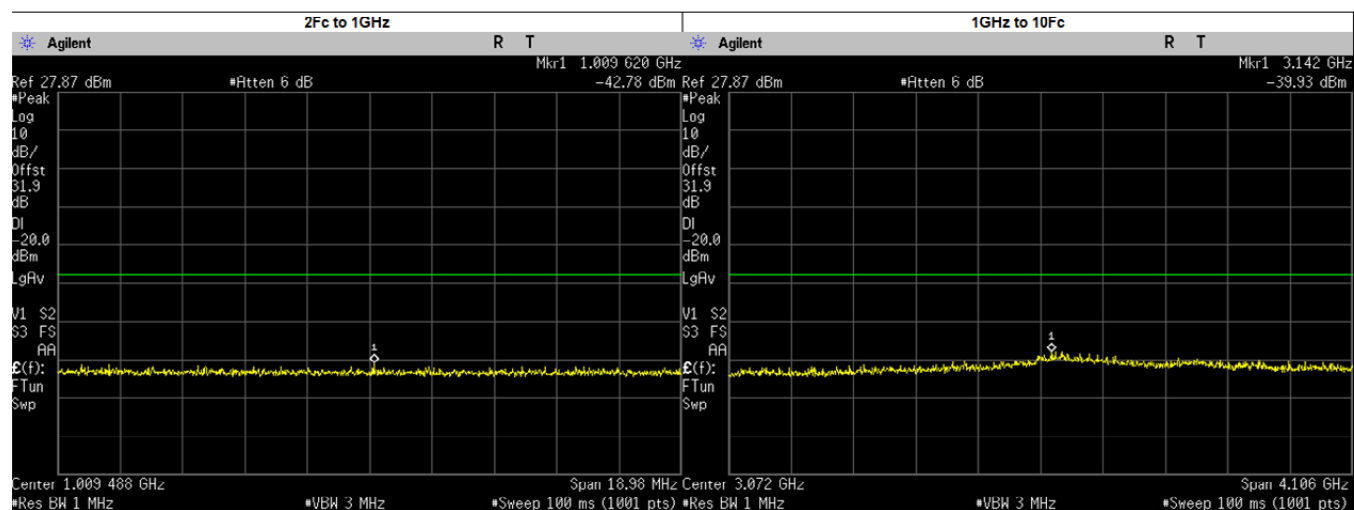
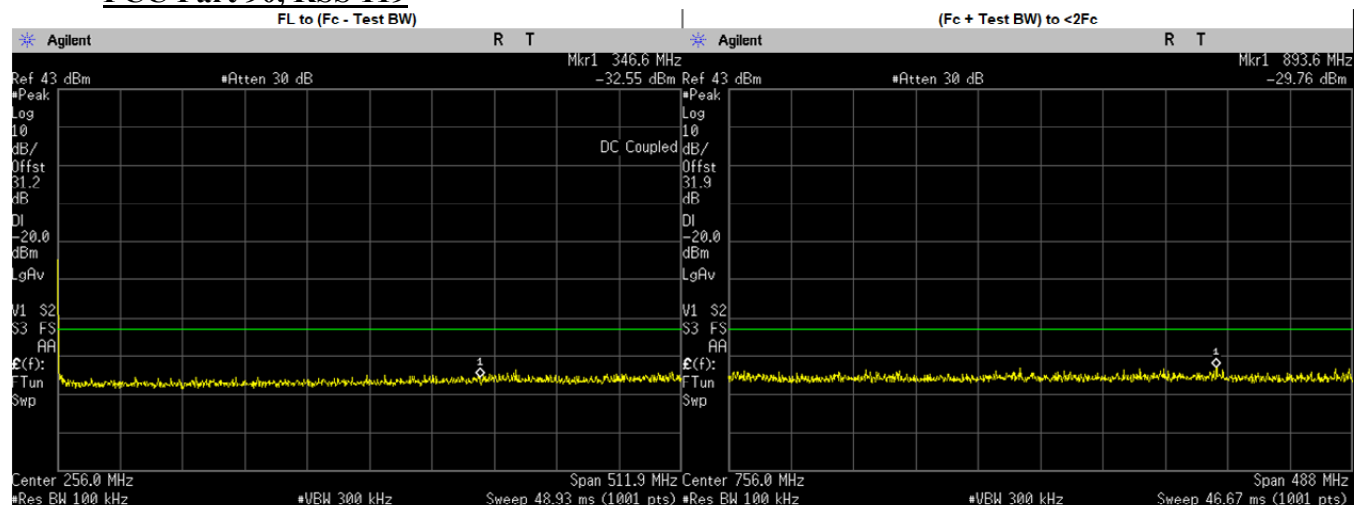
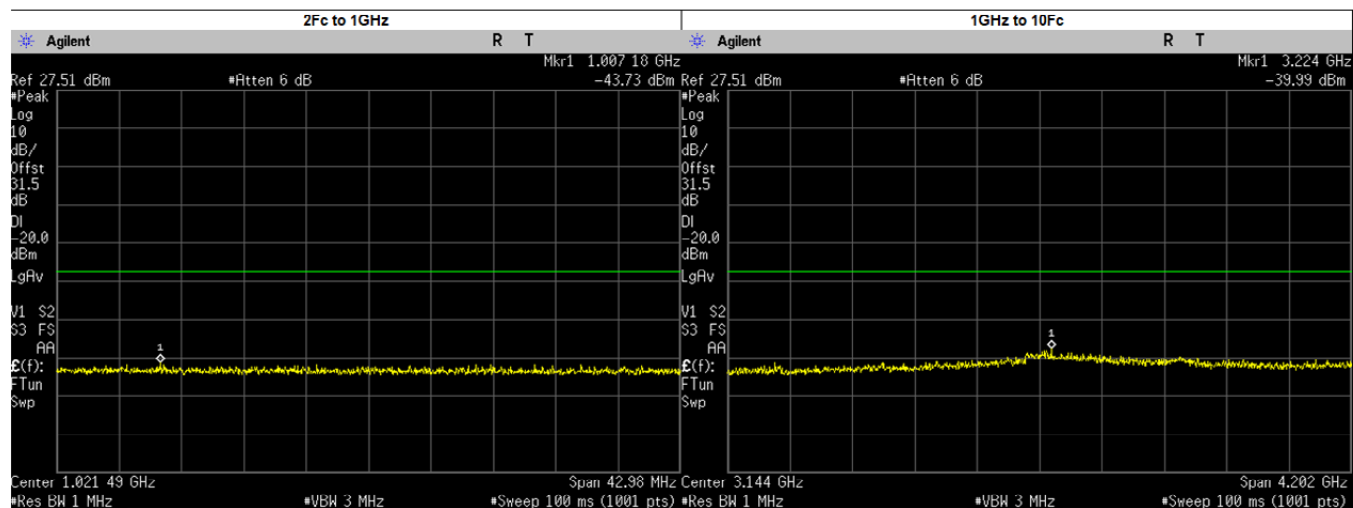
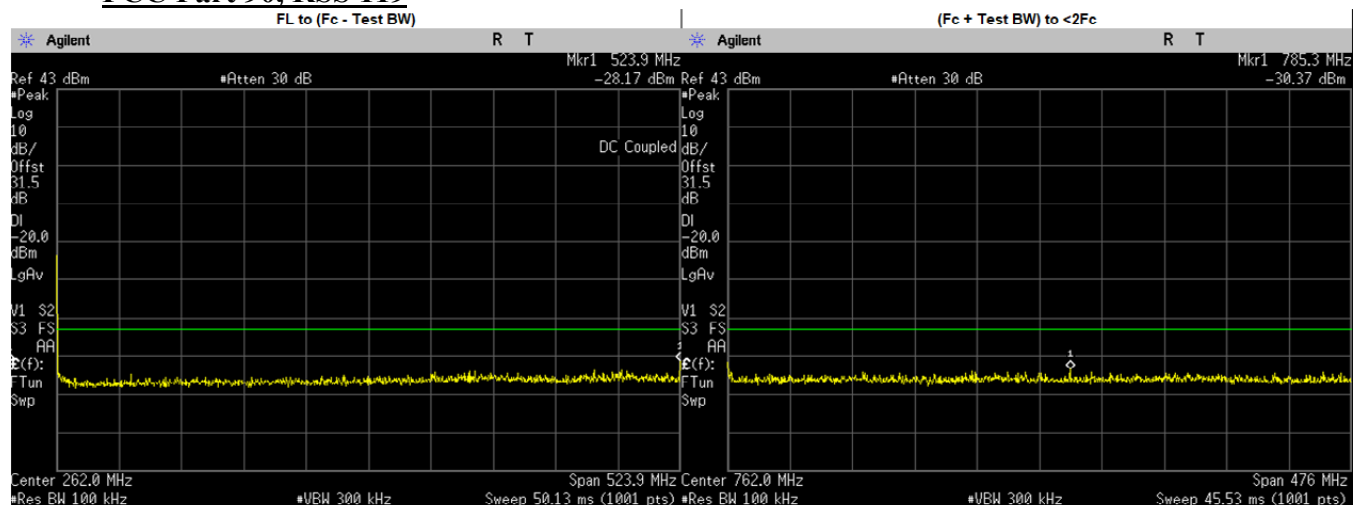


LSM: 511.9875 MHz, 12.5kHz Channel Spacing, Low Power
FCC Part 90, RSS 119



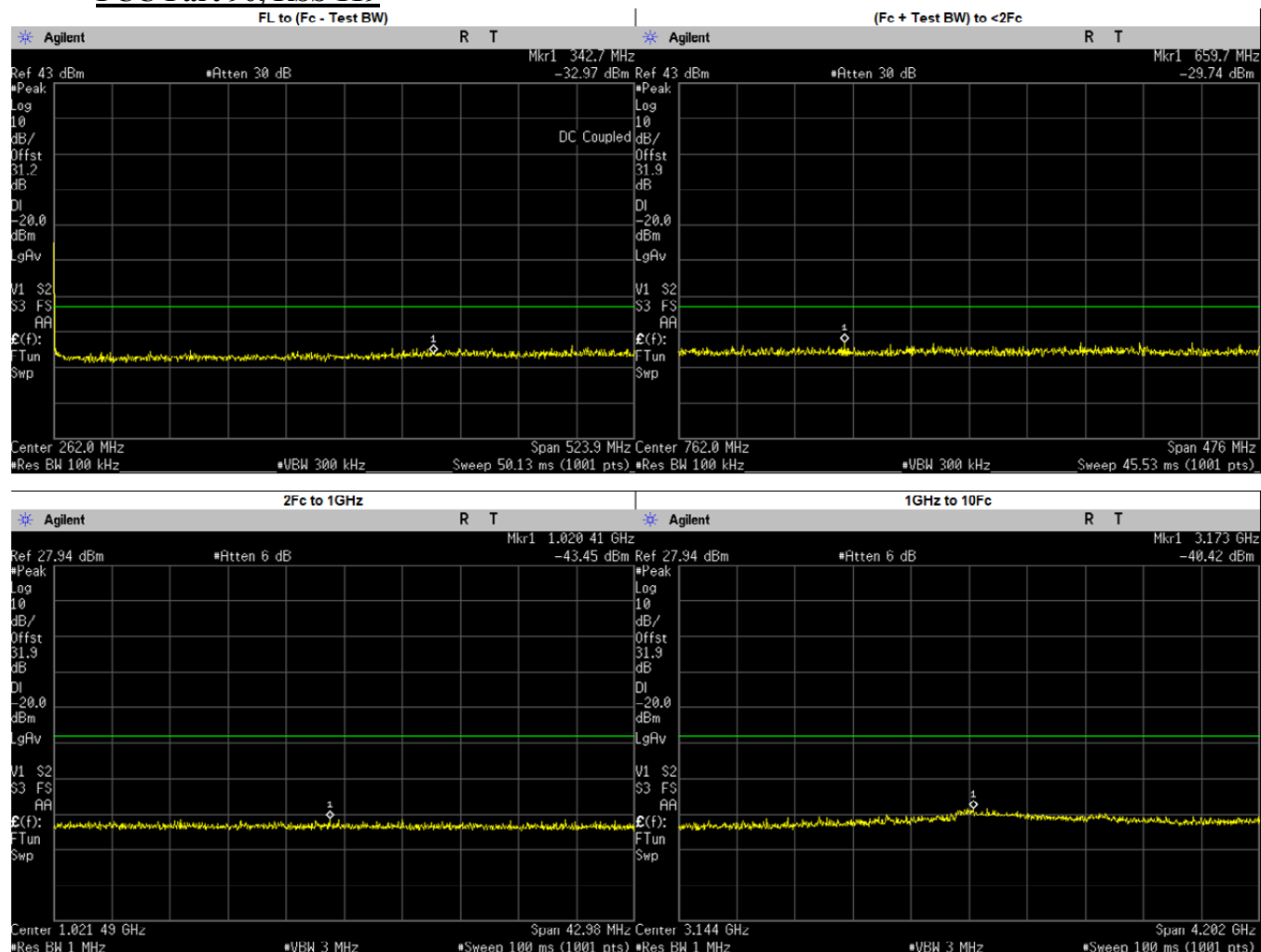
Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	346.6000	-32.5500	-20.00	PASS
(Fc + Test BW) to <2Fc	893.6257	-29.7600	-20.00	PASS
2Fc to 1GHz	1009.6200	-42.7800	-20.00	PASS
1GHz to 10Fc	1023.9750	-46.1748	-20.00	PASS
	1535.9630	-46.1340	-20.00	PASS
	2047.9500	-44.8764	-20.00	PASS
	2559.9370	-43.7755	-20.00	PASS
	3071.9250	-41.5290	-20.00	PASS
	3583.9120	-42.9356	-20.00	PASS
	4095.9000	-42.9445	-20.00	PASS
	4607.8870	-44.7225	-20.00	PASS
	5119.8750	-44.3184	-20.00	PASS
	3141.7250	-39.9300	-20.00	PASS

LSM: 523.9875 MHz, 12.5kHz Channel Spacing, Max Power
FCC Part 90, RSS 119



Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	523.9000	-28.1680	-20.00	PASS
(Fc + Test BW) to <2Fc	785.3440	-30.3700	-20.00	PASS
2Fc to 1GHz	1007.1770	-43.7300	-20.00	PASS
1GHz to 10Fc	1047.9750	-45.7179	-20.00	PASS
	1571.9630	-46.0555	-20.00	PASS
	2095.9500	-44.6278	-20.00	PASS
	2619.9370	-44.6436	-20.00	PASS
	3143.9250	-42.6170	-20.00	PASS
	3667.9120	-43.6827	-20.00	PASS
	4191.9000	-44.2880	-20.00	PASS
	4715.8870	-44.9716	-20.00	PASS
	5239.8750	-43.8446	-20.00	PASS
	3223.7610	-39.9900	-20.00	PASS

LSM: 523.9875 MHz, 12.5kHz Channel Spacing, Low Power
FCC Part 90, RSS 119



Frequency Range	Highest Spur Frequency (MHz)	Spurious Level (dBm)	Failing Limit (dBm)	Results
FL to (Fc - Test BW)	342.7000	-32.9730	-20.00	PASS
(Fc + Test BW) to <2Fc	659.6917	-29.7400	-20.00	PASS
2Fc to 1GHz	1020.4130	-43.4500	-20.00	PASS
1GHz to 10Fc	3173.3380	-40.4200	-20.00	PASS
	1047.9750	-45.5289	-20.00	PASS
	1571.9630	-45.5749	-20.00	PASS
	2095.9500	-44.4518	-20.00	PASS
	2619.9370	-43.2556	-20.00	PASS
	3143.9250	-41.2930	-20.00	PASS
	3667.9120	-42.6146	-20.00	PASS
	4191.9000	-43.1833	-20.00	PASS
	4715.8870	-43.9320	-20.00	PASS
	5239.8750	-44.2536	-20.00	PASS

6.10.4. Test Limit

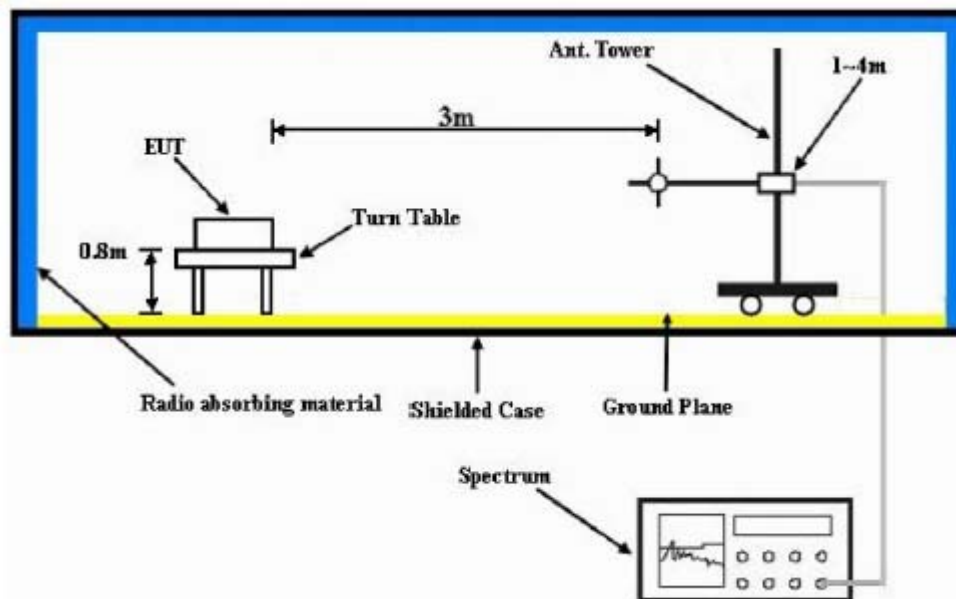
Table below summarized the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least

Channel Spacing	Part 22	Part 24D	Part 74	Part 80	Part 90 (UHF, VHF, 800, 900)	Part 90 (700)
12.5kHz	$43 + \log_{10}(P)$ (-13 dBm)	$43 + \log_{10}(P)$ (-13 dBm)	$43 + \log_{10}(P)$ (-13 dBm)	Not Applicable	$50 + \log_{10}(P)$ (-20 dBm)	$43 + \log_{10}(P)$ (-13 dBm)
25kHz		Not Applicable		$43 + \log_{10}(P)$ (-13 dBm)	$43 + \log_{10}(P)$ (-13 dBm)	$43 + \log_{10}(P)$ (-13 dBm)

Channel Spacing	RSS 134	RSS 182	RSS 119 (UHF, VHF, 800, 900)	RSS 119 (700)
12.5kHz	$43 + \log_{10}(P)$ (-13 dBm)	Not Applicable	$50 + \log_{10}(P)$ (-20 dBm)	$43 + \log_{10}(P)$ (-13 dBm)
25kHz	Not Applicable	$43 + \log_{10}(P)$ (-13 dBm)	$43 + \log_{10}(P)$ (-13 dBm)	$43 + \log_{10}(P)$ (-13 dBm)

6.11. Radiated Spurious Emission

6.11.1. Test Setup



- 1) The Resolution Bandwidth for scanning Radiated Emission below 1 GHz is 100 kHz with Video Bandwidth = 300 kHz and Resolution Bandwidth for above 1 GHz is 1 MHz with Video Bandwidth = 3 MHz. Detector mode is positive peak.
- 2) In the semi- anechoic chamber, setup as illustrated above the DUT placed on the 0.8m height (for $F_c < 1\text{GHz}$) or 1.5m height (for $F_c > 1\text{GHz}$) of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.
- 3) The substitution antenna is substituted for DUT at the same position and signals generator (S.G) export the CW signal to the substitution antenna via a TX cable. The receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum radiation power. Record the power level of maximum radiation power from spectrum. So, the measured substitution value = Ref level of S.G + TX cables loss – Substituted Antenna Gain.
- 4) Final Radiated Spurious Emission = “Read Value” + Measured substitution value.

6.11.2. Test Result (Analog)

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

Test Mode: TX Analog

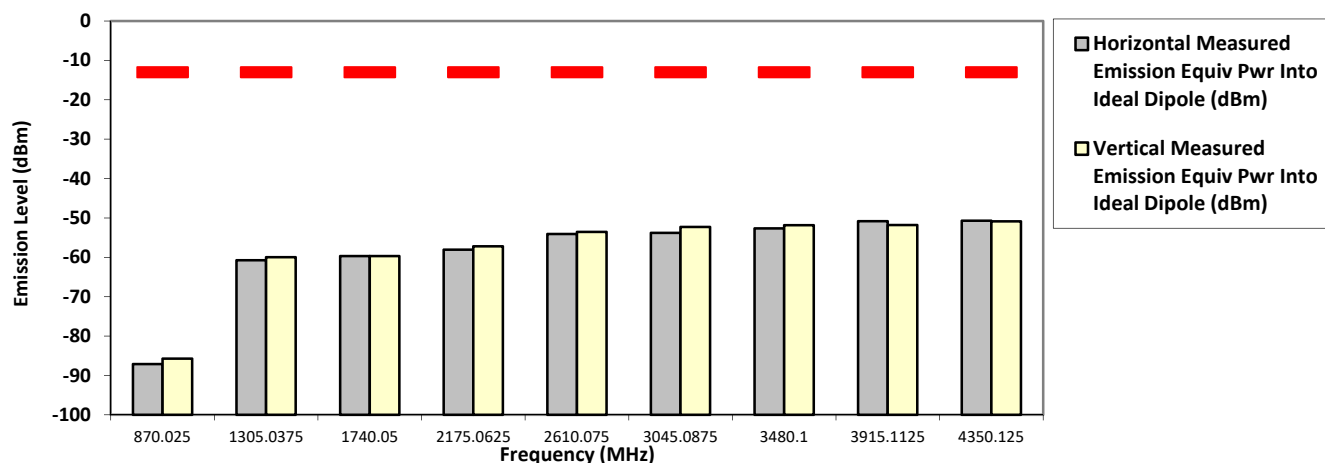
435.012500 MHz

25 kHz

2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
870.0250	-13.0000	-87.0915 **	-85.7431 **
1305.0375	-13.0000	-60.7251 **	-59.9796 **
1740.0500	-13.0000	-59.6724 **	-59.6759 **
2175.0625	-13.0000	-58.0765 **	-57.2107 **
2610.0750	-13.0000	-54.0851 **	-53.5377 **
3045.0875	-13.0000	-53.7994 **	-52.2839 **
3480.1000	-13.0000	-52.6522 **	-51.8530 **
3915.1125	-13.0000	-50.8460 **	-51.8159 **
4350.1250	-13.0000	-50.7063 **	-50.8812 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
 Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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SR:19588-EMC-00008

Accy Part No: 3082933N20-C3

110.000 Watt(s) /Max Power

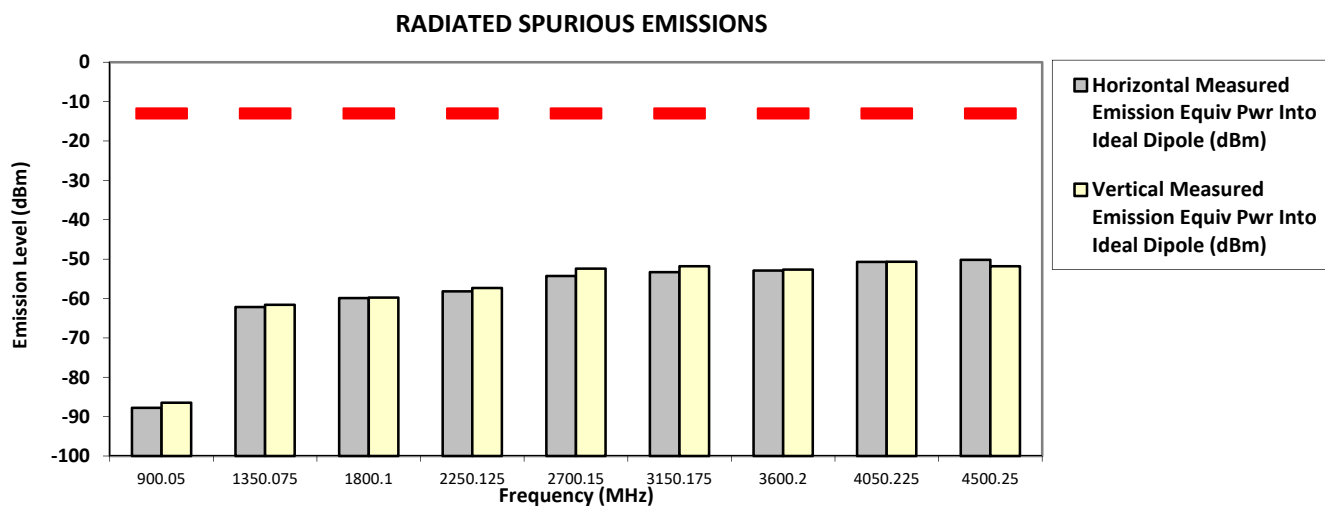
SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**

Test Mode: TX Analog

450.025000 MHz **25 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
900.0500	-13.0000	-87.7542 **	-86.4598 **
1350.0750	-13.0000	-62.1794 **	-61.6157 **
1800.1000	-13.0000	-59.8848 **	-59.7758 **
2250.1250	-13.0000	-58.1749 **	-57.3193 **
2700.1500	-13.0000	-54.2901 **	-52.4353 **
3150.1750	-13.0000	-53.3252 **	-51.7919 **
3600.2000	-13.0000	-52.8850 **	-52.6632 **
4050.2250	-13.0000	-50.6933 **	-50.6785 **
4500.2500	-13.0000	-50.1904 **	-51.8162 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SR:19588-EMC-00008

Accy Part No: 3082933N20-C3

110.000 Watt(s) /Max Power

SR:19588-EMC-00008

Accy Part No: 3082933N20-C3

2.000 Watt(s) /Low Power

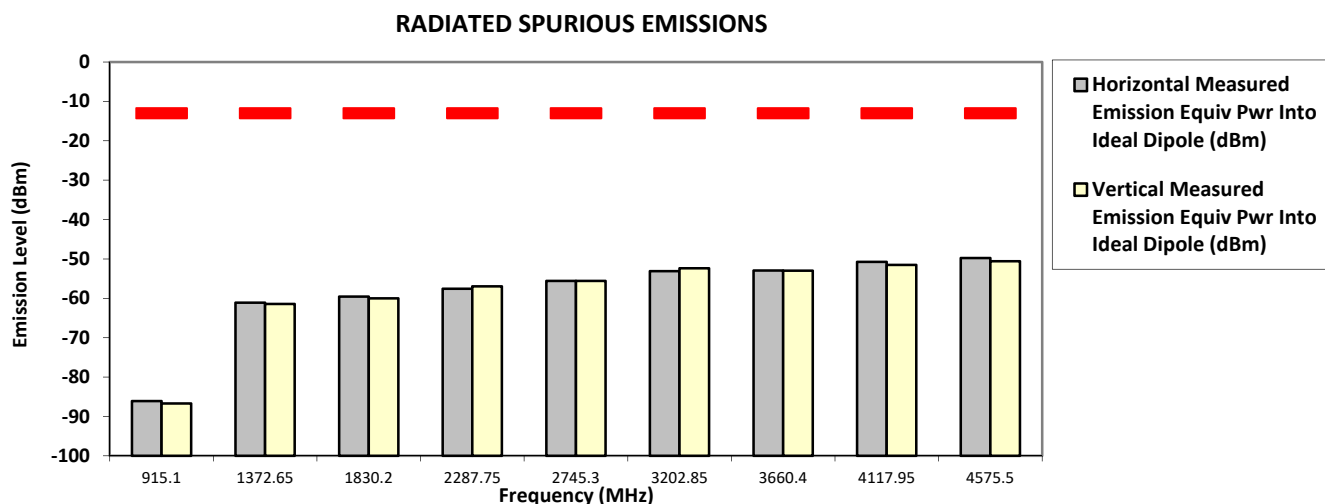
SR:19588-EMC-00008

Accy Part No: 3082933N20-C3

110.000 Watt(s) /Max Power

SAC Transmitter Radiated Emission:
Model Number: T7039A (T7039-UHFR2C) **S/N:** 112CWF1609 **SR:**19588-EMC-00008
Battery Part No: NA **Accy Part No:** 3082933N20-C3
Test Mode: TX Analog
457.550000 MHz **25 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
915.1000	-13.0000	-86.0838 **	-86.6964 **
1372.6500	-13.0000	-61.0943 **	-61.4264 **
1830.2000	-13.0000	-59.5807 **	-60.0138 **
2287.7500	-13.0000	-57.5862 **	-56.9588 **
2745.3000	-13.0000	-55.5868 **	-55.5692 **
3202.8500	-13.0000	-53.0921 **	-52.3855 **
3660.4000	-13.0000	-52.9375 **	-52.9996 **
4117.9500	-13.0000	-50.7596 **	-51.5396 **
4575.5000	-13.0000	-49.7589 **	-50.5838 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

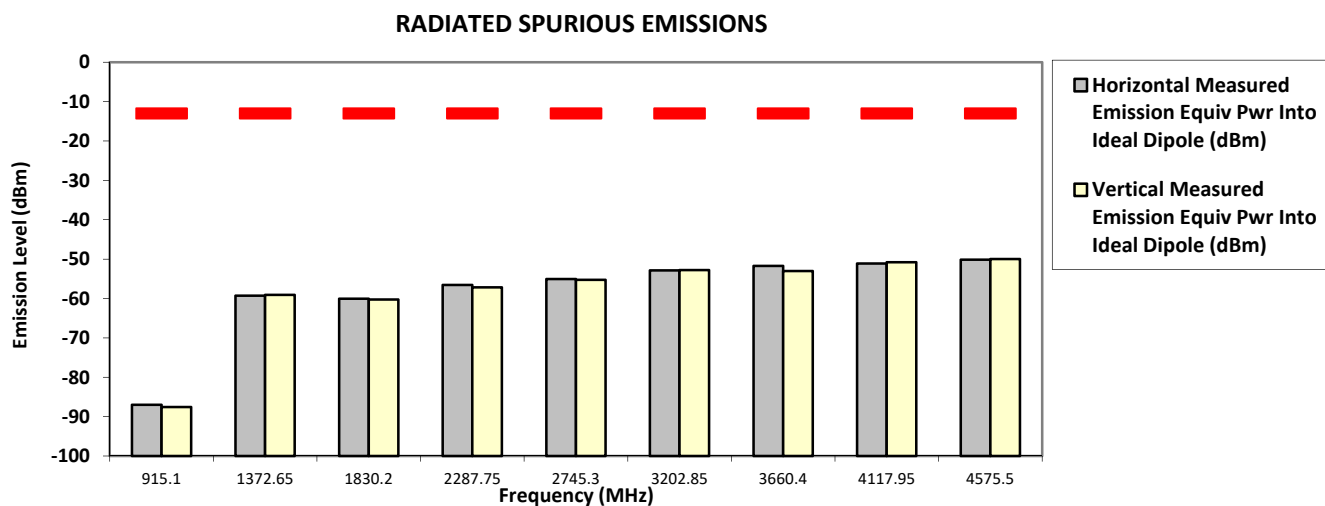
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
457.550000 MHz **Test Mode: TX Analog** **25 kHz** **50.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
915.1000	-13.0000	-86.9673 **	-87.5586 **
1372.6500	-13.0000	-59.2982 **	-59.0662 **
1830.2000	-13.0000	-60.0595 **	-60.2427 **
2287.7500	-13.0000	-56.5533 **	-57.1779 **
2745.3000	-13.0000	-55.0539 **	-55.2792 **
3202.8500	-13.0000	-52.8622 **	-52.7805 **
3660.4000	-13.0000	-51.7250 **	-53.0295 **
4117.9500	-13.0000	-51.1086 **	-50.8065 **
4575.5000	-13.0000	-50.1356 **	-49.9970 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

Test Mode: TX Analog

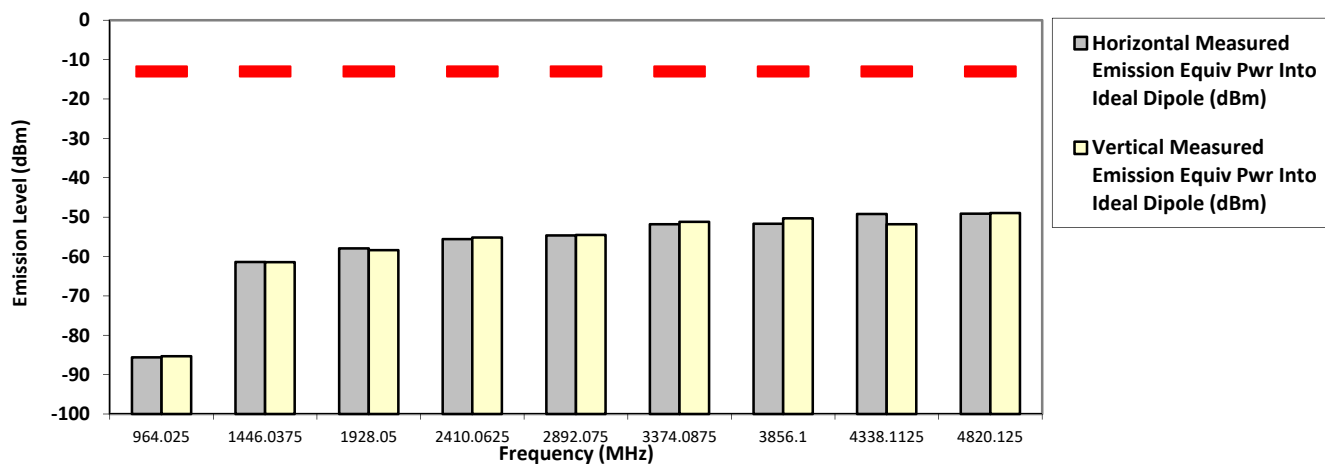
482.012500 MHz

25 kHz

2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
964.0250	-13.0000	-85.6126 **	-85.3223 **
1446.0375	-13.0000	-61.4058 **	-61.4215 **
1928.0500	-13.0000	-57.9447 **	-58.4041 **
2410.0625	-13.0000	-55.5769 **	-55.1584 **
2892.0750	-13.0000	-54.6409 **	-54.5305 **
3374.0875	-13.0000	-51.7964 **	-51.1996 **
3856.1000	-13.0000	-51.6934 **	-50.2939 **
4338.1125	-13.0000	-49.2121 **	-51.7950 **
4820.1250	-13.0000	-49.1274 **	-48.9727 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Wed, May 13, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

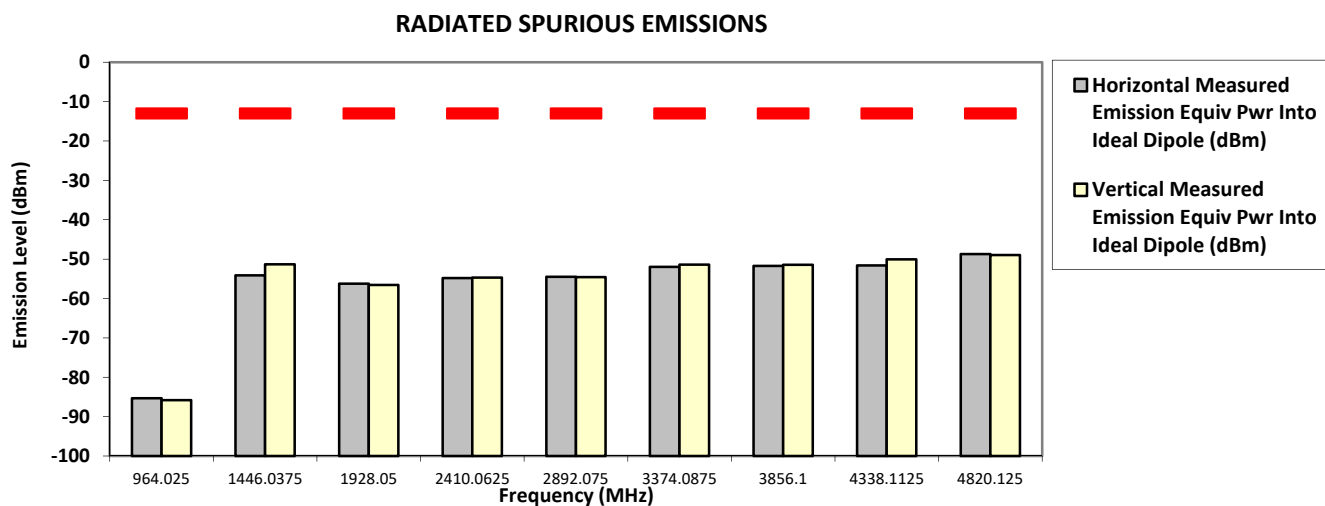
Remarks:

Passed Results	Marginal Results	Failed Results
----------------	------------------	----------------

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
482.012500 MHz **Test Mode: TX Analog** **25 kHz** **110.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
964.0250	-13.0000	-85.3212 **	-85.8076 **
1446.0375	-13.0000	-54.1100 *	-51.3300 *
1928.0500	-13.0000	-56.2165 **	-56.5542 **
2410.0625	-13.0000	-54.8065 **	-54.7048 **
2892.0750	-13.0000	-54.4883 **	-54.5558 **
3374.0875	-13.0000	-51.9791 **	-51.4168 **
3856.1000	-13.0000	-51.7414 **	-51.4308 **
4338.1125	-13.0000	-51.5991 **	-50.0736 **
4820.1250	-13.0000	-48.7094 **	-48.9552 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Wed, May 13, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SR:19588-EMC-00008

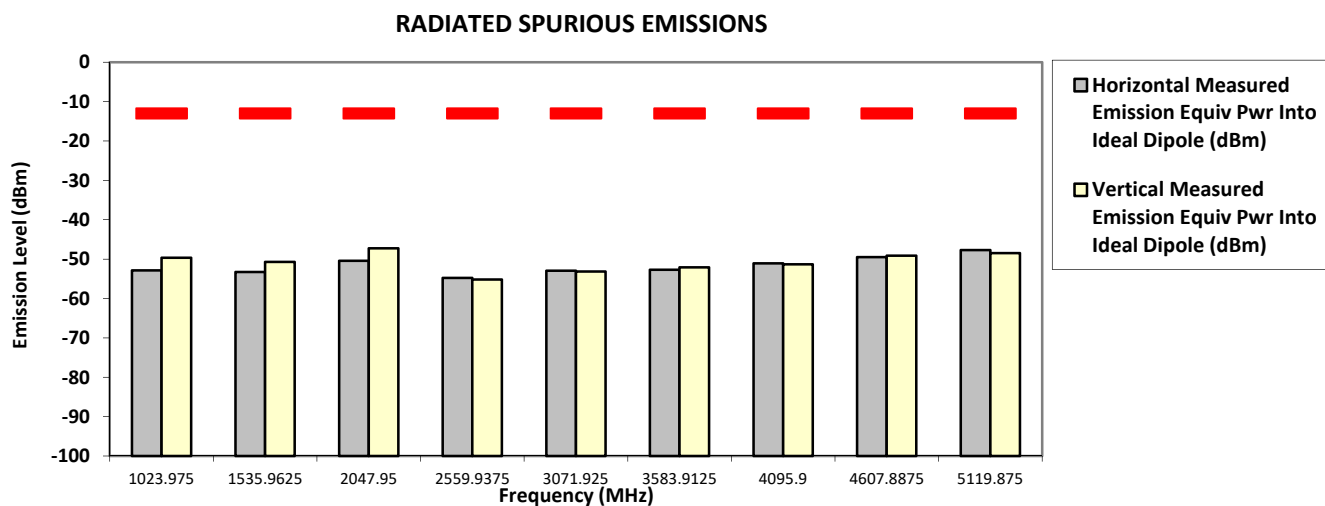
Accy Part No: 3082933N20-C3

2.000 Watt(s) /Low Power

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
511.987500 MHz **Test Mode: TX Analog** **110.000 Watt(s) /Max Power**
25 kHz

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1023.9750	-13.0000	-52.8500 *	-49.6400 *
1535.9625	-13.0000	-53.2600 *	-50.7300 *
2047.9500	-13.0000	-50.4200 *	-47.2700 *
2559.9375	-13.0000	-54.7659 **	-55.1624 **
3071.9250	-13.0000	-52.9637 **	-53.1615 **
3583.9125	-13.0000	-52.6943 **	-52.0934 **
4095.9000	-13.0000	-51.0956 **	-51.3085 **
4607.8875	-13.0000	-49.4762 **	-49.1139 **
5119.8750	-13.0000	-47.6992 **	-48.4642 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

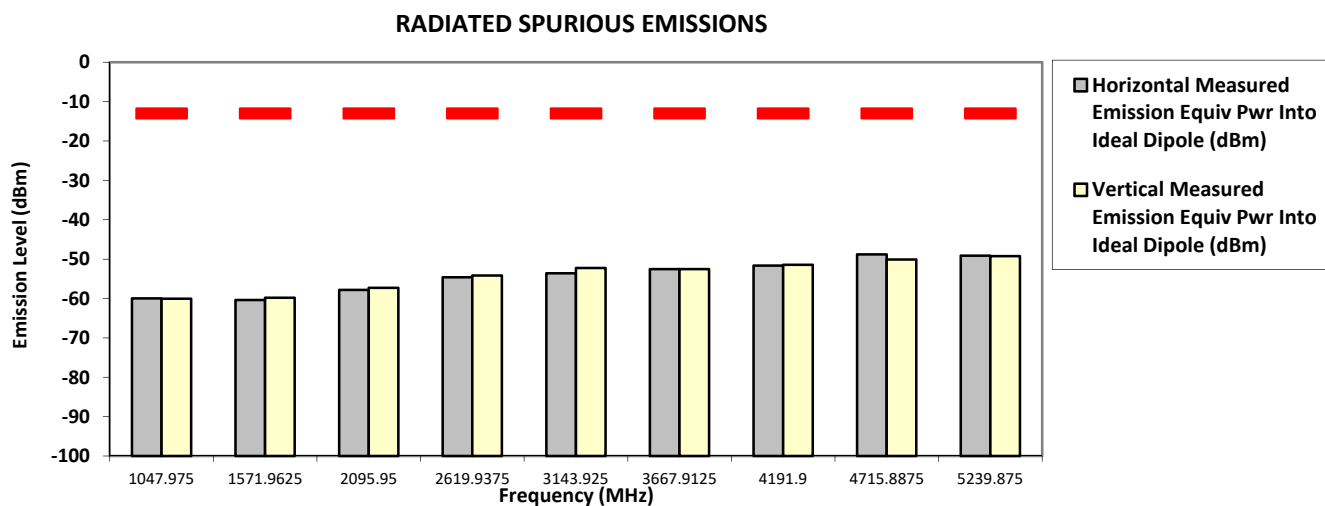
System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
523.987500 MHz **Test Mode: TX Analog** **2.000 Watt(s) /Low Power**
25 kHz

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1047.9750	-13.0000	-59.9839 **	-60.0429 **
1571.9625	-13.0000	-60.3831 **	-59.8267 **
2095.9500	-13.0000	-57.8332 **	-57.2829 **
2619.9375	-13.0000	-54.5972 **	-54.1600 **
3143.9250	-13.0000	-53.5867 **	-52.2335 **
3667.9125	-13.0000	-52.5328 **	-52.5554 **
4191.9000	-13.0000	-51.6631 **	-51.4591 **
4715.8875	-13.0000	-48.8068 **	-50.1093 **
5239.8750	-13.0000	-49.1061 **	-49.2493 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

Test Mode: TX Analog

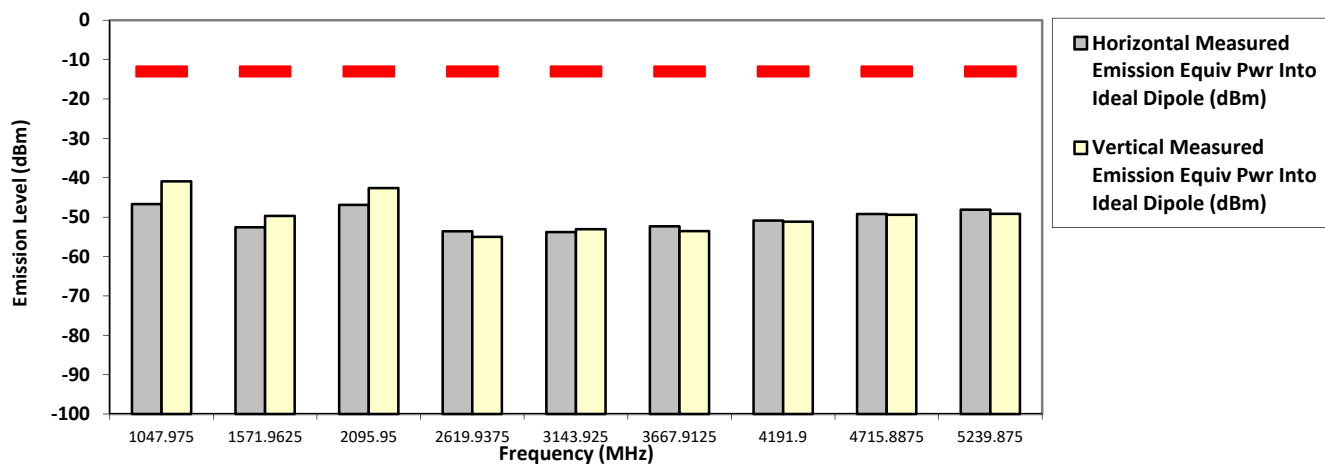
523.987500 MHz

25 kHz

110.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1047.9750	-13.0000	-46.6700 *	-40.9300 *
1571.9625	-13.0000	-52.5600 *	-49.7100 *
2095.9500	-13.0000	-46.8900 *	-42.6400 *
2619.9375	-13.0000	-53.6052 **	-55.0101 **
3143.9250	-13.0000	-53.7874 **	-53.0530 **
3667.9125	-13.0000	-52.3214 **	-53.5411 **
4191.9000	-13.0000	-50.8587 **	-51.1764 **
4715.8875	-13.0000	-49.2042 **	-49.3985 **
5239.8750	-13.0000	-48.0924 **	-49.1561 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
----------------	------------------	----------------

6.11.3. Test Result (Digital)

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

Test Mode: TX Digital C4FM

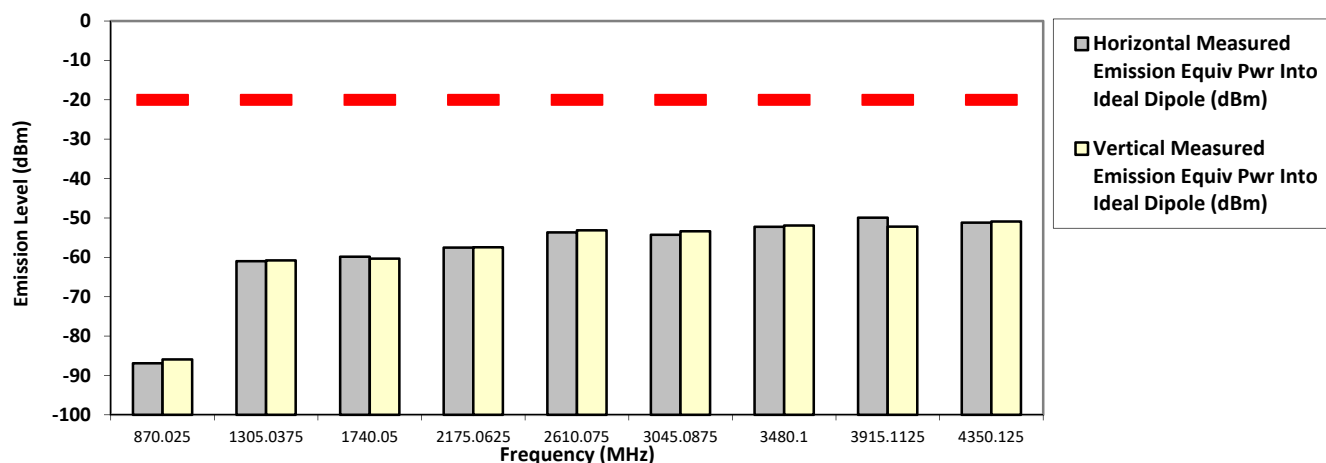
435.012500 MHz

12.5 kHz

2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
870.0250	-20.0000	-86.9000 **	-85.9165 **
1305.0375	-20.0000	-60.9690 **	-60.8010 **
1740.0500	-20.0000	-59.8689 **	-60.3423 **
2175.0625	-20.0000	-57.5443 **	-57.4362 **
2610.0750	-20.0000	-53.6643 **	-53.1642 **
3045.0875	-20.0000	-54.2800 **	-53.3987 **
3480.1000	-20.0000	-52.2532 **	-51.9377 **
3915.1125	-20.0000	-49.9430 **	-52.1947 **
4350.1250	-20.0000	-51.1794 **	-50.9130 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks:

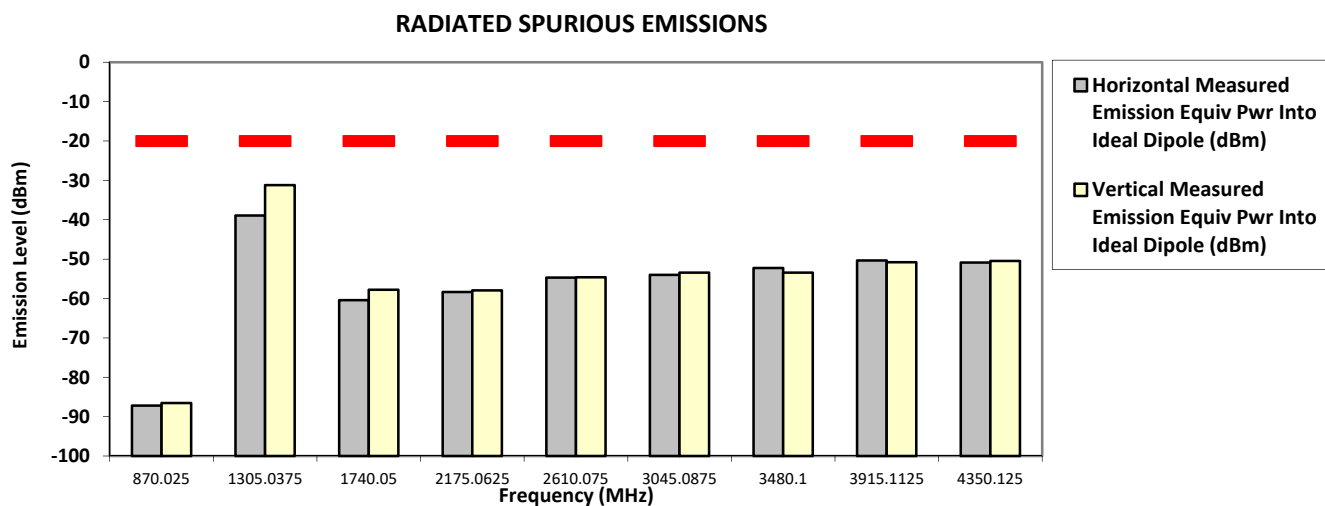
Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**

Test Mode: TX Digital C4FM
435.012500 MHz **12.5 kHz** **110.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
870.0250	-20.0000	-87.1678 **	-86.5510 **
1305.0375	-20.0000	-38.9200	-31.2300
1740.0500	-20.0000	-60.4072 **	-57.7959 **
2175.0625	-20.0000	-58.3308 **	-57.9588 **
2610.0750	-20.0000	-54.6705 **	-54.6032 **
3045.0875	-20.0000	-54.0078 **	-53.4344 **
3480.1000	-20.0000	-52.2581 **	-53.4389 **
3915.1125	-20.0000	-50.3417 **	-50.7834 **
4350.1250	-20.0000	-50.8885 **	-50.4709 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

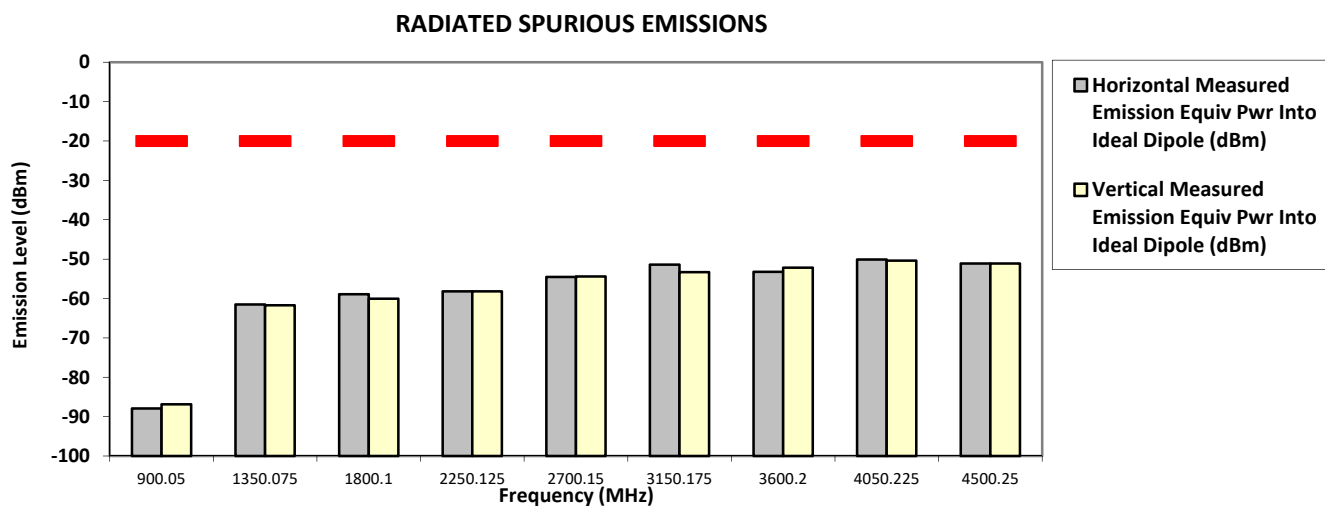
System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
450.025000 MHz **Test Mode: TX Digital C4FM** **2.000 Watt(s) /Low Power**
12.5 kHz

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
900.0500	-20.0000	-87.9252 **	-86.8583 **
1350.0750	-20.0000	-61.5002 **	-61.7263 **
1800.1000	-20.0000	-58.9074 **	-60.0653 **
2250.1250	-20.0000	-58.2007 **	-58.2030 **
2700.1500	-20.0000	-54.5422 **	-54.4113 **
3150.1750	-20.0000	-51.4140 **	-53.3162 **
3600.2000	-20.0000	-53.2201 **	-52.1842 **
4050.2250	-20.0000	-50.1027 **	-50.3819 **
4500.2500	-20.0000	-51.1244 **	-51.1021 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

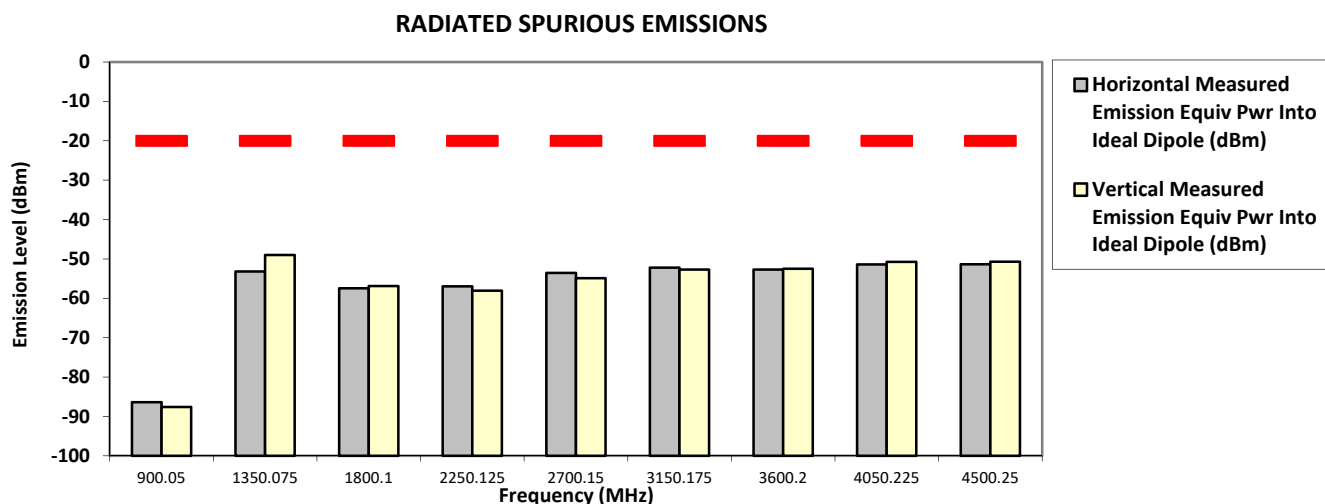
System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

450.025000 MHz

Test Mode: TX Digital C4FM
12.5 kHz

110.000 Watt(s) /Max Power

[illegible]

The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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SR:19588-EMC-00008

Accy Part No: 3082933N20-C3

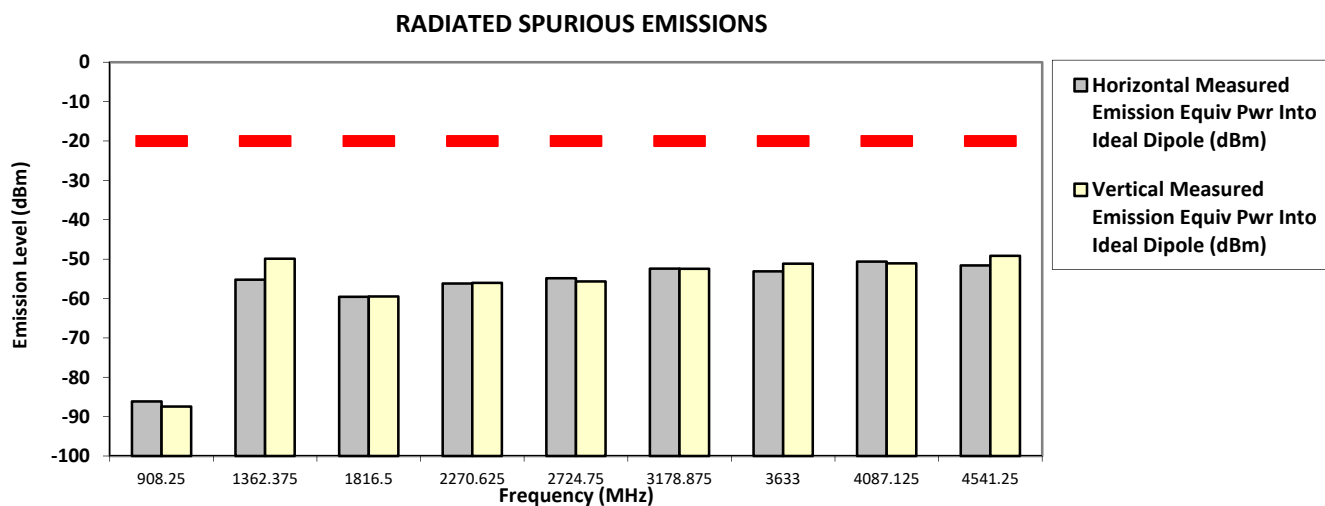
2.000 Watt(s) /Low Power

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**

Test Mode: TX Digital C4FM
454.125000 MHz **12.5 kHz** **110.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
908.2500	-20.0000	-86.1113 **	-87.4357 **
1362.3750	-20.0000	-55.2300 *	-49.9000 *
1816.5000	-20.0000	-59.5463 **	-59.5038 **
2270.6250	-20.0000	-56.1814 **	-56.0187 **
2724.7500	-20.0000	-54.8429 **	-55.6757 **
3178.8750	-20.0000	-52.4303 **	-52.4607 **
3633.0000	-20.0000	-53.1179 **	-51.1675 **
4087.1250	-20.0000	-50.6431 **	-51.0840 **
4541.2500	-20.0000	-51.6067 **	-49.1800 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

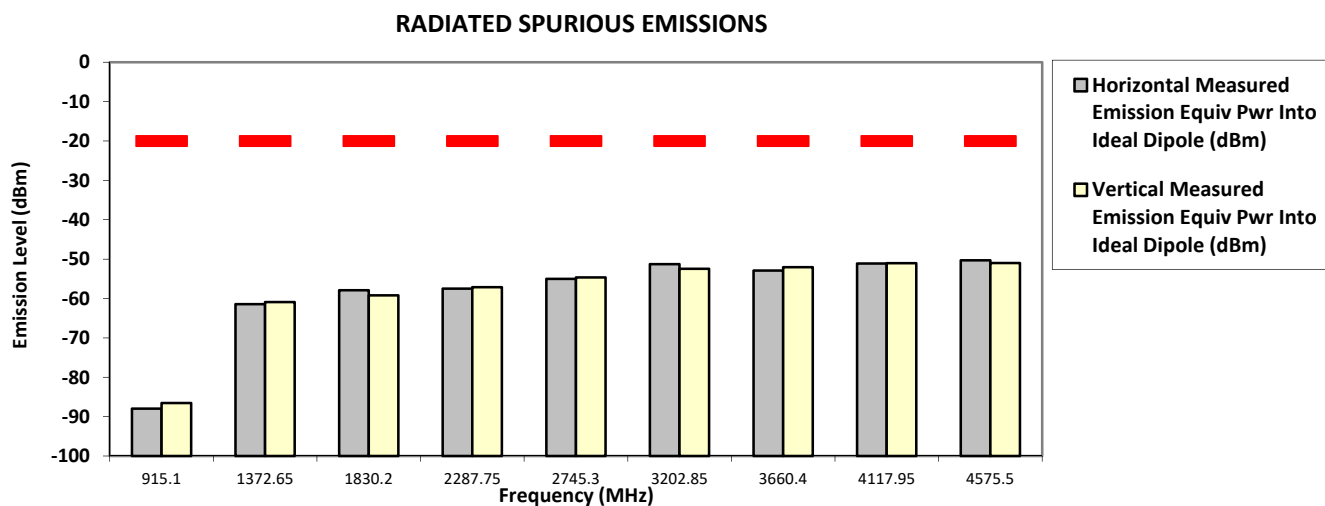
Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**

457.550000 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
915.1000	-20.0000	-87.9424 **	-86.5291 **
1372.6500	-20.0000	-61.4194 **	-60.9054 **
1830.2000	-20.0000	-57.8808 **	-59.1850 **
2287.7500	-20.0000	-57.4928 **	-57.1191 **
2745.3000	-20.0000	-55.0356 **	-54.6409 **
3202.8500	-20.0000	-51.2669 **	-52.4733 **
3660.4000	-20.0000	-52.9211 **	-52.0506 **
4117.9500	-20.0000	-51.1318 **	-51.0367 **
4575.5000	-20.0000	-50.2983 **	-50.9830 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

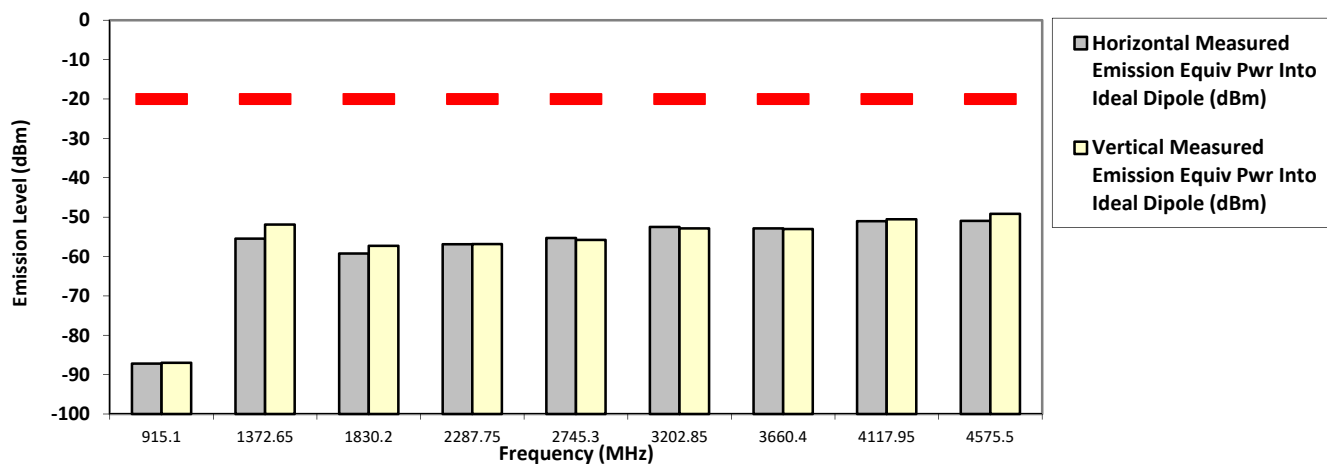
System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

Model Number: T7039A (T7039-UHFR2C) **SAC Transmitter Radiated Emission:** **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
457.550000 MHz **Test Mode: TX Digital C4FM** **12.5 kHz** **110.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
915.1000	-20.0000	-87.1763 **	-86.9918 **
1372.6500	-20.0000	-55.4700 *	-51.8900 *
1830.2000	-20.0000	-59.2413 **	-57.2923 **
2287.7500	-20.0000	-56.8731 **	-56.8307 **
2745.3000	-20.0000	-55.2886 **	-55.7755 **
3202.8500	-20.0000	-52.4882 **	-52.8581 **
3660.4000	-20.0000	-52.8603 **	-53.0199 **
4117.9500	-20.0000	-51.0533 **	-50.5416 **
4575.5000	-20.0000	-50.9546 **	-49.1591 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

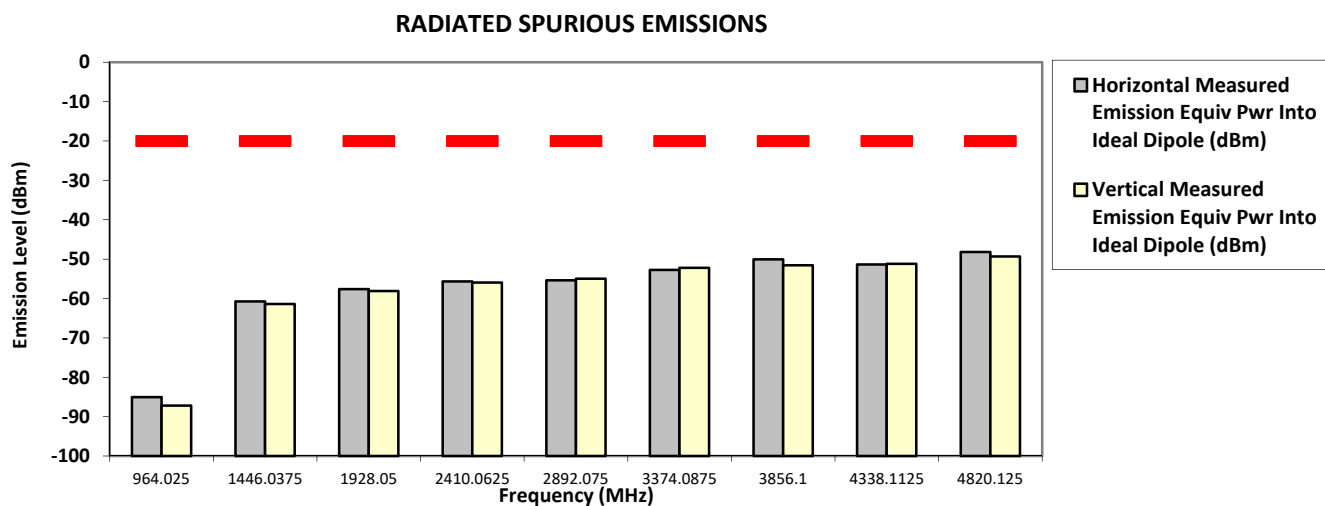
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
482.012500 MHz **Test Mode: TX Digital C4FM** **2.000 Watt(s) /Low Power**
12.5 kHz

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
964.0250	-20.0000	-85.0445 **	-87.1905 **
1446.0375	-20.0000	-60.7346 **	-61.3829 **
1928.0500	-20.0000	-57.6343 **	-58.0882 **
2410.0625	-20.0000	-55.6816 **	-55.9573 **
2892.0750	-20.0000	-55.4013 **	-54.9659 **
3374.0875	-20.0000	-52.7510 **	-52.2096 **
3856.1000	-20.0000	-50.0558 **	-51.5572 **
4338.1125	-20.0000	-51.3573 **	-51.1988 **
4820.1250	-20.0000	-48.1938 **	-49.3145 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Wed, May 13, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

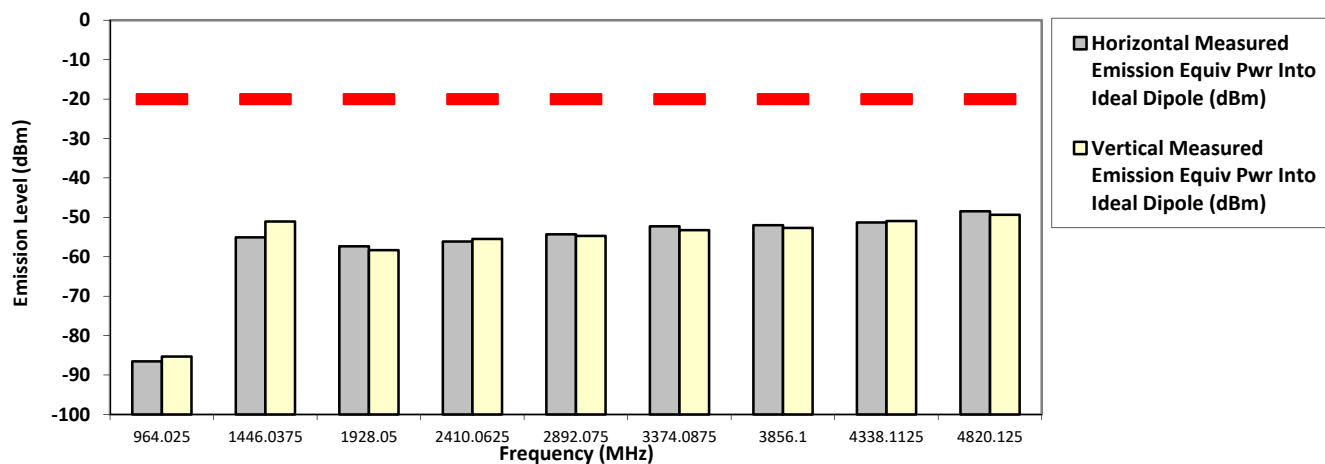
Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX Digital C4FM
482.012500 MHz **12.5 kHz** **110.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
964.0250	-20.0000	-86.5295 **	-85.3180 **
1446.0375	-20.0000	-55.0800 *	-51.0800 *
1928.0500	-20.0000	-57.3650 **	-58.3153 **
2410.0625	-20.0000	-56.1442 **	-55.4705 **
2892.0750	-20.0000	-54.2971 **	-54.7213 **
3374.0875	-20.0000	-52.2706 **	-53.2428 **
3856.1000	-20.0000	-51.9865 **	-52.7022 **
4338.1125	-20.0000	-51.2986 **	-50.9221 **
4820.1250	-20.0000	-48.4507 **	-49.3724 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Wed, May 13, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

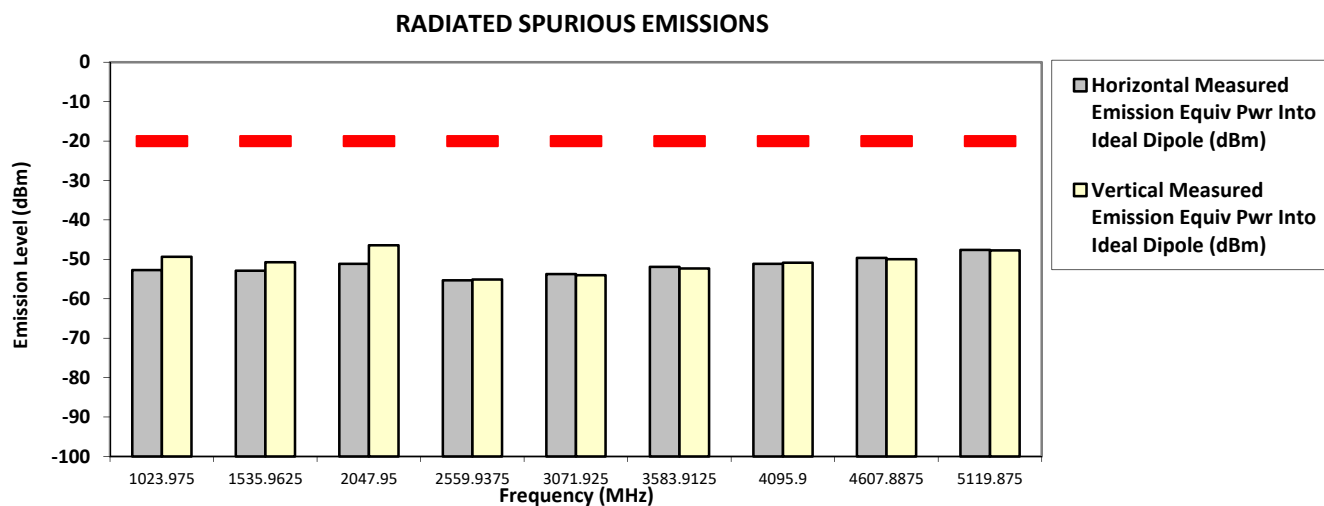
Remarks: Passed Results Marginal Results Failed Results

[illegible]

Remarks:	Passed Results	Marginal Results	Failed Results

SAC Transmitter Radiated Emission:
Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX Digital C4FM
511.987500 MHz **12.5 kHz** **110.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1023.9750	-20.0000	-52.7100 *	-49.3500 *
1535.9625	-20.0000	-52.8800 *	-50.7200 *
2047.9500	-20.0000	-51.1500 *	-46.4500 *
2559.9375	-20.0000	-55.3139 **	-55.1385 **
3071.9250	-20.0000	-53.7264 **	-54.0237 **
3583.9125	-20.0000	-51.9054 **	-52.3150 **
4095.9000	-20.0000	-51.1400 **	-50.8539 **
4607.8875	-20.0000	-49.6420 **	-49.9811 **
5119.8750	-20.0000	-47.6298 **	-47.7281 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

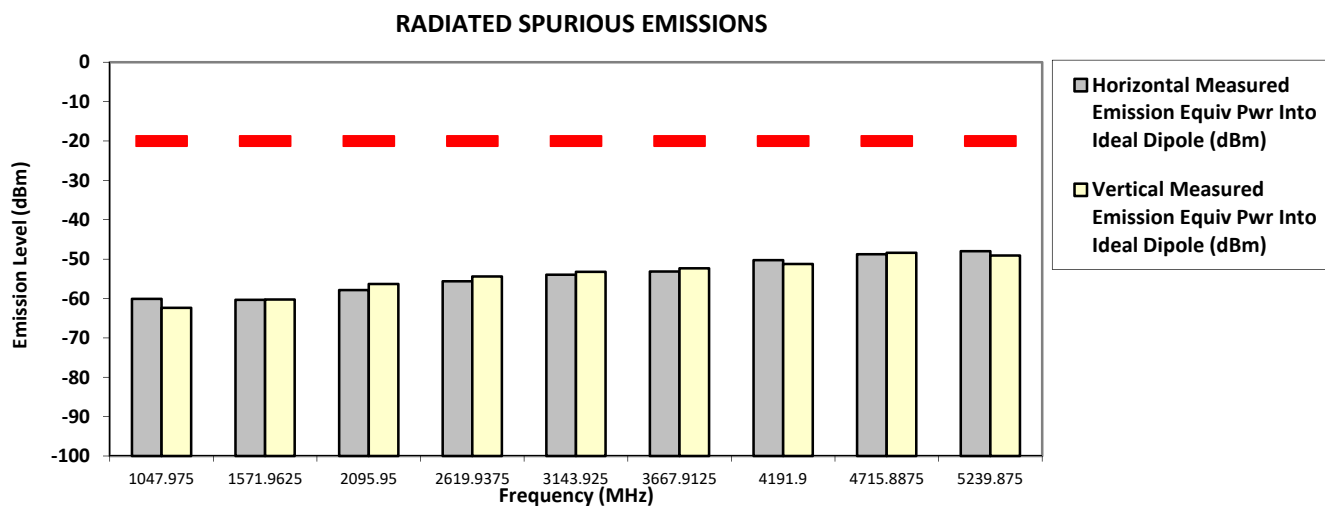
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
523.987500 MHz **Test Mode: TX Digital C4FM** **2.000 Watt(s) /Low Power**
12.5 kHz

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1047.9750	-20.0000	-60.1098 **	-62.3497 **
1571.9625	-20.0000	-60.3557 **	-60.2558 **
2095.9500	-20.0000	-57.8451 **	-56.3125 **
2619.9375	-20.0000	-55.6064 **	-54.4109 **
3143.9250	-20.0000	-53.9786 **	-53.2441 **
3667.9125	-20.0000	-53.1443 **	-52.3514 **
4191.9000	-20.0000	-50.2590 **	-51.2505 **
4715.8875	-20.0000	-48.7529 **	-48.4137 **
5239.8750	-20.0000	-47.9945 **	-49.0798 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

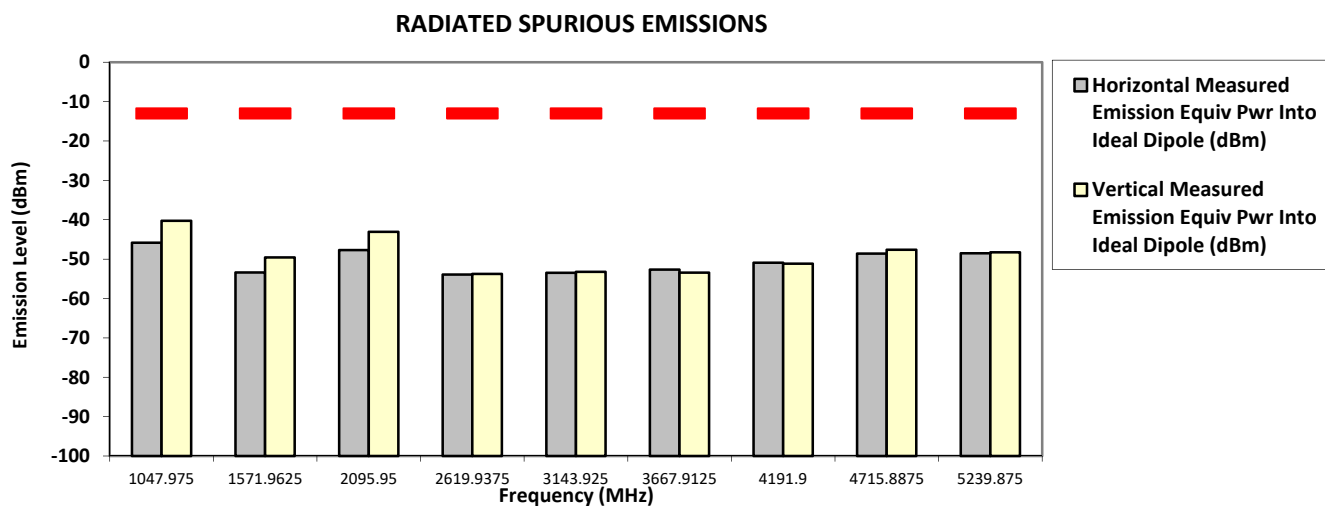
System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX Digital C4FM
523.987500 MHz **12.5 kHz** **110.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1047.9750	-13.0000	-45.8400 *	-40.2700 *
1571.9625	-13.0000	-53.4000 *	-49.5900 *
2095.9500	-13.0000	-47.6900 *	-43.0900 *
2619.9375	-13.0000	-53.9351 **	-53.7727 **
3143.9250	-13.0000	-53.4627 **	-53.2221 **
3667.9125	-13.0000	-52.6501 **	-53.4140 **
4191.9000	-13.0000	-50.9097 **	-51.1383 **
4715.8875	-13.0000	-48.6074 **	-47.6034 **
5239.8750	-13.0000	-48.4995 **	-48.2621 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

Test Mode: TX FSK

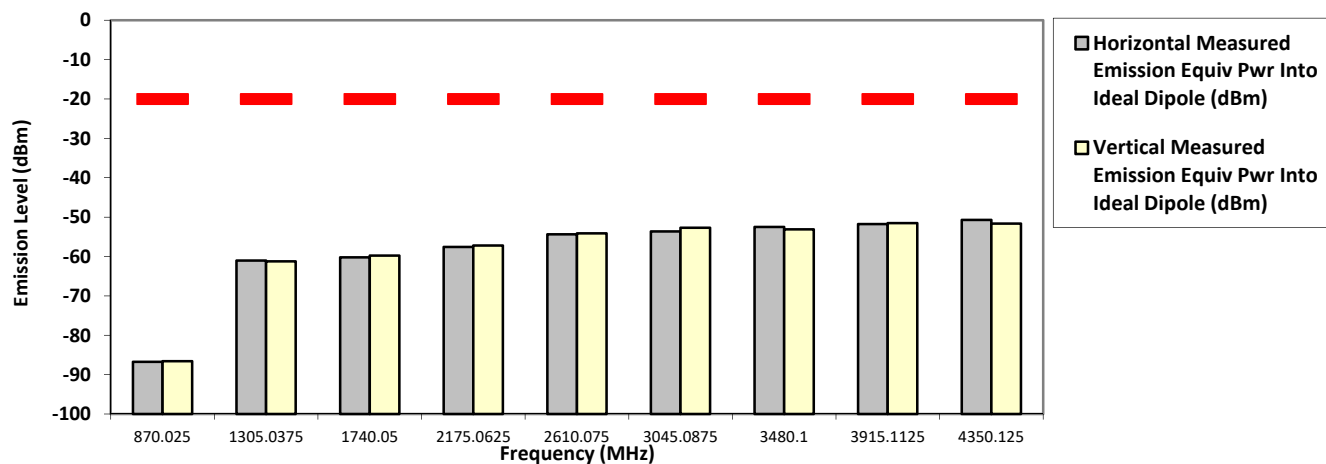
435.012500 MHz

12.5 kHz

2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
870.0250	-20.0000	-86.7260 **	-86.5824 **
1305.0375	-20.0000	-61.0069 **	-61.2238 **
1740.0500	-20.0000	-60.2142 **	-59.7801 **
2175.0625	-20.0000	-57.5878 **	-57.1946 **
2610.0750	-20.0000	-54.3749 **	-54.1203 **
3045.0875	-20.0000	-53.6303 **	-52.7048 **
3480.1000	-20.0000	-52.5118 **	-53.0997 **
3915.1125	-20.0000	-51.7803 **	-51.5277 **
4350.1250	-20.0000	-50.7058 **	-51.6336 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

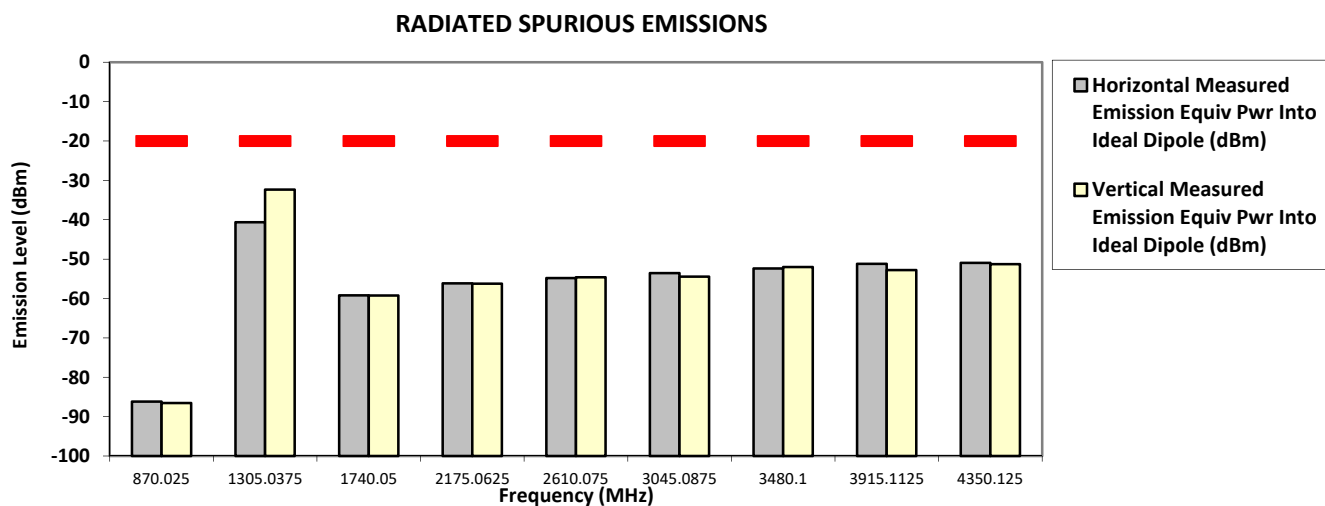
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX FSK
435.012500 MHz **12.5 kHz** **110.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
870.0250	-20.0000	-86.1739 **	-86.5477 **
1305.0375	-20.0000	-40.6300 *	-32.3700
1740.0500	-20.0000	-59.2076 **	-59.2401 **
2175.0625	-20.0000	-56.1413 **	-56.2204 **
2610.0750	-20.0000	-54.7977 **	-54.6195 **
3045.0875	-20.0000	-53.5617 **	-54.4626 **
3480.1000	-20.0000	-52.3646 **	-52.0052 **
3915.1125	-20.0000	-51.1894 **	-52.7638 **
4350.1250	-20.0000	-50.9653 **	-51.2585 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

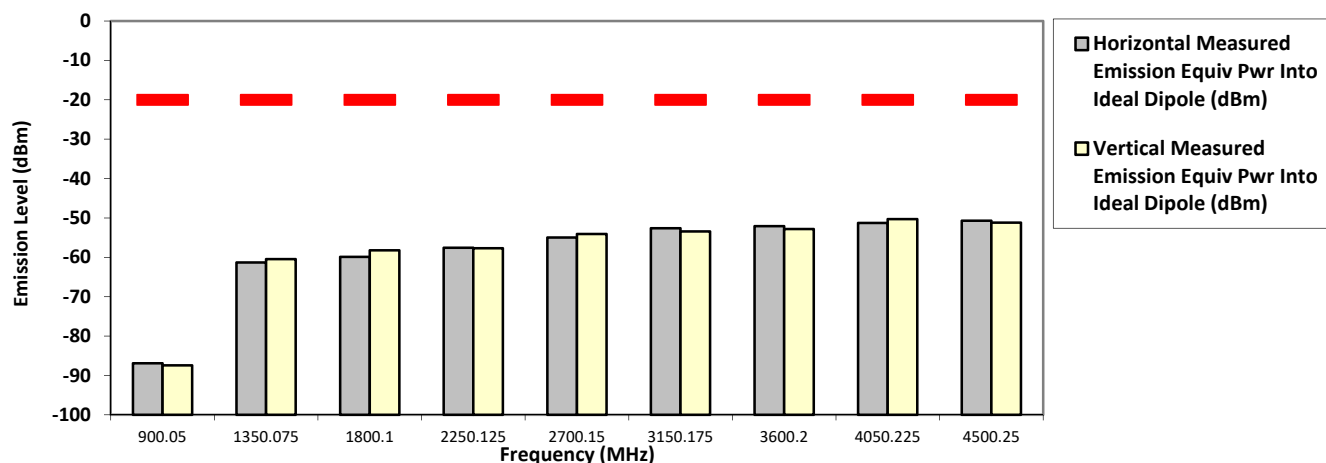
System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:
Model Number: T7039A (T7039-UHFR2C) **S/N:** 112CWF1609 **SR:**19588-EMC-00008
Battery Part No: NA **Accy Part No:** 3082933N20-C3
Test Mode: TX FSK
450.025000 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
900.0500	-20.0000	-86.9004 **	-87.4494 **
1350.0750	-20.0000	-61.3223 **	-60.4455 **
1800.1000	-20.0000	-59.8842 **	-58.2215 **
2250.1250	-20.0000	-57.5644 **	-57.6917 **
2700.1500	-20.0000	-54.9928 **	-54.0795 **
3150.1750	-20.0000	-52.6064 **	-53.4376 **
3600.2000	-20.0000	-52.1057 **	-52.8183 **
4050.2250	-20.0000	-51.2915 **	-50.2971 **
4500.2500	-20.0000	-50.7259 **	-51.1776 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks:

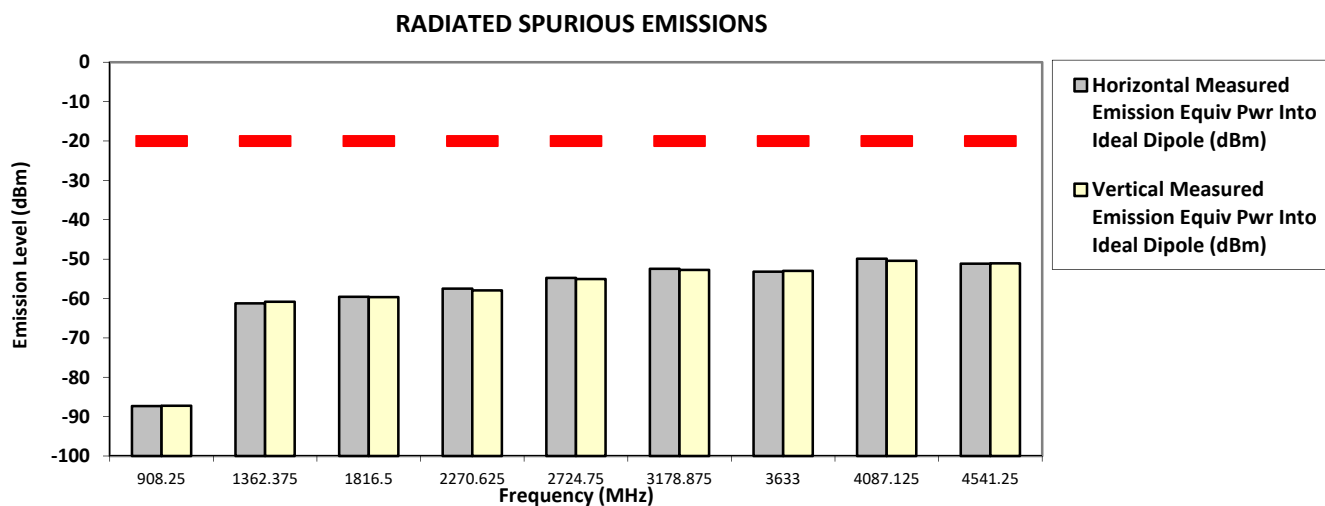
Passed Results	Marginal Results	Failed Results
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[illegible]

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
454.125000 MHz **Test Mode: TX FSK** **2.000 Watt(s) /Low Power**
12.5 kHz

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
908.2500	-20.0000	-87.2881 **	-87.2418 **
1362.3750	-20.0000	-61.2124 **	-60.8168 **
1816.5000	-20.0000	-59.5494 **	-59.6413 **
2270.6250	-20.0000	-57.4731 **	-57.9588 **
2724.7500	-20.0000	-54.7571 **	-55.0529 **
3178.8750	-20.0000	-52.4743 **	-52.7282 **
3633.0000	-20.0000	-53.1842 **	-52.9811 **
4087.1250	-20.0000	-49.9122 **	-50.4140 **
4541.2500	-20.0000	-51.1433 **	-51.0711 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SR:19588-EMC-00008

Accy Part No: 3082933N20-C3

110.000 Watt(s) /Max Power

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

Test Mode: TX FSK

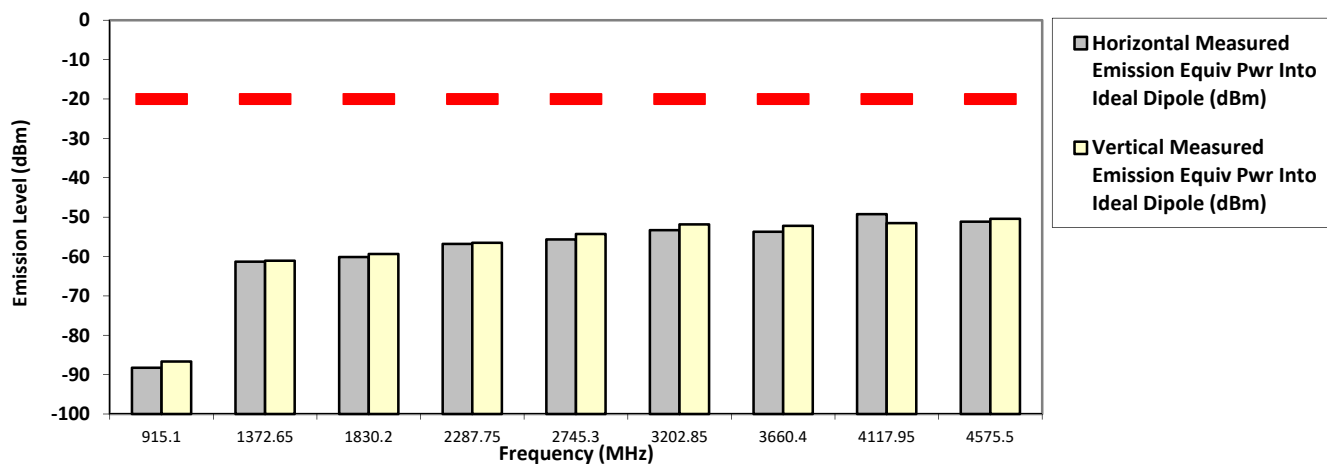
457.550000 MHz

12.5 kHz

2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
915.1000	-20.0000	-88.2405 **	-86.6427 **
1372.6500	-20.0000	-61.3100 **	-61.0850 **
1830.2000	-20.0000	-60.1317 **	-59.3483 **
2287.7500	-20.0000	-56.7888 **	-56.5100 **
2745.3000	-20.0000	-55.6460 **	-54.2839 **
3202.8500	-20.0000	-53.3038 **	-51.8376 **
3660.4000	-20.0000	-53.7315 **	-52.2023 **
4117.9500	-20.0000	-49.2406 **	-51.5343 **
4575.5000	-20.0000	-51.1603 **	-50.4262 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

Test Mode: TX FSK

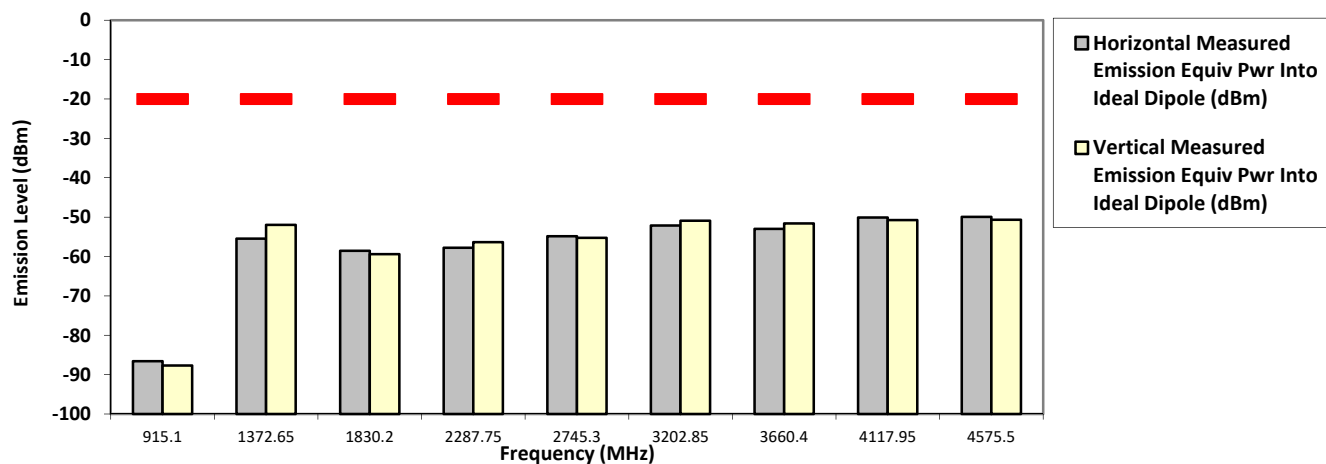
457.550000 MHz

12.5 kHz

110.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
915.1000	-20.0000	-86.5735 **	-87.6746 **
1372.6500	-20.0000	-55.4500 *	-51.9700 *
1830.2000	-20.0000	-58.5403 **	-59.3827 **
2287.7500	-20.0000	-57.7652 **	-56.3547 **
2745.3000	-20.0000	-54.8492 **	-55.2413 **
3202.8500	-20.0000	-52.1291 **	-50.8995 **
3660.4000	-20.0000	-52.9900 **	-51.5897 **
4117.9500	-20.0000	-50.1027 **	-50.7512 **
4575.5000	-20.0000	-49.9409 **	-50.6624 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

Test Mode: TX FSK

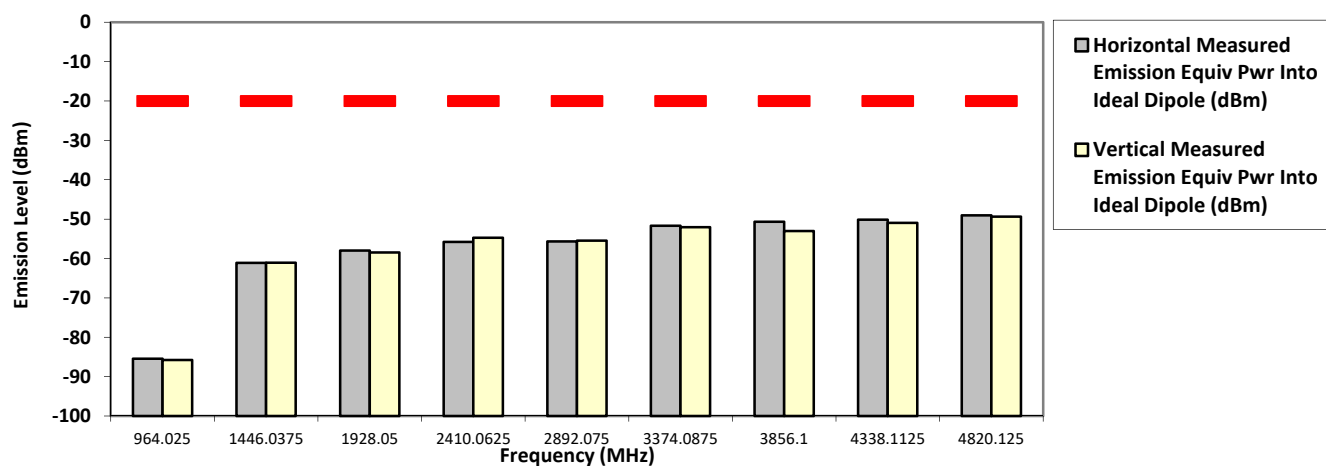
482.012500 MHz

12.5 kHz

2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
964.0250	-20.0000	-85.4351 **	-85.7666 **
1446.0375	-20.0000	-61.1029 **	-61.0520 **
1928.0500	-20.0000	-57.9779 **	-58.4784 **
2410.0625	-20.0000	-55.7688 **	-54.7490 **
2892.0750	-20.0000	-55.6486 **	-55.4633 **
3374.0875	-20.0000	-51.6924 **	-52.0309 **
3856.1000	-20.0000	-50.6874 **	-53.0345 **
4338.1125	-20.0000	-50.1362 **	-50.9574 **
4820.1250	-20.0000	-49.0397 **	-49.3657 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Wed, May 13, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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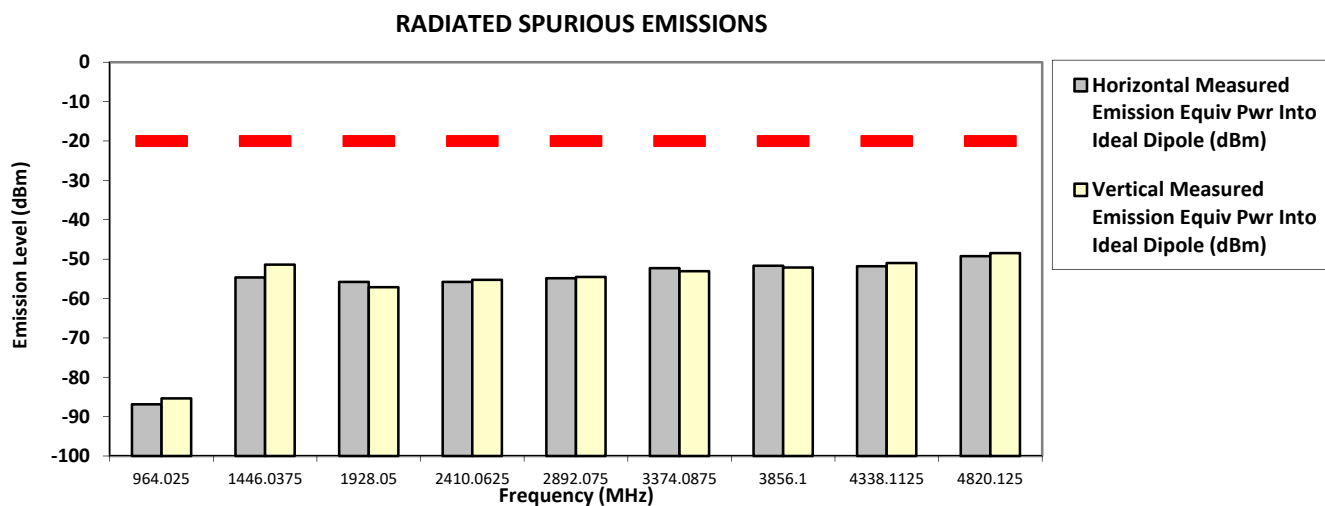
SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**

Test Mode: TX FSK

482.012500 MHz **12.5 kHz** **110.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
964.0250	-20.0000	-86.8409 **	-85.3439 **
1446.0375	-20.0000	-54.6700 *	-51.4000 *
1928.0500	-20.0000	-55.8060 **	-57.1189 **
2410.0625	-20.0000	-55.7911 **	-55.2478 **
2892.0750	-20.0000	-54.8602 **	-54.5130 **
3374.0875	-20.0000	-52.3100 **	-53.0557 **
3856.1000	-20.0000	-51.7014 **	-52.1151 **
4338.1125	-20.0000	-51.8018 **	-50.9814 **
4820.1250	-20.0000	-49.2519 **	-48.4573 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Wed, May 13, 2020

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): 22.6 Hum(%RH): 70.3

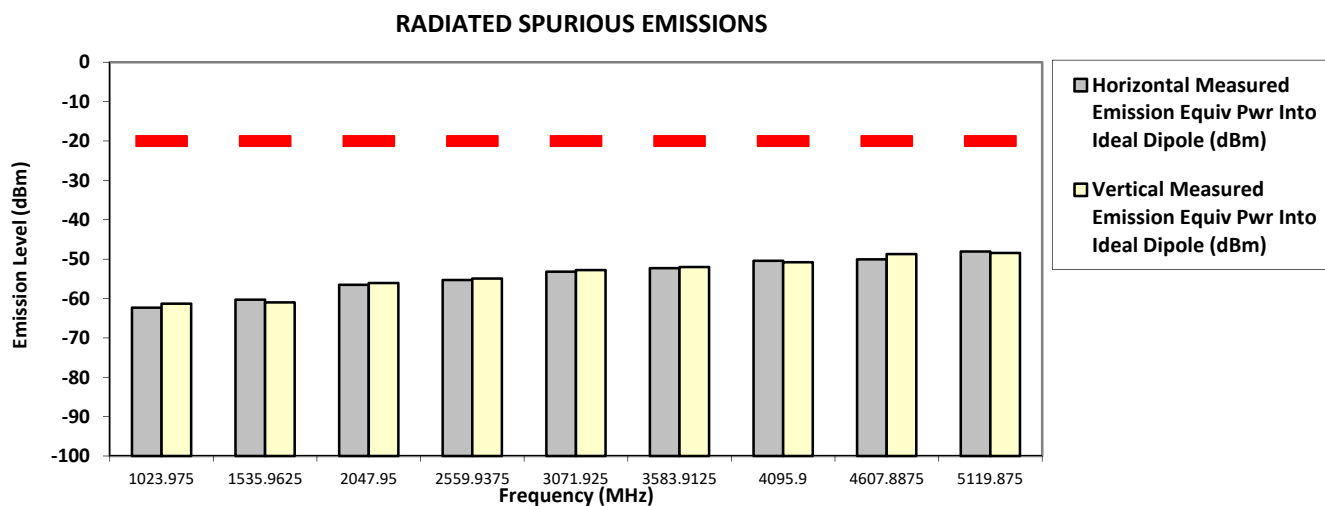
System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX FSK
511.987500 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1023.9750	-20.0000	-62.3285 **	-61.3062 **
1535.9625	-20.0000	-60.3112 **	-60.9853 **
2047.9500	-20.0000	-56.5257 **	-56.0626 **
2559.9375	-20.0000	-55.3150 **	-54.9225 **
3071.9250	-20.0000	-53.1919 **	-52.7661 **
3583.9125	-20.0000	-52.2827 **	-52.0080 **
4095.9000	-20.0000	-50.4198 **	-50.7819 **
4607.8875	-20.0000	-50.0726 **	-48.7040 **
5119.8750	-20.0000	-48.0601 **	-48.4269 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

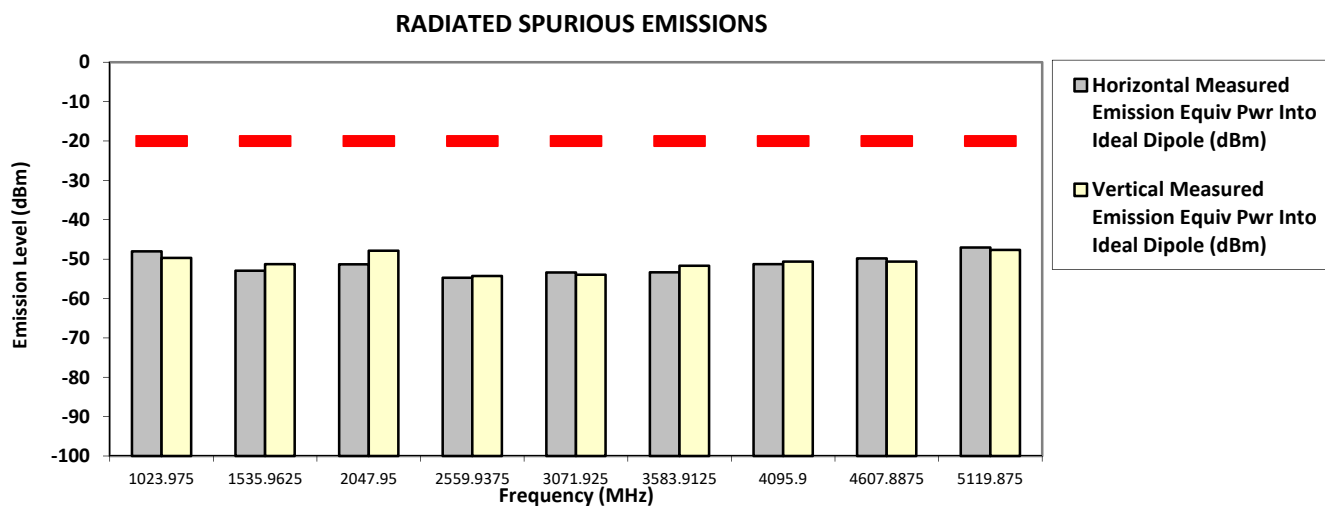
Remarks: ** Indicates the spurious emission could not be detected due to noise limitations or ambient.
 *Pursuant to CFR 47 Part 2.1057 (c), emissions attenuated more than 20 dB below the permissible limit are not reported
 Temp(Deg): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:
Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX FSK
511.987500 MHz **12.5 kHz** **110.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1023.9750	-20.0000	-48.0300 *	-49.7100 *
1535.9625	-20.0000	-52.9600 *	-51.2900 *
2047.9500	-20.0000	-51.3300 *	-47.8600 *
2559.9375	-20.0000	-54.7307 **	-54.2834 **
3071.9250	-20.0000	-53.3737 **	-53.9523 **
3583.9125	-20.0000	-53.3390 **	-51.7030 **
4095.9000	-20.0000	-51.2850 **	-50.6394 **
4607.8875	-20.0000	-49.8019 **	-50.6183 **
5119.8750	-20.0000	-47.0353 **	-47.6835 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

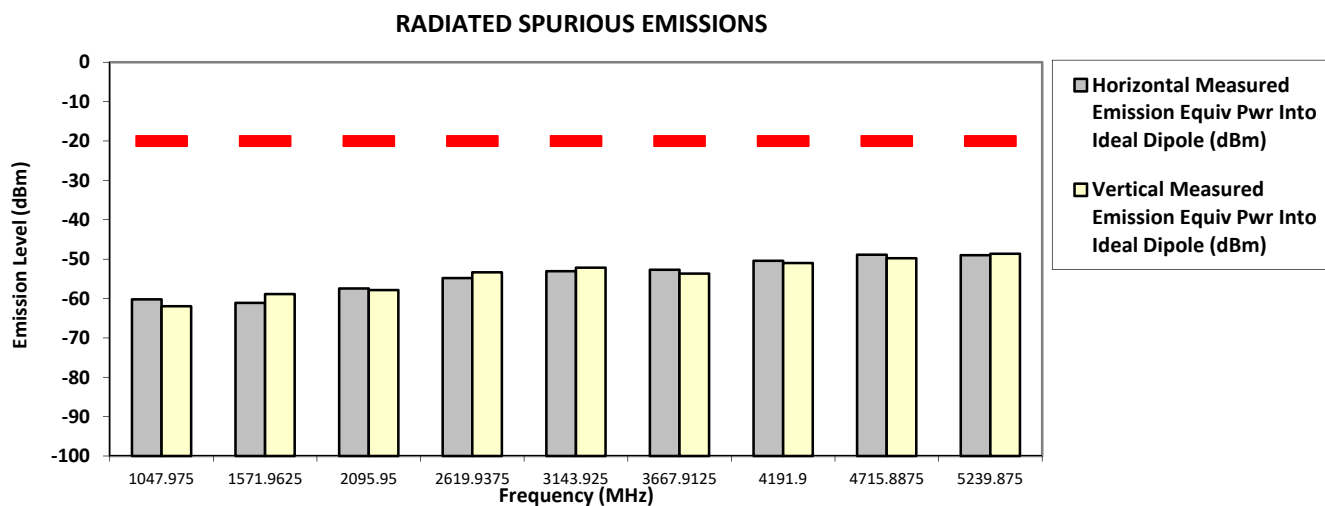
System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX FSK
523.987500 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1047.9750	-20.0000	-60.2079 **	-61.9586 **
1571.9625	-20.0000	-61.1164 **	-58.8715 **
2095.9500	-20.0000	-57.4456 **	-57.8568 **
2619.9375	-20.0000	-54.7928 **	-53.3535 **
3143.9250	-20.0000	-53.0477 **	-52.1680 **
3667.9125	-20.0000	-52.7077 **	-53.6893 **
4191.9000	-20.0000	-50.4378 **	-50.9930 **
4715.8875	-20.0000	-48.8731 **	-49.7640 **
5239.8750	-20.0000	-48.9881 **	-48.6564 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

[illegible]

S/N: 112CWF1609

Model Number: T7039A (T7039-UHFR2C)

Accy Part No: 3082933N20-C3

2.000 Watt(s) /Low Power

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

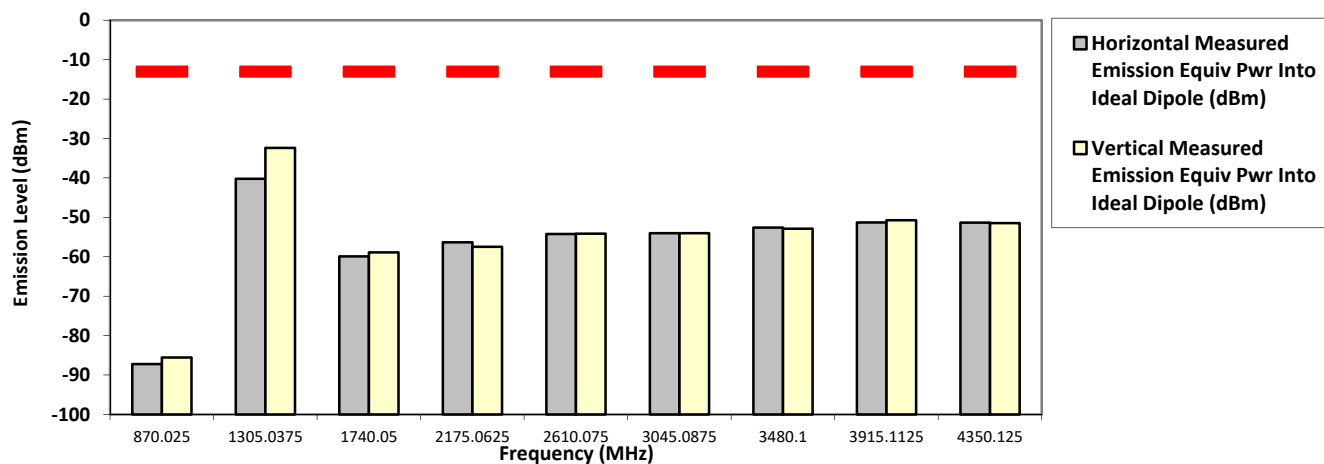
435.012500 MHz

Test Mode: TX FSK
25 kHz

110.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
870.0250	-13.0000	-87.2320 **	-85.5616 **
1305.0375	-13.0000	-40.2200 *	-32.3800
1740.0500	-13.0000	-59.9105 **	-58.8874 **
2175.0625	-13.0000	-56.3589 **	-57.4777 **
2610.0750	-13.0000	-54.2224 **	-54.1596 **
3045.0875	-13.0000	-54.0305 **	-54.0161 **
3480.1000	-13.0000	-52.6198 **	-52.9044 **
3915.1125	-13.0000	-51.3185 **	-50.7559 **
4350.1250	-13.0000	-51.3506 **	-51.4837 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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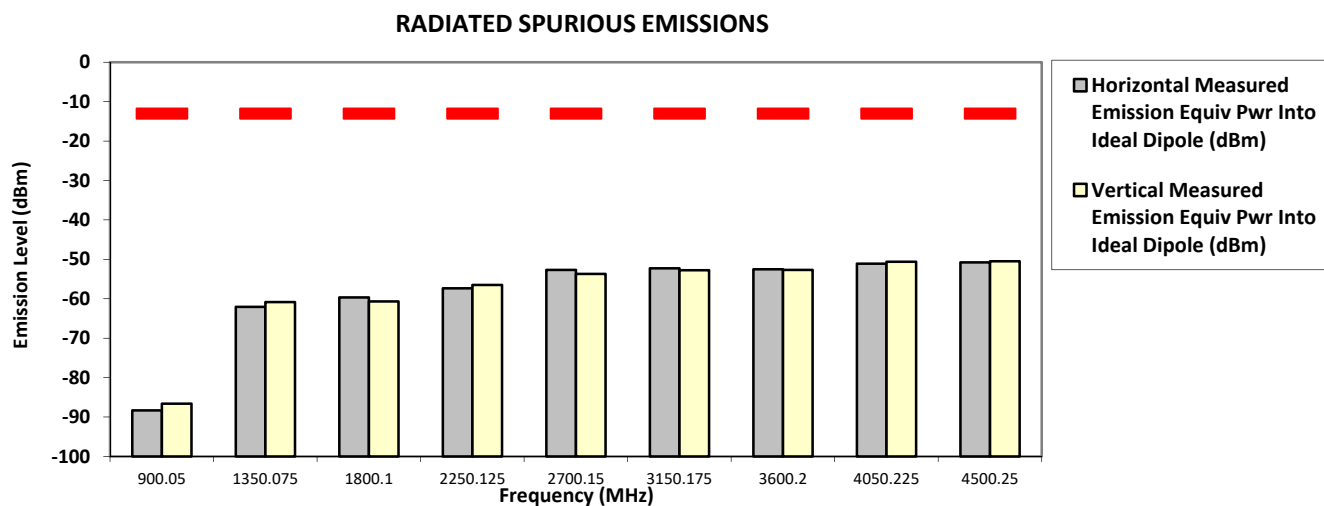
SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**

Test Mode: TX FSK

450.025000 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
900.0500	-13.0000	-88.3376 **	-86.6227 **
1350.0750	-13.0000	-62.0552 **	-60.8294 **
1800.1000	-13.0000	-59.6575 **	-60.6990 **
2250.1250	-13.0000	-57.3570 **	-56.4953 **
2700.1500	-13.0000	-52.6687 **	-53.7189 **
3150.1750	-13.0000	-52.2657 **	-52.7689 **
3600.2000	-13.0000	-52.5445 **	-52.7057 **
4050.2250	-13.0000	-51.1162 **	-50.6142 **
4500.2500	-13.0000	-50.7855 **	-50.4993 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

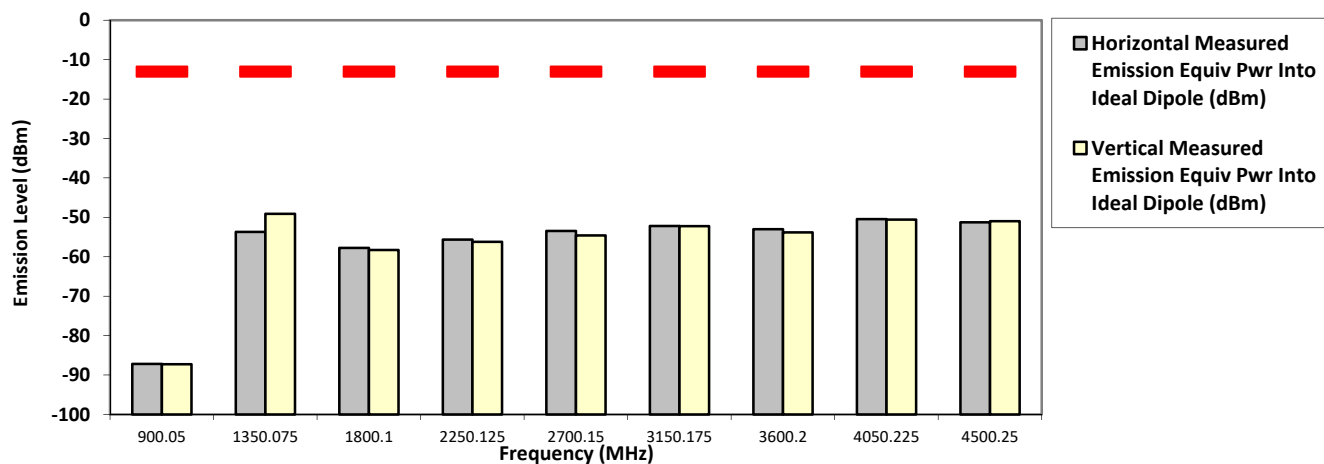
**Test Mode: TX FSK
25 kHz**

450.025000 MHz

110.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
900.0500	-13.0000	-87.1929 **	-87.2749 **
1350.0750	-13.0000	-53.7200 *	-49.1300 *
1800.1000	-13.0000	-57.7665 **	-58.2912 **
2250.1250	-13.0000	-55.6507 **	-56.2046 **
2700.1500	-13.0000	-53.4602 **	-54.5990 **
3150.1750	-13.0000	-52.2169 **	-52.2345 **
3600.2000	-13.0000	-53.0128 **	-53.8294 **
4050.2250	-13.0000	-50.4563 **	-50.5929 **
4500.2500	-13.0000	-51.2516 **	-50.9977 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

Test Mode: TX FSK

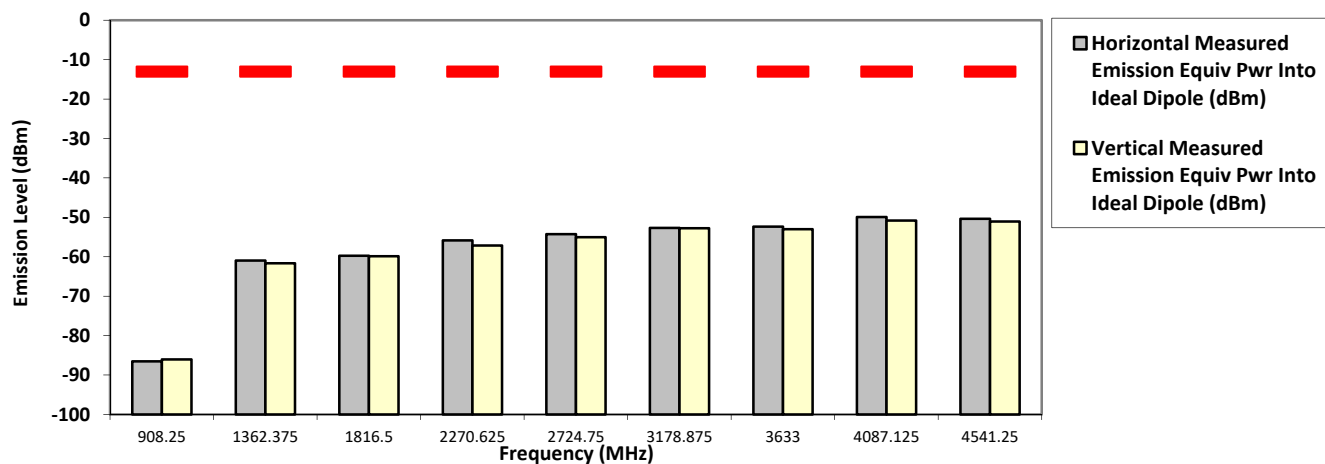
454.125000 MHz

12.5 kHz

2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
908.2500	-13.0000	-86.5429 **	-86.0305 **
1362.3750	-13.0000	-60.9826 **	-61.6519 **
1816.5000	-13.0000	-59.7581 **	-59.8532 **
2270.6250	-13.0000	-55.8624 **	-57.1512 **
2724.7500	-13.0000	-54.2856 **	-55.0234 **
3178.8750	-13.0000	-52.7038 **	-52.7820 **
3633.0000	-13.0000	-52.3780 **	-53.0277 **
4087.1250	-13.0000	-49.9467 **	-50.8400 **
4541.2500	-13.0000	-50.3703 **	-51.0546 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

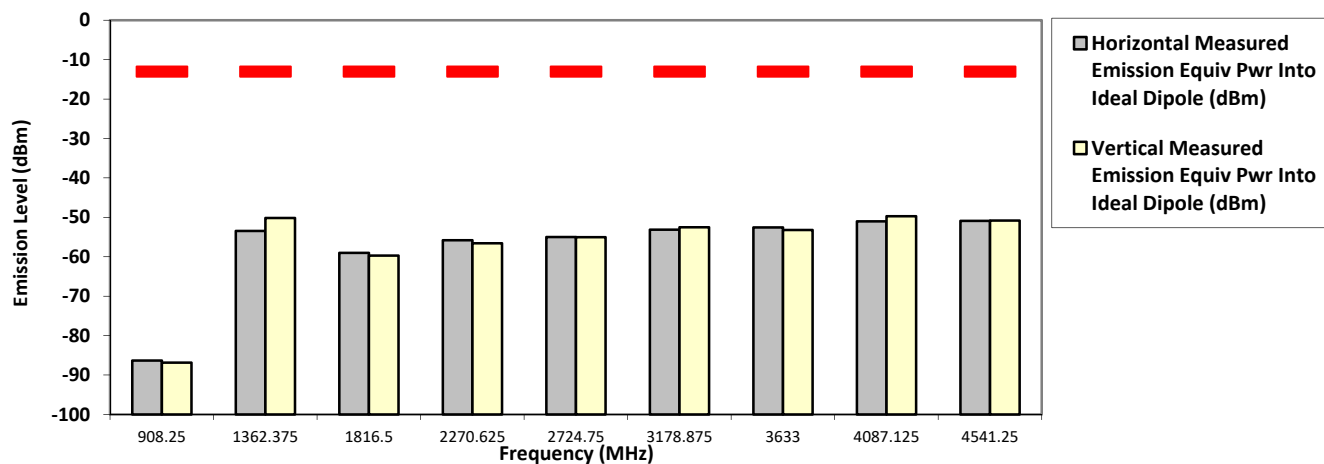
454.125000 MHz

Test Mode: TX FSK
25 kHz

110.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
908.2500	-13.0000	-86.3219 **	-86.8664 **
1362.3750	-13.0000	-53.4600 *	-50.1800 *
1816.5000	-13.0000	-59.0167 **	-59.7168 **
2270.6250	-13.0000	-55.8064 **	-56.5692 **
2724.7500	-13.0000	-55.0131 **	-55.0265 **
3178.8750	-13.0000	-53.1530 **	-52.5137 **
3633.0000	-13.0000	-52.5474 **	-53.1966 **
4087.1250	-13.0000	-51.0383 **	-49.7084 **
4541.2500	-13.0000	-50.9137 **	-50.8335 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks:

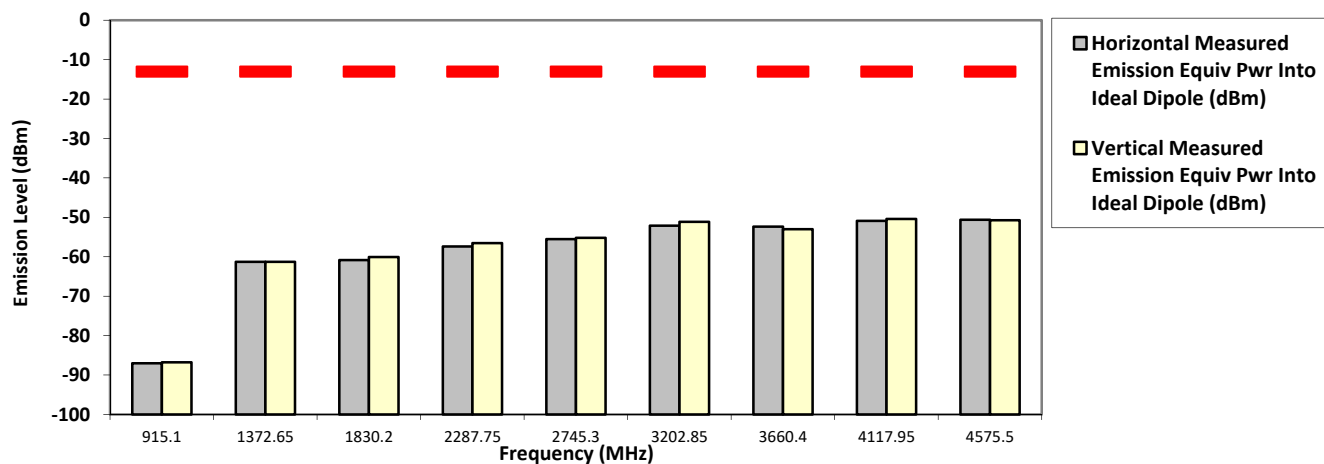
Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
457.550000 MHz **Test Mode: TX FSK** **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
915.1000	-13.0000	-87.0185 **	-86.7829 **
1372.6500	-13.0000	-61.2818 **	-61.2759 **
1830.2000	-13.0000	-60.8379 **	-60.0762 **
2287.7500	-13.0000	-57.3869 **	-56.5398 **
2745.3000	-13.0000	-55.5418 **	-55.2239 **
3202.8500	-13.0000	-52.1233 **	-51.1540 **
3660.4000	-13.0000	-52.3657 **	-53.0131 **
4117.9500	-13.0000	-50.9160 **	-50.3972 **
4575.5000	-13.0000	-50.6284 **	-50.7409 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

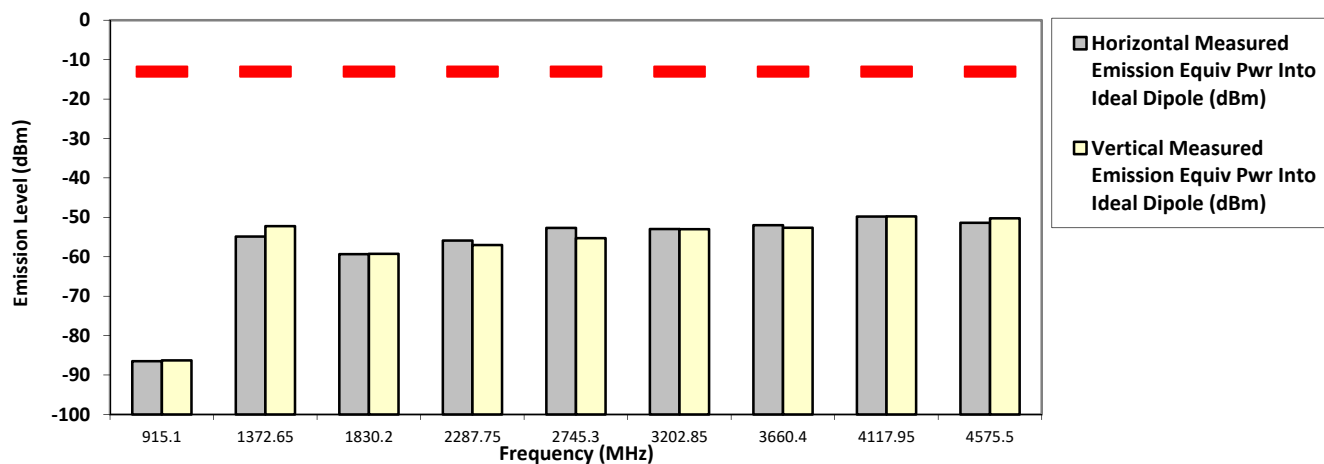
457.550000 MHz

Test Mode: TX FSK
25 kHz

110.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
915.1000	-13.0000	-86.4954 **	-86.3144 **
1372.6500	-13.0000	-54.8700 *	-52.2500 *
1830.2000	-13.0000	-59.3469 **	-59.2681 **
2287.7500	-13.0000	-55.9092 **	-57.0298 **
2745.3000	-13.0000	-52.6804 **	-55.2868 **
3202.8500	-13.0000	-52.9545 **	-52.9924 **
3660.4000	-13.0000	-51.9788 **	-52.6598 **
4117.9500	-13.0000	-49.8095 **	-49.7695 **
4575.5000	-13.0000	-51.4013 **	-50.2496 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

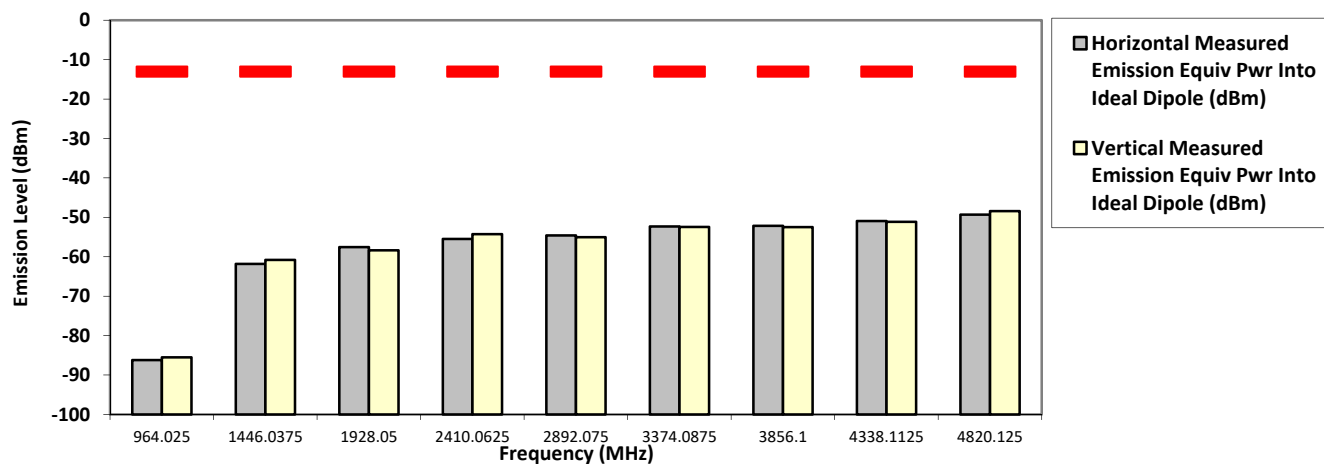
**Test Mode: TX FSK
25 kHz**

482.012500 MHz

2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
964.0250	-13.0000	-86.2326 **	-85.5361 **
1446.0375	-13.0000	-61.8340 **	-60.8206 **
1928.0500	-13.0000	-57.5485 **	-58.3699 **
2410.0625	-13.0000	-55.4924 **	-54.2561 **
2892.0750	-13.0000	-54.5795 **	-55.0214 **
3374.0875	-13.0000	-52.3056 **	-52.4343 **
3856.1000	-13.0000	-52.1764 **	-52.4691 **
4338.1125	-13.0000	-50.9405 **	-51.1595 **
4820.1250	-13.0000	-49.3012 **	-48.4379 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Wed, May 13, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

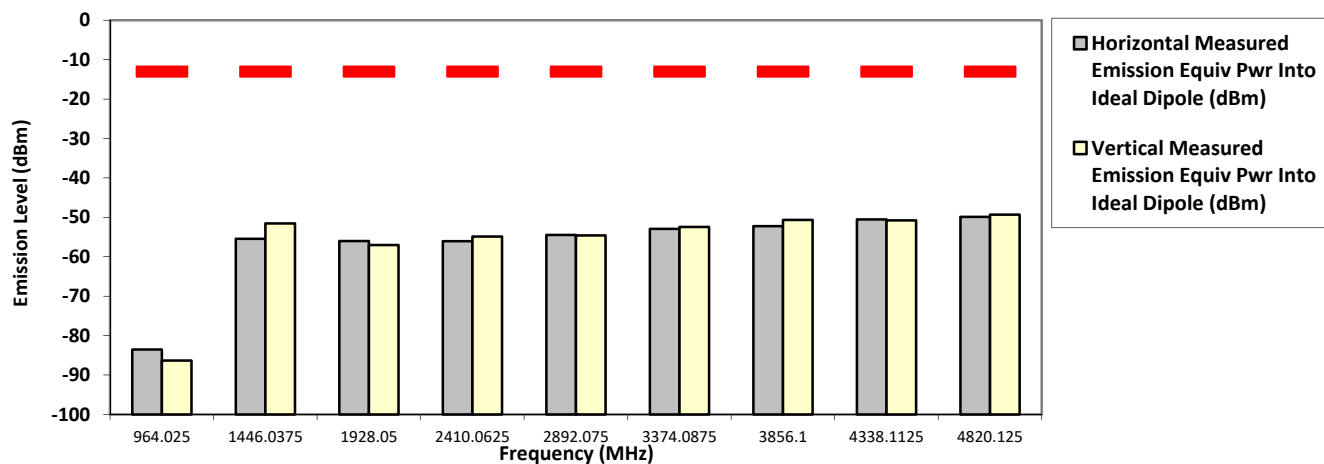
482.012500 MHz

Test Mode: TX FSK
25 kHz

110.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
964.0250	-13.0000	-83.5304 **	-86.3482 **
1446.0375	-13.0000	-55.4300 *	-51.5500 *
1928.0500	-13.0000	-56.0207 **	-57.0184 **
2410.0625	-13.0000	-56.0620 **	-54.8701 **
2892.0750	-13.0000	-54.4860 **	-54.6079 **
3374.0875	-13.0000	-52.9250 **	-52.4389 **
3856.1000	-13.0000	-52.2259 **	-50.6569 **
4338.1125	-13.0000	-50.5549 **	-50.7747 **
4820.1250	-13.0000	-49.8809 **	-49.3137 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Wed, May 13, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

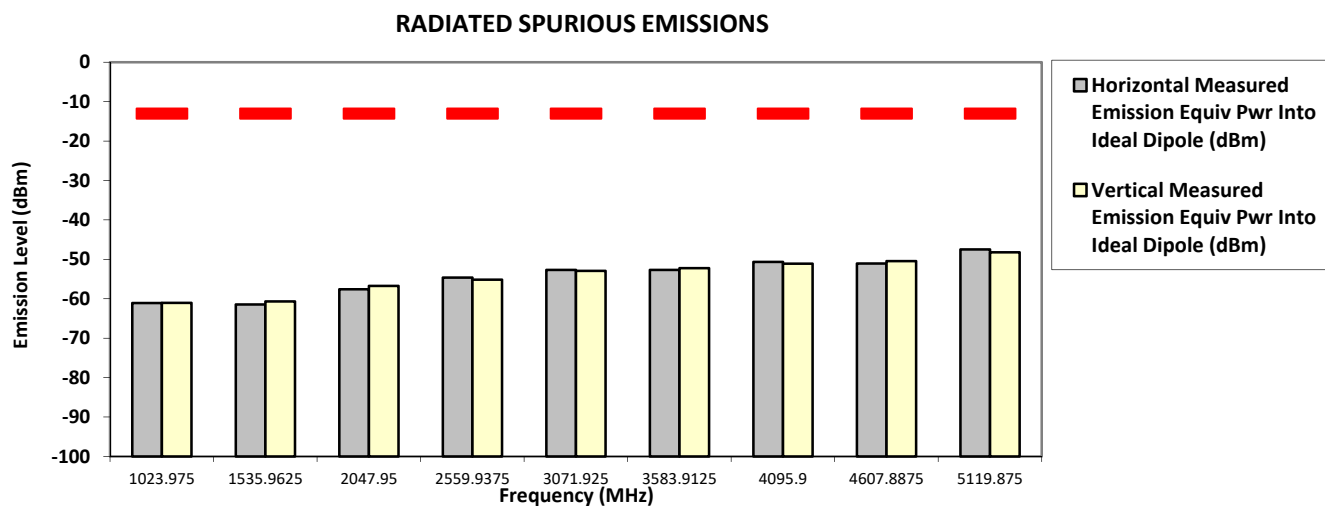
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
511.987500 MHz **Test Mode: TX FSK** **2.000 Watt(s) /Low Power**
25 kHz

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1023.9750	-13.0000	-61.0708 **	-61.0387 **
1535.9625	-13.0000	-61.4559 **	-60.6921 **
2047.9500	-13.0000	-57.5842 **	-56.7312 **
2559.9375	-13.0000	-54.6293 **	-55.1757 **
3071.9250	-13.0000	-52.6751 **	-52.9302 **
3583.9125	-13.0000	-52.6775 **	-52.2421 **
4095.9000	-13.0000	-50.6396 **	-51.0994 **
4607.8875	-13.0000	-51.0750 **	-50.4378 **
5119.8750	-13.0000	-47.4933 **	-48.2176 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

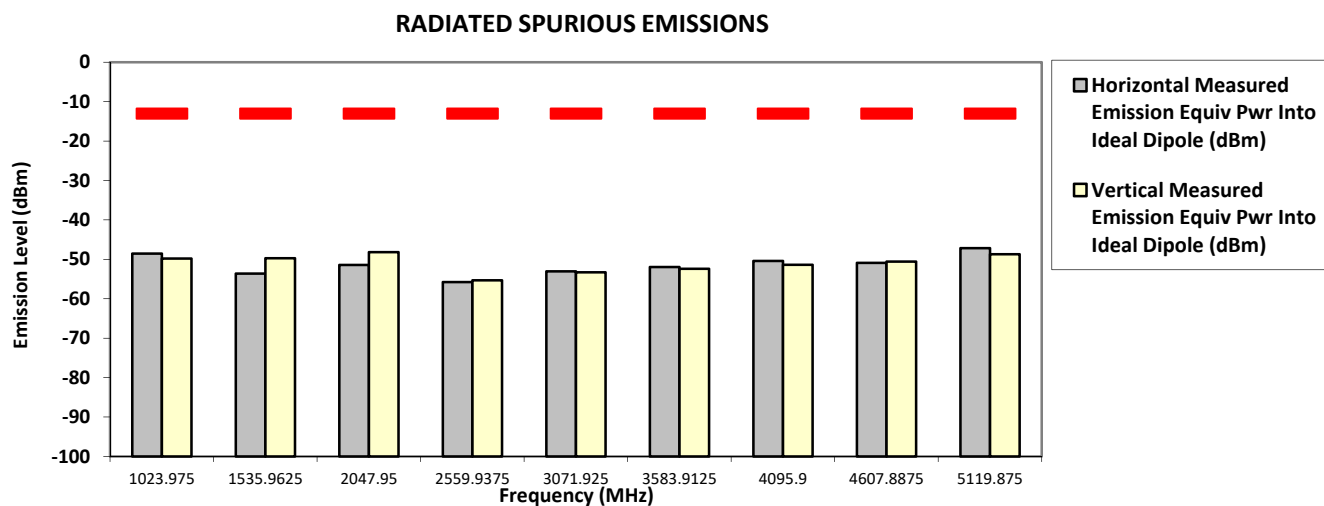
System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
511.987500 MHz **Test Mode: TX FSK** **110.000 Watt(s) /Max Power**
25 kHz

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1023.9750	-13.0000	-48.5400 *	-49.8100 *
1535.9625	-13.0000	-53.6400 *	-49.7400 *
2047.9500	-13.0000	-51.4200 *	-48.2000 *
2559.9375	-13.0000	-55.7808 **	-55.3433 **
3071.9250	-13.0000	-53.0548 **	-53.2998 **
3583.9125	-13.0000	-51.9478 **	-52.3842 **
4095.9000	-13.0000	-50.4198 **	-51.3861 **
4607.8875	-13.0000	-50.9192 **	-50.5718 **
5119.8750	-13.0000	-47.1531 **	-48.7165 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

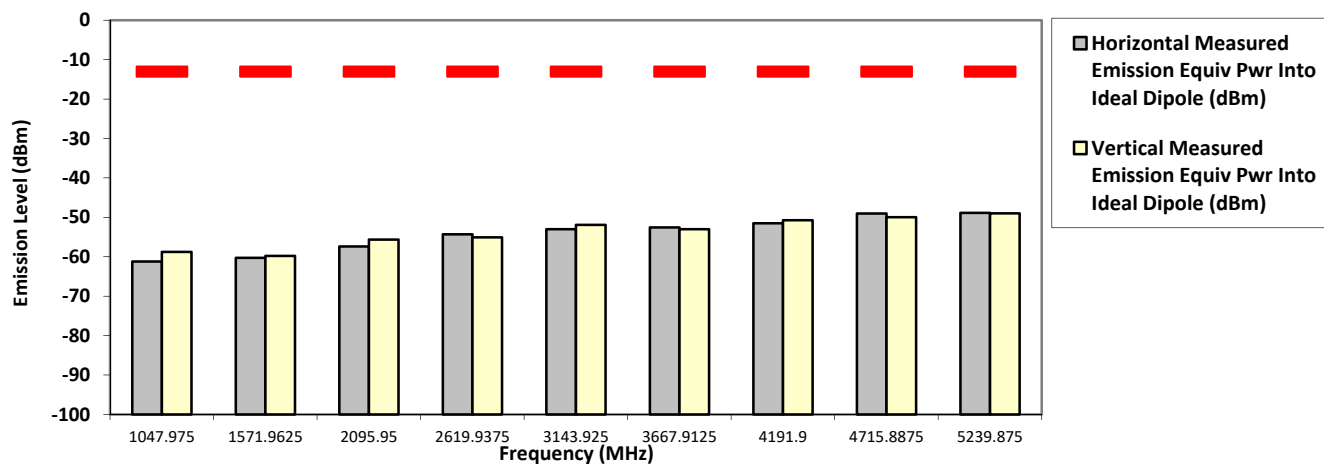
523.987500 MHz

Test Mode: TX FSK
25 kHz

2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1047.9750	-13.0000	-61.2206 **	-58.7749 **
1571.9625	-13.0000	-60.2624 **	-59.7987 **
2095.9500	-13.0000	-57.4059 **	-55.6563 **
2619.9375	-13.0000	-54.3177 **	-55.0713 **
3143.9250	-13.0000	-53.0290 **	-51.9300 **
3667.9125	-13.0000	-52.5670 **	-52.9927 **
4191.9000	-13.0000	-51.4991 **	-50.7277 **
4715.8875	-13.0000	-49.0479 **	-49.9807 **
5239.8750	-13.0000	-48.8916 **	-49.0043 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

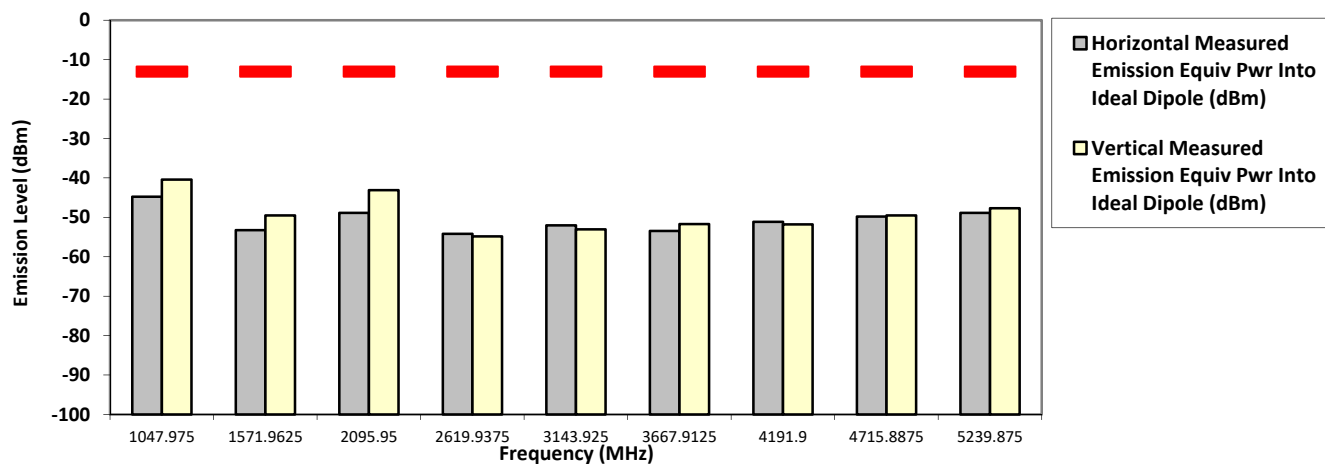
523.987500 MHz

Test Mode: TX FSK
25 kHz

110.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1047.9750	-13.0000	-44.7900 *	-40.4400 *
1571.9625	-13.0000	-53.2400 *	-49.5400 *
2095.9500	-13.0000	-48.8800 *	-43.1200 *
2619.9375	-13.0000	-54.1690 **	-54.8226 **
3143.9250	-13.0000	-52.0477 **	-53.0631 **
3667.9125	-13.0000	-53.4722 **	-51.7036 **
4191.9000	-13.0000	-51.1515 **	-51.8089 **
4715.8875	-13.0000	-49.8130 **	-49.5245 **
5239.8750	-13.0000	-48.8529 **	-47.6971 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks:

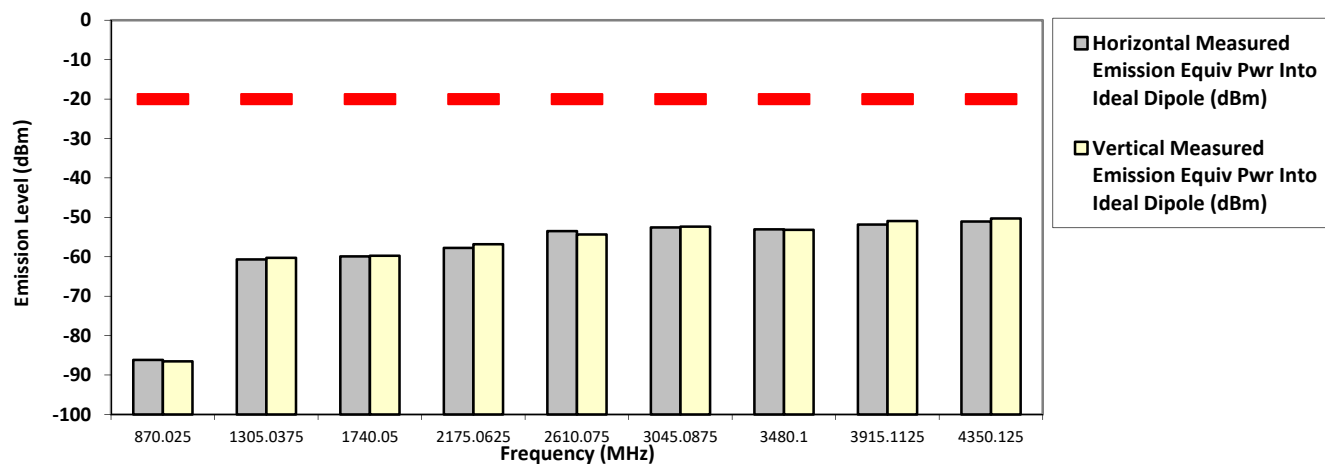
Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX Phase II (HDQPSK)
435.012500 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
870.0250	-20.0000	-86.1749 **	-86.5402 **
1305.0375	-20.0000	-60.7022 **	-60.2674 **
1740.0500	-20.0000	-59.9209 **	-59.7438 **
2175.0625	-20.0000	-57.7450 **	-56.8105 **
2610.0750	-20.0000	-53.4871 **	-54.3341 **
3045.0875	-20.0000	-52.5622 **	-52.3552 **
3480.1000	-20.0000	-53.0461 **	-53.1800 **
3915.1125	-20.0000	-51.8176 **	-50.9237 **
4350.1250	-20.0000	-51.0476 **	-50.2802 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

Test Mode: TX Phase II (HDQPSK)

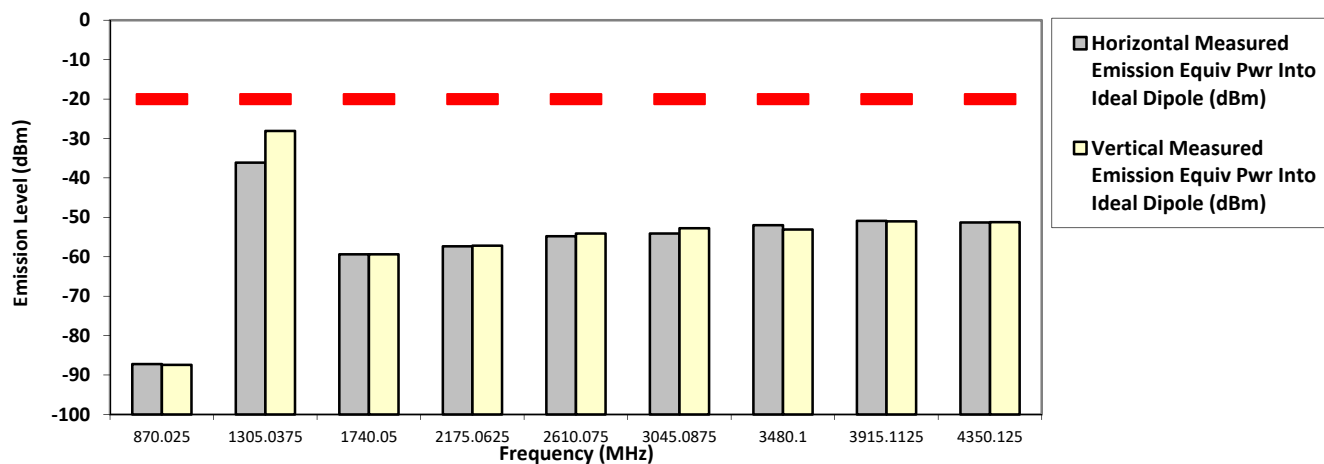
435.012500 MHz

12.5 kHz

110.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
870.0250	-20.0000	-87.2215 **	-87.4418 **
1305.0375	-20.0000	-36.1200	-28.0800
1740.0500	-20.0000	-59.3760 **	-59.3748 **
2175.0625	-20.0000	-57.3611 **	-57.2088 **
2610.0750	-20.0000	-54.7814 **	-54.0923 **
3045.0875	-20.0000	-54.1044 **	-52.7671 **
3480.1000	-20.0000	-52.0033 **	-53.0822 **
3915.1125	-20.0000	-50.8897 **	-51.0158 **
4350.1250	-20.0000	-51.3138 **	-51.2302 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks:

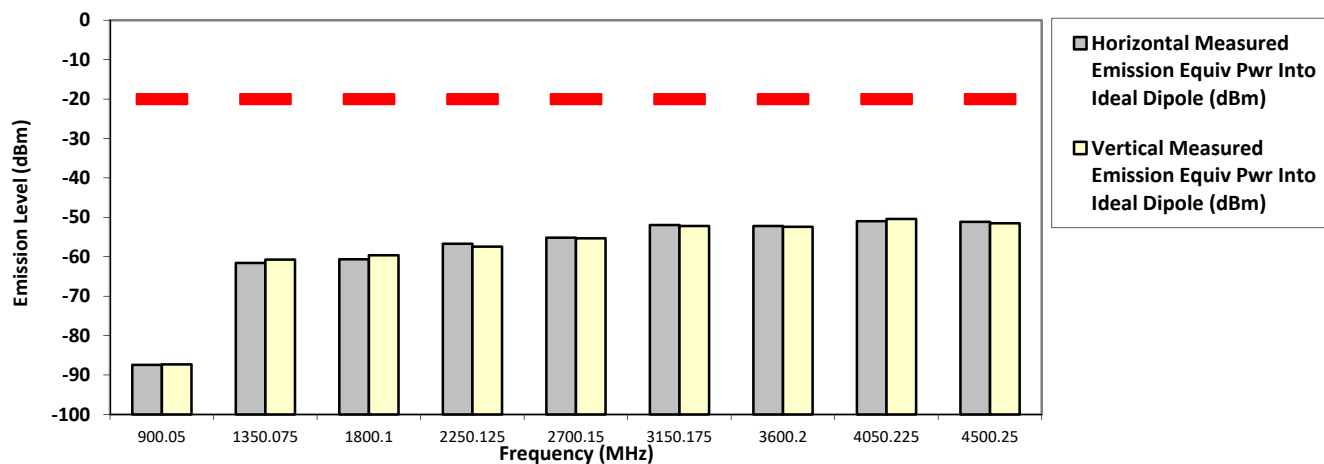
Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX Phase II (HDQPSK)
450.025000 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
900.0500	-20.0000	-87.4448 **	-87.2930 **
1350.0750	-20.0000	-61.5761 **	-60.7329 **
1800.1000	-20.0000	-60.6361 **	-59.6135 **
2250.1250	-20.0000	-56.7224 **	-57.4208 **
2700.1500	-20.0000	-55.1825 **	-55.3248 **
3150.1750	-20.0000	-51.9587 **	-52.2084 **
3600.2000	-20.0000	-52.2153 **	-52.3884 **
4050.2250	-20.0000	-50.9868 **	-50.4329 **
4500.2500	-20.0000	-51.1439 **	-51.5260 **

RADIATED SPURIOUS EMISSIONS



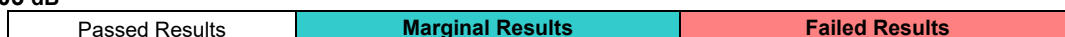
The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

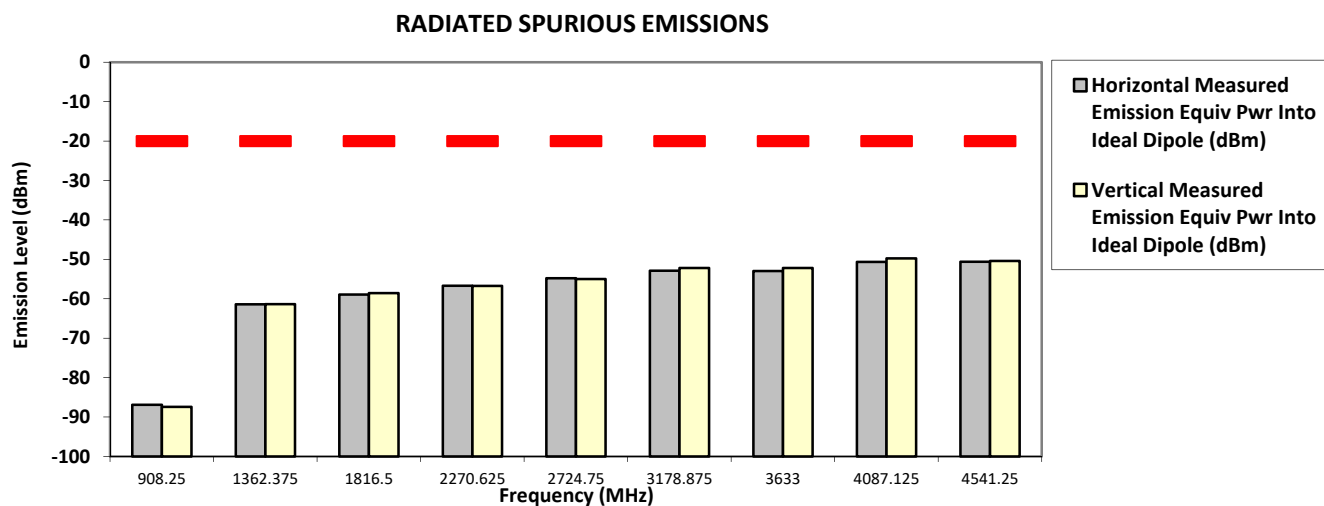
Remarks:
Marginal Results
Failed Results

[illegible]

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX Phase II (HDQPSK)
454.125000 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
908.2500	-20.0000	-86.8945 **	-87.4265 **
1362.3750	-20.0000	-61.4309 **	-61.3889 **
1816.5000	-20.0000	-58.9567 **	-58.5903 **
2270.6250	-20.0000	-56.6944 **	-56.7534 **
2724.7500	-20.0000	-54.8014 **	-55.0066 **
3178.8750	-20.0000	-52.8939 **	-52.1823 **
3633.0000	-20.0000	-52.9587 **	-52.1839 **
4087.1250	-20.0000	-50.6458 **	-49.7568 **
4541.2500	-20.0000	-50.6371 **	-50.4189 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

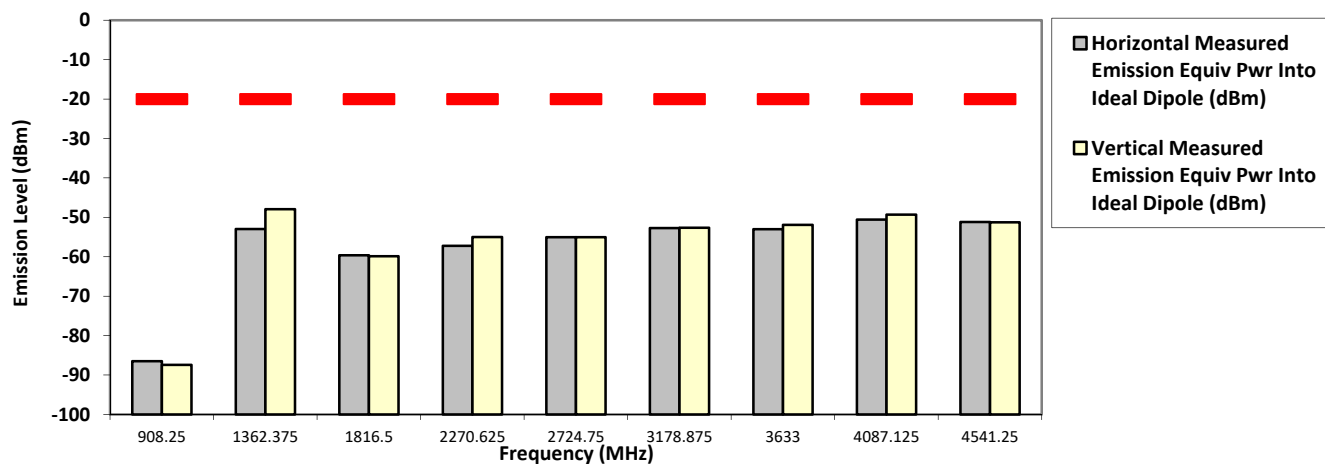
Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX Phase II (HDQPSK)
454.125000 MHz **12.5 kHz** **110.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
908.2500	-20.0000	-86.4920 **	-87.4450 **
1362.3750	-20.0000	-52.9900 *	-47.9400 *
1816.5000	-20.0000	-59.6357 **	-59.8844 **
2270.6250	-20.0000	-57.2366 **	-54.9956 **
2724.7500	-20.0000	-55.0505 **	-55.0436 **
3178.8750	-20.0000	-52.7466 **	-52.6407 **
3633.0000	-20.0000	-53.0064 **	-51.9114 **
4087.1250	-20.0000	-50.5737 **	-49.3130 **
4541.2500	-20.0000	-51.1704 **	-51.2598 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

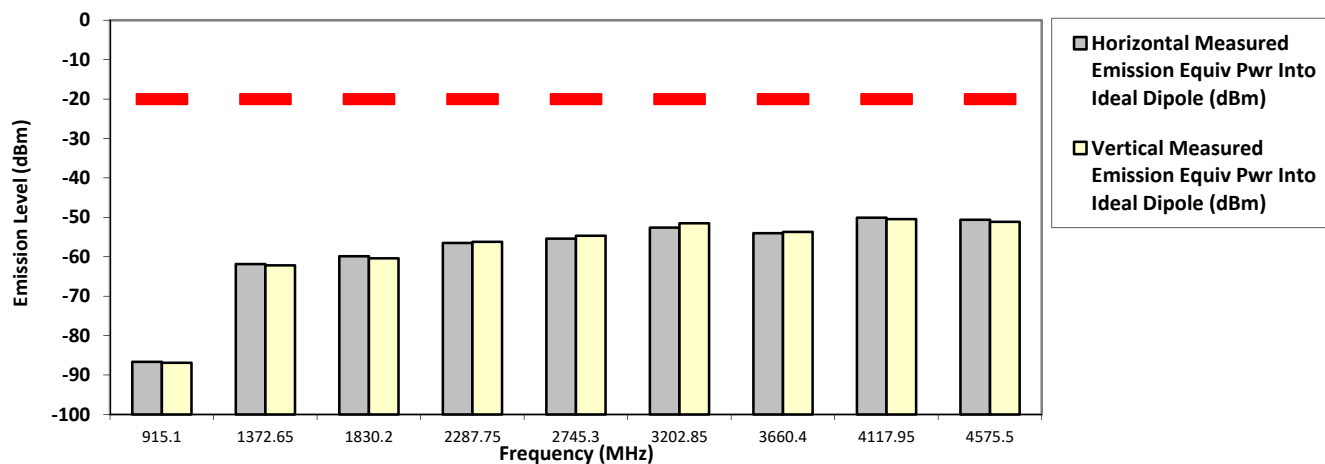
System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:
Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX Phase II (HDQPSK)
457.550000 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
915.1000	-20.0000	-86.6566 **	-86.9087 **
1372.6500	-20.0000	-61.8763 **	-62.1967 **
1830.2000	-20.0000	-59.8607 **	-60.3809 **
2287.7500	-20.0000	-56.5169 **	-56.2349 **
2745.3000	-20.0000	-55.4242 **	-54.6855 **
3202.8500	-20.0000	-52.6025 **	-51.5135 **
3660.4000	-20.0000	-54.0391 **	-53.6866 **
4117.9500	-20.0000	-50.0744 **	-50.4446 **
4575.5000	-20.0000	-50.6336 **	-51.1265 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

Test Mode: TX Phase II (HDQPSK)

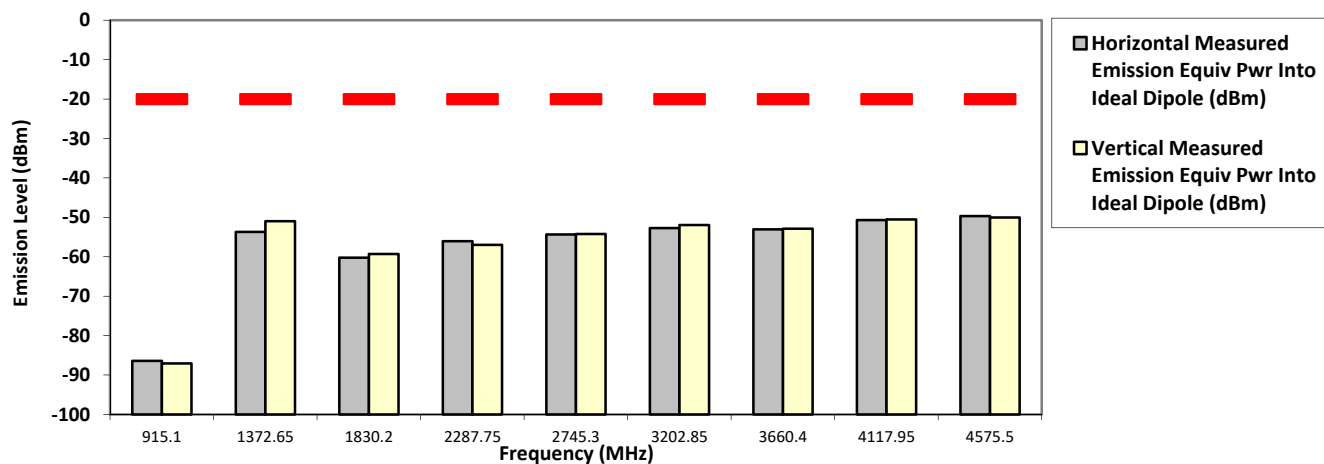
457.550000 MHz

12.5 kHz

110.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
915.1000	-20.0000	-86.4013 **	-87.0824 **
1372.6500	-20.0000	-53.6900 *	-50.9900 *
1830.2000	-20.0000	-60.2476 **	-59.3192 **
2287.7500	-20.0000	-56.0493 **	-56.9888 **
2745.3000	-20.0000	-54.3588 **	-54.2262 **
3202.8500	-20.0000	-52.7124 **	-51.9462 **
3660.4000	-20.0000	-53.0603 **	-52.9063 **
4117.9500	-20.0000	-50.6881 **	-50.5252 **
4575.5000	-20.0000	-49.6858 **	-50.0662 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

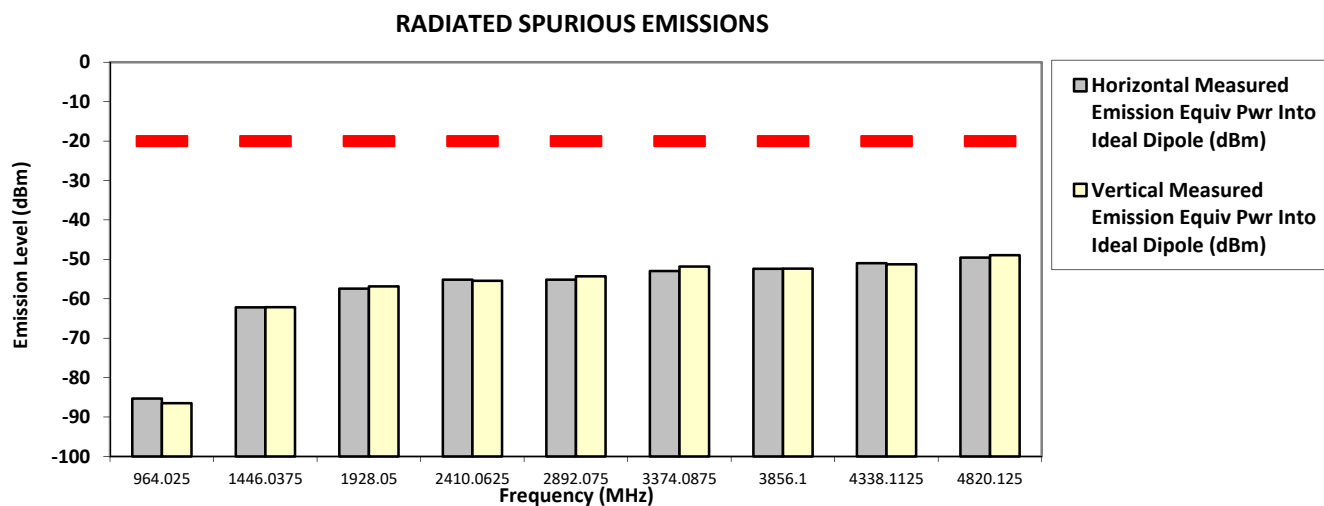
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX Phase II (HDQPSK)
482.012500 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
964.0250	-20.0000	-85.3212 **	-86.4888 **
1446.0375	-20.0000	-62.1847 **	-62.1612 **
1928.0500	-20.0000	-57.4170 **	-56.8759 **
2410.0625	-20.0000	-55.1779 **	-55.4284 **
2892.0750	-20.0000	-55.1529 **	-54.3274 **
3374.0875	-20.0000	-52.9726 **	-51.8523 **
3856.1000	-20.0000	-52.4021 **	-52.3592 **
4338.1125	-20.0000	-50.9657 **	-51.2856 **
4820.1250	-20.0000	-49.5644 **	-48.9703 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Wed, May 13, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

Test Mode: TX Phase II (HDQPSK)

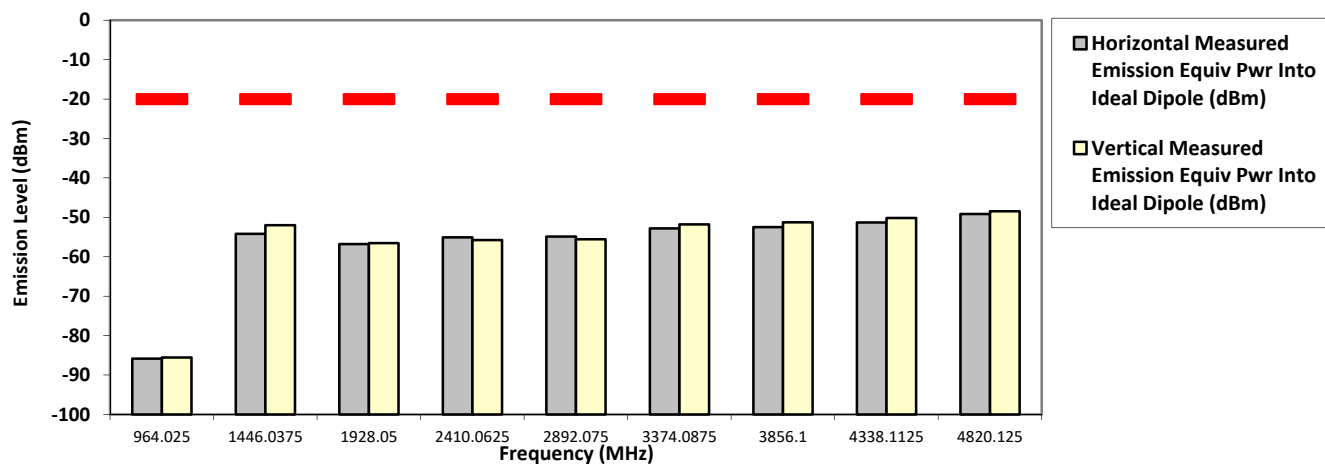
482.012500 MHz

12.5 kHz

110.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
964.0250	-20.0000	-85.8452 **	-85.5771 **
1446.0375	-20.0000	-54.1700 *	-51.9800 *
1928.0500	-20.0000	-56.7718 **	-56.5622 **
2410.0625	-20.0000	-55.0964 **	-55.7891 **
2892.0750	-20.0000	-54.8765 **	-55.5567 **
3374.0875	-20.0000	-52.8294 **	-51.7890 **
3856.1000	-20.0000	-52.4700 **	-51.2683 **
4338.1125	-20.0000	-51.3210 **	-50.1621 **
4820.1250	-20.0000	-49.1387 **	-48.4635 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Wed, May 13, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

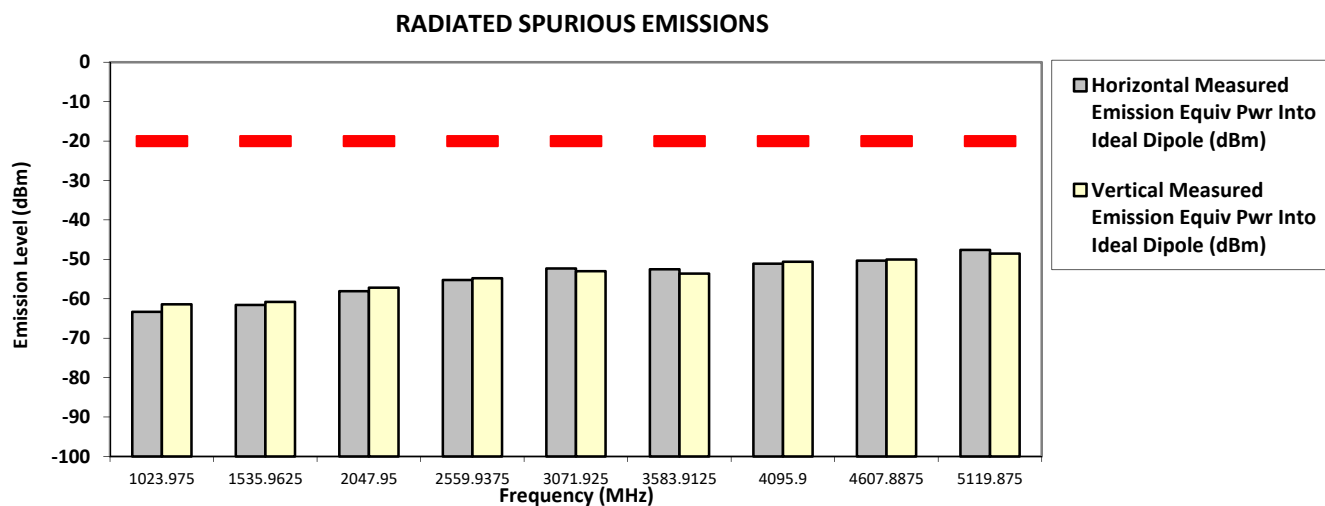
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX Phase II (HDQPSK)
511.987500 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1023.9750	-20.0000	-63.3066 **	-61.4061 **
1535.9625	-20.0000	-61.5581 **	-60.8096 **
2047.9500	-20.0000	-58.0698 **	-57.1877 **
2559.9375	-20.0000	-55.2289 **	-54.8077 **
3071.9250	-20.0000	-52.3385 **	-53.0100 **
3583.9125	-20.0000	-52.5359 **	-53.6157 **
4095.9000	-20.0000	-51.1096 **	-50.6060 **
4607.8875	-20.0000	-50.3196 **	-50.0645 **
5119.8750	-20.0000	-47.6233 **	-48.5348 **

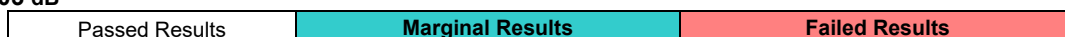


The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

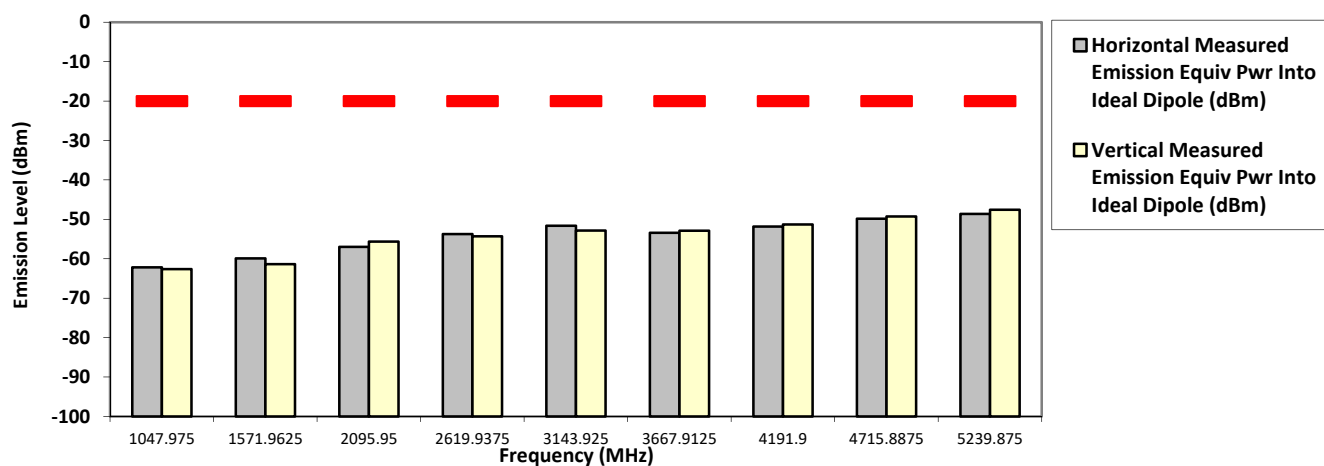
[illegible]

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX Phase II (HDQPSK)
523.987500 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1047.9750	-20.0000	-62.1757 **	-62.6418 **
1571.9625	-20.0000	-59.8923 **	-61.3642 **
2095.9500	-20.0000	-56.9909 **	-55.6589 **
2619.9375	-20.0000	-53.7441 **	-54.3174 **
3143.9250	-20.0000	-51.6293 **	-52.8567 **
3667.9125	-20.0000	-53.4311 **	-52.9017 **
4191.9000	-20.0000	-51.8451 **	-51.3157 **
4715.8875	-20.0000	-49.8504 **	-49.2618 **
5239.8750	-20.0000	-48.6313 **	-47.5756 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

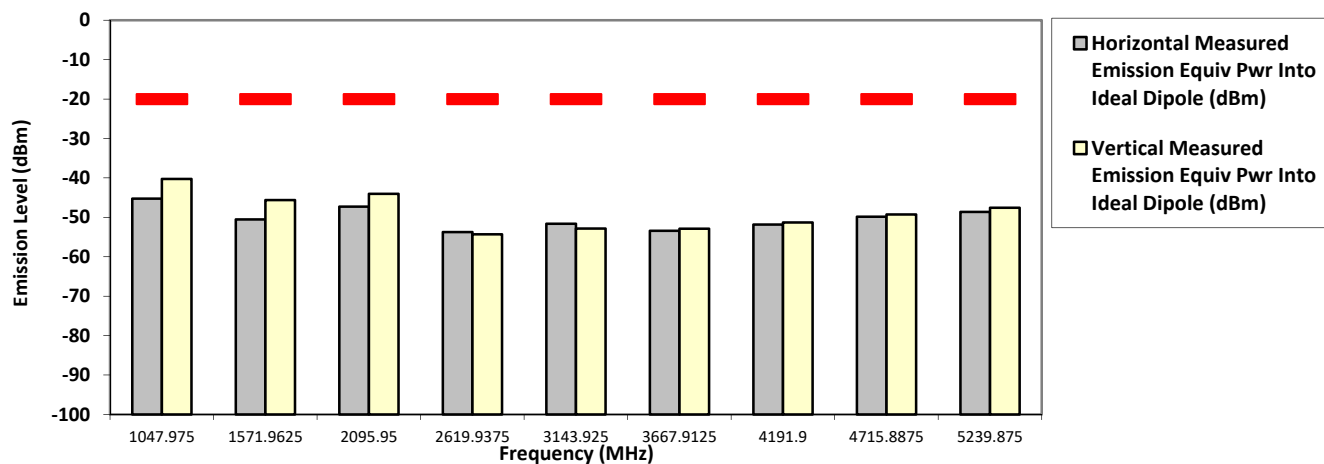
System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:
Model Number: T7039A (T7039-UHFR2C) S/N: 112CWF1609 SR:19588-EMC-00008
Battery Part No: NA Accy Part No: 3082933N20-C3
Test Mode: TX Phase II (HDQPSK)
523.987500 MHz 12.5 kHz 110.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1047.9750	-20.0000	-45.2500 *	-40.2800 *
1571.9625	-20.0000	-50.5500 *	-45.6400 *
2095.9500	-20.0000	-47.3000 *	-44.0300 *
2619.9375	-20.0000	-53.7441 **	-54.3174 **
3143.9250	-20.0000	-51.6293 **	-52.8567 **
3667.9125	-20.0000	-53.4311 **	-52.9017 **
4191.9000	-20.0000	-51.8451 **	-51.3157 **
4715.8875	-20.0000	-49.8504 **	-49.2618 **
5239.8750	-20.0000	-48.6313 **	-47.5756 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

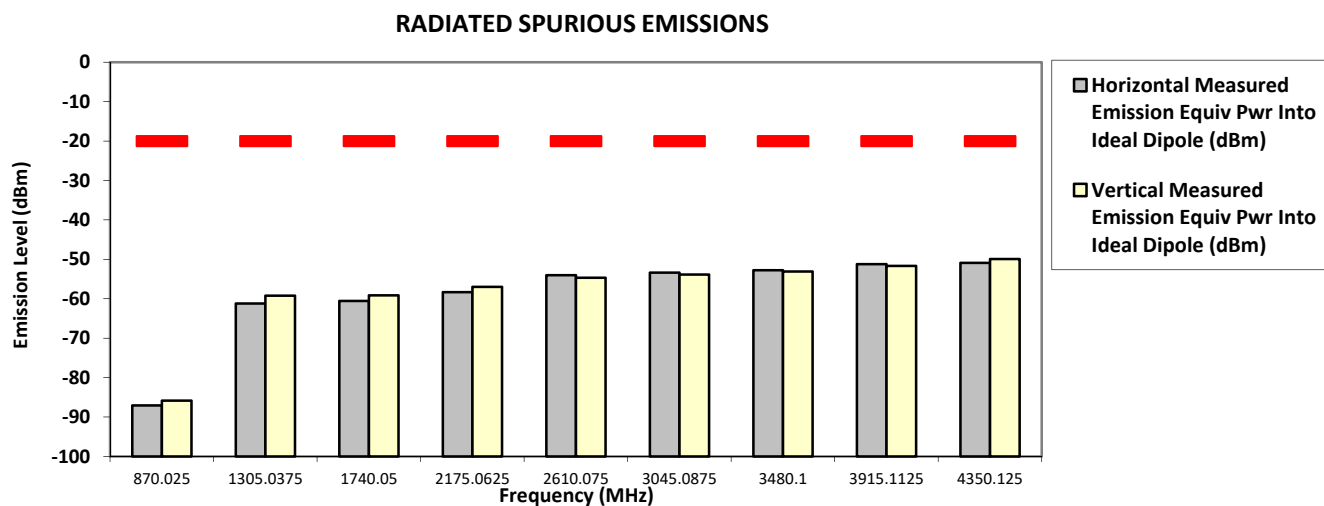
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX LSM
435.012500 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
870.0250	-20.0000	-87.0535 **	-85.8573 **
1305.0375	-20.0000	-61.2311 **	-59.2348 **
1740.0500	-20.0000	-60.5556 **	-59.1265 **
2175.0625	-20.0000	-58.3119 **	-56.9955 **
2610.0750	-20.0000	-54.0075 **	-54.6675 **
3045.0875	-20.0000	-53.3827 **	-53.8639 **
3480.1000	-20.0000	-52.7680 **	-53.0981 **
3915.1125	-20.0000	-51.2366 **	-51.6561 **
4350.1250	-20.0000	-50.9073 **	-49.9127 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

Test Mode: TX LSM

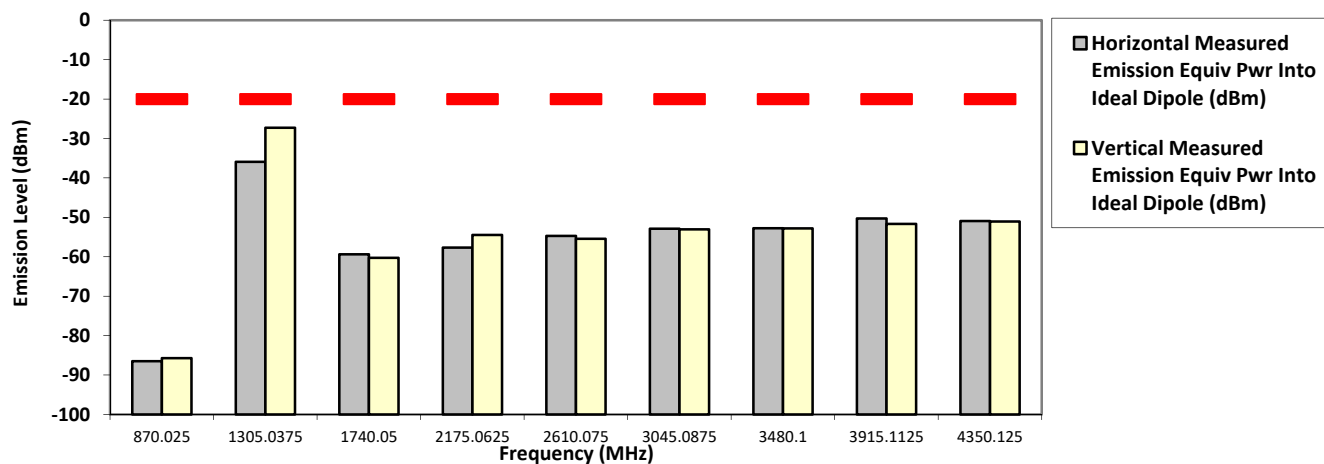
435.012500 MHz

12.5 kHz

110.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
870.0250	-20.0000	-86.4938 **	-85.7264 **
1305.0375	-20.0000	-35.9100	-27.2900
1740.0500	-20.0000	-59.3989 **	-60.2573 **
2175.0625	-20.0000	-57.6757 **	-54.4536 **
2610.0750	-20.0000	-54.7139 **	-55.4664 **
3045.0875	-20.0000	-52.8776 **	-53.0427 **
3480.1000	-20.0000	-52.7545 **	-52.8029 **
3915.1125	-20.0000	-50.3053 **	-51.6922 **
4350.1250	-20.0000	-50.9508 **	-51.0758 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

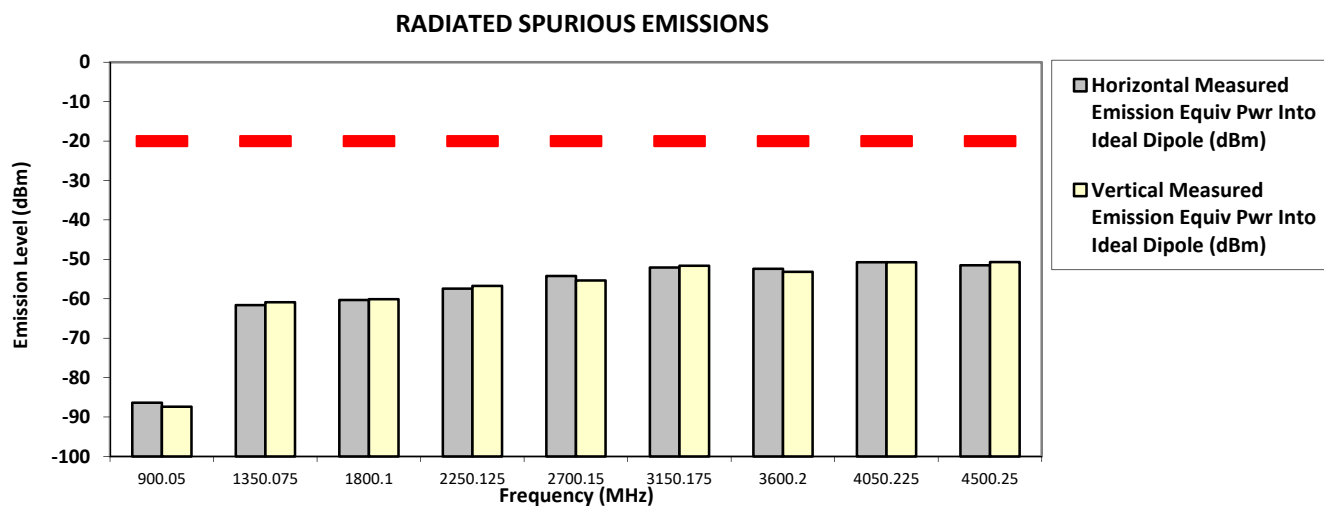
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX LSM
450.025000 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
900.0500	-20.0000	-86.3953 **	-87.3931 **
1350.0750	-20.0000	-61.6024 **	-60.8688 **
1800.1000	-20.0000	-60.3187 **	-60.1003 **
2250.1250	-20.0000	-57.4246 **	-56.7330 **
2700.1500	-20.0000	-54.2258 **	-55.3465 **
3150.1750	-20.0000	-52.0607 **	-51.6487 **
3600.2000	-20.0000	-52.4128 **	-53.1679 **
4050.2250	-20.0000	-50.7554 **	-50.7332 **
4500.2500	-20.0000	-51.5162 **	-50.7117 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SR:19588-EMC-00008

Accy Part No: 3082933N20-C3

110.000 Watt(s) /Max Power

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

Test Mode: TX LSM

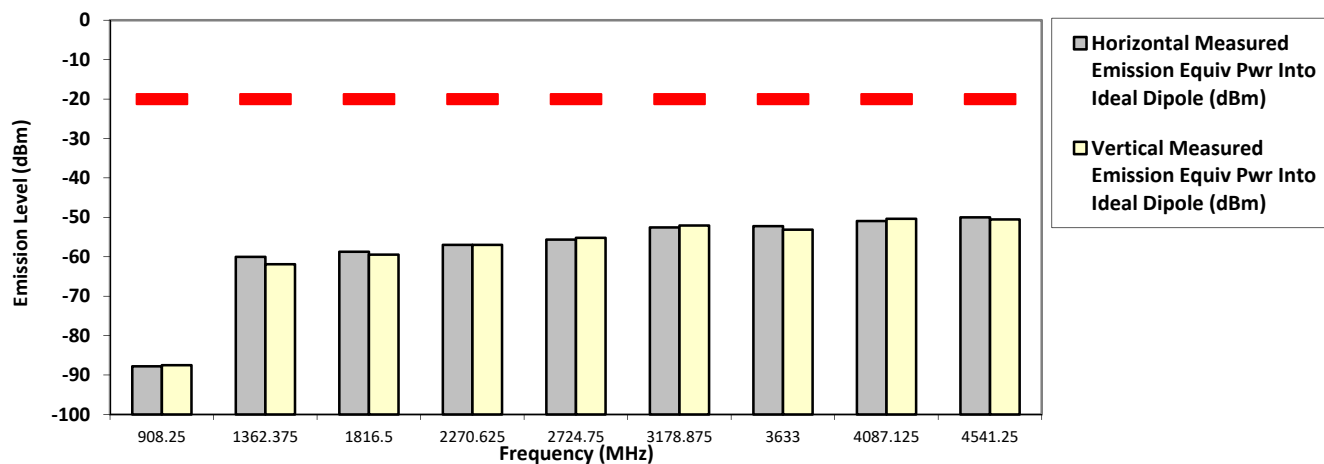
454.125000 MHz

12.5 kHz

2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
908.2500	-20.0000	-87.8118 **	-87.5320 **
1362.3750	-20.0000	-60.0197 **	-61.8939 **
1816.5000	-20.0000	-58.7359 **	-59.4859 **
2270.6250	-20.0000	-57.0022 **	-56.9770 **
2724.7500	-20.0000	-55.6471 **	-55.1968 **
3178.8750	-20.0000	-52.5716 **	-52.0959 **
3633.0000	-20.0000	-52.2298 **	-53.1263 **
4087.1250	-20.0000	-50.9531 **	-50.3831 **
4541.2500	-20.0000	-50.0089 **	-50.5423 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

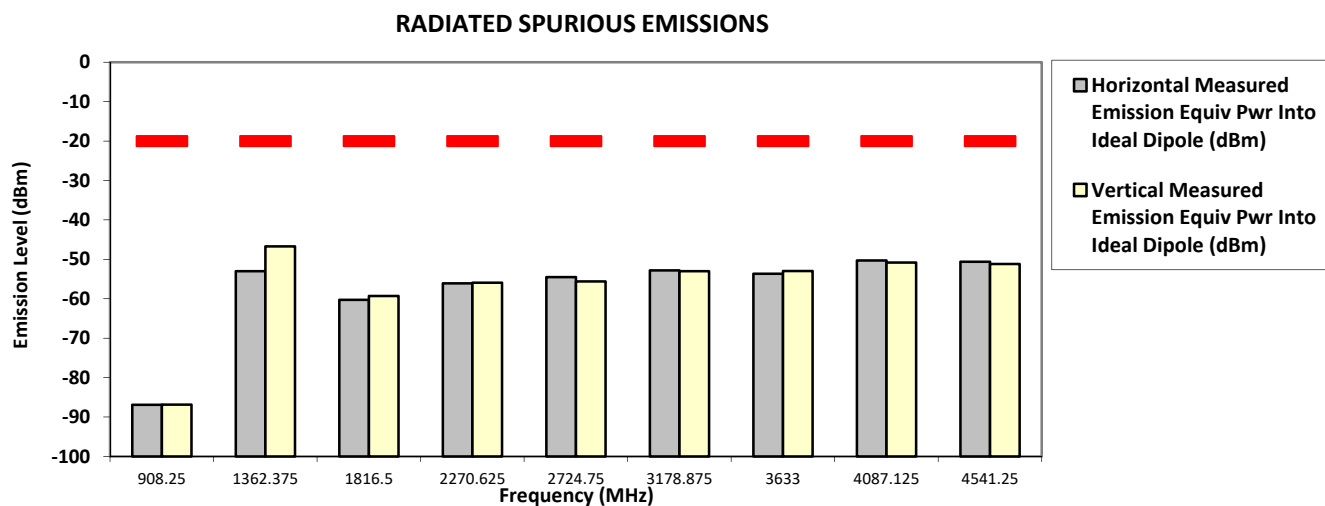
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX LSM
454.125000 MHz **12.5 kHz** **110.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
908.2500	-20.0000	-86.8912 **	-86.8458 **
1362.3750	-20.0000	-53.0100 *	-46.7100 *
1816.5000	-20.0000	-60.2794 **	-59.3212 **
2270.6250	-20.0000	-56.0982 **	-55.9148 **
2724.7500	-20.0000	-54.5324 **	-55.6201 **
3178.8750	-20.0000	-52.7940 **	-53.0303 **
3633.0000	-20.0000	-53.6624 **	-52.9682 **
4087.1250	-20.0000	-50.2849 **	-50.8285 **
4541.2500	-20.0000	-50.6092 **	-51.1663 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

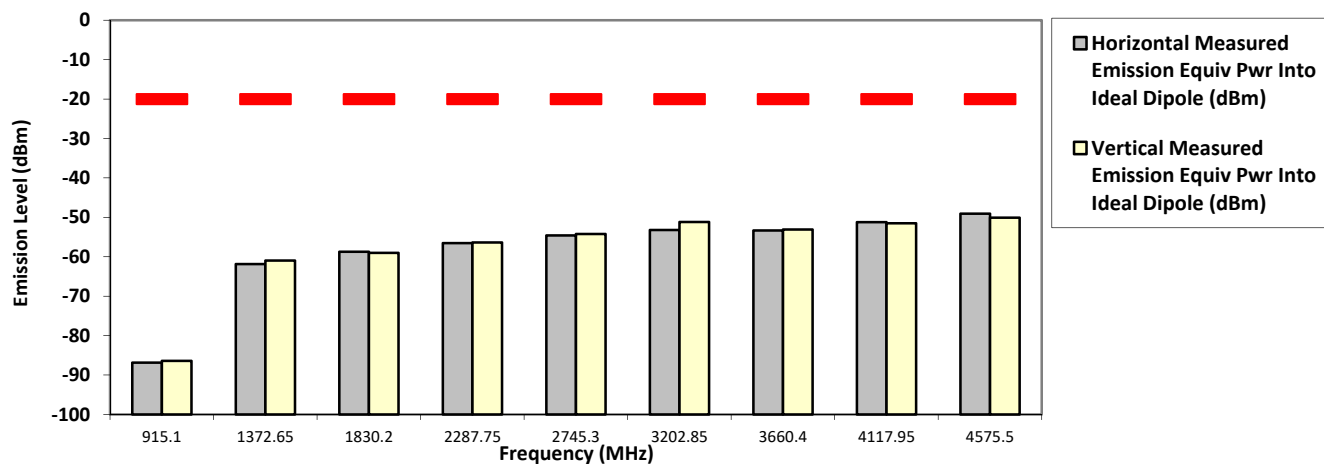
Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX LSM
457.550000 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
915.1000	-20.0000	-86.8636 **	-86.4190 **
1372.6500	-20.0000	-61.8603 **	-60.9623 **
1830.2000	-20.0000	-58.7527 **	-59.0368 **
2287.7500	-20.0000	-56.5439 **	-56.3921 **
2745.3000	-20.0000	-54.5815 **	-54.2214 **
3202.8500	-20.0000	-53.1996 **	-51.1927 **
3660.4000	-20.0000	-53.3496 **	-53.0748 **
4117.9500	-20.0000	-51.2260 **	-51.4930 **
4575.5000	-20.0000	-49.0824 **	-50.0802 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

Test Mode: TX LSM

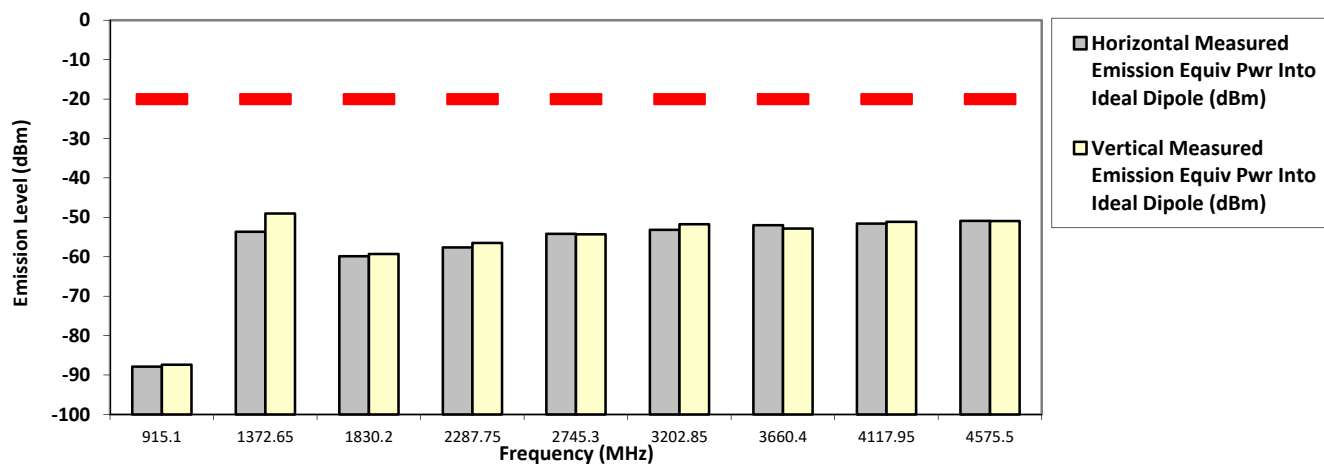
457.550000 MHz

12.5 kHz

110.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
915.1000	-20.0000	-87.8719 **	-87.3810 **
1372.6500	-20.0000	-53.6600 *	-49.0400 *
1830.2000	-20.0000	-59.8874 **	-59.3201 **
2287.7500	-20.0000	-57.6433 **	-56.5197 **
2745.3000	-20.0000	-54.1715 **	-54.3074 **
3202.8500	-20.0000	-53.1599 **	-51.7648 **
3660.4000	-20.0000	-51.9903 **	-52.8381 **
4117.9500	-20.0000	-51.6046 **	-51.1547 **
4575.5000	-20.0000	-50.9052 **	-50.9320 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

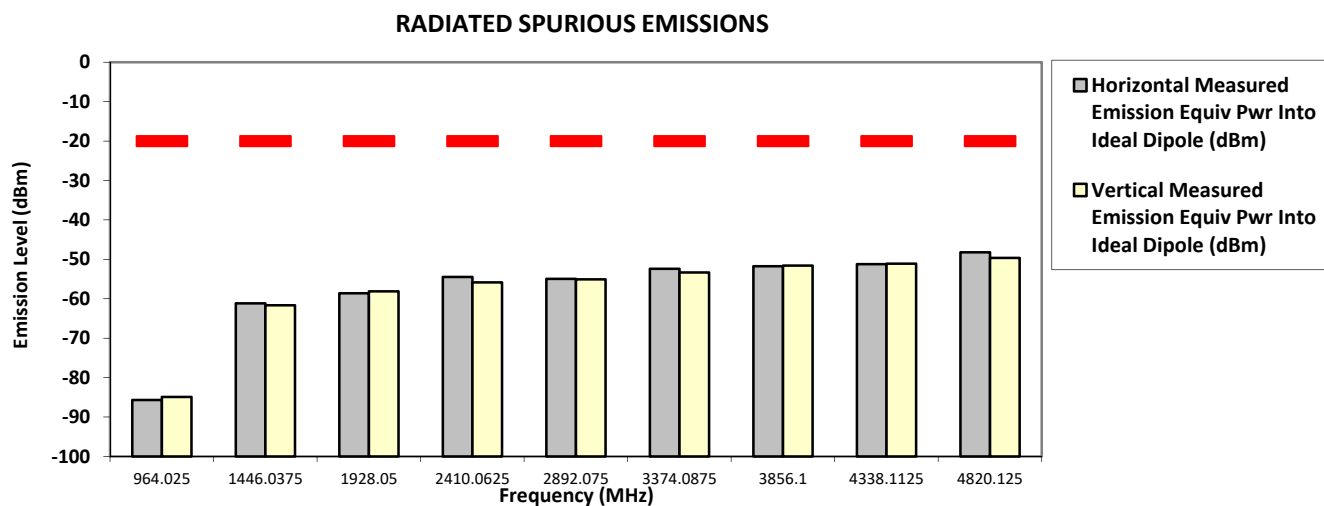
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX LSM
482.012500 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
964.0250	-20.0000	-85.7022 **	-84.9222 **
1446.0375	-20.0000	-61.1771 **	-61.6755 **
1928.0500	-20.0000	-58.5966 **	-58.1216 **
2410.0625	-20.0000	-54.4757 **	-55.8653 **
2892.0750	-20.0000	-54.9447 **	-55.0756 **
3374.0875	-20.0000	-52.4097 **	-53.3278 **
3856.1000	-20.0000	-51.7653 **	-51.6081 **
4338.1125	-20.0000	-51.2244 **	-51.0911 **
4820.1250	-20.0000	-48.2276 **	-49.6469 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Wed, May 13, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00008

Battery Part No: NA

Accy Part No: 3082933N20-C3

Test Mode: TX LSM

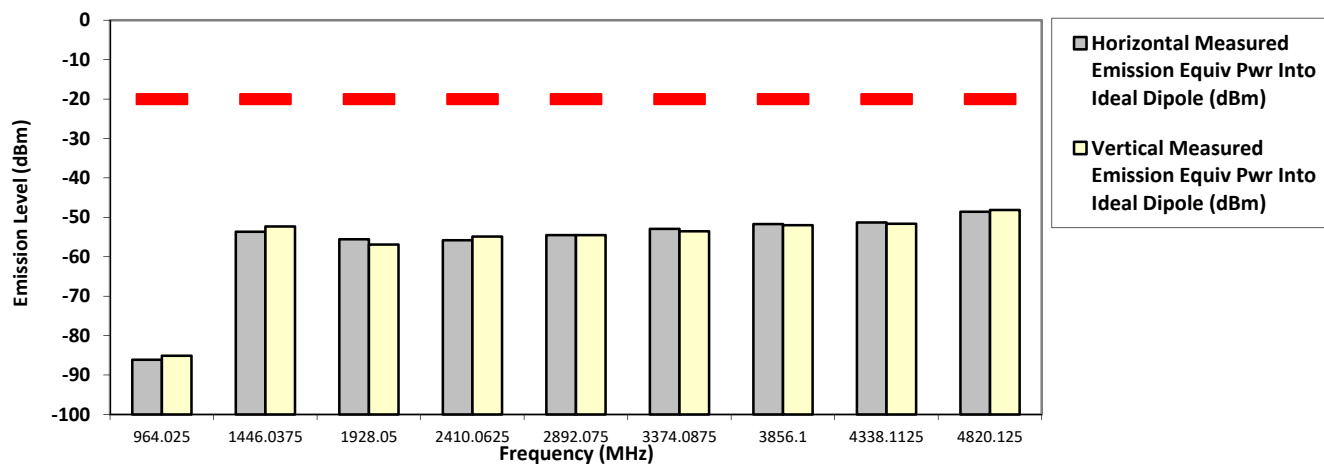
482.012500 MHz

12.5 kHz

110.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
964.0250	-20.0000	-86.1149 **	-85.1347 **
1446.0375	-20.0000	-53.6700 *	-52.3400 *
1928.0500	-20.0000	-55.5828 **	-56.9078 **
2410.0625	-20.0000	-55.8102 **	-54.8992 **
2892.0750	-20.0000	-54.4962 **	-54.4953 **
3374.0875	-20.0000	-52.9416 **	-53.5495 **
3856.1000	-20.0000	-51.6959 **	-51.9994 **
4338.1125	-20.0000	-51.3092 **	-51.6384 **
4820.1250	-20.0000	-48.5984 **	-48.1237 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Wed, May 13, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

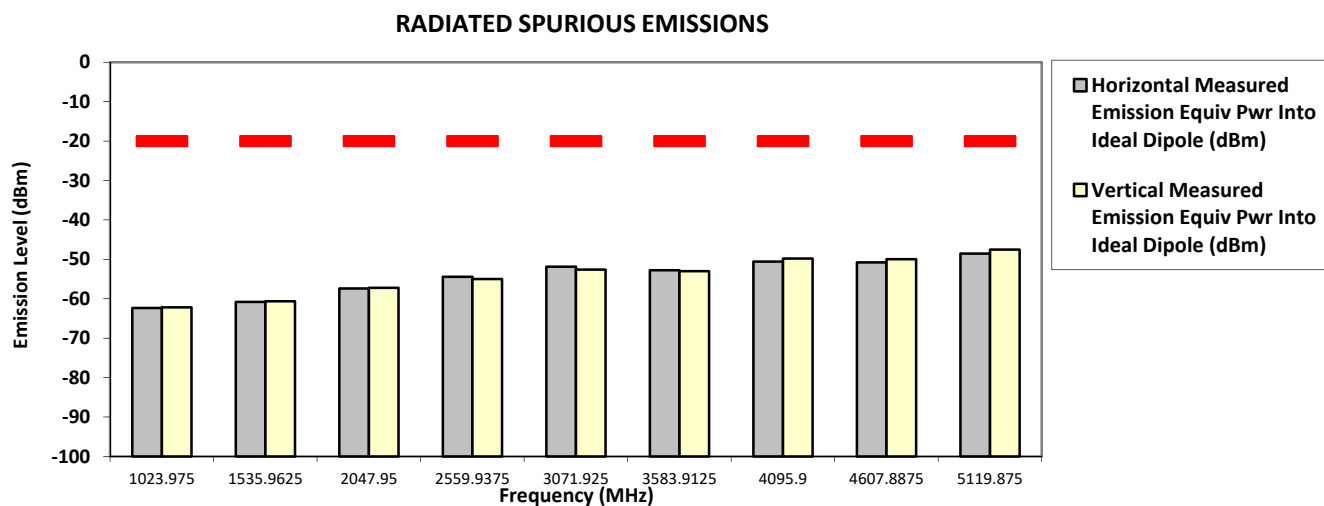
Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX LSM
511.987500 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1023.9750	-20.0000	-62.3614 **	-62.1791 **
1535.9625	-20.0000	-60.8237 **	-60.6297 **
2047.9500	-20.0000	-57.4100 **	-57.2512 **
2559.9375	-20.0000	-54.4185 **	-55.0154 **
3071.9250	-20.0000	-51.8556 **	-52.6029 **
3583.9125	-20.0000	-52.7487 **	-53.0083 **
4095.9000	-20.0000	-50.5611 **	-49.7974 **
4607.8875	-20.0000	-50.7764 **	-49.9732 **
5119.8750	-20.0000	-48.5389 **	-47.5139 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

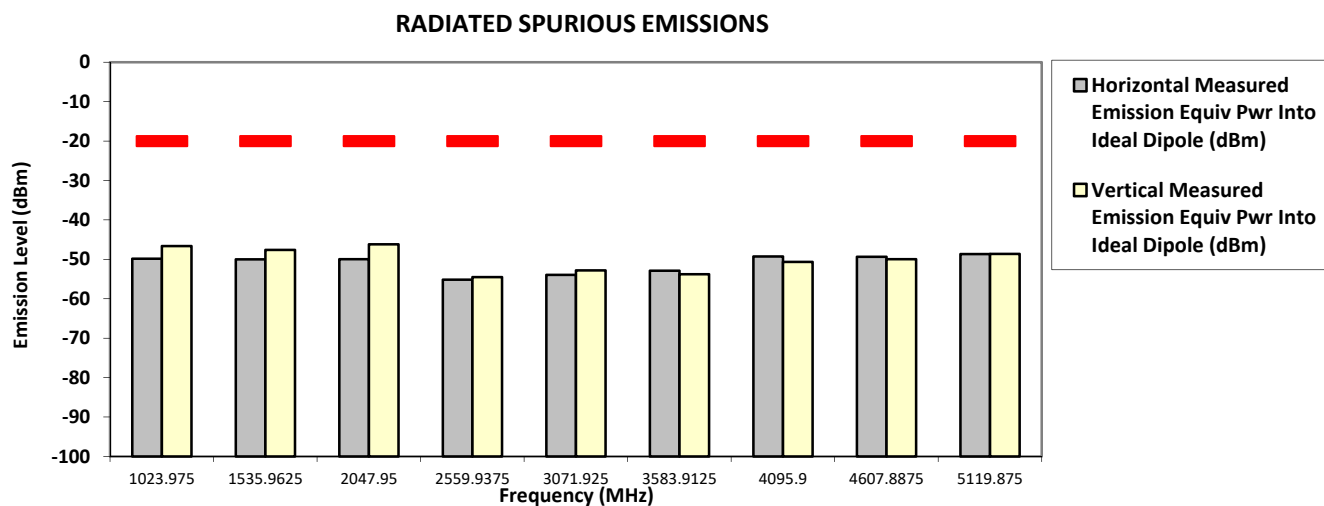
SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**

Test Mode: TX LSM

511.987500 MHz **12.5 kHz** **110.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1023.9750	-20.0000	-49.8500 *	-46.6500 *
1535.9625	-20.0000	-50.0100 *	-47.6000 *
2047.9500	-20.0000	-49.9800 *	-46.2000 *
2559.9375	-20.0000	-55.1623 **	-54.4944 **
3071.9250	-20.0000	-53.9328 **	-52.8183 **
3583.9125	-20.0000	-52.8977 **	-53.7682 **
4095.9000	-20.0000	-49.2668 **	-50.6443 **
4607.8875	-20.0000	-49.3702 **	-49.9574 **
5119.8750	-20.0000	-48.6662 **	-48.6339 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

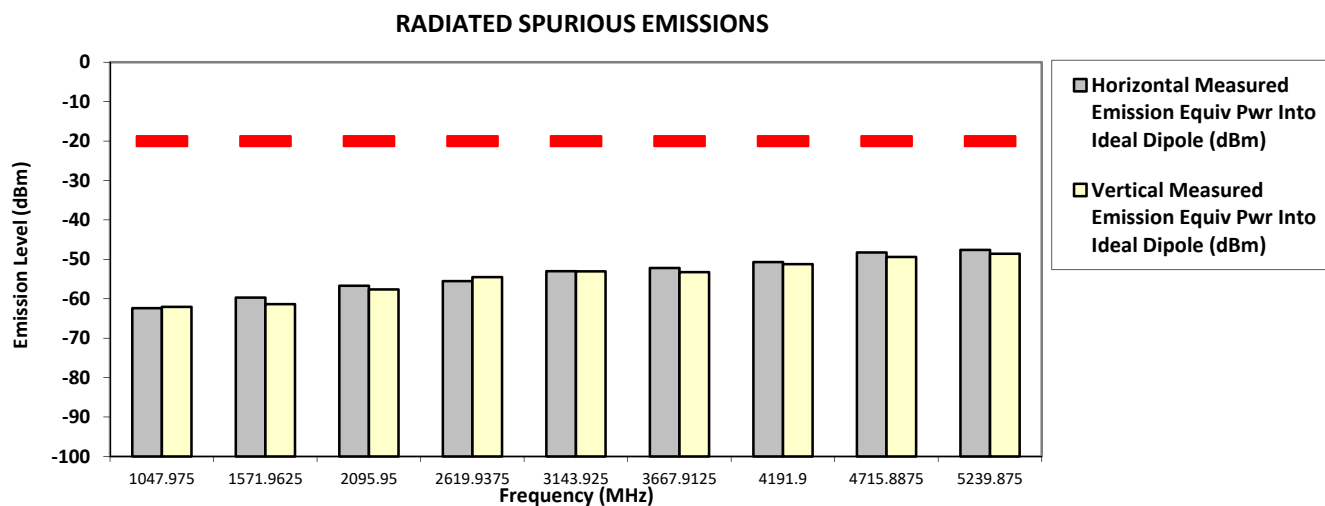
System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00008**
Battery Part No: NA **Accy Part No: 3082933N20-C3**
Test Mode: TX LSM
523.987500 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1047.9750	-20.0000	-62.3884 **	-62.0783 **
1571.9625	-20.0000	-59.6892 **	-61.3582 **
2095.9500	-20.0000	-56.7235 **	-57.6216 **
2619.9375	-20.0000	-55.5236 **	-54.5044 **
3143.9250	-20.0000	-53.0189 **	-53.0424 **
3667.9125	-20.0000	-52.2058 **	-53.2619 **
4191.9000	-20.0000	-50.6984 **	-51.2283 **
4715.8875	-20.0000	-48.2525 **	-49.3955 **
5239.8750	-20.0000	-47.5968 **	-48.6040 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sun, May 10, 2020

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): 22.6 Hum(%RH): 70.3

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SR:19588-EMC-00008

Accy Part No: 3082933N20-C3

110.000 Watt(s) /Max Power

SR:19588-EMC-00007

Accy Part No: 1948691-1-C2

2.000 Watt(s) /Low Power

SR:19588-EMC-00007

Accy Part No: 1948691-1-C2

110.000 Watt(s) /Max Power

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00007

Battery Part No: NA

Accy Part No: 1948691-1-C2

Test Mode: TX LSM

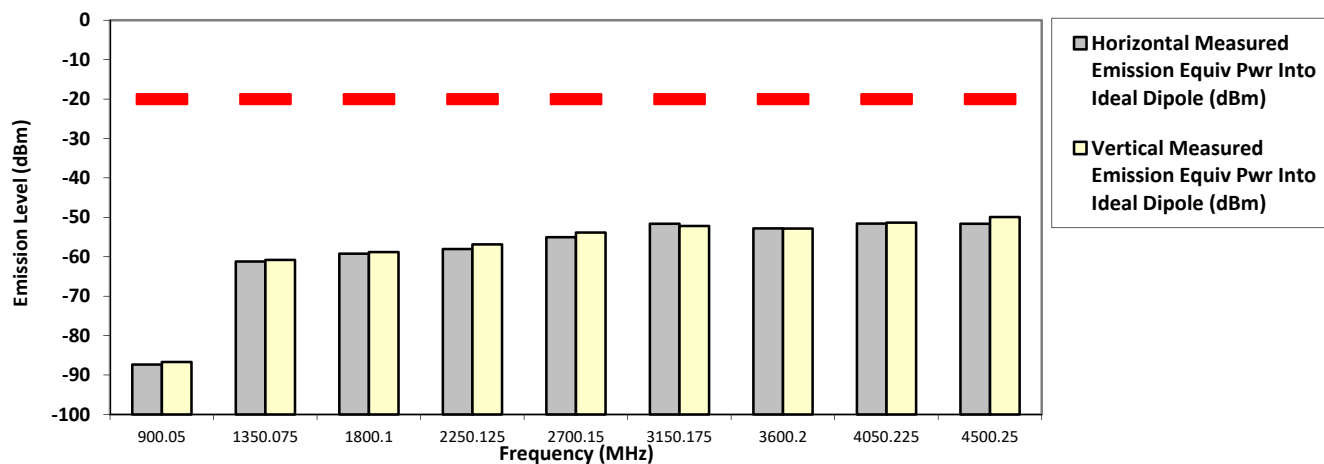
450.025000 MHz

12.5 kHz

2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
900.0500	-20.0000	-87.3669 **	-86.7069 **
1350.0750	-20.0000	-61.2256 **	-60.8042 **
1800.1000	-20.0000	-59.2197 **	-58.8218 **
2250.1250	-20.0000	-58.0503 **	-56.8843 **
2700.1500	-20.0000	-55.0557 **	-53.8685 **
3150.1750	-20.0000	-51.6203 **	-52.2129 **
3600.2000	-20.0000	-52.8129 **	-52.8449 **
4050.2250	-20.0000	-51.6079 **	-51.3304 **
4500.2500	-20.0000	-51.6192 **	-49.9460 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sat, May 16, 2020

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): 24.3 Hum(%RH): 68.4

System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00007

Battery Part No: NA

Accy Part No: 1948691-1-C2

Test Mode: TX LSM

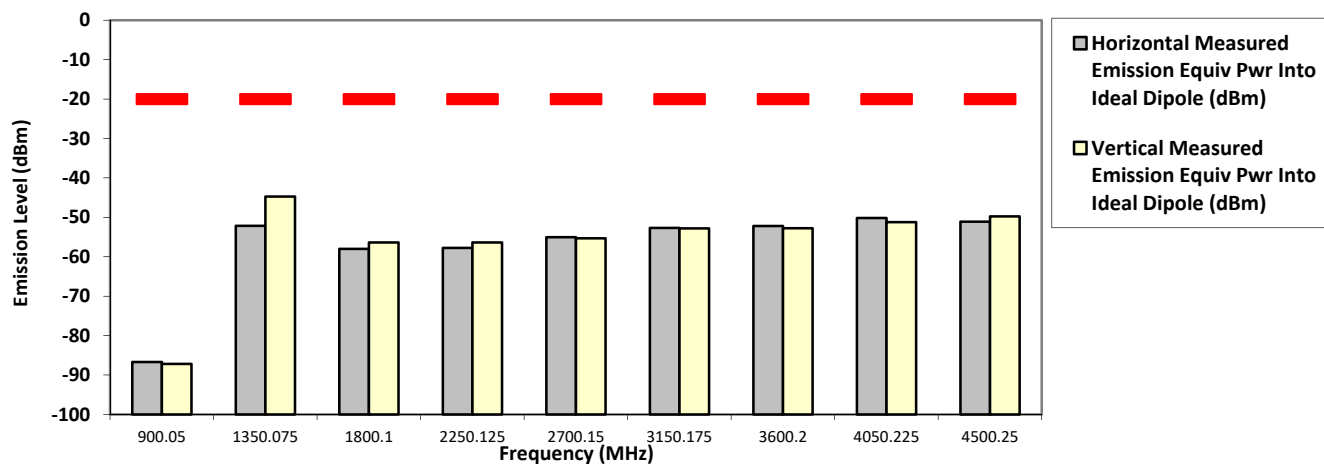
450.025000 MHz

12.5 kHz

110.000 Watt(s) /Max Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
900.0500	-20.0000	-86.7132 **	-87.1773 **
1350.0750	-20.0000	-52.1600 *	-44.7300 *
1800.1000	-20.0000	-58.0130 **	-56.3676 **
2250.1250	-20.0000	-57.7778 **	-56.3936 **
2700.1500	-20.0000	-55.0302 **	-55.3165 **
3150.1750	-20.0000	-52.6862 **	-52.8154 **
3600.2000	-20.0000	-52.1876 **	-52.7724 **
4050.2250	-20.0000	-50.1814 **	-51.2084 **
4500.2500	-20.0000	-51.1123 **	-49.7459 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Wed, May 13, 2020

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): 24.3 Hum(%RH): 68.4

System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C)

S/N: 112CWF1609

SR:19588-EMC-00007

Battery Part No: NA

Accy Part No: 1948691-1-C2

Test Mode: TX LSM

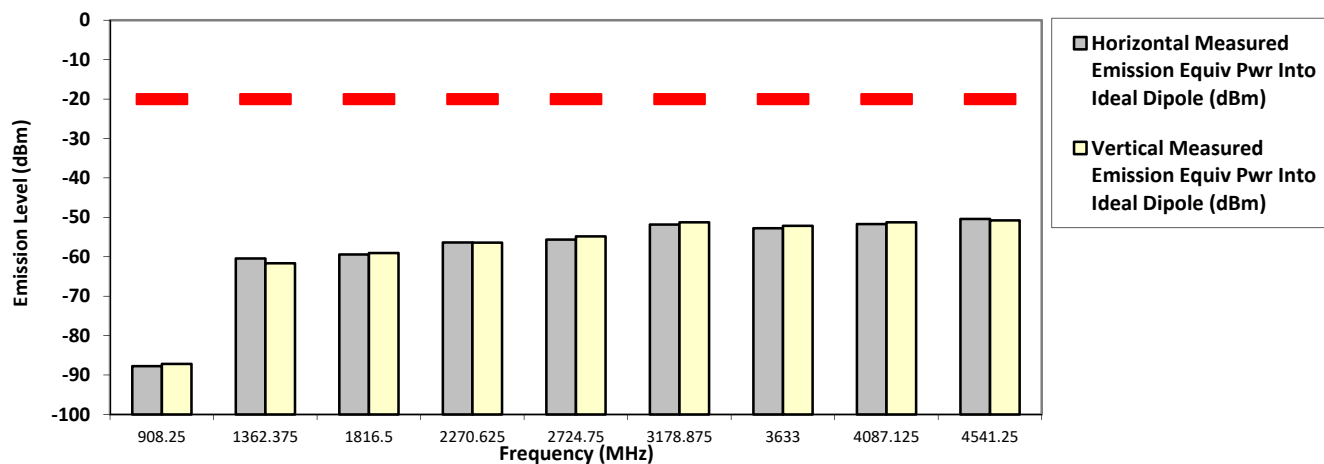
454.125000 MHz

12.5 kHz

2.000 Watt(s) /Low Power

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
908.2500	-20.0000	-87.7746 **	-87.1788 **
1362.3750	-20.0000	-60.4294 **	-61.6464 **
1816.5000	-20.0000	-59.4237 **	-59.0657 **
2270.6250	-20.0000	-56.3703 **	-56.4164 **
2724.7500	-20.0000	-55.6394 **	-54.8532 **
3178.8750	-20.0000	-51.8249 **	-51.2487 **
3633.0000	-20.0000	-52.7849 **	-52.1531 **
4087.1250	-20.0000	-51.7211 **	-51.2775 **
4541.2500	-20.0000	-50.4215 **	-50.7741 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sat, May 16, 2020

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): 24.3 Hum(%RH): 68.4

System MU: 4.03 dB

Remarks:

Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

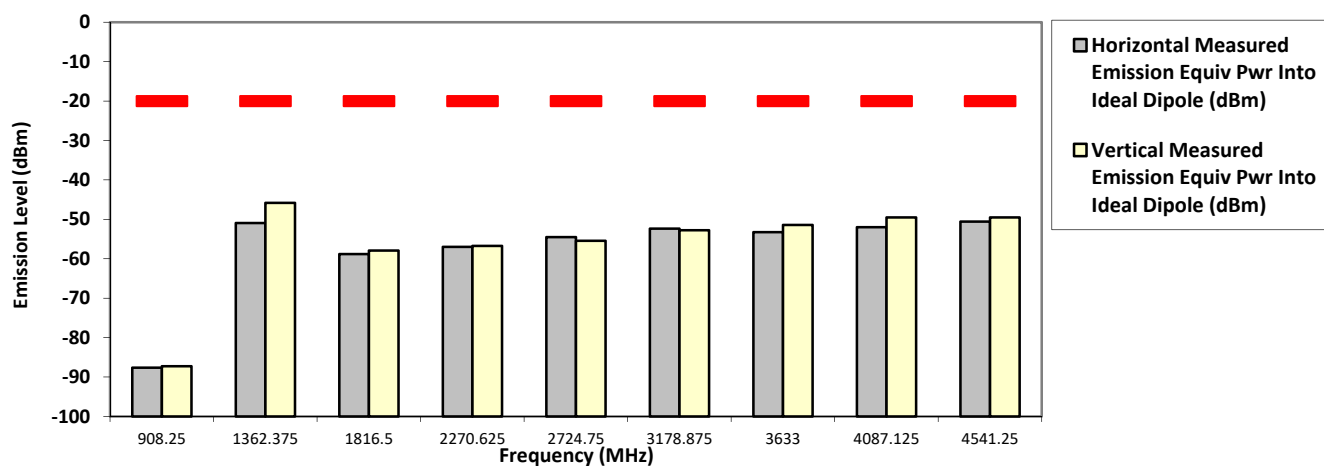
Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00007**
Battery Part No: NA **Accy Part No: 1948691-1-C2**

Test Mode: TX LSM

454.125000 MHz **12.5 kHz** **110.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
908.2500	-20.0000	-87.6377 **	-87.2666 **
1362.3750	-20.0000	-50.9400 *	-45.8100 *
1816.5000	-20.0000	-58.8019 **	-57.9101 **
2270.6250	-20.0000	-56.9902 **	-56.7663 **
2724.7500	-20.0000	-54.5146 **	-55.4366 **
3178.8750	-20.0000	-52.3447 **	-52.7731 **
3633.0000	-20.0000	-53.2366 **	-51.4159 **
4087.1250	-20.0000	-52.0134 **	-49.5391 **
4541.2500	-20.0000	-50.5626 **	-49.5118 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Wed, May 13, 2020

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): 24.3 Hum(%RH): 68.4

System MU: 4.03 dB

Remarks:	Passed Results	Marginal Results	Failed Results
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SR:19588-EMC-00007

Accy Part No: 1948691-1-C2

2.000 Watt(s) /Low Power

SAC Transmitter Radiated Emission:

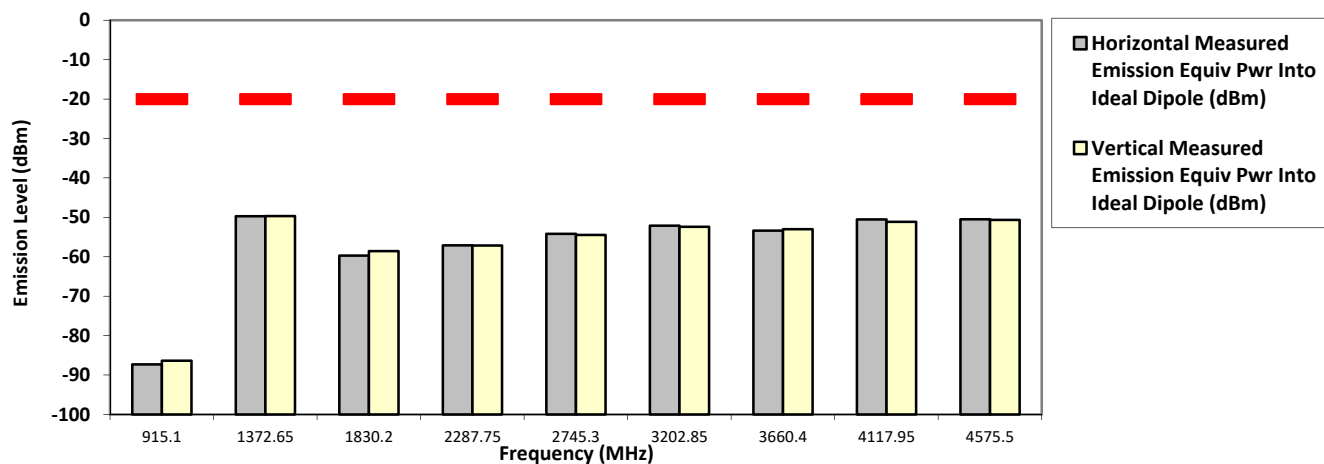
Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00007**
Battery Part No: NA **Accy Part No: 1948691-1-C2**

Test Mode: TX LSM

457.550000 MHz **12.5 kHz** **110.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
915.1000	-20.0000	-87.3161 **	-86.3805 **
1372.6500	-20.0000	-49.7400 *	-49.6800 *
1830.2000	-20.0000	-59.7101 **	-58.5724 **
2287.7500	-20.0000	-57.0991 **	-57.1332 **
2745.3000	-20.0000	-54.1775 **	-54.4653 **
3202.8500	-20.0000	-52.1384 **	-52.4212 **
3660.4000	-20.0000	-53.3811 **	-53.0058 **
4117.9500	-20.0000	-50.5391 **	-51.1353 **
4575.5000	-20.0000	-50.5114 **	-50.6462 **

RADIATED SPURIOUS EMISSIONS



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Wed, May 13, 2020

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): 24.3 Hum(%RH): 68.4

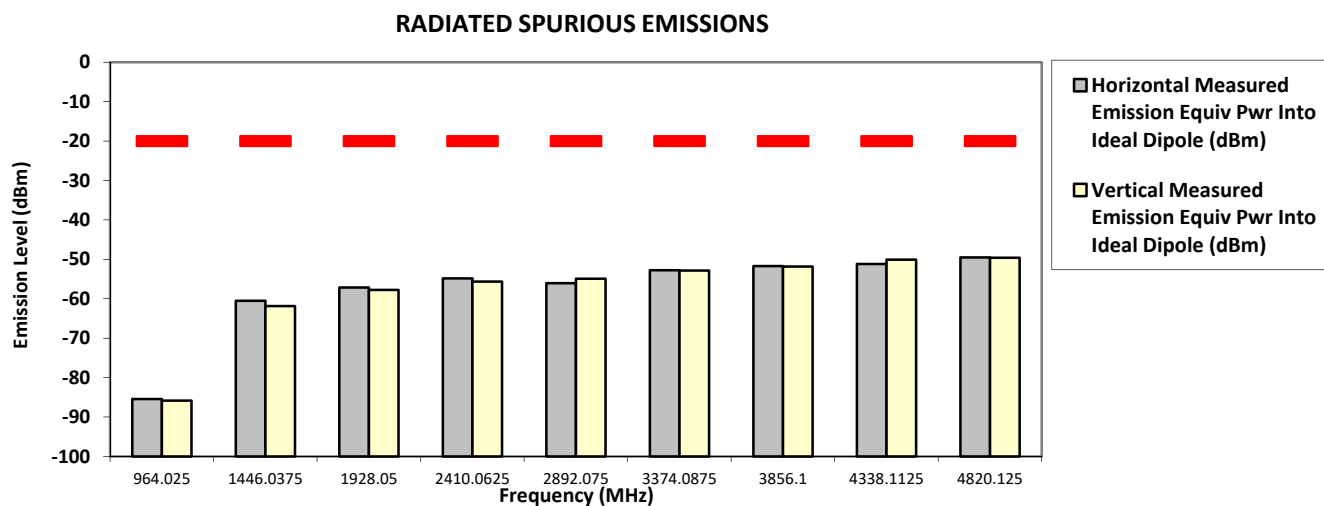
System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00007**
Battery Part No: NA **Accy Part No: 1948691-1-C2**
Test Mode: TX LSM
482.012500 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
964.0250	-20.0000	-85.4373 **	-85.8430 **
1446.0375	-20.0000	-60.5334 **	-61.8538 **
1928.0500	-20.0000	-57.1659 **	-57.7420 **
2410.0625	-20.0000	-54.8204 **	-55.6343 **
2892.0750	-20.0000	-56.0576 **	-54.9328 **
3374.0875	-20.0000	-52.7593 **	-52.8525 **
3856.1000	-20.0000	-51.7064 **	-51.8457 **
4338.1125	-20.0000	-51.1892 **	-50.1056 **
4820.1250	-20.0000	-49.5137 **	-49.6219 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sat, May 16, 2020

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): 24.3 Hum(%RH): 68.4

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SR:19588-EMC-00007

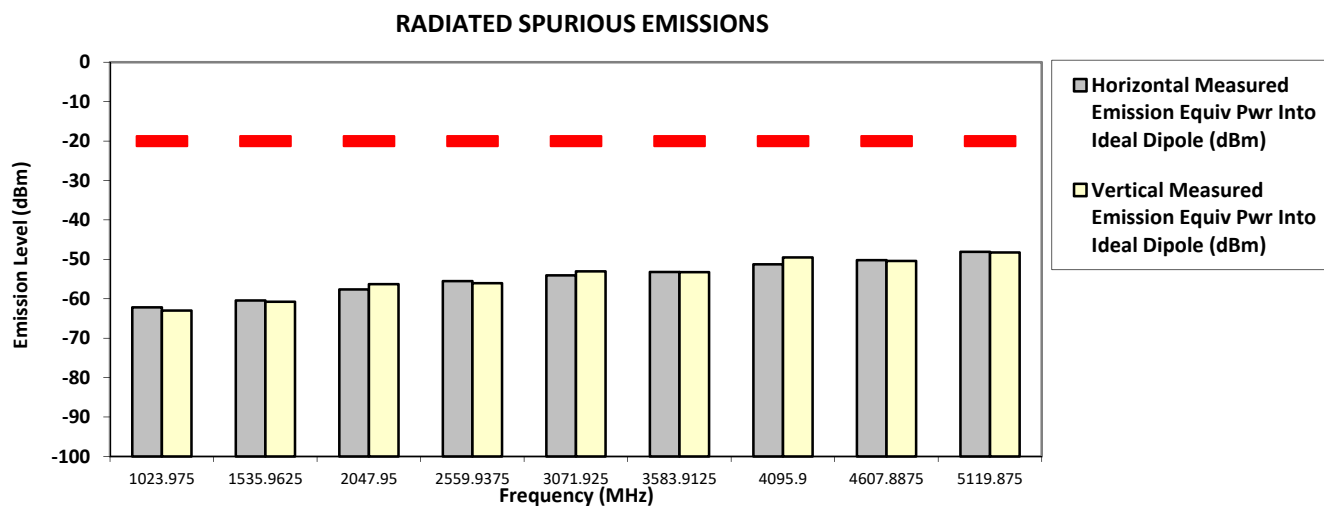
Accy Part No: 1948691-1-C2

110.000 Watt(s) /Max Power

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00007**
Battery Part No: NA **Accy Part No: 1948691-1-C2**
Test Mode: TX LSM
511.987500 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1023.9750	-20.0000	-62.1916 **	-62.9863 **
1535.9625	-20.0000	-60.4550 **	-60.7508 **
2047.9500	-20.0000	-57.6462 **	-56.3080 **
2559.9375	-20.0000	-55.5196 **	-56.0724 **
3071.9250	-20.0000	-54.0863 **	-53.0701 **
3583.9125	-20.0000	-53.2174 **	-53.2427 **
4095.9000	-20.0000	-51.2571 **	-49.5311 **
4607.8875	-20.0000	-50.2024 **	-50.3953 **
5119.8750	-20.0000	-48.0881 **	-48.2809 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sat, May 16, 2020

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): 24.3 Hum(%RH): 68.4

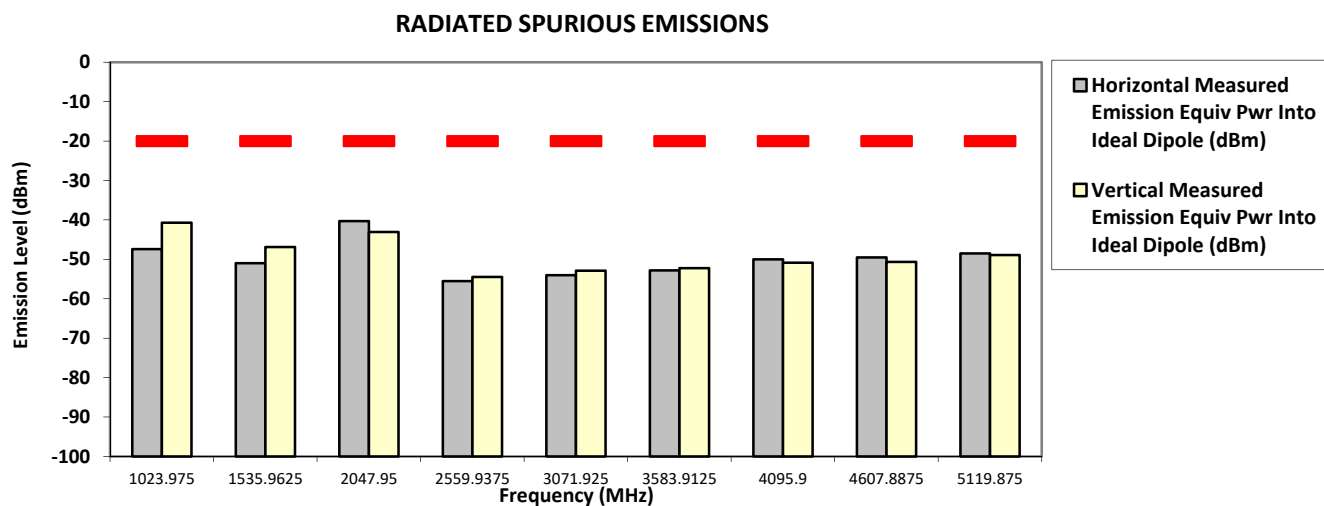
System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00007**
Battery Part No: NA **Accy Part No: 1948691-1-C2**
Test Mode: TX LSM
511.987500 MHz **12.5 kHz** **110.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1023.9750	-20.0000	-47.4200 *	-40.7200 *
1535.9625	-20.0000	-50.9700 *	-46.8800 *
2047.9500	-20.0000	-40.3000 *	-43.0600 *
2559.9375	-20.0000	-55.5297 **	-54.4862 **
3071.9250	-20.0000	-54.0167 **	-52.9082 **
3583.9125	-20.0000	-52.7932 **	-52.2306 **
4095.9000	-20.0000	-49.9951 **	-50.8772 **
4607.8875	-20.0000	-49.5077 **	-50.6570 **
5119.8750	-20.0000	-48.5160 **	-48.8957 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Thu, May 14, 2020

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): 24.3 Hum(%RH): 68.4

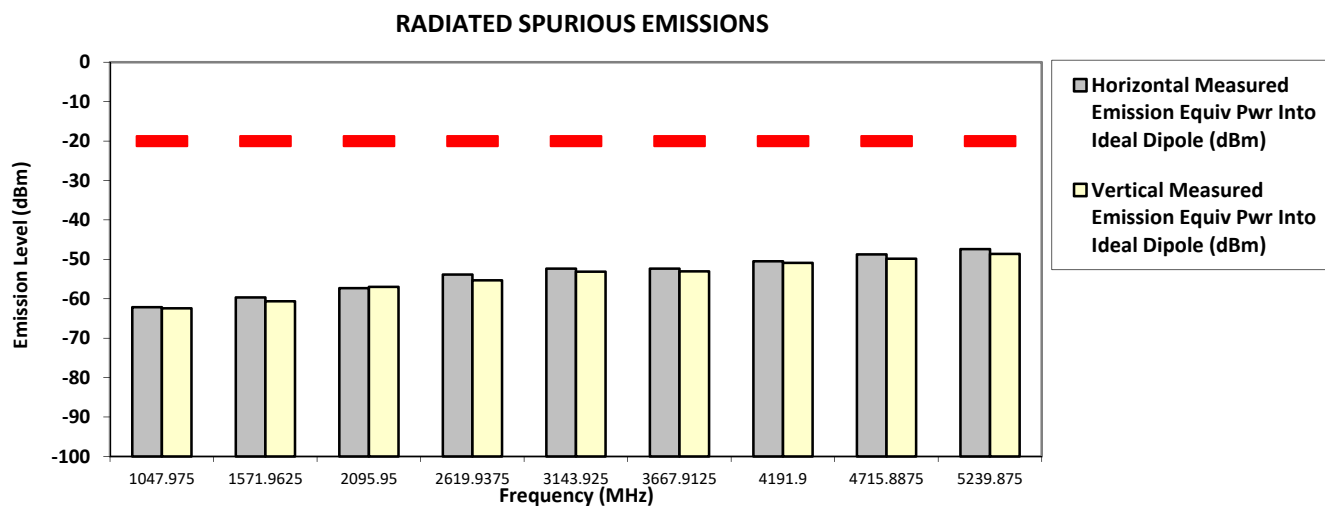
System MU: 4.03 dB

Remarks:	Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00007**
Battery Part No: NA **Accy Part No: 1948691-1-C2**
Test Mode: TX LSM
523.987500 MHz **12.5 kHz** **2.000 Watt(s) /Low Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1047.9750	-20.0000	-62.1500 **	-62.4289 **
1571.9625	-20.0000	-59.6539 **	-60.6339 **
2095.9500	-20.0000	-57.3087 **	-56.9999 **
2619.9375	-20.0000	-53.8518 **	-55.3256 **
3143.9250	-20.0000	-52.3736 **	-53.1357 **
3667.9125	-20.0000	-52.3825 **	-53.0375 **
4191.9000	-20.0000	-50.4838 **	-50.9009 **
4715.8875	-20.0000	-48.7700 **	-49.8326 **
5239.8750	-20.0000	-47.3927 **	-48.6161 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Sat, May 16, 2020

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): 24.3 Hum(%RH): 68.4

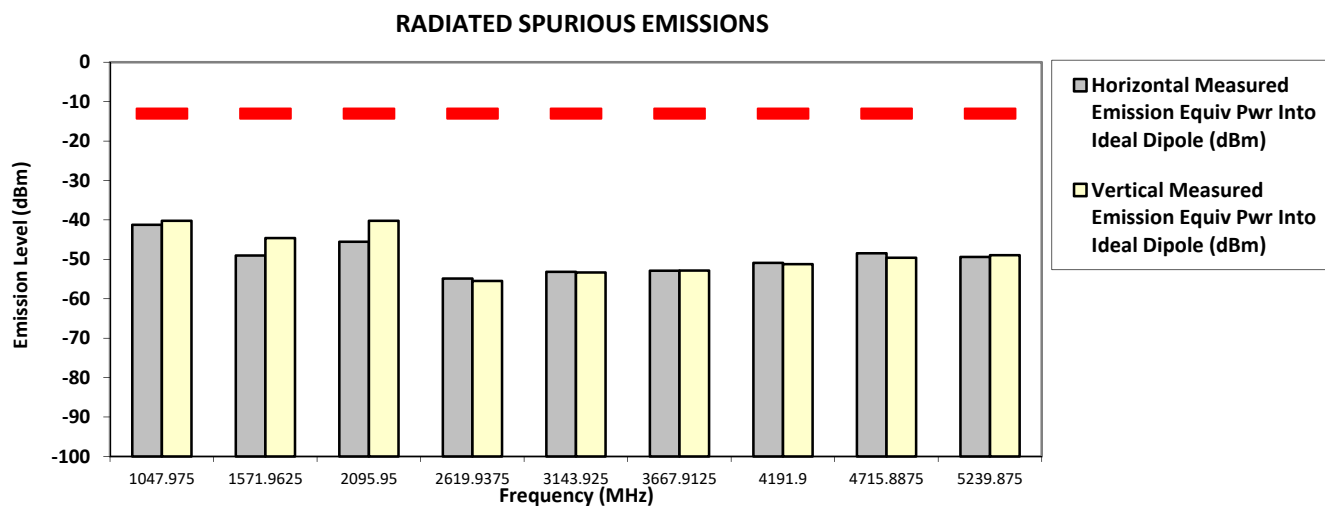
System MU: 4.03 dB

Remarks:	Passed Results	Marginal Results	Failed Results
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SAC Transmitter Radiated Emission:

Model Number: T7039A (T7039-UHFR2C) **S/N: 112CWF1609** **SR:19588-EMC-00007**
Battery Part No: NA **Accy Part No: 1948691-1-C2**
Test Mode: TX LSM
523.987500 MHz **12.5 kHz** **110.000 Watt(s) /Max Power**

Frequency (MHz)	Limit	Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm)	Vertical Measured Emission Equiv Pwr Into ideal Dipole (dBm)
1047.9750	-13.0000	-41.2400 *	-40.2100 *
1571.9625	-13.0000	-49.0300 *	-44.6200 *
2095.9500	-13.0000	-45.5500 *	-40.2300 *
2619.9375	-13.0000	-54.8811 **	-55.4778 **
3143.9250	-13.0000	-53.1753 **	-53.3213 **
3667.9125	-13.0000	-52.9081 **	-52.8331 **
4191.9000	-13.0000	-50.8971 **	-51.2200 **
4715.8875	-13.0000	-48.4820 **	-49.5989 **
5239.8750	-13.0000	-49.3848 **	-48.9490 **



The data presented here was taken using the substitution method as found in the ANSI C63.26-2015 document.
Motorola Penang EMC Lab - Test Performed by: Nazrin&Qawiman&Afendi Fri, May 15, 2020

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): 24.3 Hum(%RH): 68.4

System MU: 4.03 dB

Remarks: Passed Results Marginal Results Failed Results

6.11.4. Test Limit

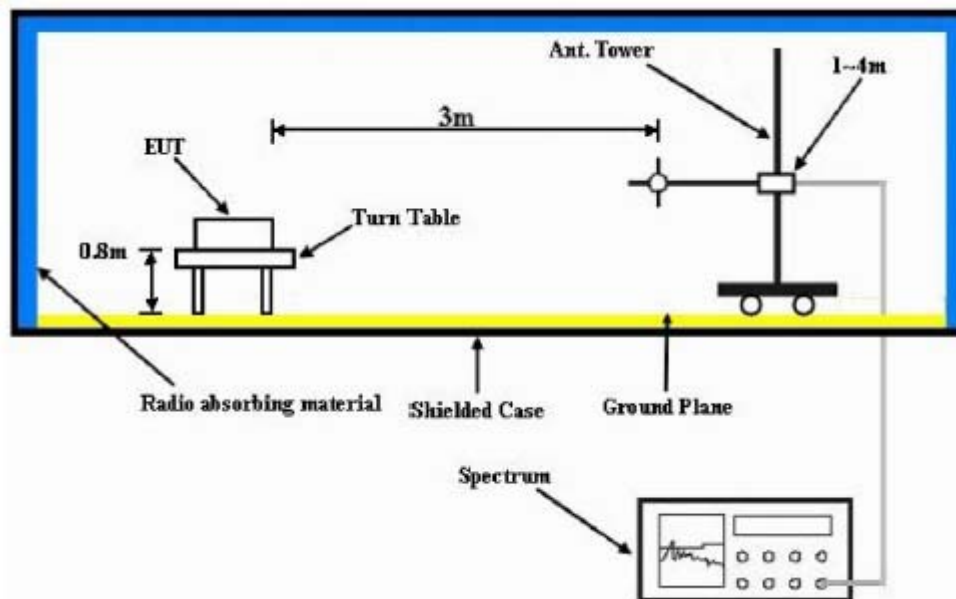
Table below summarized the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) by at least

Channel Spacing	Part 22	Part 24D	Part 74	Part 80	Part 90 (UHF, VHF, 800, 900)	Part 90 (700)
12.5kHz	43 + log ₁₀ (P) (-13 dBm)	43 + log ₁₀ (P) (-13 dBm)	43 + log ₁₀ (P) (-13 dBm)	Not Applicable	50 + log ₁₀ (P) (-20 dBm)	43 + log ₁₀ (P) (-13 dBm)
25kHz		Not Applicable		43 + log ₁₀ (P) (-13 dBm)	43 + log ₁₀ (P) (-13 dBm)	43 + log ₁₀ (P) (-13 dBm)

Channel Spacing	RSS 134	RSS 182	RSS 119 (UHF, VHF, 800, 900)	RSS 119 (700)
12.5kHz	43 + log ₁₀ (P) (-13 dBm)	Not Applicable	50 + log ₁₀ (P) (-20 dBm)	43 + log ₁₀ (P) (-13 dBm)
25kHz	Not Applicable	43 + log ₁₀ (P) (-13 dBm)	43 + log ₁₀ (P) (-13 dBm)	43 + log ₁₀ (P) (-13 dBm)

6.12. Effective Radiated Power (ERP)

6.12.1. Test Setup



- 1) The Resolution Bandwidth for Equivalent Radiated Power (ERP) below 1 GHz is 100 kHz with Video Bandwidth = 300 kHz and Resolution Bandwidth for EIRP above 1 GHz is 1 MHz with Video Bandwidth = 3 MHz. Detector Mode is RMS.
- 2) In the semi-anechoic chamber, setup as illustrated above the DUT placed on the 0.8m height (for $F_c < 1\text{GHz}$) or 1.5m (for $F_c > 1\text{GHz}$) of Turn Table, rotated the table 45 degree each interval to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power for each degree interval. The "Read Value" is the spectrum reading of maximum power value.
- 3) The substitution antenna is substituted for DUT at the same position and signals generator (S.G) export the CW signal to the substitution antenna via a TX cable. The receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum radiation power. Record the power level of maximum radiation power from spectrum. So, the Measured substitution value = Ref level of S.G + TX cables loss – Substituted Antenna Gain.

6.12.2. Test Result

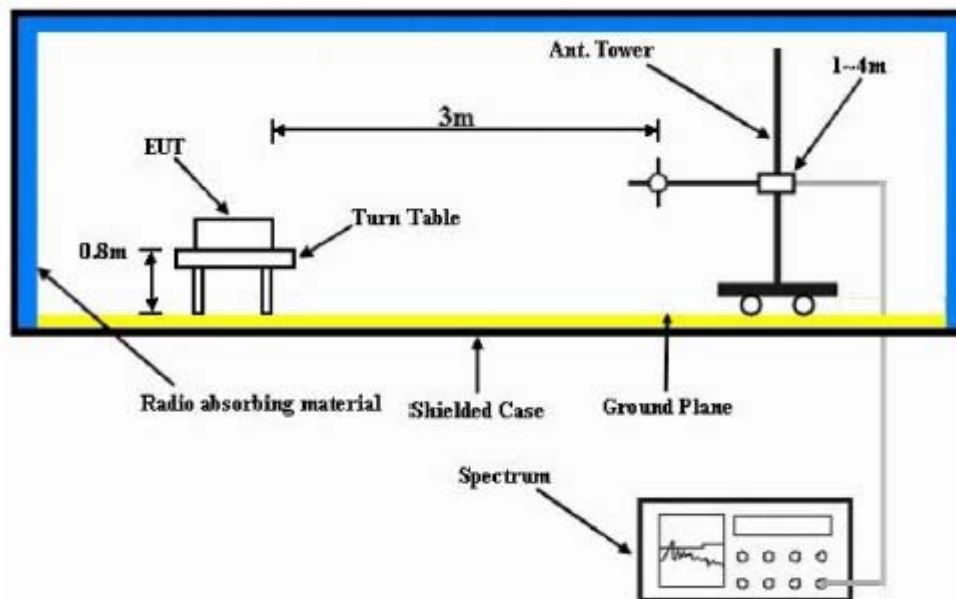
Not Applicable

6.12.3. Test Limit

The maximum output power of the transmitter for mobile stations is 100 watts (20 dB). Power is given in terms of effective radiated power (ERP).

6.13. GNSS (EIRP for 1559 - 1610MHz)

6.13.1. Test Setup



- 4) The Resolution Bandwidth for Equivalent Isotropically Radiated Power (EIRP) below 1 GHz is 100 kHz with Video Bandwidth = 300 kHz and Resolution Bandwidth for EIRP above 1 GHz is 1 MHz with Video Bandwidth = 3 MHz. Detector Mode is RMS.
- 5) In the semi-anechoic chamber, setup as illustrated above the DUT placed on the 0.8m height of Turn Table, rotated the table 45 degree each interval to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power for each degree interval. The “Read Value” is the spectrum reading of maximum power value.
- 6) The substitution antenna is substituted for DUT at the same position and signals generator (S.G) export the CW signal to the substitution antenna via a TX cable. The receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum radiation power. Record the power level of maximum radiation power from spectrum. So, the Measured substitution value = Ref level of S.G + TX cables loss – Substituted Antenna Gain.
- 7) $EIRP = \text{“Read Value”} + \text{Measured substitution value} + 2.15$.

6.13.1. Test Result

Not Applicable

6.13.2. Test Limit

For operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1559-1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth.

~ End of Test Report ~