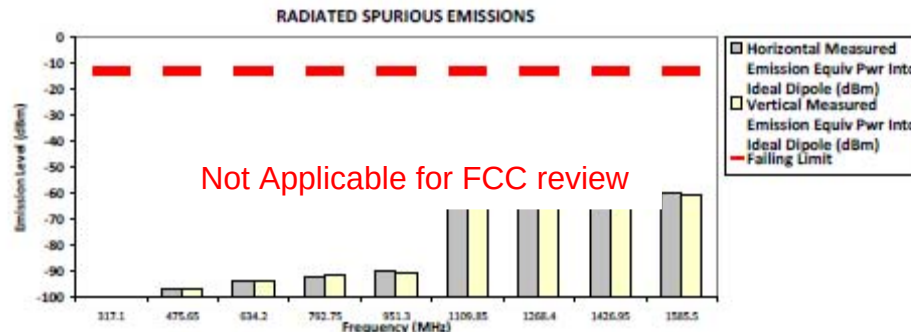


FCC ID: A2492FT7089

158.550000 MHz 20 kHz 1.000 Watt(s) /Low Power

[illegible]

Remarks:	Passed Results	Marginal Results	Failed Results
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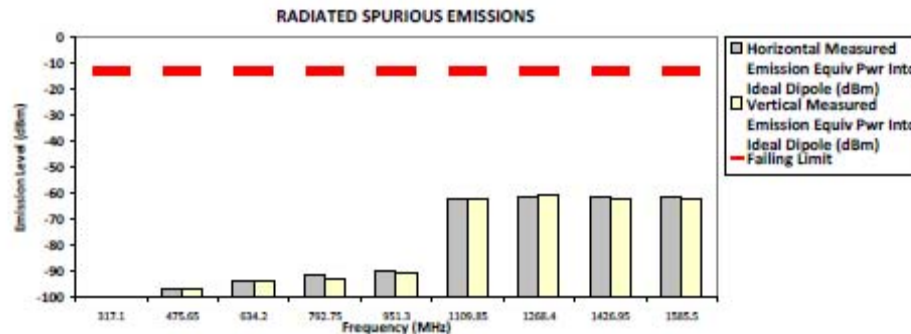
Motorola Solutions.

FCC ID: AZ492FT7089

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

158.550000 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)
317.1000	-13.0000	-100.4068 **	-100.0289 **
475.6500	-13.0000	-96.5093 **	-96.9674 **
634.2000	-13.0000	-93.8693 **	-93.2131 **
792.7500	-13.0000	-91.6254 **	-93.1324 **
951.3000	-13.0000	-89.7304 **	-90.1257 **
1109.8500	-13.0000	-62.2239 **	-62.5186 **
1268.4000	-13.0000	-61.0016 **	-60.9660 **
1426.9500	-13.0000	-61.4546 **	-62.0782 **
1585.5000	-13.0000	-61.2357 **	-61.8670 **



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): 23.8 Hum(%RH): 74.4

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

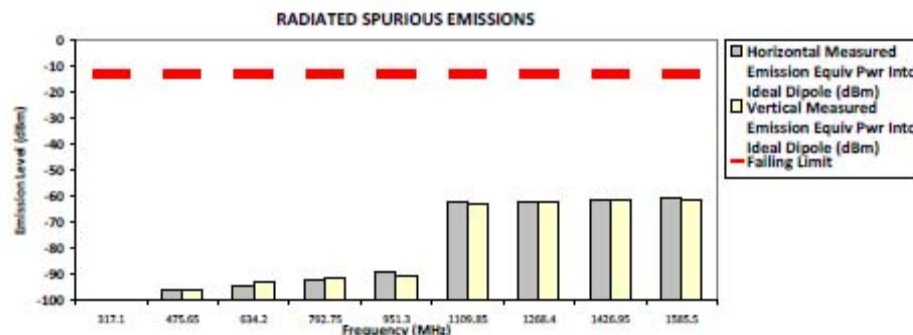
Failed Results

6/12

Exhibit 6F- 98: TRSE Analog – Freq 158.55 MHz, Ch Sp 25 kHz

FCC ID: A2492FT7089

158.550000 MHz 25 kHz 1.000 Watt(s) /Low Power

[illegible]

Temp(Deg): 23.8 Hum(%RH): 74.4

Remarks:	Passed Results	Marginal Results	Failed Results
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Exhibit 6F- 99: TRSE Analog 1 Watt – Freq 158.55 MHz, Ch Sp 25 kHz

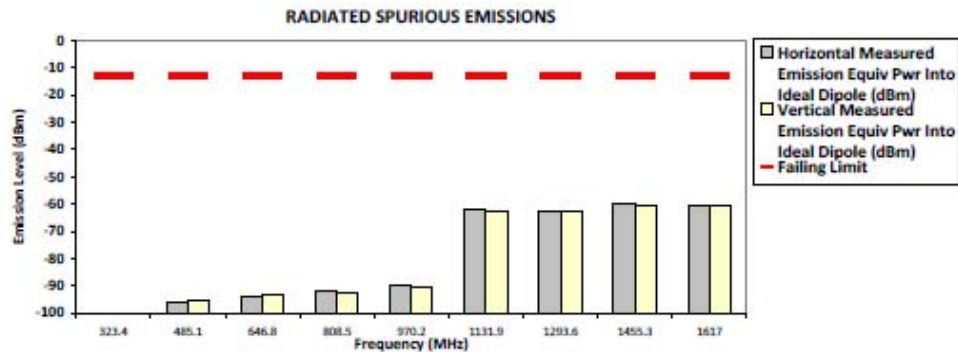
Motorola Solutions.

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

161.700000 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)
323.4000	-13.0000	-101.0874 **	-100.2461 **
485.1000	-13.0000	-95.8290 **	-95.5534 **
646.8000	-13.0000	-94.2510 **	-93.1067 **
808.5000	-13.0000	-91.8149 **	-92.3480 **
970.2000	-13.0000	-89.7129 **	-90.3234 **
1131.9000	-13.0000	-62.1853 **	-62.7718 **
1293.6000	-13.0000	-62.3838 **	-62.6580 **
1455.3000	-13.0000	-60.0537 **	-60.9354 **
1617.0000	-13.0000	-60.6595 **	-60.7428 **



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

8/12

Exhibit 6F- 100: TRSE Analog – Freq 161.7 MHz, Ch Sp 20 kHz

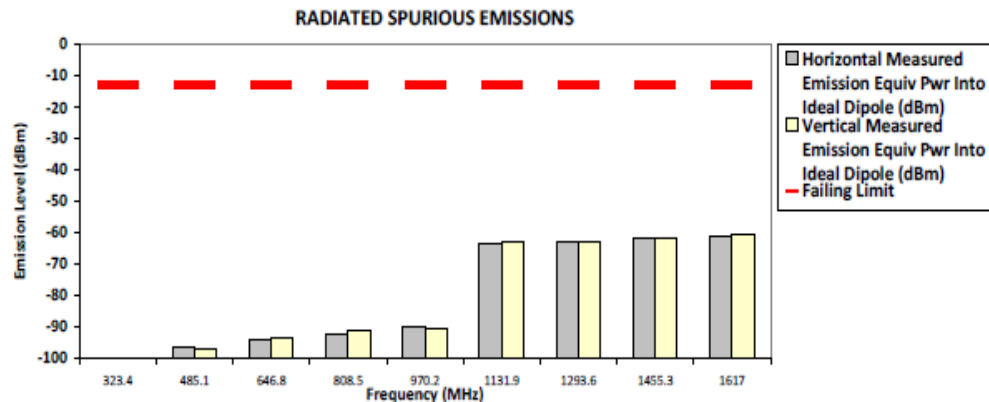
Motorola Solutions.

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
 161.700000 MHz 20 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)
323.4000	-13.0000	-100.6440 **	-100.7282 **
485.1000	-13.0000	-96.3538 **	-96.8067 **
646.8000	-13.0000	-94.2492 **	-93.3481 **
808.5000	-13.0000	-92.5097 **	-91.2574 **
970.2000	-13.0000	-89.9910 **	-90.5131 **
1131.9000	-13.0000	-63.2451 **	-62.5442 **
1293.6000	-13.0000	-62.9181 **	-62.7856 **
1455.3000	-13.0000	-62.0107 **	-61.4895 **
1617.0000	-13.0000	-61.0019 **	-60.5431 **



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

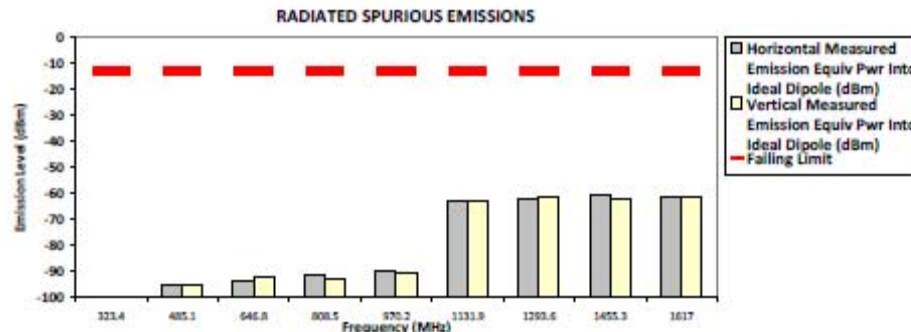
Failed Results

Exhibit 6F- 101: TRSE Analog 1 Watt – Freq 161.7 MHz, Ch Sp 20 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
700000 MHz 25 kHz 60.000 Watt(s) /Max 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: 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): 23.8 Hum(%RH): 74.4

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

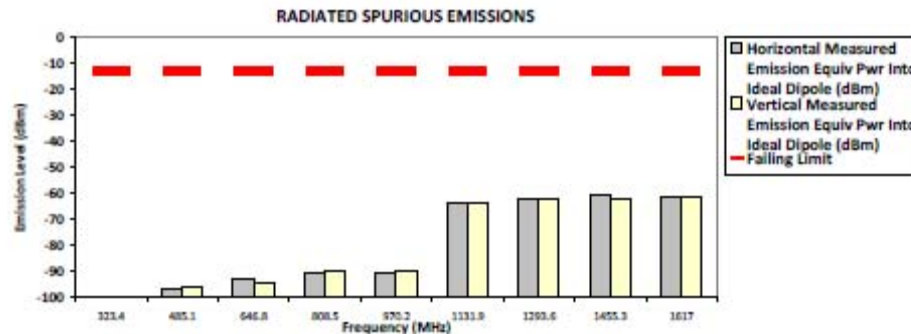
Motorola Solutions.

FCC ID: AZ492FT7089

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

161.700000 MHz 25 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)
323.4000	-13.0000	-101.7048 **	-99.9225 **
485.1000	-13.0000	-96.6042 **	-96.0368 **
646.8000	-13.0000	-92.8841 **	-94.0871 **
808.5000	-13.0000	-90.8556 **	-89.9540 **
970.2000	-13.0000	-90.6005 **	-89.6227 **
1131.9000	-13.0000	-63.3394 **	-63.3163 **
1293.6000	-13.0000	-62.3706 **	-62.2957 **
1455.3000	-13.0000	-60.6210 **	-62.0206 **
1617.0000	-13.0000	-61.4297 **	-61.2800 **



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: 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): 23.8 Hum(%RH): 74.4

System MU: 5.01 dB

Remarks: Passed Results Marginal Results Failed Results

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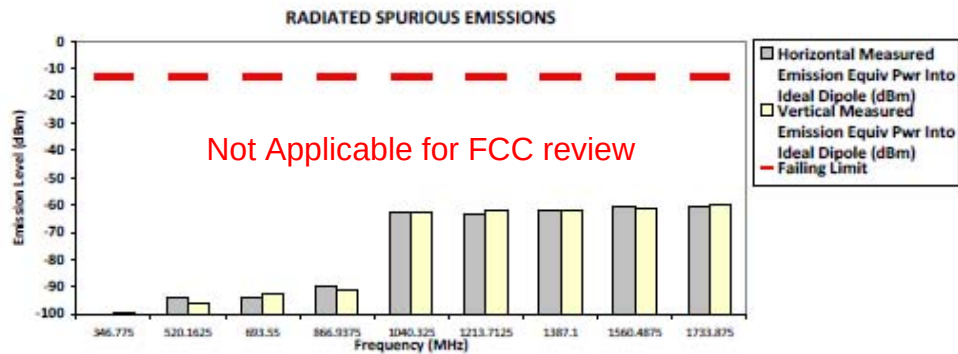
Exhibit 6F- 103: TRSE Analog 1 Watt – Freq 161.7 MHz, Ch Sp 25 kHz

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
 173.387500 MHz 25 kHz 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)
346.7750	-13.0000	-100.3814 **	-99.8507 **
520.1625	-13.0000	-94.0304 **	-95.7418 **
693.5500	-13.0000	-94.2746 **	-92.7878 **
866.9375	-13.0000	-90.0778 **	-90.9980 **
1040.3250	-13.0000	-62.6254 **	-62.7851 **
1213.7125	-13.0000	-63.1735 **	-62.2612 **
1387.1000	-13.0000	-62.0180 **	-61.9386 **
1560.4875	-13.0000	-60.4650 **	-61.1052 **
1733.8750	-13.0000	-60.2641 **	-59.7618 **



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): 23.8 Hum(%RH): 74.4

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

12/12

Exhibit 6F- 104: TRSE Analog – Freq 173.3875 MHz, Ch Sp 25 kHz

FCC ID: A2492FT7089

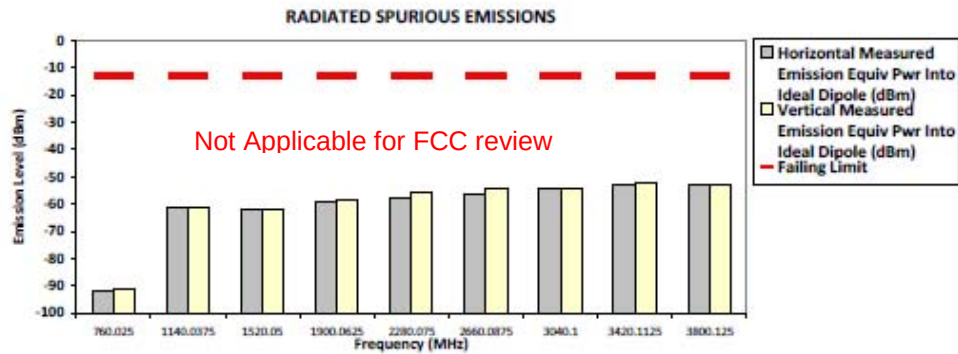
173.387500 MHz 25 kHz 1.000 Watt[s] /Low Power

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 Analog
 380.012500 MHz 25 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)
760.0250	-13.0000	-92.0299 **	-91.4250 **
1140.0375	-13.0000	-61.1924 **	-61.3156 **
1520.0500	-13.0000	-62.1345 **	-62.0771 **
1900.0625	-13.0000	-59.4394 **	-58.4677 **
2280.0750	-13.0000	-57.5256 **	-55.9595 **
2660.0875	-13.0000	-56.1909 **	-54.1209 **
3040.1000	-13.0000	-54.1335 **	-54.6241 **
3420.1125	-13.0000	-52.9979 **	-52.3157 **
3800.1250	-13.0000	-53.0605 **	-53.2709 **



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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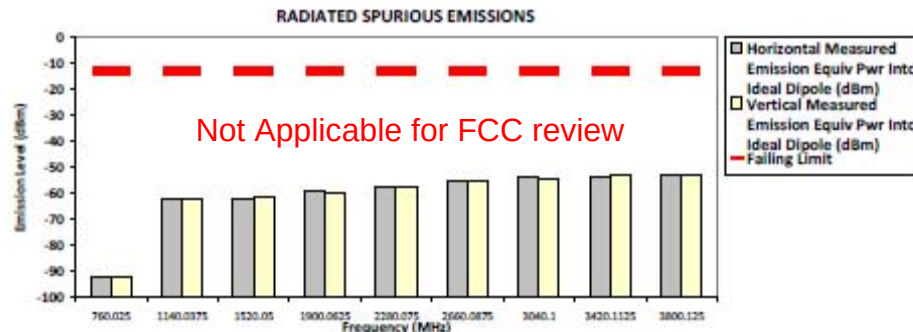
Exhibit 6F- 106: TRSE Analog – Freq 380.0125 MHz, Ch Sp 25 kHz

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

380.012500 MHz 25 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: 109AK

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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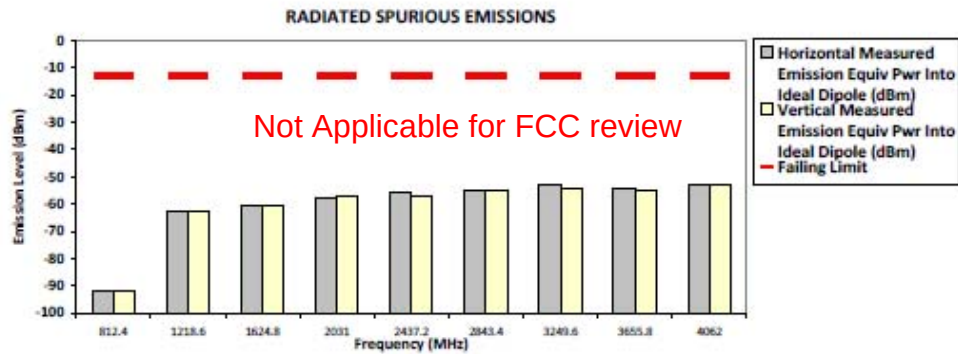
Motorola Solutions.

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

406.200000 MHz 25 kHz Test Mode: TX Analog
 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)
812.4000	-13.0000	-91.7252 **	-91.5808 **
1218.6000	-13.0000	-62.4289 **	-62.5084 **
1624.8000	-13.0000	-60.3857 **	-60.8062 **
2031.0000	-13.0000	-58.0845 **	-57.4282 **
2437.2000	-13.0000	-55.9902 **	-56.8458 **
2843.4000	-13.0000	-55.3303 **	-55.3662 **
3249.6000	-13.0000	-52.8737 **	-54.3179 **
3655.8000	-13.0000	-54.2875 **	-54.8308 **
4062.0000	-13.0000	-52.8202 **	-52.8398 **



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

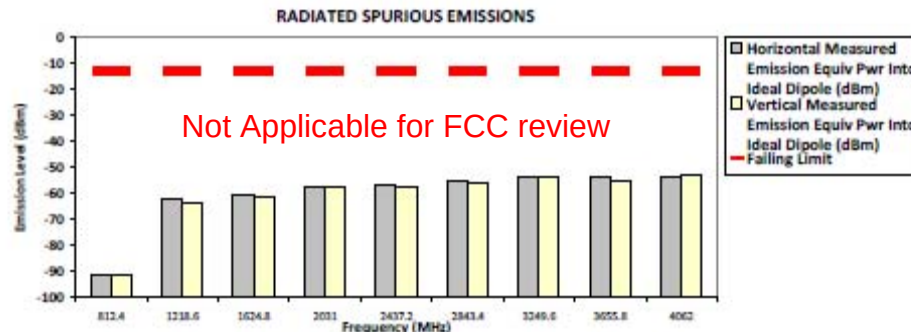
Failed Results

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Exhibit 6F- 108: TRSE Analog – Freq 406.2 MHz, Ch Sp 25 kHz

FCC ID: A2492FT7089

406.200000 MHz 25 kHz 1.000 Watt(s) /Low Power

[illegible]

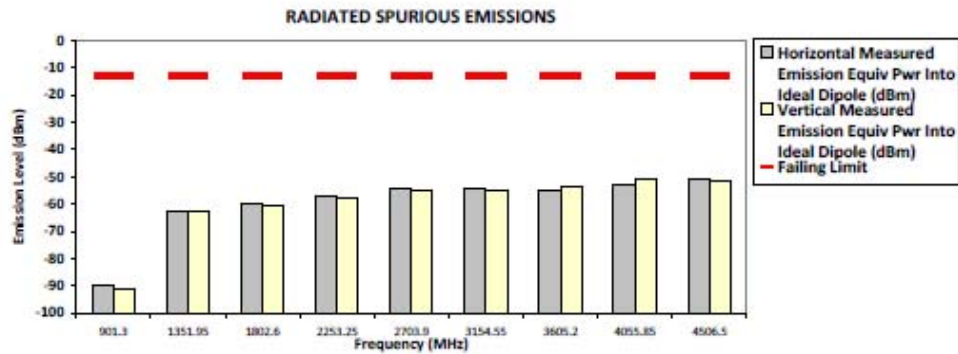
Remarks:	Passed Results	Marginal Results	Failed Results
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Motorola Solutions.

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
 450.650000 MHz 25 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	-13.0000	-89.6632 **	-91.1500 **
1351.9500	-13.0000	-62.9979 **	-62.8078 **
1802.6000	-13.0000	-59.8191 **	-60.2559 **
2253.2500	-13.0000	-57.1940 **	-57.7603 **
2703.9000	-13.0000	-54.4011 **	-54.9365 **
3154.5500	-13.0000	-54.4407 **	-55.2112 **
3605.2000	-13.0000	-54.8349 **	-53.4921 **
4055.8500	-13.0000	-53.0489 **	-51.0744 **
4506.5000	-13.0000	-51.0690 **	-51.7435 **



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- 110: TRSE Analog – Freq 450.65 MHz, Ch Sp 25 kHz

FCC ID: A2492FT7089

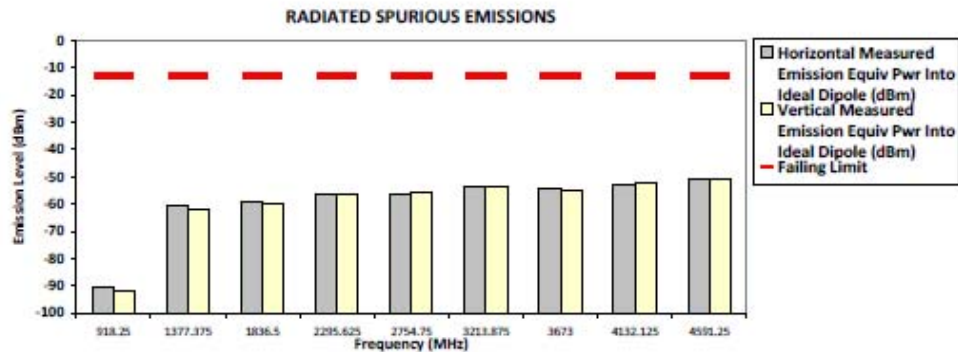
450.650000 MHz 25 kHz 1.000 Watt(s) /Low Power

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
 459.125000 MHz 20 kHz Test Mode: TX Analog 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	-13.0000	-90.4714 **	-91.5730 **
1377.3750	-13.0000	-60.8465 **	-62.1120 **
1836.5000	-13.0000	-59.0709 **	-59.6057 **
2295.6250	-13.0000	-56.7327 **	-56.4566 **
2754.7500	-13.0000	-56.1751 **	-56.0115 **
3213.8750	-13.0000	-53.4252 **	-53.5177 **
3673.0000	-13.0000	-54.4297 **	-54.7121 **
4132.1250	-13.0000	-52.6985 **	-52.1934 **
4591.2500	-13.0000	-50.7243 **	-51.2039 **



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

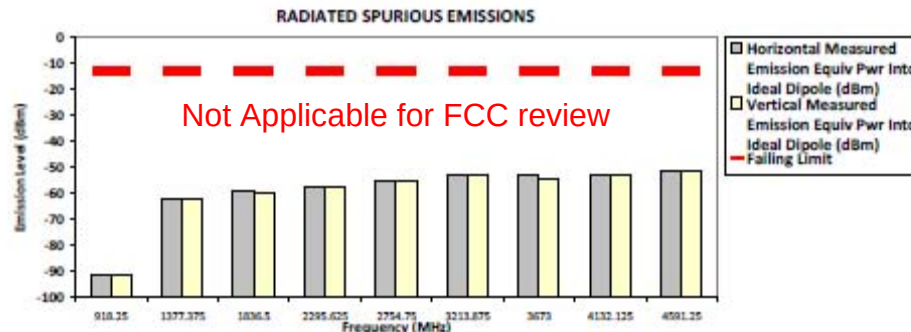
Failed Results

8/20

Exhibit 6F- 112: TRSE Analog – Freq 459.125 MHz, Ch Sp 20 kHz

FCC ID: A2492FT7089

459.125000 MHz 20 kHz 1.000 Watt[s] /Low Power

[illegible]

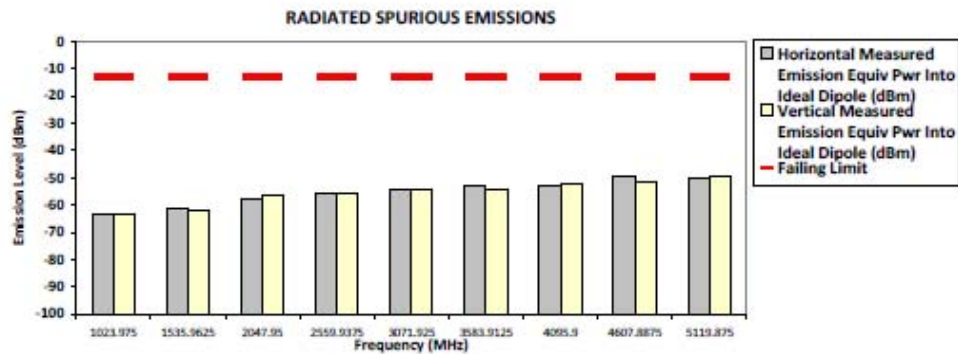
Remarks:	Passed Results	Marginal Results	Failed Results
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Motorola Solutions.

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
 511.987500 MHz 20 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	-13.0000	-63.2633 **	-63.0433 **
1535.9625	-13.0000	-61.6128 **	-61.7248 **
2047.9500	-13.0000	-58.0762 **	-56.6984 **
2559.9375	-13.0000	-55.8753 **	-55.6783 **
3071.9250	-13.0000	-54.0472 **	-54.6515 **
3583.9125	-13.0000	-53.2614 **	-54.3454 **
4095.9000	-13.0000	-53.0834 **	-52.0837 **
4607.8875	-13.0000	-49.7813 **	-51.4729 **
5119.8750	-13.0000	-50.0818 **	-49.1782 **



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

16/20

Exhibit 6F- 114: TRSE Analog – Freq 511.9875 MHz, Ch Sp 20 kHz

FCC ID: A2492FT7089

511.987500 MHz 20 kHz 1.000 Watt[s] /Low Power

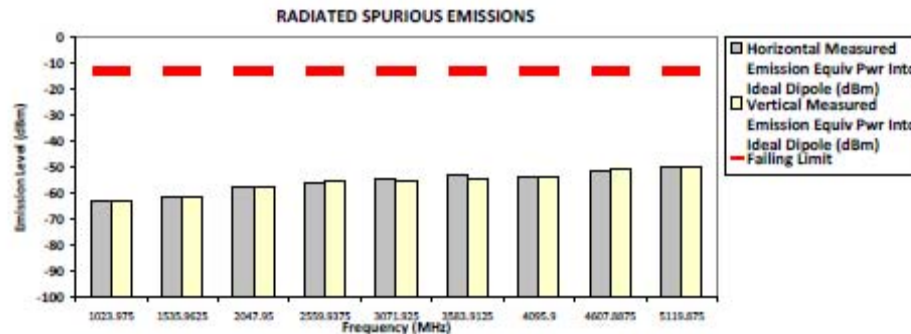
Motorola Solutions.

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

511.987500 MHz 25 kHz Test Mode: TX Analog 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	-13.0000	-63.0542 **	-63.1370 **
1535.9625	-13.0000	-61.7481 **	-61.1964 **
2047.9500	-13.0000	-57.8445 **	-57.3567 **
2559.9375	-13.0000	-55.7707 **	-55.2074 **
3071.9250	-13.0000	-54.1290 **	-54.8122 **
3583.9125	-13.0000	-52.9810 **	-54.1535 **
4095.9000	-13.0000	-53.4105 **	-53.5753 **
4607.8875	-13.0000	-51.6516 **	-50.6658 **
5119.8750	-13.0000	-49.4539 **	-50.0635 **



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

18/20

Exhibit 6F- 116: TRSE Analog – Freq 511.9875 MHz, Ch Sp 25 kHz

Motorola Solutions.

FCC ID: A2492FT7089

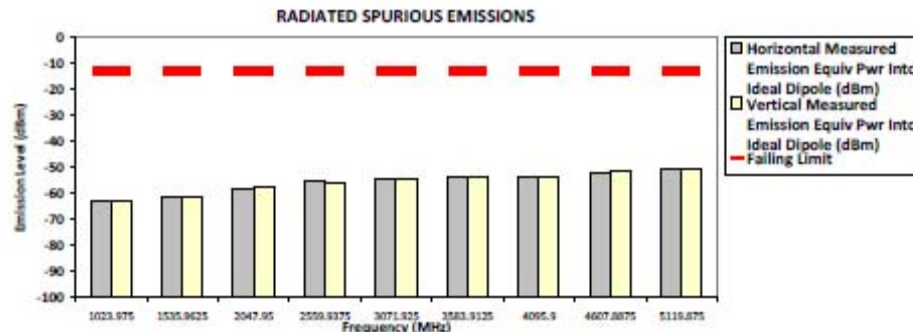
SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
Model #: M37TSS9PW1AN S/N: AM3A275 SR:03466-EMC-00003
Battery Part No: NA Accy Part No: 3466-HMN4079G-1

511.987500 MHz

25 kHz

Test Mode: TX Analog

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: 109AK

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

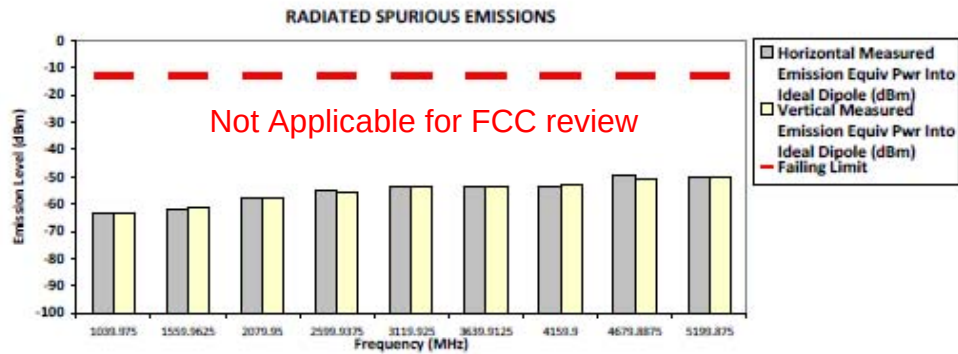
Motorola Solutions.

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

519.987500 MHz 25 kHz Test Mode: TX Analog
 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	-13.0000	-63.4454 **	-63.3981 **
1559.9625	-13.0000	-62.1256 **	-61.2170 **
2079.9500	-13.0000	-58.0841 **	-57.5984 **
2599.9375	-13.0000	-55.1835 **	-55.9611 **
3119.9250	-13.0000	-53.9055 **	-53.8276 **
3639.9125	-13.0000	-53.5950 **	-53.9740 **
4159.9000	-13.0000	-53.7760 **	-52.8760 **
4679.8875	-13.0000	-49.7618 **	-51.0604 **
5199.8750	-13.0000	-50.2412 **	-50.0061 **



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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20/20

Exhibit 6F- 118: TRSE Analog – Freq 519.9875 MHz, Ch Sp 25 kHz

FCC ID: A2492FT7089

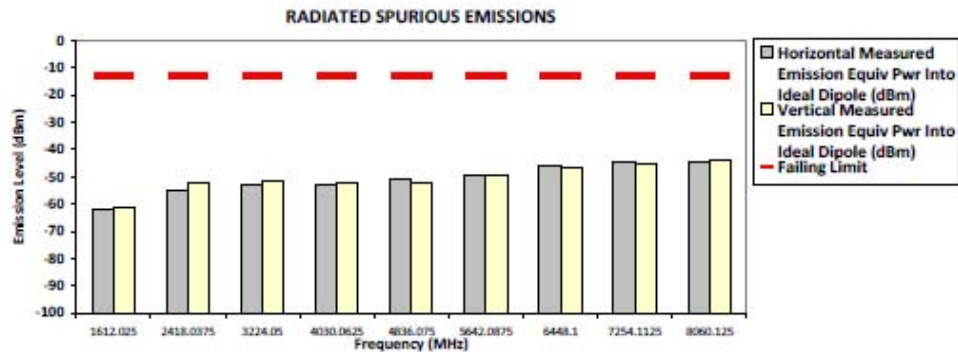
1.000 Watt(s) /Low Power

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 Analog
 806.012500 MHz 25 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	-13.0000	-62.0968 **	-61.1152 **
2418.0375	-13.0000	-54.9739 **	-52.2066 **
3224.0500	-13.0000	-53.2650 **	-51.5913 **
4030.0625	-13.0000	-52.9143 **	-51.9965 **
4836.0750	-13.0000	-50.8413 **	-51.9155 **
5642.0875	-13.0000	-49.3908 **	-49.6725 **
6448.1000	-13.0000	-46.0847 **	-46.7226 **
7254.1125	-13.0000	-44.5714 **	-45.4081 **
8060.1250	-13.0000	-44.8978 **	-44.1318 **



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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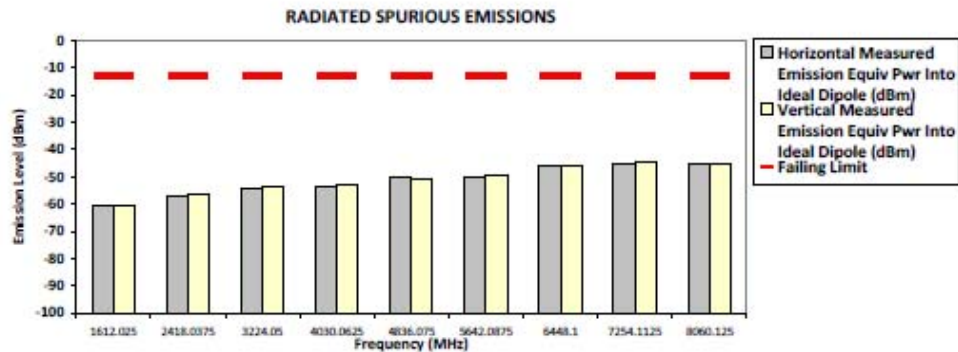
Exhibit 6F- 120: TRSE Analog – Freq 806.0125 MHz, Ch Sp 25 kHz

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
 806.012500 MHz 25 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	-13.0000	-60.7942 **	-60.4098 **
2418.0375	-13.0000	-57.0718 **	-56.7467 **
3224.0500	-13.0000	-54.4414 **	-53.9857 **
4030.0625	-13.0000	-53.7114 **	-52.8735 **
4836.0750	-13.0000	-50.1456 **	-50.7207 **
5642.0875	-13.0000	-50.3133 **	-49.8711 **
6448.1000	-13.0000	-46.3248 **	-46.0406 **
7254.1125	-13.0000	-45.0452 **	-44.5241 **
8060.1250	-13.0000	-45.5532 **	-45.6258 **



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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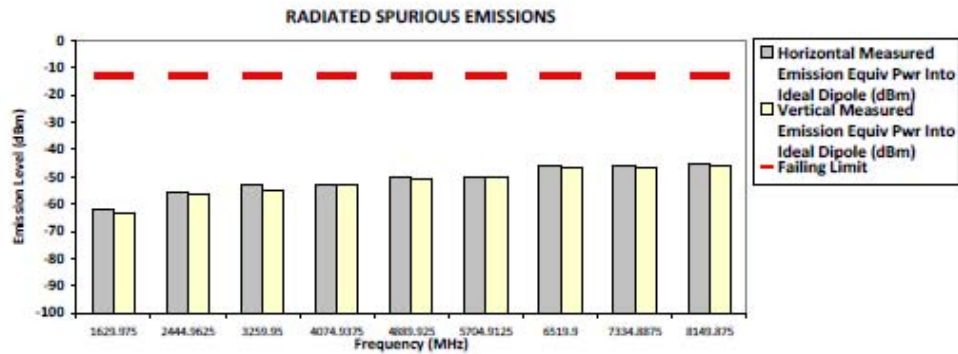
Exhibit 6F- 121: TRSE Analog 1 Watt – Freq 806.0125 MHz, Ch Sp 25 kHz

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
 814.987500 MHz 25 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	-13.0000	-61.8522 **	-63.1305 **
2444.9625	-13.0000	-55.8153 **	-56.6828 **
3259.9500	-13.0000	-52.7503 **	-55.1021 **
4074.9375	-13.0000	-52.7019 **	-53.2258 **
4889.9250	-13.0000	-50.4133 **	-51.1904 **
5704.9125	-13.0000	-50.1853 **	-49.9262 **
6519.9000	-13.0000	-46.2771 **	-46.5659 **
7334.8875	-13.0000	-46.3772 **	-47.0570 **
8149.8750	-13.0000	-45.2568 **	-45.7174 **



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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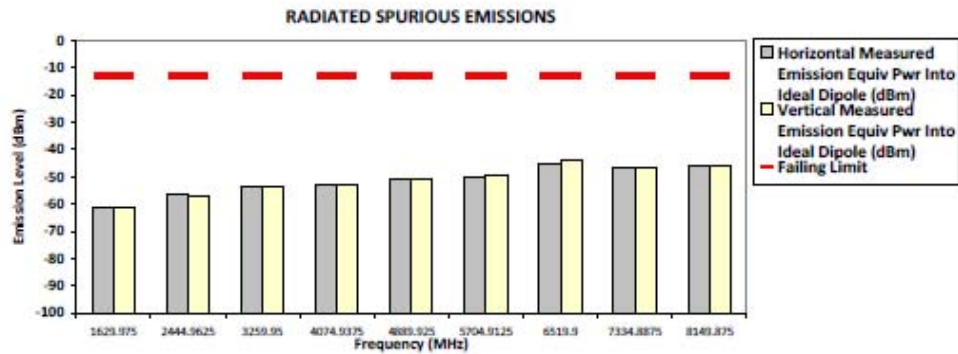
Exhibit 6F- 122: TRSE Analog – Freq 814.9875 MHz, Ch Sp 25 kHz

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
 814.987500 MHz 25 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	-13.0000	-61.3459 **	-61.5659 **
2444.9625	-13.0000	-56.4166 **	-56.7578 **
3259.9500	-13.0000	-53.7379 **	-53.5078 **
4074.9375	-13.0000	-53.1347 **	-52.7782 **
4889.9250	-13.0000	-50.6664 **	-51.2015 **
5704.9125	-13.0000	-49.9469 **	-49.1181 **
6519.9000	-13.0000	-45.4615 **	-44.1274 **
7334.8875	-13.0000	-46.5849 **	-46.7038 **
8149.8750	-13.0000	-45.8050 **	-45.8902 **



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- 123: TRSE Analog 1 Watt – Freq 814.9875 MHz, Ch Sp 25 kHz

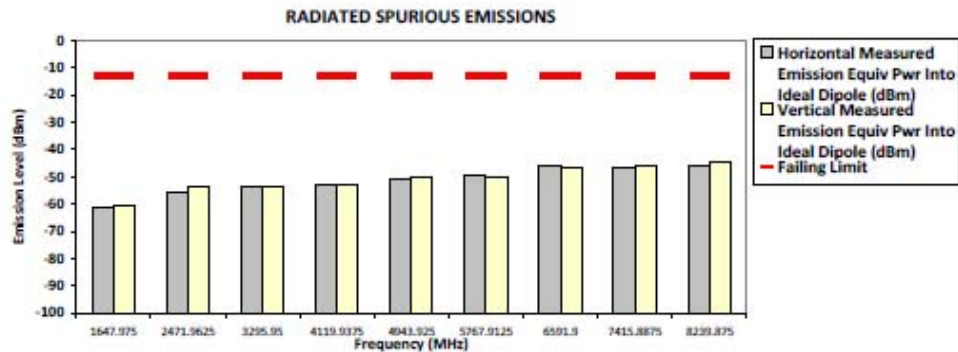
Motorola Solutions.

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 25 kHz Test Mode: TX Analog
 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	-13.0000	-61.4056 **	-60.6808 **
2471.9625	-13.0000	-55.9508 **	-53.9267 **
3295.9500	-13.0000	-53.5037 **	-53.4633 **
4119.9375	-13.0000	-52.6075 **	-52.8931 **
4943.9250	-13.0000	-50.9052 **	-49.8763 **
5767.9125	-13.0000	-49.6263 **	-50.4685 **
6591.9000	-13.0000	-45.9099 **	-47.0588 **
7415.8875	-13.0000	-47.0435 **	-46.0664 **
8239.8750	-13.0000	-45.7670 **	-44.6861 **



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- 124: TRSE Analog – Freq 823.9875 MHz, Ch Sp 25 kHz

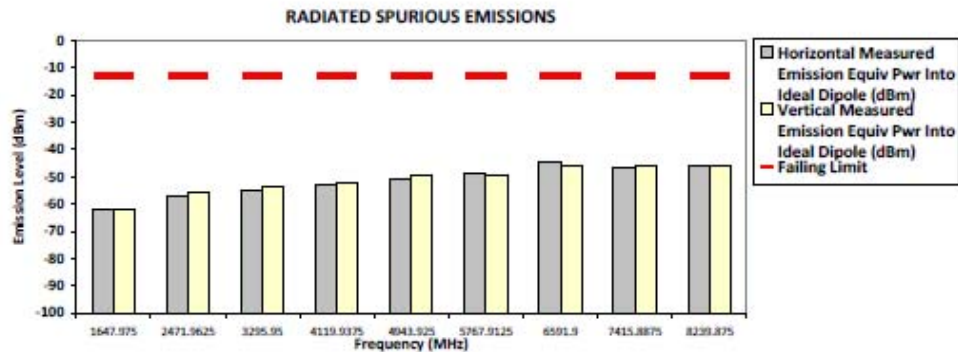
Motorola Solutions.

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 25 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)
1647.9750	-13.0000	-61.8792 **	-62.1346 **
2471.9625	-13.0000	-57.0330 **	-55.8973 **
3295.9500	-13.0000	-54.7811 **	-53.9500 **
4119.9375	-13.0000	-52.7360 **	-51.9794 **
4943.9250	-13.0000	-51.1069 **	-49.7474 **
5767.9125	-13.0000	-49.0496 **	-49.7484 **
6591.9000	-13.0000	-44.6736 **	-46.1207 **
7415.8875	-13.0000	-46.4693 **	-45.8600 **
8239.8750	-13.0000	-46.0248 **	-46.1365 **



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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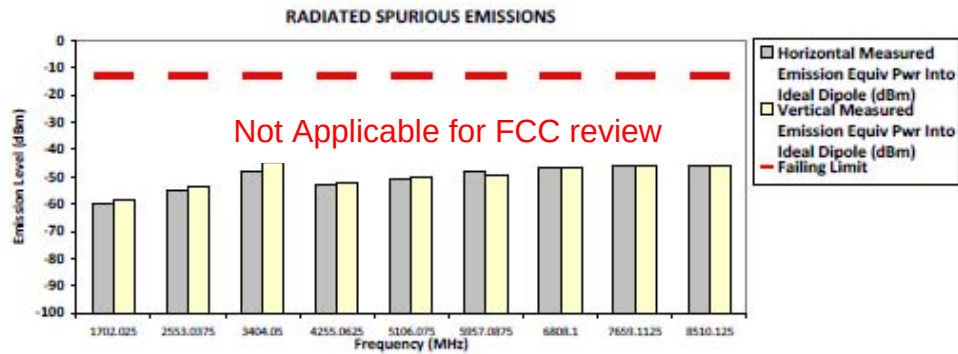
Exhibit 6F- 125: TRSE Analog 1 Watt – Freq 823.9875 MHz, Ch Sp 25 kHz

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
 851.012500 MHz 25 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	-13.0000	-59.5531 **	-58.2494 **
2553.0375	-13.0000	-55.2320 **	-53.8777 **
3404.0500	-13.0000	-48.1600 *	-44.4100 *
4255.0625	-13.0000	-53.0387 **	-52.5764 **
5106.0750	-13.0000	-51.1787 **	-49.9205 **
5957.0875	-13.0000	-48.0473 **	-49.1390 **
6808.1000	-13.0000	-46.4973 **	-46.9451 **
7659.1125	-13.0000	-46.3678 **	-46.3281 **
8510.1250	-13.0000	-46.1117 **	-46.0116 **



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

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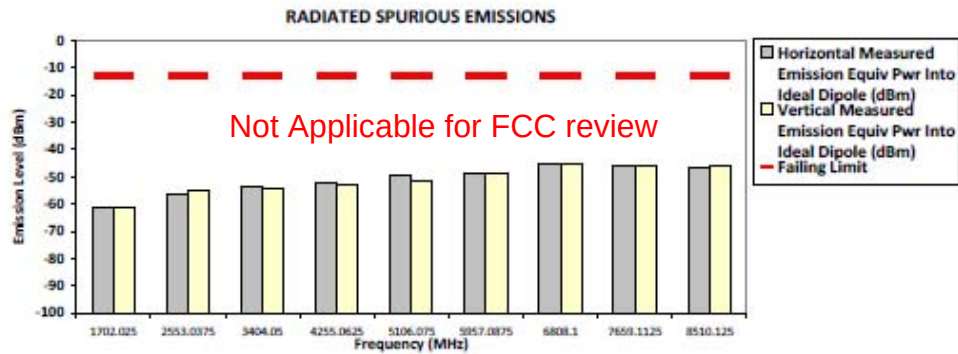
Exhibit 6F- 126: TRSE Analog – Freq 851.0125 MHz, Ch Sp 25 kHz

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
 851.012500 MHz 25 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	-13.0000	-61.1475 **	-61.3795 **
2553.0375	-13.0000	-56.0875 **	-54.8818 **
3404.0500	-13.0000	-53.9741 **	-54.3287 **
4255.0625	-13.0000	-52.5014 **	-53.3504 **
5106.0750	-13.0000	-49.5355 **	-51.3490 **
5957.0875	-13.0000	-48.6839 **	-49.0648 **
6808.1000	-13.0000	-45.3115 **	-45.6759 **
7659.1125	-13.0000	-46.0547 **	-46.1137 **
8510.1250	-13.0000	-46.6479 **	-46.2129 **



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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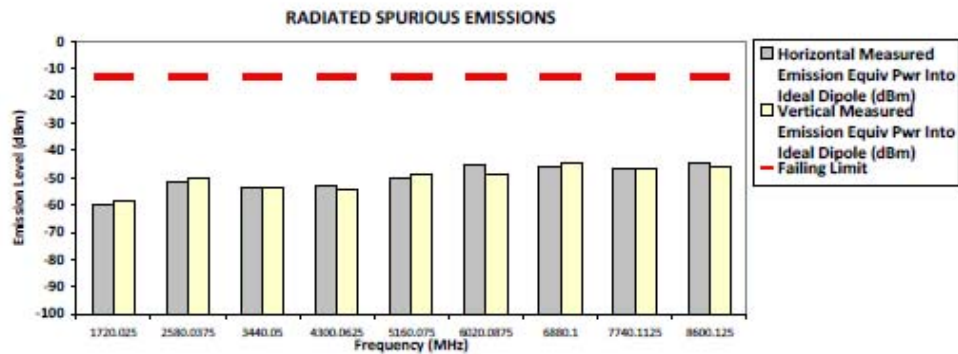
Exhibit 6F- 127: TRSE Analog 1 Watt – Freq 851.0125 MHz, Ch Sp 25 kHz

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
 860.012500 MHz 25 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	-13.0000	-60.1787 **	-58.6992 **
2580.0375	-13.0000	-51.8500 *	-50.3500 *
3440.0500	-13.0000	-53.5874 **	-53.6948 **
4300.0625	-13.0000	-53.2510 **	-54.5171 **
5160.0750	-13.0000	-50.1237 **	-48.6980 **
6020.0875	-13.0000	-45.5210 **	-48.4486 **
6880.1000	-13.0000	-45.8374 **	-44.9179 **
7740.1125	-13.0000	-46.9299 **	-46.7731 **
8600.1250	-13.0000	-44.6605 **	-46.0857 **



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): 24.1 Hum(%RH): 69.1

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

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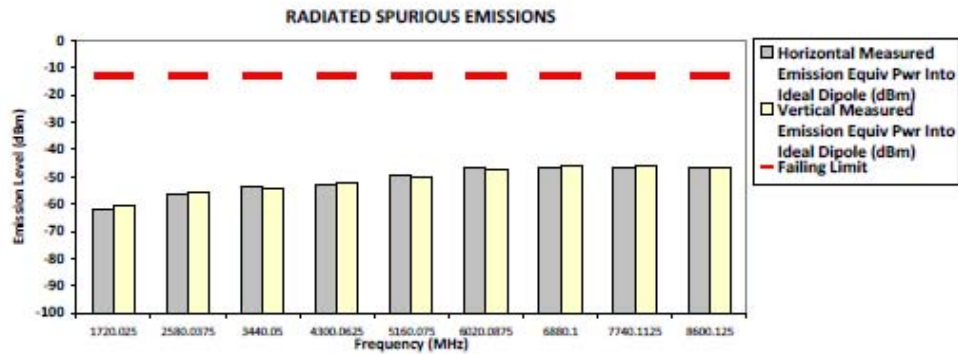
Exhibit 6F- 128: TRSE Analog – Freq 860.0125 MHz, Ch Sp 25 kHz

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
 860.012500 MHz 25 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	-13.0000	-61.7335 **	-60.5740 **
2580.0375	-13.0000	-56.2236 **	-55.7914 **
3440.0500	-13.0000	-53.9710 **	-54.2671 **
4300.0625	-13.0000	-53.2150 **	-52.5445 **
5160.0750	-13.0000	-49.8231 **	-50.1915 **
6020.0875	-13.0000	-46.7752 **	-47.2765 **
6880.1000	-13.0000	-46.7259 **	-46.2031 **
7740.1125	-13.0000	-47.0219 **	-46.0202 **
8600.1250	-13.0000	-46.8761 **	-46.9310 **



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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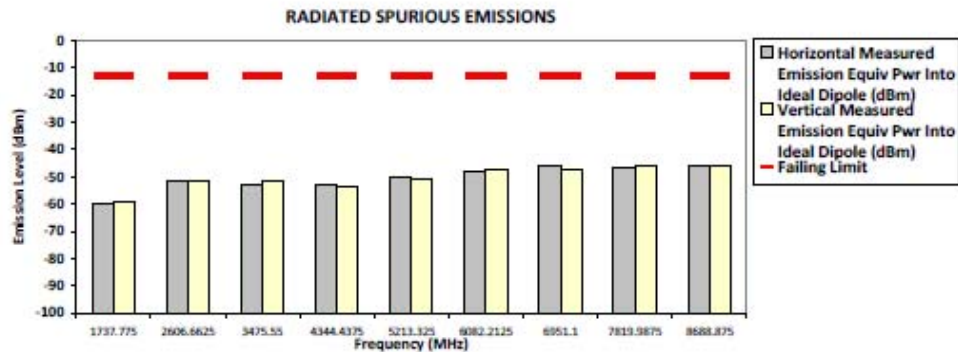
Exhibit 6F- 129: TRSE Analog 1 Watt – Freq 860.0125 MHz, Ch Sp 25 kHz

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
 868.887500 MHz 25 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	-13.0000	-59.8913 **	-59.0941 **
2606.6625	-13.0000	-51.3946 **	-51.5216 **
3475.5500	-13.0000	-53.0882 **	-51.3508 **
4344.4375	-13.0000	-52.7166 **	-53.3899 **
5213.3250	-13.0000	-50.1480 **	-50.6878 **
6082.2125	-13.0000	-47.8863 **	-47.2034 **
6951.1000	-13.0000	-46.1010 **	-47.1073 **
7819.9875	-13.0000	-46.6339 **	-45.8505 **
8688.8750	-13.0000	-46.2837 **	-46.2310 **



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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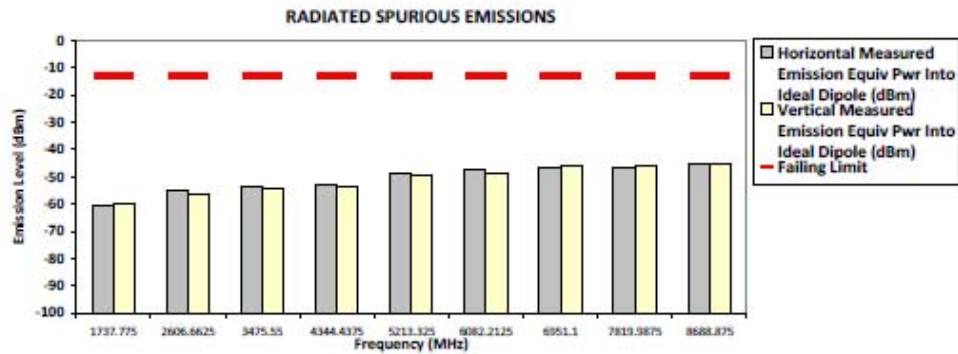
Exhibit 6F- 130: TRSE Analog – Freq 868.8875 MHz, Ch Sp 25 kHz

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
 868.887500 MHz 25 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	-13.0000	-60.6465 **	-59.8233 **
2606.6625	-13.0000	-55.1722 **	-56.1253 **
3475.5500	-13.0000	-53.8693 **	-54.2683 **
4344.4375	-13.0000	-53.0811 **	-53.6400 **
5213.3250	-13.0000	-49.0091 **	-49.7775 **
6082.2125	-13.0000	-47.7407 **	-48.7712 **
6951.1000	-13.0000	-46.4145 **	-46.3833 **
7819.9875	-13.0000	-46.9239 **	-45.8278 **
8688.8750	-13.0000	-45.5374 **	-45.6266 **



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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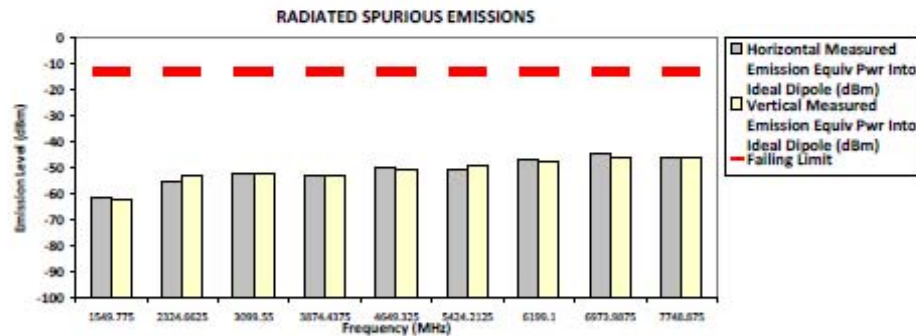
Exhibit 6F- 131: TRSE Analog 1 Watt – Freq 868.8875 MHz, Ch Sp 25 kHz

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 Analog
 774.887500 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)
1549.7750	-13.0000	-61.7455 **	-62.0067 **
2324.6625	-13.0000	-55.1315 **	-53.1662 **
3099.5500	-13.0000	-52.2491 **	-52.0698 **
3874.4375	-13.0000	-52.9549 **	-52.9283 **
4649.3250	-13.0000	-50.1929 **	-50.6923 **
5424.2125	-13.0000	-50.7362 **	-49.1012 **
6199.1000	-13.0000	-47.0506 **	-47.7954 **
6973.9875	-13.0000	-44.7620 **	-45.8494 **
7748.8750	-13.0000	-46.1208 **	-46.1842 **



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- 132: TRSE Analog – Freq 774.8875 MHz, Ch Sp 12.5 kHz

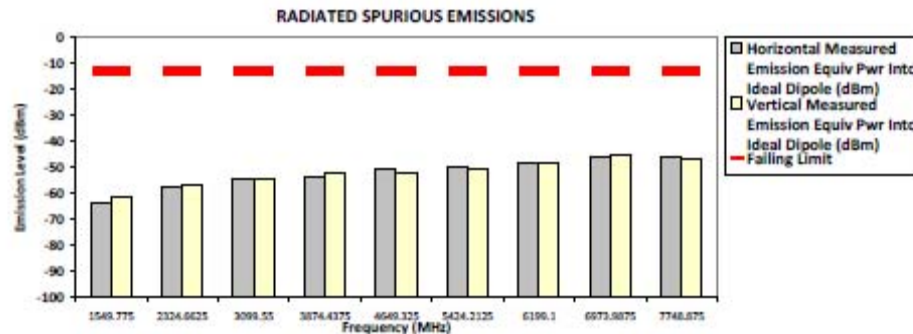
Motorola Solutions.

FCC ID: AZ492FT7089

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

774.887500 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)
1549.7750	-13.0000	-63.6145 **	-61.7132 **
2324.6625	-13.0000	-57.3750 **	-56.4216 **
3099.5500	-13.0000	-54.3984 **	-54.5069 **
3874.4375	-13.0000	-53.5291 **	-52.4574 **
4649.3250	-13.0000	-50.8784 **	-51.8672 **
5424.2125	-13.0000	-49.6107 **	-50.5119 **
6199.1000	-13.0000	-48.5539 **	-47.9568 **
6973.9875	-13.0000	-45.9910 **	-45.5460 **
7748.8750	-13.0000	-46.1722 **	-46.4287 **



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- 133: TRSE Analog 1Watt – Freq 774.8875 MHz, Ch Sp 12.5 kHz

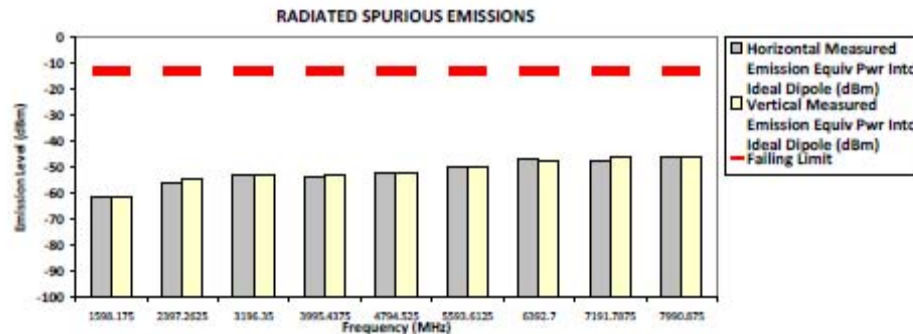
Motorola Solutions.

FCC ID: AZ492FT7089

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

799.087500 MHz 12.5 kHz Test Mode: TX Analog 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)
1598.1750	-13.0000	-61.0102 **	-61.5899 **
2397.2625	-13.0000	-56.3189 **	-54.2470 **
3196.3500	-13.0000	-52.8276 **	-53.2064 **
3995.4375	-13.0000	-53.5946 **	-52.8263 **
4794.5250	-13.0000	-52.0466 **	-51.7613 **
5593.6125	-13.0000	-49.9329 **	-49.8978 **
6392.7000	-13.0000	-47.0909 **	-47.5133 **
7191.7875	-13.0000	-47.1911 **	-46.2077 **
7990.8750	-13.0000	-46.2126 **	-46.2347 **



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- 134: TRSE Analog – Freq 799.0875 MHz, Ch Sp 12.5 kHz

FCC ID: A2492FT7089

799.087500 MHz 12.5 kHz 1.000 Watt(s) /Low Power

FCC ID: A2492FT7089

774.887500 MHz	12.5 kHz	36.000 Watt(s) /Max Power
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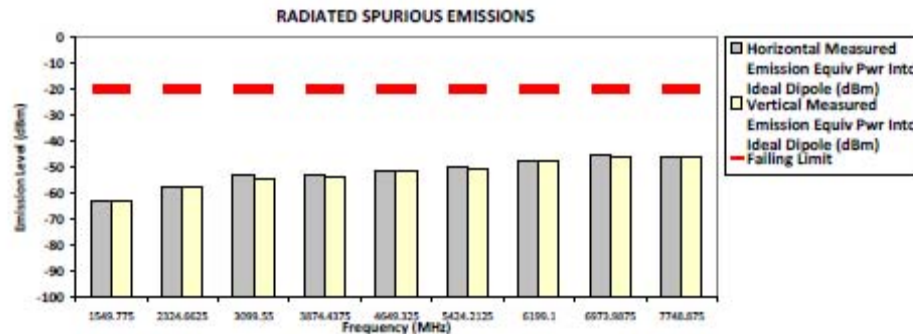
Motorola Solutions.

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

774.887500 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)
1549.7750	-20.0000	-63.2738 **	-62.7560 **
2324.6625	-20.0000	-57.7529 **	-57.0951 **
3099.5500	-20.0000	-53.1392 **	-54.5562 **
3874.4375	-20.0000	-53.0915 **	-53.9083 **
4649.3250	-20.0000	-51.7360 **	-51.1696 **
5424.2125	-20.0000	-50.1293 **	-50.4973 **
6199.1000	-20.0000	-47.6866 **	-47.7772 **
6973.9875	-20.0000	-45.5392 **	-46.0333 **
7748.8750	-20.0000	-46.3140 **	-46.0252 **



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- 137: TRSE Digital C4FM 1 Watt – Freq 774.8875 MHz, Ch Sp 12.5 kHz

FCC ID: A2492FT7089

799.087500 MHz	12.5 kHz	36.000 Watt(s) /Max Power
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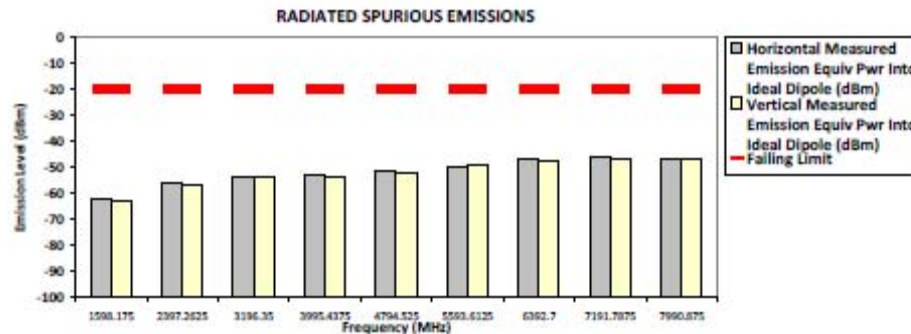
Motorola Solutions.

FCC ID: AZ492FT7089

SAC Transmitter Radiated Emission: APX8500 ALL BAND (7/800, VHF, UHF) MOBILE
 Model #: M37TS89PW1AN S/N: AM3A275 SR:03466-EMC-00003
 Battery Part No: NA Accy Part No: 3466-HMN4079G-1
 Test Mode: TX Digital

799.087500 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)
1598.1750	-20.0000	-62.0184 **	-63.2336 **
2397.2625	-20.0000	-56.1167 **	-56.5822 **
3196.3500	-20.0000	-53.8244 **	-53.4516 **
3995.4375	-20.0000	-53.1929 **	-53.5699 **
4794.5250	-20.0000	-51.3195 **	-52.0833 **
5593.6125	-20.0000	-49.9340 **	-49.2535 **
6392.7000	-20.0000	-46.5819 **	-47.7878 **
7191.7875	-20.0000	-46.2311 **	-47.0630 **
7990.8750	-20.0000	-46.4612 **	-46.5919 **



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, 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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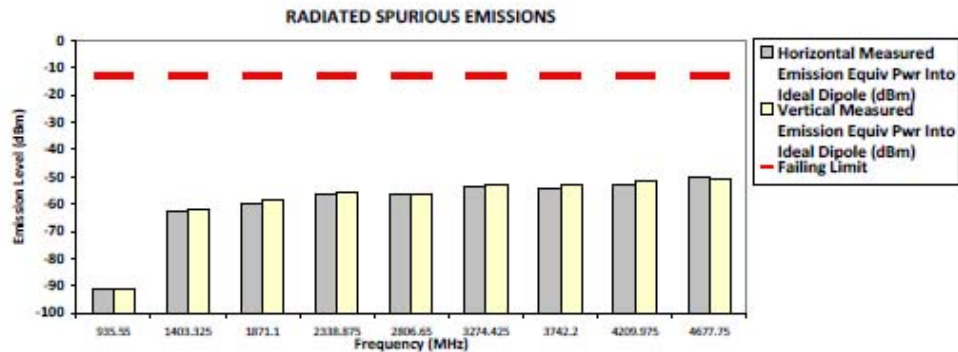
Exhibit 6F- 139: TRSE Digital C4FM 1 Watt – Freq 779.0875 MHz, Ch Sp 12.5 kHz

Motorola Solutions.

IC ID: 109U-92FT7089

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
 467.775000 MHz 25 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)
935.5500	-13.0000	-91.2274 **	-90.9265 **
1403.3250	-13.0000	-62.4360 **	-62.1953 **
1871.1000	-13.0000	-59.6532 **	-58.7760 **
2338.8750	-13.0000	-56.6714 **	-56.0249 **
2806.6500	-13.0000	-56.3954 **	-56.1003 **
3274.4250	-13.0000	-53.5597 **	-53.1588 **
3742.2000	-13.0000	-54.1293 **	-53.3159 **
4209.9750	-13.0000	-53.0500 **	-51.8350 **
4677.7500	-13.0000	-50.1747 **	-51.1347 **



The data presented here was taken using the substitution method as found in the ANSI C63.26 document.
 Motorola Penang EMC Lab - Test Performed by: Qawiman&Nazrin Mon, Jul 25, 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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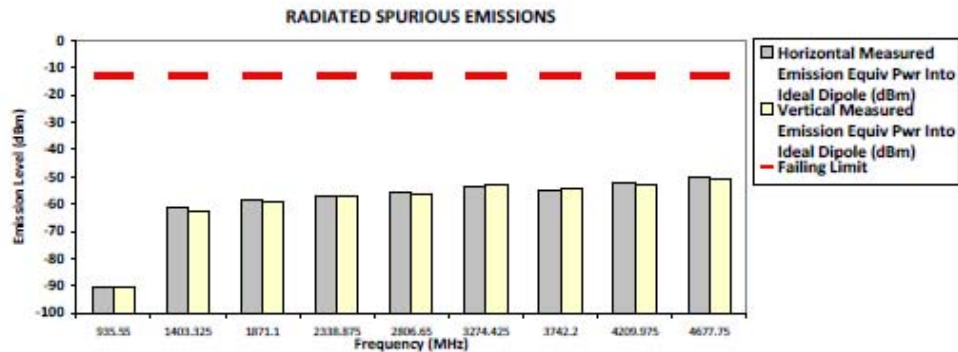
Exhibit 6F- 140: TRSE Analog – Freq 467.775 MHz, Ch Sp 25 kHz

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
 467.775000 MHz 25 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	-13.0000	-90.6910 **	-90.7129 **
1403.3250	-13.0000	-61.3951 **	-62.3638 **
1871.1000	-13.0000	-58.8054 **	-59.4370 **
2338.8750	-13.0000	-57.0838 **	-57.4546 **
2806.6500	-13.0000	-55.7668 **	-56.2368 **
3274.4250	-13.0000	-53.4515 **	-53.1553 **
3742.2000	-13.0000	-54.7115 **	-54.1608 **
4209.9750	-13.0000	-52.2784 **	-52.6507 **
4677.7500	-13.0000	-50.4135 **	-50.9732 **



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- 141: TRSE Analog 1 Watt – Freq 467.775 MHz, Ch Sp 25 kHz

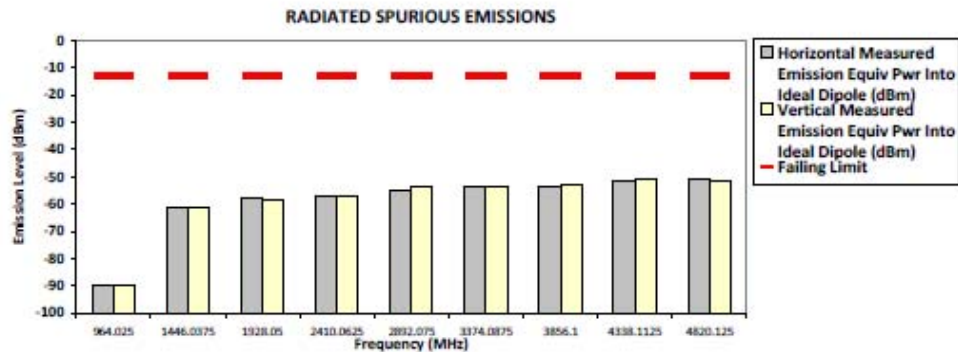
Motorola Solutions.

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

482.012500 MHz 20 kHz Test Mode: TX Analog
 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	-13.0000	-90.0359 **	-89.4321 **
1446.0375	-13.0000	-61.0454 **	-61.4987 **
1928.0500	-13.0000	-58.1321 **	-58.7836 **
2410.0625	-13.0000	-57.4869 **	-56.8886 **
2892.0750	-13.0000	-55.1724 **	-53.8143 **
3374.0875	-13.0000	-53.9943 **	-53.6015 **
3856.1000	-13.0000	-53.3976 **	-52.7974 **
4338.1125	-13.0000	-51.7029 **	-51.0923 **
4820.1250	-13.0000	-50.8305 **	-51.7029 **



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 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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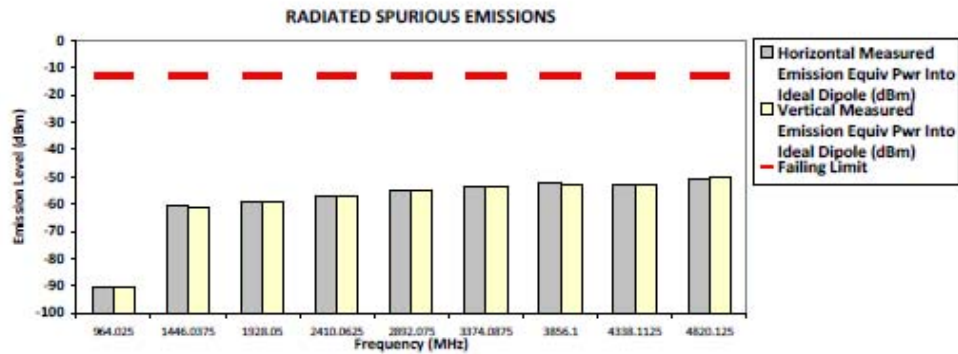
Exhibit 6F- 142: TRSE Analog – Freq 482.0125 MHz, Ch Sp 20 kHz

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
 482.012500 MHz 20 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)
964.0250	-13.0000	-90.2406 **	-90.8709 **
1446.0375	-13.0000	-60.5437 **	-61.0338 **
1928.0500	-13.0000	-59.3168 **	-58.8874 **
2410.0625	-13.0000	-56.9372 **	-57.2116 **
2892.0750	-13.0000	-55.0954 **	-54.9068 **
3374.0875	-13.0000	-53.3975 **	-53.5944 **
3856.1000	-13.0000	-52.5479 **	-53.1817 **
4338.1125	-13.0000	-52.8131 **	-52.6811 **
4820.1250	-13.0000	-50.9068 **	-50.1979 **



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

13/20

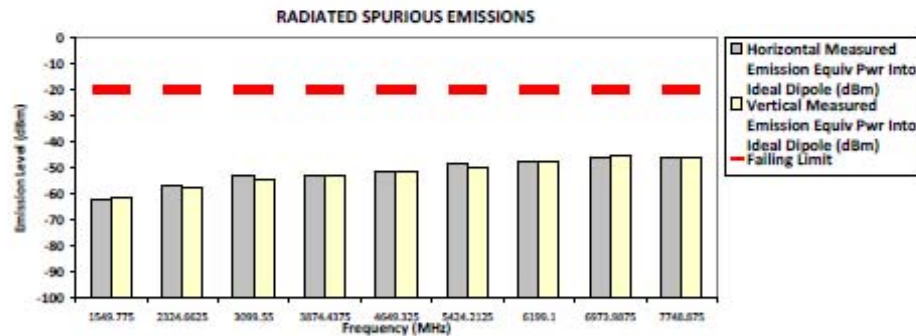
Exhibit 6F- 143: TRSE Analog 1 Watt – Freq 482.0125 MHz, Ch Sp 20 kHz

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
 774.887500 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)
1549.7750	-20.0000	-62.1971 **	-61.3049 **
2324.6625	-20.0000	-56.4640 **	-57.6482 **
3099.5500	-20.0000	-53.1628 **	-54.2914 **
3874.4375	-20.0000	-53.2398 **	-52.9934 **
4649.3250	-20.0000	-51.0083 **	-51.4643 **
5424.2125	-20.0000	-48.6802 **	-50.1117 **
6199.1000	-20.0000	-47.8157 **	-47.8359 **
6973.9875	-20.0000	-46.1769 **	-45.1518 **
7748.8750	-20.0000	-46.1112 **	-45.7565 **



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): 26.8 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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7/11

Exhibit 6F- 144: TRSE Phase II – Freq 774.8875 MHz, Ch Sp 12.5 kHz

FCC ID: A2492FT7089

774.887500 MHz	12.5 kHz	1.000 Watt(s) /Low Power
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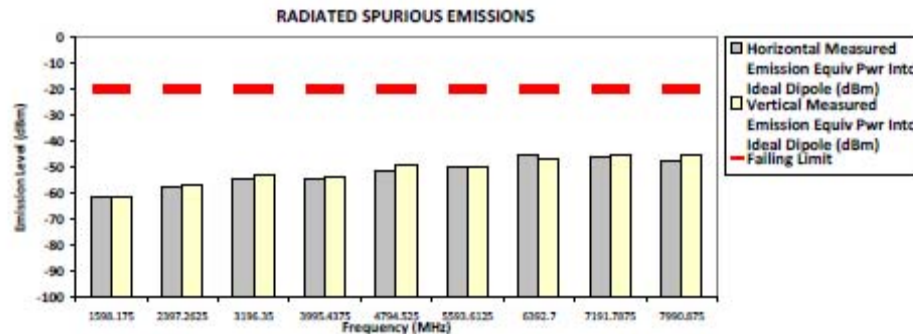
Motorola Solutions.

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

799.087500 MHz 12.5 kHz Test Mode: TX Phase II Digital
 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)
1598.1750	-20.0000	-61.2901 **	-61.6173 **
2397.2625	-20.0000	-57.6149 **	-56.5170 **
3196.3500	-20.0000	-54.0736 **	-52.7035 **
3995.4375	-20.0000	-54.1713 **	-53.8398 **
4794.5250	-20.0000	-51.5600 **	-48.8832 **
5593.6125	-20.0000	-49.6014 **	-50.2017 **
6392.7000	-20.0000	-45.3695 **	-46.6538 **
7191.7875	-20.0000	-45.7421 **	-45.1707 **
7990.8750	-20.0000	-47.1767 **	-45.5159 **



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): 26.8 Hum(%RH): 71.7

System MU: 5.01 dB

Remarks:

Passed Results

Marginal Results

Failed Results

9/11

Exhibit 6F- 146: TRSE Phase II – Freq 799.0875 MHz, Ch Sp 12.5 kHz

FCC ID: A2492FT7089

1.000 Watt(s) /Low Power

1559-1610 MHz Emissions (GNSS)

Tx Frequency	799.0875 MHz		
Channel Spacing	12.5 kHz		
Antenna	HAF4013A		
	Frequency (MHz)	Horizontal Radiated Spurious Emissions (dBm)	Vertical Radiated Spurious Emissions (dBm)
Spur - 2X Fundamental	1598.175	-41.39	-41.69

Exhibit 6F- 148: 1559 – 1610 MHz Radiated Emissions (GNSS), 799.0875 MHz

Tx Frequency	804.9125 MHz		
Channel Spacing	12.5 kHz		
Antenna	HAF4013A		
	Frequency (MHz)	Horizontal Radiated Spurious Emissions (dBm)	Vertical Radiated Spurious Emissions (dBm)
Spur - 2X Fundamental	1609.825	-46.58	-47.61

Exhibit 6F- 149: 1559 – 1610 MHz Radiated Emissions (GNSS), 804.9125 MHz

Exhibit 6G: Effective Radiated Power (ERP)

Equipment under test: M37TSS9PW1AN S/N: AM3A275

Measurement Criteria: Compliance Testing
Radiated Emissions

EMC Measurement Lab: Motorola Solutions, Inc. Malaysia Sdn Bhd (455657-H)
Plot 2, Bayan Lepas Technoplex Industrial Park,
Mukim 12 SWD 11900 Bayan Lepas Penang, Malaysia

Date Conducted: 8/16/2016

Results Summary: EUT meets the test requirements

Channel Spacing	12.5 kHz		
Antenna	HAF4013A		
Accessory	466-HMN4079G-1		
Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horizontal	769.0125	26.61	24.46
Vertical	769.0125	31.85	29.70

Exhibit 6G- 1: Effective Radiated Power (ERP), 769.0125 MHz

Channel Spacing	12.5 kHz		
Antenna	HAF4013A		
Accessory	466-HMN4079G-1		
Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horizontal	769.0875	39.03	36.88
Vertical	769.0875	44.22	42.07

Exhibit 6G- 2: Effective Radiated Power (ERP), 769.0875 MHz

Channel Spacing	12.5 kHz		
Antenna	HAF4013A		
Accessory	466-HMN4079G-1		
Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horizontal	799.0125	28.26	26.11
Vertical	799.0125	31.98	29.83

Exhibit 6G- 3: Effective Radiated Power (ERP), 799.0125 MHz

Channel Spacing	12.5 kHz		
Antenna	HAF4013A		
Accessory	466-HMN4079G-1		
Antenna Polarization	Frequency (MHz)	EIRP (dBm)	ERP (dBm)
Horizontal	804.9125	38.27	36.12
Vertical	804.9125	42.62	40.47

Exhibit 6G- 4: Effective Radiated Power (ERP), 804.9125 MHz

Exhibit 6H: Transmitter Conducted Spurious Emissions (TCSE)

Spurious response was measured at 138.0125 MHz, 158.55 MHz, 161.7 MHz, 173.3875 MHz, 380.0125 MHz, 406.2 MHz, 450.65 MHz, 459.125 MHz, 467.775 MHz, 482.0125 MHz, 511.9875 MHz, 519.9875 MHz, 764.0125 MHz, 769.0125 MHz, 769.0875 MHz, 774.8875 MHz, 799.0875 MHz, 804.9125 MHz, 806.0125 MHz, 814.9875 MHz, 823.9875 MHz, 851.0125 MHz, 860.0125 MHz, and 868.8875 MHz. Conducted emissions were measured to 2 GHz. All spurious and harmonic emissions are well below the FCC limit. (Note: Some chart titles might be slightly mislabeled, but the exhibit labels and data is accurate)

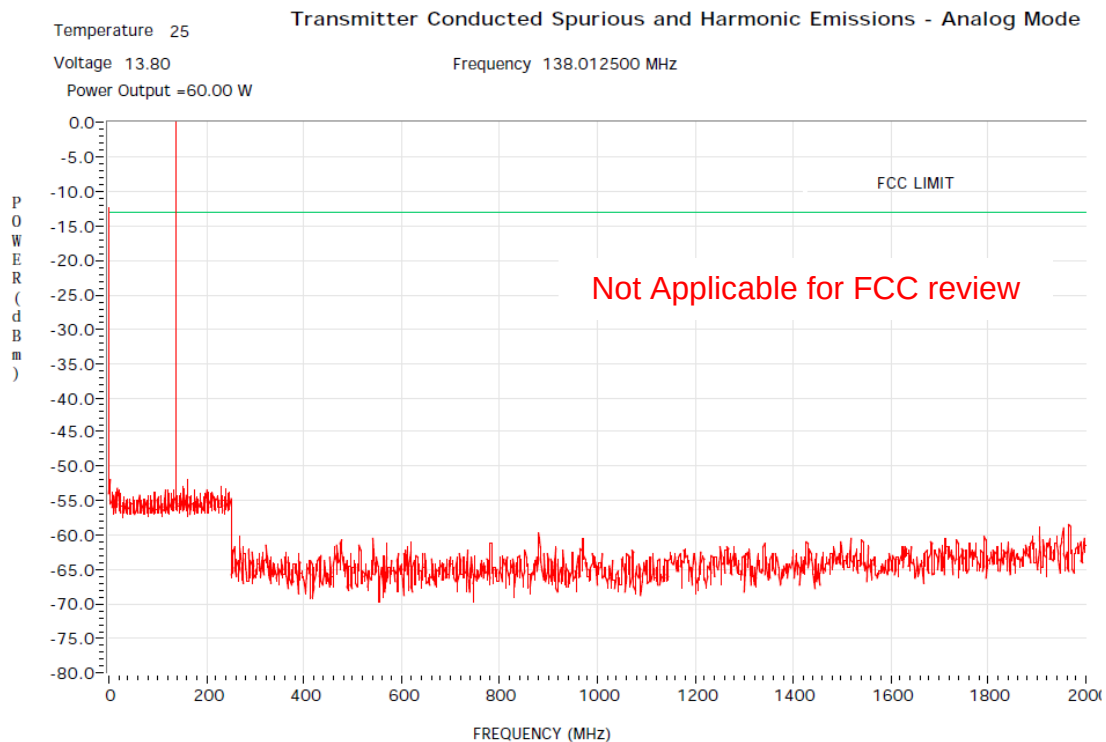
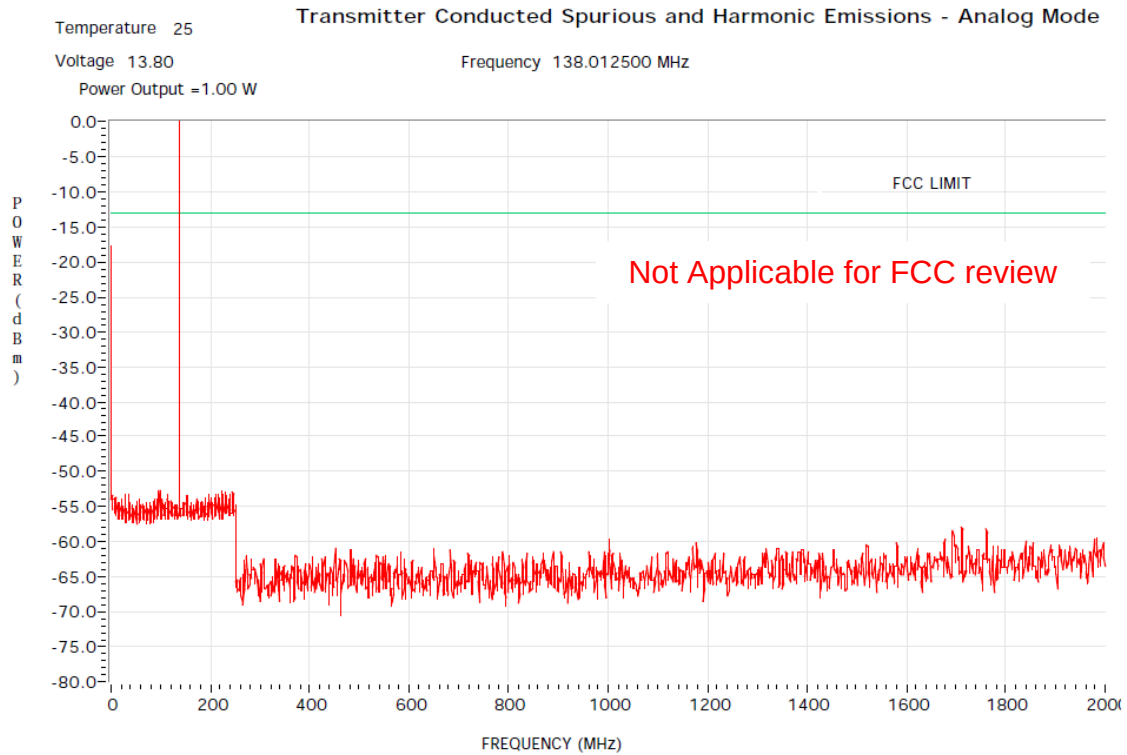
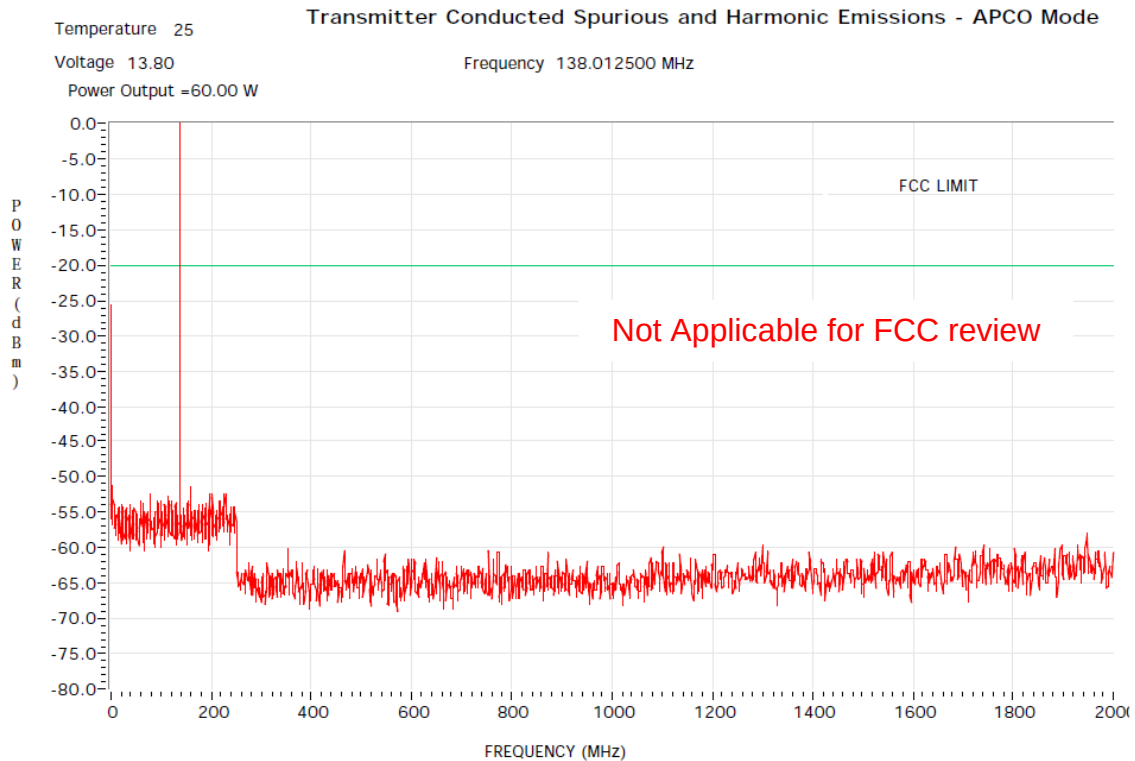
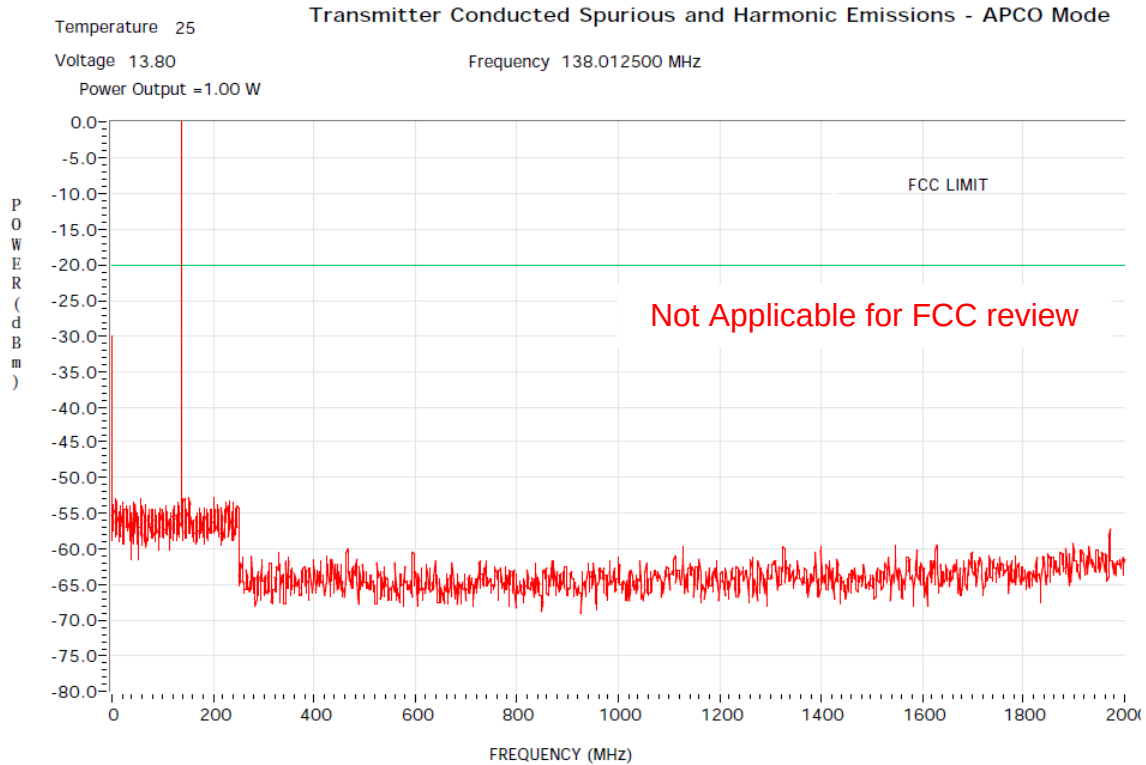
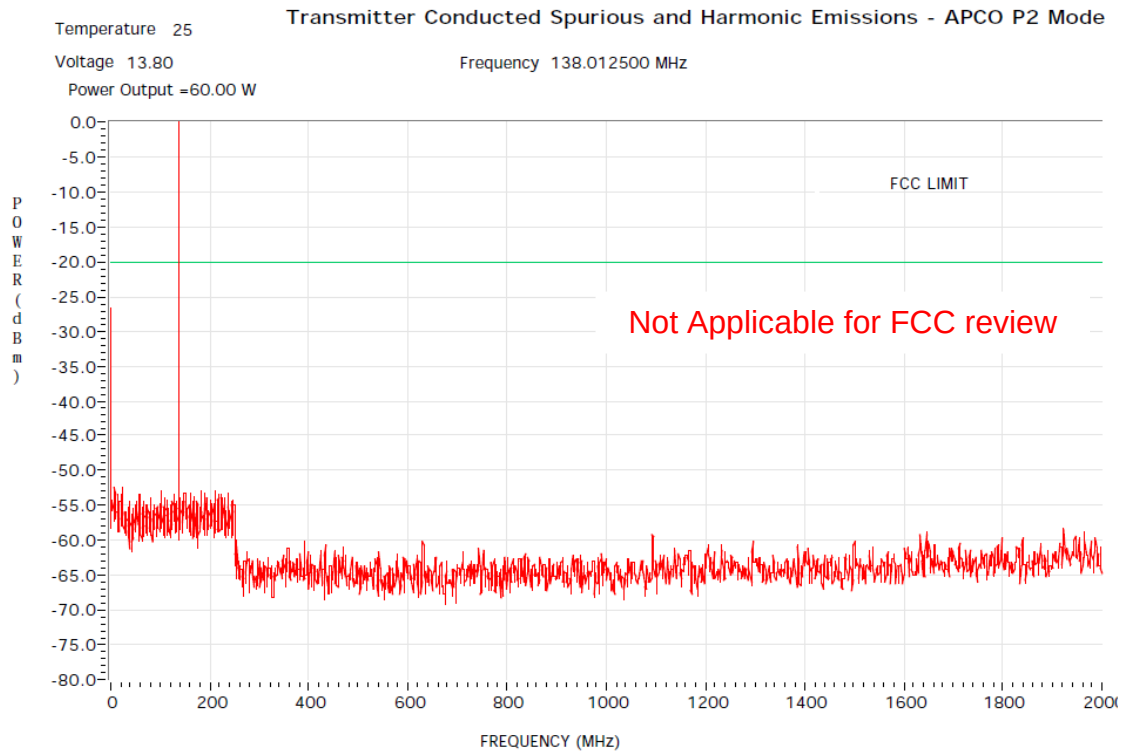
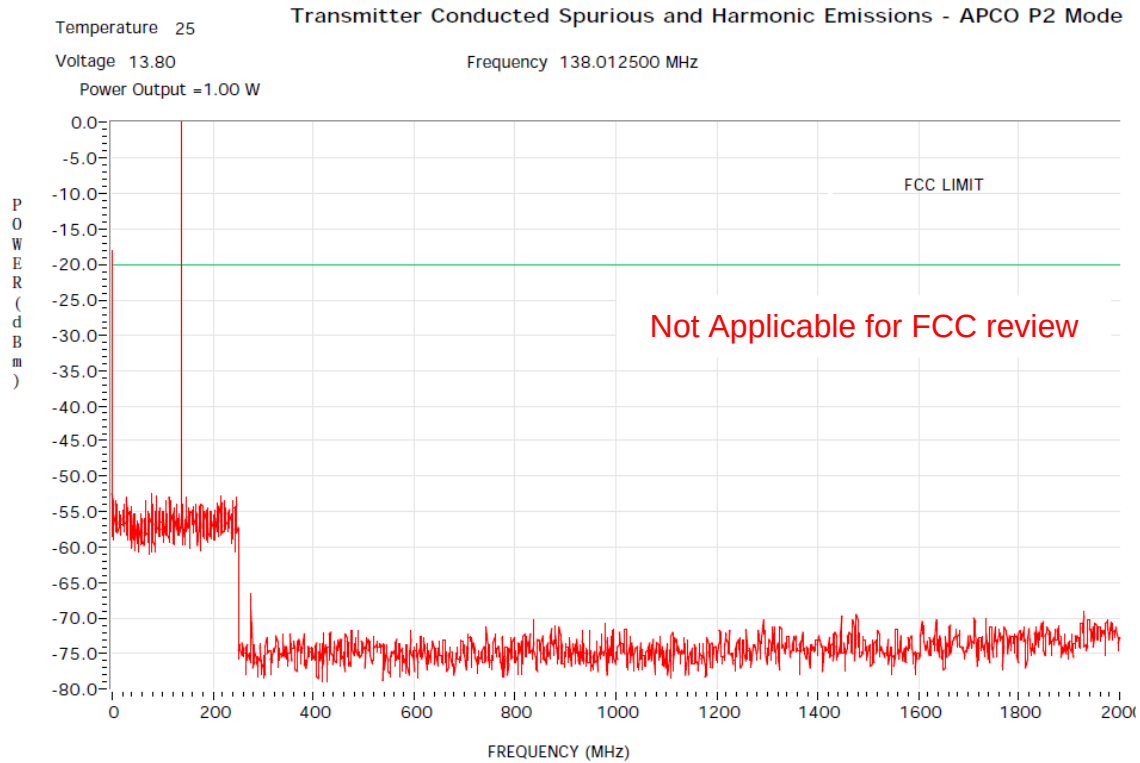
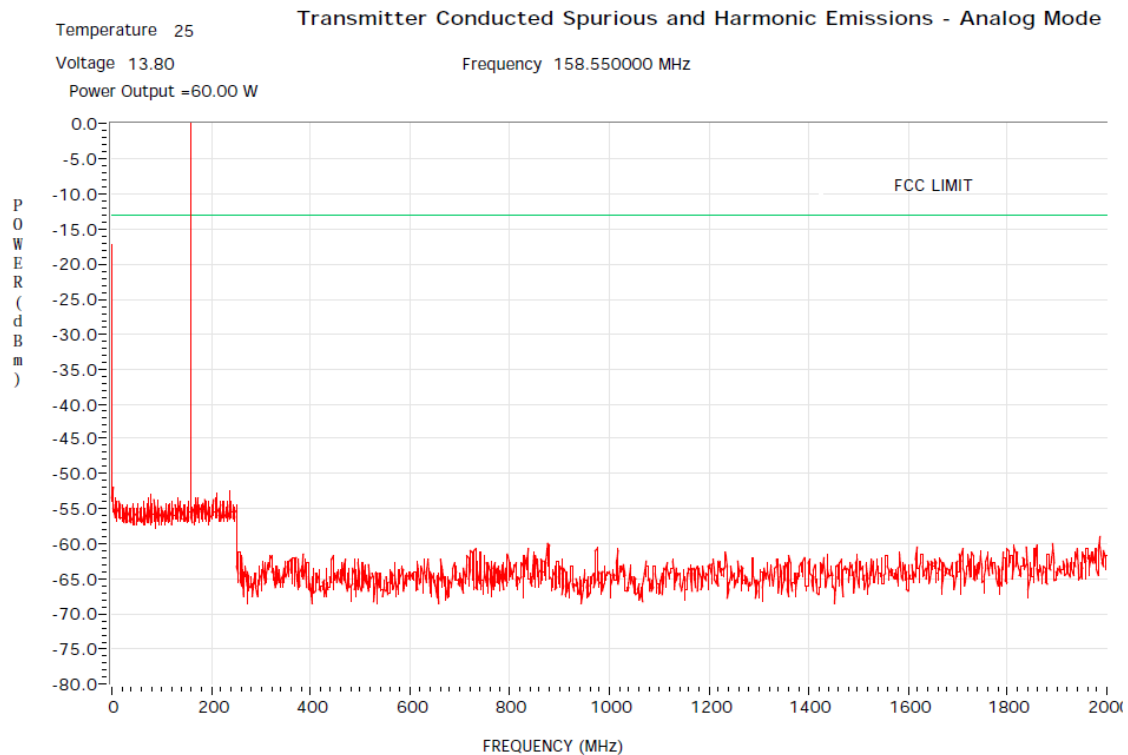
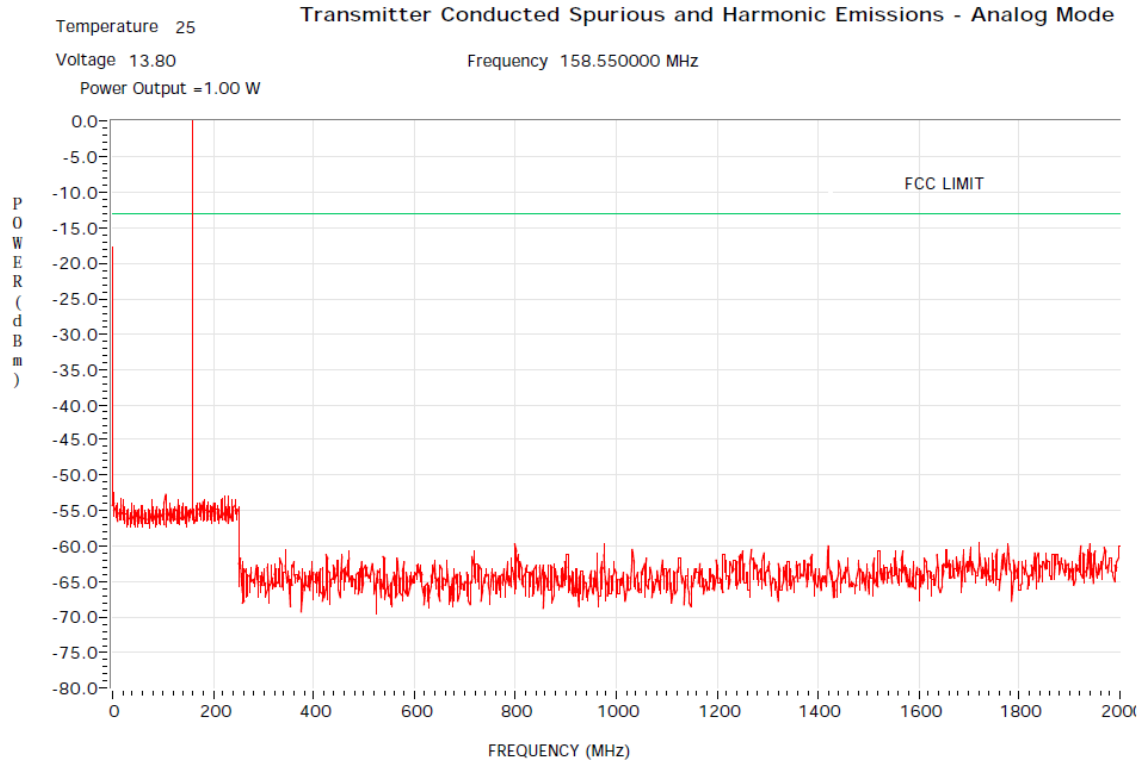
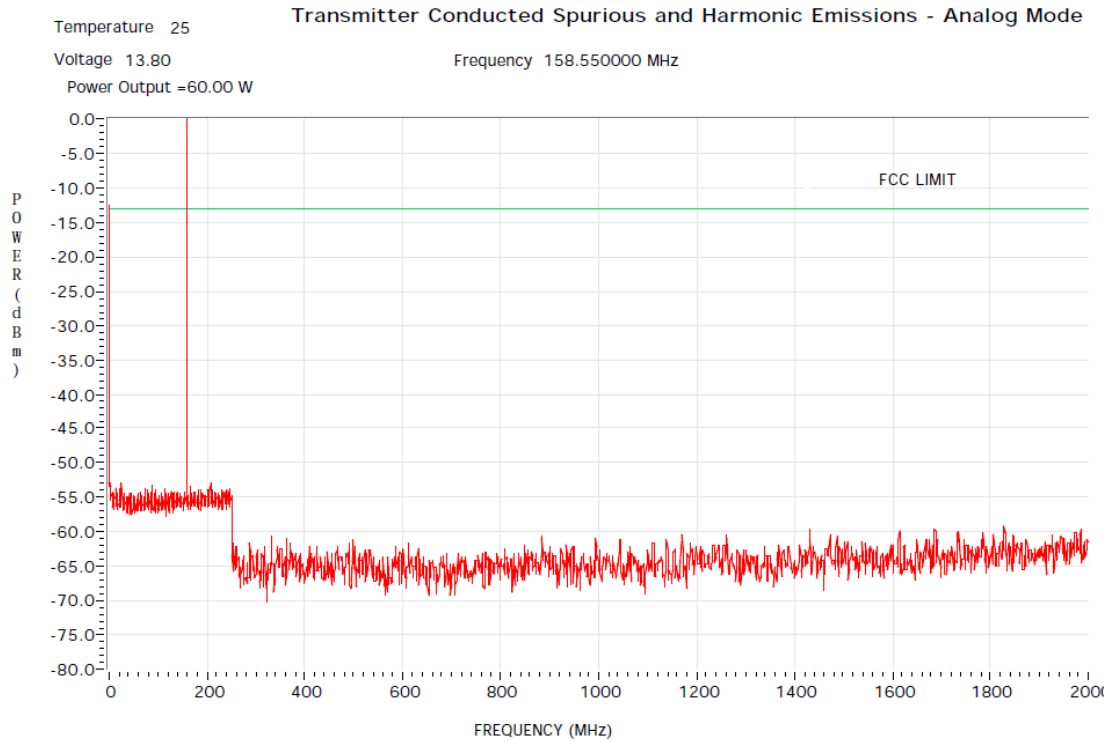


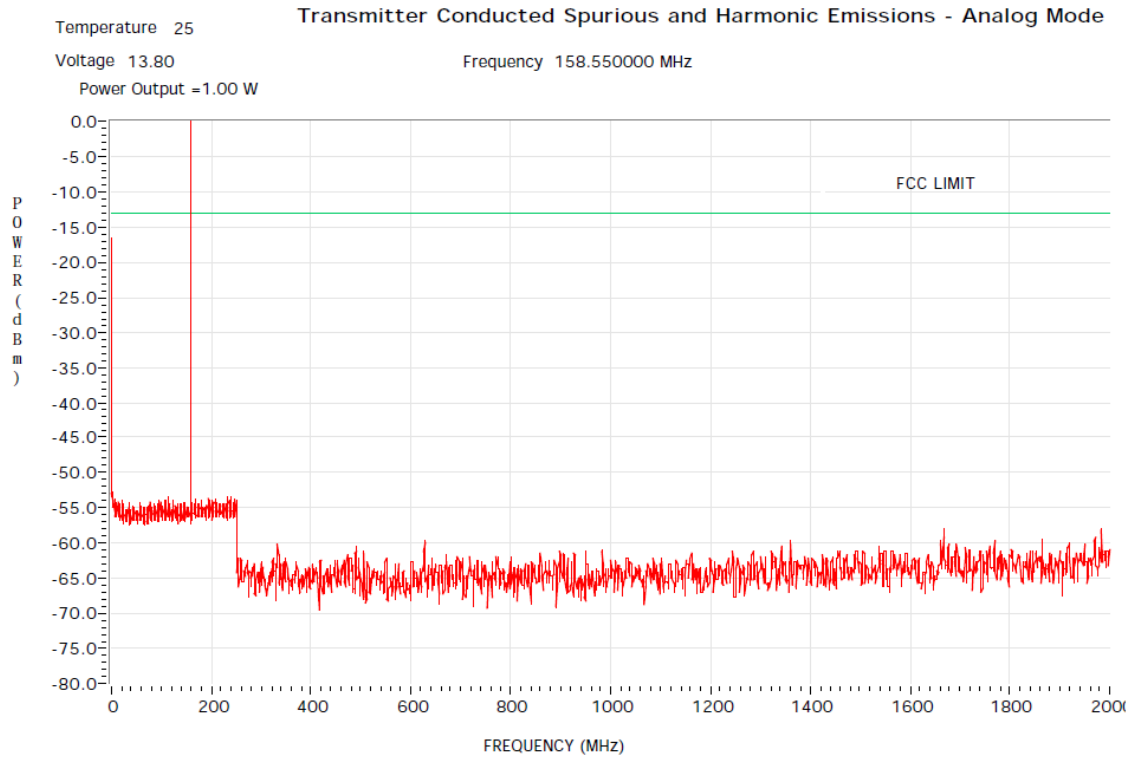
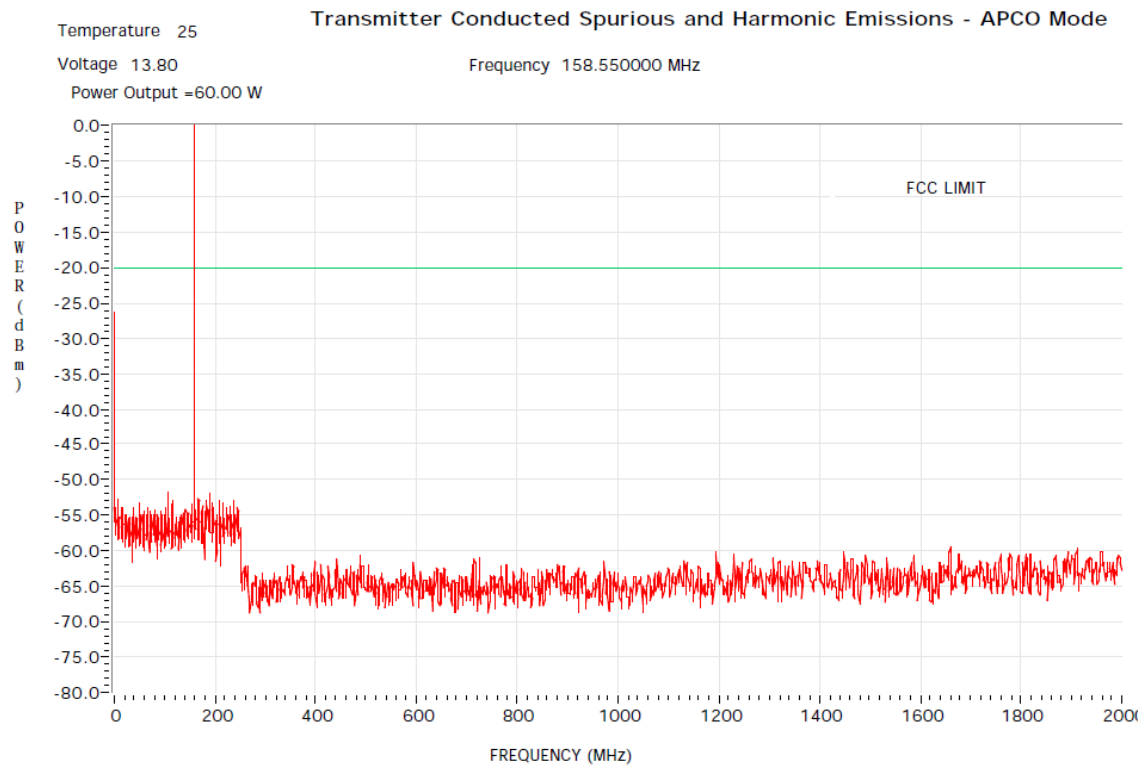
Exhibit 6H- 1: TCSE Analog High Power – Freq 138.0125 MHz, Ch Sp 25 kHz

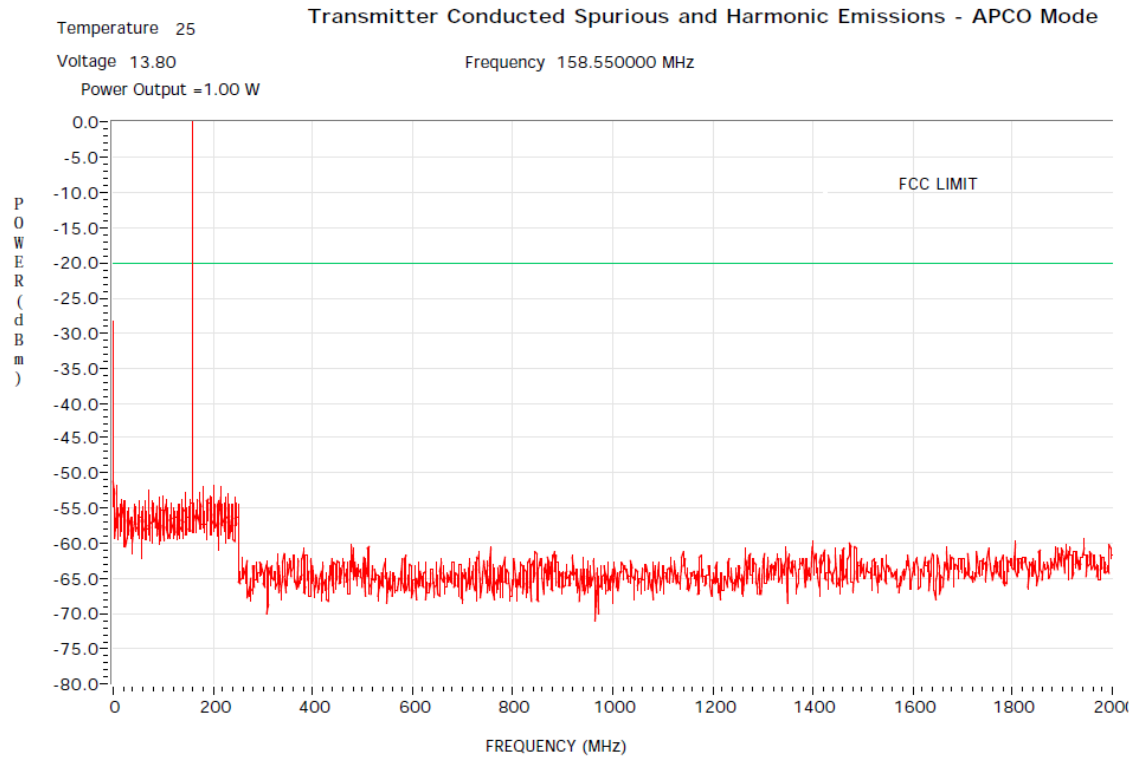
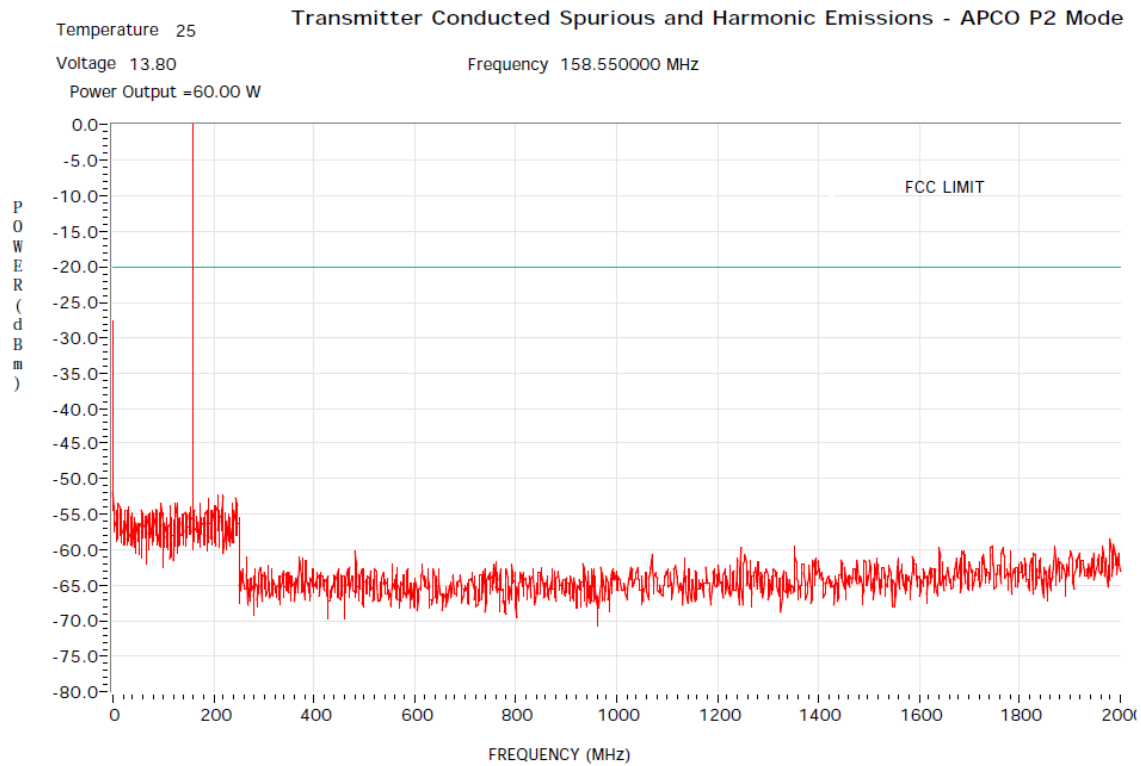
**Exhibit 6H- 2: TCSE Analog Low Power – Freq 138.0125 MHz, Ch Sp 25 kHz****Exhibit 6H- 3: TCSE APCO High Power – Freq 138.0125 MHz, Ch Sp 12.5 kHz**

**Exhibit 6H- 4: TCSE APCO Low Power – Freq 138.0125 MHz, Ch Sp 12.5 kHz****Exhibit 6H- 5: TCSE APCO Phase II High Power – Freq 138.0125 MHz, Ch Sp 12.5 kHz**

**Exhibit 6H- 6: TCSE APCO Phase II Low Power – Freq 138.0125 MHz, Ch Sp 12.5 kHz****Exhibit 6H- 7: TCSE Analog High Power – Freq 158.55 MHz, Ch Sp 20 kHz**

**Exhibit 6H- 8: TCSE Analog Low Power – Freq 158.55 MHz, Ch Sp 20 kHz****Exhibit 6H- 9: TCSE Analog High Power – Freq 158.55 MHz, Ch Sp 25 kHz**

**Exhibit 6H- 10: TCSE Analog Low Power – Freq 158.55 MHz, Ch Sp 25 kHz****Exhibit 6H- 11: TCSE APCO High Power – Freq 158.55 MHz, Ch Sp 12.5 kHz**

**Exhibit 6H- 12: TCSE APCO Low Power – Freq 158.55 MHz, Ch Sp 12.5 kHz****Exhibit 6H- 13: TCSE APCO Phase II High Power – Freq 158.55 MHz, Ch Sp 12.5 kHz**