



































































MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : RSS-123 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 470MHz, 10mW (10dBm)
 UNIT : A
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GXA1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 940.3 | H | 20.0 | * | -53.8 | 0.0 | 2.0 | -55.8 | 65.8 | 23.0 | 35.0 |
| 940.3 | V | 20.0 | * | -51.7 | 0.0 | 2.0 | -53.7 | 63.7 | 23.0 | 35.0 |
| 1410.4 | H | 32.4 | | -85.7 | 4.5 | 2.4 | -83.6 | 93.6 | 23.0 | 35.0 |
| 1410.4 | V | 33.1 | | -84.8 | 4.5 | 2.4 | -82.7 | 92.7 | 23.0 | 35.0 |
| 1880.5 | H | 32.9 | | -81.9 | 5.0 | 2.7 | -79.6 | 89.6 | 23.0 | 35.0 |
| 1880.5 | V | 31.8 | | -82.2 | 5.0 | 2.7 | -79.9 | 89.9 | 23.0 | 35.0 |
| 2350.6 | H | 31.0 | | -82.1 | 5.7 | 3.2 | -79.5 | 89.5 | 23.0 | 35.0 |
| 2350.6 | V | 31.5 | | -79.6 | 5.7 | 3.2 | -77.1 | 87.1 | 23.0 | 35.0 |
| 2820.8 | H | 29.3 | | -82.3 | 6.0 | 3.6 | -79.8 | 89.8 | 23.0 | 35.0 |
| 2820.8 | V | 30.5 | | -78.7 | 6.0 | 3.6 | -76.2 | 86.2 | 23.0 | 35.0 |
| 3290.9 | H | 31.2 | | -78.8 | 6.5 | 3.9 | -76.2 | 86.2 | 23.0 | 35.0 |
| 3290.9 | V | 31.3 | | -76.9 | 6.5 | 3.9 | -74.3 | 84.3 | 23.0 | 35.0 |
| 3761.0 | H | 31.2 | | -75.6 | 6.9 | 4.2 | -72.9 | 82.9 | 23.0 | 35.0 |
| 3761.0 | V | 32.2 | | -73.6 | 6.9 | 4.2 | -70.9 | 80.9 | 23.0 | 35.0 |
| 4231.1 | H | 29.5 | | -75.4 | 7.6 | 4.4 | -72.3 | 82.3 | 23.0 | 35.0 |
| 4231.1 | V | 29.9 | | -75.0 | 7.6 | 4.4 | -71.8 | 81.8 | 23.0 | 35.0 |
| 4701.3 | H | 30.3 | | -73.9 | 8.2 | 4.7 | -70.4 | 80.4 | 23.0 | 35.0 |
| 4701.3 | V | 29.8 | | -74.8 | 8.2 | 4.7 | -71.3 | 81.3 | 23.0 | 35.0 |

* - Ambient



ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Factor (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : RSS-123 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 470MHz, 100mW (20dBm)
 UNIT : A
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GXA1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 940.3 | H | 19.6 | | -54.2 | 0.0 | 2.0 | -56.2 | 76.2 | 33.0 | 45.0 |
| 940.3 | V | 19.7 | | -52.0 | 0.0 | 2.0 | -54.0 | 74.0 | 33.0 | 45.0 |
| 1410.4 | H | 33.2 | | -84.9 | 4.5 | 2.4 | -82.8 | 102.8 | 33.0 | 45.0 |
| 1410.4 | V | 34.0 | | -83.9 | 4.5 | 2.4 | -81.8 | 101.8 | 33.0 | 45.0 |
| 1880.5 | H | 31.2 | | -83.6 | 5.0 | 2.7 | -81.3 | 101.3 | 33.0 | 45.0 |
| 1880.5 | V | 32.1 | | -81.9 | 5.0 | 2.7 | -79.6 | 99.6 | 33.0 | 45.0 |
| 2350.6 | H | 34.3 | | -78.8 | 5.7 | 3.2 | -76.2 | 96.2 | 33.0 | 45.0 |
| 2350.6 | V | 33.8 | | -77.3 | 5.7 | 3.2 | -74.8 | 94.8 | 33.0 | 45.0 |
| 2820.8 | H | 32.2 | | -79.4 | 6.0 | 3.6 | -76.9 | 96.9 | 33.0 | 45.0 |
| 2820.8 | V | 31.8 | | -77.4 | 6.0 | 3.6 | -74.9 | 94.9 | 33.0 | 45.0 |
| 3290.9 | H | 30.8 | | -79.2 | 6.5 | 3.9 | -76.6 | 96.6 | 33.0 | 45.0 |
| 3290.9 | V | 31.3 | | -76.9 | 6.5 | 3.9 | -74.3 | 94.3 | 33.0 | 45.0 |
| 3761.0 | H | 30.9 | | -75.9 | 6.9 | 4.2 | -73.2 | 93.2 | 33.0 | 45.0 |
| 3761.0 | V | 31.2 | | -74.6 | 6.9 | 4.2 | -71.9 | 91.9 | 33.0 | 45.0 |
| 4231.1 | H | 32.0 | | -72.9 | 7.6 | 4.4 | -69.8 | 89.8 | 33.0 | 45.0 |
| 4231.1 | V | 31.0 | | -73.9 | 7.6 | 4.4 | -70.7 | 90.7 | 33.0 | 45.0 |
| 4701.3 | H | 30.8 | | -73.4 | 8.2 | 4.7 | -69.9 | 89.9 | 33.0 | 45.0 |
| 4701.3 | V | 31.3 | | -73.3 | 8.2 | 4.7 | -69.8 | 89.8 | 33.0 | 45.0 |

* - Ambient



ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : RSS-123 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 506MHz, 10mW (10dBm)
 UNIT : A
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GX1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1012.0 | H | 32.1 | | -84.2 | 2.6 | 2.0 | -83.5 | 93.5 | 23.0 | 35.0 |
| 1012.0 | V | 32.5 | | -84.6 | 2.6 | 2.0 | -84.0 | 94.0 | 23.0 | 35.0 |
| 1518.0 | H | 32.0 | | -86.0 | 4.9 | 2.5 | -83.6 | 93.6 | 23.0 | 35.0 |
| 1518.0 | V | 32.3 | | -85.7 | 4.9 | 2.5 | -83.3 | 93.3 | 23.0 | 35.0 |
| 2024.0 | H | 31.5 | | -82.5 | 5.1 | 2.8 | -80.2 | 90.2 | 23.0 | 35.0 |
| 2024.0 | V | 30.6 | | -82.4 | 5.1 | 2.8 | -80.1 | 90.1 | 23.0 | 35.0 |
| 2530.0 | H | 29.9 | | -82.7 | 5.9 | 3.3 | -80.1 | 90.1 | 23.0 | 35.0 |
| 2530.0 | V | 30.8 | | -79.4 | 5.9 | 3.3 | -76.8 | 86.8 | 23.0 | 35.0 |
| 3036.0 | H | 29.8 | | -81.1 | 6.1 | 3.7 | -78.7 | 88.7 | 23.0 | 35.0 |
| 3036.0 | V | 29.6 | | -78.9 | 6.1 | 3.7 | -76.6 | 86.6 | 23.0 | 35.0 |

* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
 Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : RSS-123 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 506MHz, 100mW (20dBm)
 UNIT : A
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GXA1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1012.0 | H | 32.1 | | -84.2 | 2.6 | 2.0 | -83.5 | 103.5 | 33.0 | 45.0 |
| 1012.0 | V | 31.8 | | -85.3 | 2.6 | 2.0 | -84.7 | 104.7 | 33.0 | 45.0 |
| 1518.0 | H | 31.2 | | -86.8 | 4.9 | 2.5 | -84.4 | 104.4 | 33.0 | 45.0 |
| 1518.0 | V | 31.5 | | -86.5 | 4.9 | 2.5 | -84.1 | 104.1 | 33.0 | 45.0 |
| 2024.0 | H | 30.8 | | -83.2 | 5.1 | 2.8 | -80.9 | 100.9 | 33.0 | 45.0 |
| 2024.0 | V | 30.5 | | -82.5 | 5.1 | 2.8 | -80.2 | 100.2 | 33.0 | 45.0 |
| 2530.0 | H | 30.1 | | -82.5 | 5.9 | 3.3 | -79.9 | 99.9 | 33.0 | 45.0 |
| 2530.0 | V | 29.8 | | -80.4 | 5.9 | 3.3 | -77.8 | 97.8 | 33.0 | 45.0 |
| 3036.0 | H | 29.8 | | -81.1 | 6.1 | 3.7 | -78.7 | 98.7 | 33.0 | 45.0 |
| 3036.0 | V | 29.6 | | -78.9 | 6.1 | 3.7 | -76.6 | 96.6 | 33.0 | 45.0 |

* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
 Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : RSS-123 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 542MHz, 10mW (10dBm)
 UNIT : A
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GX1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1083.8 | H | 33.2 | | -83.7 | 3.0 | 2.1 | -82.7 | 92.7 | 23.0 | 35.0 |
| 1083.8 | V | 31.3 | | -85.8 | 3.0 | 2.1 | -84.9 | 94.9 | 23.0 | 35.0 |
| 1625.6 | H | 33.6 | | -83.4 | 4.9 | 2.6 | -81.0 | 91.0 | 23.0 | 35.0 |
| 1625.6 | V | 32.9 | | -83.7 | 4.9 | 2.6 | -81.4 | 91.4 | 23.0 | 35.0 |
| 2167.5 | H | 31.5 | | -82.1 | 5.4 | 3.0 | -79.7 | 89.7 | 23.0 | 35.0 |
| 2167.5 | V | 32.7 | | -79.4 | 5.4 | 3.0 | -77.0 | 87.0 | 23.0 | 35.0 |
| 2709.4 | H | 31.8 | | -80.1 | 6.0 | 3.5 | -77.7 | 87.7 | 23.0 | 35.0 |
| 2709.4 | V | 32.1 | | -77.4 | 6.0 | 3.5 | -75.0 | 85.0 | 23.0 | 35.0 |
| 3251.3 | H | 30.2 | | -80.0 | 6.4 | 3.9 | -77.4 | 87.4 | 23.0 | 35.0 |
| 3251.3 | V | 31.1 | | -77.1 | 6.4 | 3.9 | -74.6 | 84.6 | 23.0 | 35.0 |
| 3793.1 | H | 30.8 | | -75.7 | 6.9 | 4.2 | -73.0 | 83.0 | 23.0 | 35.0 |
| 3793.1 | V | 31.1 | | -74.4 | 6.9 | 4.2 | -71.8 | 81.8 | 23.0 | 35.0 |
| 4335.0 | H | 30.2 | | -74.9 | 7.9 | 4.5 | -71.5 | 81.5 | 23.0 | 35.0 |
| 4335.0 | V | 30.8 | | -74.5 | 7.9 | 4.5 | -71.1 | 81.1 | 23.0 | 35.0 |
| 4876.9 | H | 31.4 | | -71.9 | 8.0 | 4.7 | -68.6 | 78.6 | 23.0 | 35.0 |
| 4876.9 | V | 30.9 | | -72.6 | 8.0 | 4.7 | -69.3 | 79.3 | 23.0 | 35.0 |
| 5418.8 | H | 29.9 | | -72.2 | 7.2 | 5.0 | -70.0 | 80.0 | 23.0 | 35.0 |
| 5418.8 | V | 29.1 | | -73.3 | 7.2 | 5.0 | -71.0 | 81.0 | 23.0 | 35.0 |



* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : RSS-123 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 542MHz, 100mW (20dBm)
 UNIT : A
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GX1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1083.8 | H | 33.2 | | -83.7 | 3.0 | 2.1 | -82.7 | 102.7 | 33.0 | 45.0 |
| 1083.8 | V | 37.6 | | -79.5 | 3.0 | 2.1 | -78.6 | 98.6 | 33.0 | 45.0 |
| 1625.6 | H | 32.8 | | -84.2 | 4.9 | 2.6 | -81.8 | 101.8 | 33.0 | 45.0 |
| 1625.6 | V | 32.5 | | -84.1 | 4.9 | 2.6 | -81.8 | 101.8 | 33.0 | 45.0 |
| 2167.5 | H | 33.1 | | -80.5 | 5.4 | 3.0 | -78.1 | 98.1 | 33.0 | 45.0 |
| 2167.5 | V | 32.5 | | -79.6 | 5.4 | 3.0 | -77.2 | 97.2 | 33.0 | 45.0 |
| 2709.4 | H | 30.6 | | -81.3 | 6.0 | 3.5 | -78.9 | 98.9 | 33.0 | 45.0 |
| 2709.4 | V | 30.2 | | -79.3 | 6.0 | 3.5 | -76.9 | 96.9 | 33.0 | 45.0 |
| 3251.3 | H | 29.5 | | -80.7 | 6.4 | 3.9 | -78.1 | 98.1 | 33.0 | 45.0 |
| 3251.3 | V | 29.9 | | -78.3 | 6.4 | 3.9 | -75.8 | 95.8 | 33.0 | 45.0 |
| 3793.1 | H | 30.7 | | -75.8 | 6.9 | 4.2 | -73.1 | 93.1 | 33.0 | 45.0 |
| 3793.1 | V | 31.1 | | -74.4 | 6.9 | 4.2 | -71.8 | 91.8 | 33.0 | 45.0 |
| 4335.0 | H | 29.8 | | -75.3 | 7.9 | 4.5 | -71.9 | 91.9 | 33.0 | 45.0 |
| 4335.0 | V | 30.2 | | -75.1 | 7.9 | 4.5 | -71.7 | 91.7 | 33.0 | 45.0 |
| 4876.9 | H | 30.2 | | -73.1 | 8.0 | 4.7 | -69.8 | 89.8 | 33.0 | 45.0 |
| 4876.9 | V | 29.8 | | -73.7 | 8.0 | 4.7 | -70.4 | 90.4 | 33.0 | 45.0 |
| 5418.8 | H | 30.3 | | -71.8 | 7.2 | 5.0 | -69.6 | 89.6 | 33.0 | 45.0 |
| 5418.8 | V | 30.8 | | -71.6 | 7.2 | 5.0 | -69.3 | 89.3 | 33.0 | 45.0 |



* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : FCC-74 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 506MHz, 10mW (10dBm)
 UNIT : A
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GX1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1012.0 | H | 47.2 | | -69.1 | 2.6 | 2.0 | -68.4 | 78.4 | 23.0 | 35.0 |
| 1012.0 | V | 46.9 | | -70.2 | 2.6 | 2.0 | -69.6 | 79.6 | 23.0 | 35.0 |
| 1518.0 | H | 45.2 | | -72.8 | 4.9 | 2.5 | -70.4 | 80.4 | 23.0 | 35.0 |
| 1518.0 | V | 46.3 | | -71.7 | 4.9 | 2.5 | -69.3 | 79.3 | 23.0 | 35.0 |
| 2024.0 | H | 45.4 | | -68.6 | 5.1 | 2.8 | -66.3 | 76.3 | 23.0 | 35.0 |
| 2024.0 | V | 45.9 | | -67.1 | 5.1 | 2.8 | -64.8 | 74.8 | 23.0 | 35.0 |
| 2530.0 | H | 47.1 | | -65.5 | 5.9 | 3.3 | -62.9 | 72.9 | 23.0 | 35.0 |
| 2530.0 | V | 46.8 | | -63.4 | 5.9 | 3.3 | -60.8 | 70.8 | 23.0 | 35.0 |
| 3036.0 | H | 46.3 | | -64.6 | 6.1 | 3.7 | -62.2 | 72.2 | 23.0 | 35.0 |
| 3036.0 | V | 45.1 | | -63.4 | 6.1 | 3.7 | -61.1 | 71.1 | 23.0 | 35.0 |
| 3542.0 | H | 45.8 | | -63.2 | 6.8 | 4.0 | -60.4 | 70.4 | 23.0 | 35.0 |
| 3542.0 | V | 46.2 | | -61.4 | 6.8 | 4.0 | -58.6 | 68.6 | 23.0 | 35.0 |
| 4048.0 | H | 44.9 | | -59.7 | 7.0 | 4.3 | -57.0 | 67.0 | 23.0 | 35.0 |
| 4048.0 | V | 45.7 | | -58.5 | 7.0 | 4.3 | -55.8 | 65.8 | 23.0 | 35.0 |
| 4554.0 | H | 48.5 | | -56.5 | 8.3 | 4.6 | -52.9 | 62.9 | 23.0 | 35.0 |
| 4554.0 | V | 46.9 | | -58.6 | 8.3 | 4.6 | -54.9 | 64.9 | 23.0 | 35.0 |
| 5060.0 | H | 42.2 | | -60.4 | 7.8 | 4.8 | -57.4 | 67.4 | 23.0 | 35.0 |
| 5060.0 | V | 45.6 | | -57.1 | 7.8 | 4.8 | -54.1 | 64.1 | 23.0 | 35.0 |



* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : FCC-74 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 506MHz, 100mW (20dBm)
 UNIT : A
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GX1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1012.0 | H | 49.2 | | -67.1 | 2.6 | 2.0 | -66.4 | 86.4 | 33.0 | 45.0 |
| 1012.0 | V | 48.1 | | -69.0 | 2.6 | 2.0 | -68.4 | 88.4 | 33.0 | 45.0 |
| 1518.0 | H | 48.5 | | -69.5 | 4.9 | 2.5 | -67.1 | 87.1 | 33.0 | 45.0 |
| 1518.0 | V | 49.1 | | -68.9 | 4.9 | 2.5 | -66.5 | 86.5 | 33.0 | 45.0 |
| 2024.0 | H | 47.1 | | -66.9 | 5.1 | 2.8 | -64.6 | 84.6 | 33.0 | 45.0 |
| 2024.0 | V | 46.2 | | -66.8 | 5.1 | 2.8 | -64.5 | 84.5 | 33.0 | 45.0 |
| 2530.0 | H | 48.7 | | -63.9 | 5.9 | 3.3 | -61.3 | 81.3 | 33.0 | 45.0 |
| 2530.0 | V | 45.7 | | -64.5 | 5.9 | 3.3 | -61.9 | 81.9 | 33.0 | 45.0 |
| 3036.0 | H | 46.7 | | -64.2 | 6.1 | 3.7 | -61.8 | 81.8 | 33.0 | 45.0 |
| 3036.0 | V | 47.2 | | -61.3 | 6.1 | 3.7 | -59.0 | 79.0 | 33.0 | 45.0 |
| 3542.0 | H | 47.0 | | -62.0 | 6.8 | 4.0 | -59.2 | 79.2 | 33.0 | 45.0 |
| 3542.0 | V | 47.3 | | -60.3 | 6.8 | 4.0 | -57.5 | 77.5 | 33.0 | 45.0 |
| 4048.0 | H | 44.9 | | -59.7 | 7.0 | 4.3 | -57.0 | 77.0 | 33.0 | 45.0 |
| 4048.0 | V | 45.3 | | -58.9 | 7.0 | 4.3 | -56.2 | 76.2 | 33.0 | 45.0 |
| 4554.0 | H | 44.6 | | -60.4 | 8.3 | 4.6 | -56.8 | 76.8 | 33.0 | 45.0 |
| 4554.0 | V | 44.9 | | -60.6 | 8.3 | 4.6 | -56.9 | 76.9 | 33.0 | 45.0 |
| 5060.0 | H | 45.0 | | -57.6 | 7.8 | 4.8 | -54.6 | 74.6 | 33.0 | 45.0 |
| 5060.0 | V | 46.1 | | -56.6 | 7.8 | 4.8 | -53.6 | 73.6 | 33.0 | 45.0 |



* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : RSS-123 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 554MHz, 10mW (10dBm)
 UNIT : B
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GX1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1108.3 | H | 33.5 | | -83.6 | 3.1 | 2.1 | -82.5 | 92.5 | 23.0 | 35.0 |
| 1108.3 | V | 37.8 | | -79.3 | 3.1 | 2.1 | -78.3 | 88.3 | 23.0 | 35.0 |
| 1662.4 | H | 33.5 | | -83.1 | 5.0 | 2.6 | -80.7 | 90.7 | 23.0 | 35.0 |
| 1662.4 | V | 33.1 | | -83.1 | 5.0 | 2.6 | -80.7 | 90.7 | 23.0 | 35.0 |
| 2216.5 | H | 29.7 | | -83.7 | 5.5 | 3.0 | -81.3 | 91.3 | 23.0 | 35.0 |
| 2216.5 | V | 29.6 | | -82.2 | 5.5 | 3.0 | -79.8 | 89.8 | 23.0 | 35.0 |
| 2770.6 | H | 29.8 | | -81.9 | 6.0 | 3.5 | -79.5 | 89.5 | 23.0 | 35.0 |
| 2770.6 | V | 28.9 | | -80.4 | 6.0 | 3.5 | -78.0 | 88.0 | 23.0 | 35.0 |
| 3324.8 | H | 28.7 | | -81.2 | 6.6 | 3.9 | -78.6 | 88.6 | 23.0 | 35.0 |
| 3324.8 | V | 29.1 | | -79.0 | 6.6 | 3.9 | -76.4 | 86.4 | 23.0 | 35.0 |

* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
 Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : 2
 SPECIFICATION : RSS-123 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 554MHz, 100mW (20dBm)
 UNIT : B
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GX1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1108.3 | H | 48.9 | | -68.2 | 3.1 | 2.1 | -67.1 | 87.1 | 33.0 | 45.0 |
| 1108.3 | V | 52.1 | | -65.0 | 3.1 | 2.1 | -64.0 | 84.0 | 33.0 | 45.0 |
| 1662.4 | H | 50.2 | | -66.4 | 5.0 | 2.6 | -64.0 | 84.0 | 33.0 | 45.0 |
| 1662.4 | V | 60.7 | | -55.5 | 5.0 | 2.6 | -53.1 | 73.1 | 33.0 | 45.0 |
| 2216.5 | H | 30.8 | | -82.6 | 5.5 | 3.0 | -80.2 | 100.2 | 33.0 | 45.0 |
| 2216.5 | V | 30.6 | | -81.2 | 5.5 | 3.0 | -78.8 | 98.8 | 33.0 | 45.0 |
| 2770.6 | H | 37.5 | | -74.2 | 6.0 | 3.5 | -71.8 | 91.8 | 33.0 | 45.0 |
| 2770.6 | V | 41.9 | | -67.4 | 6.0 | 3.5 | -65.0 | 85.0 | 33.0 | 45.0 |
| 3324.8 | H | 29.9 | | -80.0 | 6.6 | 3.9 | -77.4 | 97.4 | 33.0 | 45.0 |
| 3324.8 | V | 30.2 | | -77.9 | 6.6 | 3.9 | -75.3 | 95.3 | 33.0 | 45.0 |

* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
 Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : 2
 SPECIFICATION : RSS-123 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 590MHz, 10mW (10dBm)
 UNIT : B
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GXA1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1180.0 | H | 21.0 | | -96.6 | 3.5 | 2.2 | -95.3 | 105.3 | 23.0 | 35.0 |
| 1180.0 | V | 21.3 | | -95.8 | 3.5 | 2.2 | -94.4 | 104.4 | 23.0 | 35.0 |
| 1770.0 | H | 22.1 | | -93.5 | 5.0 | 2.7 | -91.2 | 101.2 | 23.0 | 35.0 |
| 1770.0 | V | 21.9 | | -93.1 | 5.0 | 2.7 | -90.7 | 100.7 | 23.0 | 35.0 |
| 2360.0 | H | 22.6 | | -90.5 | 5.7 | 3.2 | -87.9 | 97.9 | 23.0 | 35.0 |
| 2360.0 | V | 21.9 | | -89.1 | 5.7 | 3.2 | -86.6 | 96.6 | 23.0 | 35.0 |
| 2950.0 | H | 20.8 | | -90.3 | 6.0 | 3.6 | -88.0 | 98.0 | 23.0 | 35.0 |
| 2950.0 | V | 21.5 | | -87.2 | 6.0 | 3.6 | -84.9 | 94.9 | 23.0 | 35.0 |
| 3540.0 | H | 22.0 | | -87.0 | 6.8 | 4.0 | -84.2 | 94.2 | 23.0 | 35.0 |
| 3540.0 | V | 21.7 | | -85.9 | 6.8 | 4.0 | -83.1 | 93.1 | 23.0 | 35.0 |

* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
 Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : 2
 SPECIFICATION : RSS-123 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 590MHz, 100mW (20dBm)
 UNIT : B
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GXA1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1180.0 | H | 45.7 | | -71.9 | 3.5 | 2.2 | -70.6 | 90.6 | 33.0 | 45.0 |
| 1180.0 | V | 54.0 | | -63.1 | 3.5 | 2.2 | -61.7 | 81.7 | 33.0 | 45.0 |
| 1770.0 | H | 43.1 | | -72.5 | 5.0 | 2.7 | -70.2 | 90.2 | 33.0 | 45.0 |
| 1770.0 | V | 53.0 | | -62.0 | 5.0 | 2.7 | -59.6 | 79.6 | 33.0 | 45.0 |
| 2360.0 | H | 31.2 | | -81.9 | 5.7 | 3.2 | -79.3 | 99.3 | 33.0 | 45.0 |
| 2360.0 | V | 30.8 | | -80.2 | 5.7 | 3.2 | -77.7 | 97.7 | 33.0 | 45.0 |
| 2950.0 | H | 30.5 | | -80.6 | 6.0 | 3.6 | -78.3 | 98.3 | 33.0 | 45.0 |
| 2950.0 | V | 30.1 | | -78.6 | 6.0 | 3.6 | -76.3 | 96.3 | 33.0 | 45.0 |
| 3540.0 | H | 30.1 | | -78.9 | 6.8 | 4.0 | -76.1 | 96.1 | 33.0 | 45.0 |
| 3540.0 | V | 29.8 | | -77.8 | 6.8 | 4.0 | -75.0 | 95.0 | 33.0 | 45.0 |

* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
 Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : RSS-123 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 626MHz, 10mW (10dBm)
 UNIT : B
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GXA1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1251.8 | H | 31.0 | | -86.8 | 3.8 | 2.3 | -85.3 | 95.3 | 23.0 | 35.0 |
| 1251.8 | V | 31.2 | | -86.1 | 3.8 | 2.3 | -84.5 | 94.5 | 23.0 | 35.0 |
| 1877.6 | H | 31.2 | | -83.6 | 5.0 | 2.7 | -81.3 | 91.3 | 23.0 | 35.0 |
| 1877.6 | V | 30.8 | | -83.3 | 5.0 | 2.7 | -80.9 | 90.9 | 23.0 | 35.0 |
| 2503.5 | H | 30.5 | | -82.2 | 5.9 | 3.3 | -79.6 | 89.6 | 23.0 | 35.0 |
| 2503.5 | V | 31.0 | | -79.3 | 5.9 | 3.3 | -76.7 | 86.7 | 23.0 | 35.0 |
| 3129.4 | H | 29.4 | | -81.1 | 6.2 | 3.8 | -78.7 | 88.7 | 23.0 | 35.0 |
| 3129.4 | V | 28.9 | | -79.5 | 6.2 | 3.8 | -77.0 | 87.0 | 23.0 | 35.0 |
| 3755.3 | H | 27.8 | | -79.1 | 6.9 | 4.2 | -76.4 | 86.4 | 23.0 | 35.0 |
| 3755.3 | V | 28.6 | | -77.2 | 6.9 | 4.2 | -74.5 | 84.5 | 23.0 | 35.0 |

* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
 Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : RSS-123 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 626MHz, 100mW (20dBm)
 UNIT : B
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GXA1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1251.8 | H | 31.2 | | -86.6 | 3.8 | 2.3 | -85.1 | 105.1 | 33.0 | 45.0 |
| 1251.8 | V | 41.1 | | -76.2 | 3.8 | 2.3 | -74.6 | 94.6 | 33.0 | 45.0 |
| 1877.6 | H | 29.8 | | -85.0 | 5.0 | 2.7 | -82.7 | 102.7 | 33.0 | 45.0 |
| 1877.6 | V | 29.7 | | -84.4 | 5.0 | 2.7 | -82.0 | 102.0 | 33.0 | 45.0 |
| 2503.5 | H | 29.4 | | -83.3 | 5.9 | 3.3 | -80.7 | 100.7 | 33.0 | 45.0 |
| 2503.5 | V | 29.8 | | -80.5 | 5.9 | 3.3 | -77.9 | 97.9 | 33.0 | 45.0 |
| 3129.4 | H | 31.0 | | -79.5 | 6.2 | 3.8 | -77.1 | 97.1 | 33.0 | 45.0 |
| 3129.4 | V | 31.1 | | -77.3 | 6.2 | 3.8 | -74.8 | 94.8 | 33.0 | 45.0 |
| 3755.3 | H | 31.1 | | -75.8 | 6.9 | 4.2 | -73.1 | 93.1 | 33.0 | 45.0 |
| 3755.3 | V | 30.9 | | -74.9 | 6.9 | 4.2 | -72.2 | 92.2 | 33.0 | 45.0 |

* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
 Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : FCC-74 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 590MHz, 10mW (10dBm)
 UNIT : B
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GXA1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1180.0 | H | 48.9 | | -68.7 | 3.5 | 2.2 | -67.4 | 77.4 | 23.0 | 35.0 |
| 1180.0 | V | 48.2 | | -68.9 | 3.5 | 2.2 | -67.5 | 77.5 | 23.0 | 35.0 |
| 1770.0 | H | 46.2 | | -69.4 | 5.0 | 2.7 | -67.1 | 77.1 | 23.0 | 35.0 |
| 1770.0 | V | 45.2 | | -69.8 | 5.0 | 2.7 | -67.4 | 77.4 | 23.0 | 35.0 |
| 2360.0 | H | 46.0 | | -67.1 | 5.7 | 3.2 | -64.5 | 74.5 | 23.0 | 35.0 |
| 2360.0 | V | 45.8 | | -65.2 | 5.7 | 3.2 | -62.7 | 72.7 | 23.0 | 35.0 |
| 2950.0 | H | 44.9 | | -66.2 | 6.0 | 3.6 | -63.9 | 73.9 | 23.0 | 35.0 |
| 2950.0 | V | 45.5 | | -63.2 | 6.0 | 3.6 | -60.9 | 70.9 | 23.0 | 35.0 |
| 3540.0 | H | 45.3 | | -63.7 | 6.8 | 4.0 | -60.9 | 70.9 | 23.0 | 35.0 |
| 3540.0 | V | 45.1 | | -62.5 | 6.8 | 4.0 | -59.7 | 69.7 | 23.0 | 35.0 |
| 4130.0 | H | 44.8 | | -60.0 | 7.3 | 4.4 | -57.1 | 67.1 | 23.0 | 35.0 |
| 4130.0 | V | 45.0 | | -59.5 | 7.3 | 4.4 | -56.6 | 66.6 | 23.0 | 35.0 |
| 4720.0 | H | 44.1 | | -60.0 | 8.1 | 4.7 | -56.6 | 66.6 | 23.0 | 35.0 |
| 4720.0 | V | 43.8 | | -60.7 | 8.1 | 4.7 | -57.2 | 67.2 | 23.0 | 35.0 |
| 5310.0 | H | 43.9 | | -58.3 | 7.4 | 4.9 | -55.9 | 65.9 | 23.0 | 35.0 |
| 5310.0 | V | 44.2 | | -58.3 | 7.4 | 4.9 | -55.8 | 65.8 | 23.0 | 35.0 |
| 5900.0 | H | 44.0 | | -57.7 | 7.9 | 5.2 | -55.0 | 65.0 | 23.0 | 35.0 |
| 5900.0 | V | 43.4 | | -58.6 | 7.9 | 5.2 | -55.9 | 65.9 | 23.0 | 35.0 |



* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : FCC-74 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 590MHz, 100mW (20dBm)
 UNIT : B
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GXA1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1180.0 | H | 48.6 | | -69.0 | 3.5 | 2.2 | -67.7 | 87.7 | 33.0 | 45.0 |
| 1180.0 | V | 49.0 | | -68.1 | 3.5 | 2.2 | -66.7 | 86.7 | 33.0 | 45.0 |
| 1770.0 | H | 48.7 | | -66.9 | 5.0 | 2.7 | -64.6 | 84.6 | 33.0 | 45.0 |
| 1770.0 | V | 48.9 | | -66.1 | 5.0 | 2.7 | -63.7 | 83.7 | 33.0 | 45.0 |
| 2360.0 | H | 46.9 | | -66.2 | 5.7 | 3.2 | -63.6 | 83.6 | 33.0 | 45.0 |
| 2360.0 | V | 47.2 | | -63.8 | 5.7 | 3.2 | -61.3 | 81.3 | 33.0 | 45.0 |
| 2950.0 | H | 48.8 | | -62.3 | 6.0 | 3.6 | -60.0 | 80.0 | 33.0 | 45.0 |
| 2950.0 | V | 50.1 | | -58.6 | 6.0 | 3.6 | -56.3 | 76.3 | 33.0 | 45.0 |
| 3540.0 | H | 45.8 | | -63.2 | 6.8 | 4.0 | -60.4 | 80.4 | 33.0 | 45.0 |
| 3540.0 | V | 45.6 | | -62.0 | 6.8 | 4.0 | -59.2 | 79.2 | 33.0 | 45.0 |
| 4130.0 | H | 45.3 | | -59.5 | 7.3 | 4.4 | -56.6 | 76.6 | 33.0 | 45.0 |
| 4130.0 | V | 45.0 | | -59.5 | 7.3 | 4.4 | -56.6 | 76.6 | 33.0 | 45.0 |
| 4720.0 | H | 44.5 | | -59.6 | 8.1 | 4.7 | -56.2 | 76.2 | 33.0 | 45.0 |
| 4720.0 | V | 43.9 | | -60.6 | 8.1 | 4.7 | -57.1 | 77.1 | 33.0 | 45.0 |
| 5310.0 | H | 44.1 | | -58.1 | 7.4 | 4.9 | -55.7 | 75.7 | 33.0 | 45.0 |
| 5310.0 | V | 44.0 | | -58.5 | 7.4 | 4.9 | -56.0 | 76.0 | 33.0 | 45.0 |
| 5900.0 | H | 44.2 | | -57.5 | 7.9 | 5.2 | -54.8 | 74.8 | 33.0 | 45.0 |
| 5900.0 | V | 43.9 | | -58.1 | 7.9 | 5.2 | -55.4 | 75.4 | 33.0 | 45.0 |



* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : RSS-123 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 626MHz, 10mW (10dBm)
 UNIT : D
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GX1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1252.3 | H | 34.1 | | -83.7 | 0.0 | 2.3 | -86.0 | 96.0 | 23.0 | 35.0 |
| 1252.3 | V | 31.5 | | -85.8 | 0.0 | 2.3 | -88.0 | 98.0 | 23.0 | 35.0 |
| 1878.4 | H | 31.1 | | -83.7 | 5.0 | 2.7 | -81.4 | 91.4 | 23.0 | 35.0 |
| 1878.4 | V | 31.6 | | -82.5 | 5.0 | 2.7 | -80.1 | 90.1 | 23.0 | 35.0 |
| 2504.5 | H | 31.2 | | -81.5 | 5.9 | 3.3 | -78.9 | 88.9 | 23.0 | 35.0 |
| 2504.5 | V | 31.3 | | -79.0 | 5.9 | 3.3 | -76.4 | 86.4 | 23.0 | 35.0 |
| 3130.6 | H | 29.5 | | -81.0 | 6.2 | 3.8 | -78.6 | 88.6 | 23.0 | 35.0 |
| 3130.6 | V | 29.6 | | -78.8 | 6.2 | 3.8 | -76.3 | 86.3 | 23.0 | 35.0 |
| 3756.8 | H | 28.9 | | -77.9 | 6.9 | 4.2 | -75.2 | 85.2 | 23.0 | 35.0 |
| 3756.8 | V | 27.2 | | -78.6 | 6.9 | 4.2 | -75.9 | 85.9 | 23.0 | 35.0 |
| 4382.9 | H | 29.0 | | -76.2 | 8.0 | 4.5 | -72.7 | 82.7 | 23.0 | 35.0 |
| 4382.9 | V | 30.0 | | -75.4 | 8.0 | 4.5 | -71.9 | 81.9 | 23.0 | 35.0 |
| 5009.0 | H | 28.3 | | -74.4 | 7.9 | 4.8 | -71.2 | 81.2 | 23.0 | 35.0 |
| 5009.0 | V | 29.0 | | -73.8 | 7.9 | 4.8 | -70.7 | 80.7 | 23.0 | 35.0 |
| 5635.1 | H | 28.8 | | -73.1 | 7.4 | 5.1 | -70.8 | 80.8 | 23.0 | 35.0 |
| 5635.1 | V | 28.9 | | -73.3 | 7.4 | 5.1 | -71.0 | 81.0 | 23.0 | 35.0 |
| 6261.3 | H | 28.5 | | -72.7 | 9.0 | 5.6 | -69.3 | 79.3 | 23.0 | 35.0 |
| 6261.3 | V | 27.8 | | -74.0 | 9.0 | 5.6 | -70.6 | 80.6 | 23.0 | 35.0 |



* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : RSS-123 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 626MHz, 100mW (20dBm)
 UNIT : D
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GX1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1252.3 | H | 34.0 | | -83.8 | 3.8 | 2.3 | -82.3 | 102.3 | 33.0 | 45.0 |
| 1252.3 | V | 37.3 | | -80.0 | 3.8 | 2.3 | -78.4 | 98.4 | 33.0 | 45.0 |
| 1878.4 | H | 32.1 | | -82.7 | 5.0 | 2.7 | -80.4 | 100.4 | 33.0 | 45.0 |
| 1878.4 | V | 33.6 | | -80.5 | 5.0 | 2.7 | -78.1 | 98.1 | 33.0 | 45.0 |
| 2504.5 | H | 31.6 | | -81.1 | 5.9 | 3.3 | -78.5 | 98.5 | 33.0 | 45.0 |
| 2504.5 | V | 30.9 | | -79.4 | 5.9 | 3.3 | -76.8 | 96.8 | 33.0 | 45.0 |
| 3130.6 | H | 28.6 | | -81.9 | 6.2 | 3.8 | -79.5 | 99.5 | 33.0 | 45.0 |
| 3130.6 | V | 29.8 | | -78.6 | 6.2 | 3.8 | -76.1 | 96.1 | 33.0 | 45.0 |
| 3756.8 | H | 30.3 | | -76.5 | 6.9 | 4.2 | -73.8 | 93.8 | 33.0 | 45.0 |
| 3756.8 | V | 30.0 | | -75.8 | 6.9 | 4.2 | -73.1 | 93.1 | 33.0 | 45.0 |
| 4382.9 | H | 30.1 | | -75.1 | 8.0 | 4.5 | -71.6 | 91.6 | 33.0 | 45.0 |
| 4382.9 | V | 29.9 | | -75.5 | 8.0 | 4.5 | -72.0 | 92.0 | 33.0 | 45.0 |
| 5009.0 | H | 28.5 | | -74.2 | 7.9 | 4.8 | -71.0 | 91.0 | 33.0 | 45.0 |
| 5009.0 | V | 28.1 | | -74.7 | 7.9 | 4.8 | -71.6 | 91.6 | 33.0 | 45.0 |
| 5635.1 | H | 29.1 | | -72.8 | 7.4 | 5.1 | -70.5 | 90.5 | 33.0 | 45.0 |
| 5635.1 | V | 29.3 | | -72.9 | 7.4 | 5.1 | -70.6 | 90.6 | 33.0 | 45.0 |
| 6261.3 | H | 28.5 | | -72.7 | 9.0 | 5.6 | -69.3 | 89.3 | 33.0 | 45.0 |
| 6261.3 | V | 28.1 | | -73.7 | 9.0 | 5.6 | -70.3 | 90.3 | 33.0 | 45.0 |



* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : RSS-123 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 662MHz, 10mW (10dBm)
 UNIT : D
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GXA1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1324.0 | H | 31.7 | | -86.3 | 4.2 | 2.3 | -84.4 | 94.4 | 23.0 | 35.0 |
| 1324.0 | V | 35.4 | | -82.2 | 4.2 | 2.3 | -80.3 | 90.3 | 23.0 | 35.0 |
| 1986.0 | H | 29.3 | | -84.8 | 5.1 | 2.8 | -82.6 | 92.6 | 23.0 | 35.0 |
| 1986.0 | V | 30.8 | | -82.5 | 5.1 | 2.8 | -80.2 | 90.2 | 23.0 | 35.0 |
| 2648.0 | H | 30.9 | | -81.3 | 5.9 | 3.4 | -78.7 | 88.7 | 23.0 | 35.0 |
| 2648.0 | V | 37.7 | | -72.1 | 5.9 | 3.4 | -69.5 | 79.5 | 23.0 | 35.0 |
| 3310.0 | H | 32.8 | | -77.2 | 6.5 | 3.9 | -74.5 | 84.5 | 23.0 | 35.0 |
| 3310.0 | V | 30.2 | | -78.0 | 6.5 | 3.9 | -75.3 | 85.3 | 23.0 | 35.0 |
| 3972.0 | H | 28.2 | | -76.6 | 6.9 | 4.3 | -74.0 | 84.0 | 23.0 | 35.0 |
| 3972.0 | V | 28.4 | | -75.8 | 6.9 | 4.3 | -73.2 | 83.2 | 23.0 | 35.0 |
| 4634.0 | H | 29.2 | | -75.4 | 8.2 | 4.6 | -71.8 | 81.8 | 23.0 | 35.0 |
| 4634.0 | V | 29.9 | | -75.1 | 8.2 | 4.6 | -71.5 | 81.5 | 23.0 | 35.0 |
| 5296.0 | H | 27.1 | | -75.2 | 7.4 | 4.9 | -72.7 | 82.7 | 23.0 | 35.0 |
| 5296.0 | V | 26.7 | | -75.8 | 7.4 | 4.9 | -73.3 | 83.3 | 23.0 | 35.0 |
| 5958.0 | H | 28.9 | | -72.8 | 8.0 | 5.2 | -69.9 | 79.9 | 23.0 | 35.0 |
| 5958.0 | V | 29.5 | | -72.5 | 8.0 | 5.2 | -69.6 | 79.6 | 23.0 | 35.0 |
| 6620.0 | H | 29.5 | | -71.1 | 9.4 | 6.0 | -67.7 | 77.7 | 23.0 | 35.0 |
| 6620.0 | V | 29.4 | | -72.3 | 9.4 | 6.0 | -68.9 | 78.9 | 23.0 | 35.0 |



* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : RSS-123 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 662MHz, 100mW (20dBm)
 UNIT : D
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GX1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1324.0 | H | 32.0 | | -86.0 | 4.2 | 2.3 | -84.1 | 104.1 | 33.0 | 45.0 |
| 1324.0 | V | 45.8 | | -71.8 | 4.2 | 2.3 | -69.9 | 89.9 | 33.0 | 45.0 |
| 1986.0 | H | 30.5 | | -83.6 | 5.1 | 2.8 | -81.4 | 101.4 | 33.0 | 45.0 |
| 1986.0 | V | 30.3 | | -83.0 | 5.1 | 2.8 | -80.7 | 100.7 | 33.0 | 45.0 |
| 2648.0 | H | 31.4 | | -80.8 | 5.9 | 3.4 | -78.2 | 98.2 | 33.0 | 45.0 |
| 2648.0 | V | 38.1 | | -71.7 | 5.9 | 3.4 | -69.1 | 89.1 | 33.0 | 45.0 |
| 3310.0 | H | 31.8 | | -78.2 | 6.5 | 3.9 | -75.5 | 95.5 | 33.0 | 45.0 |
| 3310.0 | V | 30.6 | | -77.6 | 6.5 | 3.9 | -74.9 | 94.9 | 33.0 | 45.0 |
| 3972.0 | H | 31.7 | | -73.1 | 6.9 | 4.3 | -70.5 | 90.5 | 33.0 | 45.0 |
| 3972.0 | V | 27.7 | | -76.5 | 6.9 | 4.3 | -73.9 | 93.9 | 33.0 | 45.0 |
| 4634.0 | H | 32.6 | | -72.0 | 8.2 | 4.6 | -68.4 | 88.4 | 33.0 | 45.0 |
| 4634.0 | V | 28.3 | | -76.7 | 8.2 | 4.6 | -73.1 | 93.1 | 33.0 | 45.0 |
| 5296.0 | H | 28.0 | | -74.3 | 7.4 | 4.9 | -71.8 | 91.8 | 33.0 | 45.0 |
| 5296.0 | V | 28.7 | | -73.8 | 7.4 | 4.9 | -71.3 | 91.3 | 33.0 | 45.0 |
| 5958.0 | H | 30.3 | | -71.4 | 8.0 | 5.2 | -68.5 | 88.5 | 33.0 | 45.0 |
| 5958.0 | V | 29.3 | | -72.7 | 8.0 | 5.2 | -69.8 | 89.8 | 33.0 | 45.0 |
| 6620.0 | H | 28.0 | | -72.6 | 9.4 | 6.0 | -69.2 | 89.2 | 33.0 | 45.0 |
| 6620.0 | V | 28.0 | | -73.7 | 9.4 | 6.0 | -70.3 | 90.3 | 33.0 | 45.0 |

* - Ambient



ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
Mark E. Longinotti

MANUFACTURER : Shure Inc.
MODEL : PSM1000 P10T Transmitter
SERIAL NO. : None Assigned
SPECIFICATION : RSS-123 Spurious Radiated Emissions
DATE : December 13, 2010 through February 1, 2011
MODE : Transmit at 698MHz, 10mW (10dBm)
UNIT : D
EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GX1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1395.8 | H | 37.2 | | -80.9 | 4.5 | 2.4 | -78.8 | 88.8 | 23.0 | 35.0 |
| 1395.8 | V | 43.0 | | -74.8 | 4.5 | 2.4 | -72.8 | 82.8 | 23.0 | 35.0 |
| 2093.6 | H | 31.0 | | -82.8 | 5.3 | 2.9 | -80.4 | 90.4 | 23.0 | 35.0 |
| 2093.6 | V | 31.2 | | -81.4 | 5.3 | 2.9 | -79.0 | 89.0 | 23.0 | 35.0 |
| 2791.5 | H | 38.1 | | -73.6 | 6.0 | 3.5 | -71.1 | 81.1 | 23.0 | 35.0 |
| 2791.5 | V | 37.8 | | -71.5 | 6.0 | 3.5 | -69.0 | 79.0 | 23.0 | 35.0 |
| 3489.4 | H | 35.0 | | -74.4 | 6.8 | 4.0 | -71.6 | 81.6 | 23.0 | 35.0 |
| 3489.4 | V | 37.3 | | -70.6 | 6.8 | 4.0 | -67.8 | 77.8 | 23.0 | 35.0 |
| 4187.3 | H | 31.0 | | -73.9 | 7.5 | 4.4 | -70.8 | 80.8 | 23.0 | 35.0 |
| 4187.3 | V | 31.1 | | -73.6 | 7.5 | 4.4 | -70.6 | 80.6 | 23.0 | 35.0 |



* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
Mark E. Longinotti

MANUFACTURER : Shure Inc.
MODEL : PSM1000 P10T Transmitter
SERIAL NO. : None Assigned
SPECIFICATION : RSS-123 Spurious Radiated Emissions
DATE : December 13, 2010 through February 1, 2011
MODE : Transmit at 698MHz, 100mW (20dBm)
UNIT : D
EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GXA1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1395.8 | H | 38.4 | | -79.7 | 4.5 | 2.4 | -77.6 | 97.6 | 33.0 | 45.0 |
| 1395.8 | V | 54.2 | | -63.6 | 4.5 | 2.4 | -61.6 | 81.6 | 33.0 | 45.0 |
| 2093.6 | H | 32.1 | | -81.7 | 5.3 | 2.9 | -79.3 | 99.3 | 33.0 | 45.0 |
| 2093.6 | V | 38.6 | | -74.0 | 5.3 | 2.9 | -71.6 | 91.6 | 33.0 | 45.0 |
| 2791.5 | H | 35.5 | | -76.2 | 6.0 | 3.5 | -73.7 | 93.7 | 33.0 | 45.0 |
| 2791.5 | V | 39.6 | | -69.7 | 6.0 | 3.5 | -67.2 | 87.2 | 33.0 | 45.0 |



| | | | | | | | | | | |
|------------|---|------|--|-------|-----|-----|-------|------|------|------|
| 3489. 4 | H | 31.3 | | -78.1 | 6.8 | 4.0 | -75.3 | 95.3 | 33.0 | 45.0 |
| 3489. 4 | V | 31.5 | | -76.4 | 6.8 | 4.0 | -73.6 | 93.6 | 33.0 | 45.0 |
| 4187. 3 | H | 30.8 | | -74.1 | 7.5 | 4.4 | -71.0 | 91.0 | 33.0 | 45.0 |
| 4187. 3 | V | 31.0 | | -73.7 | 7.5 | 4.4 | -70.7 | 90.7 | 33.0 | 45.0 |

* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
Mark E. Longinotti

MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : FCC-74 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 662MHz, 10mW (10dBm)
 UNIT : D
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GXA1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|--------------|------------|--------------------------|-----|------------------------------|-----------------------|-----------------------|---------------------|--------------|--------------------------------|--------------------------------|
| 1324. 0 | H | 48.7 | | -69.3 | 4.2 | 2.3 | -67.4 | 77.4 | 23.0 | 35.0 |



| | | | | | | | | | | |
|--------|---|------|--|-------|-----|-----|-------|------|------|------|
| 1324.0 | V | 45.9 | | -71.7 | 4.2 | 2.3 | -69.8 | 79.8 | 23.0 | 35.0 |
| 1986.0 | H | 47.3 | | -66.8 | 5.1 | 2.8 | -64.6 | 74.6 | 23.0 | 35.0 |
| 1986.0 | V | 47.0 | | -66.3 | 5.1 | 2.8 | -64.0 | 74.0 | 23.0 | 35.0 |
| 2648.0 | H | 45.8 | | -66.4 | 5.9 | 3.4 | -63.8 | 73.8 | 23.0 | 35.0 |
| 2648.0 | V | 46.1 | | -63.7 | 5.9 | 3.4 | -61.1 | 71.1 | 23.0 | 35.0 |
| 3310.0 | H | 46.8 | | -63.2 | 6.5 | 3.9 | -60.5 | 70.5 | 23.0 | 35.0 |
| 3310.0 | V | 46.7 | | -61.5 | 6.5 | 3.9 | -58.8 | 68.8 | 23.0 | 35.0 |
| 3972.0 | H | 45.0 | | -59.8 | 6.9 | 4.3 | -57.2 | 67.2 | 23.0 | 35.0 |
| 3972.0 | V | 45.2 | | -59.0 | 6.9 | 4.3 | -56.4 | 66.4 | 23.0 | 35.0 |
| 4634.0 | H | 46.4 | | -58.2 | 8.2 | 4.6 | -54.6 | 64.6 | 23.0 | 35.0 |
| 4634.0 | V | 47.3 | | -57.7 | 8.2 | 4.6 | -54.1 | 64.1 | 23.0 | 35.0 |
| 5296.0 | H | 44.4 | | -57.9 | 7.4 | 4.9 | -55.4 | 65.4 | 23.0 | 35.0 |
| 5296.0 | V | 44.1 | | -58.4 | 7.4 | 4.9 | -55.9 | 65.9 | 23.0 | 35.0 |
| 5958.0 | H | 44.6 | | -57.1 | 8.0 | 5.2 | -54.2 | 64.2 | 23.0 | 35.0 |
| 5958.0 | V | 45.4 | | -56.6 | 8.0 | 5.2 | -53.7 | 63.7 | 23.0 | 35.0 |
| 6620.0 | H | 45.5 | | -55.1 | 9.4 | 6.0 | -51.7 | 61.7 | 23.0 | 35.0 |
| 6620.0 | V | 44.7 | | -57.0 | 9.4 | 6.0 | -53.6 | 63.6 | 23.0 | 35.0 |

* - Ambient

$$\text{ERP Total (dBm)} = \text{Matched Sig Gen (dBm)} + \text{Antenna Gain (dB)} - \text{Cable Loss (dB)}$$

$$\text{Atten. (dB)} = \text{Output Power (dBm)} - \text{ERP (dBm)}$$

Checked By: MARK E. LONGINOTTI
Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : FCC-74 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 662MHz, 100mW (20dBm)
 UNIT : D
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GX1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB | RSS-123 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|-----------------------|
| 1324.0 | H | 47.5 | | -70.5 | 4.2 | 2.3 | -68.6 | 88.6 | 33.0 | 45.0 |
| 1324.0 | V | 52.5 | | -65.1 | 4.2 | 2.3 | -63.2 | 83.2 | 33.0 | 45.0 |
| 1986.0 | H | 47.1 | | -67.0 | 5.1 | 2.8 | -64.8 | 84.8 | 33.0 | 45.0 |
| 1986.0 | V | 46.8 | | -66.5 | 5.1 | 2.8 | -64.2 | 84.2 | 33.0 | 45.0 |
| 2648.0 | H | 45.9 | | -66.3 | 5.9 | 3.4 | -63.7 | 83.7 | 33.0 | 45.0 |
| 2648.0 | V | 48.0 | | -61.8 | 5.9 | 3.4 | -59.2 | 79.2 | 33.0 | 45.0 |
| 3310.0 | H | 46.3 | | -63.7 | 6.5 | 3.9 | -61.0 | 81.0 | 33.0 | 45.0 |
| 3310.0 | V | 46.0 | | -62.2 | 6.5 | 3.9 | -59.5 | 79.5 | 33.0 | 45.0 |
| 3972.0 | H | 44.8 | | -60.0 | 6.9 | 4.3 | -57.4 | 77.4 | 33.0 | 45.0 |
| 3972.0 | V | 44.6 | | -59.6 | 6.9 | 4.3 | -57.0 | 77.0 | 33.0 | 45.0 |
| 4634.0 | H | 46.5 | | -58.1 | 8.2 | 4.6 | -54.5 | 74.5 | 33.0 | 45.0 |
| 4634.0 | V | 46.1 | | -58.9 | 8.2 | 4.6 | -55.3 | 75.3 | 33.0 | 45.0 |
| 5296.0 | H | 45.2 | | -57.1 | 7.4 | 4.9 | -54.6 | 74.6 | 33.0 | 45.0 |
| 5296.0 | V | 44.3 | | -58.2 | 7.4 | 4.9 | -55.7 | 75.7 | 33.0 | 45.0 |
| 5958.0 | H | 45.0 | | -56.7 | 8.0 | 5.2 | -53.8 | 73.8 | 33.0 | 45.0 |
| 5958.0 | V | 46.1 | | -55.9 | 8.0 | 5.2 | -53.0 | 73.0 | 33.0 | 45.0 |
| 6620.0 | H | 45.3 | | -55.3 | 9.4 | 6.0 | -51.9 | 71.9 | 33.0 | 45.0 |
| 6620.0 | V | 44.4 | | -57.3 | 9.4 | 6.0 | -53.9 | 73.9 | 33.0 | 45.0 |



* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
Mark E. Longinotti

Start here



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : FCC-74 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 948MHz, 10mW (10dBm)
 UNIT : J
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GX1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|
| 1896.0 | H | 44.8 | | -69.9 | 5.0 | 2.7 | -67.6 | 77.6 | 23 |
| 1896.0 | V | 45.6 | | -68.3 | 5.0 | 2.7 | -66.0 | 76.0 | 23 |
| 2844.0 | H | 44.2 | | -67.3 | 6.0 | 3.6 | -64.9 | 74.9 | 23 |
| 2844.0 | V | 43.8 | | -65.3 | 6.0 | 3.6 | -62.9 | 72.9 | 23 |
| 3792.0 | H | 44.4 | | -62.1 | 6.9 | 4.2 | -59.4 | 69.4 | 23 |
| 3792.0 | V | 43.8 | | -61.7 | 6.9 | 4.2 | -59.1 | 69.1 | 23 |
| 4740.0 | H | 42.5 | | -61.5 | 8.1 | 4.7 | -58.1 | 68.1 | 23 |
| 4740.0 | V | 41.9 | | -62.4 | 8.1 | 4.7 | -59.0 | 69.0 | 23 |
| 5688.0 | H | 41.7 | | -60.2 | 7.5 | 5.1 | -57.8 | 67.8 | 23 |
| 5688.0 | V | 42.3 | | -59.9 | 7.5 | 5.1 | -57.5 | 67.5 | 23 |
| 6636.0 | H | 42.8 | | -57.8 | 9.3 | 6.0 | -54.5 | 64.5 | 23 |
| 6636.0 | V | 40.9 | | -60.8 | 9.3 | 6.0 | -57.5 | 67.5 | 23 |
| 7584.0 | H | 40.0 | | -58.3 | 8.0 | 6.1 | -56.4 | 66.4 | 23 |
| 7584.0 | V | 43.3 | | -55.9 | 8.0 | 6.1 | -54.0 | 64.0 | 23 |
| 8532.0 | H | 40.6 | | -56.6 | 8.7 | 6.8 | -54.7 | 64.7 | 23 |
| 8532.0 | V | 43.3 | | -54.7 | 8.7 | 6.8 | -52.9 | 62.9 | 23 |
| 9480.0 | H | 44.6 | | -51.2 | 9.2 | 7.0 | -49.0 | 59.0 | 23 |
| 9480.0 | V | 42.9 | | -53.8 | 9.2 | 7.0 | -51.6 | 61.6 | 23 |



* - Ambient

ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

Checked By: MARK E. LONGINOTTI
Mark E. Longinotti



MANUFACTURER : Shure Inc.
 MODEL : PSM1000 P10T Transmitter
 SERIAL NO. : None Assigned
 SPECIFICATION : FCC-74 Spurious Radiated Emissions
 DATE : December 13, 2010 through February 1, 2011
 MODE : Transmit at 948MHz, 100mW (20dBm)
 UNIT : J
 EQUIPMENT USED : RBB0, NTA2, NWH0, NDQ0, NWF0, GRE0, GX1, APW3

| Freq. MHz | Ant Pol | Meter Reading dBuV | Amb | Matched Sig Gen dBm | Antenna Gain dB | Cable Factor dB | ERP Total dBm | Atten. dB | Part 74 Min. Attn. dB |
|-----------|---------|--------------------|-----|---------------------|-----------------|-----------------|---------------|-----------|-----------------------|
| 1896.0 | H | 46.3 | | -68.4 | 5.0 | 2.7 | -66.1 | 76.1 | 33 |
| 1896.0 | V | 46.6 | | -67.3 | 5.0 | 2.7 | -65.0 | 75.0 | 33 |
| 2844.0 | H | 42.9 | | -68.6 | 6.0 | 3.6 | -66.2 | 76.2 | 33 |
| 2844.0 | V | 43.2 | | -65.9 | 6.0 | 3.6 | -63.5 | 73.5 | 33 |
| 3792.0 | H | 43.0 | | -63.5 | 6.9 | 4.2 | -60.8 | 70.8 | 33 |
| 3792.0 | V | 43.1 | | -62.4 | 6.9 | 4.2 | -59.8 | 69.8 | 33 |
| 4740.0 | H | 42.6 | | -61.4 | 8.1 | 4.7 | -58.0 | 68.0 | 33 |
| 4740.0 | V | 41.9 | | -62.4 | 8.1 | 4.7 | -59.0 | 69.0 | 33 |
| 5688.0 | H | 41.3 | | -60.6 | 7.5 | 5.1 | -58.2 | 68.2 | 33 |
| 5688.0 | V | 41.6 | | -60.6 | 7.5 | 5.1 | -58.2 | 68.2 | 33 |
| 6636.0 | H | 41.0 | | -59.6 | 9.3 | 6.0 | -56.3 | 66.3 | 33 |
| 6636.0 | V | 41.6 | | -60.1 | 9.3 | 6.0 | -56.8 | 66.8 | 33 |
| 7584.0 | H | 44.7 | | -53.6 | 8.0 | 6.1 | -51.7 | 61.7 | 33 |
| 7584.0 | V | 40.8 | | -58.4 | 8.0 | 6.1 | -56.5 | 66.5 | 33 |
| 8532.0 | H | 43.3 | | -53.9 | 8.7 | 6.8 | -52.0 | 62.0 | 33 |
| 8532.0 | V | 43.9 | | -54.1 | 8.7 | 6.8 | -52.3 | 62.3 | 33 |
| 9480.0 | H | 44.0 | | -51.8 | 9.2 | 7.0 | -49.6 | 59.6 | 33 |
| 9480.0 | V | 43.8 | | -52.9 | 9.2 | 7.0 | -50.7 | 60.7 | 33 |

* - Ambient



ERP Total (dBm) = Matched Sig Gen (dBm) + Antenna Gain (dB) – Cable Loss (dB)

Atten. (dB) = Output Power (dBm) – ERP (dBm)

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