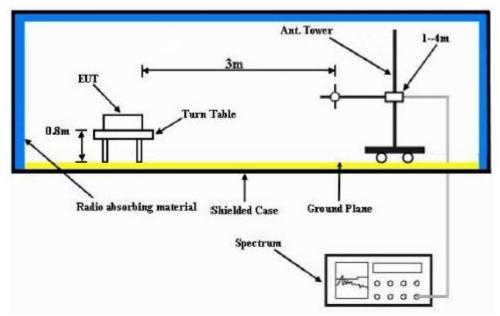
# 1.12. Radiated Spurious Emission

# **1.12.1. Test Setup**



- 1) The spectrum setting for scanning Radiated Emission below 1 GHz is RBW = 100 kHz, VBW = 300 kHz and above 1 GHz is RBW = 1MHz, VBW = 3MHz. Detector mode is positive peak.
- 2) In the semi-anechoic chamber, setup as illustrated above the EUT placed on the Turn Table at 0.8m height for below 1Ghz measurement and at 1.5m height for above 1GHz measurement, 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 EUT 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.

## **1.12.2. Test Limit**

For operations in the 746-758 MHz band and the 776-788 MHz band, the power of any emission outside the licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, in accordance with the following:

- (1) On any frequency outside the 746-758 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least  $43 + 10 \log (P) dB$ ;
- (2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least  $43 + 10 \log (P) dB$ ;
- (3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;
- (4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than  $65 + 10 \log (P) dB$  in a 6.25 kHz band segment, for mobile and portable stations;
- (5) Compliance with the provisions of paragraphs (1) and (2) of this section is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. However, in the 100 kHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 30 kHz may be employed;

# 1.12.3. Radiated Spurious Emission – LTE Band 13 (777-787MHz)

**SAC Transmitter Radiated Emission:** 

Model Number: H35UCT9PW8AN S/N: 022TYP0004 SR:26977-EMC-00110

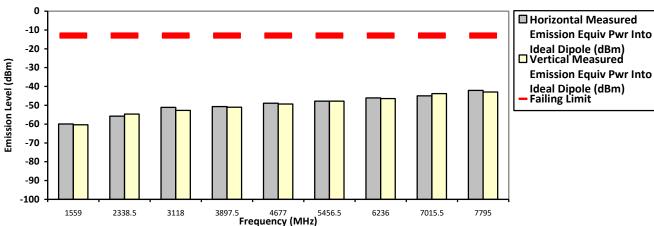
Battery Part No: PMNN4817A Accy Part No: AN000411A01

Test Mode: TX LTE (Band 13) X-Plane

779.500000 MHz (Low) Bandwidth 5MHz 0.252 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)
1559.0000	-13.0000	-59.9263 **	-60.3947 **
2338.5000	-13.0000	-55.8086 **	-54.6327 **
3118.0000	-13.0000	-51.1035 **	-52.6991 **
3897.5000	-13.0000	-50.6766 **	-50.9853 **
4677.0000	-13.0000	-48.9374 **	-49.3443 **
5456.5000	-13.0000	-47.7933 **	-47.8343 **
6236.0000	-13.0000	-46.0589 **	-46.4346 **
7015.5000	-13.0000	-44.9614 **	-43.7952 **
7795.0000	-13.0000	-42.1083 **	-42.9514 **

# 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: Qawiman&Nazrin

Tue, 16 Aug, 2022

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

System MU: 4.03 dB Temp(Deg): 23.5 Hum(%RH): 69.9

Remarks: Passed Results Marginal Results Failed Results

Report Template Document Number: FCD-0087 Report ID: 26977-RF-00028 Report Template Revision Number: Rev. E FCC ID: AZ489FT7147

IC: 109U-89FT7147

**SAC Transmitter Radiated Emission:** 

Model Number: H35UCT9PW8AN S/N: 022TYP0004 SR:26977-EMC-00110

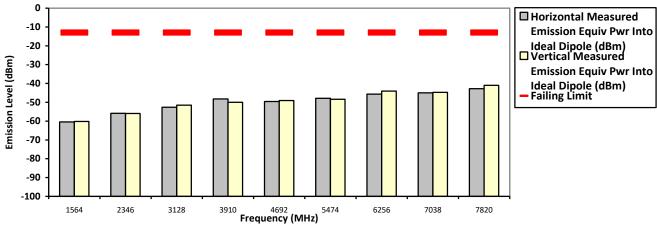
**Battery Part No: PMNN4817A** Accy Part No: AN000411A01

Test Mode: TX LTE (Band 13) X-Plane

Bandwidth 10MHz 782.000000 MHz (Mid) 0.252 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)
1564.0000	-13.0000	-60.4075 **	-60.1894 **
2346.0000	-13.0000	-55.8731 **	-55.9720 **
3128.0000	-13.0000	-52.6032 **	-51.5299 **
3910.0000	-13.0000	-48.2248 **	-50.0300 **
4692.0000	-13.0000	-49.5405 **	-49.0564 **
5474.0000	-13.0000	-47.8892 **	-48.3878 **
6256.0000	-13.0000	-45.6885 **	-44.0434 **
7038.0000	-13.0000	-44.9951 **	-44.6965 **
7820.0000	-13.0000	-42.7814 **	-41.0354 **

# **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: Qawiman&Nazrin Tue, 16 Aug, 2022

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

System MU: 4.03 dB Temp(Deg): 23.5 Hum(%RH): 69.9

Remarks:	Passed Results	Marginal Results	Failed Results

**SAC Transmitter Radiated Emission:** 

Model Number: H35UCT9PW8AN S/N: 022TYP0004 SR:26977-EMC-00110

Battery Part No: PMNN4817A Accy Part No: AN000411A01

Test Mode: TX LTE (Band 13) X-Plane

784.500000 MHz (High) Bandwidth 5MHz 0.252 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)
1569.0000	-13.0000	-60.0182 **	-59.9737 **
2353.5000	-13.0000	-55.1655 **	-55.9960 **
3138.0000	-13.0000	-52.8290 **	-51.9349 **
3922.5000	-13.0000	-50.2221 **	-49.6756 **
4707.0000	-13.0000	-48.9343 **	-49.1454 **
5491.5000	-13.0000	-48.5349 **	-48.0685 **
6276.0000	-13.0000	-46.1080 **	-45.8946 **
7060.5000	-13.0000	-44.6457 **	-44.7880 **
7845.0000	-13.0000	-41.9499 **	-43.3292 **

**RADIATED SPURIOUS EMISSIONS** 

# Horizontal Measured Emission Equiv Pwr Into Ideal Dipole (dBm) Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm) Vertical Measured Emission Equiv Pwr Into Ideal Dipole (dBm) Failing Limit

7060.5

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: Qawiman&Nazrin

Tue, 16 Aug, 2022

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

System MU: 4.03 dB Temp(Deg): 23.5 Hum(%RH): 69.9

3922.5 4707 5491.5 **Frequency (MHz)** 

-90 -100

1569

2353.5

3138

Remarks:	Passed Results	Marginal Results	Failed Results

**SAC Transmitter Radiated Emission:** 

Model Number: H35UCT9PW8AN S/N: 022TYP0004 SR:26977-EMC-00110

Battery Part No: PMNN4817A Accy Part No: AN000411A01

Test Mode: TX LTE (Band 13) Y-Plane

779.500000 MHz (Low) Bandwidth 5MHz 0.252 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)
1559.0000	-13.0000	-59.4528 **	-59.1282 **
2338.5000	-13.0000	-55.4235 **	-56.3783 **
3118.0000	-13.0000	-52.6244 **	-52.2346 **
3897.5000	-13.0000	-50.8473 **	-49.8377 **
4677.0000	-13.0000	-47.8810 **	-48.5639 **
5456.5000	-13.0000	-48.5918 **	-47.0754 **
6236.0000	-13.0000	-46.6307 **	-46.0407 **
7015.5000	-13.0000	-44.1025 **	-44.6035 **
7795.0000	-13.0000	-43.4747 **	-41.9020 **

#### **RADIATED SPURIOUS EMISSIONS** 0 **■** Horizontal Measured -10 **Emission Equiv Pwr Into** Ideal Dipole (dBm) Vertical Measured -20 Emission Level (dBm) -30 **Emission Equiv Pwr Into** -40 Ideal Dipole (dBm) Failing Limit -50 -60 -70 -80 -90

7015.5

7795

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: Qawiman&Nazrin

Tue, 16 Aug, 2022

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

System MU: 4.03 dB Temp(Deg): 23.5 Hum(%RH): 69.9

3897.5 4677 5456.5 **Frequency (MHz)** 

-100

1559

2338.5

3118

Remarks:	Passed Results	Marginal Results	Failed Results
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Report Template Document Number: FCD-0087 Report ID: 26977-RF-00028 Report Template Revision Number: Rev. E FCC ID: AZ489FT7147

IC: 109U-89FT7147

**SAC Transmitter Radiated Emission:** 

Model Number: H35UCT9PW8AN S/N: 022TYP0004 SR:26977-EMC-00110

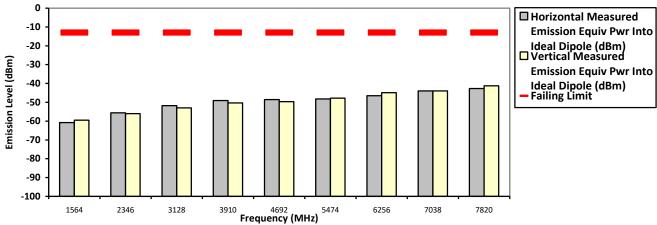
**Battery Part No: PMNN4817A** Accy Part No: AN000411A01

Test Mode: TX LTE (Band 13) Y-Plane

Bandwidth 10MHz 782.000000 MHz (Mid) 0.252 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)
1564.0000	-13.0000	-60.8142 **	-59.4718 **
2346.0000	-13.0000	-55.6161 **	-56.0279 **
3128.0000	-13.0000	-51.7681 **	-53.0044 **
3910.0000	-13.0000	-49.0802 **	-50.3809 **
4692.0000	-13.0000	-48.5874 **	-49.6955 **
5474.0000	-13.0000	-48.1952 **	-47.7689 **
6256.0000	-13.0000	-46.4954 **	-44.9194 **
7038.0000	-13.0000	-43.9822 **	-43.9792 **
7820.0000	-13.0000	-42.7116 **	-41.2765 **

# **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: Qawiman&Nazrin Tue, 16 Aug, 2022

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

System MU: 4.03 dB Temp(Deg): 23.5 Hum(%RH): 69.9

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

Model Number: H35UCT9PW8AN S/N: 022TYP0004 SR:26977-EMC-00110

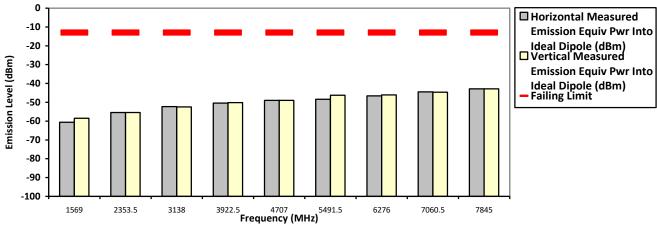
Battery Part No: PMNN4817A Accy Part No: AN000411A01

Test Mode: TX LTE (Band 13) Y-Plane

784.500000 MHz (High) Bandwidth 5MHz 0.252 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)
1569.0000	-13.0000	-60.6385 **	-58.4535 **
2353.5000	-13.0000	-55.4333 **	-55.4240 **
3138.0000	-13.0000	-52.2931 **	-52.4221 **
3922.5000	-13.0000	-50.3915 **	-50.1792 **
4707.0000	-13.0000	-48.9966 **	-48.9936 **
5491.5000	-13.0000	-48.4037 **	-46.2714 **
6276.0000	-13.0000	-46.5770 **	-46.1213 **
7060.5000	-13.0000	-44.4857 **	-44.6818 **
7845.0000	-13.0000	-42.9014 **	-42.8633 **

# 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: Qawiman&Nazrin

Tue, 16 Aug, 2022

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

System MU: 4.03 dB Temp(Deg): 23.5 Hum(%RH): 69.9

Remarks:	Passed Results	Marginal Results	Failed Results

**SAC Transmitter Radiated Emission:** 

Model Number: H35UCT9PW8AN S/N: 022TYP0004 SR:26977-EMC-00110

Battery Part No: PMNN4817A Accy Part No: AN000411A01

Test Mode: TX LTE (Band 13) Z-Plane

779.500000 MHz (Low) Bandwidth 5MHz 0.252 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)
1559.0000	-13.0000	-60.5667 **	-60.1695 **
2338.5000	-13.0000	-56.0843 **	-54.6928 **
3118.0000	-13.0000	-51.5169 **	-51.7152 **
3897.5000	-13.0000	-50.6548 **	-49.9135 **
4677.0000	-13.0000	-49.5420 **	-48.8504 **
5456.5000	-13.0000	-48.4010 **	-49.3240 **
6236.0000	-13.0000	-46.1308 **	-46.5281 **
7015.5000	-13.0000	-42.9062 **	-43.4508 **
7795.0000	-13.0000	-42.6767 **	-42.4642 **

#### **RADIATED SPURIOUS EMISSIONS** 0 ☐ Horizontal Measured -10 **Emission Equiv Pwr Into** Ideal Dipole (dBm) Vertical Measured -20 Emission Level (dBm) -30 **Emission Equiv Pwr Into** -40 Ideal Dipole (dBm) Failing Limit -50 -60 -70 -80 -90

7015.5

7795

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: Qawiman&Nazrin

Tue, 16 Aug, 2022

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

System MU: 4.03 dB Temp(Deg): 23.5 Hum(%RH): 69.9

3897.5 4677 5456.5 **Frequency (MHz)** 

-100

1559

2338.5

3118

Remarks:	Passed Results	Marginal Results	Failed Results

**SAC Transmitter Radiated Emission:** 

Model Number: H35UCT9PW8AN S/N: 022TYP0004 SR:26977-EMC-00110

Battery Part No: PMNN4817A Accy Part No: AN000411A01

Test Mode: TX LTE (Band 13) Z-Plane

782.000000 MHz (Mid) Bandwidth 10MHz 0.252 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)
1564.0000	-13.0000	-59.8907 **	-60.8334 **
2346.0000	-13.0000	-56.0962 **	-54.8347 **
3128.0000	-13.0000	-52.0403 **	-52.0439 **
3910.0000	-13.0000	-50.7830 **	-49.3428 **
4692.0000	-13.0000	-49.0902 **	-49.8596 **
5474.0000	-13.0000	-47.9752 **	-47.2086 **
6256.0000	-13.0000	-44.8317 **	-46.4426 **
7038.0000	-13.0000	-44.6881 **	-43.6195 **
7820.0000	-13.0000	-43.3259 **	-41.4063 **

#### **RADIATED SPURIOUS EMISSIONS** 0 ☐ Horizontal Measured -10 **Emission Equiv Pwr Into** Ideal Dipole (dBm) Vertical Measured -20 Emission Level (dBm) -30 **Emission Equiv Pwr Into** -40 Ideal Dipole (dBm) Failing Limit -50 -60 -70 -80 -90 -100 1564 2346 3128 Frequency (MHz) 6256 7038 7820

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: Qawiman&Nazrin

Tue, 16 Aug, 2022

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

System MU: 4.03 dB Temp(Deg): 23.5 Hum(%RH): 69.9

Remarks: Pas	sed Results Margi	inal Results	Failed Results
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**SAC Transmitter Radiated Emission:** 

Model Number: H35UCT9PW8AN S/N: 022TYP0004 SR:26977-EMC-00110

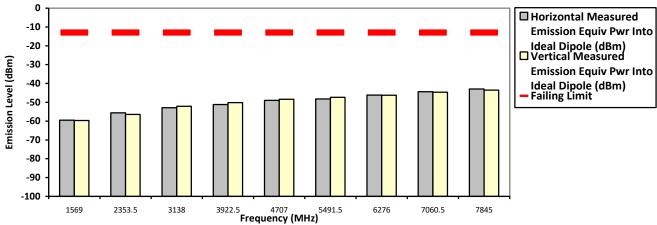
Battery Part No: PMNN4817A Accy Part No: AN000411A01

Test Mode: TX LTE (Band 13) Z-Plane

784.500000 MHz (High) Bandwidth 5MHz 0.252 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)
1569.0000	-13.0000	-59.4775 **	-59.6611 **
2353.5000	-13.0000	-55.5892 **	-56.4412 **
3138.0000	-13.0000	-52.9055 **	-52.0883 **
3922.5000	-13.0000	-51.1701 **	-50.1815 **
4707.0000	-13.0000	-49.0061 **	-48.3577 **
5491.5000	-13.0000	-48.2542 **	-47.3378 **
6276.0000	-13.0000	-46.1554 **	-46.3032 **
7060.5000	-13.0000	-44.3688 **	-44.6693 **
7845.0000	-13.0000	-42.9453 **	-43.5678 **

# 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: Qawiman&Nazrin

Tue, 16 Aug, 2022

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

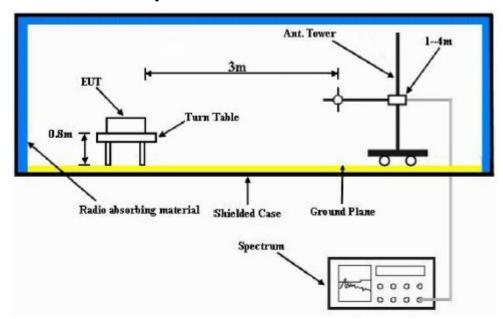
\*Pursuant to CFR 47 Part 2.1057 ( c ), emissions attenuated more than 20 dB below the permissible limit are not reported

System MU: 4.03 dB Temp(Deg): 23.5 Hum(%RH): 69.9

Remarks: Passed Results	Marginal Results	Failed Results
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# 1.13. Effective Radiated Power (ERP)

# **1.13.1. Test Setup**



- 1) The spectrum setting for scanning Radiated Emission below 1 GHz is RBW = 100 kHz, VBW = 300 kHz and above 1 GHz is RBW = 1MHz, VBW = 3MHz. Detector mode is RMS.
- 2) In the semi-anechoic chamber, setup as illustrated above the EUT placed on the Turn Table at 0.8m height for below 1Ghz measurement and at 1.5m height for above 1GHz measurement, 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 EUT 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) EIRP = "Read Value" + Measured substitution value.

## **1.13.2. Test Limit**

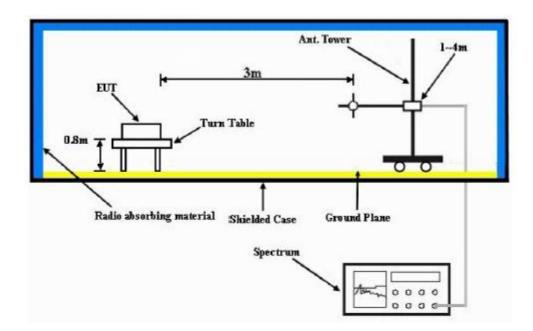
FCC: Portable stations (hand-held devices) transmitting in the 776-788 MHz band is limited to 3 watts ERP. ISED: The e.i.r.p. shall not exceed 50 watts for mobile equipment or for outdoor fixed subscriber equipment, nor shall it exceed 5 watts for portable equipment or for indoor fixed subscriber equipment.

# 1.13.3. Effective Radiated Power (ERP) - LTE Band 13 (777-787MHz)

Not Performed.

# 1.14. GNSS (EIRP for 1559 - 1610MHz)

# **1.14.1. Test Setup**



- 1) 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.
- 2) 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.
- 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) EIRP = "Read Value" + Measured substitution value + 2.15.

## **1.14.2. Test Limit**

FCC: For operations in the 746-758 MHz, 775-788 MHz, and 805-806 MHz bands, emissions 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. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

ISED: The e.i.r.p. in the band 1559-1610 MHz shall not exceed -70 dBW/MHz for wideband signal and -80 dBW for discrete emission with bandwidth less than 700 Hz.

# 1.14.3. GNSS (EIRP for 1599 – 1610MHz) - LTE Band 13 (777-787MHz)

EiRP in RNSS band (1.559GHz)

S/N: 022TYP0004 Tx Power: 0.252 Watts Channel BW: 5 MHz Modulation: QPSK

Accessory: AN000411A01 Battery: PMNN4817A

Frequency Channel: 779.5000 MHz (LTE Band 13)

Antenna Polarization	2Fc (MHz)	EIRP (dBm)	Limit (dBm)
Horizontal	1559.0000	-57.07	-40
Vertical	1559.0000	-53.93	-40

EiRP in RNSS band (1.559GHz)

S/N: 022TYP0004 Tx Power: 0.252 Watts Channel BW: 5 MHz Modulation: QPSK

Accessory: AN000411A01 Battery: PMNN4817A

Frequency Channel: 784.5000 MHz (LTE Band 13)

11.1.19			
Antenna Polarization	2Fc (MHz)	EIRP (dBm)	Limit (dBm)
Horizontal	1569.0000	-54.38	-40
Vertical	1569.0000	-54.58	-40