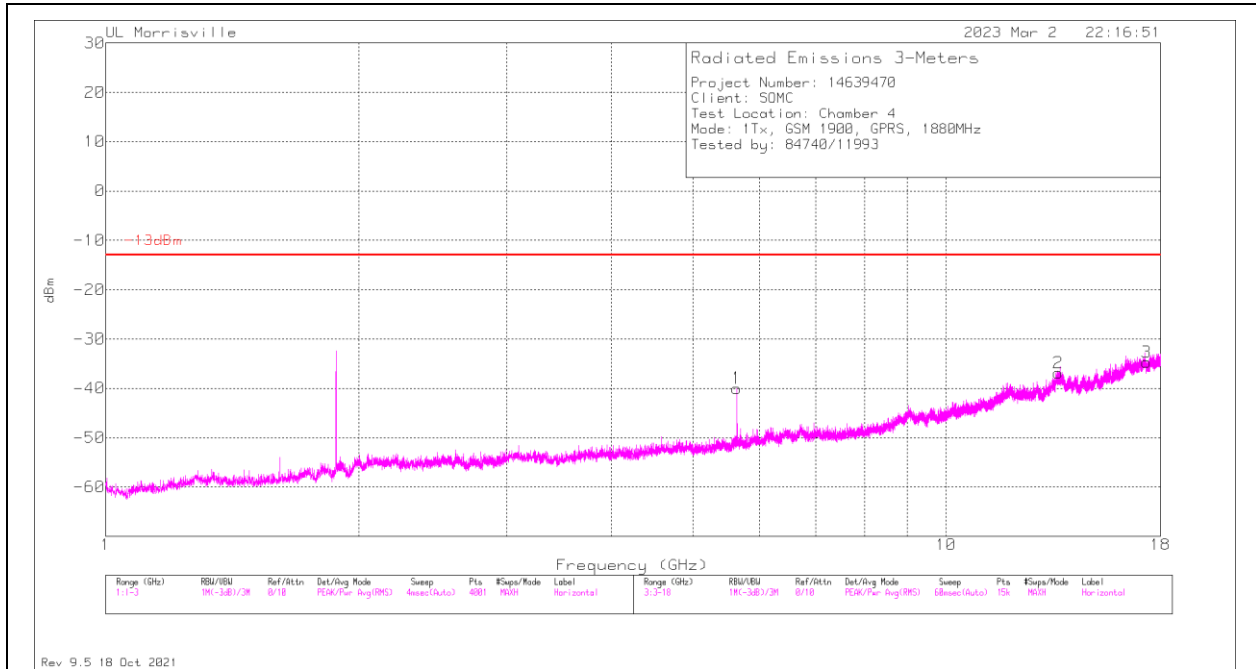


RADIATED EMISSIONS

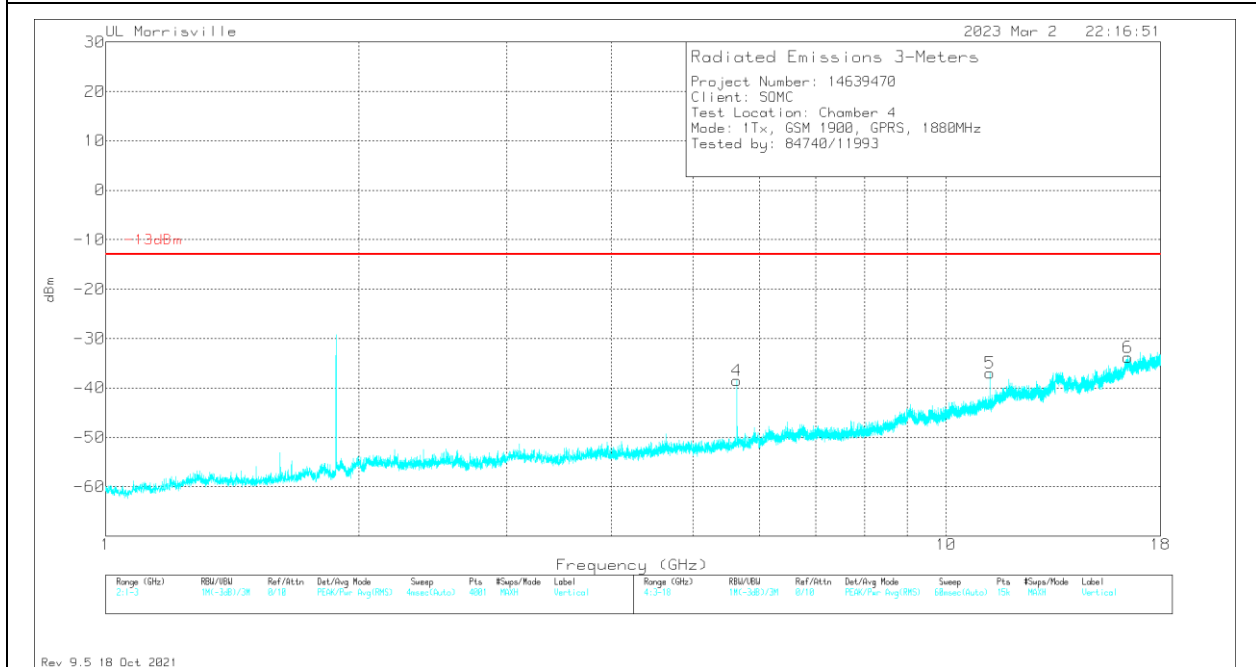
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 5.55 | -54.5 | Pk | 34.7 | -31.7 | 11.8 | 0 | -39.7 | -13 | -26.7 | 0-360 | 100 | H |
| 2 | 13.554 | -64.96 | Pk | 38.7 | -22.3 | 11.8 | 0 | -36.76 | -13 | -23.76 | 0-360 | 100 | H |
| 3 | 16.498 | -66.01 | Pk | 40.9 | -19.7 | 11.8 | 0 | -33.01 | -13 | -20.01 | 0-360 | 200 | H |
| 4 | 5.551 | -55.95 | Pk | 34.7 | -31.7 | 11.8 | 0 | -41.15 | -13 | -28.15 | 0-360 | 200 | V |
| 5 | 13.599 | -64.48 | Pk | 38.7 | -22.3 | 11.8 | 0 | -36.28 | -13 | -23.28 | 0-360 | 300 | V |
| 6 | 16.474 | -66.91 | Pk | 40.9 | -19.9 | 11.8 | 0 | -34.11 | -13 | -21.11 | 0-360 | 300 | V |

Pk - Peak detector

GPRS MID CHANNEL



HORIZONTAL



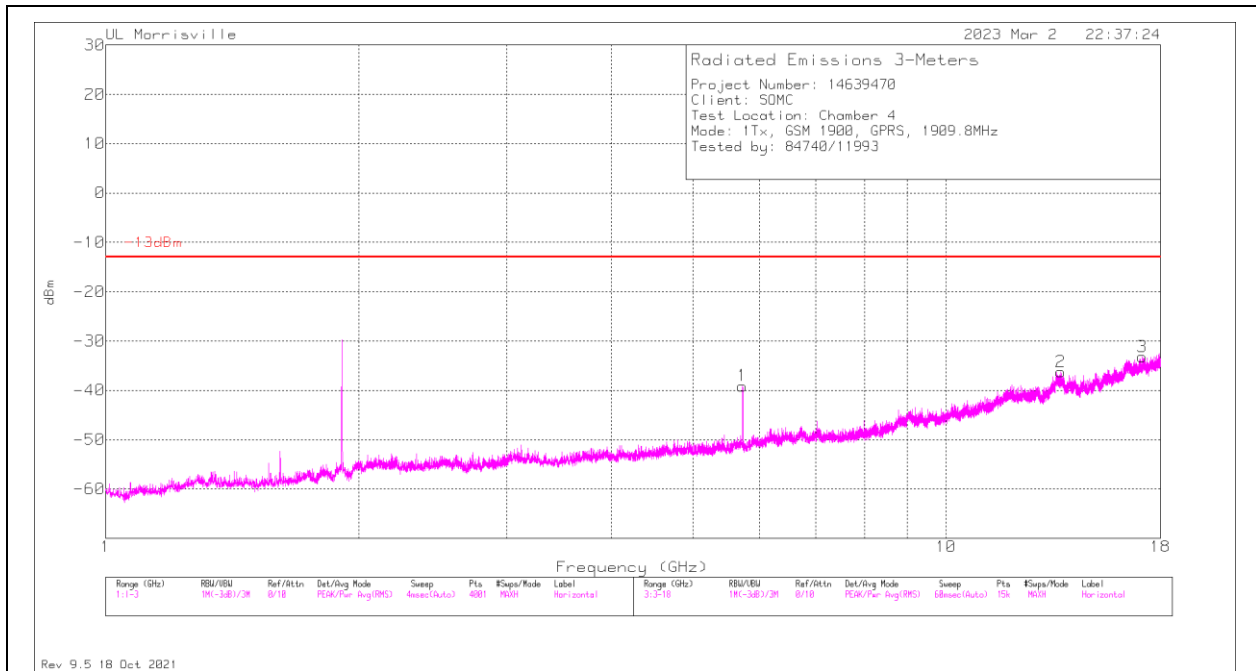
VERTICAL

RADIATED EMISSIONS

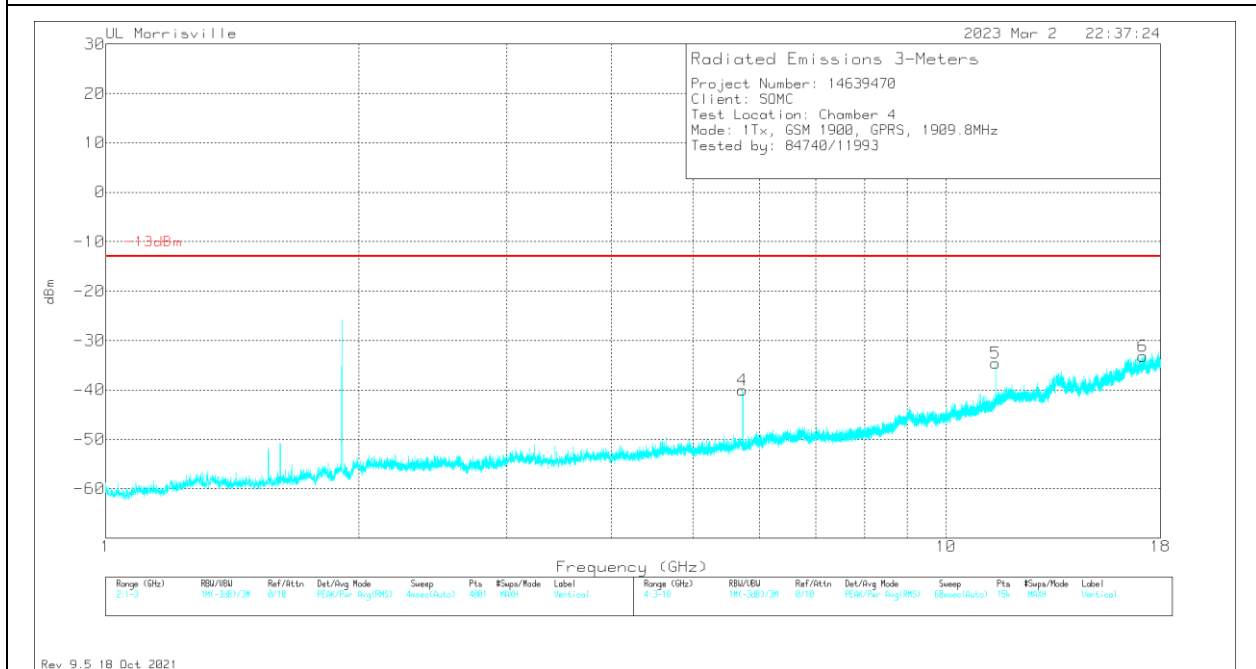
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 5.64 | -56.37 | Pk | 34.8 | -30.2 | 11.8 | 0 | -39.97 | -13 | -26.97 | 0-360 | 100 | H |
| 2 | 13.608 | -64.88 | Pk | 38.7 | -22.5 | 11.8 | 0 | -36.88 | -13 | -23.88 | 0-360 | 100 | H |
| 3 | 17.323 | -67.78 | Pk | 40.8 | -19.5 | 11.8 | 0 | -34.68 | -13 | -21.68 | 0-360 | 200 | H |
| 4 | 5.639 | -54.88 | Pk | 34.8 | -30.2 | 11.8 | 0 | -38.48 | -13 | -25.48 | 0-360 | 300 | V |
| 5 | 11.28 | -62.4 | Pk | 37.9 | -24.3 | 11.8 | 0 | -37 | -13 | -24 | 0-360 | 200 | V |
| 6 | 16.46 | -66.26 | Pk | 40.9 | -20.3 | 11.8 | 0 | -33.86 | -13 | -20.86 | 0-360 | 300 | V |

Pk - Peak detector

GPRS HIGH CHANNEL



HORIZONTAL



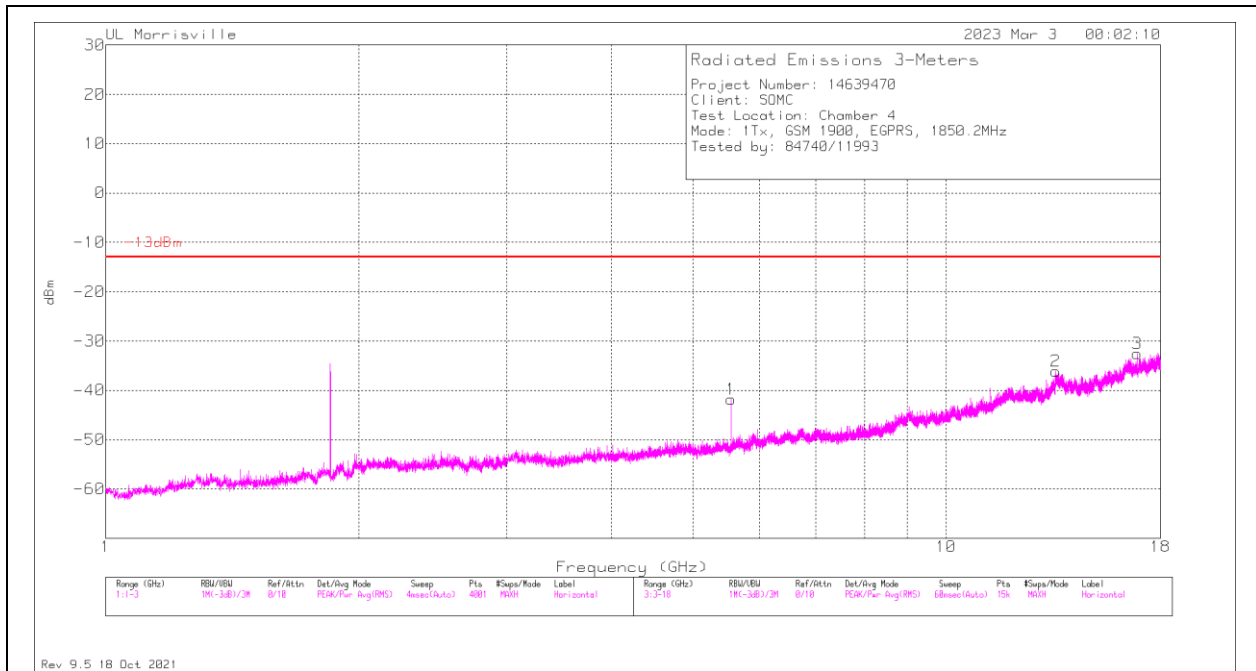
VERTICAL

RADIATED EMISSIONS

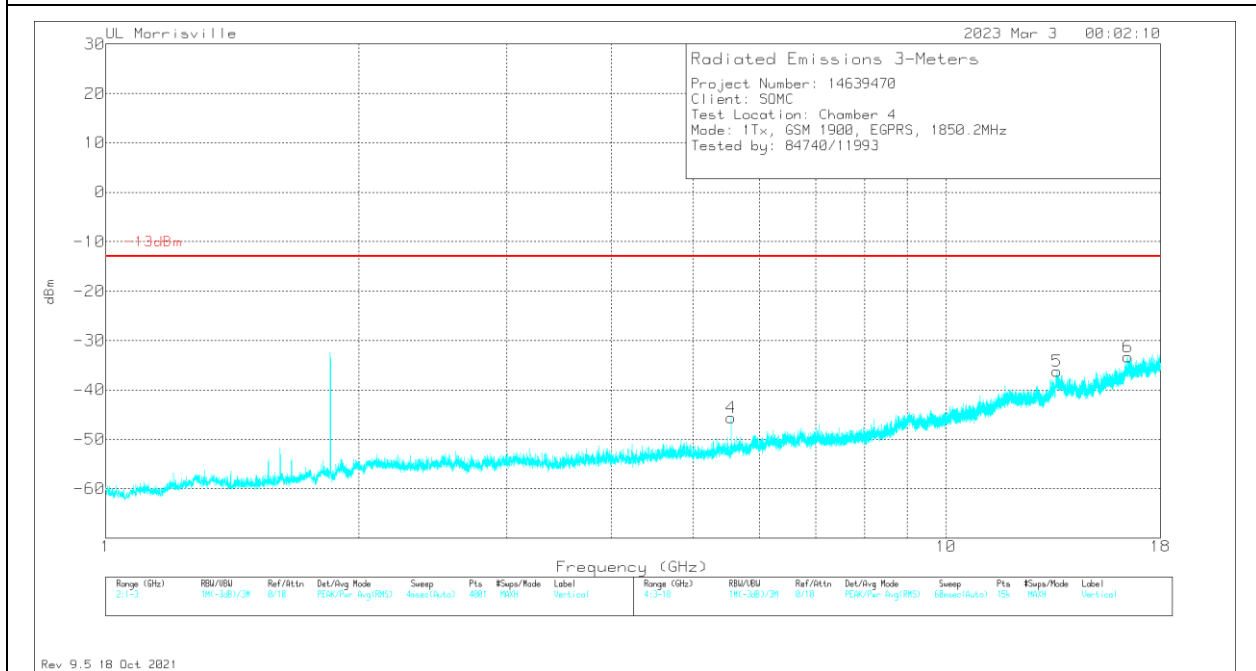
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 5.729 | -55.78 | Pk | 34.8 | -29.9 | 11.8 | 0 | -39.08 | -13 | -26.08 | 0-360 | 100 | H |
| 2 | 13.696 | -65.02 | Pk | 38.7 | -21.7 | 11.8 | 0 | -36.22 | -13 | -23.22 | 0-360 | 100 | H |
| 3 | 17.117 | -66.72 | Pk | 41.1 | -19.4 | 11.8 | 0 | -33.22 | -13 | -20.22 | 0-360 | 100 | H |
| 4 | 5.729 | -56.79 | Pk | 34.8 | -29.9 | 11.8 | 0 | -40.09 | -13 | -27.09 | 0-360 | 300 | V |
| 5 | 11.459 | -60.83 | Pk | 38.1 | -23.6 | 11.8 | 0 | -34.53 | -13 | -21.53 | 0-360 | 200 | V |
| 6 | 17.168 | -66.74 | Pk | 41 | -19.2 | 11.8 | 0 | -33.14 | -13 | -20.14 | 0-360 | 300 | V |

Pk - Peak detector

EGPRS LOW CHANNEL



HORIZONTAL



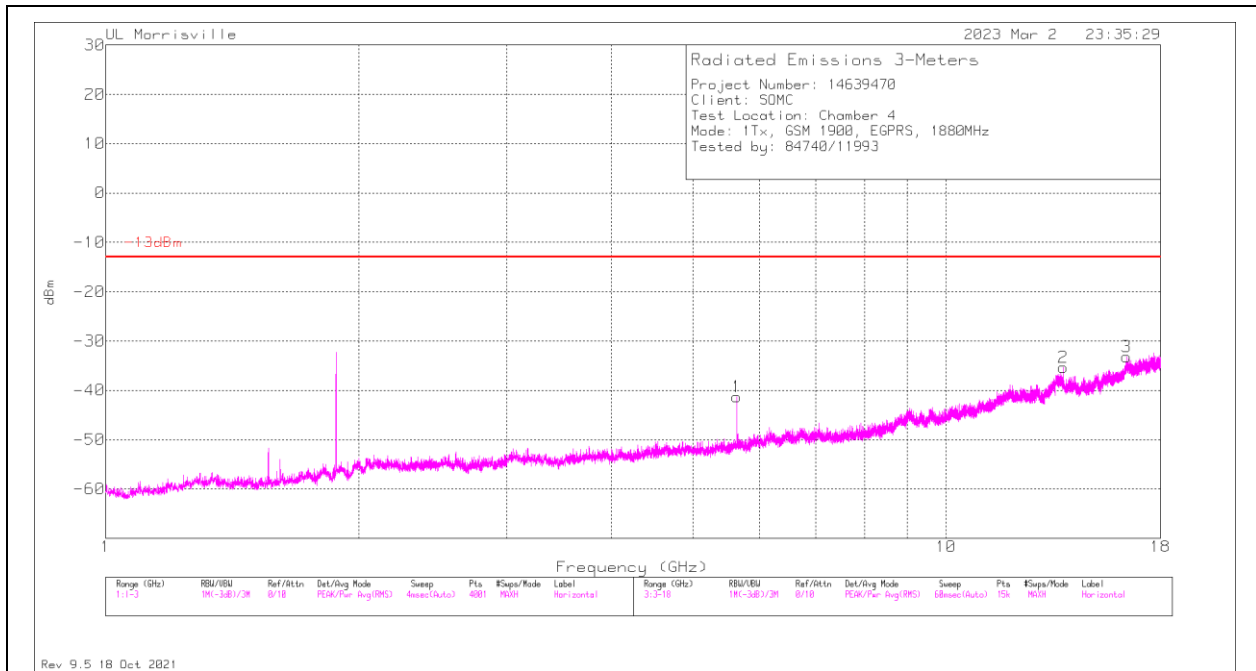
VERTICAL

RADIATED EMISSIONS

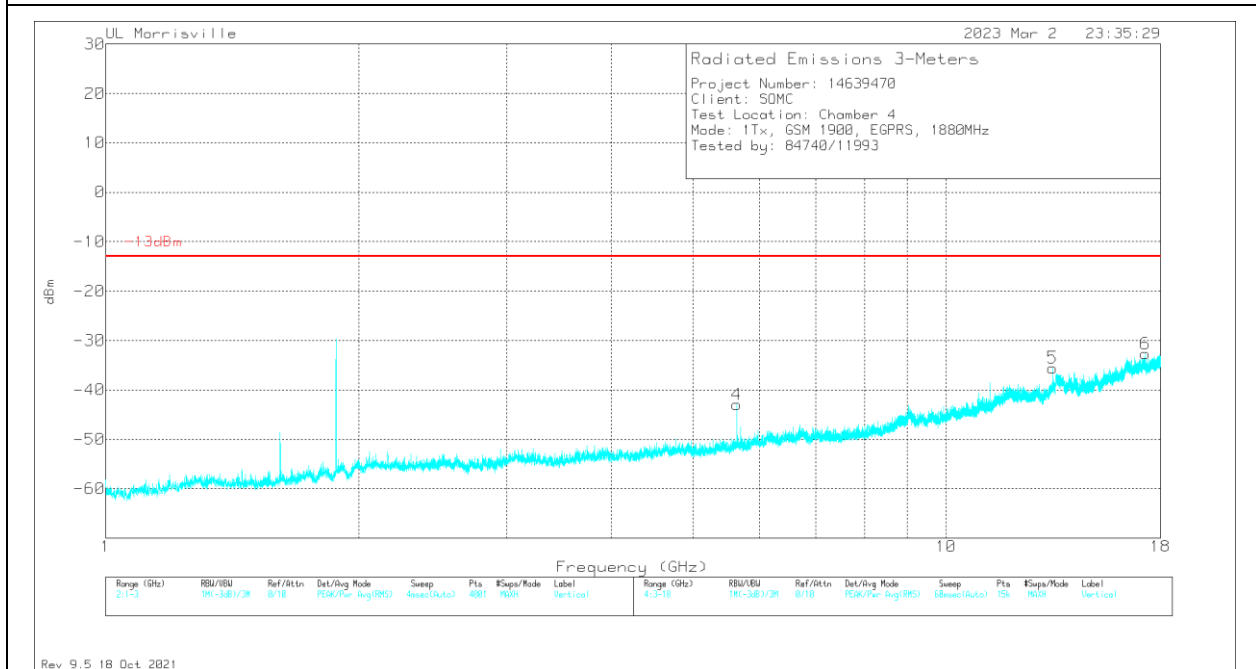
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 5.5505 | -56.6 | Pk | 34.7 | -31.7 | 11.8 | 0 | -41.8 | -13 | -28.8 | 0-360 | 100 | H |
| 2 | 13.52 | -64.89 | Pk | 38.8 | -21.8 | 11.8 | 0 | -36.09 | -13 | -23.09 | 0-360 | 200 | H |
| 3 | 16.883 | -65.95 | Pk | 41.4 | -19.8 | 11.8 | 0 | -32.55 | -13 | -19.55 | 0-360 | 200 | H |
| 4 | 5.55 | -60.47 | Pk | 34.7 | -31.7 | 11.8 | 0 | -45.67 | -13 | -32.67 | 0-360 | 300 | V |
| 5 | 13.552 | -64.42 | Pk | 38.7 | -22.3 | 11.8 | 0 | -36.22 | -13 | -23.22 | 0-360 | 300 | V |
| 6 | 16.456 | -65.85 | Pk | 40.9 | -20.2 | 11.8 | 0 | -33.35 | -13 | -20.35 | 0-360 | 300 | V |

Pk - Peak detector

EGPRS MID CHANNEL



HORIZONTAL



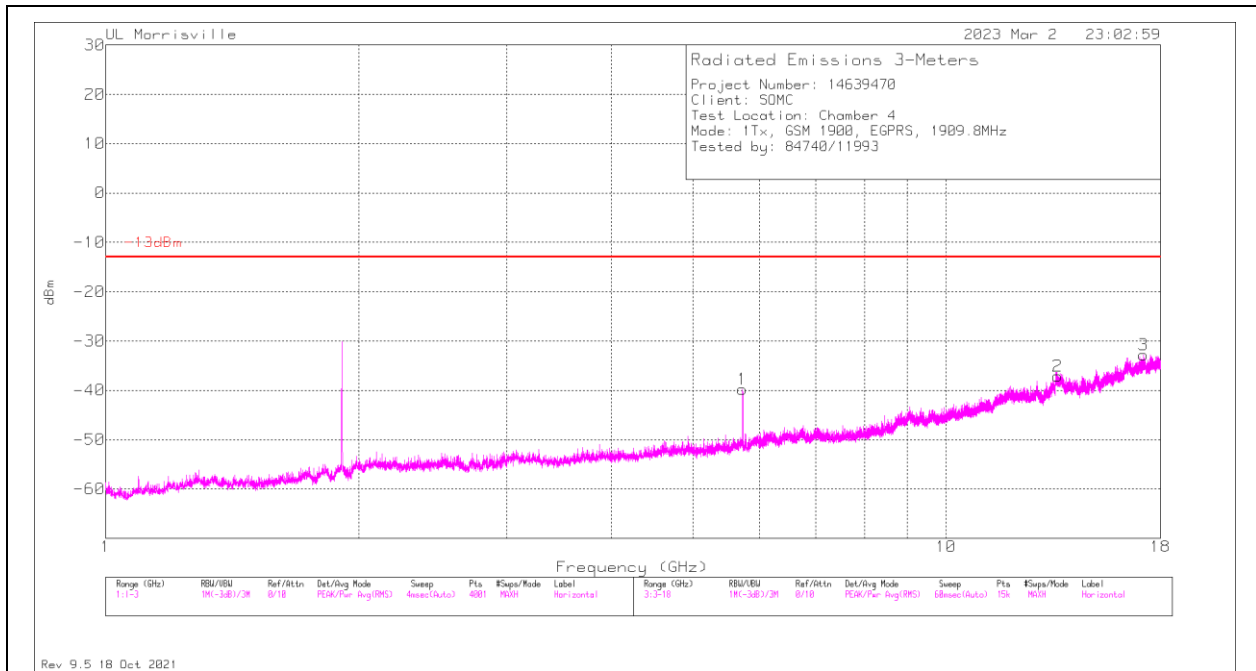
VERTICAL

RADIATED EMISSIONS

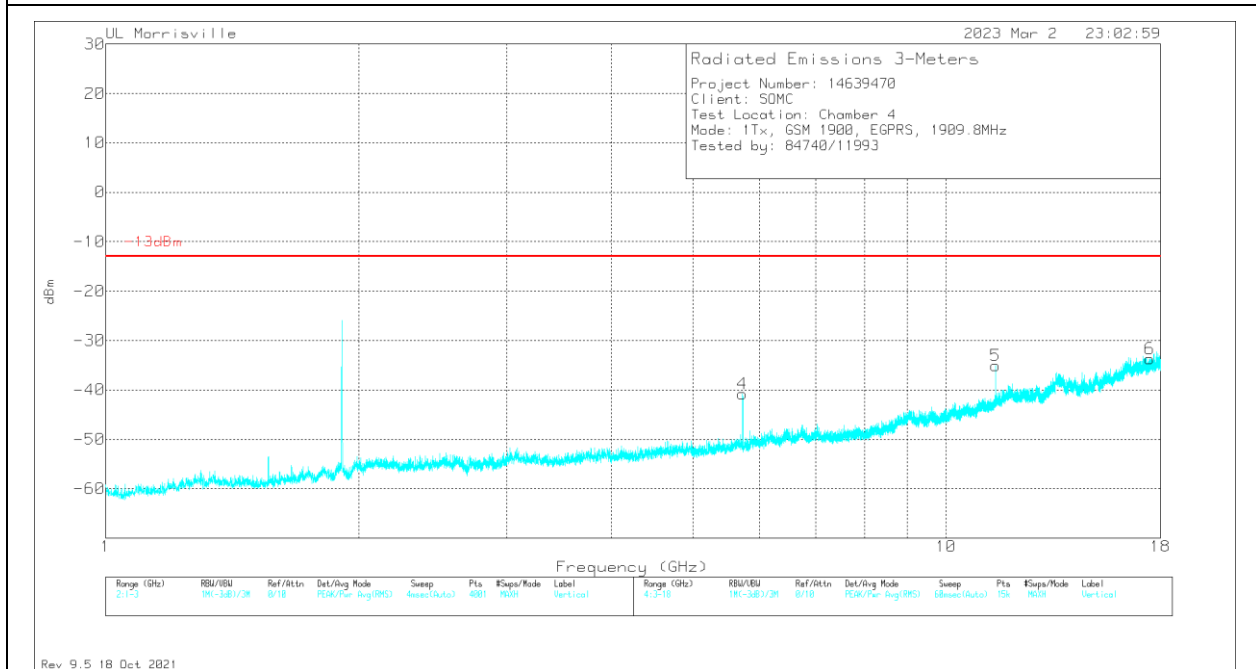
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 5.64 | -57.75 | Pk | 34.8 | -30.2 | 11.8 | 0 | -41.35 | -13 | -28.35 | 0-360 | 100 | H |
| 2 | 13.786 | -64.74 | Pk | 38.7 | -21.1 | 11.8 | 0 | -35.34 | -13 | -22.34 | 0-360 | 100 | H |
| 3 | 16.394 | -65.44 | Pk | 40.8 | -20.3 | 11.8 | 0 | -33.14 | -13 | -20.14 | 0-360 | 100 | H |
| 4 | 5.64 | -59.39 | Pk | 34.8 | -30.2 | 11.8 | 0 | -42.99 | -13 | -29.99 | 0-360 | 300 | V |
| 5 | 13.398 | -64.53 | Pk | 38.9 | -21.7 | 11.8 | 0 | -35.53 | -13 | -22.53 | 0-360 | 200 | V |
| 6 | 17.281 | -65.97 | Pk | 40.8 | -19.3 | 11.8 | 0 | -32.67 | -13 | -19.67 | 0-360 | 300 | V |

Pk - Peak detector

EGPRS HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

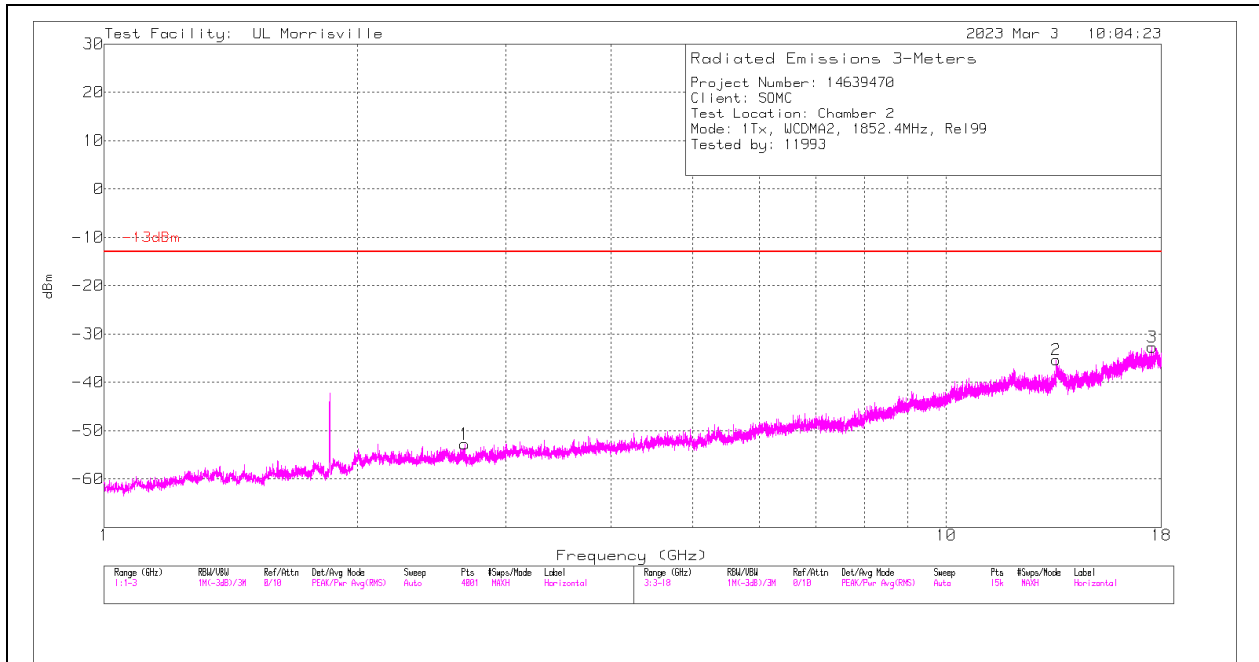
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 5.729 | -56.46 | Pk | 34.8 | -29.9 | 11.8 | 0 | -39.76 | -13 | -26.76 | 0-360 | 100 | H |
| 2 | 13.573 | -65.32 | Pk | 38.7 | -22.3 | 11.8 | 0 | -37.12 | -13 | -24.12 | 0-360 | 200 | H |
| 3 | 17.177 | -66.35 | Pk | 40.9 | -19.2 | 11.8 | 0 | -32.85 | -13 | -19.85 | 0-360 | 200 | H |
| 4 | 5.729 | -57.46 | Pk | 34.8 | -29.9 | 11.8 | 0 | -40.76 | -13 | -27.76 | 0-360 | 300 | V |
| 5 | 11.46 | -61.37 | Pk | 38.1 | -23.6 | 11.8 | 0 | -35.07 | -13 | -22.07 | 0-360 | 200 | V |
| 6 | 17.483 | -67.12 | Pk | 40.7 | -19.1 | 11.8 | 0 | -33.72 | -13 | -20.72 | 0-360 | 300 | V |

Pk - Peak detector

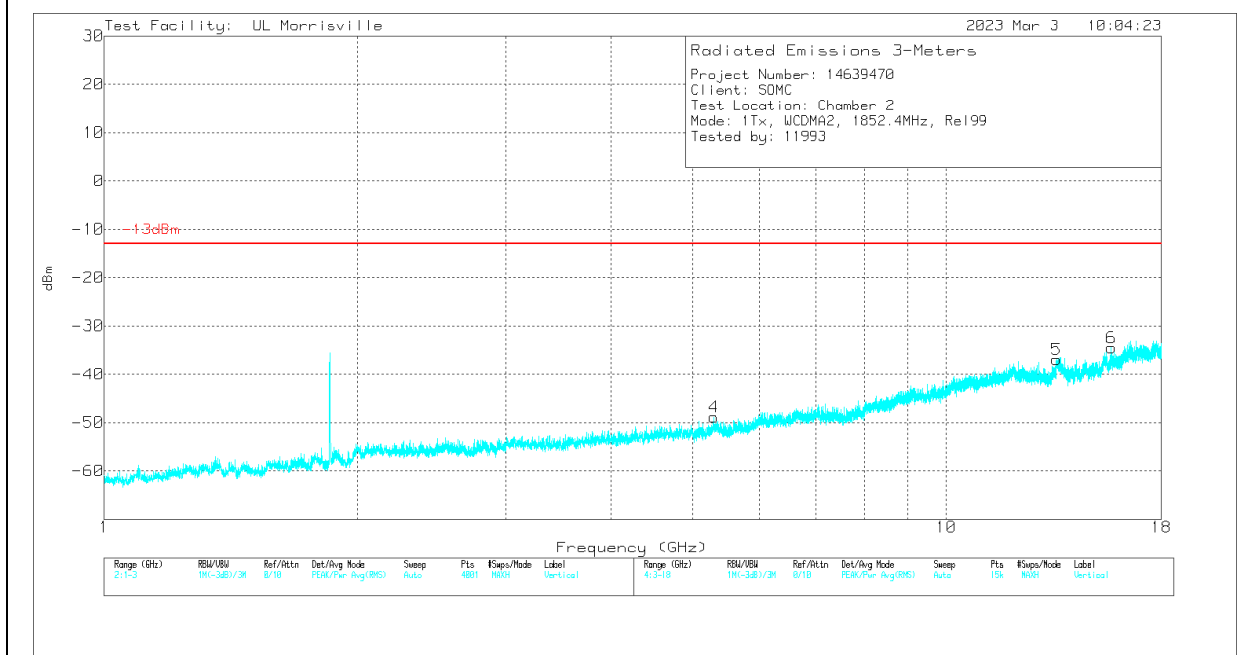
11.1.3. WCDMA2

| | | | | | |
|--------------------------|-------|-------------------|------------|---------------------|------------|
| Test Engineer ID: | 11993 | Test Date: | 2023-03-03 | Sample Used: | QV7700HTFR |
|--------------------------|-------|-------------------|------------|---------------------|------------|

REL 99 LOW CHANNEL



HORIZONTAL



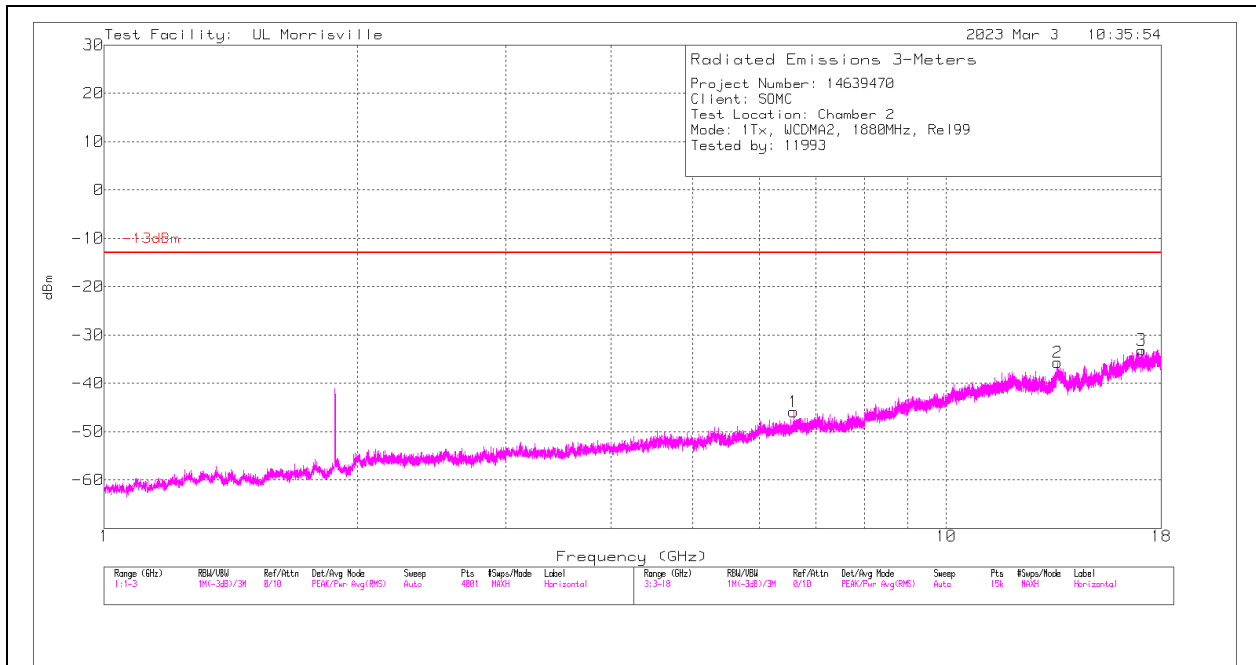
VERTICAL

RADIATED EMISSIONS

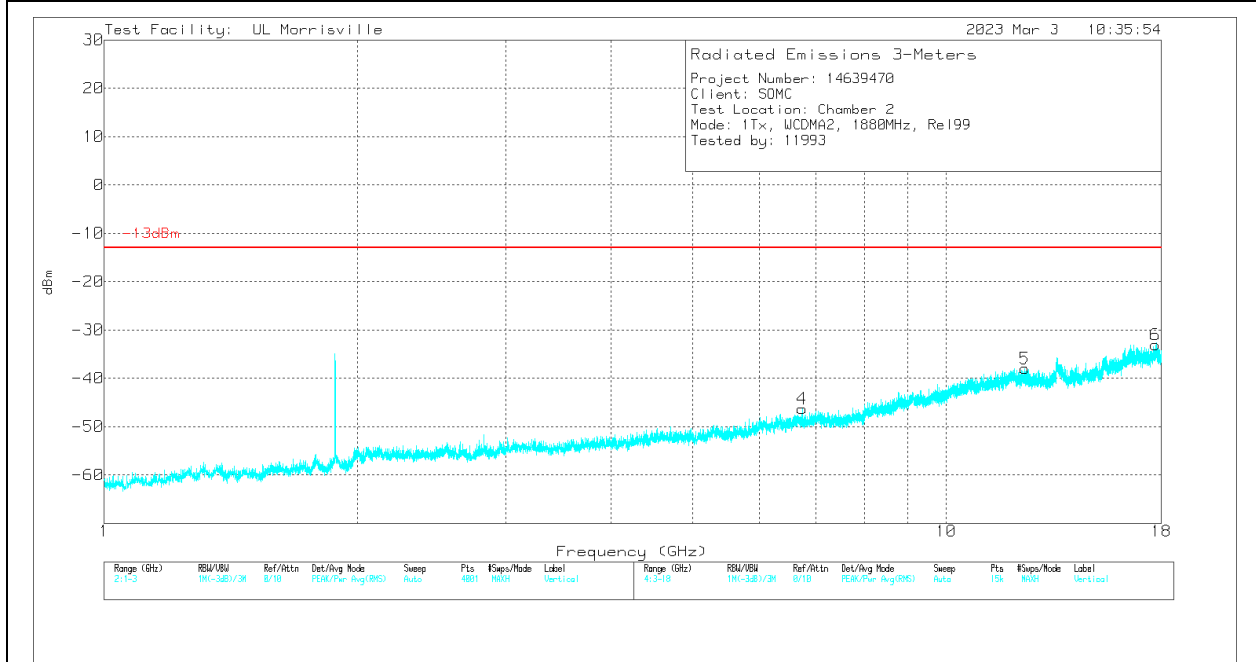
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 206211 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 2.679 | -63.24 | Pk | 31.9 | -33.7 | 11.8 | .4 | -52.84 | -13 | -39.84 | 0-360 | 101 | H |
| 4 | 5.296 | -66.29 | Pk | 34.5 | -28.9 | 11.8 | 0 | -48.89 | -13 | -35.89 | 0-360 | 200 | V |
| 2 | 13.503 | -62.06 | Pk | 38.8 | -23.9 | 11.8 | 0 | -35.36 | -13 | -22.36 | 0-360 | 101 | H |
| 5 | 13.519 | -63.35 | Pk | 38.8 | -24.2 | 11.8 | 0 | -36.95 | -13 | -23.95 | 0-360 | 200 | V |
| 6 | 15.696 | -64.63 | Pk | 40.4 | -22.1 | 11.8 | 0 | -34.53 | -13 | -21.53 | 0-360 | 300 | V |
| 3 | 17.55 | -64.11 | Pk | 41.2 | -21.6 | 11.8 | 0 | -32.71 | -13 | -19.71 | 0-360 | 300 | H |

Pk - Peak detector

REL 99 MID CHANNEL



HORIZONTAL



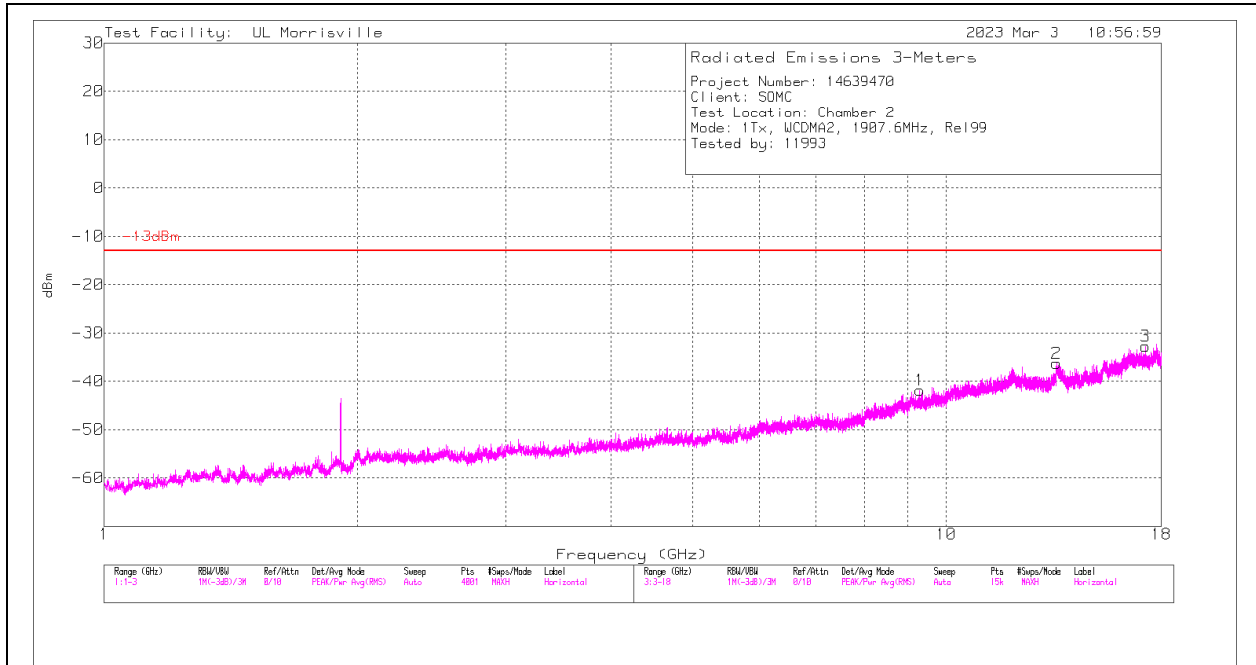
VERTICAL

RADIATED EMISSIONS

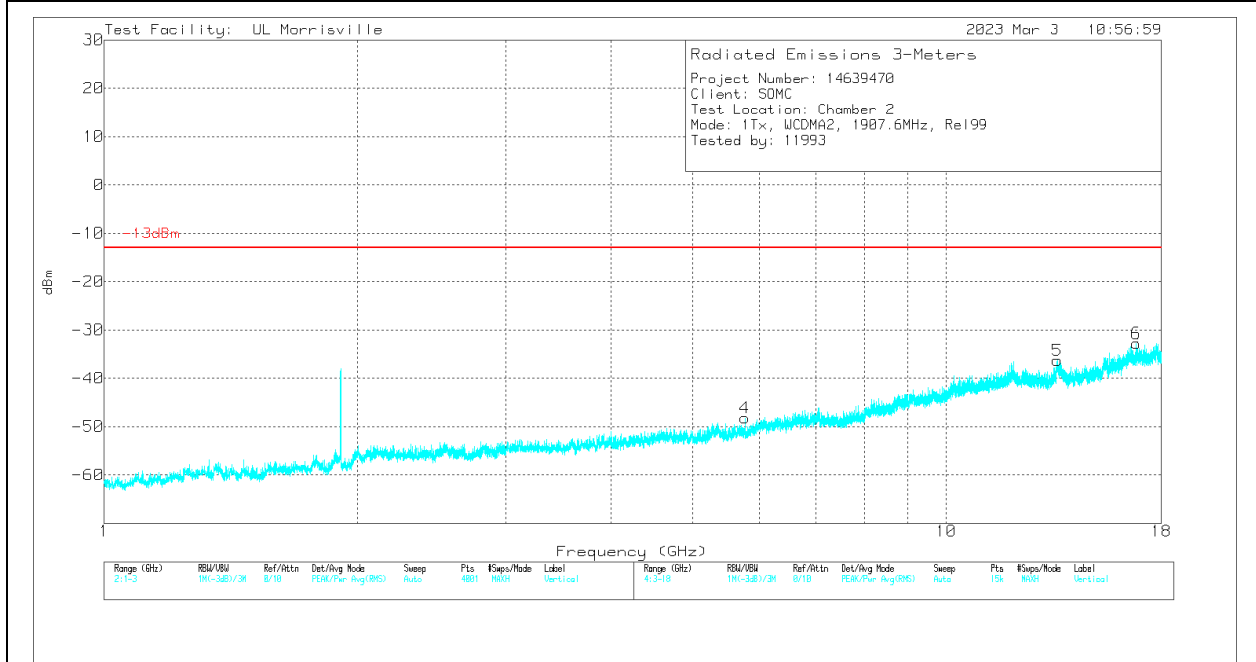
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 206211 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 6.584 | -65.38 | Pk | 35.5 | -27.8 | 11.8 | 0 | -45.88 | -13 | -32.88 | 0-360 | 299 | H |
| 4 | 6.741 | -65.75 | Pk | 35.6 | -28 | 11.8 | 0 | -46.35 | -13 | -33.35 | 0-360 | 101 | V |
| 5 | 12.393 | -65.02 | Pk | 38.8 | -23.6 | 11.8 | 0 | -38.02 | -13 | -25.02 | 0-360 | 200 | V |
| 2 | 13.551 | -62.3 | Pk | 38.8 | -24 | 11.8 | 0 | -35.7 | -13 | -22.7 | 0-360 | 101 | H |
| 3 | 17.054 | -65.27 | Pk | 41.6 | -21.3 | 11.8 | 0 | -33.17 | -13 | -20.17 | 0-360 | 101 | H |
| 6 | 17.704 | -64.79 | Pk | 41.2 | -21.3 | 11.8 | 0 | -33.09 | -13 | -20.09 | 0-360 | 200 | V |

Pk - Peak detector

REL 99 HIGH CHANNEL



HORIZONTAL



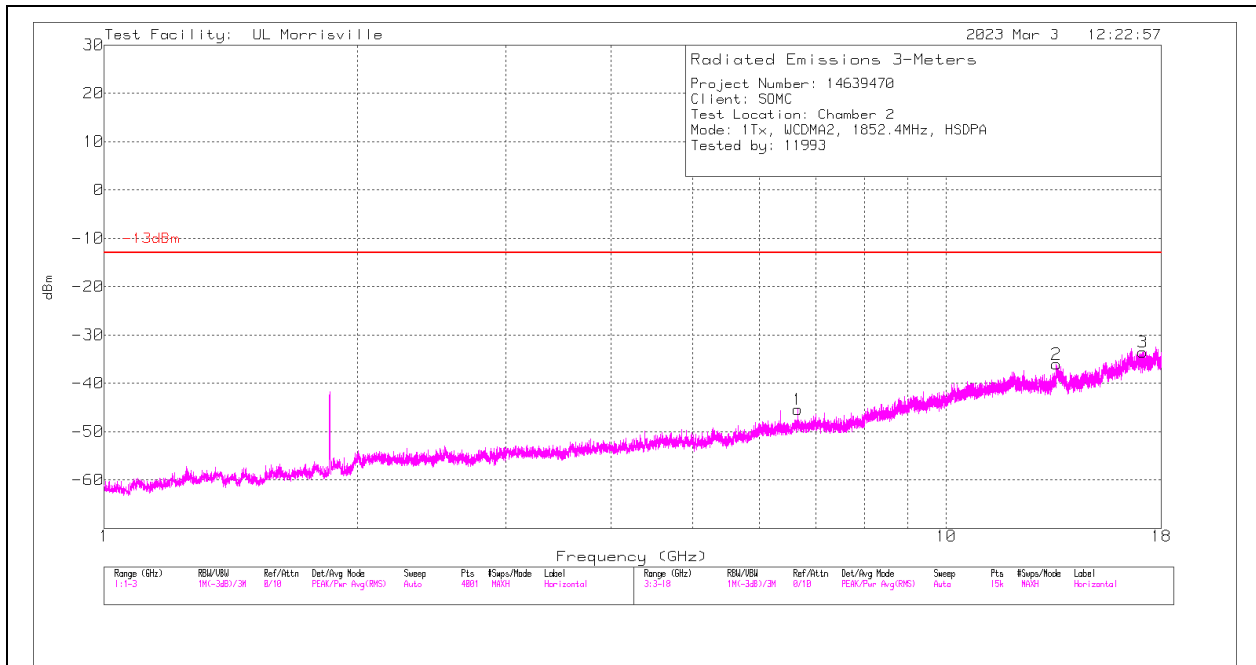
VERTICAL

RADIATED EMISSIONS

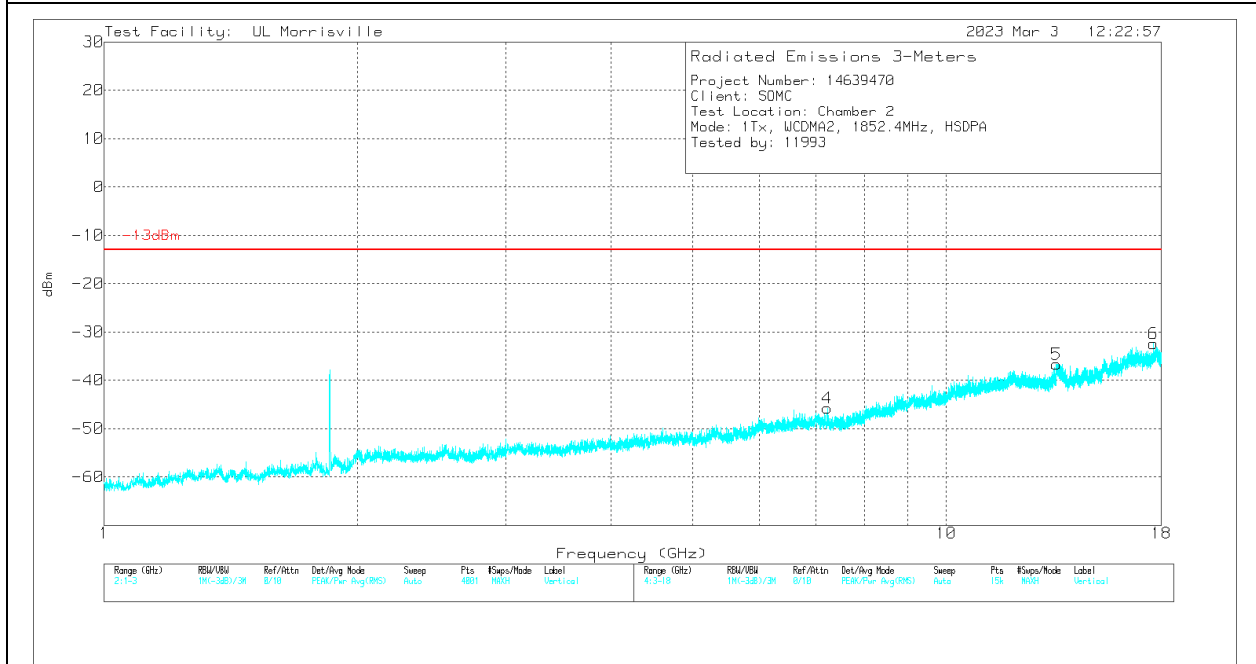
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 206211 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 4 | 5.767 | -64.73 | Pk | 34.6 | -29.9 | 11.8 | 0 | -48.23 | -13 | -35.23 | 0-360 | 200 | V |
| 1 | 9.297 | -64.16 | Pk | 36.4 | -25.9 | 11.8 | 0 | -41.86 | -13 | -28.86 | 0-360 | 101 | H |
| 2 | 13.511 | -62.79 | Pk | 38.8 | -24.1 | 11.8 | 0 | -36.29 | -13 | -23.29 | 0-360 | 300 | H |
| 5 | 13.541 | -62.61 | Pk | 38.8 | -24.3 | 11.8 | 0 | -36.31 | -13 | -23.31 | 0-360 | 101 | V |
| 6 | 16.807 | -64.64 | Pk | 41.8 | -21.8 | 11.8 | 0 | -32.84 | -13 | -19.84 | 0-360 | 300 | V |
| 3 | 17.236 | -63.68 | Pk | 41.2 | -22.1 | 11.8 | 0 | -32.78 | -13 | -19.78 | 0-360 | 300 | H |

Pk - Peak detector

HSDPA LOW CHANNEL



HORIZONTAL



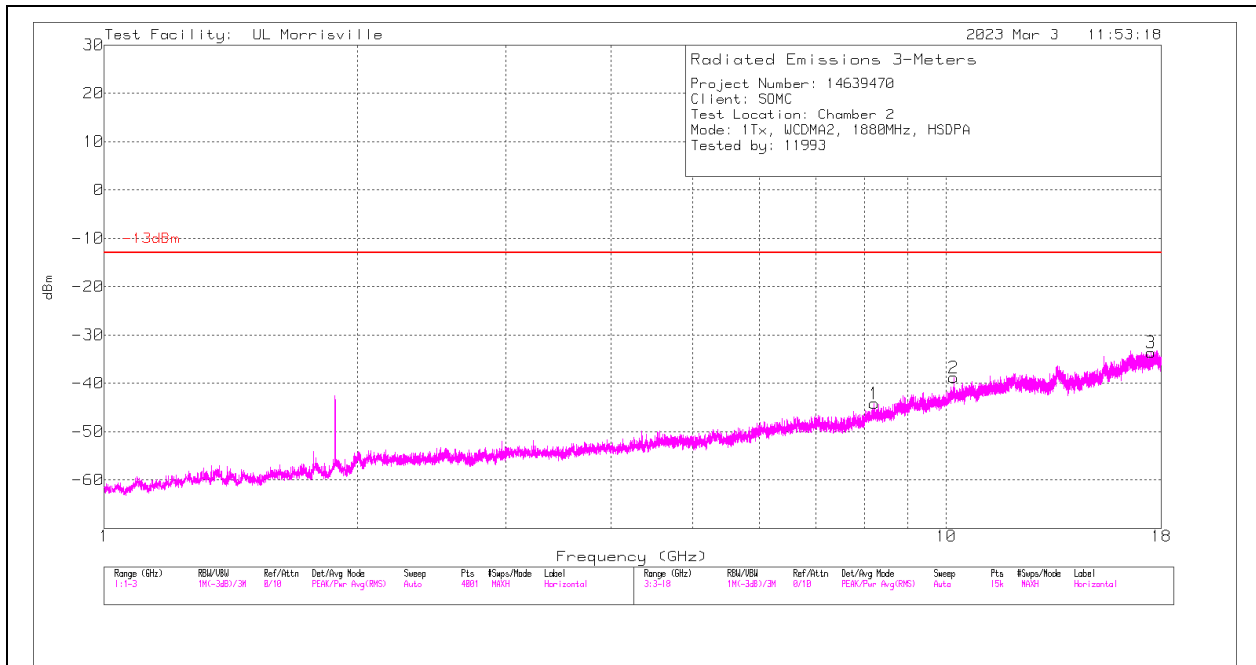
VERTICAL

RADIATED EMISSIONS

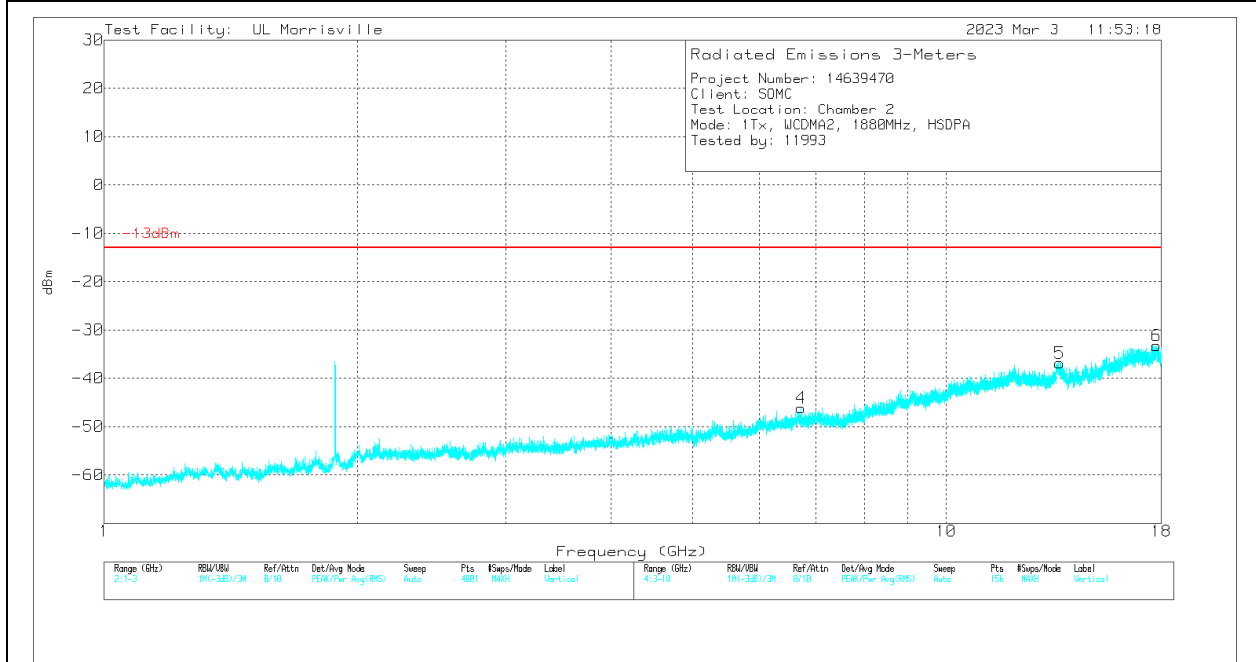
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 206211 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 6.66 | -65.63 | Pk | 35.6 | -27.2 | 11.8 | 0 | -45.43 | -13 | -32.43 | 0-360 | 299 | H |
| 4 | 7.22 | -65.68 | Pk | 35.6 | -27.5 | 11.8 | 0 | -45.78 | -13 | -32.78 | 0-360 | 300 | V |
| 2 | 13.504 | -62.78 | Pk | 38.8 | -23.9 | 11.8 | 0 | -36.08 | -13 | -23.08 | 0-360 | 101 | H |
| 5 | 13.508 | -63.33 | Pk | 38.8 | -24 | 11.8 | 0 | -36.73 | -13 | -23.73 | 0-360 | 300 | V |
| 3 | 17.111 | -64.78 | Pk | 41.4 | -22 | 11.8 | 0 | -33.58 | -13 | -20.58 | 0-360 | 200 | H |
| 6 | 17.606 | -64.71 | Pk | 41.2 | -20.7 | 11.8 | 0 | -32.41 | -13 | -19.41 | 0-360 | 101 | V |

Pk - Peak detector

HSDPA MID CHANNEL



HORIZONTAL



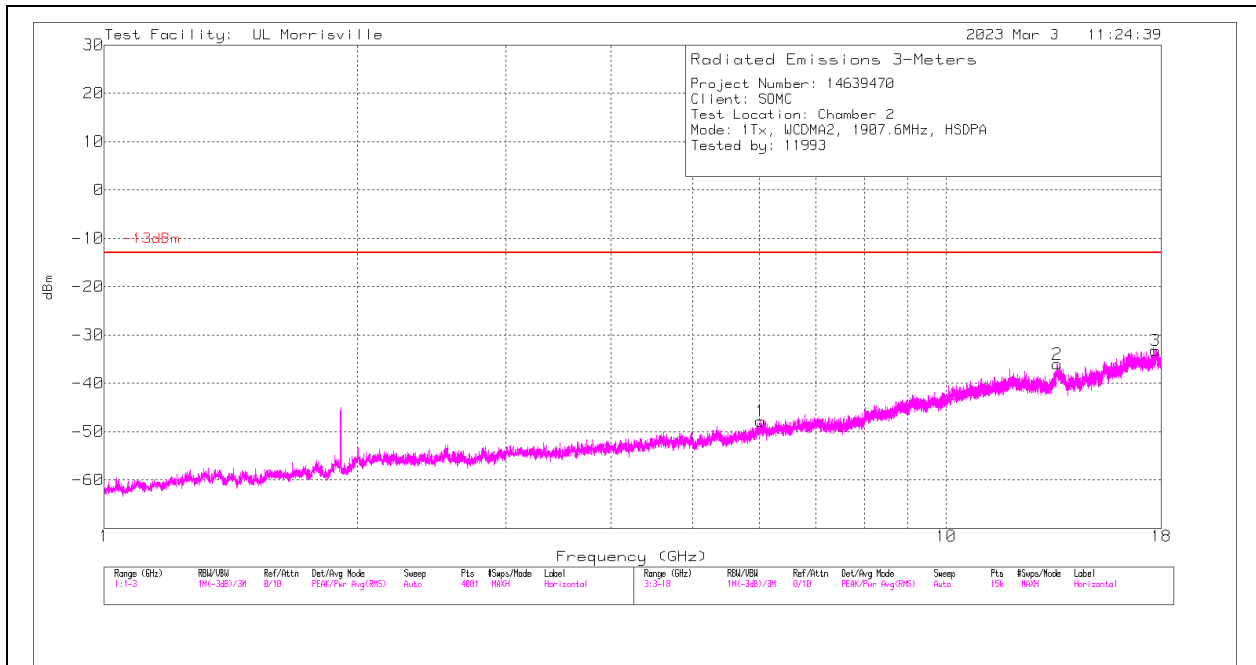
VERTICAL

RADIATED EMISSIONS

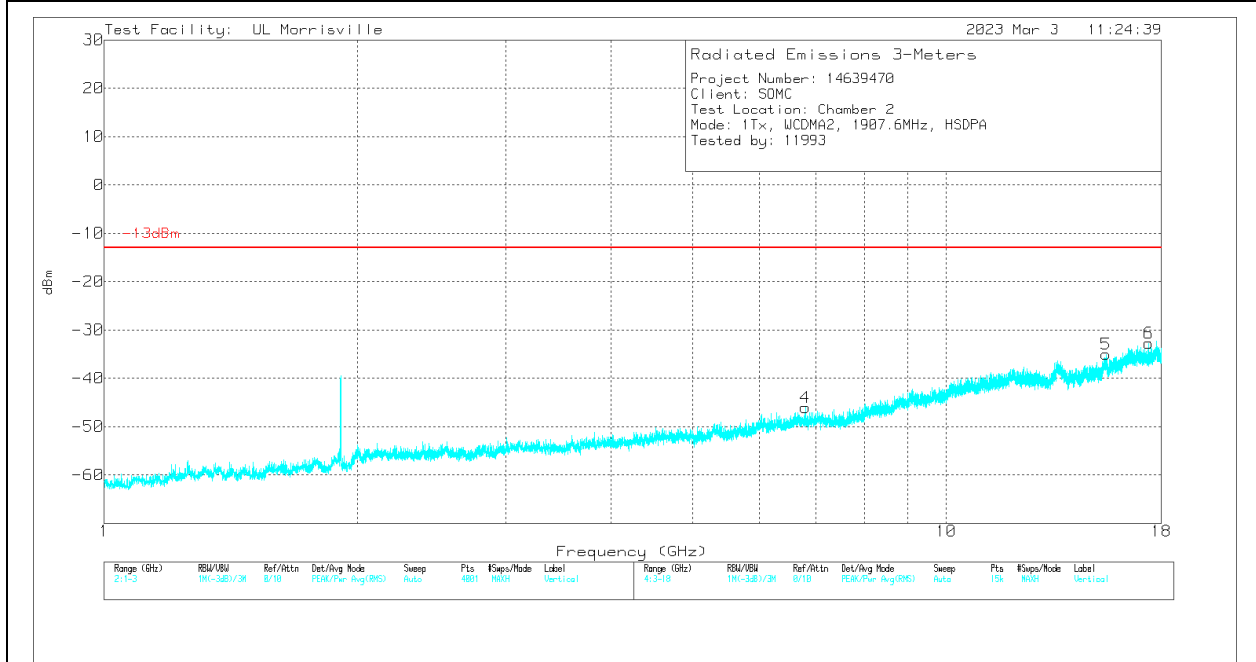
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 206211 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 4 | 6.718 | -65.58 | Pk | 35.6 | -28 | 11.8 | 0 | -46.18 | -13 | -33.18 | 0-360 | 101 | V |
| 1 | 8.211 | -64.61 | Pk | 35.7 | -27.1 | 11.8 | 0 | -44.21 | -13 | -31.21 | 0-360 | 299 | H |
| 2 | 10.2 | -63.66 | Pk | 37.3 | -24.3 | 11.8 | 0 | -38.86 | -13 | -25.86 | 0-360 | 101 | H |
| 5 | 13.628 | -62.6 | Pk | 38.7 | -24.8 | 11.8 | 0 | -36.9 | -13 | -23.9 | 0-360 | 101 | V |
| 3 | 17.498 | -65.16 | Pk | 41.1 | -21.4 | 11.8 | 0 | -33.66 | -13 | -20.66 | 0-360 | 299 | H |
| 6 | 17.767 | -65.55 | Pk | 41.2 | -20.7 | 11.8 | 0 | -33.25 | -13 | -20.25 | 0-360 | 299 | V |

Pk - Peak detector

HSDPA HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

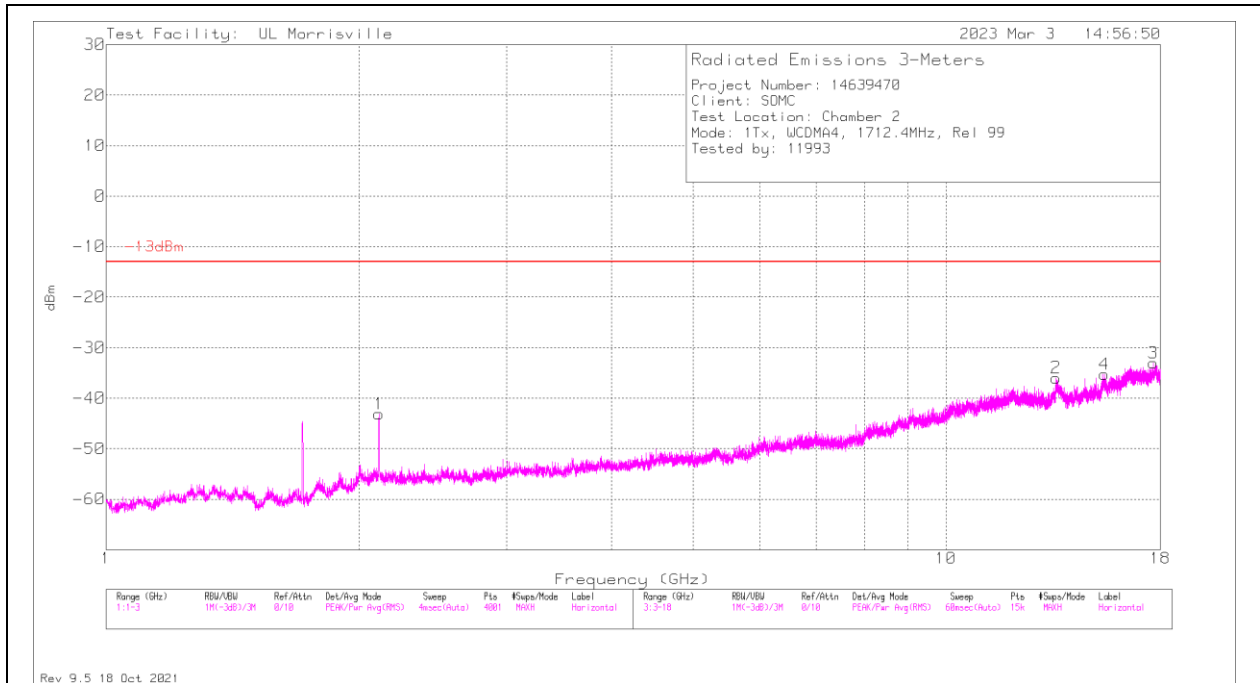
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 206211 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 6.014 | -67.17 | Pk | 35.1 | -27.6 | 11.8 | 0 | -47.87 | -13 | -34.87 | 0-360 | 200 | H |
| 4 | 6.801 | -65.35 | Pk | 35.6 | -28.1 | 11.8 | 0 | -46.05 | -13 | -33.05 | 0-360 | 101 | V |
| 2 | 13.537 | -62.27 | Pk | 38.8 | -24.4 | 11.8 | 0 | -36.07 | -13 | -23.07 | 0-360 | 200 | H |
| 5 | 15.469 | -65.44 | Pk | 40.2 | -21.6 | 11.8 | 0 | -35.04 | -13 | -22.04 | 0-360 | 300 | V |
| 6 | 17.386 | -63.56 | Pk | 41.1 | -22.1 | 11.8 | 0 | -32.76 | -13 | -19.76 | 0-360 | 300 | V |
| 3 | 17.714 | -64.89 | Pk | 41.2 | -21.3 | 11.8 | 0 | -33.19 | -13 | -20.19 | 0-360 | 101 | H |

Pk - Peak detector

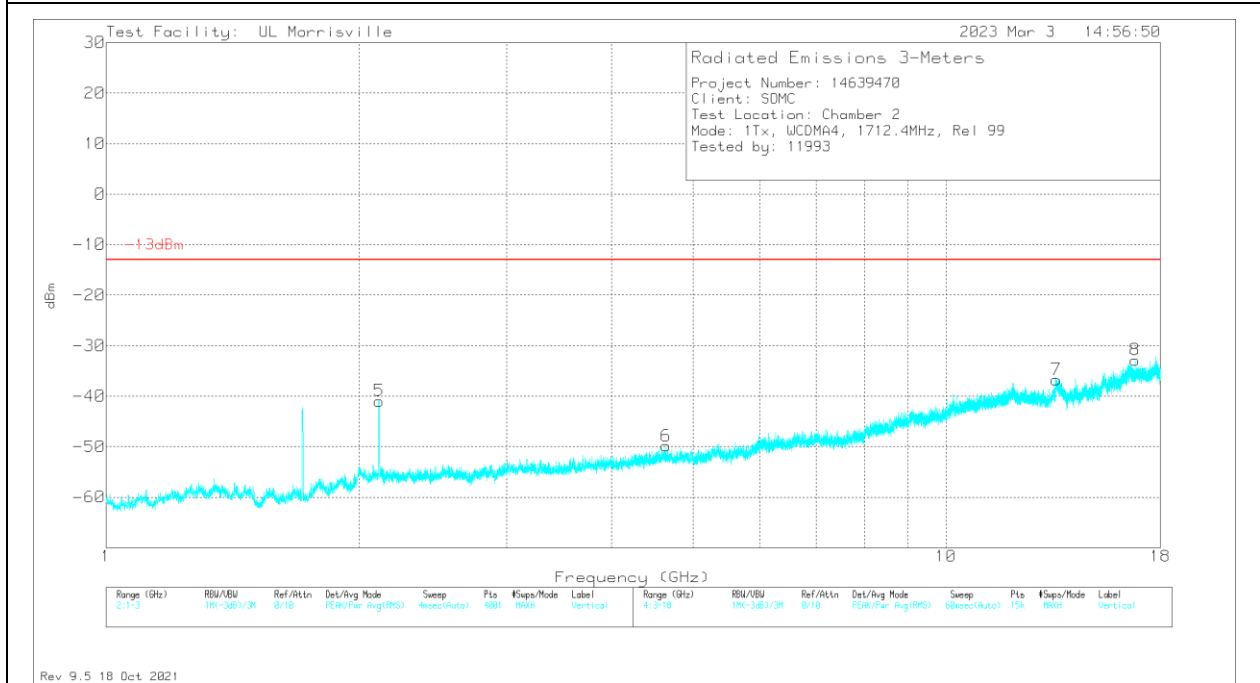
11.1.4. WCDMA4

| | | | | | |
|--------------------------|-------|-------------------|------------|---------------------|------------|
| Test Engineer ID: | 11993 | Test Date: | 2023-03-03 | Sample Used: | QV7700HTFR |
|--------------------------|-------|-------------------|------------|---------------------|------------|

REL 99 LOW CHANNEL



HORIZONTAL



VERTICAL

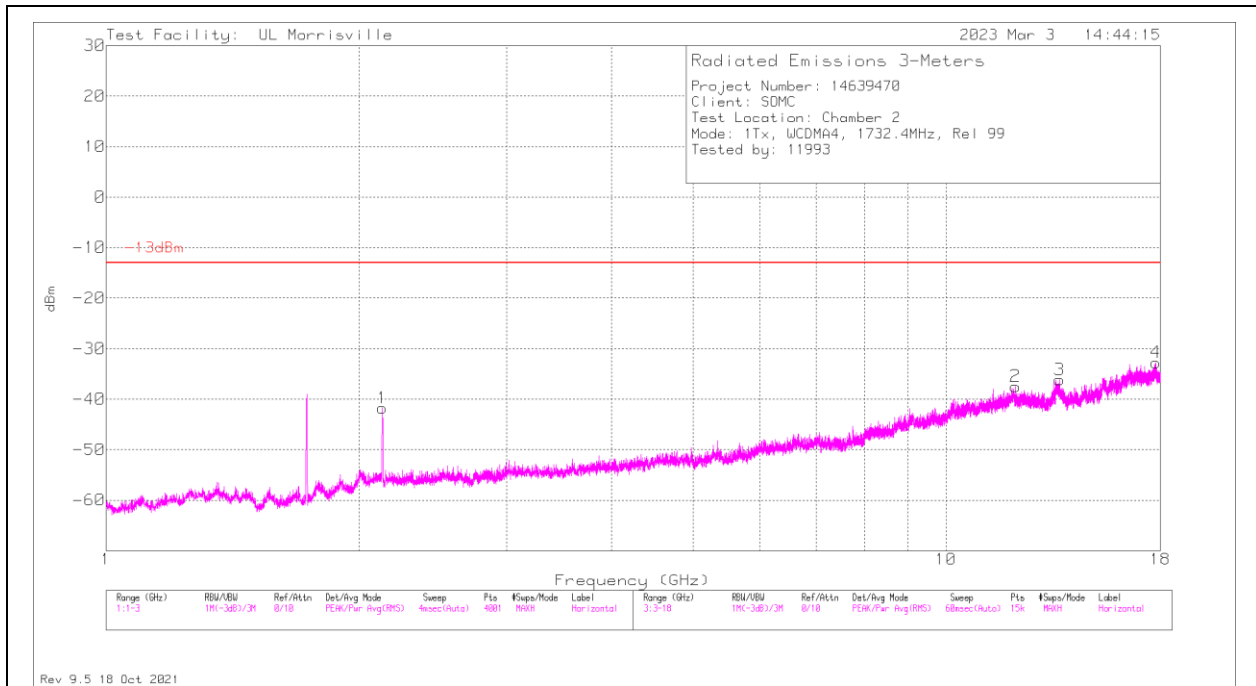
RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 206211 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 2.1125 (DL) | -53.61 | Pk | 31.4 | -33.9 | 11.8 | 1.2 | -43.11 | - | - | 0-360 | 101 | H |
| 5 | 2.113 (DL) | -51.44 | Pk | 31.4 | -33.9 | 11.8 | 1.2 | -40.94 | - | - | 0-360 | 101 | V |
| 6 | 4.645 | -64.65 | Pk | 34.2 | -31.2 | 11.8 | 0 | -49.85 | -13 | -36.85 | 0-360 | 300 | V |
| 2 | 13.518 | -62.38 | Pk | 38.8 | -24.2 | 11.8 | 0 | -35.98 | -13 | -22.98 | 0-360 | 101 | H |
| 7 | 13.533 | -63.04 | Pk | 38.8 | -24.3 | 11.8 | 0 | -36.74 | -13 | -23.74 | 0-360 | 101 | V |
| 4 | 15.446 | -65.8 | Pk | 40.2 | -21.5 | 11.8 | 0 | -35.3 | -13 | -22.3 | 0-360 | 199 | H |
| 8 | 16.807 | -64.64 | Pk | 41.8 | -21.8 | 11.8 | 0 | -32.84 | -13 | -19.84 | 0-360 | 101 | V |
| 3 | 17.652 | -64.64 | Pk | 41.2 | -21.4 | 11.8 | 0 | -33.04 | -13 | -20.04 | 0-360 | 199 | H |

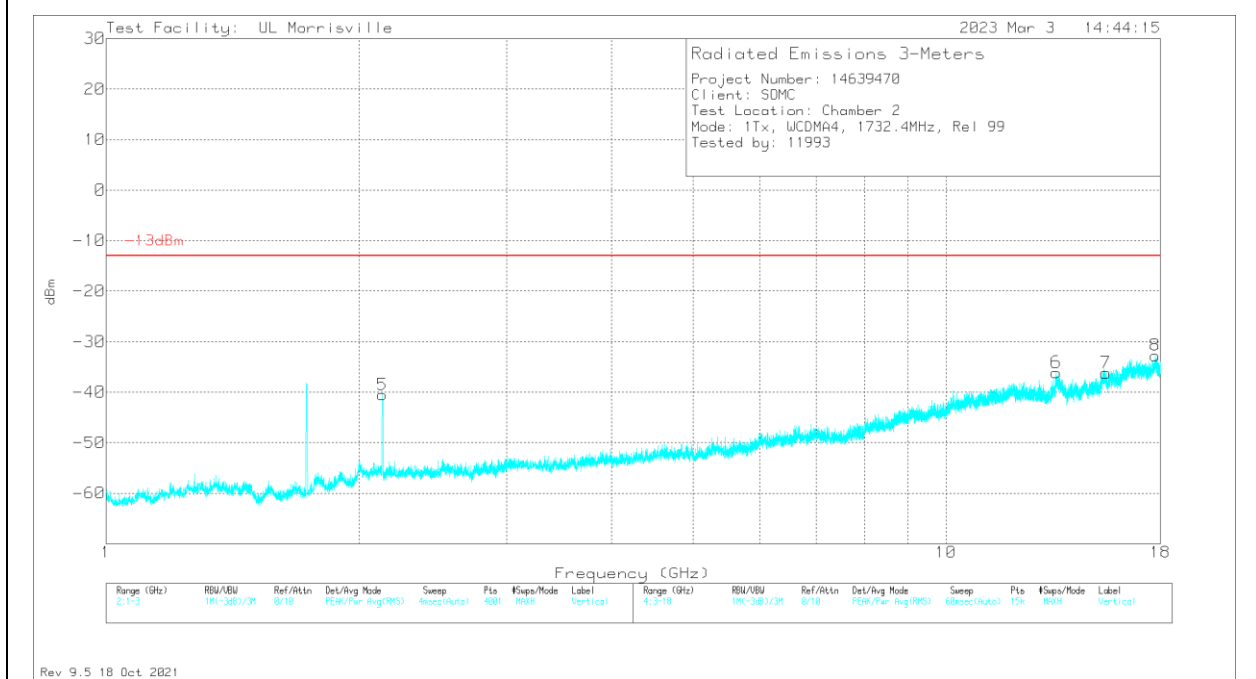
Pk - Peak detector

DL – Downlink from Callbox

REL 99 MID CHANNEL



HORIZONTAL



VERTICAL

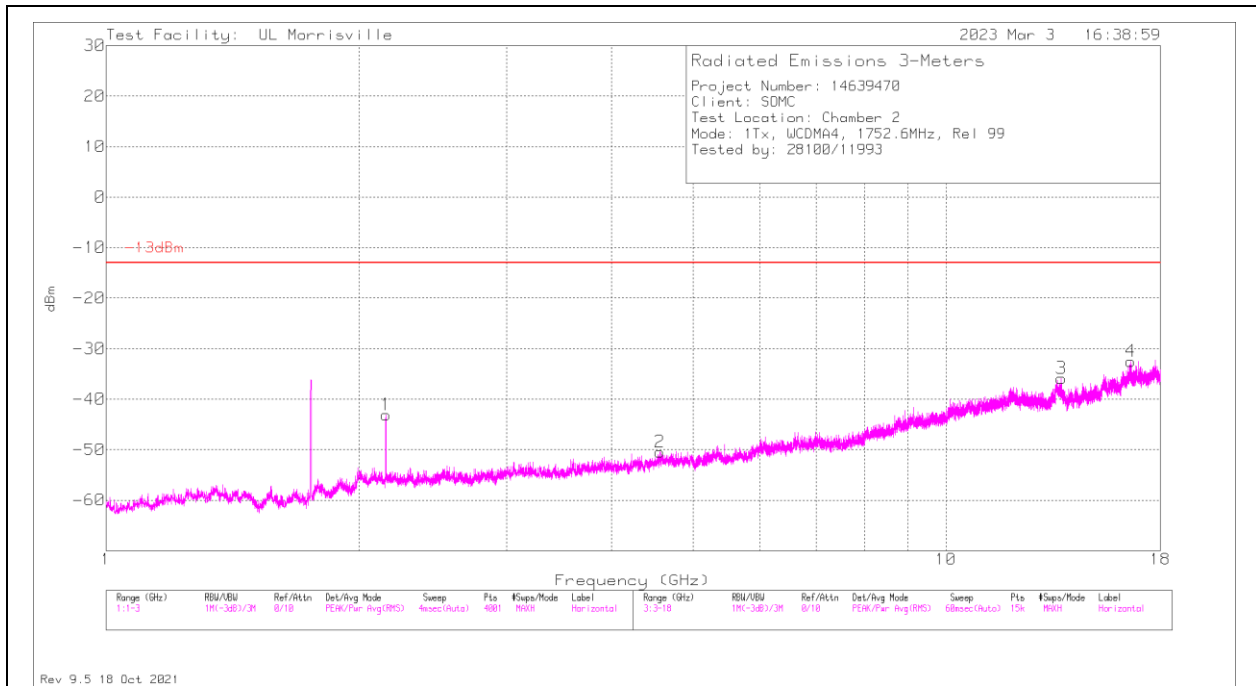
RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 206211 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 2.1325 (DL) | -51.97 | Pk | 31.4 | -34.2 | 11.8 | 1.2 | -41.77 | - | - | 0-360 | 101 | H |
| 5 | 2.1325 (DL) | -50.73 | Pk | 31.4 | -34.2 | 11.8 | 1.2 | -40.53 | - | - | 0-360 | 200 | V |
| 2 | 12.1 | -64.47 | Pk | 38.7 | -23.5 | 11.8 | 0 | -37.47 | -13 | -24.47 | 0-360 | 300 | H |
| 6 | 13.533 | -62.39 | Pk | 38.8 | -24.3 | 11.8 | 0 | -36.09 | -13 | -23.09 | 0-360 | 300 | V |
| 3 | 13.654 | -62.67 | Pk | 38.7 | -24 | 11.8 | 0 | -36.17 | -13 | -23.17 | 0-360 | 199 | H |
| 7 | 15.507 | -65.88 | Pk | 40.2 | -22.3 | 11.8 | 0 | -36.18 | -13 | -23.18 | 0-360 | 200 | V |
| 8 | 17.743 | -64.72 | Pk | 41.2 | -21 | 11.8 | 0 | -32.72 | -13 | -19.72 | 0-360 | 300 | V |
| 4 | 17.79 | -65.03 | Pk | 41.2 | -20.7 | 11.8 | 0 | -32.73 | -13 | -19.73 | 0-360 | 199 | H |

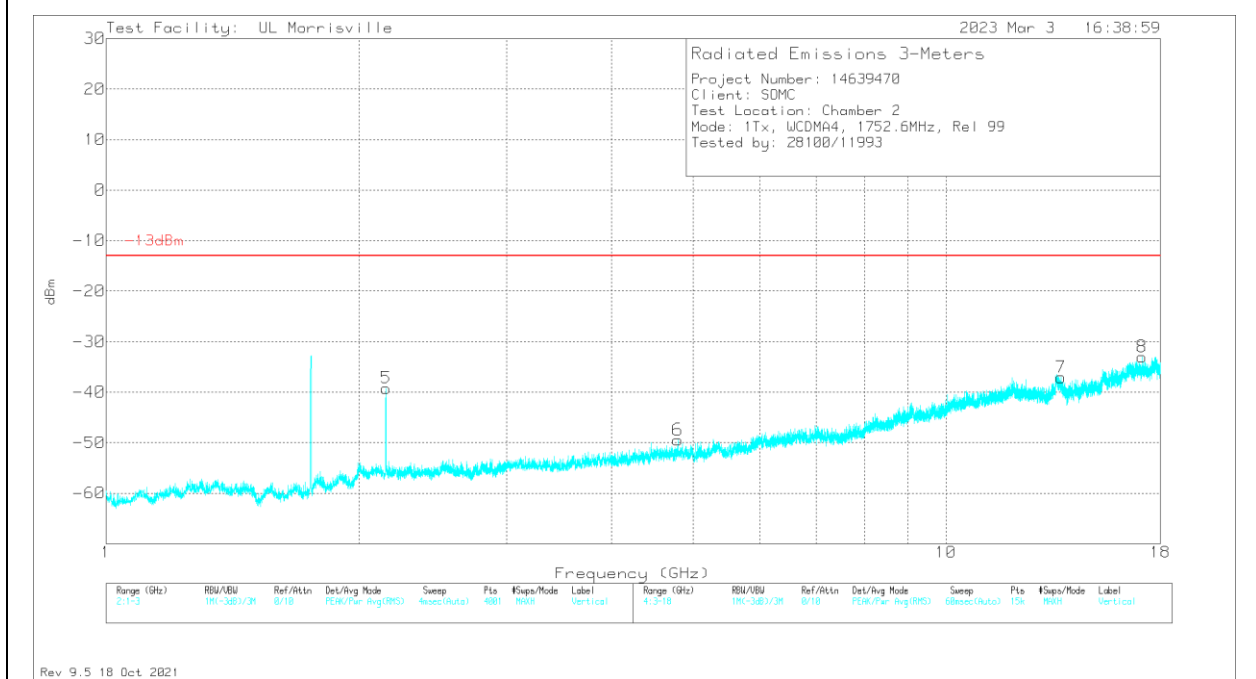
Pk - Peak detector

DL – Downlink from Callbox

REL 99 HIGH CHANNEL



HORIZONTAL



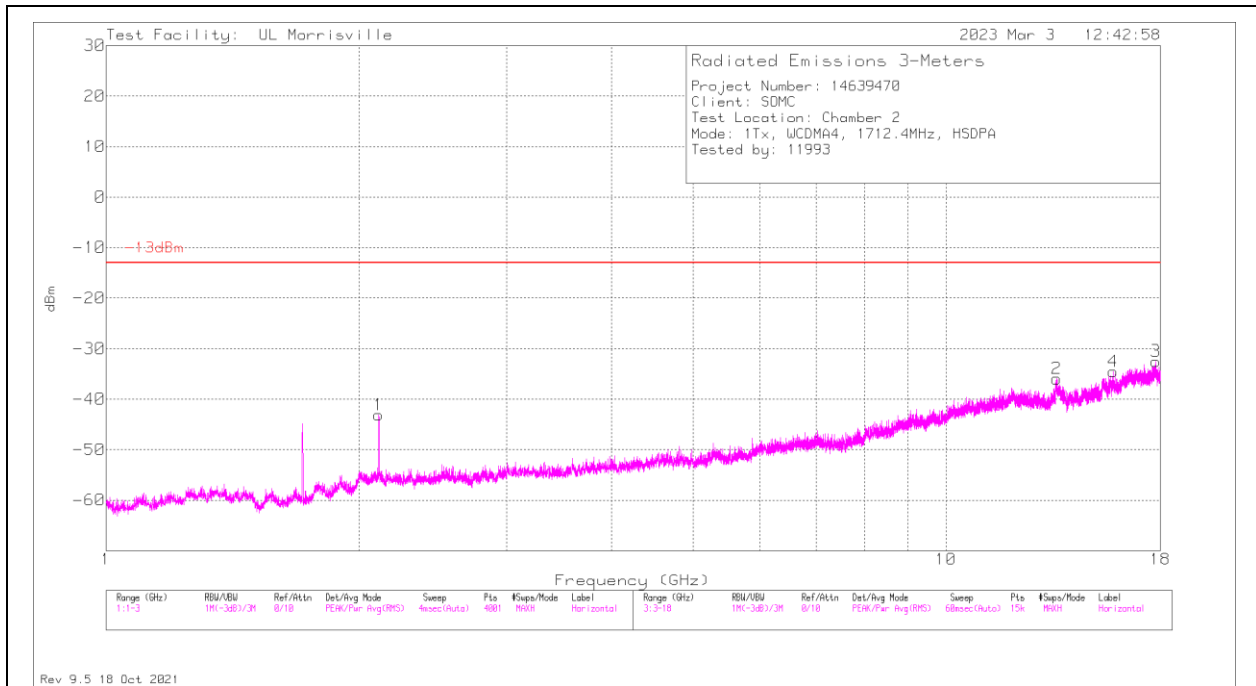
VERTICAL

RADIATED EMISSIONS

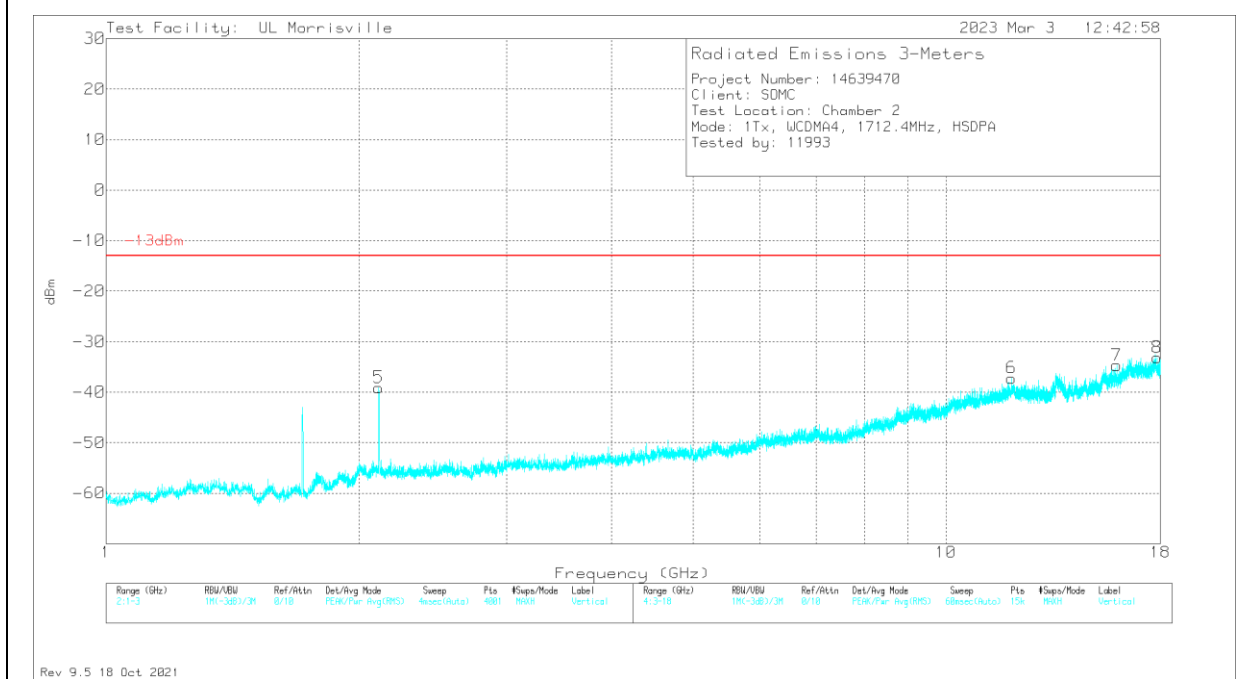
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 206211 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 5 | 2.1535 (DL) | -49.4 | Pk | 31.5 | -34.2 | 11.8 | 1.1 | -39.2 | - | - | 0-360 | 101 | V |
| 1 | 2.154 (DL) | -53.28 | Pk | 31.5 | -34.2 | 11.8 | 1.1 | -43.08 | - | - | 0-360 | 101 | H |
| 2 | 4.564 | -65.55 | Pk | 34.1 | -30.8 | 11.8 | 0 | -50.45 | -13 | -37.45 | 0-360 | 200 | H |
| 6 | 4.794 | -64.64 | Pk | 34 | -30.6 | 11.8 | 0 | -49.44 | -13 | -36.44 | 0-360 | 200 | V |
| 7 | 13.707 | -63.35 | Pk | 38.7 | -24.2 | 11.8 | 0 | -37.05 | -13 | -24.05 | 0-360 | 200 | V |
| 3 | 13.721 | -62.27 | Pk | 38.7 | -24.1 | 11.8 | 0 | -35.87 | -13 | -22.87 | 0-360 | 101 | H |
| 4 | 16.602 | -63.28 | Pk | 41.5 | -22.5 | 11.8 | 0 | -32.48 | -13 | -19.48 | 0-360 | 101 | H |
| 8 | 17.123 | -64.61 | Pk | 41.4 | -21.6 | 11.8 | 0 | -33.01 | -13 | -20.01 | 0-360 | 200 | V |

Pk - Peak detector

HSDPA LOW CHANNEL



HORIZONTAL



VERTICAL

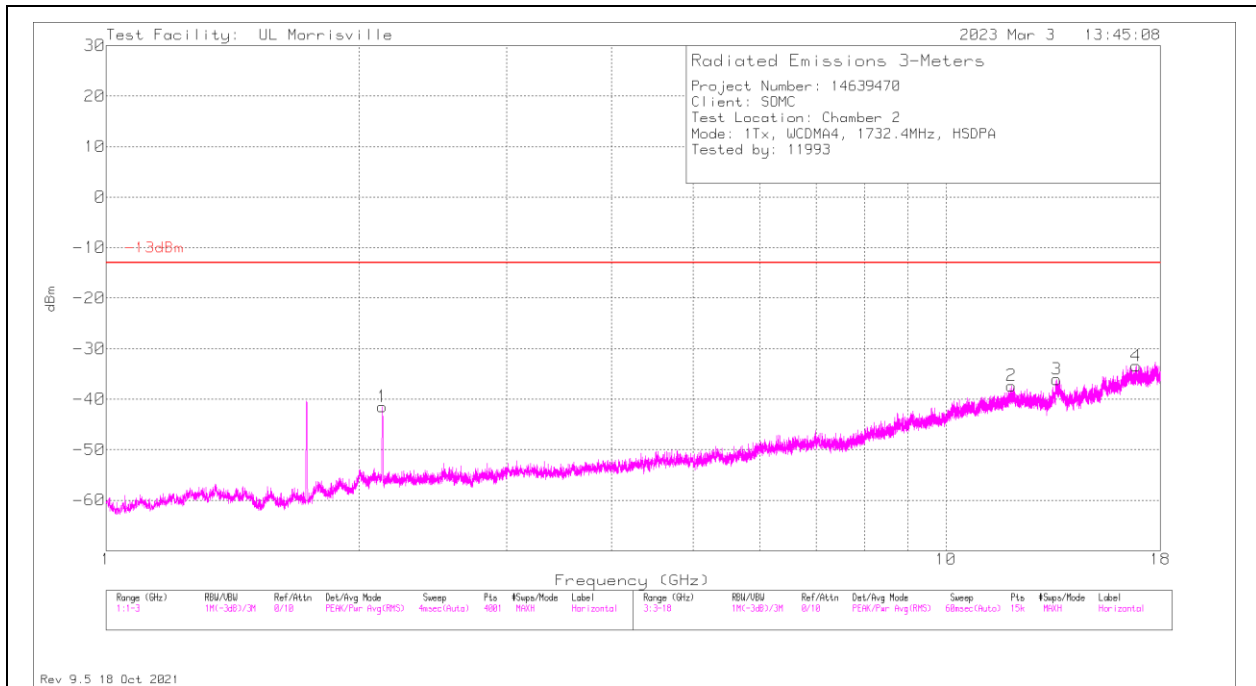
RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 206211 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 5 | 2.111 (DL) | -49.59 | Pk | 31.4 | -33.9 | 11.8 | 1.2 | -39.09 | - | - | 0-360 | 101 | V |
| 1 | 2.1115 (DL) | -53.61 | Pk | 31.4 | -33.9 | 11.8 | 1.2 | -43.11 | - | - | 0-360 | 101 | H |
| 6 | 11.974 | -64.5 | Pk | 38.6 | -23.1 | 11.8 | 0 | -37.2 | -13 | -24.2 | 0-360 | 200 | V |
| 2 | 13.549 | -62.53 | Pk | 38.8 | -24 | 11.8 | 0 | -35.93 | -13 | -22.93 | 0-360 | 101 | H |
| 4 | 15.812 | -65.24 | Pk | 40.6 | -21.7 | 11.8 | 0 | -34.54 | -13 | -21.54 | 0-360 | 101 | H |
| 7 | 15.969 | -64.18 | Pk | 40.7 | -23 | 11.8 | 0 | -34.68 | -13 | -21.68 | 0-360 | 101 | V |
| 3 | 17.775 | -65.32 | Pk | 41.2 | -20.2 | 11.8 | 0 | -32.52 | -13 | -19.52 | 0-360 | 299 | H |
| 8 | 17.84 | -65.73 | Pk | 41.2 | -20.4 | 11.8 | 0 | -33.13 | -13 | -20.13 | 0-360 | 300 | V |

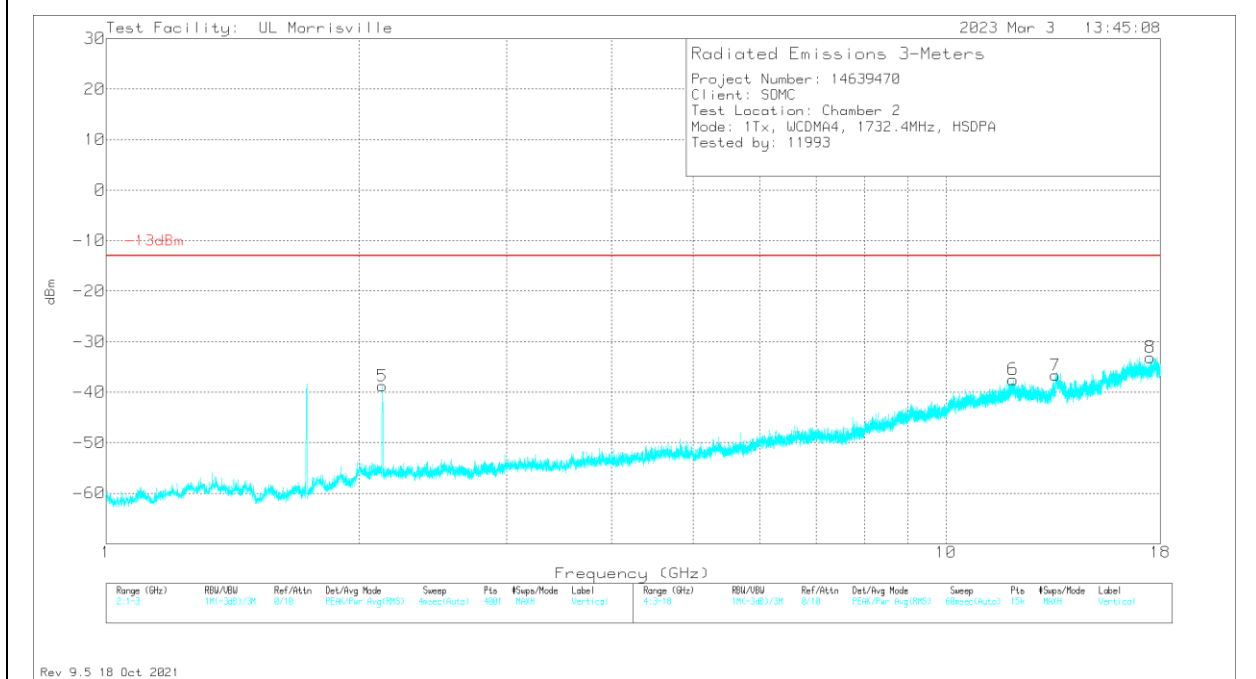
Pk - Peak detector

DL – Downlink from callbox

HSDPA MID CHANNEL



HORIZONTAL



VERTICAL

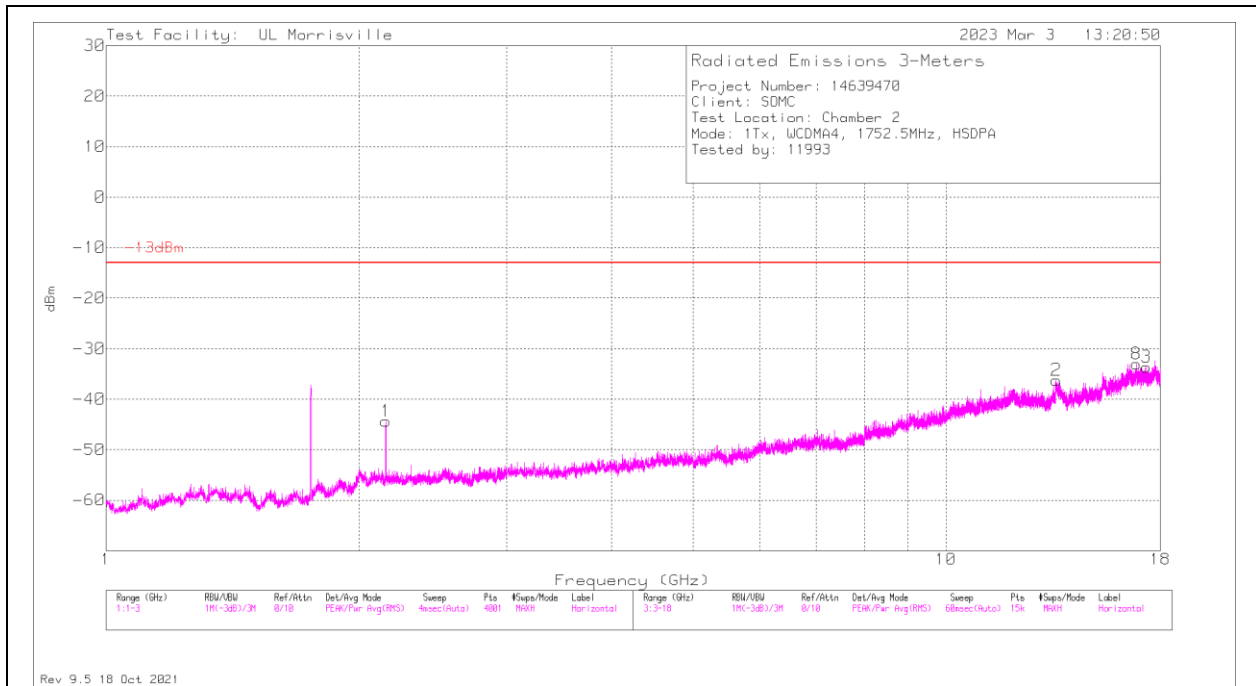
RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 206211 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 2.1315 (DL) | -51.79 | Pk | 31.4 | -34.1 | 11.8 | 1.2 | -41.49 | - | - | 0-360 | 101 | H |
| 5 | 2.1315 (DL) | -49.06 | Pk | 31.4 | -34.1 | 11.8 | 1.2 | -38.76 | - | - | 0-360 | 200 | V |
| 2 | 11.964 | -64.33 | Pk | 38.5 | -23.3 | 11.8 | 0 | -37.33 | -13 | -24.33 | 0-360 | 101 | H |
| 6 | 12.019 | -65.16 | Pk | 38.6 | -22.7 | 11.8 | 0 | -37.46 | -13 | -24.46 | 0-360 | 300 | V |
| 7 | 13.504 | -63.34 | Pk | 38.8 | -23.9 | 11.8 | 0 | -36.64 | -13 | -23.64 | 0-360 | 200 | V |
| 3 | 13.549 | -62.67 | Pk | 38.8 | -24 | 11.8 | 0 | -36.07 | -13 | -23.07 | 0-360 | 199 | H |
| 4 | 16.843 | -65.11 | Pk | 41.9 | -22 | 11.8 | 0 | -33.41 | -13 | -20.41 | 0-360 | 199 | H |
| 8 | 17.514 | -64.42 | Pk | 41.1 | -21.6 | 11.8 | 0 | -33.12 | -13 | -20.12 | 0-360 | 200 | V |

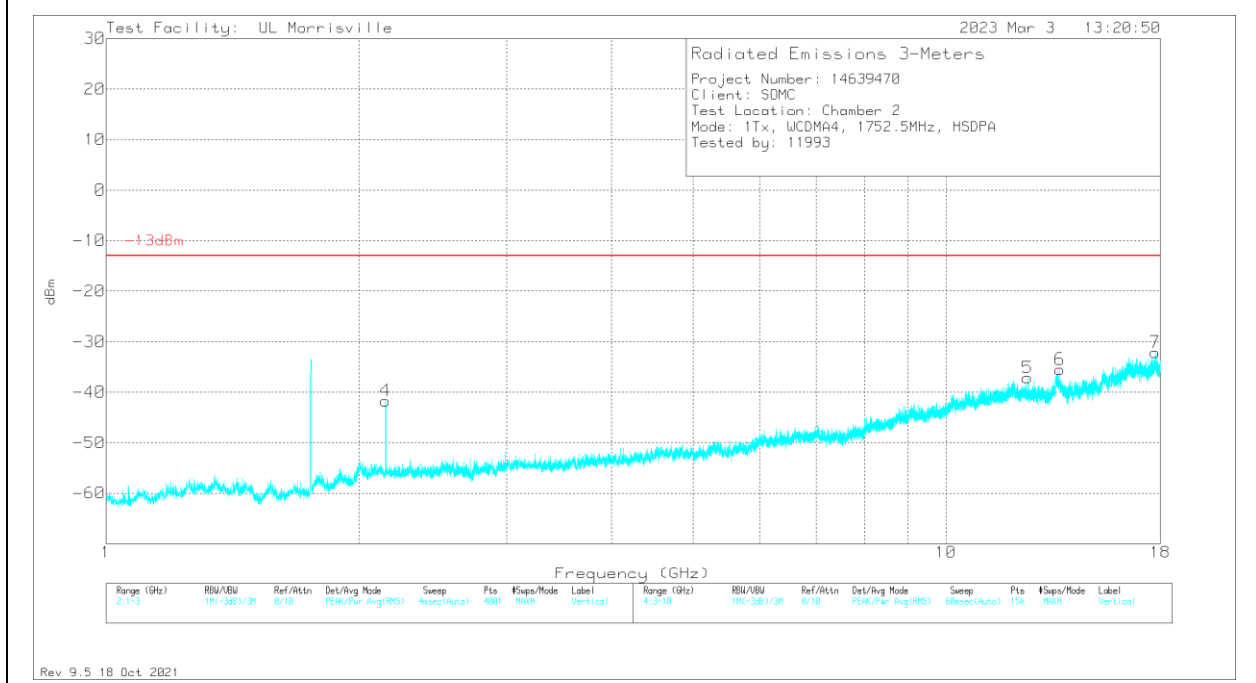
Pk - Peak detector

DL – Downlink from Callbox

HSDPA HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 206211 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 4 | 2.152 (DL) | -51.91 | Pk | 31.5 | -34.2 | 11.8 | 1.1 | -41.71 | - | - | 0-360 | 101 | V |
| 1 | 2.153 (DL) | -54.55 | Pk | 31.5 | -34.2 | 11.8 | 1.1 | -44.35 | - | - | 0-360 | 101 | H |
| 5 | 12.507 | -63.55 | Pk | 39 | -24.4 | 11.8 | 0 | -37.15 | -13 | -24.15 | 0-360 | 101 | V |
| 2 | 13.534 | -62.55 | Pk | 38.8 | -24.3 | 11.8 | 0 | -36.25 | -13 | -23.25 | 0-360 | 300 | H |
| 6 | 13.668 | -61.91 | Pk | 38.7 | -24.1 | 11.8 | 0 | -35.51 | -13 | -22.51 | 0-360 | 101 | V |
| 8 | 16.847 | -64.82 | Pk | 41.9 | -21.9 | 11.8 | 0 | -33.02 | -13 | -20.02 | 0-360 | 200 | H |
| 3 | 17.339 | -64.5 | Pk | 41.1 | -22 | 11.8 | 0 | -33.6 | -13 | -20.6 | 0-360 | 101 | H |
| 7 | 17.749 | -64.34 | Pk | 41.2 | -20.8 | 11.8 | 0 | -32.14 | -13 | -19.14 | 0-360 | 101 | V |

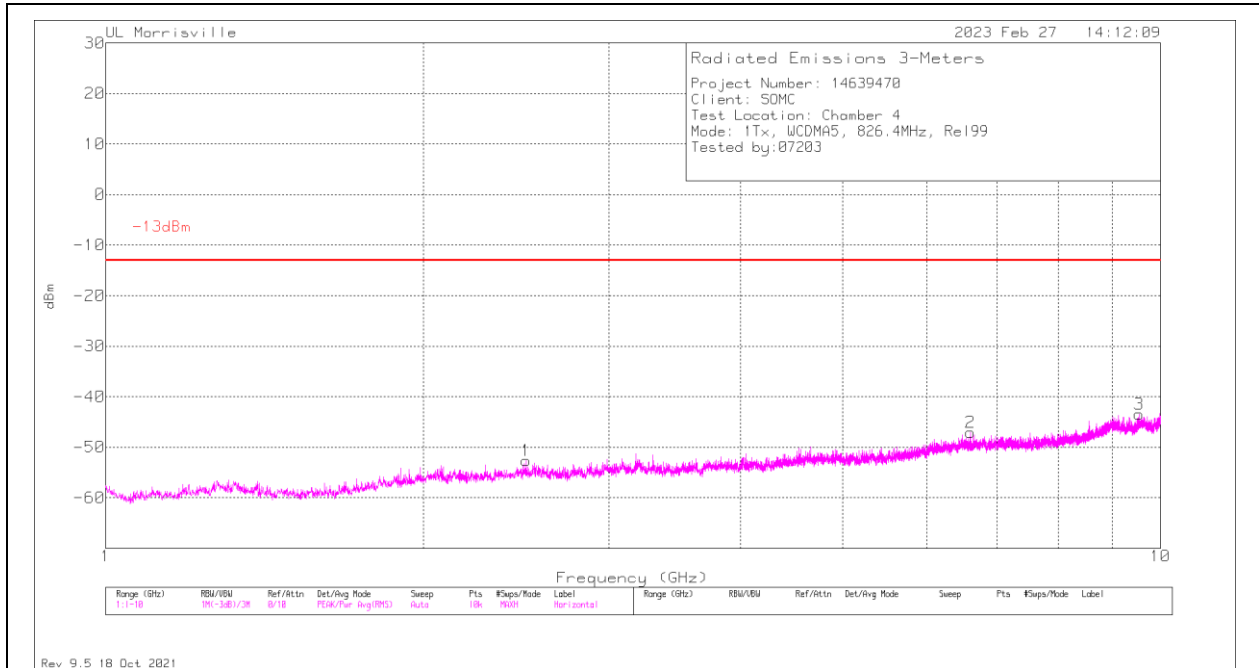
Pk - Peak detector

DL – Downlink from Callbox

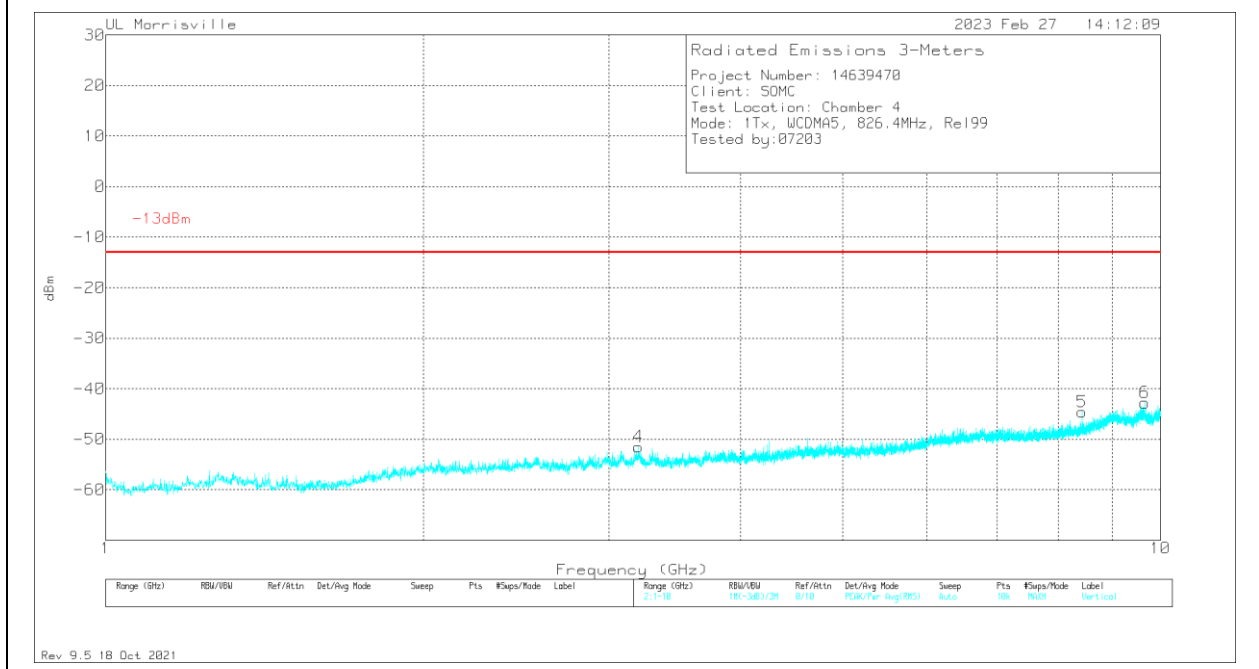
11.1.5. WCDMA5

| | | | | | |
|--------------------------|----------------------|-------------------|--------------------------|---------------------|--------------------------|
| Test Engineer ID: | 07203 84740/11993 | Test Date: | 2023-02-27 2023-03-02 | Sample Used: | QV7700HTFR QV77003JFR |
|--------------------------|----------------------|-------------------|--------------------------|---------------------|--------------------------|

REL 99 LOW CHANNEL



HORIZONTAL



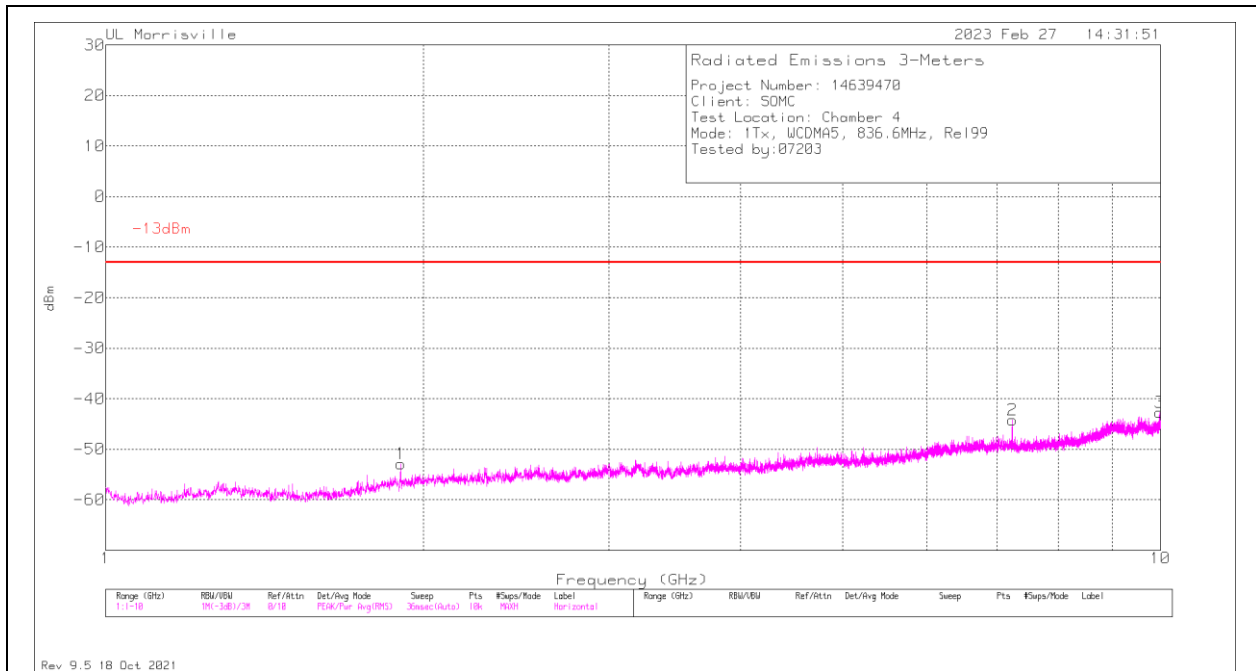
VERTICAL

RADIATED EMISSIONS

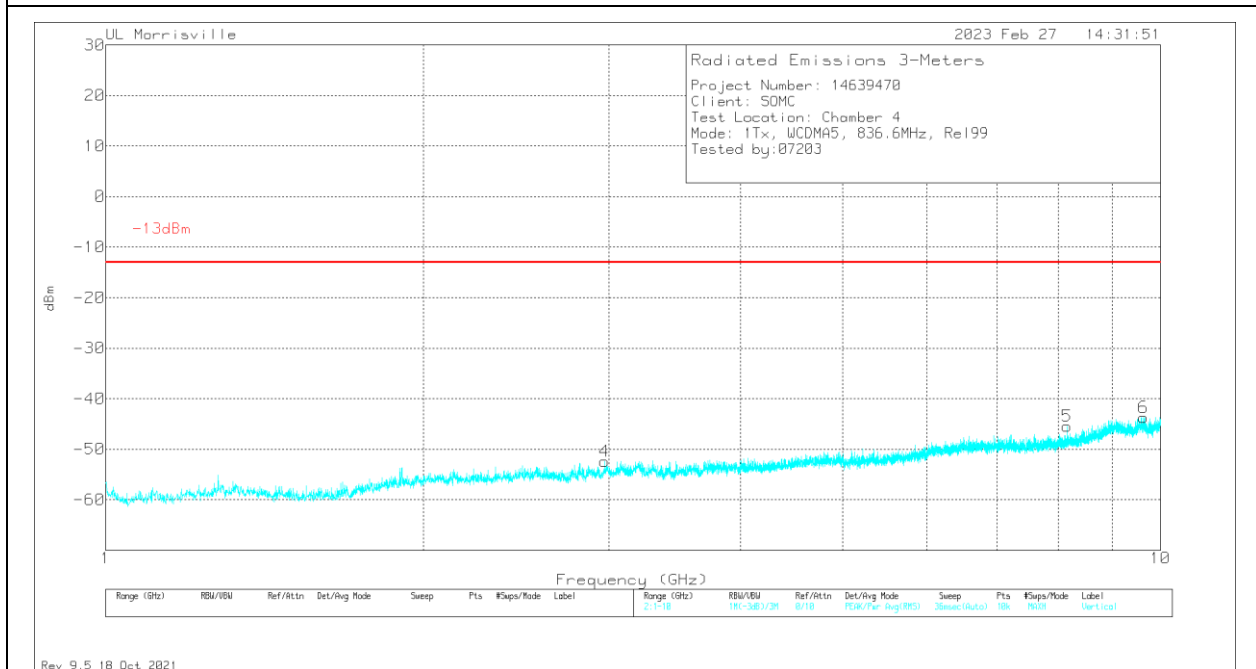
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | Filter (dB) | CF (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|-------------|---------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 2.503 | -61.21 | Pk | 32.6 | -36.3 | .4 | 11.8 | -52.71 | -13 | -39.71 | 0-360 | 100 | H |
| 4 | 3.1978 | -61.78 | Pk | 33.2 | -35.5 | .8 | 11.8 | -51.48 | -13 | -38.48 | 0-360 | 300 | V |
| 2 | 6.6016 | -65.69 | Pk | 35.5 | -29.3 | .6 | 11.8 | -47.09 | -13 | -34.09 | 0-360 | 100 | H |
| 5 | 8.425 | -65.29 | Pk | 35.7 | -27.3 | .5 | 11.8 | -44.59 | -13 | -31.59 | 0-360 | 200 | V |
| 3 | 9.5392 | -66.42 | Pk | 36.6 | -26.1 | .7 | 11.8 | -43.42 | -13 | -30.42 | 0-360 | 100 | H |
| 6 | 9.6643 | -65.58 | Pk | 36.7 | -26.5 | .8 | 11.8 | -42.78 | -13 | -29.78 | 0-360 | 200 | V |

Pk - Peak detector

REL 99 MID CHANNEL



HORIZONTAL



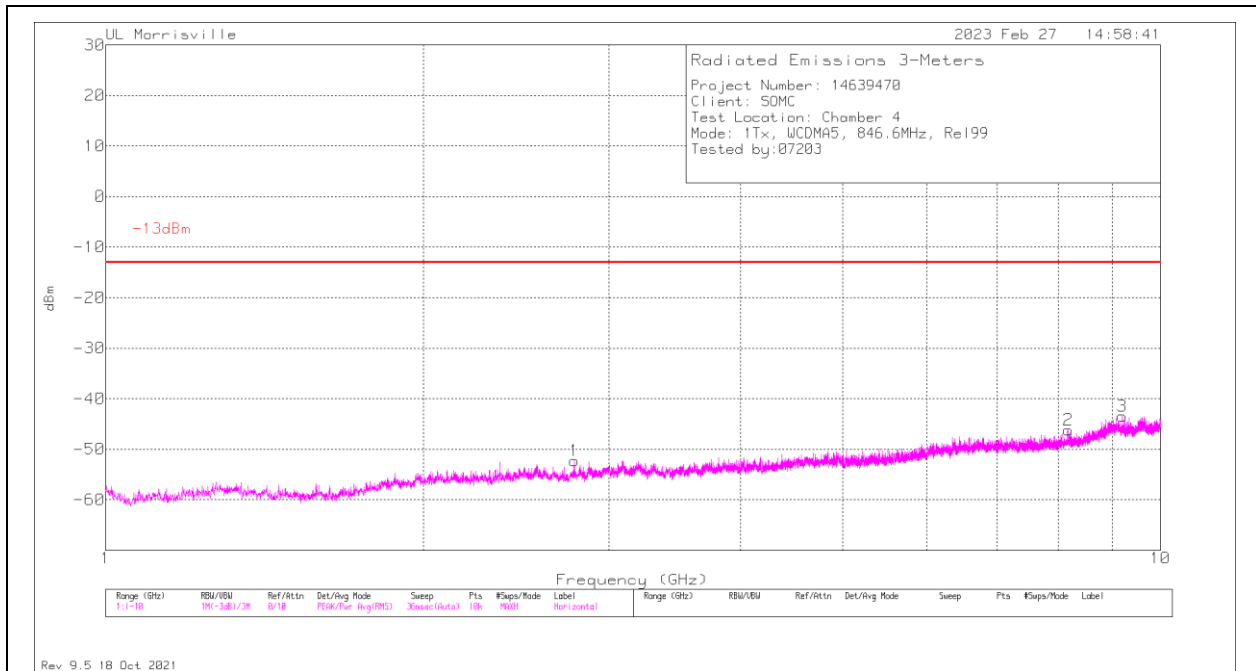
VERTICAL

RADIATED EMISSIONS

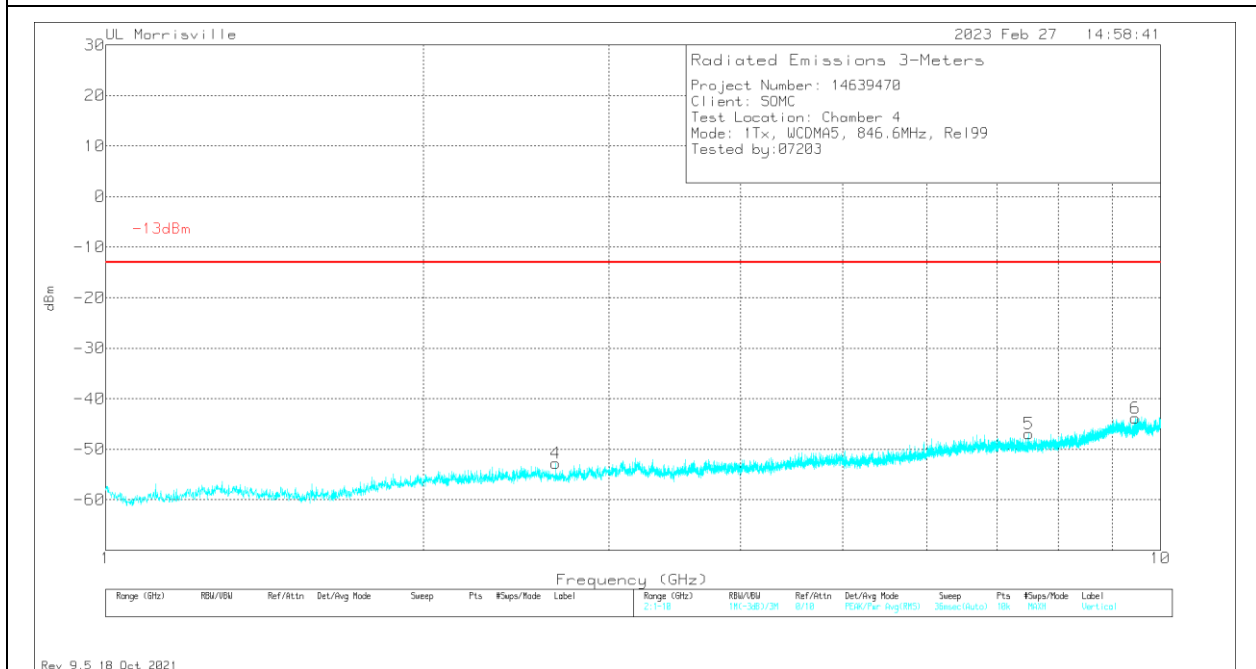
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | Filter (dB) | CF (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|-------------|---------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 1.9045 | -59.96 | Pk | 31.1 | -36.2 | .4 | 11.8 | -52.86 | -13 | -39.86 | 0-360 | 200 | H |
| 4 | 2.9701 | -61.85 | Pk | 32.8 | -35.6 | .5 | 11.8 | -52.35 | -13 | -39.35 | 0-360 | 200 | V |
| 2 | 7.2361 | -63.53 | Pk | 35.7 | -28.8 | .6 | 11.8 | -44.23 | -13 | -31.23 | 0-360 | 100 | H |
| 5 | 8.1595 | -65.72 | Pk | 35.7 | -27.7 | .5 | 11.8 | -45.42 | -13 | -32.42 | 0-360 | 300 | V |
| 6 | 9.6418 | -66.79 | Pk | 36.7 | -26.3 | .9 | 11.8 | -43.69 | -13 | -30.69 | 0-360 | 300 | V |
| 3 | 9.9793 | -65.57 | Pk | 37.1 | -26.6 | .6 | 11.8 | -42.67 | -13 | -29.67 | 0-360 | 100 | H |

Pk - Peak detector

REL 99 HIGH CHANNEL



HORIZONTAL



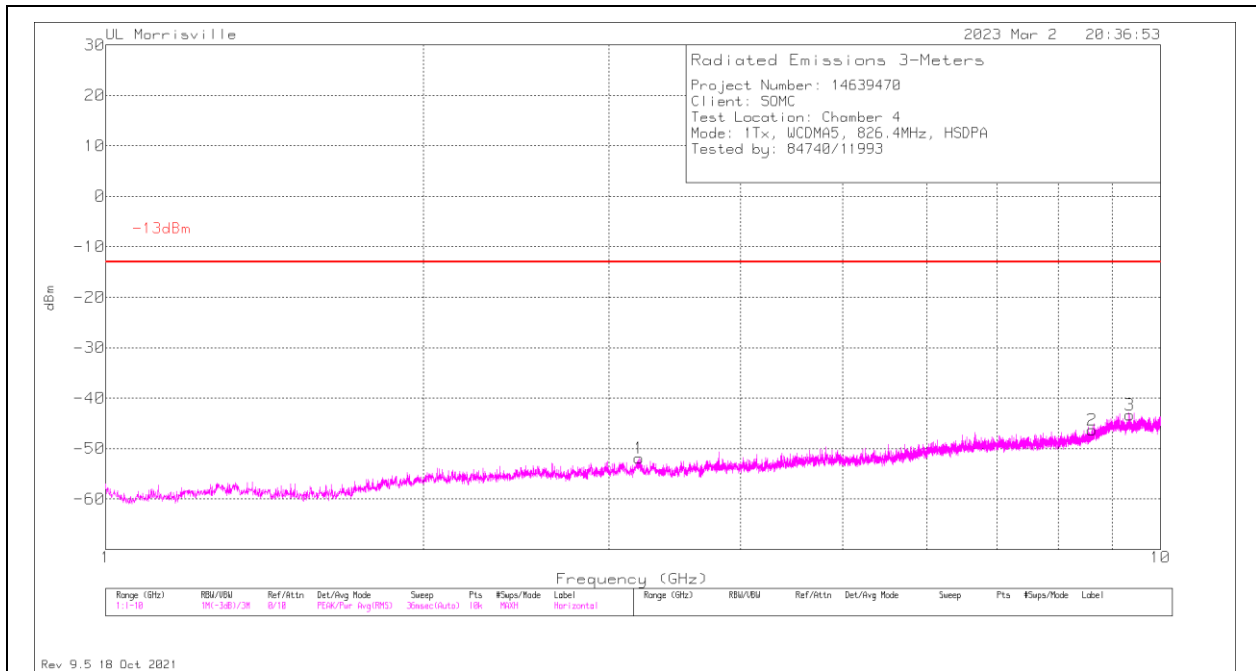
VERTICAL

RADIATED EMISSIONS

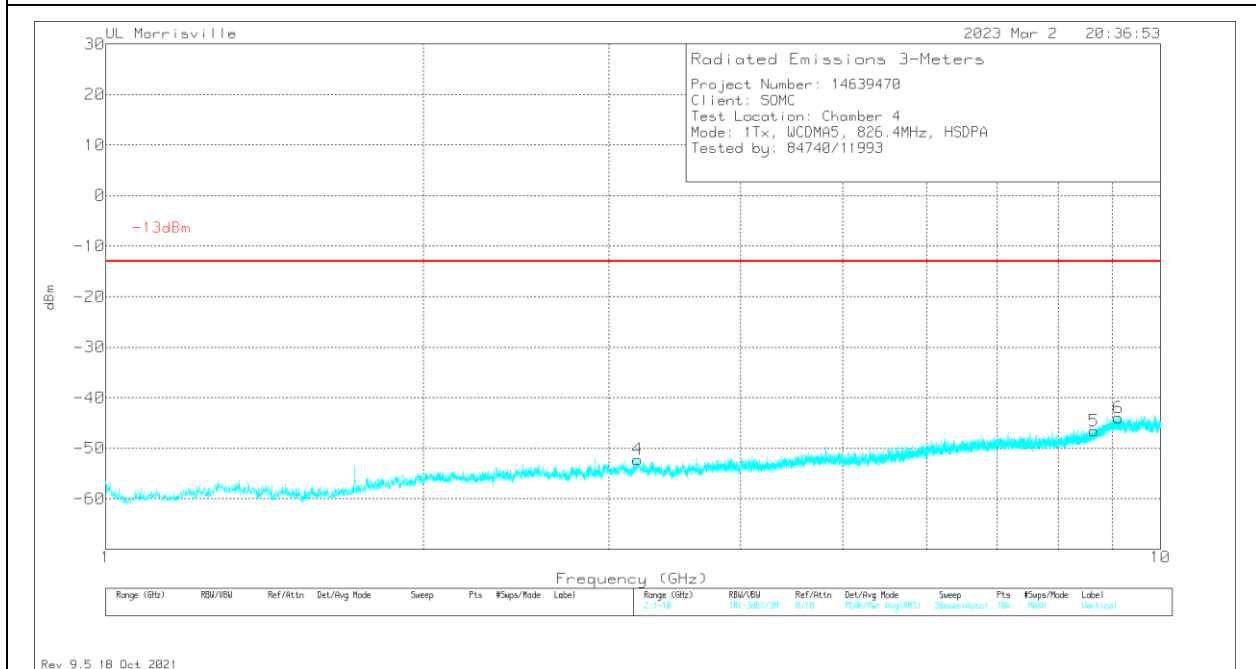
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | Filter (dB) | CF (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|-------------|---------|-----------------------|--------|-------------|----------------|-------------|----------|
| 4 | 2.6704 | -61.09 | Pk | 32.3 | -36.3 | .5 | 11.8 | -52.79 | -13 | -39.79 | 0-360 | 300 | V |
| 1 | 2.7829 | -61.19 | Pk | 32.5 | -35.9 | .5 | 11.8 | -52.29 | -13 | -39.29 | 0-360 | 100 | H |
| 5 | 7.5043 | -66.3 | Pk | 35.6 | -28.6 | .6 | 11.8 | -46.9 | -13 | -33.9 | 0-360 | 300 | V |
| 2 | 8.1811 | -66.12 | Pk | 35.7 | -28 | .4 | 11.8 | -46.22 | -13 | -33.22 | 0-360 | 100 | H |
| 3 | 9.1981 | -65.72 | Pk | 36.2 | -26.4 | .7 | 11.8 | -43.42 | -13 | -30.42 | 0-360 | 100 | H |
| 6 | 9.4717 | -66.65 | Pk | 36.5 | -26.3 | .8 | 11.8 | -43.85 | -13 | -30.85 | 0-360 | 300 | V |

Pk - Peak detector

HSDPA LOW CHANNEL



HORIZONTAL



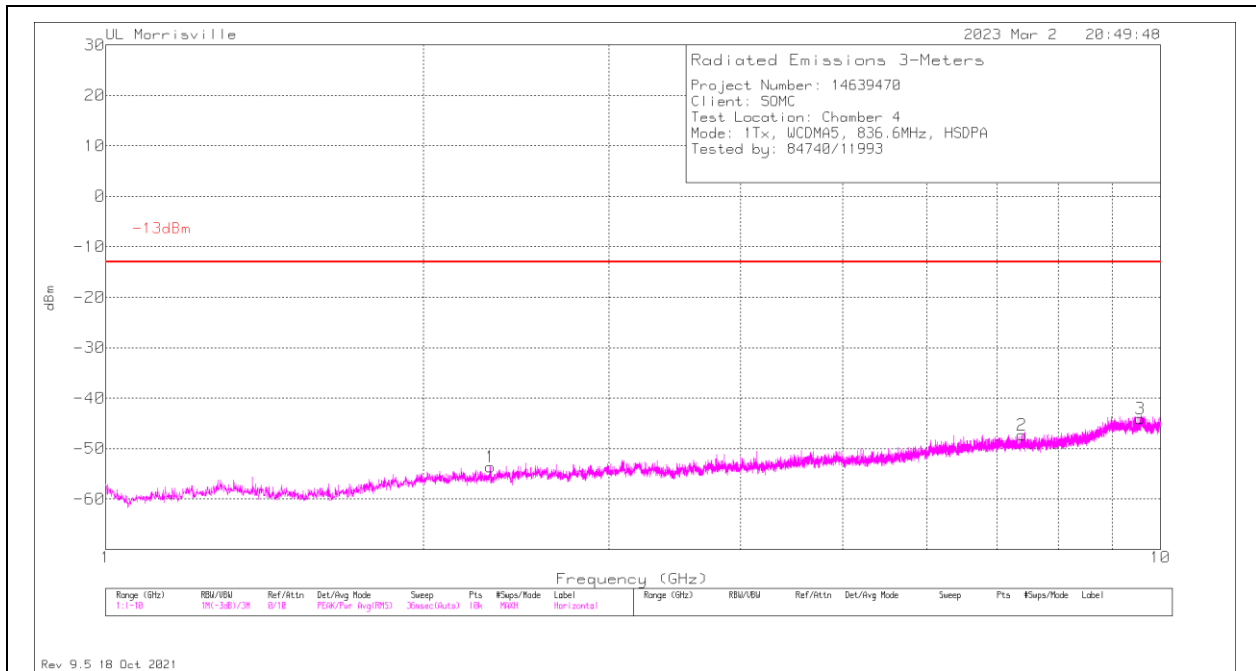
VERTICAL

RADIATED EMISSIONS

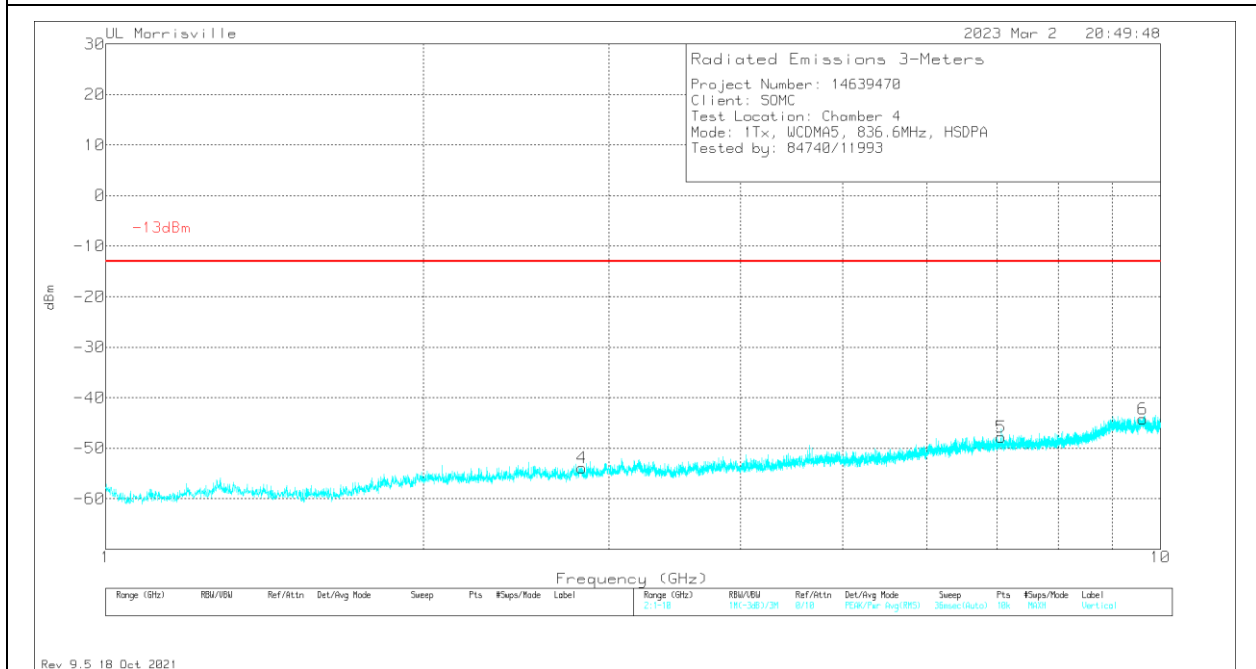
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | Filter (dB) | CF (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|-------------|---------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 3.2032 | -62.34 | Pk | 33.2 | -35.3 | .7 | 11.8 | -51.94 | -13 | -38.94 | 0-360 | 200 | H |
| 2 | 8.614 | -67.37 | Pk | 35.8 | -27.1 | .5 | 11.8 | -46.37 | -13 | -33.37 | 0-360 | 200 | H |
| 3 | 9.3475 | -66.36 | Pk | 36.4 | -26.5 | 1.3 | 11.8 | -43.36 | -13 | -30.36 | 0-360 | 200 | H |
| 4 | 3.196 | -62.42 | Pk | 33.2 | -35.5 | .7 | 11.8 | -52.22 | -13 | -39.22 | 0-360 | 300 | V |
| 5 | 8.6455 | -67.55 | Pk | 35.8 | -27.1 | .5 | 11.8 | -46.55 | -13 | -33.55 | 0-360 | 200 | V |
| 6 | 9.127 | -66.31 | Pk | 36.2 | -26.6 | .9 | 11.8 | -44.01 | -13 | -31.01 | 0-360 | 200 | V |

Pk - Peak detector

HSDPA MID CHANNEL



HORIZONTAL



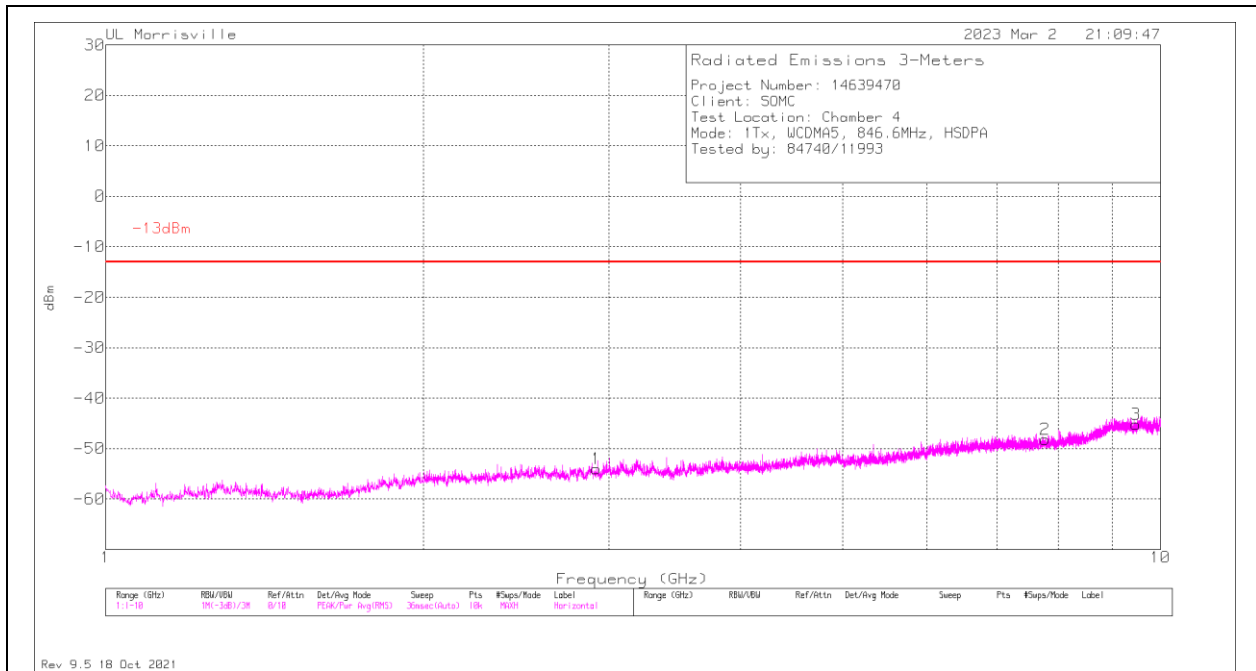
VERTICAL

RADIATED EMISSIONS

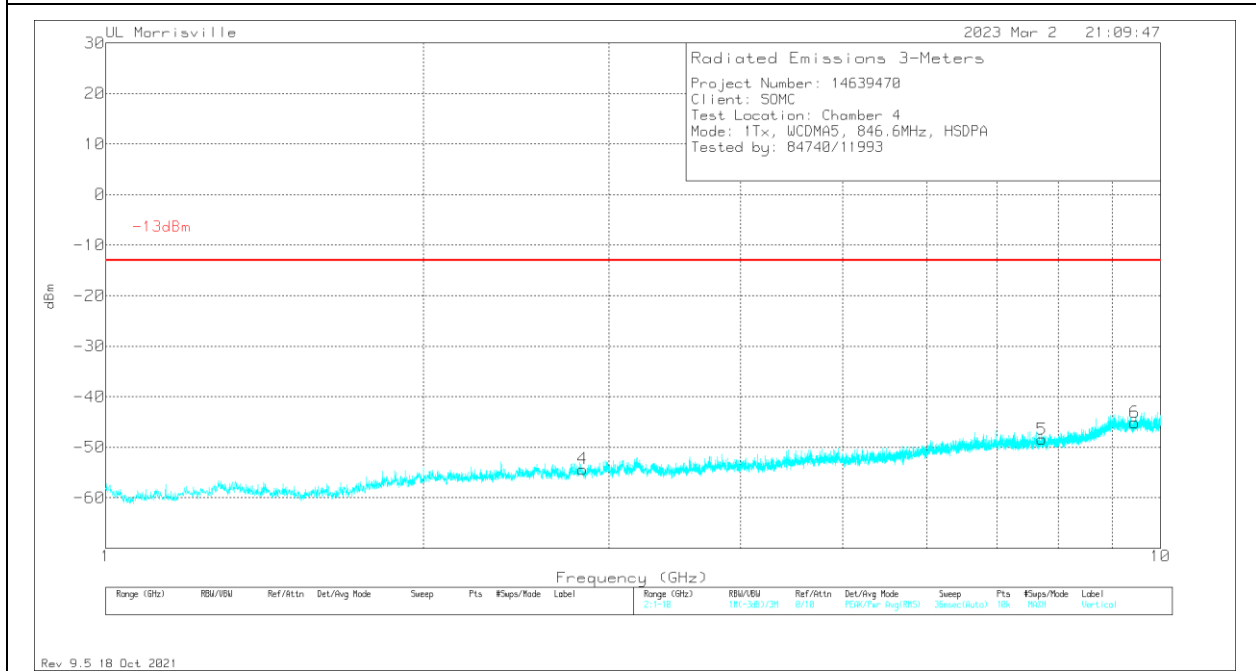
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | Filter (dB) | CF (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|-------------|---------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 2.3158 | -61.72 | Pk | 32.1 | -36.2 | .4 | 11.8 | -53.62 | -13 | -40.62 | 0-360 | 200 | H |
| 2 | 7.3882 | -66.71 | Pk | 35.6 | -28.7 | .7 | 11.8 | -47.31 | -13 | -34.31 | 0-360 | 100 | H |
| 3 | 9.5725 | -67.37 | Pk | 36.6 | -26.3 | 1.2 | 11.8 | -44.07 | -13 | -31.07 | 0-360 | 100 | H |
| 4 | 2.8288 | -62.99 | Pk | 32.6 | -35.9 | .6 | 11.8 | -53.89 | -13 | -40.89 | 0-360 | 300 | V |
| 5 | 7.0624 | -67.38 | Pk | 35.6 | -28.5 | .7 | 11.8 | -47.78 | -13 | -34.78 | 0-360 | 200 | V |
| 6 | 9.6229 | -67.38 | Pk | 36.7 | -26.5 | 1.2 | 11.8 | -44.18 | -13 | -31.18 | 0-360 | 300 | V |

Pk - Peak detector

HSDPA HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

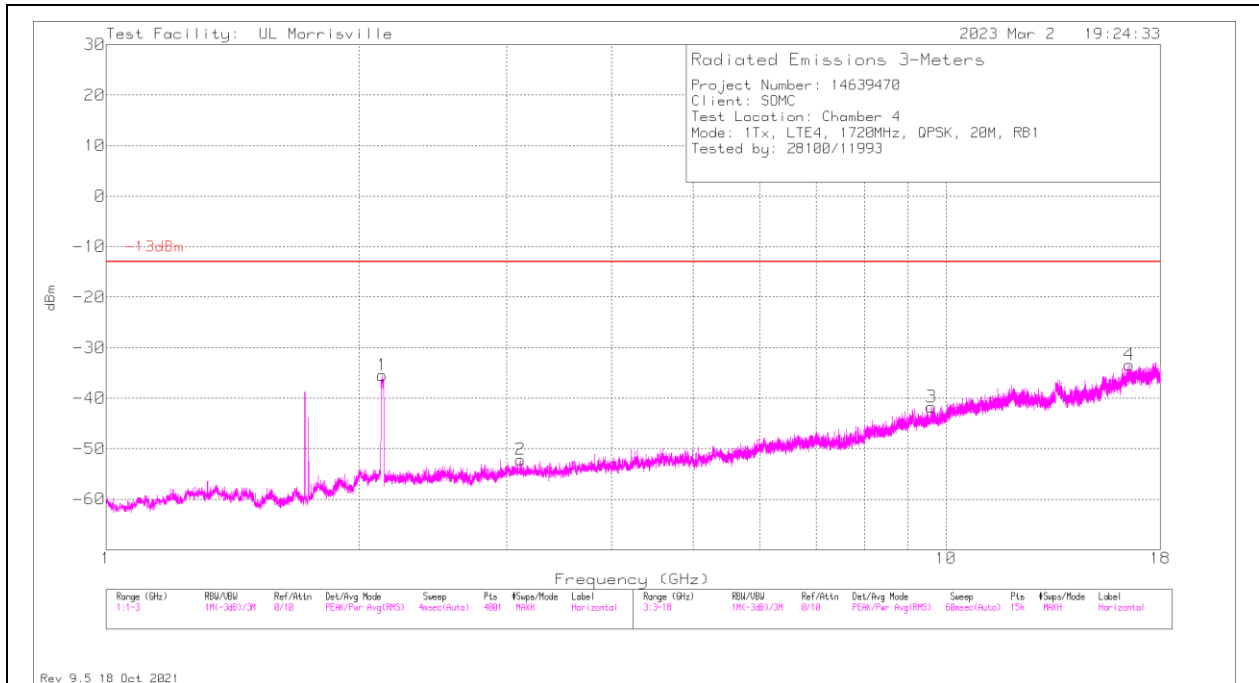
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | Filter (dB) | CF (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|-------------|---------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 2.9188 | -63.13 | Pk | 32.6 | -36 | .7 | 11.8 | -54.03 | -13 | -41.03 | 0-360 | 100 | H |
| 2 | 7.7761 | -67.85 | Pk | 35.7 | -28.4 | .6 | 11.8 | -48.15 | -13 | -35.15 | 0-360 | 100 | H |
| 3 | 9.478 | -68.35 | Pk | 36.5 | -26.5 | 1.3 | 11.8 | -45.25 | -13 | -32.25 | 0-360 | 100 | H |
| 4 | 2.8333 | -63.43 | Pk | 32.6 | -35.9 | .6 | 11.8 | -54.33 | -13 | -41.33 | 0-360 | 300 | V |
| 5 | 7.7176 | -67.86 | Pk | 35.7 | -28.7 | .6 | 11.8 | -48.46 | -13 | -35.46 | 0-360 | 200 | V |
| 6 | 9.4555 | -68.14 | Pk | 36.5 | -26.5 | 1.2 | 11.8 | -45.14 | -13 | -32.14 | 0-360 | 200 | V |

Pk - Peak detector

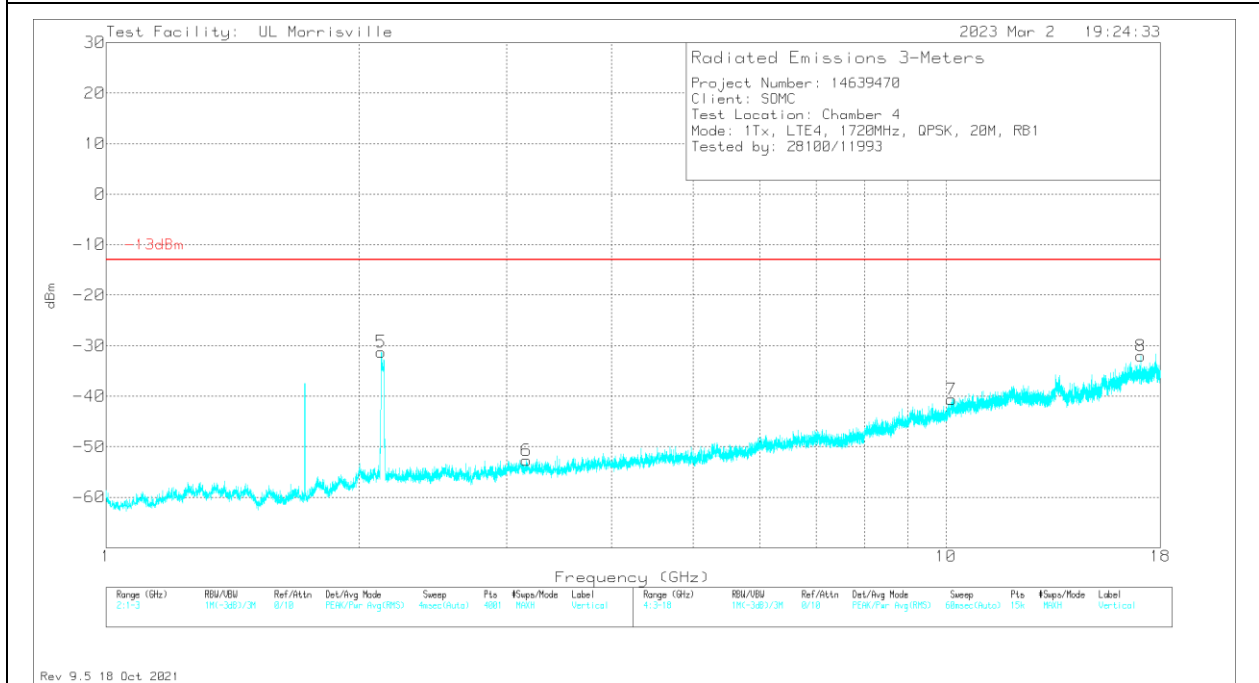
11.1.6. LTE4

| | | | | | |
|--------------------------|-------------|-------------------|------------|---------------------|------------|
| Test Engineer ID: | 28100/11993 | Test Date: | 2023-03-02 | Sample Used: | QV77003JFR |
|--------------------------|-------------|-------------------|------------|---------------------|------------|

QPSK LOW CHANNEL



HORIZONTAL



VERTICAL

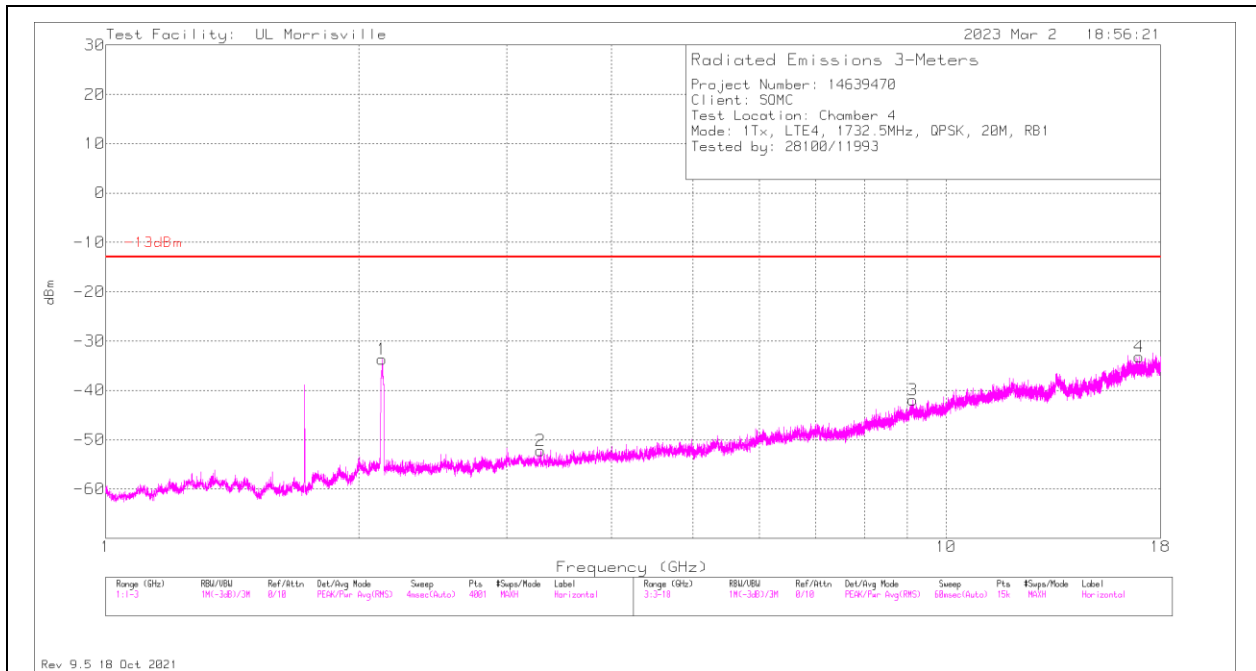
RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 206211 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 5 (DL) | 2.125 | -41.57 | Pk | 31.4 | -34.1 | 11.8 | 1.2 | -31.27 | - | - | 0-360 | 200 | V |
| 1 (DL) | 2.1315 | -45.75 | Pk | 31.4 | -34.1 | 11.8 | 1.2 | -35.45 | - | - | 0-360 | 101 | H |
| 2 | 3.115 | -64.44 | Pk | 32.9 | -32.4 | 11.8 | 0 | -52.14 | -13 | -39.14 | 0-360 | 199 | H |
| 6 | 3.165 | -64.72 | Pk | 32.8 | -32.6 | 11.8 | 0 | -52.72 | -13 | -39.72 | 0-360 | 101 | V |
| 3 | 9.609 | -65.11 | Pk | 36.7 | -25.1 | 11.8 | 0 | -41.71 | -13 | -28.71 | 0-360 | 299 | H |
| 7 | 10.153 | -65.24 | Pk | 37.3 | -24.5 | 11.8 | 0 | -40.64 | -13 | -27.64 | 0-360 | 200 | V |
| 4 | 16.53 | -64.75 | Pk | 41.3 | -21.7 | 11.8 | 0 | -33.35 | -13 | -20.35 | 0-360 | 299 | H |
| 8 | 17.052 | -64.24 | Pk | 41.6 | -21.2 | 11.8 | 0 | -32.04 | -13 | -19.04 | 0-360 | 101 | V |

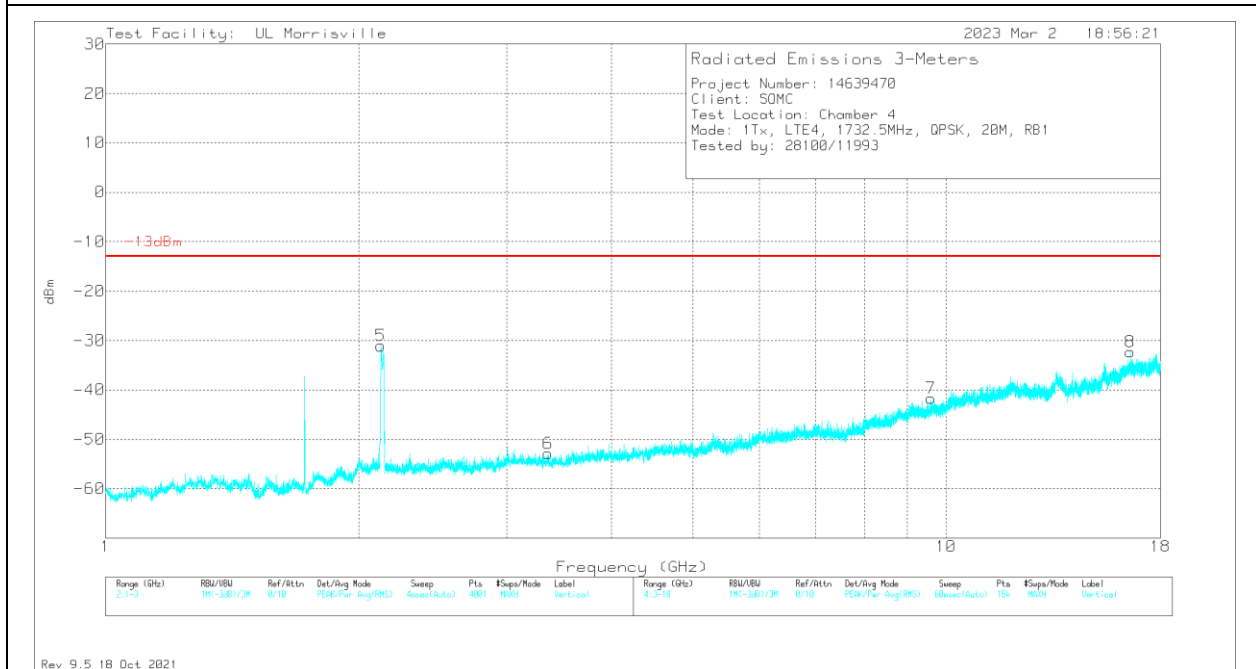
Pk - Peak detector

DL – Downlink from Callbox

QPSK MID CHANNEL



HORIZONTAL



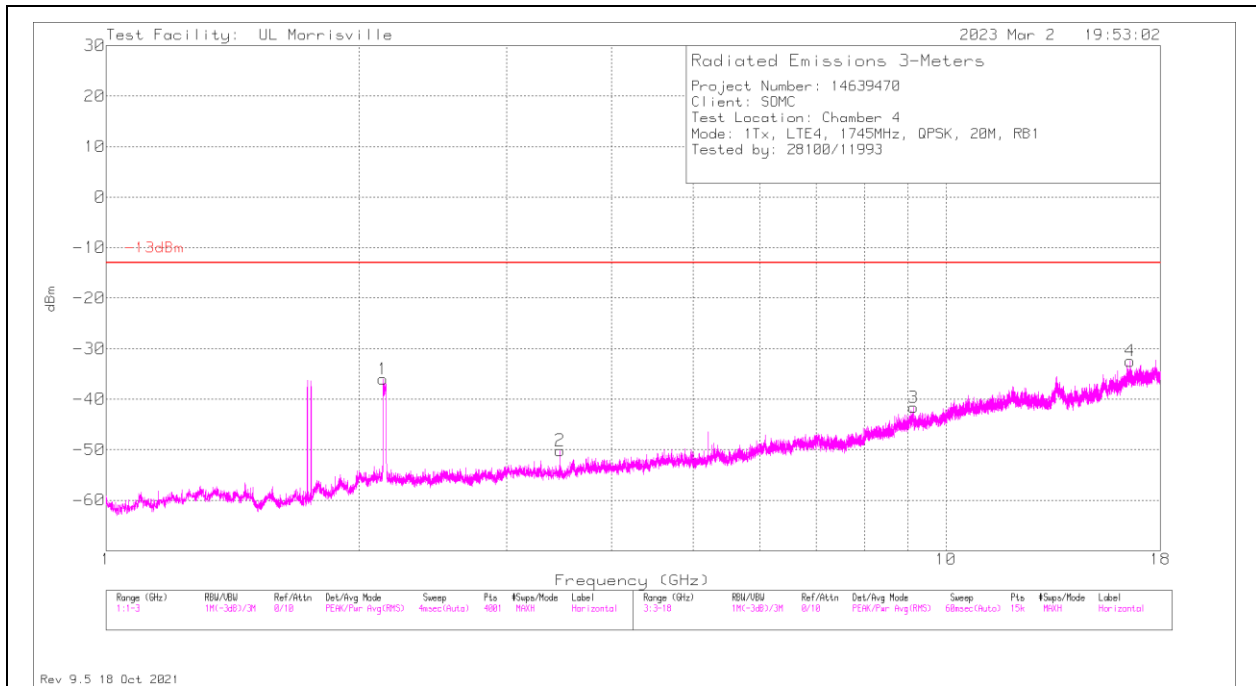
VERTICAL

RADIATED EMISSIONS

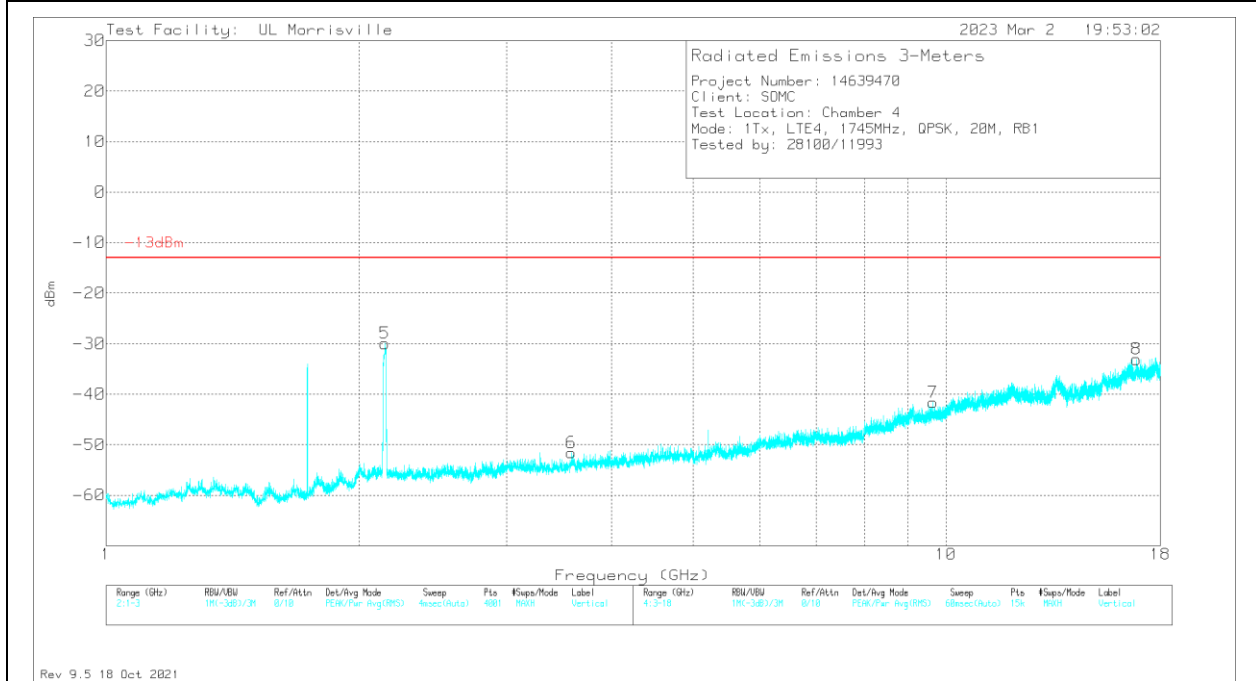
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 206211 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 5 (DL) | 2.1245 | -41.38 | Pk | 31.4 | -34.1 | 11.8 | 1.2 | -31.08 | - | - | 0-360 | 200 | V |
| 1 (DL) | 2.1315 | -43.94 | Pk | 31.4 | -34.1 | 11.8 | 1.2 | -33.64 | - | - | 0-360 | 100 | H |
| 2 | 3.294 | -64.17 | Pk | 32.8 | -32.7 | 11.8 | 0 | -52.27 | -13 | -39.27 | 0-360 | 200 | H |
| 6 | 3.364 | -65 | Pk | 32.5 | -32.2 | 11.8 | 0 | -52.9 | -13 | -39.9 | 0-360 | 200 | V |
| 3 | 9.14 | -64.93 | Pk | 36.2 | -25 | 11.8 | 0 | -41.93 | -13 | -28.93 | 0-360 | 200 | H |
| 7 | 9.606 | -64.93 | Pk | 36.7 | -25.2 | 11.8 | 0 | -41.63 | -13 | -28.63 | 0-360 | 300 | V |
| 8 | 16.577 | -64.3 | Pk | 41.4 | -21.2 | 11.8 | 0 | -32.3 | -13 | -19.3 | 0-360 | 200 | V |
| 4 | 16.99 | -64.43 | Pk | 41.7 | -22.3 | 11.8 | 0 | -33.23 | -13 | -20.23 | 0-360 | 300 | H |

Pk - Peak detector

QPSK HIGH CHANNEL



HORIZONTAL



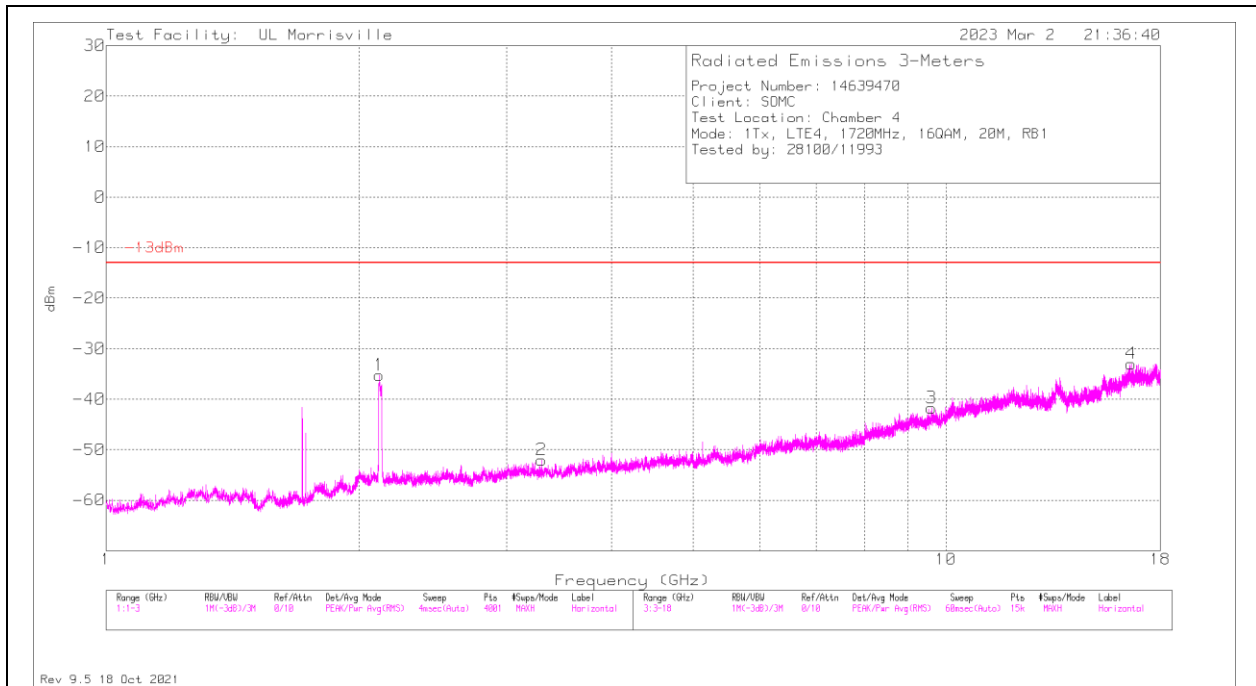
VERTICAL

RADIATED EMISSIONS

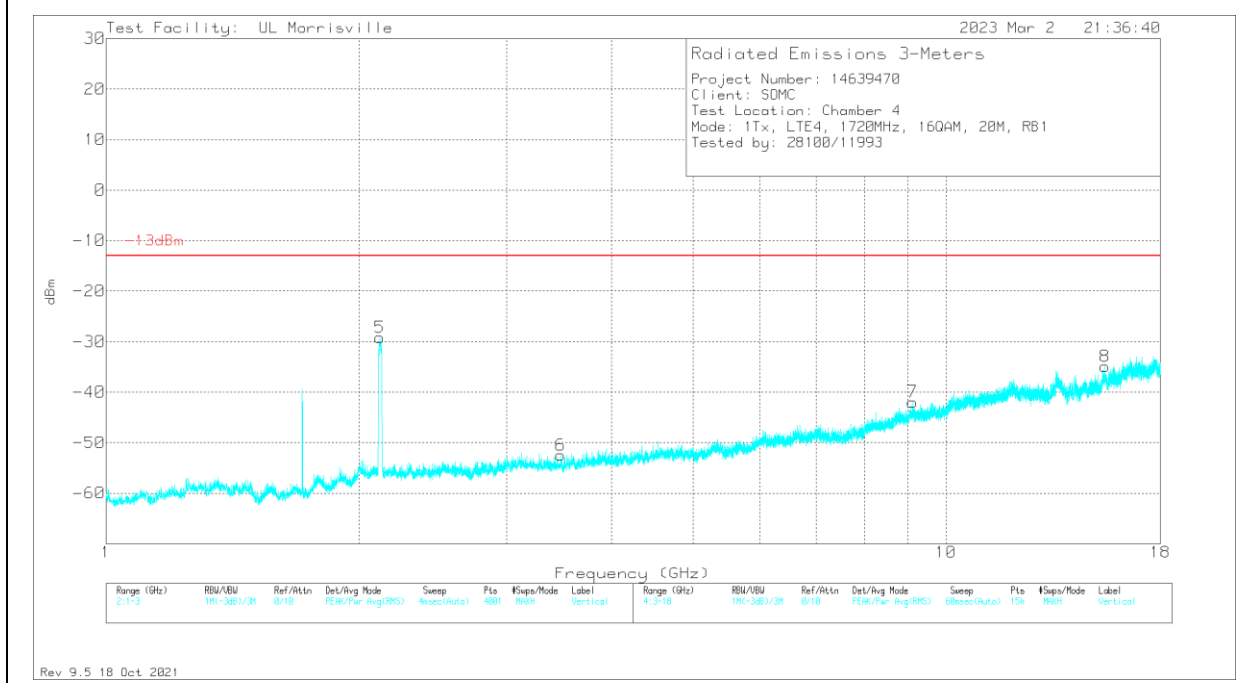
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 206211 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 (DL) | 2.137 | -46.13 | Pk | 31.5 | -34.4 | 11.8 | 1.2 | -36.03 | - | - | 0-360 | 101 | H |
| 5 (DL) | 2.1465 | -39.95 | Pk | 31.5 | -34.5 | 11.8 | 1.2 | -29.95 | - | - | 0-360 | 200 | V |
| 2 | 3.472 | -62.17 | Pk | 32.6 | -32.4 | 11.8 | 0 | -50.17 | -13 | -37.17 | 0-360 | 101 | H |
| 6 | 3.581 | -64.68 | Pk | 33 | -31.7 | 11.8 | 0 | -51.58 | -13 | -38.58 | 0-360 | 299 | V |
| 3 | 9.153 | -63.85 | Pk | 36.3 | -25.9 | 11.8 | 0 | -41.65 | -13 | -28.65 | 0-360 | 199 | H |
| 7 | 9.647 | -64.94 | Pk | 36.7 | -25.2 | 11.8 | 0 | -41.64 | -13 | -28.64 | 0-360 | 101 | V |
| 4 | 16.572 | -64.55 | Pk | 41.4 | -21.1 | 11.8 | 0 | -32.45 | -13 | -19.45 | 0-360 | 101 | H |
| 8 | 16.853 | -64.88 | Pk | 41.9 | -21.9 | 11.8 | 0 | -33.08 | -13 | -20.08 | 0-360 | 299 | V |

Pk - Peak detector

16QAM LOW CHANNEL



HORIZONTAL



VERTICAL

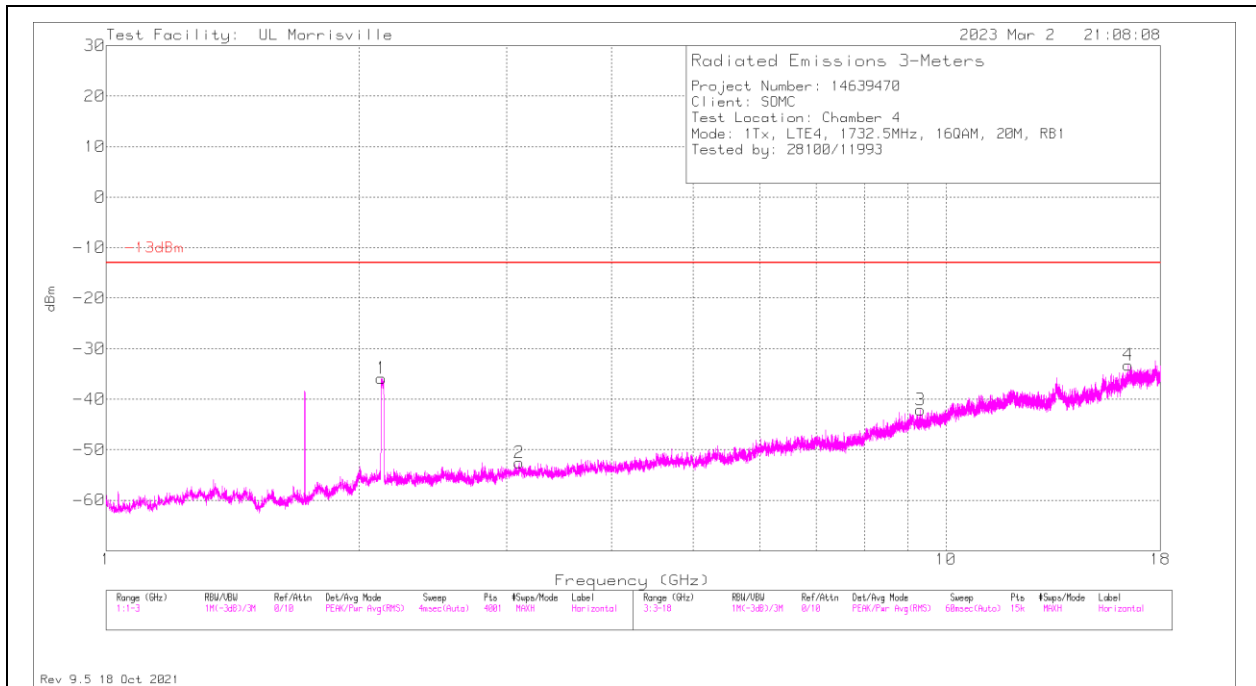
RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 206211 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 2.1145 (DL) | -45.64 | Pk | 31.4 | -34 | 11.8 | 1.2 | -35.24 | - | - | 0-360 | 101 | H |
| 5 | 2.119 (DL) | -39.48 | Pk | 31.4 | -34.1 | 11.8 | 1.2 | -29.18 | - | - | 0-360 | 200 | V |
| 2 | 3.299 | -63.82 | Pk | 32.8 | -32.8 | 11.8 | 0 | -52.02 | -13 | -39.02 | 0-360 | 101 | H |
| 6 | 3.478 | -64.36 | Pk | 32.5 | -32.4 | 11.8 | 0 | -52.46 | -13 | -39.46 | 0-360 | 299 | V |
| 7 | 9.126 | -64.75 | Pk | 36.2 | -25.2 | 11.8 | 0 | -41.95 | -13 | -28.95 | 0-360 | 101 | V |
| 3 | 9.609 | -65.11 | Pk | 36.7 | -25.1 | 11.8 | 0 | -41.71 | -13 | -28.71 | 0-360 | 101 | H |
| 8 | 15.467 | -65.32 | Pk | 40.2 | -21.6 | 11.8 | 0 | -34.92 | -13 | -21.92 | 0-360 | 200 | V |
| 4 | 16.613 | -64.57 | Pk | 41.6 | -21.8 | 11.8 | 0 | -32.97 | -13 | -19.97 | 0-360 | 101 | H |

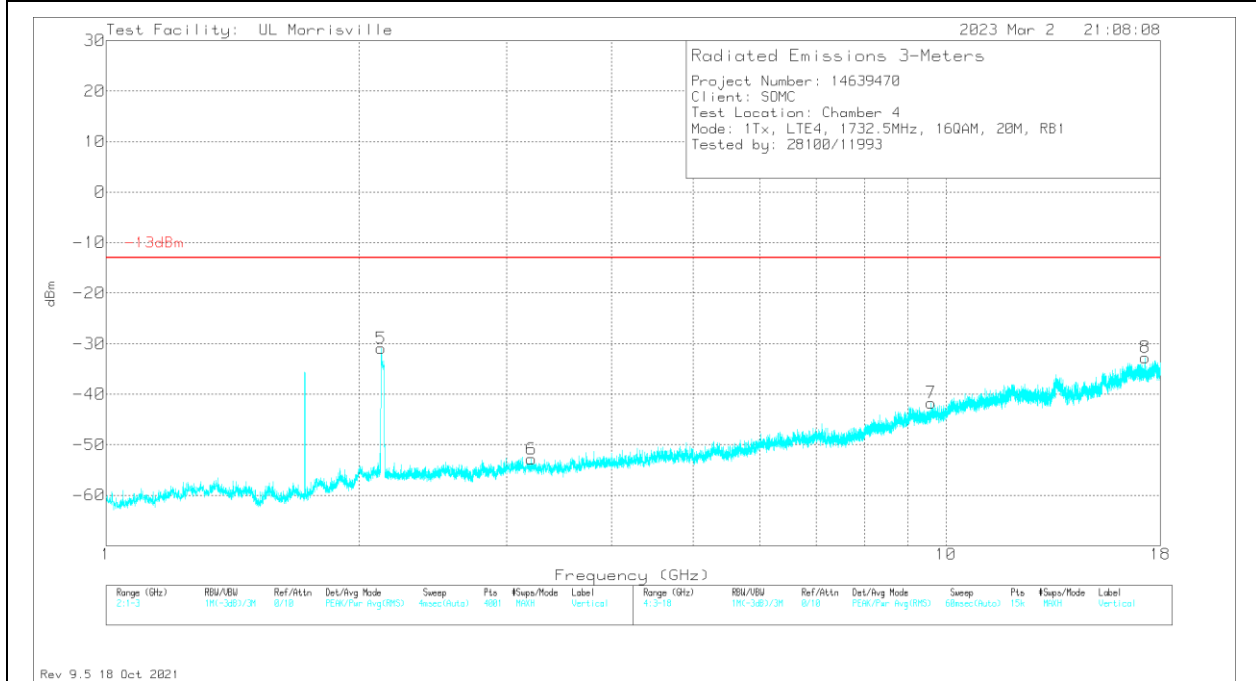
Pk - Peak detector

DL – Downlink from Callbox

16QAM MID CHANNEL



HORIZONTAL



VERTICAL

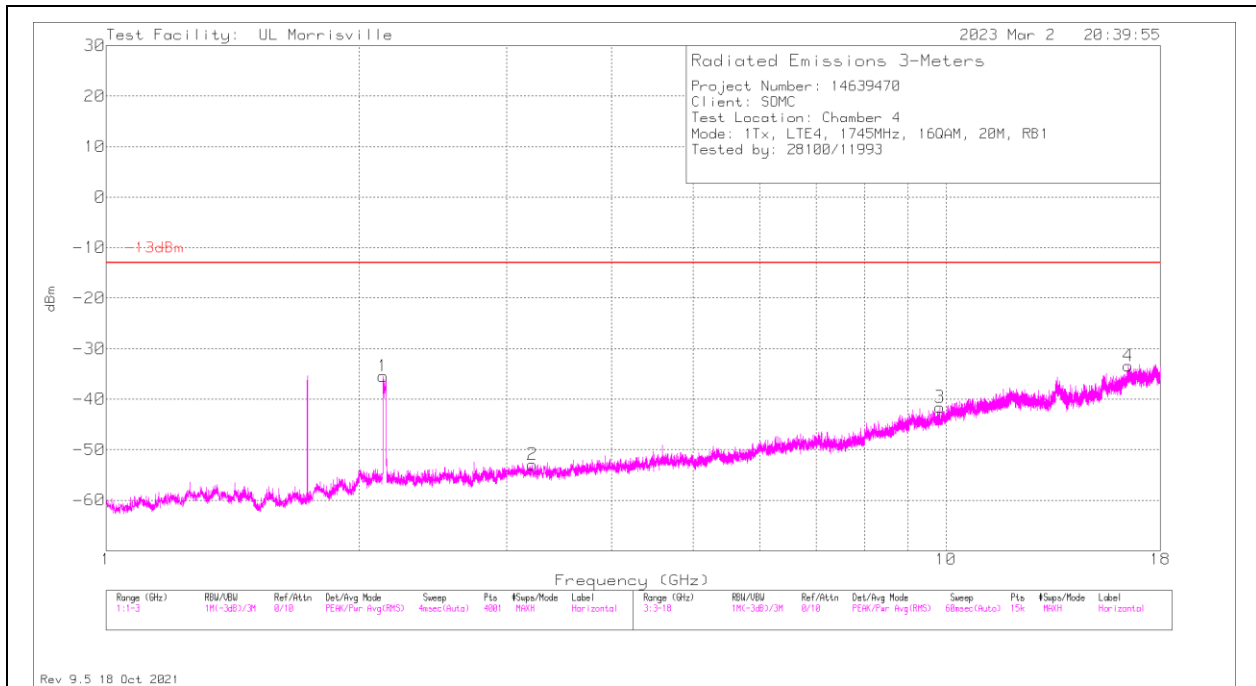
RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 206211 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 5 (DL) | 2.1245 | -41.21 | Pk | 31.4 | -34.1 | 11.8 | 1.2 | -30.91 | - | - | 0-360 | 200 | V |
| 1 (DL) | 2.127 | -46.14 | Pk | 31.4 | -34.1 | 11.8 | 1.2 | -35.84 | - | - | 0-360 | 101 | H |
| 2 | 3.105 | -64.77 | Pk | 32.9 | -32.5 | 11.8 | 0 | -52.57 | -13 | -39.57 | 0-360 | 101 | H |
| 6 | 3.209 | -64.93 | Pk | 32.8 | -32.5 | 11.8 | 0 | -52.83 | -13 | -39.83 | 0-360 | 200 | V |
| 3 | 9.319 | -64.71 | Pk | 36.4 | -25.6 | 11.8 | 0 | -42.11 | -13 | -29.11 | 0-360 | 199 | H |
| 7 | 9.606 | -65 | Pk | 36.7 | -25.2 | 11.8 | 0 | -41.7 | -13 | -28.7 | 0-360 | 101 | V |
| 4 | 16.488 | -64.04 | Pk | 41.2 | -22.2 | 11.8 | 0 | -33.24 | -13 | -20.24 | 0-360 | 300 | H |
| 8 | 17.267 | -63.53 | Pk | 41.1 | -22.1 | 11.8 | 0 | -32.73 | -13 | -19.73 | 0-360 | 300 | V |

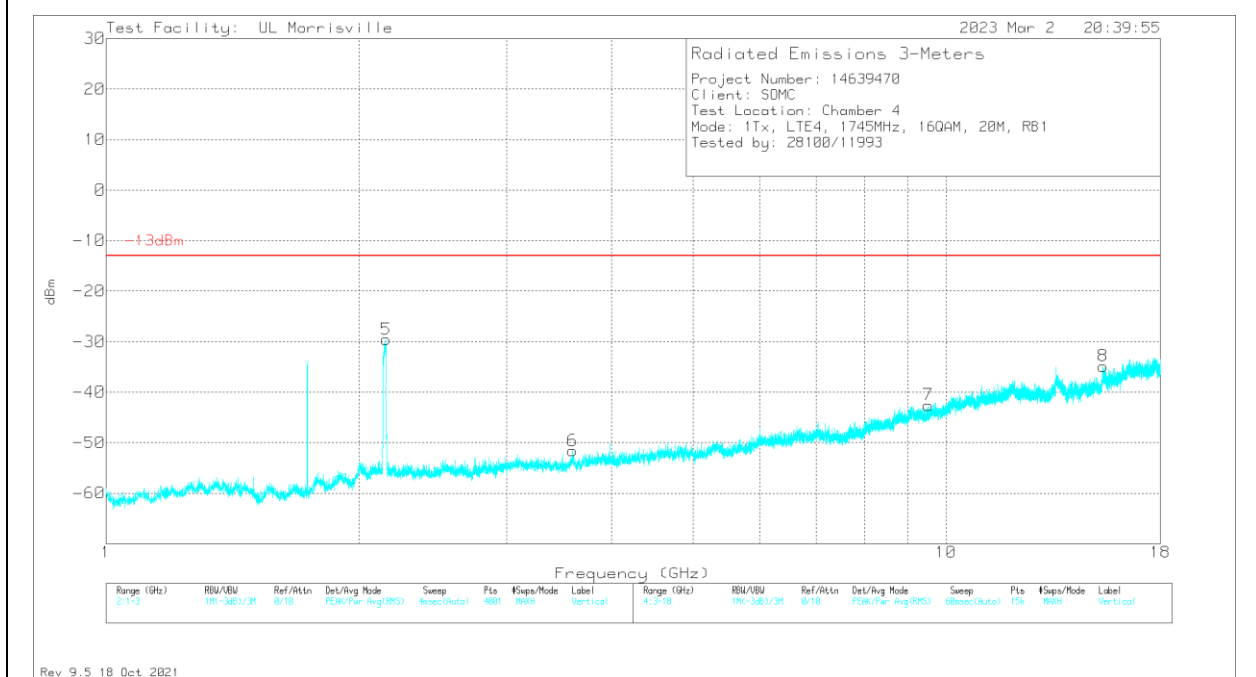
Pk - Peak detector

DL – Downlink from Callbox

16QAM HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | 206211 (dB/m) | Gain/Loss (dB) | CF (dB) | Filter (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|---------|-------------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 (DL) | 2.1375 | -45.45 | Pk | 31.5 | -34.5 | 11.8 | 1.2 | -35.45 | - | - | 0-360 | 101 | H |
| 5 (DL) | 2.1535 | -39.76 | Pk | 31.5 | -34.2 | 11.8 | 1.1 | -29.56 | - | - | 0-360 | 201 | V |
| 2 | 3.219 | -65.01 | Pk | 32.8 | -32.5 | 11.8 | 0 | -52.91 | -13 | -39.91 | 0-360 | 199 | H |
| 6 | 3.592 | -65.21 | Pk | 33 | -31.2 | 11.8 | 0 | -51.61 | -13 | -38.61 | 0-360 | 200 | V |
| 7 | 9.527 | -65.96 | Pk | 36.6 | -25 | 11.8 | 0 | -42.56 | -13 | -29.56 | 0-360 | 101 | V |
| 3 | 9.836 | -64.98 | Pk | 36.9 | -25.3 | 11.8 | 0 | -41.58 | -13 | -28.58 | 0-360 | 199 | H |
| 8 | 15.381 | -65.43 | Pk | 40.1 | -21.3 | 11.8 | 0 | -34.83 | -13 | -21.83 | 0-360 | 200 | V |
| 4 | 16.483 | -64.17 | Pk | 41.2 | -22.2 | 11.8 | 0 | -33.37 | -13 | -20.37 | 0-360 | 199 | H |

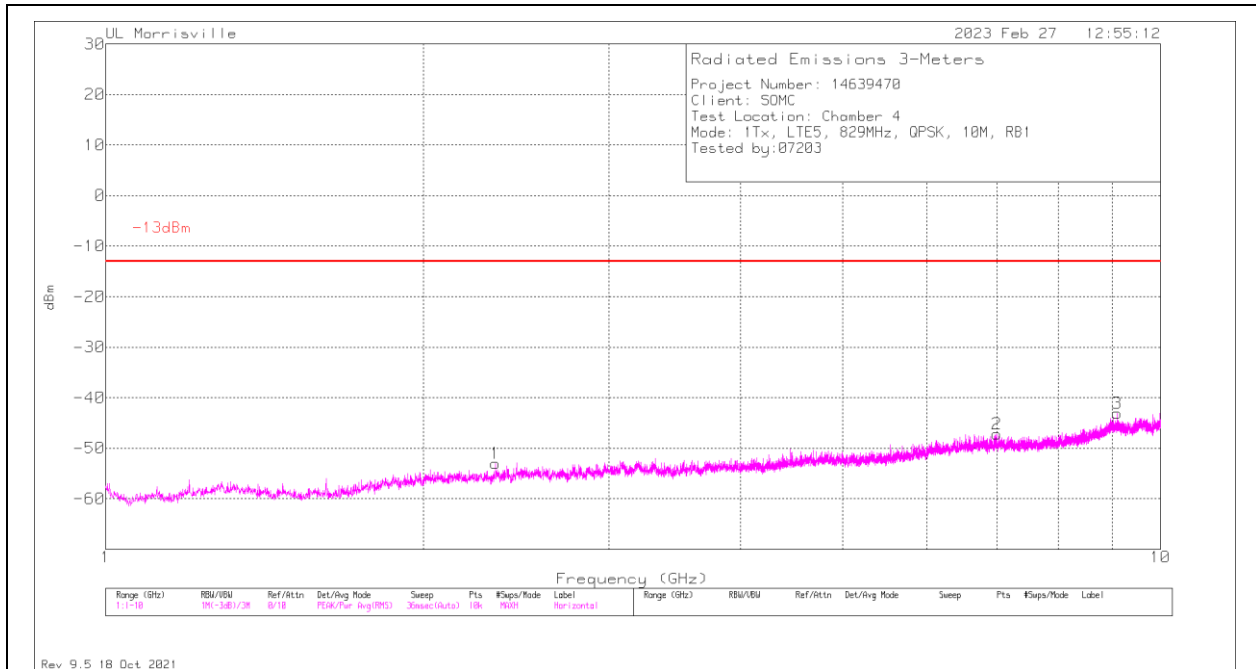
Pk - Peak detector

DL – Downlink from Callbox

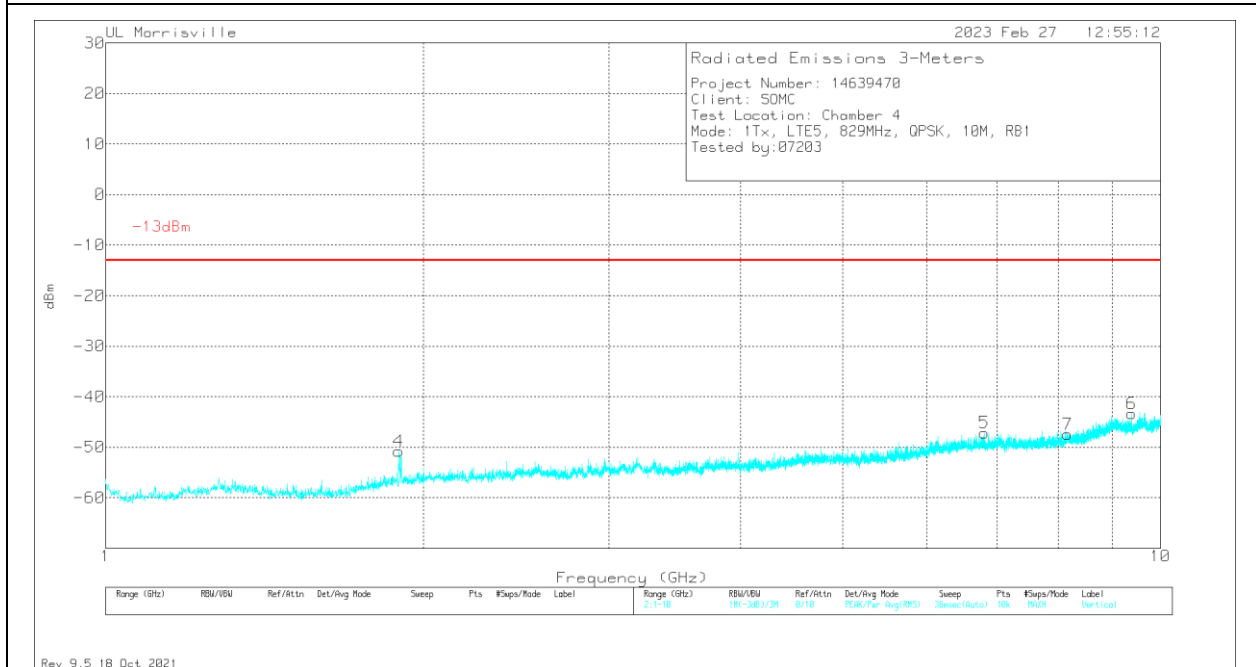
11.1.7. LTE5

| | | | | | |
|-------------------|-------|------------|------------|--------------|------------|
| Test Engineer ID: | 07203 | Test Date: | 2023-02-27 | Sample Used: | QV77003JFR |
|-------------------|-------|------------|------------|--------------|------------|

QPSK LOW CHANNEL



HORIZONTAL



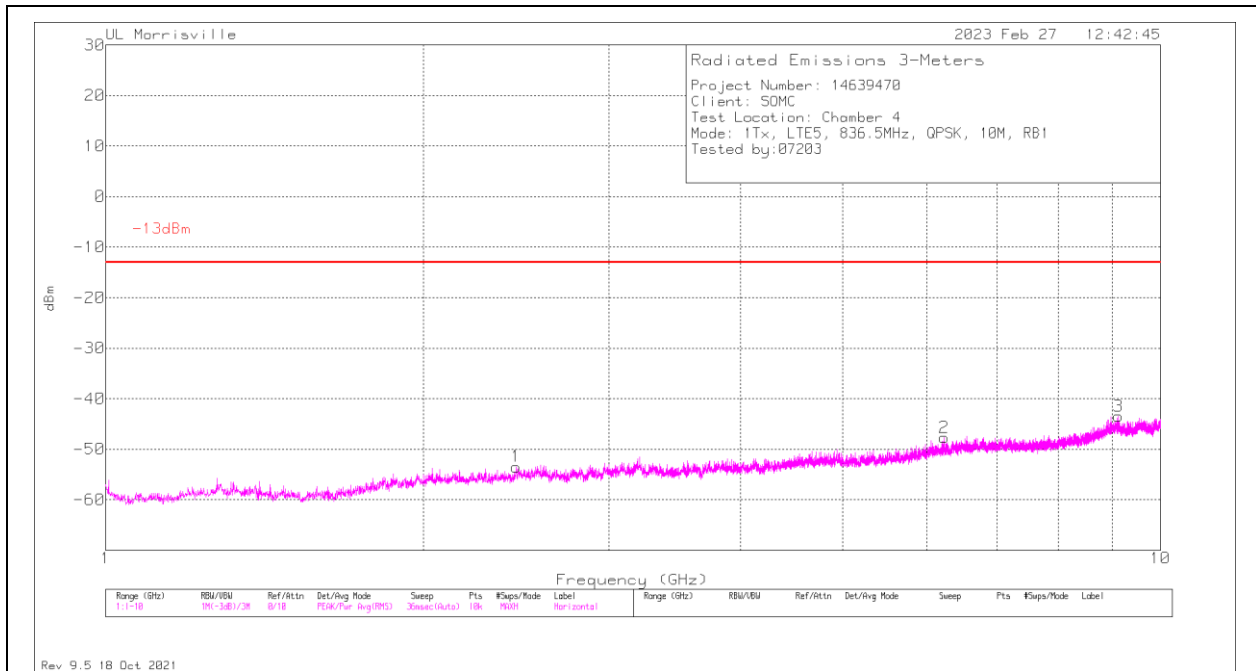
VERTICAL

RADIATED EMISSIONS

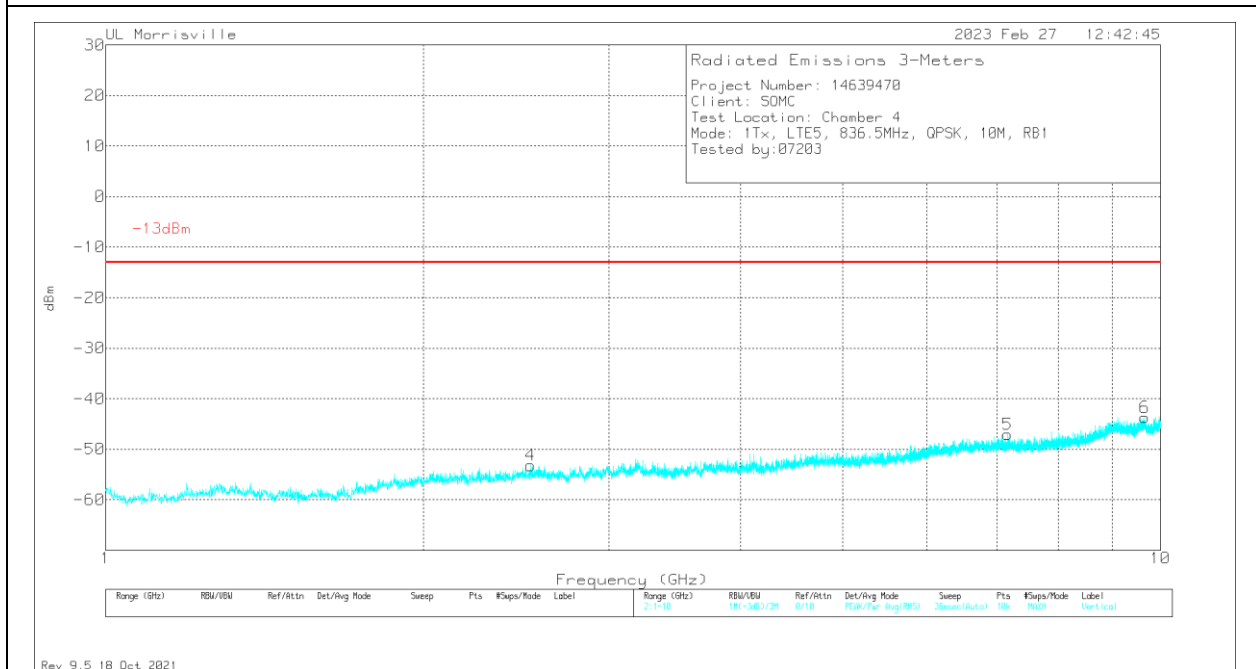
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | Filter (dB) | CF (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|-------------|---------|-----------------------|--------|-------------|----------------|-------------|----------|
| 4 | 1.8955 | -57.76 | Pk | 31.2 | -36.4 | .4 | 11.8 | -50.76 | -13 | -37.76 | 0-360 | 200 | V |
| 1 | 2.3428 | -60.99 | Pk | 32.1 | -36.3 | .4 | 11.8 | -52.99 | -13 | -39.99 | 0-360 | 100 | H |
| 5 | 6.8068 | -66.33 | Pk | 35.6 | -28.9 | .7 | 11.8 | -47.13 | -13 | -34.13 | 0-360 | 200 | V |
| 2 | 6.9958 | -66.27 | Pk | 35.7 | -28.9 | .5 | 11.8 | -47.17 | -13 | -34.17 | 0-360 | 100 | H |
| 7 | 8.1712 | -67.35 | Pk | 35.7 | -28 | .4 | 11.8 | -47.45 | -13 | -34.45 | 0-360 | 300 | V |
| 3 | 9.0973 | -65.05 | Pk | 36.2 | -26.7 | .7 | 11.8 | -43.05 | -13 | -30.05 | 0-360 | 100 | H |
| 6 | 9.3889 | -65.89 | Pk | 36.5 | -26.4 | .7 | 11.8 | -43.29 | -13 | -30.29 | 0-360 | 300 | V |

Pk - Peak detector

QPSK MID CHANNEL



HORIZONTAL



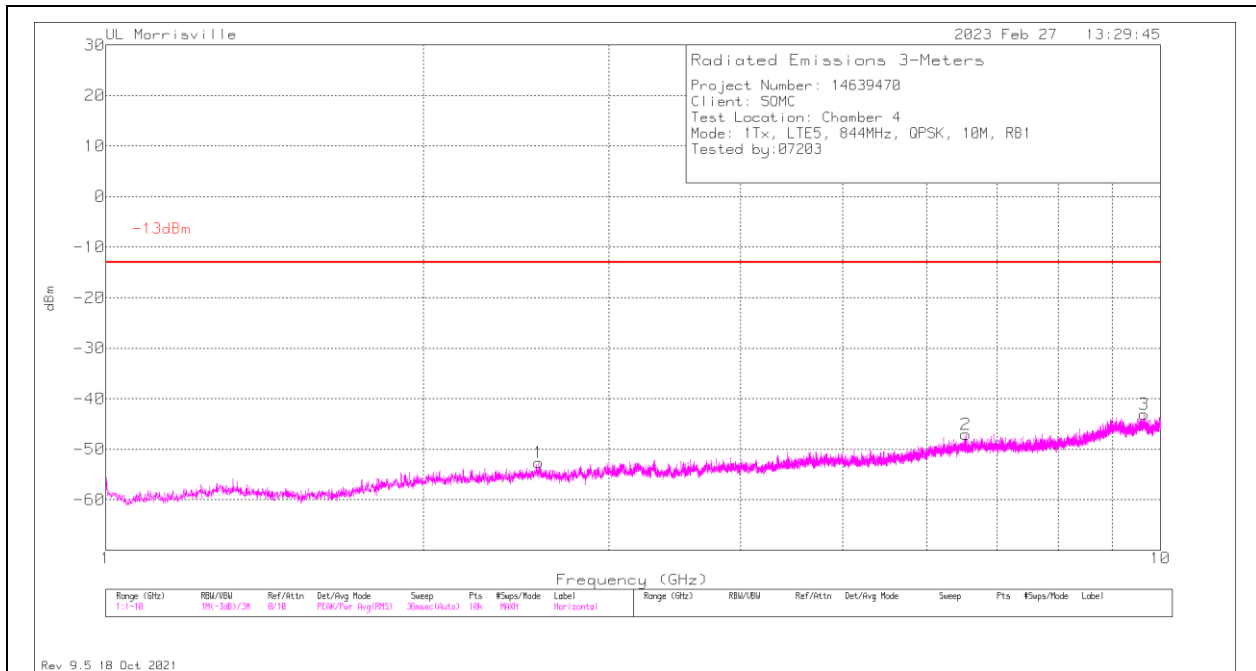
VERTICAL

RADIATED EMISSIONS

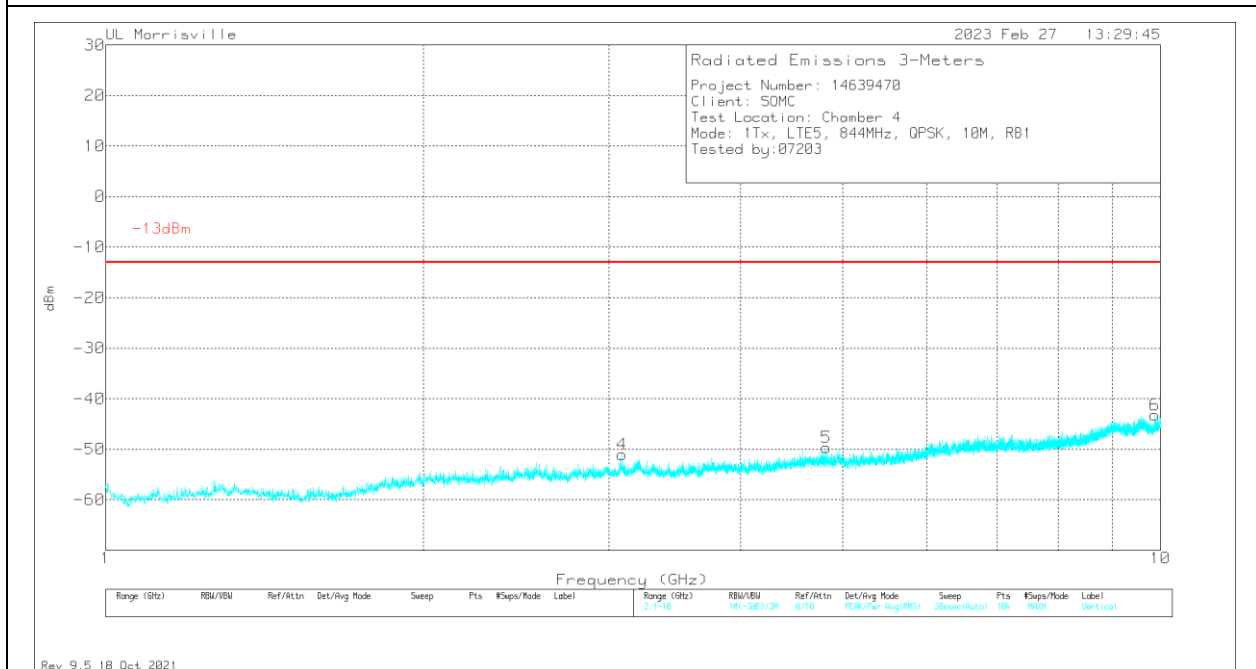
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | Filter (dB) | CF (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|-------------|---------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 2.449 | -61.86 | Pk | 32.3 | -36.1 | .4 | 11.8 | -53.46 | -13 | -40.46 | 0-360 | 100 | H |
| 4 | 2.5291 | -62.01 | Pk | 32.7 | -36.1 | .4 | 11.8 | -53.21 | -13 | -40.21 | 0-360 | 300 | V |
| 2 | 6.2389 | -66.1 | Pk | 35.5 | -29.7 | .8 | 11.8 | -47.7 | -13 | -34.7 | 0-360 | 100 | H |
| 5 | 7.1632 | -66.32 | Pk | 35.7 | -28.8 | .6 | 11.8 | -47.02 | -13 | -34.02 | 0-360 | 200 | V |
| 3 | 9.1207 | -65.59 | Pk | 36.2 | -26.5 | .6 | 11.8 | -43.49 | -13 | -30.49 | 0-360 | 100 | H |
| 6 | 9.6634 | -66.49 | Pk | 36.7 | -26.5 | .8 | 11.8 | -43.69 | -13 | -30.69 | 0-360 | 200 | V |

Pk - Peak detector

QPSK HIGH CHANNEL



HORIZONTAL



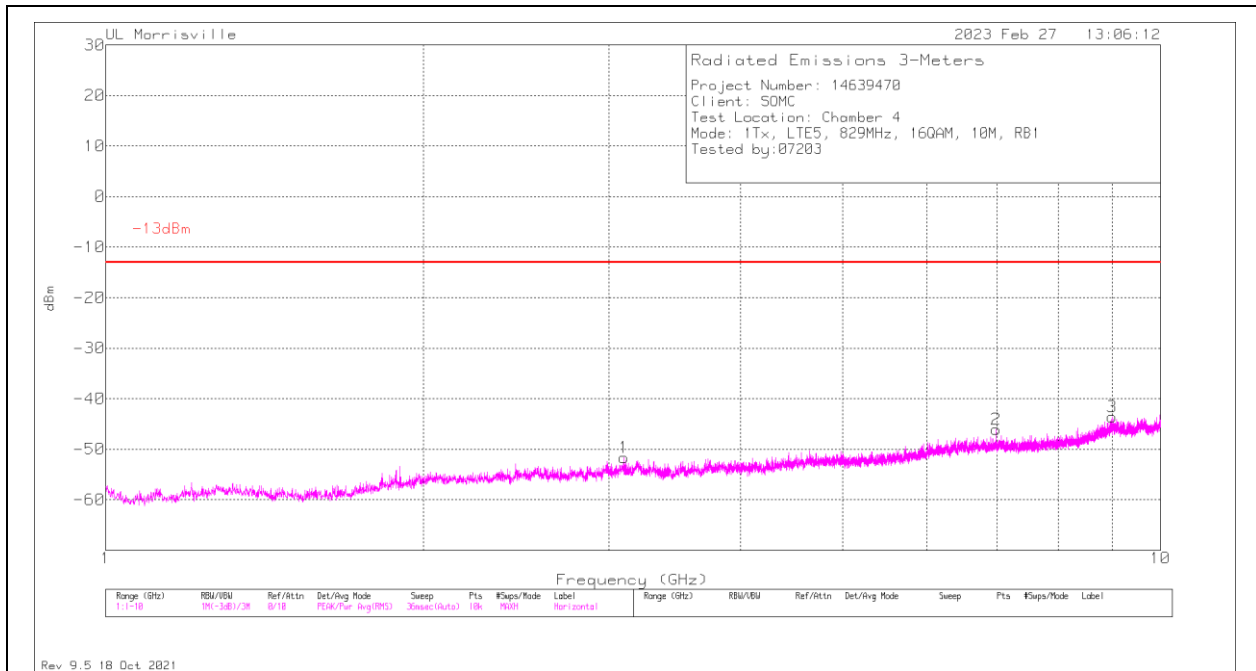
VERTICAL

RADIATED EMISSIONS

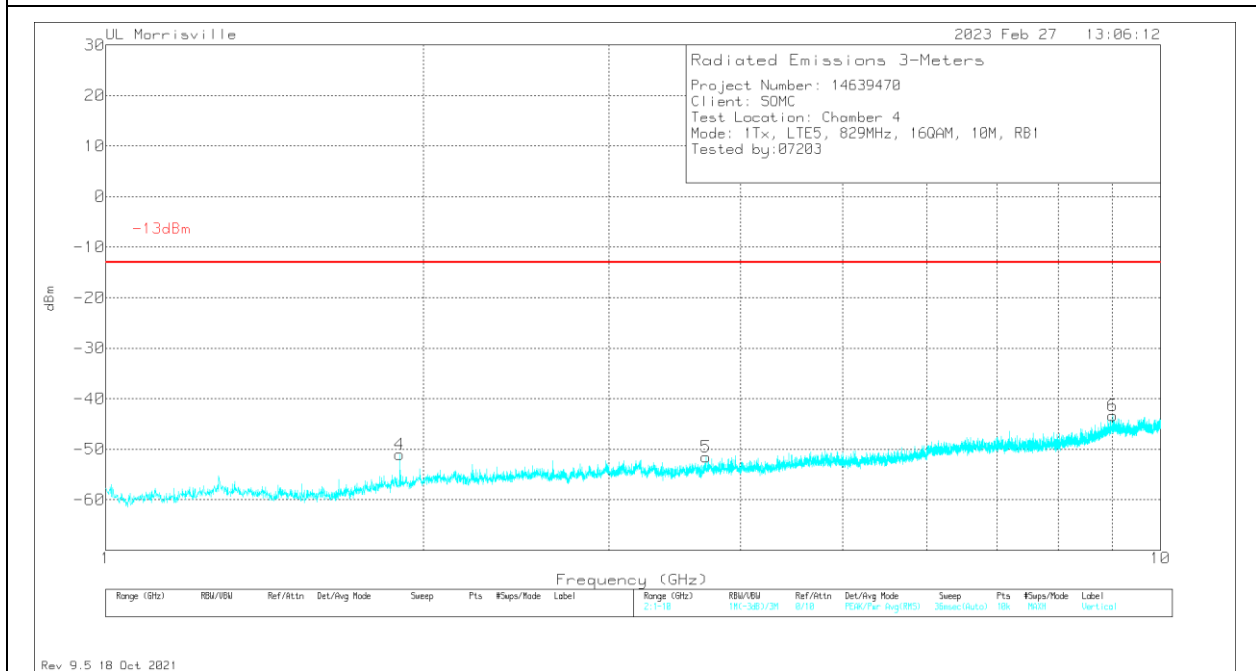
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | Filter (dB) | CF (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|-------------|---------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 2.575 | -61.5 | Pk | 32.7 | -36.1 | .4 | 11.8 | -52.7 | -13 | -39.7 | 0-360 | 200 | H |
| 4 | 3.0871 | -61.03 | Pk | 33.1 | -35.6 | .7 | 11.8 | -51.03 | -13 | -38.03 | 0-360 | 200 | V |
| 5 | 4.8214 | -63.63 | Pk | 34.1 | -32.2 | .3 | 11.8 | -49.63 | -13 | -36.63 | 0-360 | 200 | V |
| 2 | 6.5386 | -66.01 | Pk | 35.6 | -29.2 | .7 | 11.8 | -47.11 | -13 | -34.11 | 0-360 | 100 | H |
| 3 | 9.6535 | -65.97 | Pk | 36.7 | -26.4 | .8 | 11.8 | -43.07 | -13 | -30.07 | 0-360 | 100 | H |
| 6 | 9.8749 | -66.32 | Pk | 36.9 | -26.4 | .8 | 11.8 | -43.22 | -13 | -30.22 | 0-360 | 300 | V |

Pk - Peak detector

16QAM LOW CHANNEL



HORIZONTAL



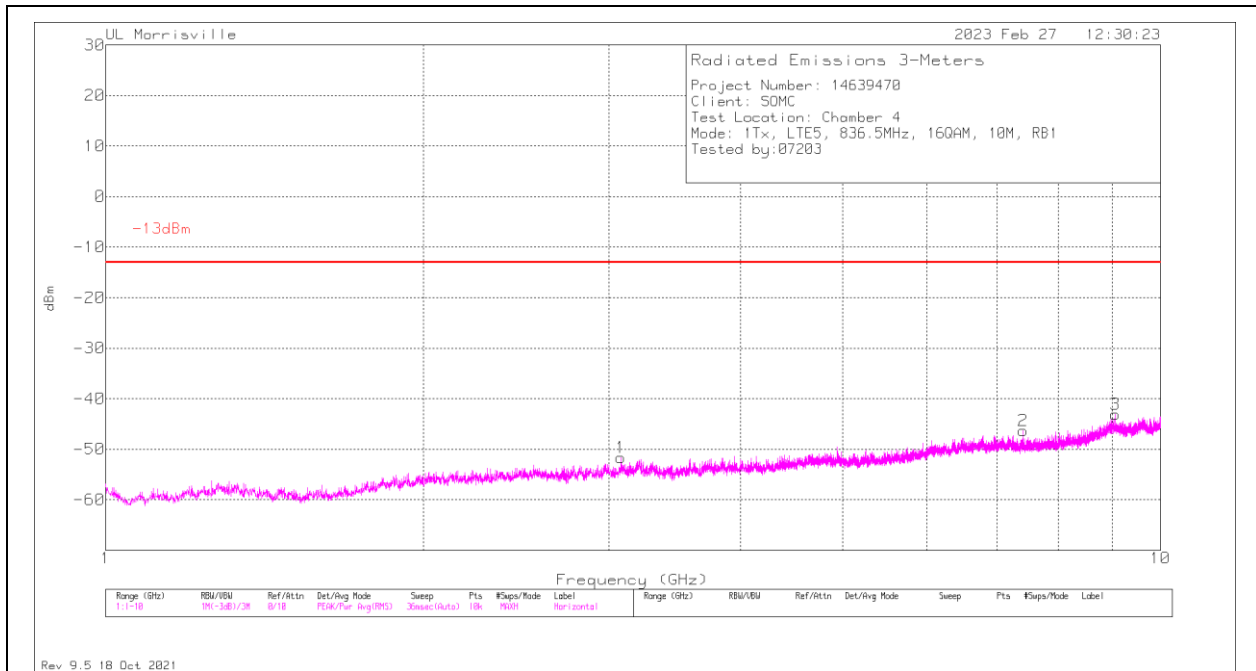
VERTICAL

RADIATED EMISSIONS

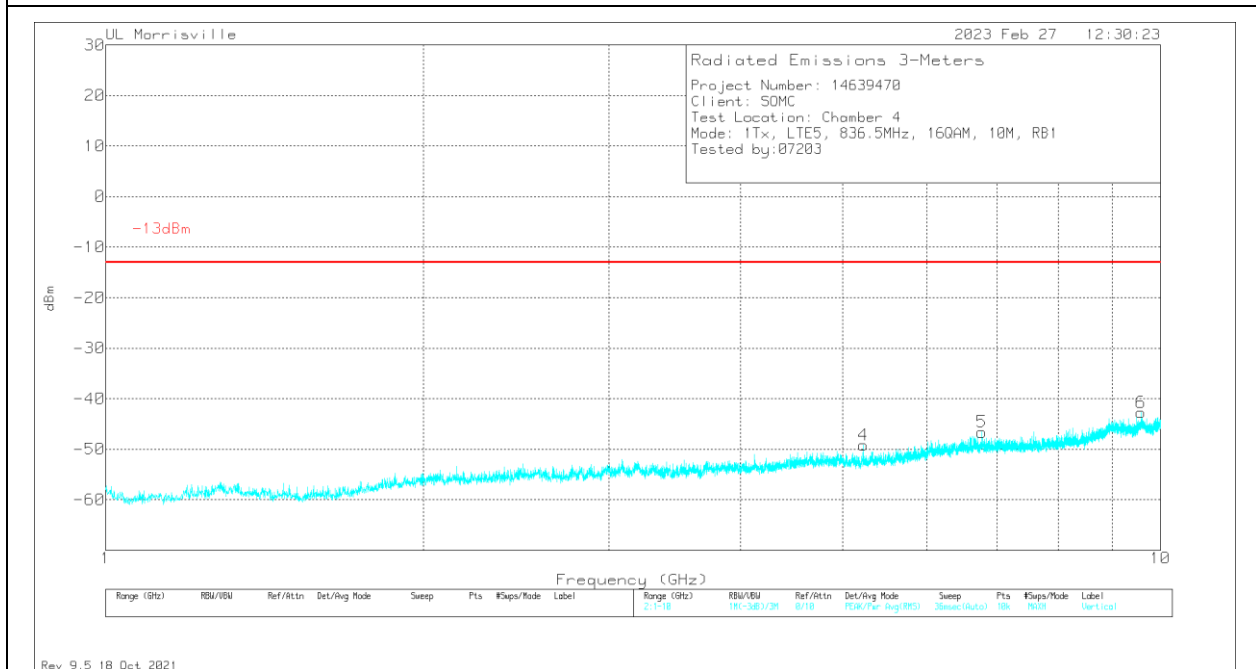
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | Filter (dB) | CF (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|-------------|---------|-----------------------|--------|-------------|----------------|-------------|----------|
| 4 | 1.9 | -58.19 | Pk | 31.2 | -36.3 | .4 | 11.8 | -51.09 | -13 | -38.09 | 0-360 | 200 | V |
| 1 | 3.0988 | -61.57 | Pk | 33.1 | -35.6 | .6 | 11.8 | -51.67 | -13 | -38.67 | 0-360 | 100 | H |
| 5 | 3.7063 | -63.2 | Pk | 33.3 | -33.9 | .5 | 11.8 | -51.5 | -13 | -38.5 | 0-360 | 200 | V |
| 2 | 6.9904 | -65.23 | Pk | 35.7 | -28.9 | .5 | 11.8 | -46.13 | -13 | -33.13 | 0-360 | 100 | H |
| 3 | 8.9992 | -65.79 | Pk | 36.1 | -26.2 | .5 | 11.8 | -43.59 | -13 | -30.59 | 0-360 | 100 | H |
| 6 | 9.0127 | -65.52 | Pk | 36.1 | -26.1 | .4 | 11.8 | -43.32 | -13 | -30.32 | 0-360 | 300 | V |

Pk - Peak detector

16QAM MID CHANNEL



HORIZONTAL



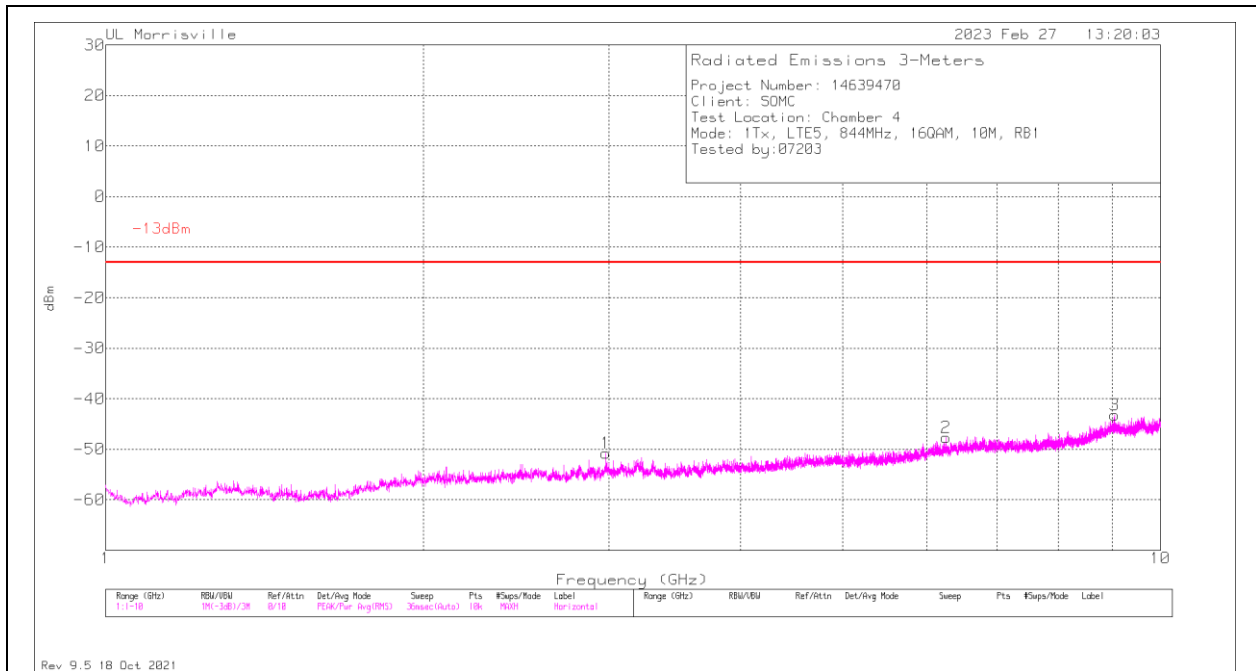
VERTICAL

RADIATED EMISSIONS

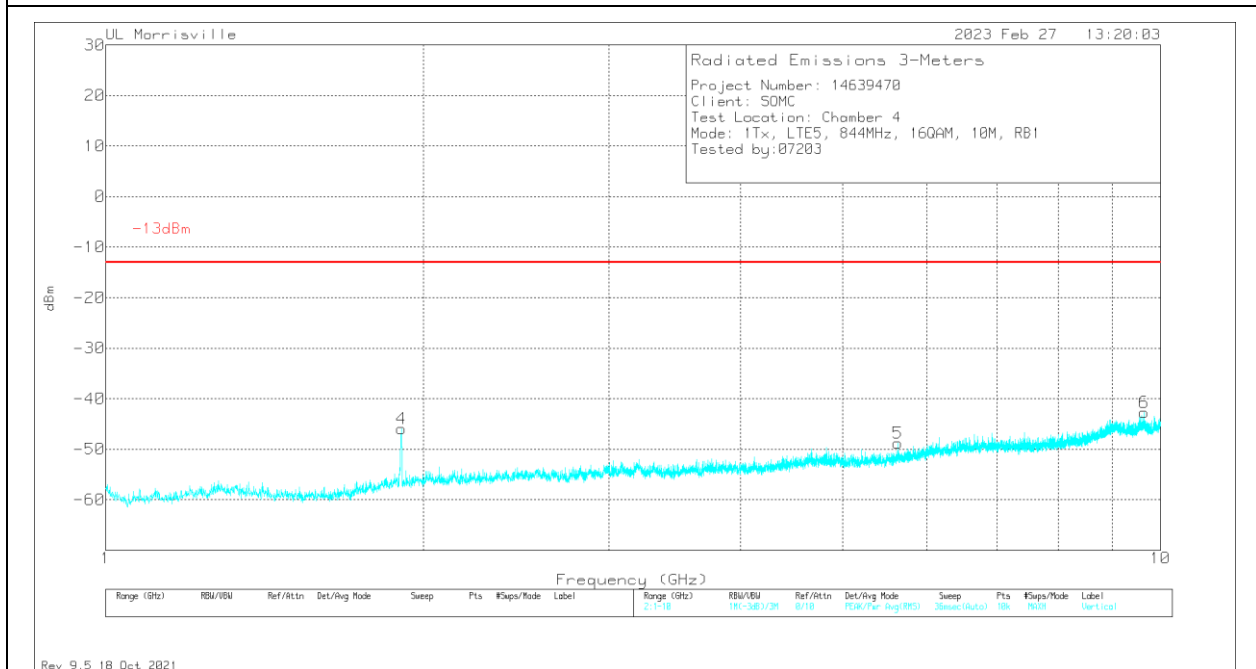
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | Filter (dB) | CF (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|-------------|---------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 3.079 | -61.79 | Pk | 33.1 | -35.5 | .7 | 11.8 | -51.69 | -13 | -38.69 | 0-360 | 100 | H |
| 4 | 5.2246 | -63.45 | Pk | 34.2 | -32.1 | .4 | 11.8 | -49.15 | -13 | -36.15 | 0-360 | 300 | V |
| 5 | 6.7744 | -65.23 | Pk | 35.6 | -29.5 | .7 | 11.8 | -46.63 | -13 | -33.63 | 0-360 | 300 | V |
| 2 | 7.4116 | -65.37 | Pk | 35.6 | -28.9 | .5 | 11.8 | -46.37 | -13 | -33.37 | 0-360 | 100 | H |
| 3 | 9.0631 | -65.1 | Pk | 36.1 | -26.5 | .6 | 11.8 | -43.1 | -13 | -30.1 | 0-360 | 100 | H |
| 6 | 9.5896 | -65.64 | Pk | 36.7 | -26.3 | .7 | 11.8 | -42.74 | -13 | -29.74 | 0-360 | 300 | V |

Pk - Peak detector

16QAM HIGH CHANNEL



HORIZONTAL



VERTICAL

RADIATED EMISSIONS

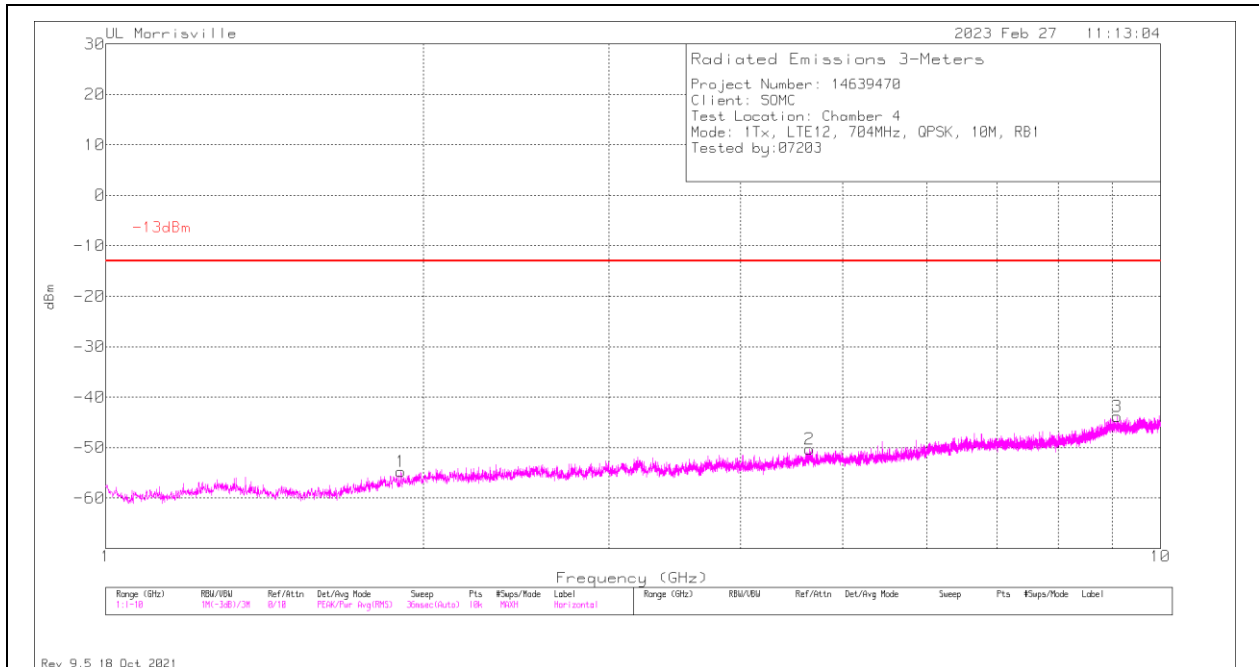
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | Filter (dB) | CF (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|-------------|---------|-----------------------|--------|-------------|----------------|-------------|----------|
| 4 | 1.9081 | -53.18 | Pk | 31.1 | -36.1 | .4 | 11.8 | -45.98 | -13 | -32.98 | 0-360 | 300 | V |
| 1 | 2.9809 | -60.26 | Pk | 32.9 | -35.7 | .5 | 11.8 | -50.76 | -13 | -37.76 | 0-360 | 100 | H |
| 5 | 5.635 | -64.21 | Pk | 34.8 | -31.6 | .4 | 11.8 | -48.81 | -13 | -35.81 | 0-360 | 300 | V |
| 2 | 6.265 | -65.74 | Pk | 35.5 | -30 | .7 | 11.8 | -47.74 | -13 | -34.74 | 0-360 | 100 | H |
| 3 | 9.0514 | -65.2 | Pk | 36.1 | -26.5 | .6 | 11.8 | -43.2 | -13 | -30.2 | 0-360 | 200 | H |
| 6 | 9.6445 | -65.69 | Pk | 36.7 | -26.4 | .9 | 11.8 | -42.69 | -13 | -29.69 | 0-360 | 200 | V |

Pk - Peak detector

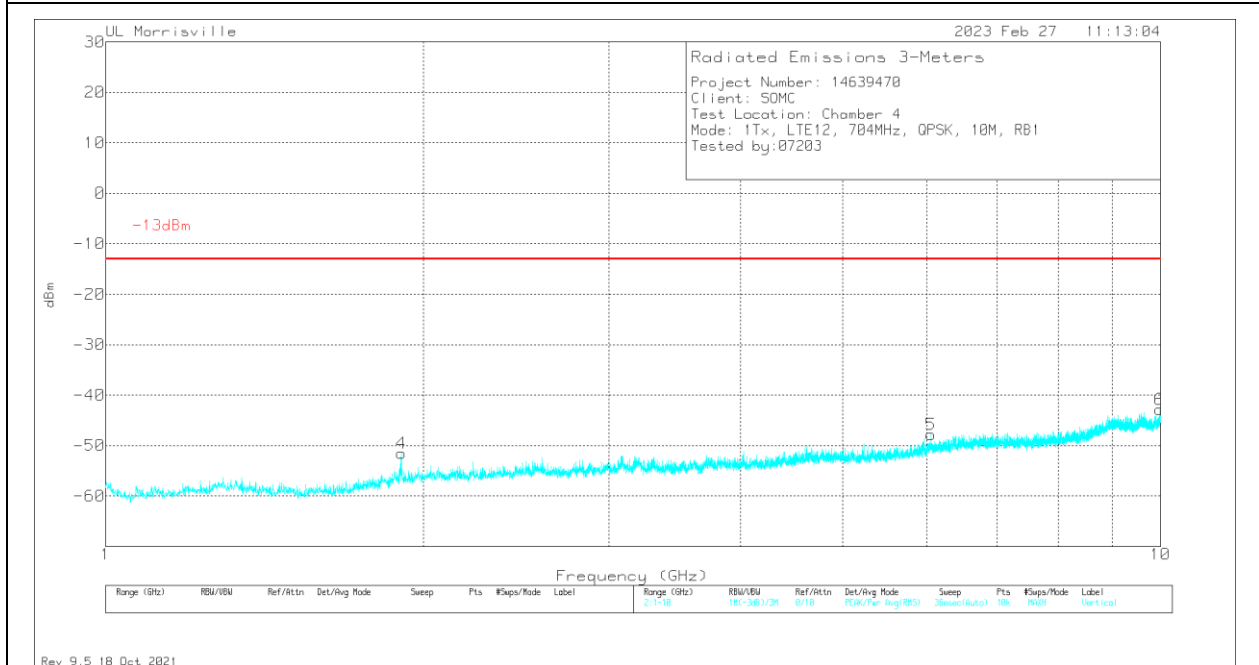
11.1.8. LTE12

| | | | | | |
|--------------------------|-------|-------------------|------------|---------------------|------------|
| Test Engineer ID: | 07203 | Test Date: | 2023-02-27 | Sample Used: | QV77003JFR |
|--------------------------|-------|-------------------|------------|---------------------|------------|

QPSK LOW CHANNEL



HORIZONTAL



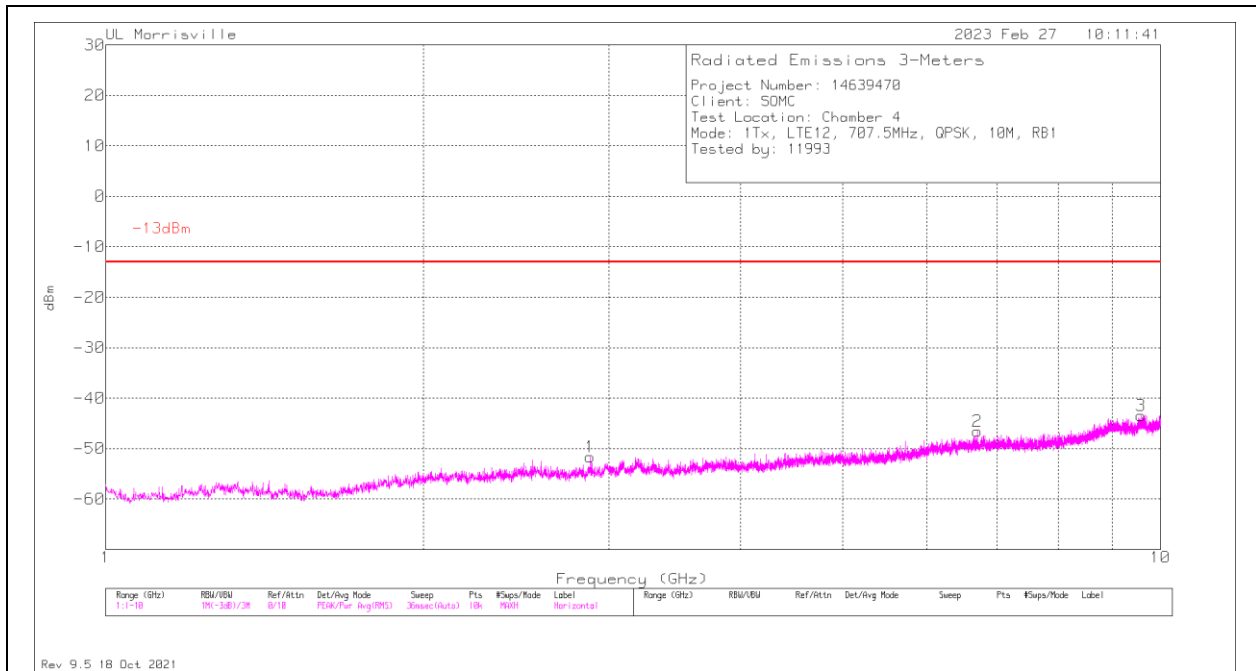
VERTICAL

RADIATED EMISSIONS

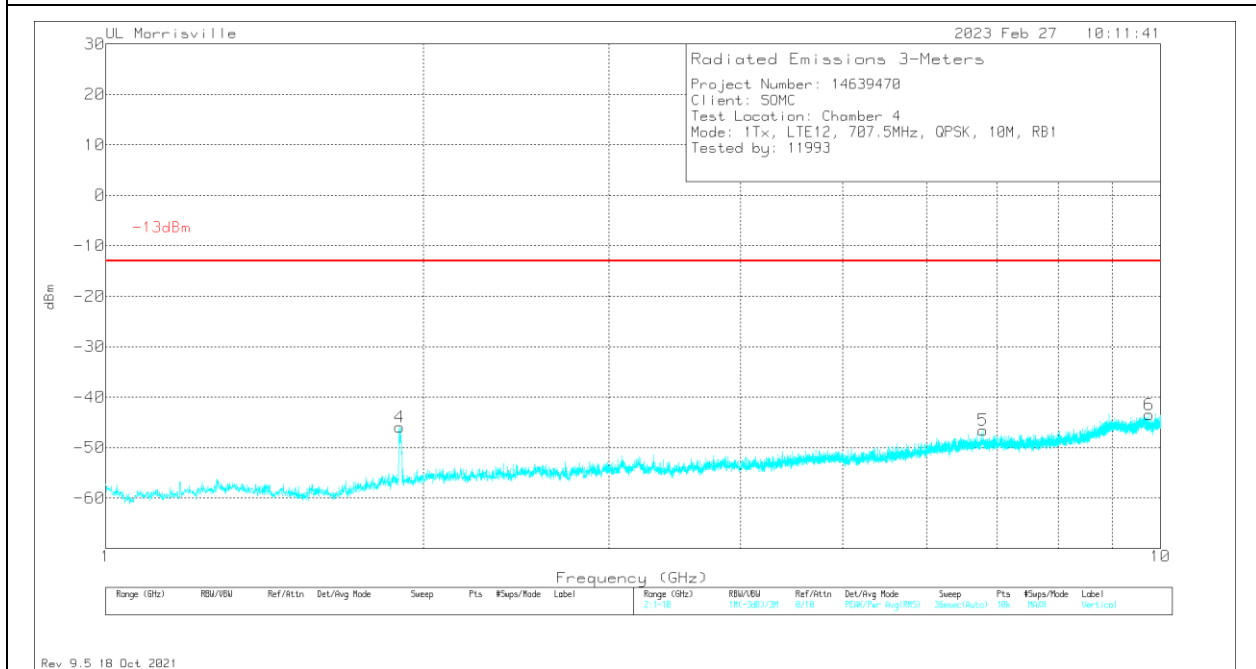
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | Filter (dB) | CF (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|-------------|---------|-----------------------|--------|-------------|----------------|-------------|----------|
| 1 | 1.9054 | -62.01 | Pk | 31.1 | -36.1 | .4 | 11.8 | -54.81 | -13 | -41.81 | 0-360 | 100 | H |
| 4 | 1.9072 | -58.79 | Pk | 31.1 | -36.1 | .4 | 11.8 | -51.59 | -13 | -38.59 | 0-360 | 300 | V |
| 2 | 4.6504 | -64.3 | Pk | 34 | -32.2 | .4 | 11.8 | -50.3 | -13 | -37.3 | 0-360 | 100 | H |
| 5 | 6.0607 | -65.34 | Pk | 35.3 | -30.3 | .7 | 11.8 | -47.84 | -13 | -34.84 | 0-360 | 200 | V |
| 3 | 9.0982 | -65.86 | Pk | 36.2 | -26.7 | .7 | 11.8 | -43.86 | -13 | -30.86 | 0-360 | 200 | H |
| 6 | 9.9892 | -65.71 | Pk | 37.1 | -26.6 | .6 | 11.8 | -42.81 | -13 | -29.81 | 0-360 | 300 | V |

Pk - Peak detector

QPSK MID CHANNEL



HORIZONTAL



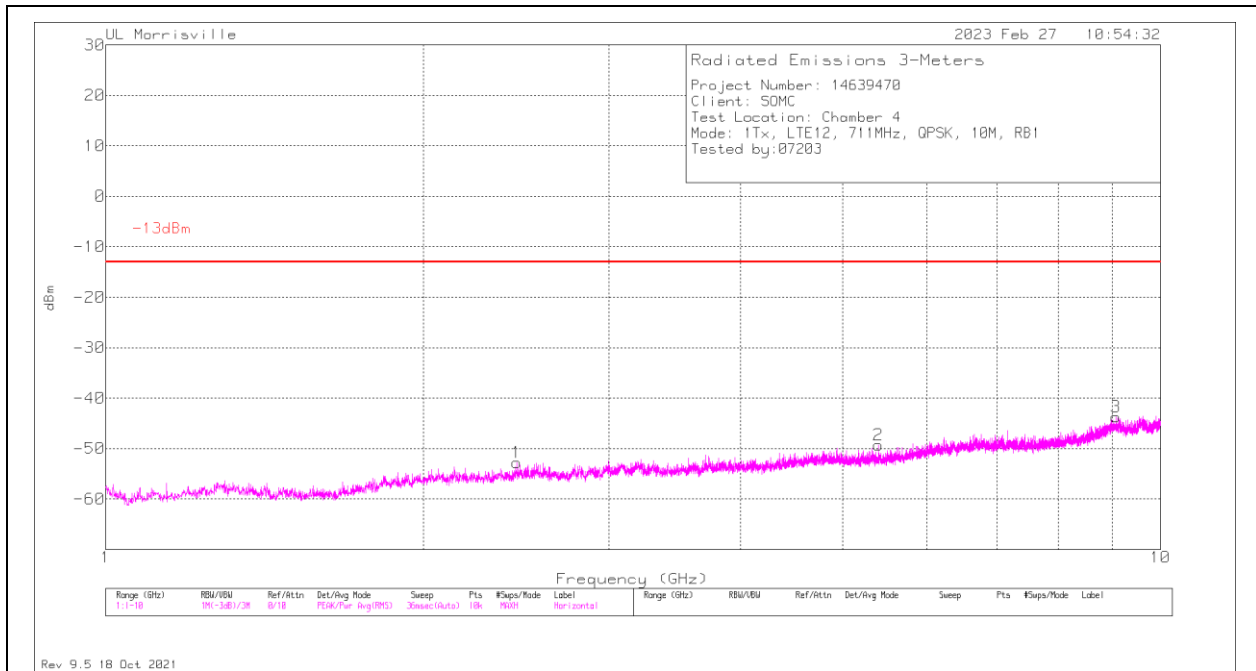
VERTICAL

RADIATED EMISSIONS

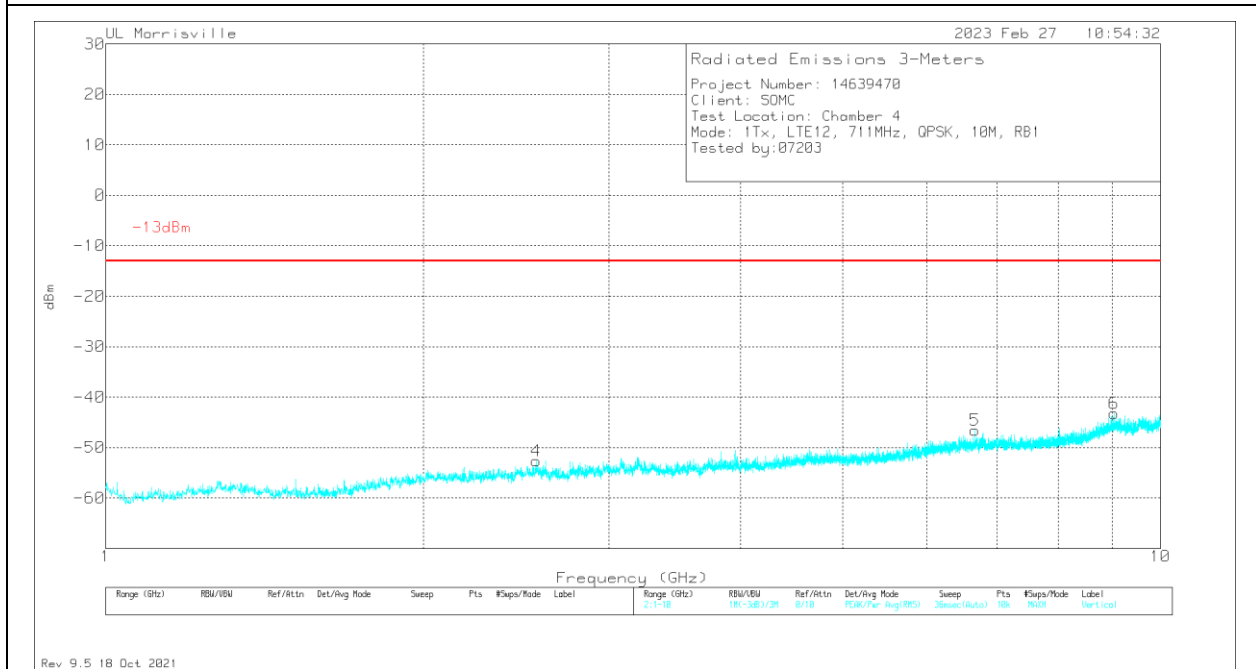
| Marker | Frequency (GHz) | Meter Reading (dBm) | Det | AT0067 (dB/m) | Gain/Loss (dB) | Filter (dB) | CF (dB) | Corrected Reading dBm | -13dBm | Margin (dB) | Azimuth (Degs) | Height (cm) | Polarity |
|--------|-----------------|---------------------|-----|---------------|----------------|-------------|---------|-----------------------|--------|-------------|----------------|-------------|----------|
| 4 | 1.8982 | -53 | Pk | 31.2 | -36.4 | .4 | 11.8 | -46 | -13 | -33 | 0-360 | 300 | V |
| 1 | 2.8801 | -60.8 | Pk | 32.7 | -35.8 | .4 | 11.8 | -51.7 | -13 | -38.7 | 0-360 | 200 | H |
| 2 | 6.7096 | -65.39 | Pk | 35.6 | -29.1 | .5 | 11.8 | -46.59 | -13 | -33.59 | 0-360 | 200 | H |
| 5 | 6.787 | -65.66 | Pk | 35.6 | -29 | .7 | 11.8 | -46.56 | -13 | -33.56 | 0-360 | 200 | V |
| 3 | 9.5815 | -66.39 | Pk | 36.7 | -26.2 | .6 | 11.8 | -43.49 | -13 | -30.49 | 0-360 | 100 | H |
| 6 | 9.7516 | -66.22 | Pk | 36.8 | -26.7 | .9 | 11.8 | -43.42 | -13 | -30.42 | 0-360 | 300 | V |

Pk - Peak detector

QPSK HIGH CHANNEL



HORIZONTAL



VERTICAL