

### 6.3.1.1 Radiated Emissions Carrier Test Data - TC#5 Steel Container

Plot 6-83: Radiated Emissions of Carrier - TC #5 Steel Container

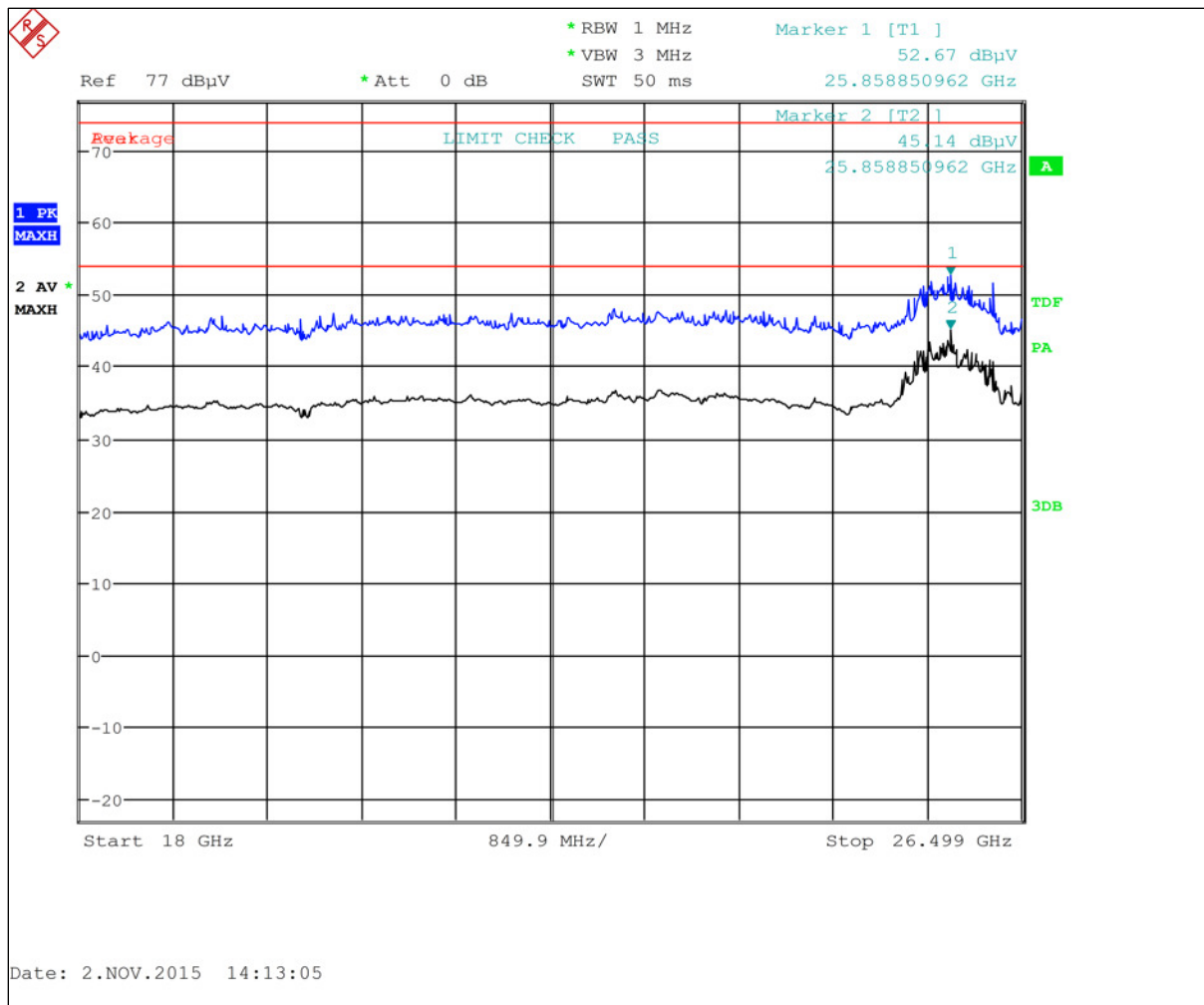
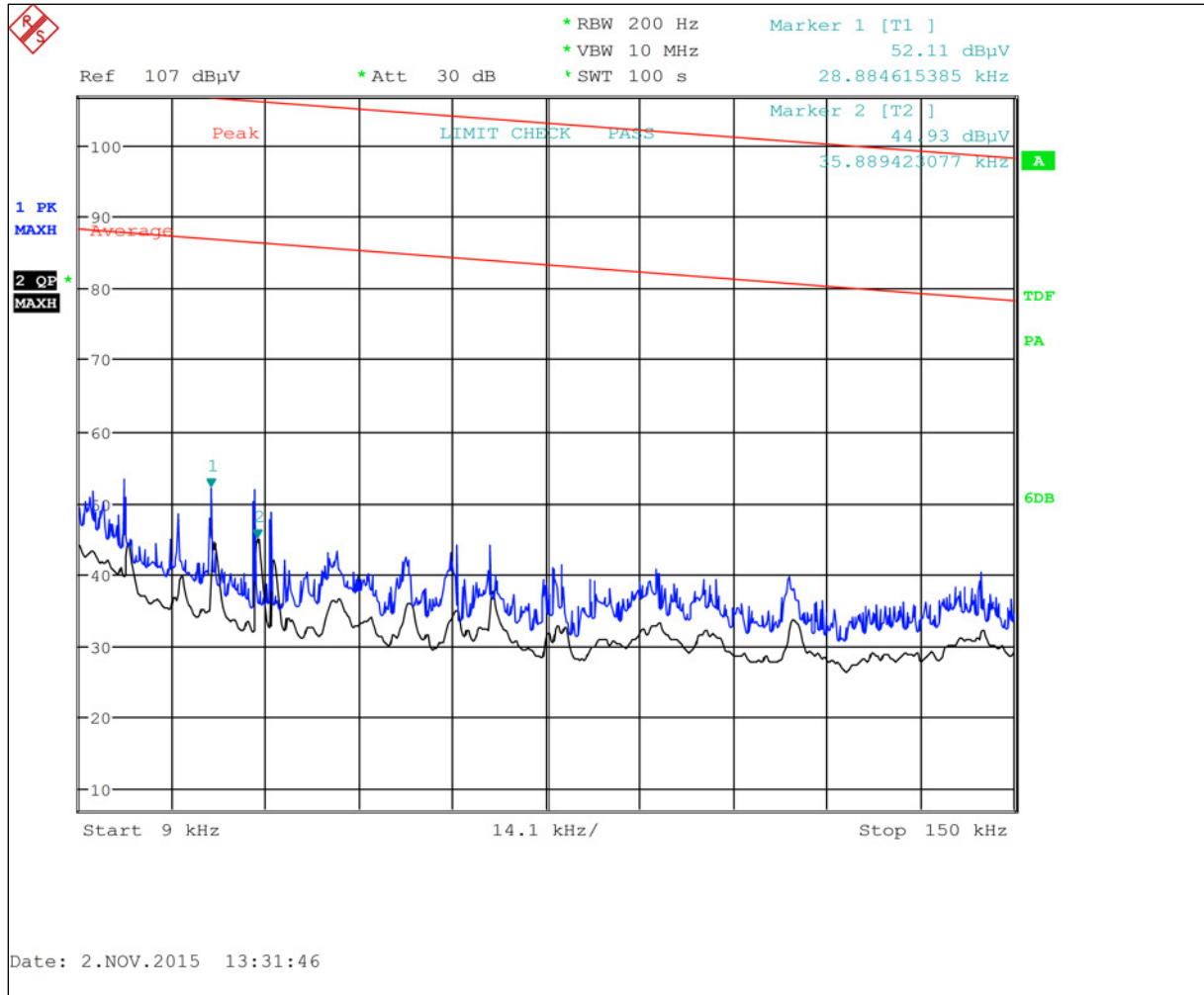


Table 6-5: Radiated Emissions of Carrier – TC #5 Steel Container

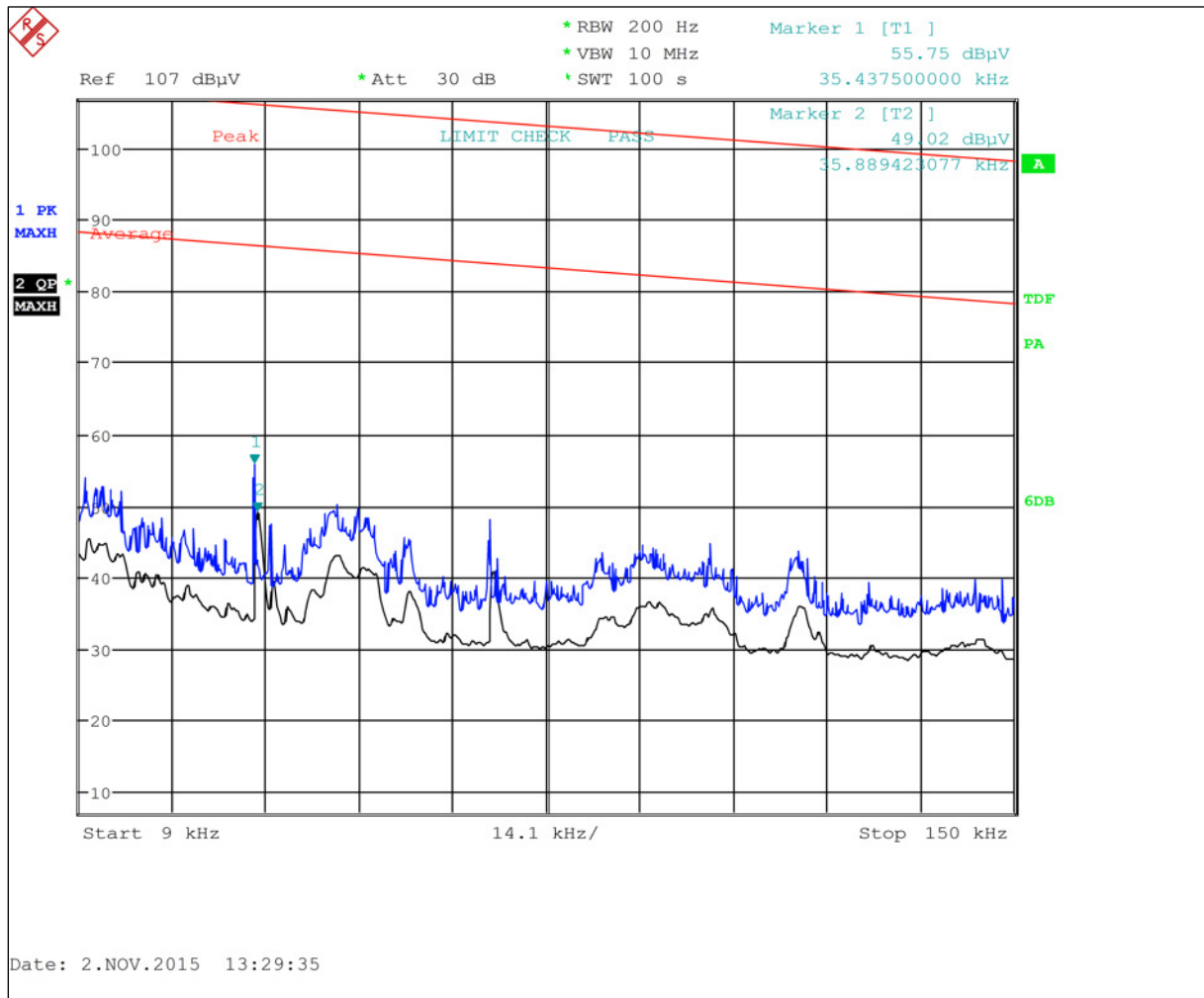
| Frequency (GHz) | Detector | Test Antenna Pol | Corrected Spectrum Analyzer Level (dBμV/m) | FCC Limit (dBμV) | Margin (dB) | Corrected Spectrum Analyzer Level (dBm/MHz) | IC Limit (dBm/MHz) | Margin (dBm) |
|-----------------|----------|------------------|--------------------------------------------|------------------|-------------|---------------------------------------------|--------------------|--------------|
| 25.8588         | Peak     | V                | 52.7                                       | 74.0             | -21.3       | NA                                          |                    |              |
| 25.7635         | Average  | V                | 45.1                                       | 54.0             | -8.9        | -50.1                                       | -41.3              | 8.8          |

### 6.3.1.2 Radiated Emissions Below 1 GHz Test Data – TC#5 Steel Container

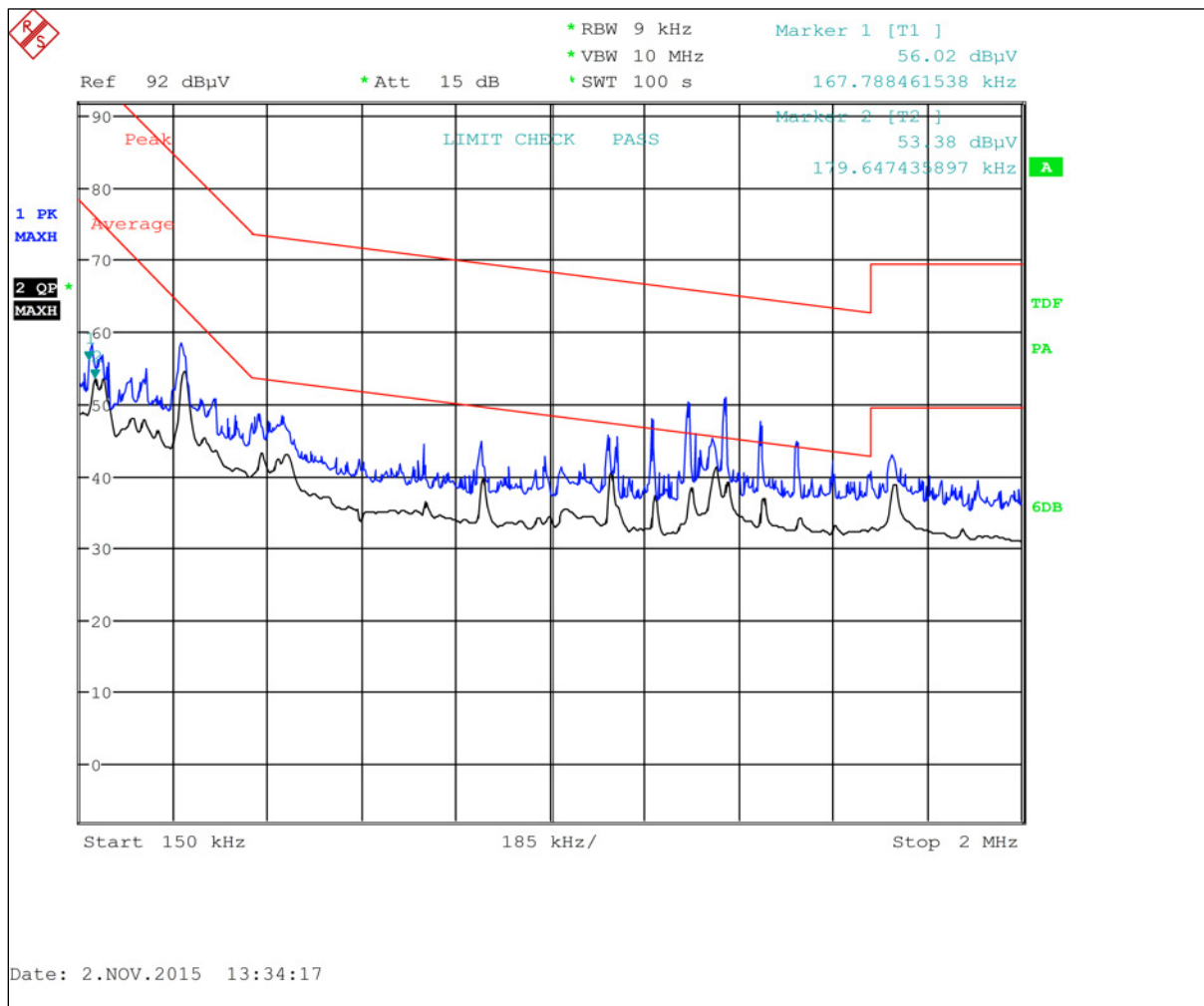
**Plot 6-84: Radiated Emissions Transmit – 9 kHz – 150 kHz Horizontal Peak/Average**



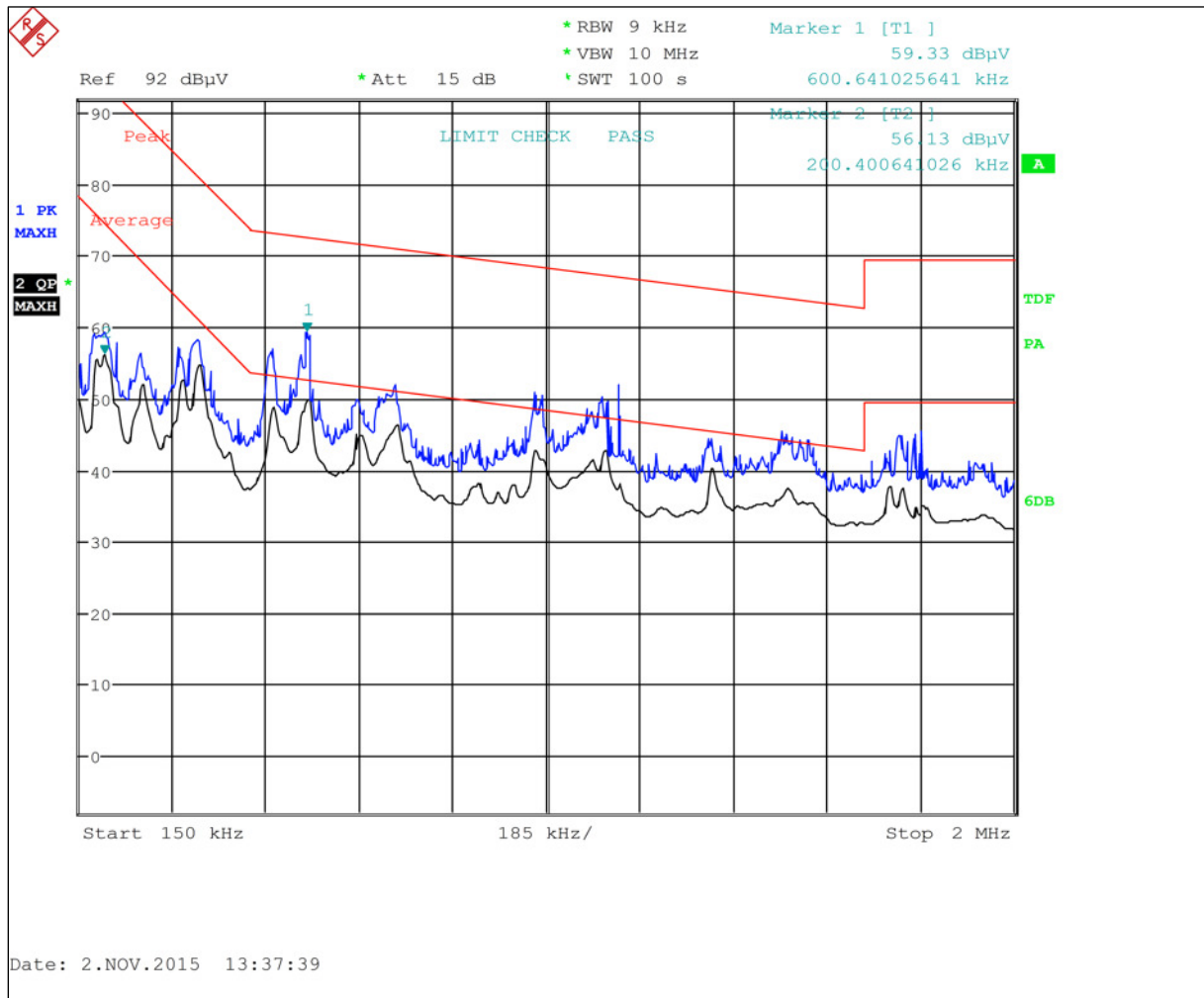
**Plot 6-85: Radiated Emissions Transmit – 9 kHz – 150 kHz Vertical Peak/Average**



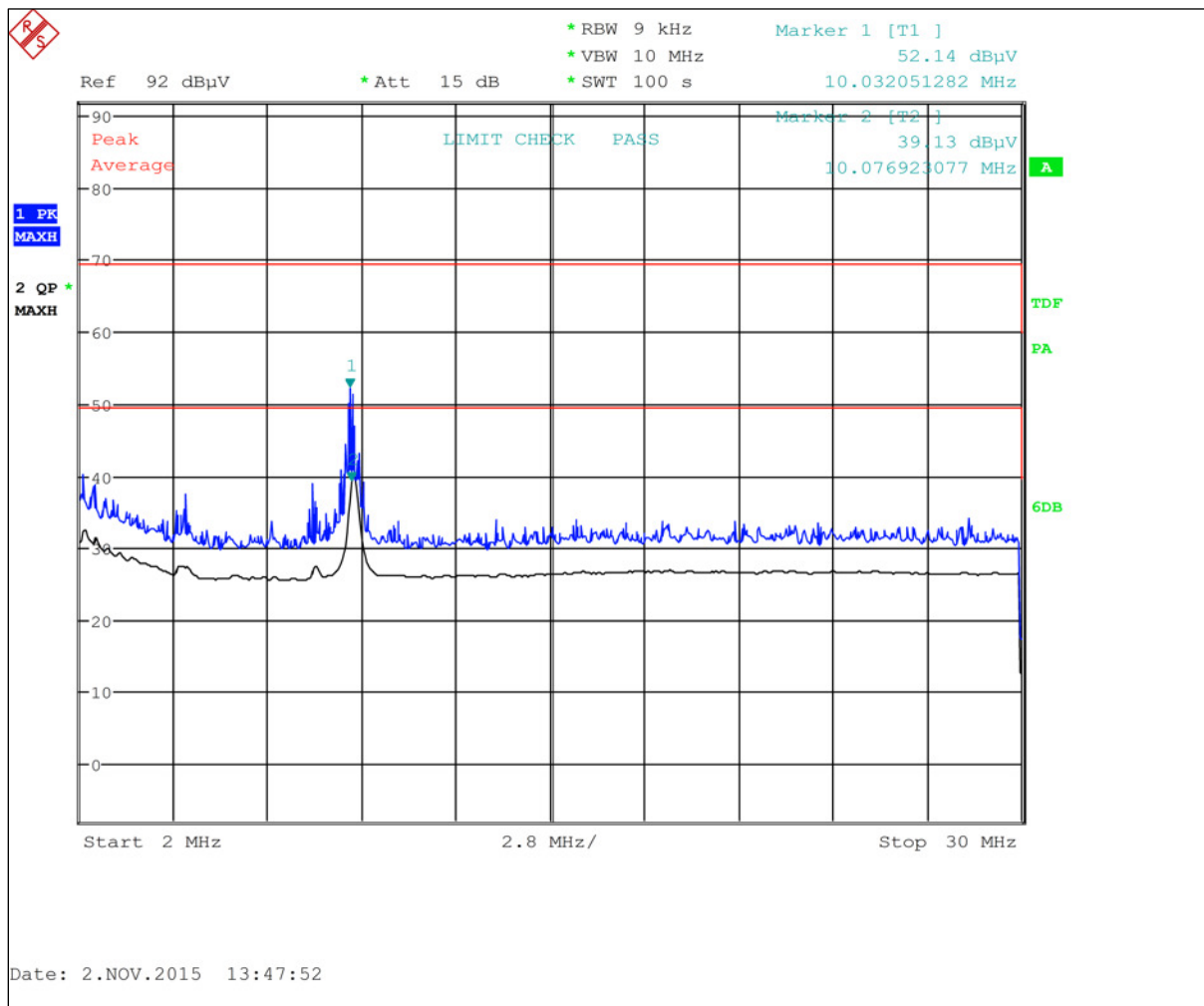
**Plot 6-86: Radiated Emissions Transmit – 150 kHz – 2 MHz Horizontal Peak/Average**



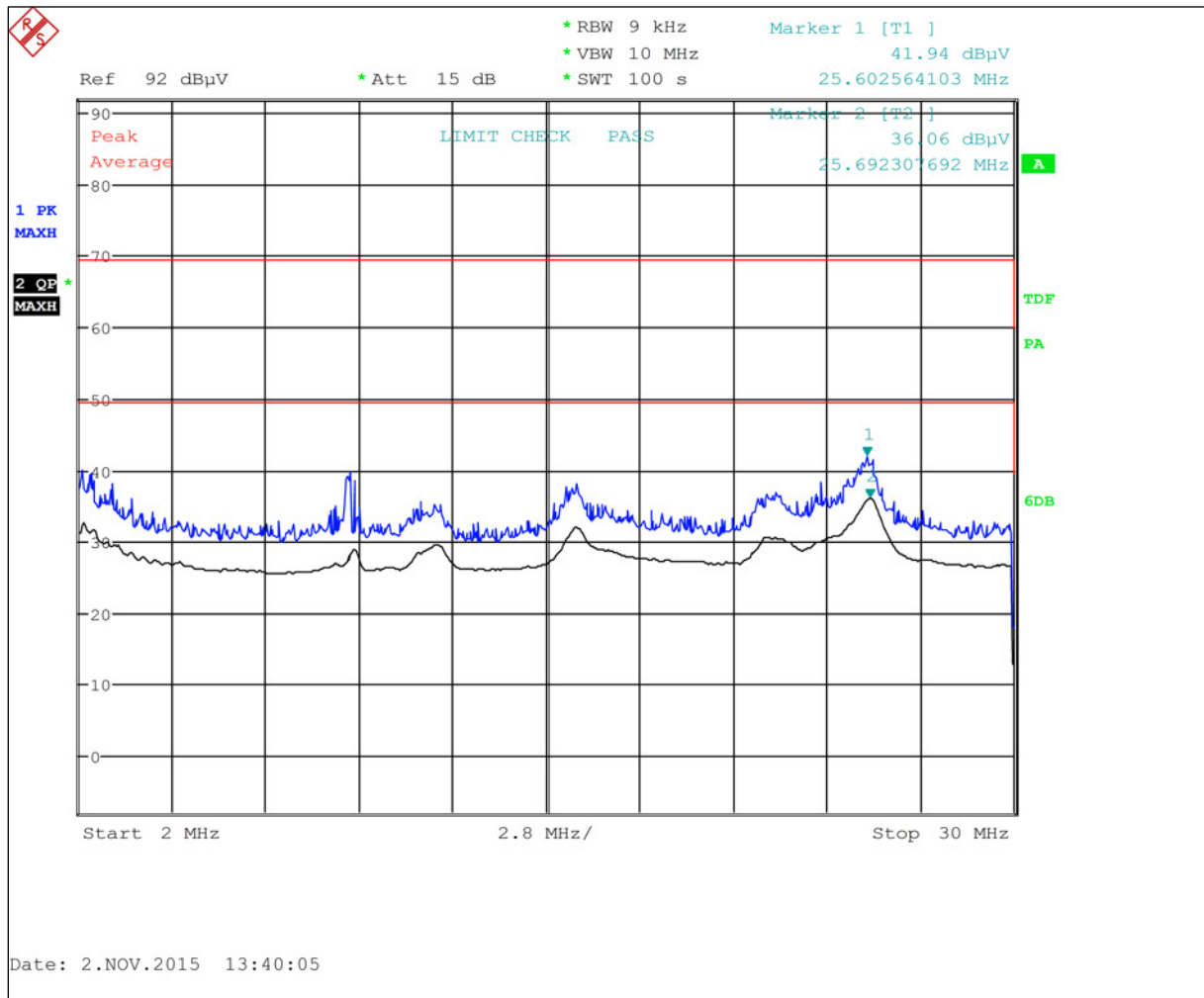
**Plot 6-87: Radiated Emissions Transmit – 150 kHz – 2 MHz Vertical Peak/Average**



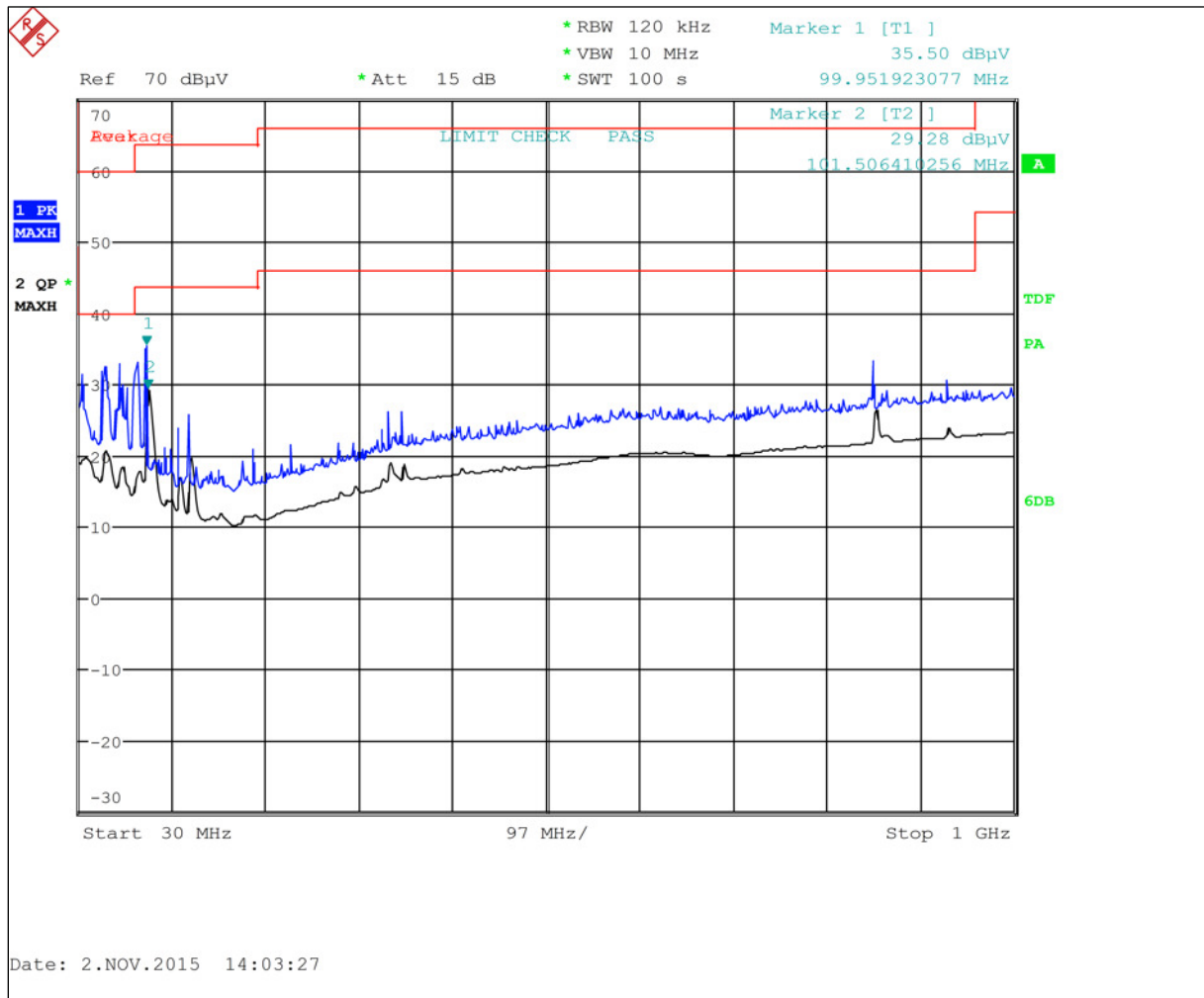
**Plot 6-88: Radiated Emissions Transmit – 2 MHz – 30 MHz Horizontal Peak/Average**



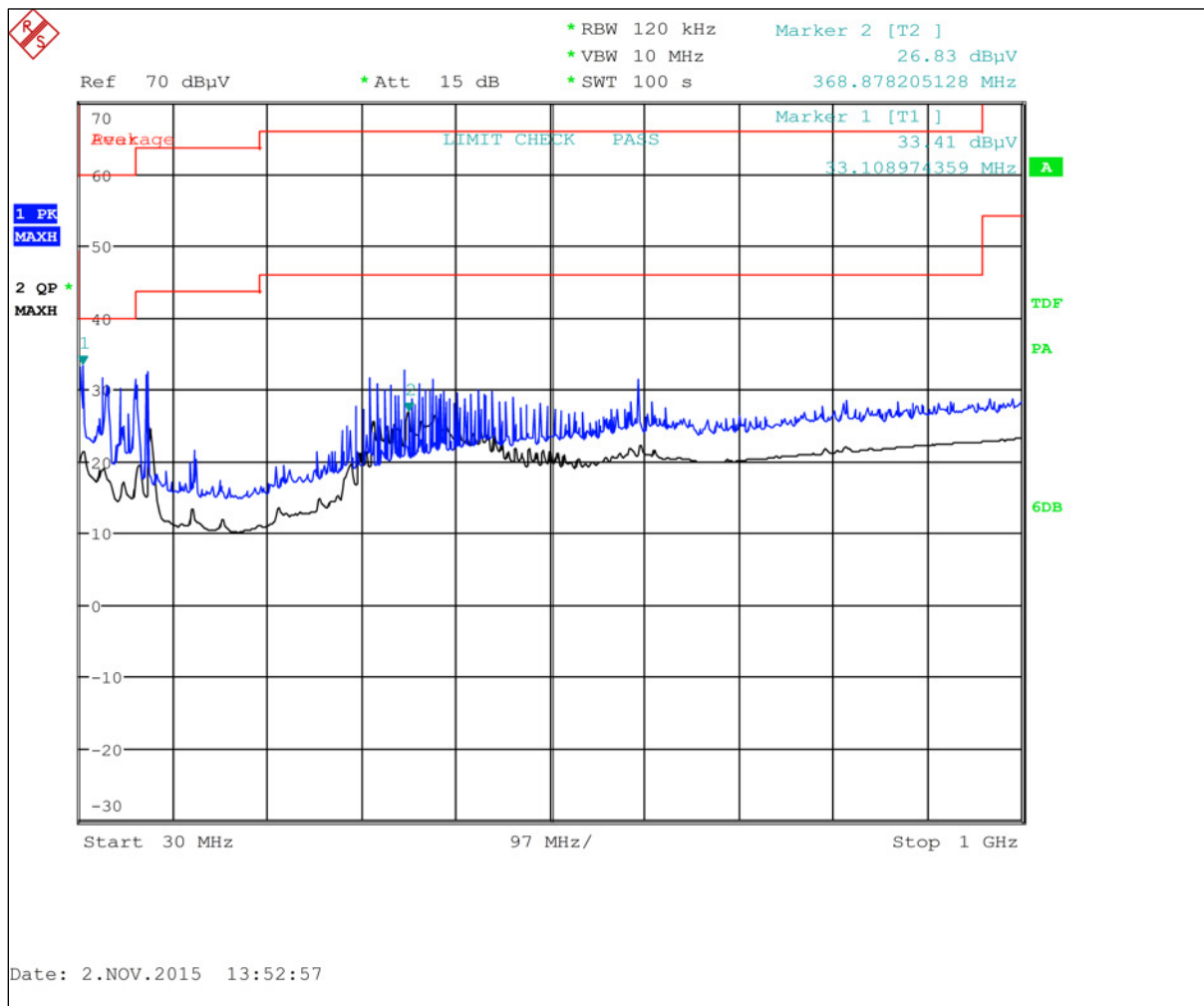
**Plot 6-89: Radiated Emissions Transmit – 2 MHz – 30 MHz Vertical Peak/Average**



**Plot 6-90: Radiated Emissions Transmit – 30 MHz – 1 GHz Horizontal Peak/Average**



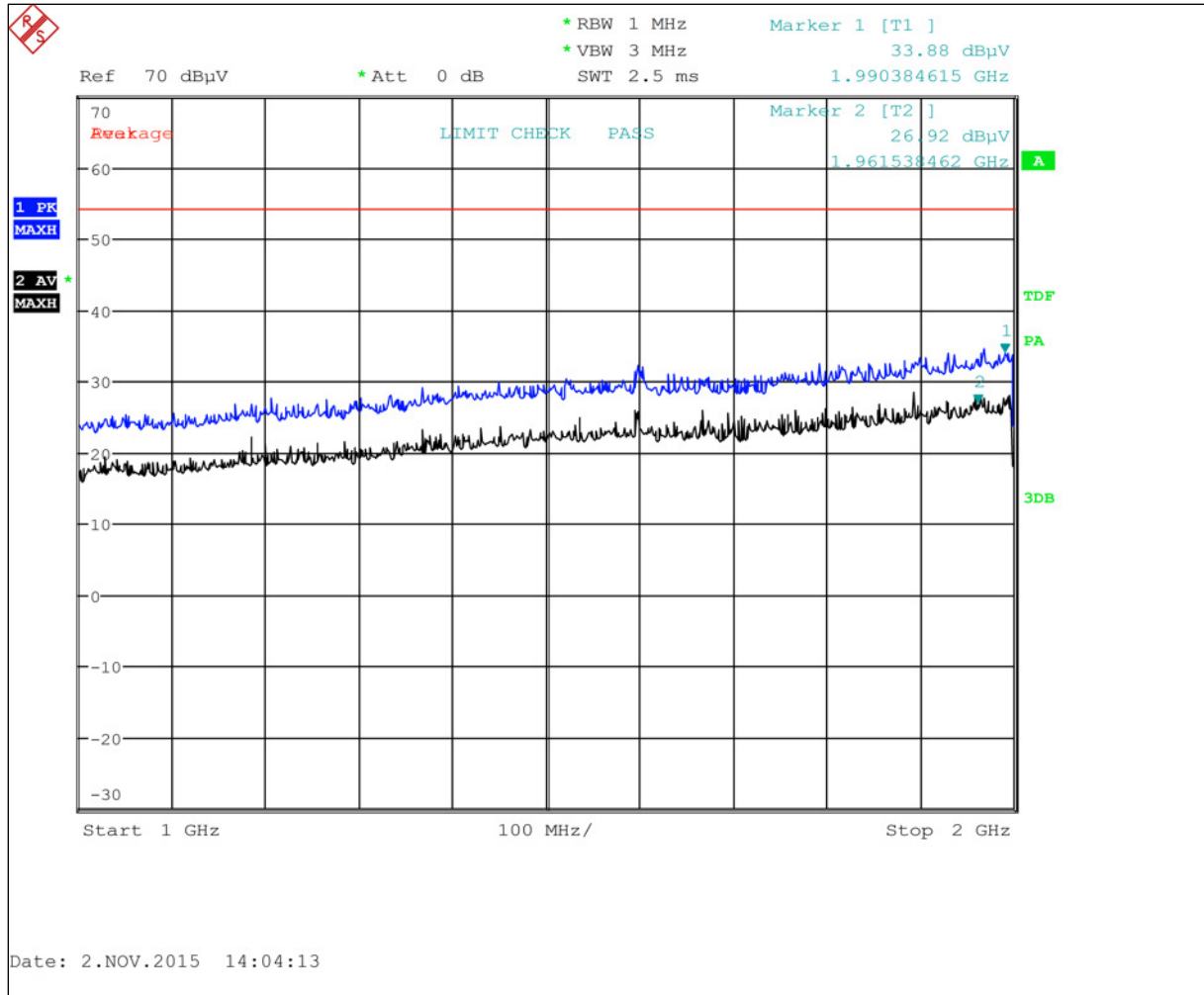
**Plot 6-91: Radiated Emissions Transmit – 30 MHz – 1 GHz Vertical Peak/Average**



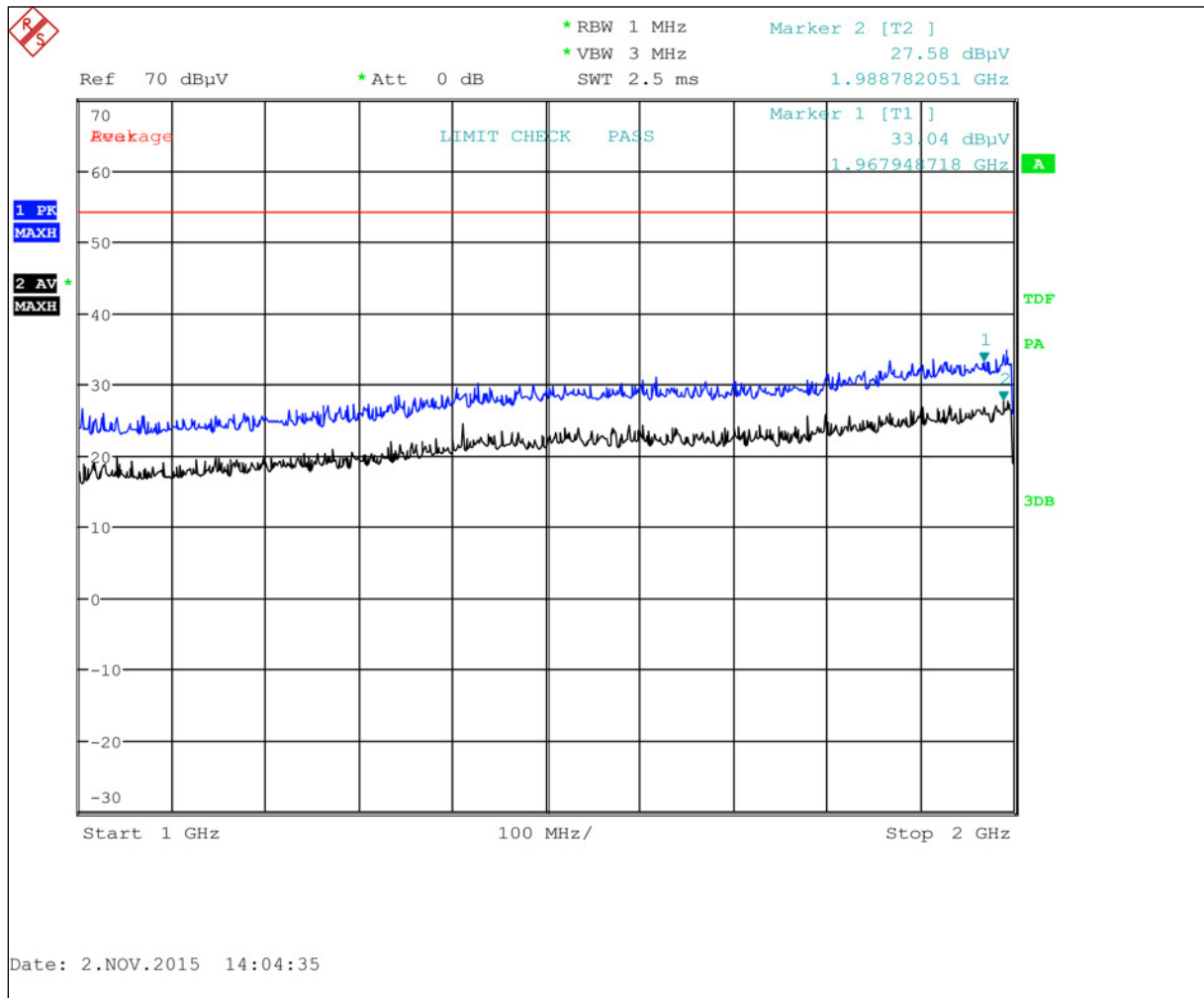
Note: Unwanted emissions were investigated as a digital device (other than harmonics) as required by 15.33(a)(3).

### 6.3.1.3 Radiated Emissions 1 GHz – 26 GHz Test Data – TC#5 Steel Container

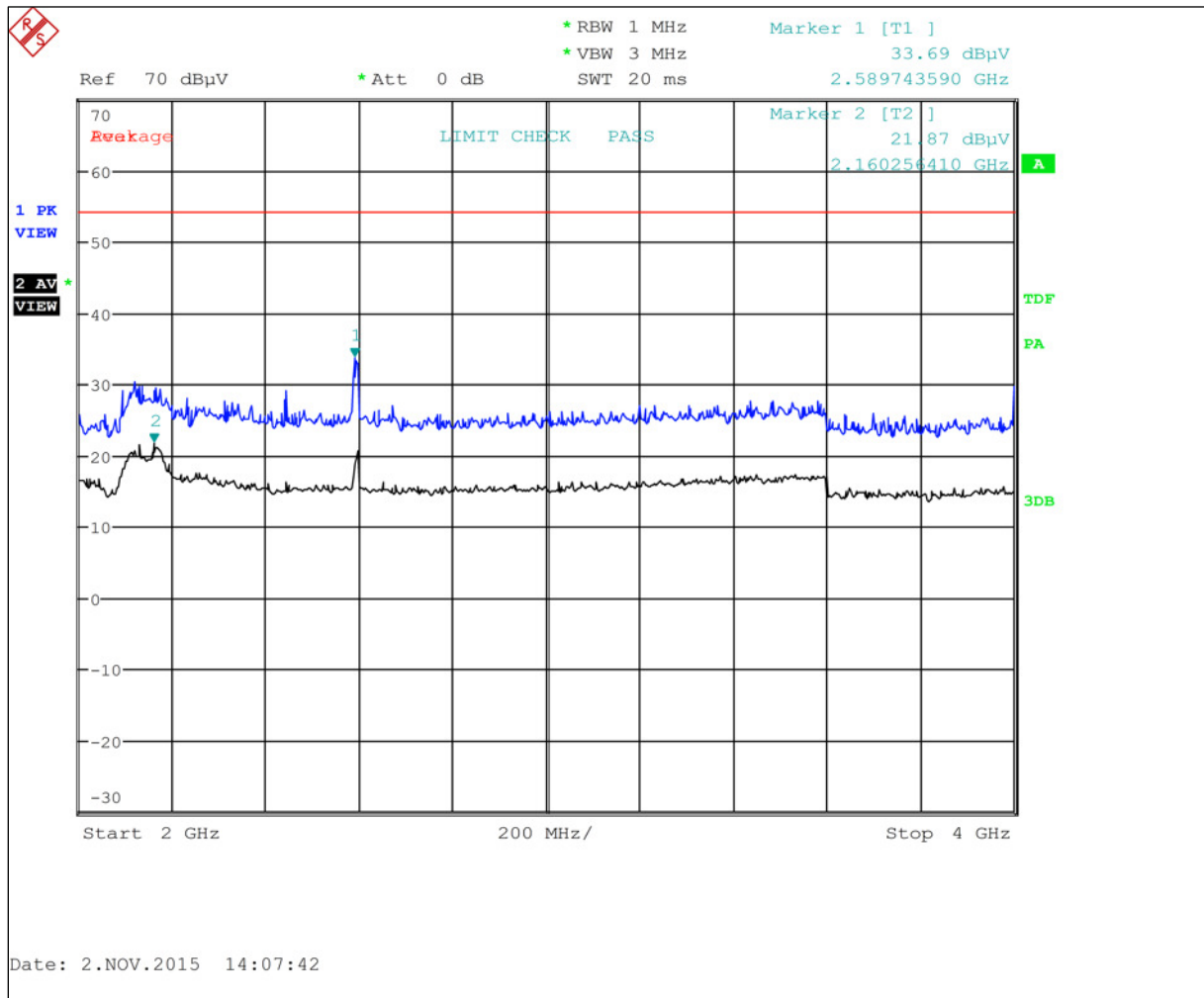
Plot 6-92: Radiated Emissions 1 GHz – 2 GHz Horizontal Peak/Average



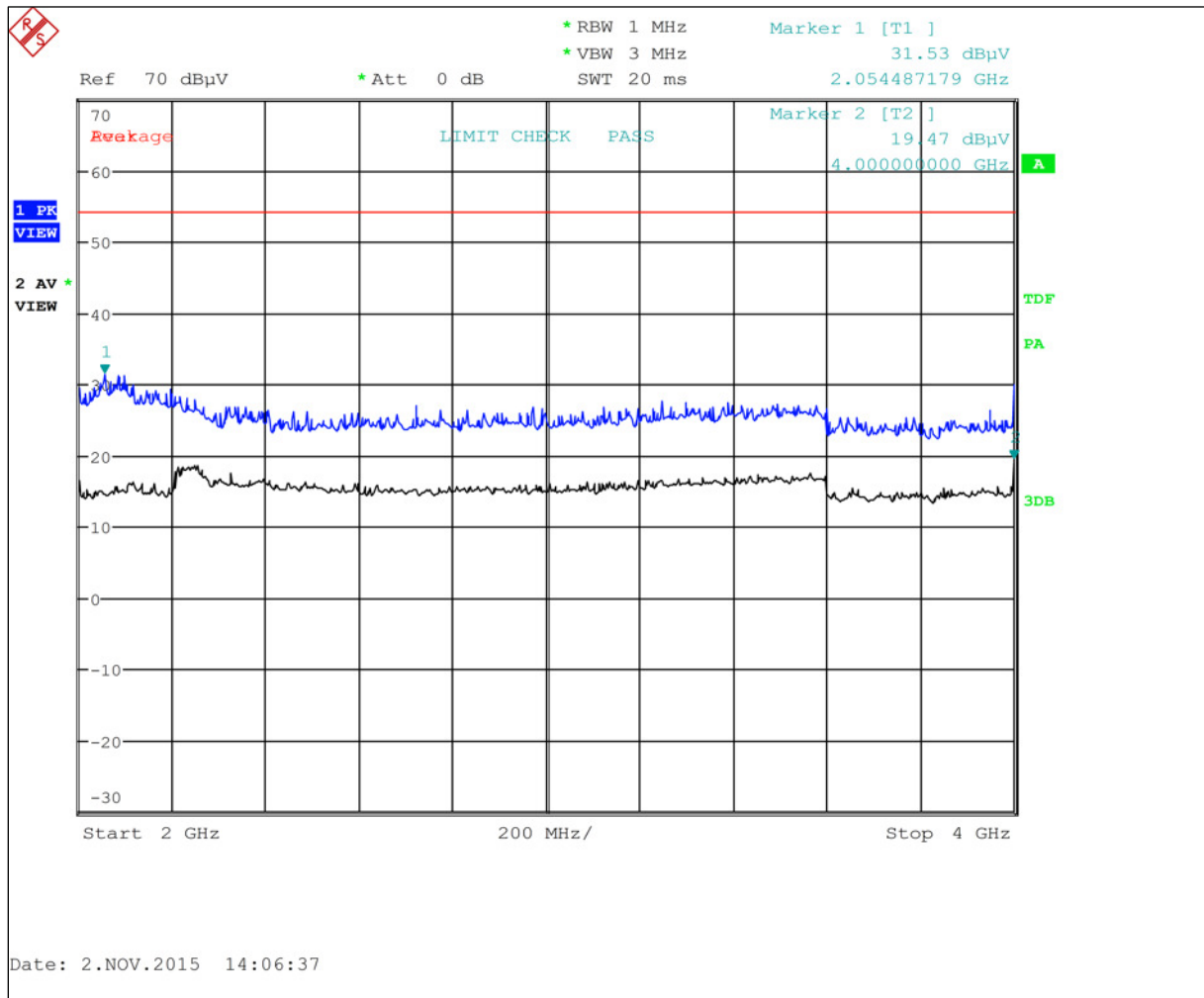
**Plot 6-93: Radiated Emissions 1 GHz – 2 GHz Vertical Peak/Average**



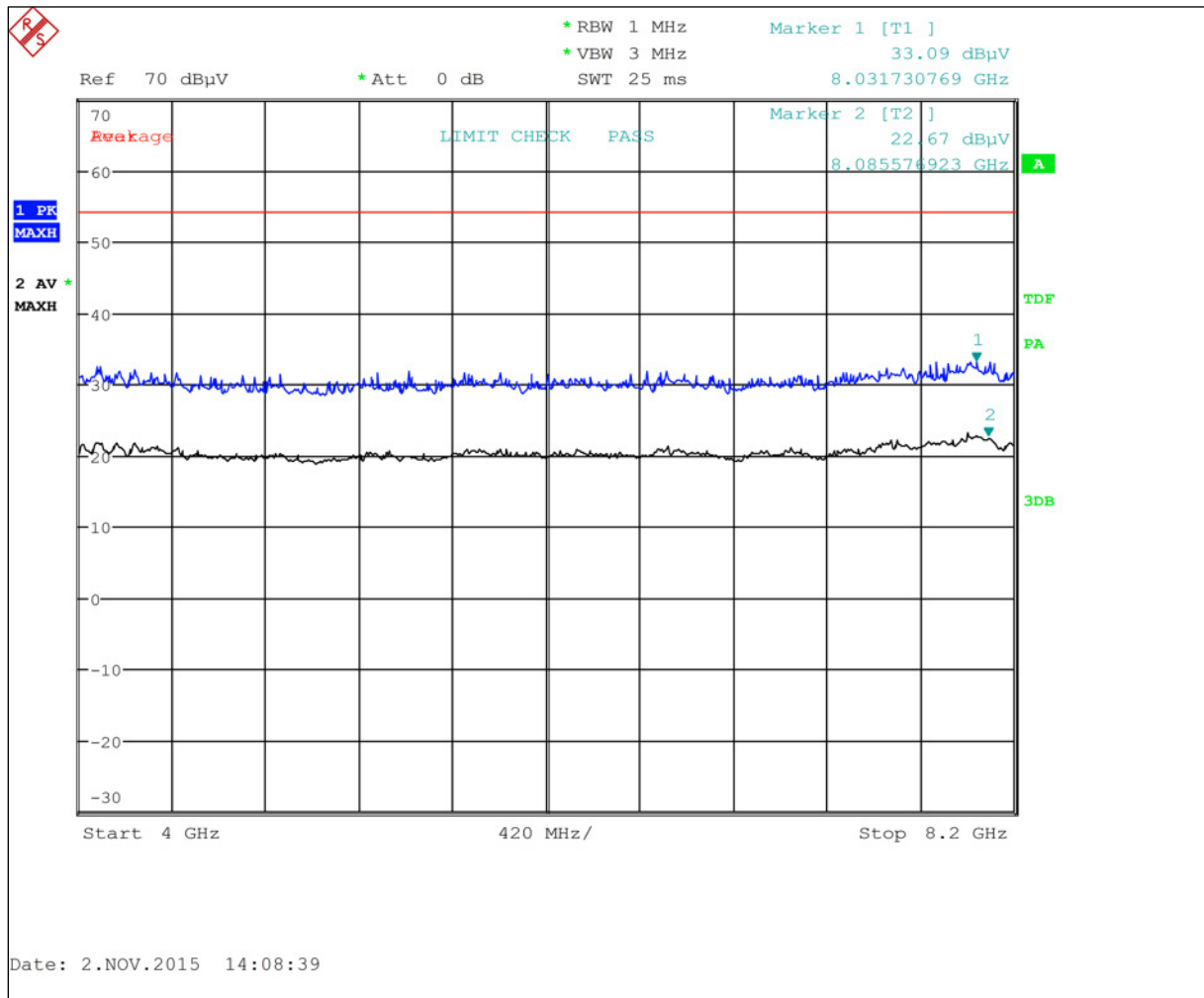
**Plot 6-94: Radiated Emissions 2 GHz – 4 GHz Horizontal Peak/Average**



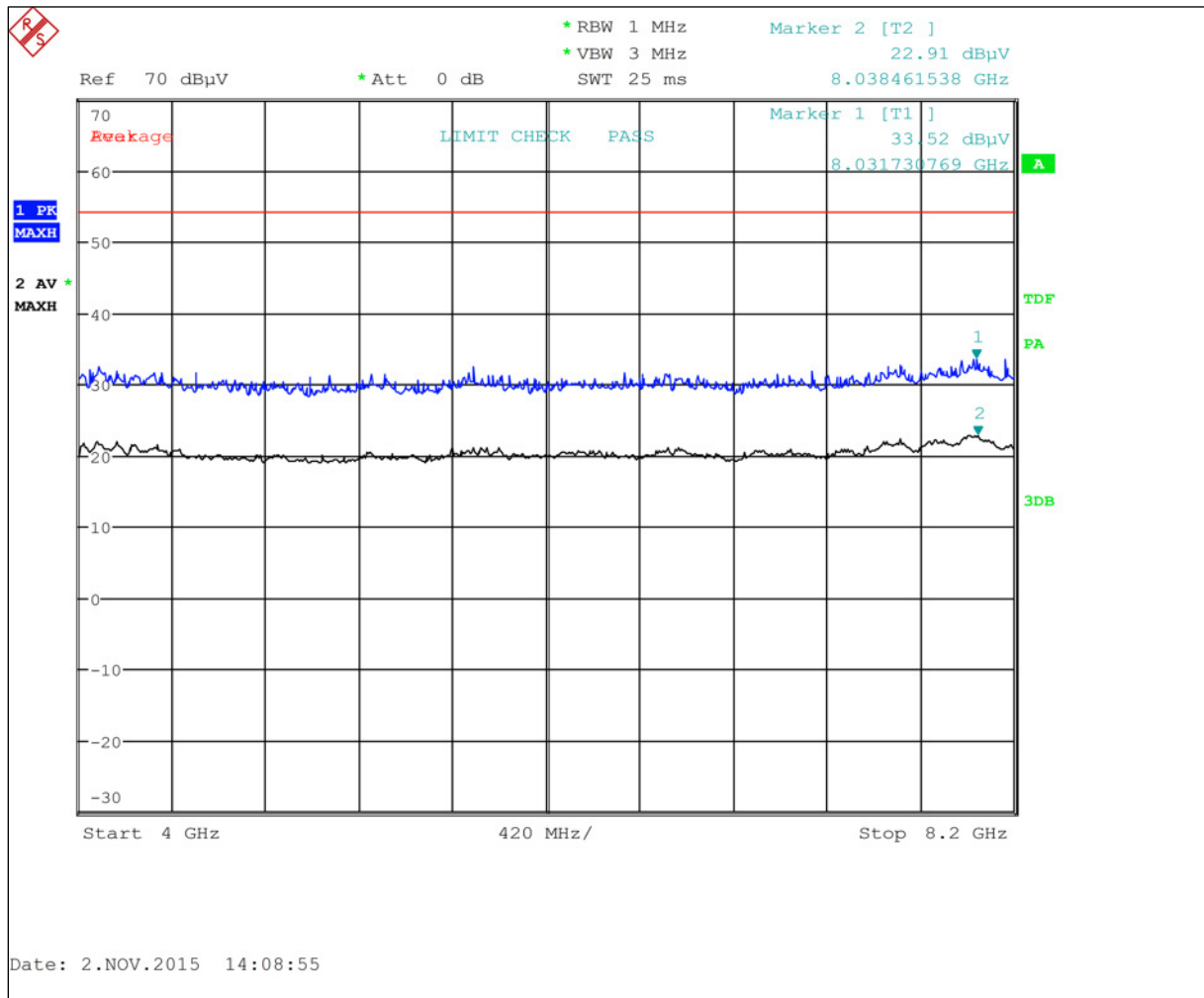
**Plot 6-95: Radiated Emissions 2 GHz – 4 GHz Vertical Peak/Average**



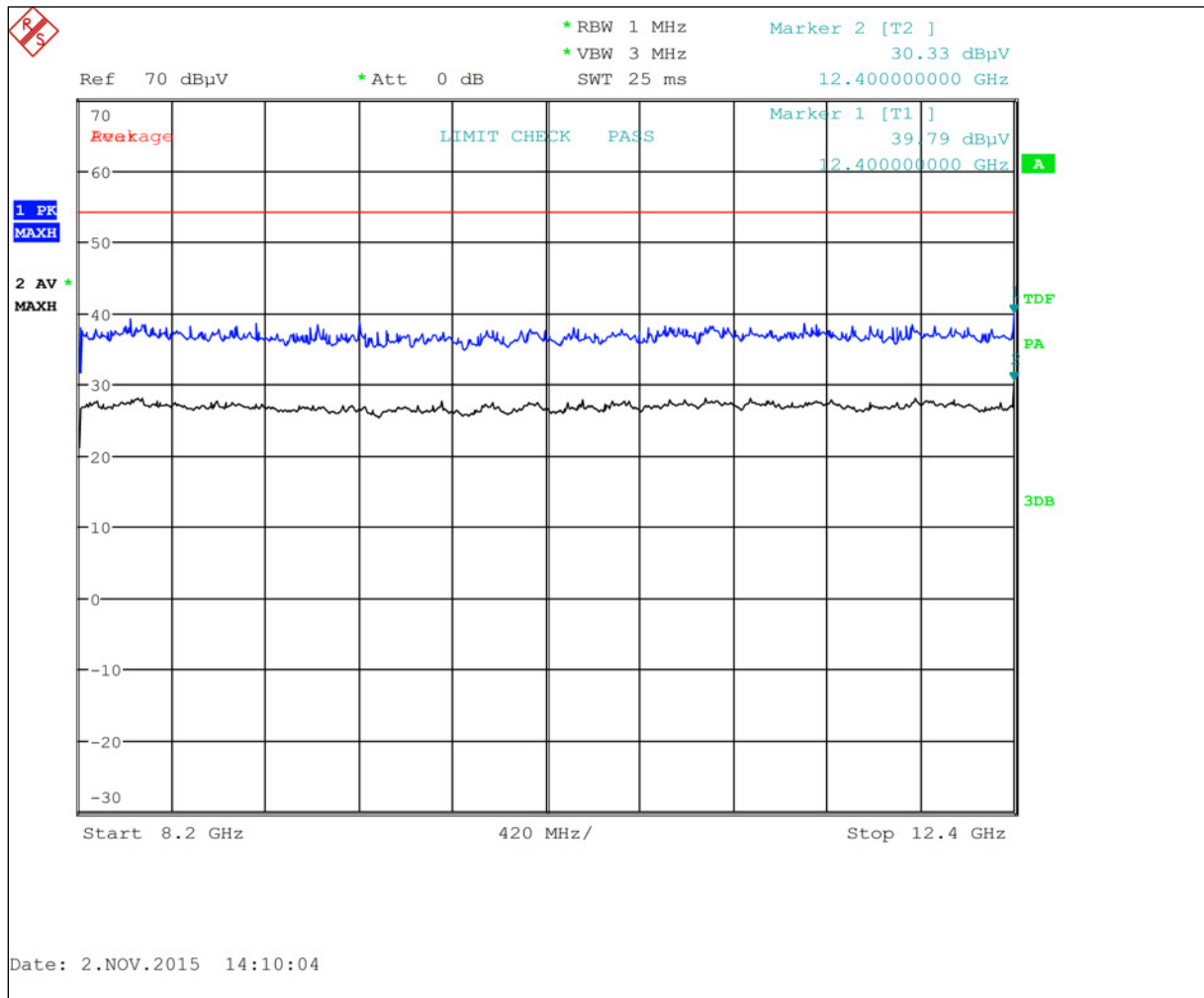
**Plot 6-96: Radiated Emissions 4 GHz – 8 GHz Horizontal Peak/Average**



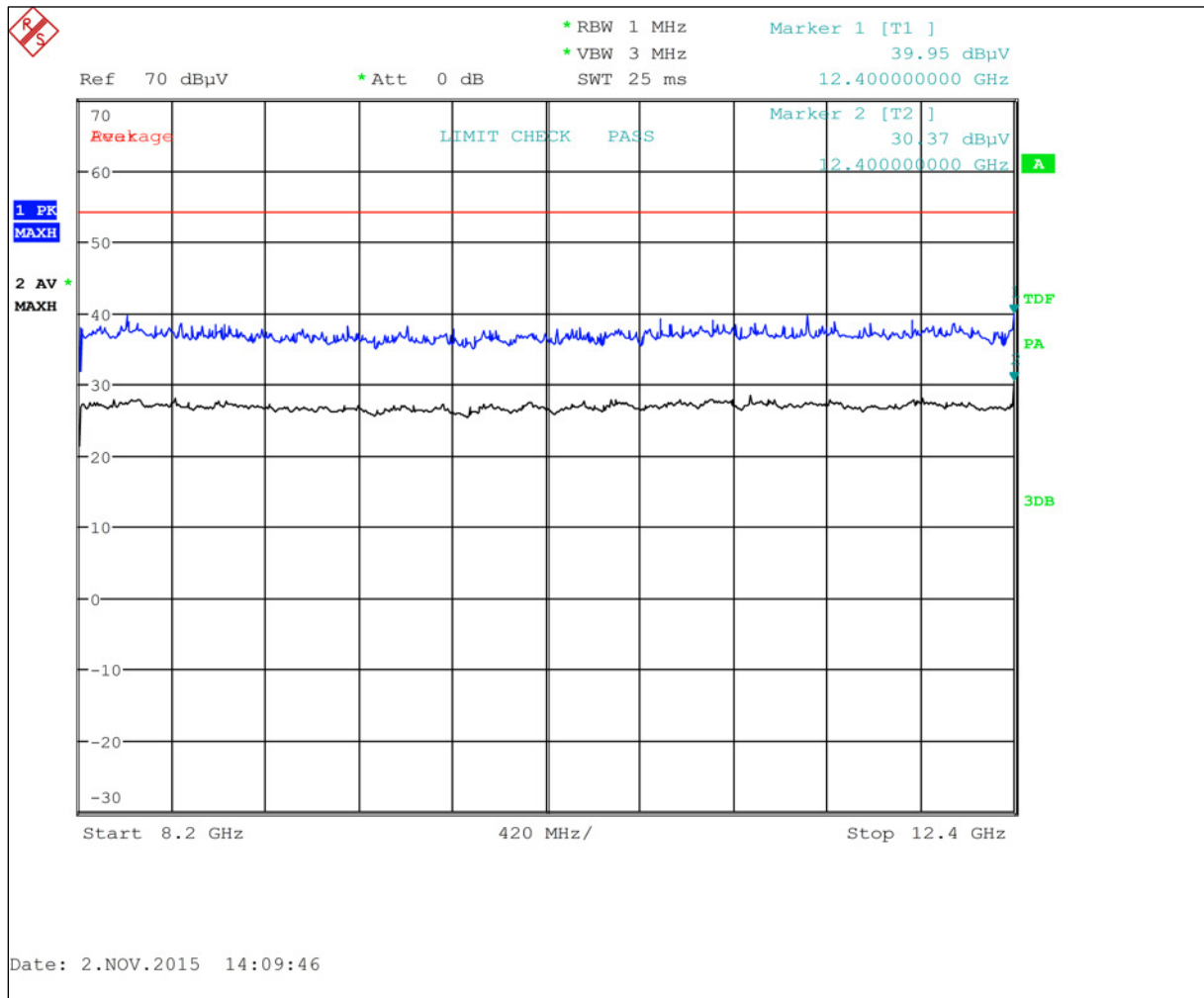
**Plot 6-97: Radiated Emissions 4 GHz – 8 GHz Vertical Peak/Average**



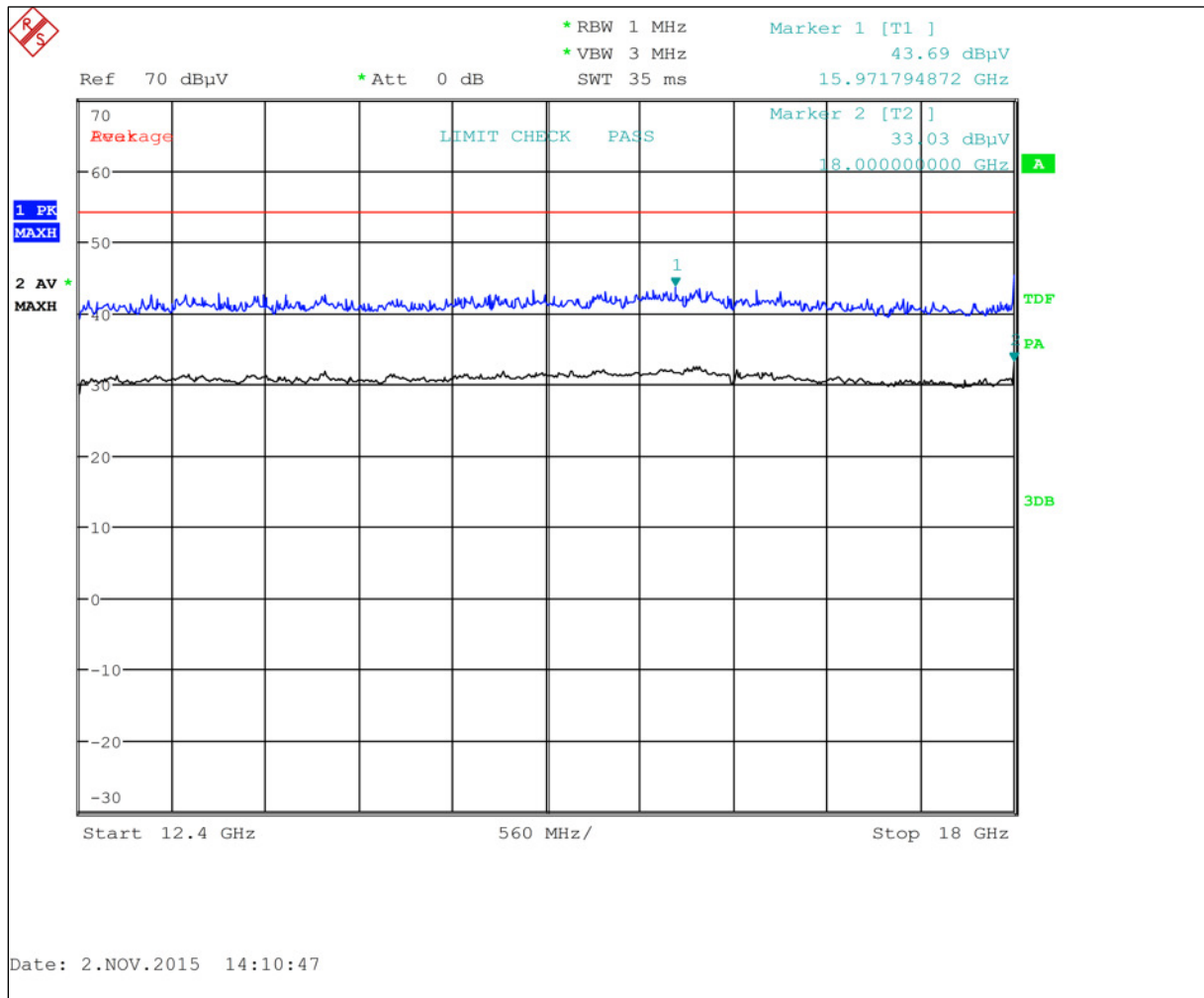
**Plot 6-98: Radiated Emissions 8 GHz – 12 GHz Horizontal Peak/Average**



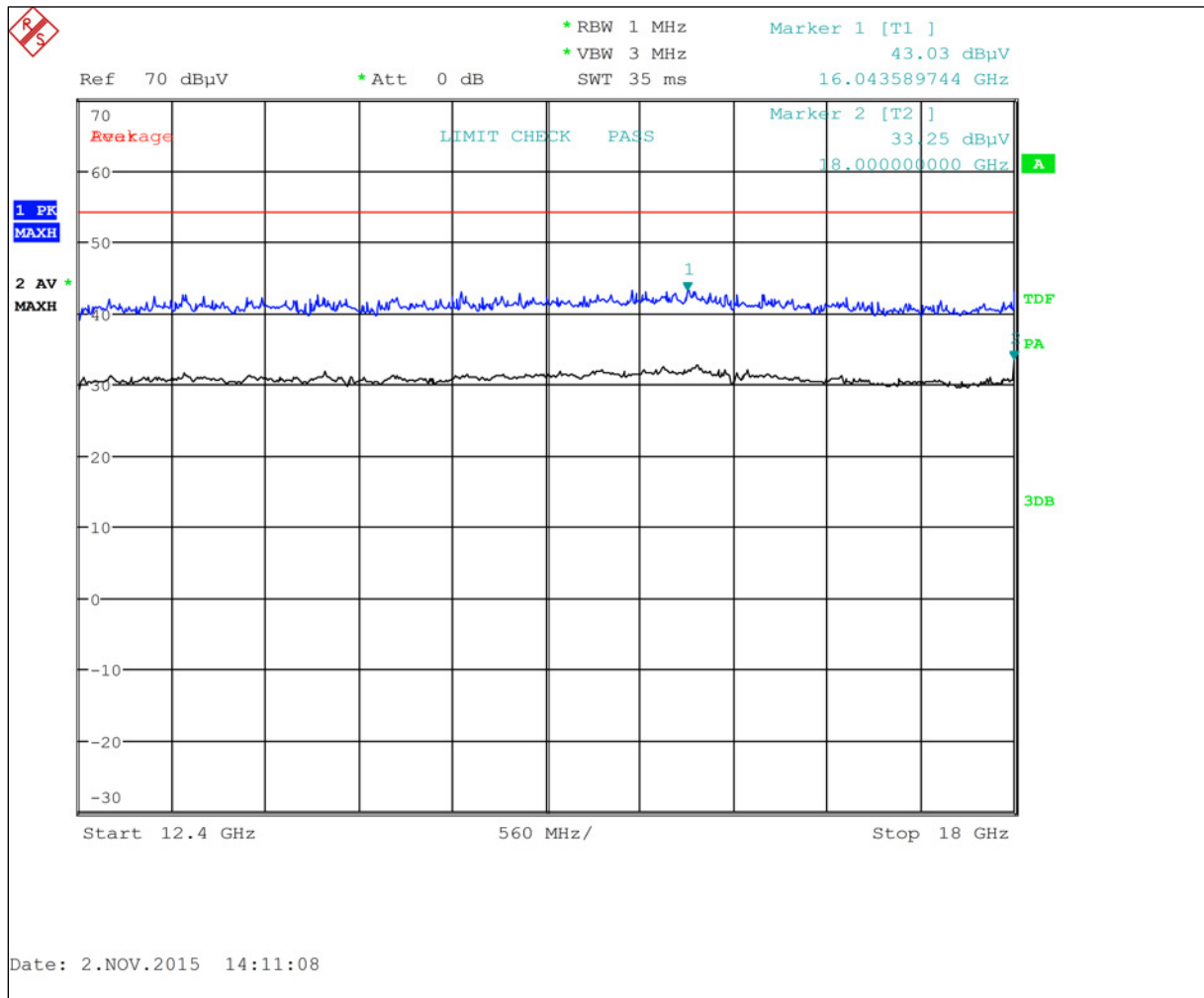
**Plot 6-99: Radiated Emissions 8 GHz – 12 GHz Vertical Peak/Average**



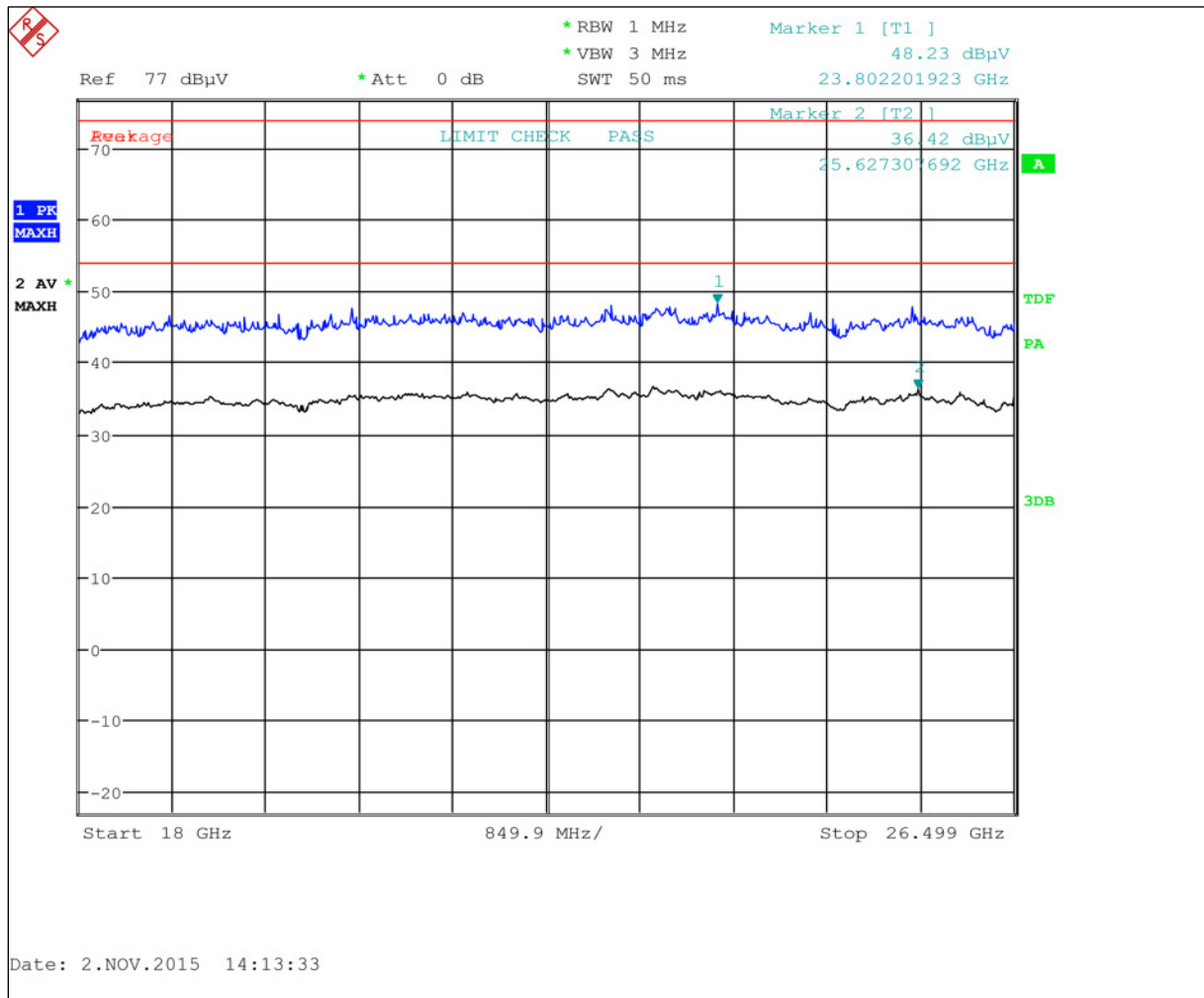
**Plot 6-100: Radiated Emissions 12 GHz – 18 GHz Horizontal Peak/Average**



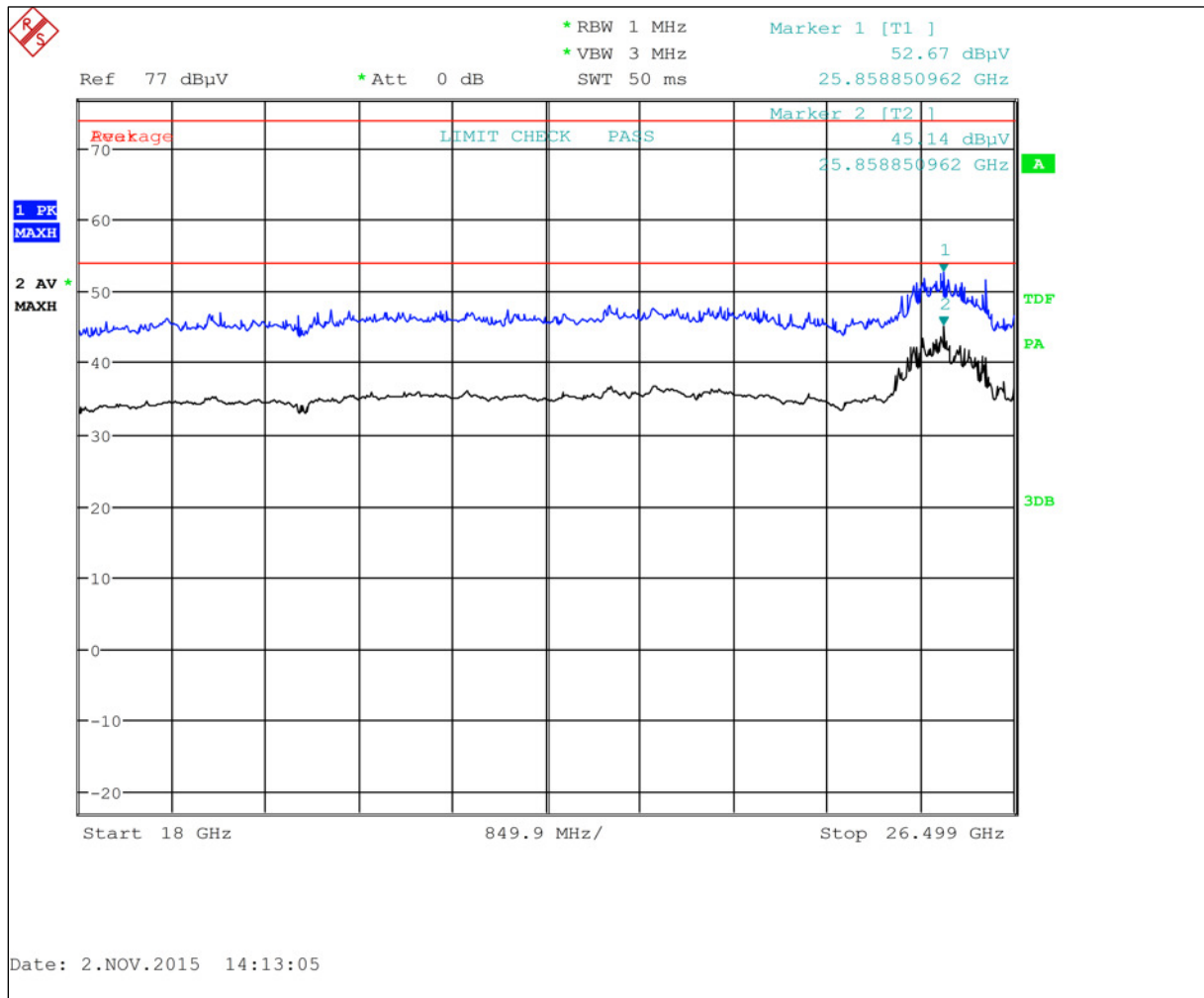
**Plot 6-101: Radiated Emissions 12 GHz – 18 GHz Vertical Peak/Average**



**Plot 6-102: Radiated Emissions 18 GHz – 26 GHz Horizontal Peak/Average**

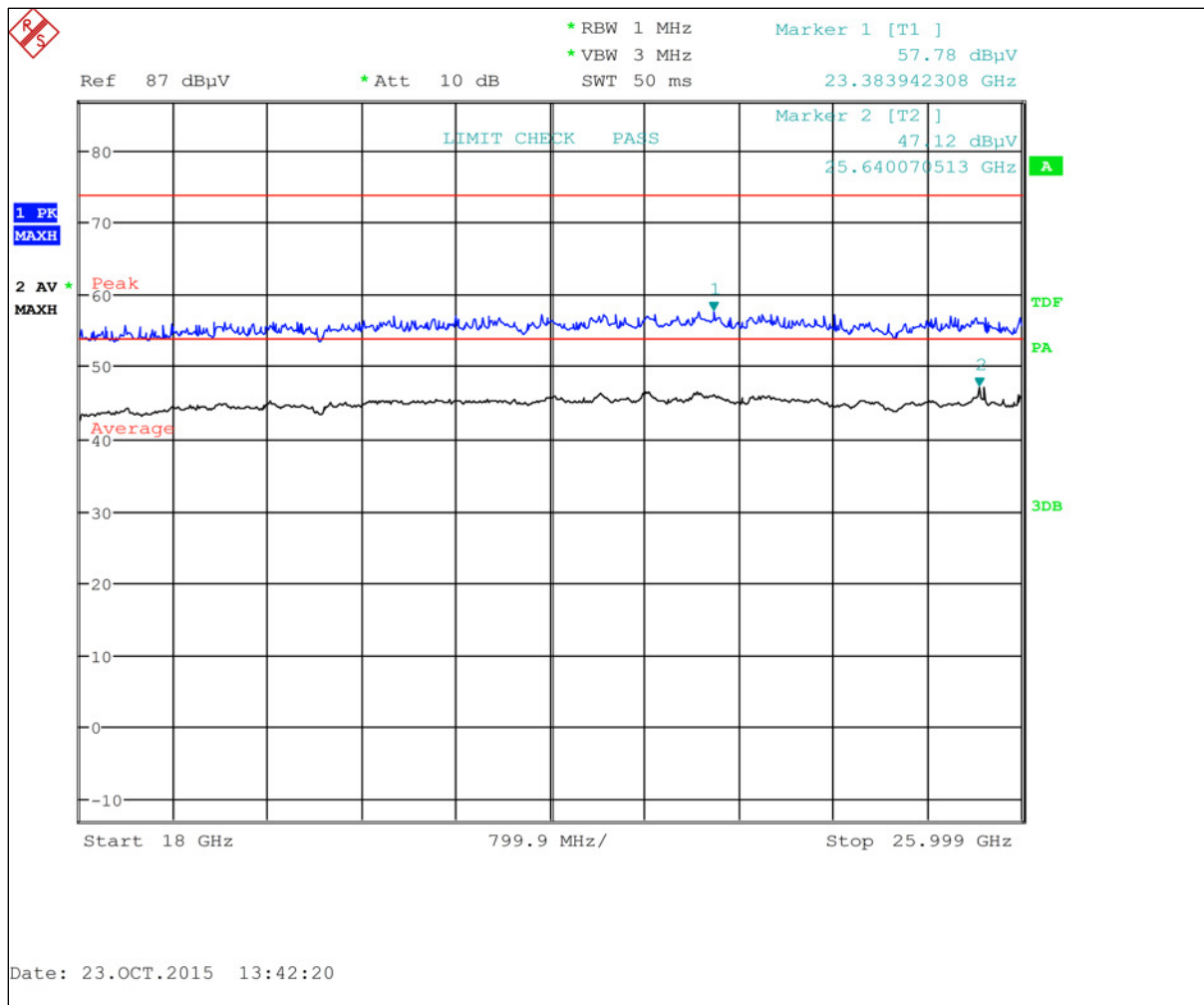


**Plot 6-103: Radiated Emissions 18 GHz – 26 GHz Vertical Peak/Average**



### 6.3.1.4 Radiated Emissions Carrier Test Data - TC#6 Steel Container

**Plot 6-104: Radiated Emissions of Carrier - TC #6 Steel Container**



**Table 6-6: Radiated Emissions of Carrier – TC #6 Steel Container**

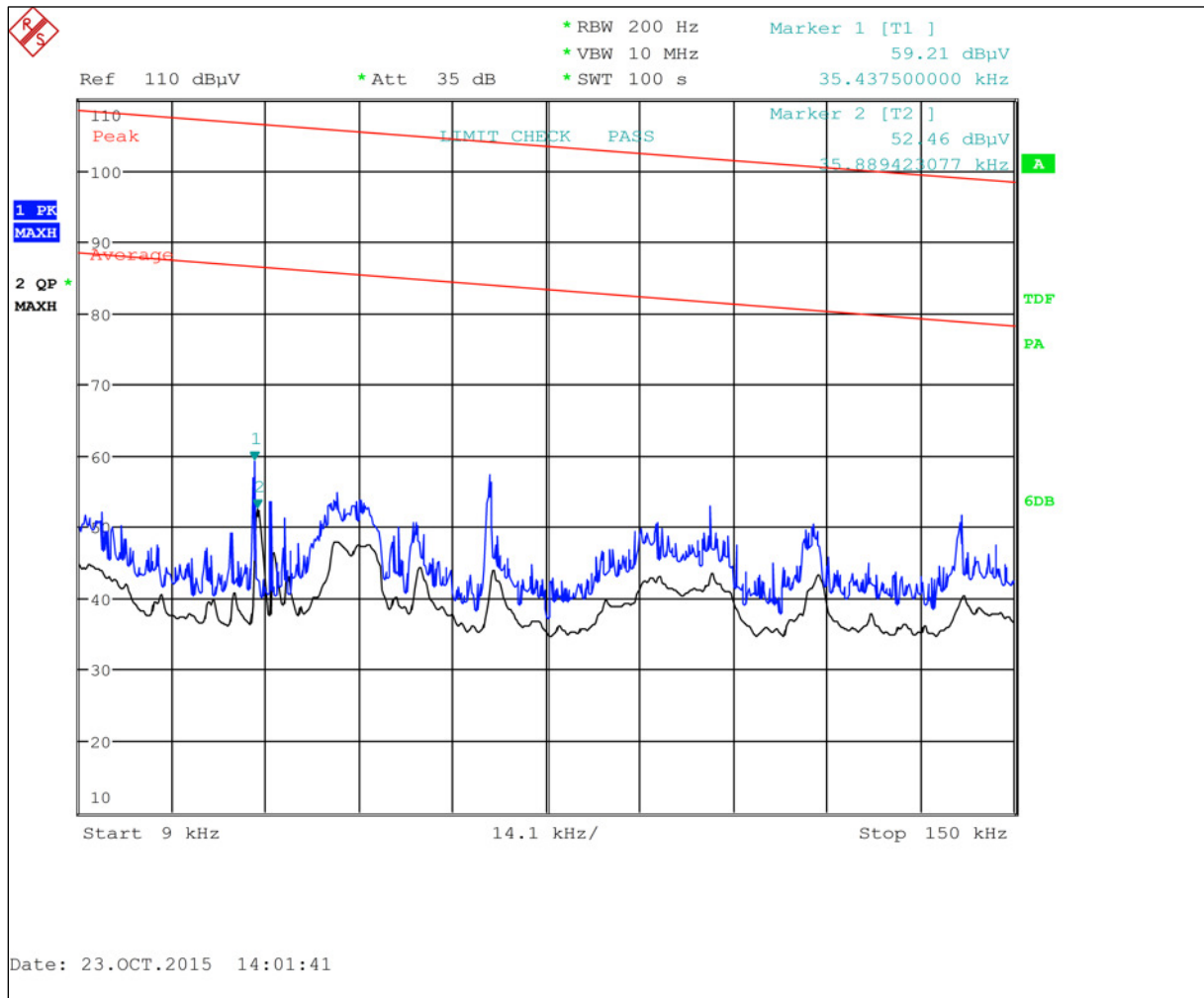
| Frequency (GHz) | Detector | Test Antenna Pol | Corrected Spectrum Analyzer Level (dBμV/m) | FCC Limit (dBμV) | Margin (dB) | Corrected Spectrum Analyzer Level (dBm/MHz) | IC Limit (dBm/MHz) | Margin (dBm) |
|-----------------|----------|------------------|--------------------------------------------|------------------|-------------|---------------------------------------------|--------------------|--------------|
| 23.3839         | Peak     | V                | 50.8                                       | 74.0             | -23.2       | NA                                          |                    |              |
| 25.6400         | Average  | V                | 47.1                                       | 54.0             | -6.9        | -48.1                                       | -41.3              | 6.8          |

### 6.3.1.5 Radiated Emissions Below 1 GHz Test Data – TC#6 Steel Container

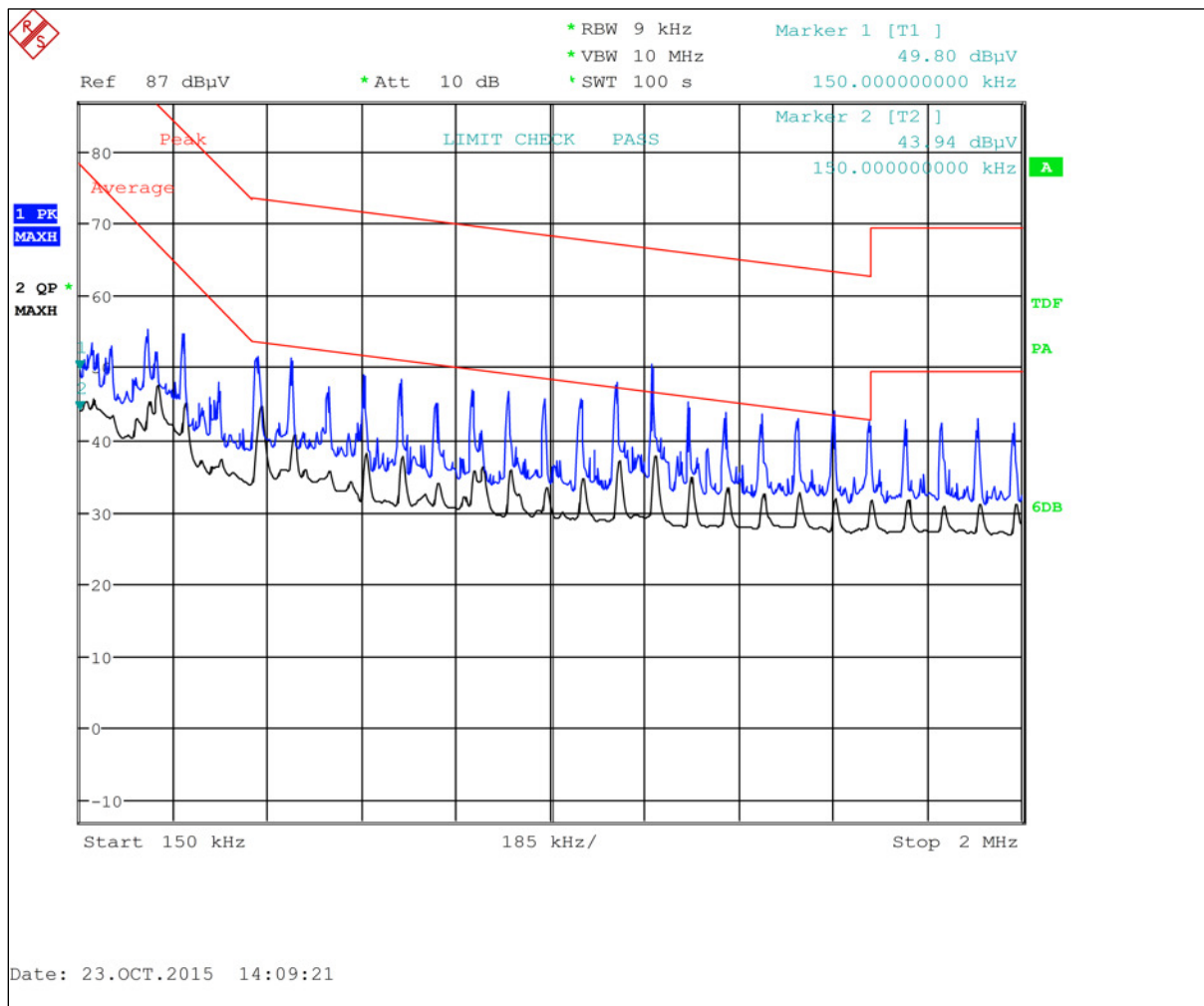
**Plot 6-105: Radiated Emissions Transmit – 9 kHz – 150 kHz Horizontal Peak/Average**



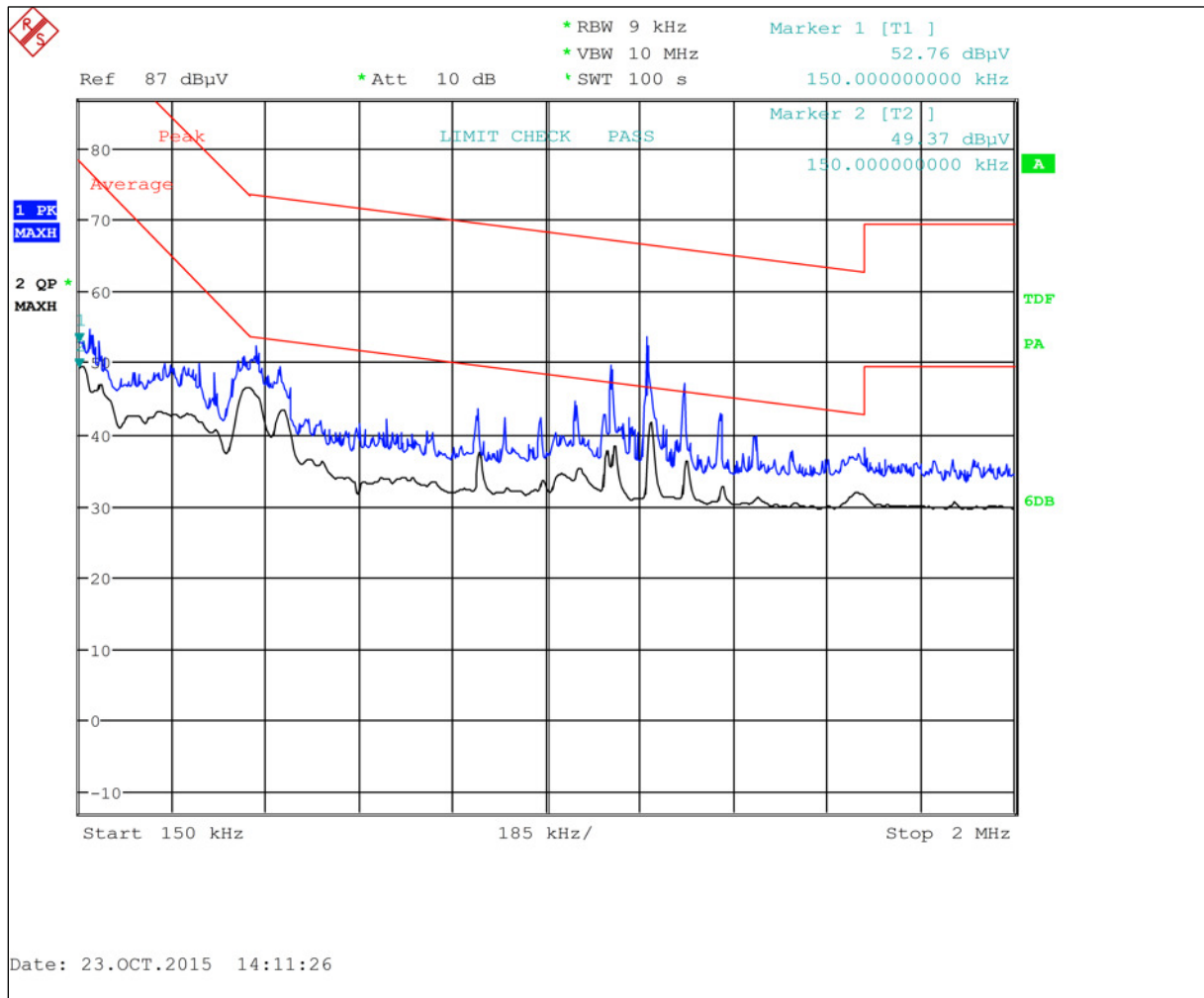
**Plot 6-106: Radiated Emissions Transmit – 9 kHz – 150 kHz Vertical Peak/Average**



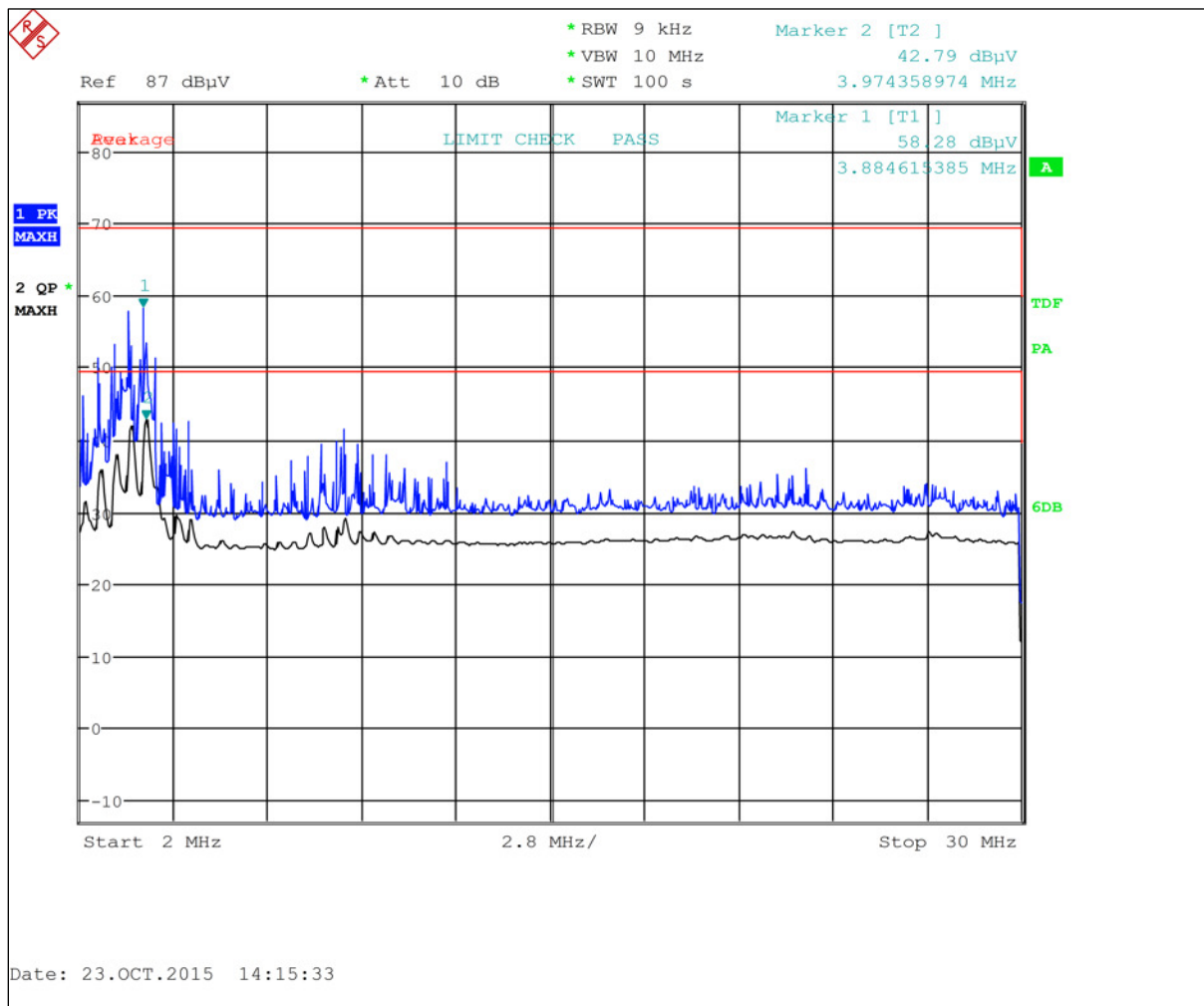
**Plot 6-107: Radiated Emissions Transmit – 150 kHz – 2 MHz Horizontal Peak/Average**



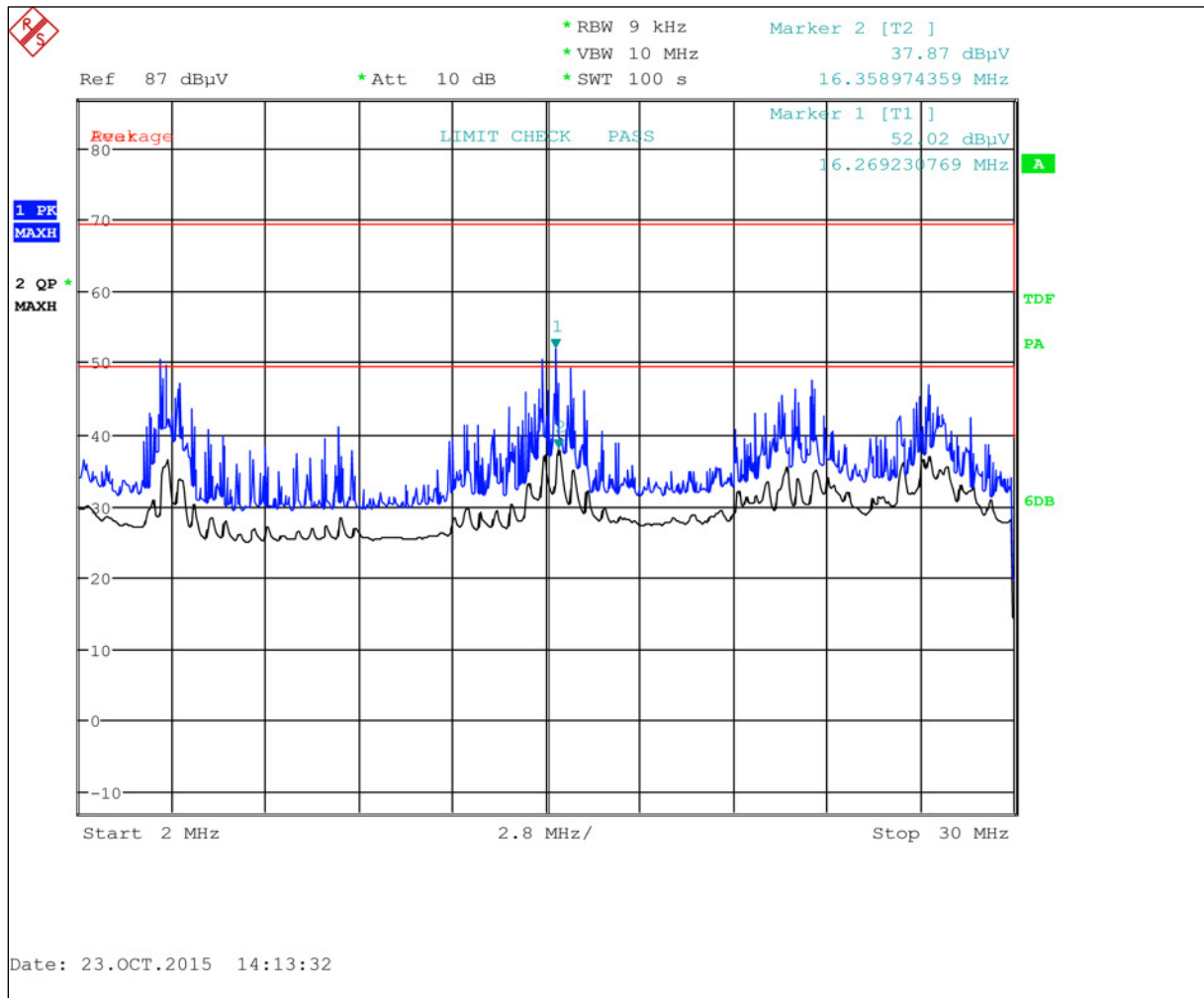
**Plot 6-108: Radiated Emissions Transmit – 150 kHz – 2 MHz Vertical Peak/Average**



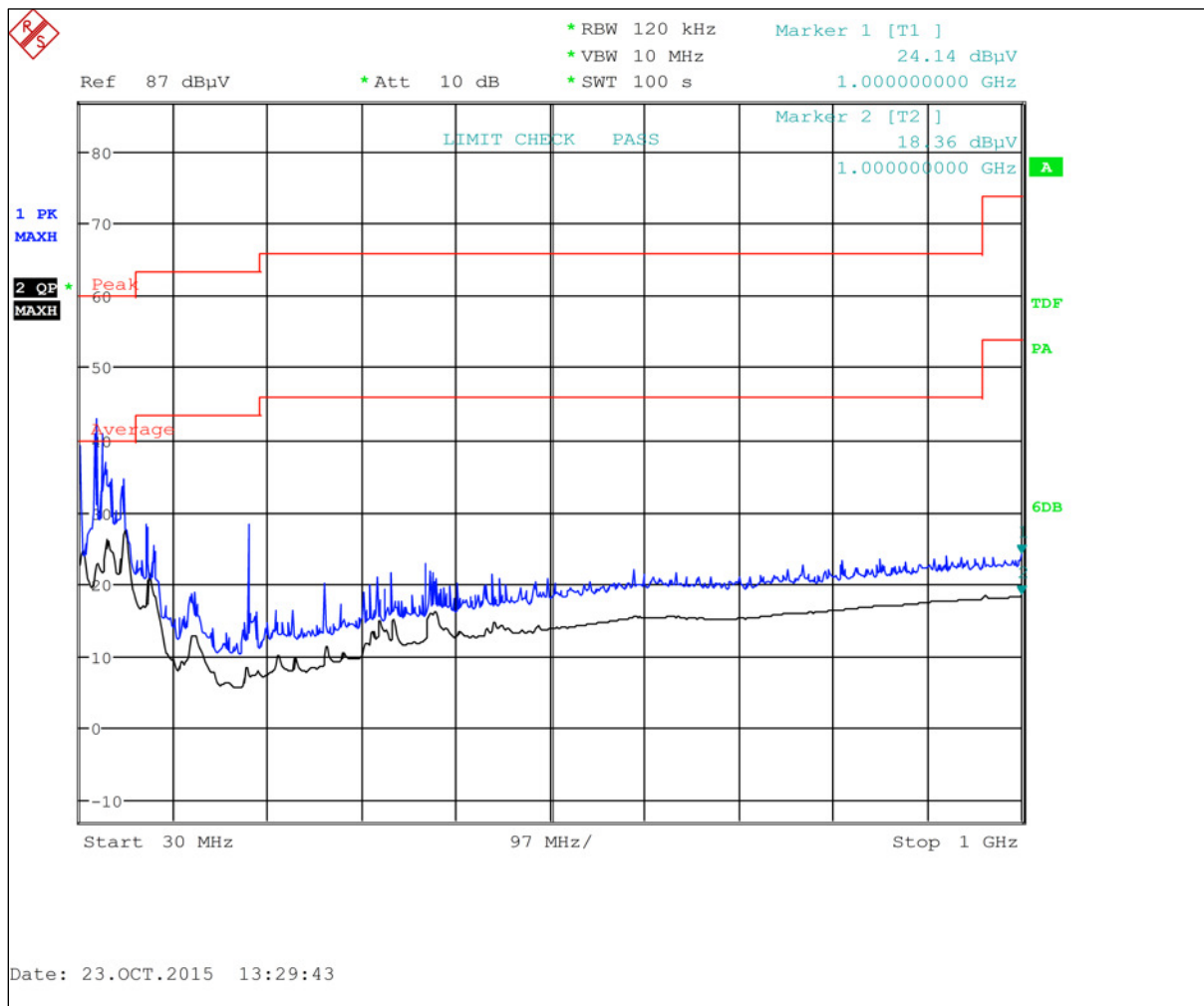
**Plot 6-109: Radiated Emissions Transmit – 2 MHz – 30 MHz Horizontal Peak/Average**



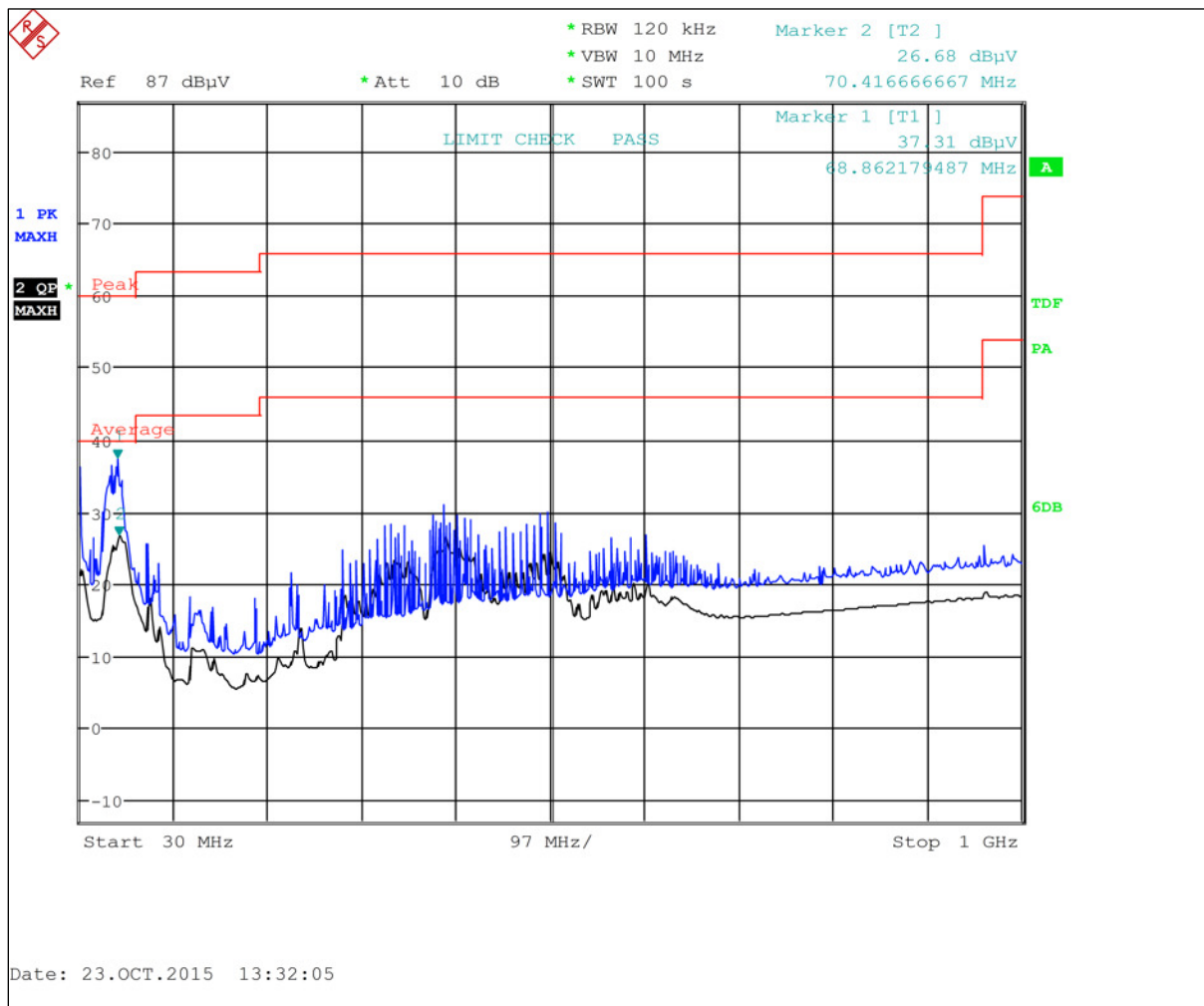
**Plot 6-110: Radiated Emissions Transmit – 2 MHz – 30 MHz Vertical Peak/Average**



**Plot 6-111: Radiated Emissions Transmit – 30 MHz – 1 GHz Horizontal Peak/Average**



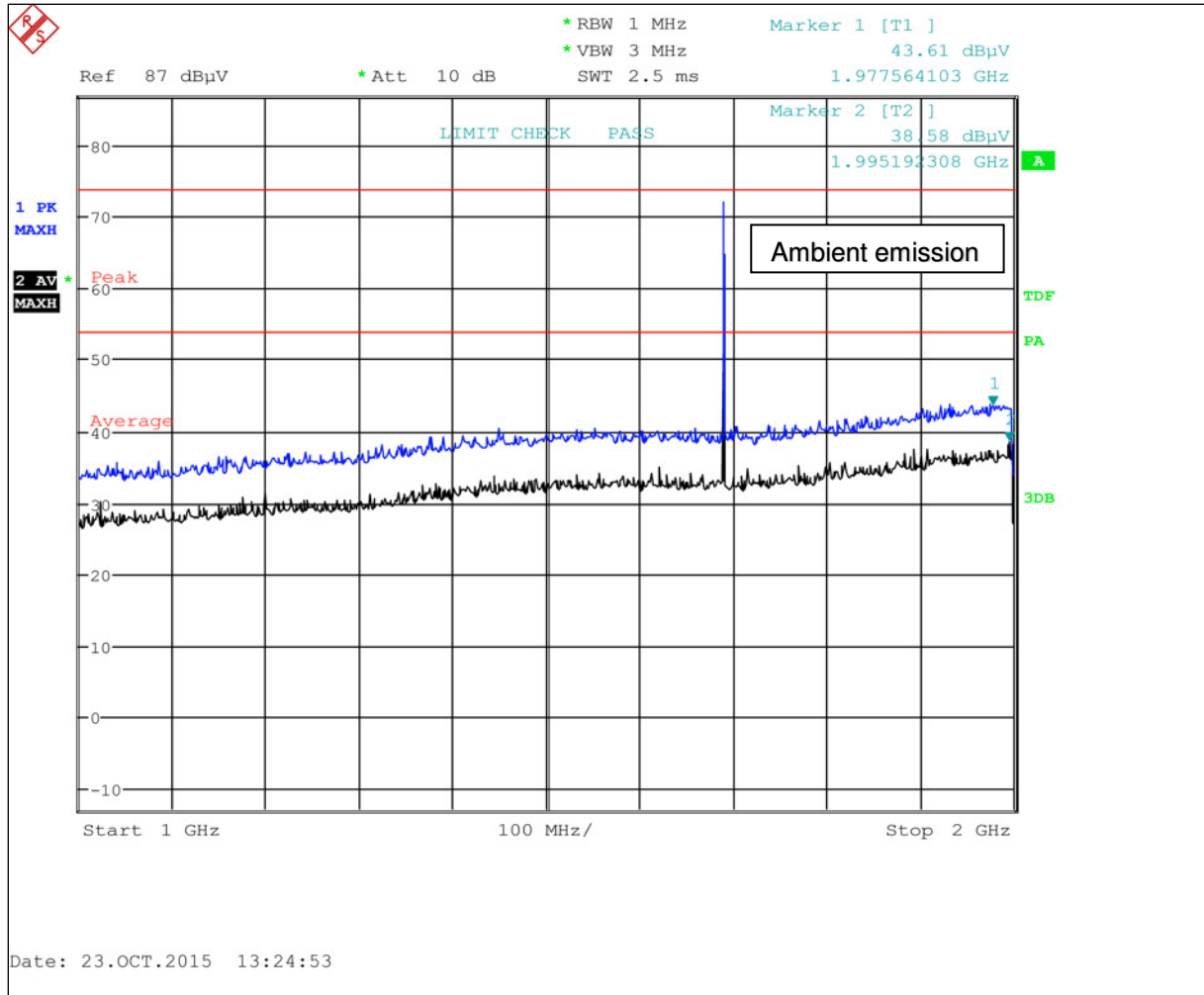
**Plot 6-112: Radiated Emissions Transmit – 30 MHz – 1 GHz Vertical Peak/Average**



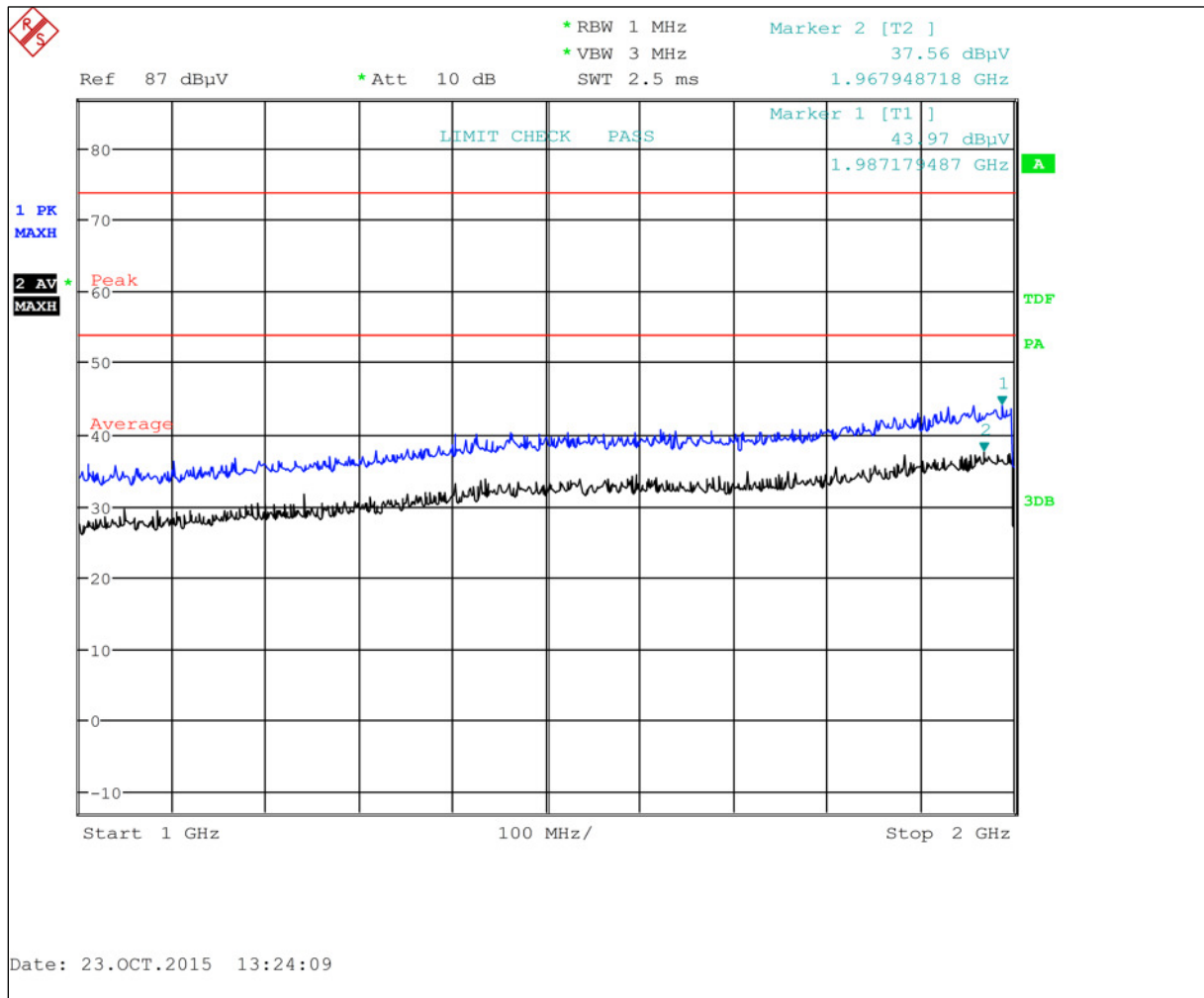
Note: Unwanted emissions were investigated as a digital device (other than harmonics) as required by 15.33(a)(3).

### 6.3.1.6 Radiated Emissions 1 GHz – 26 GHz Test Data – TC#6 Steel Container

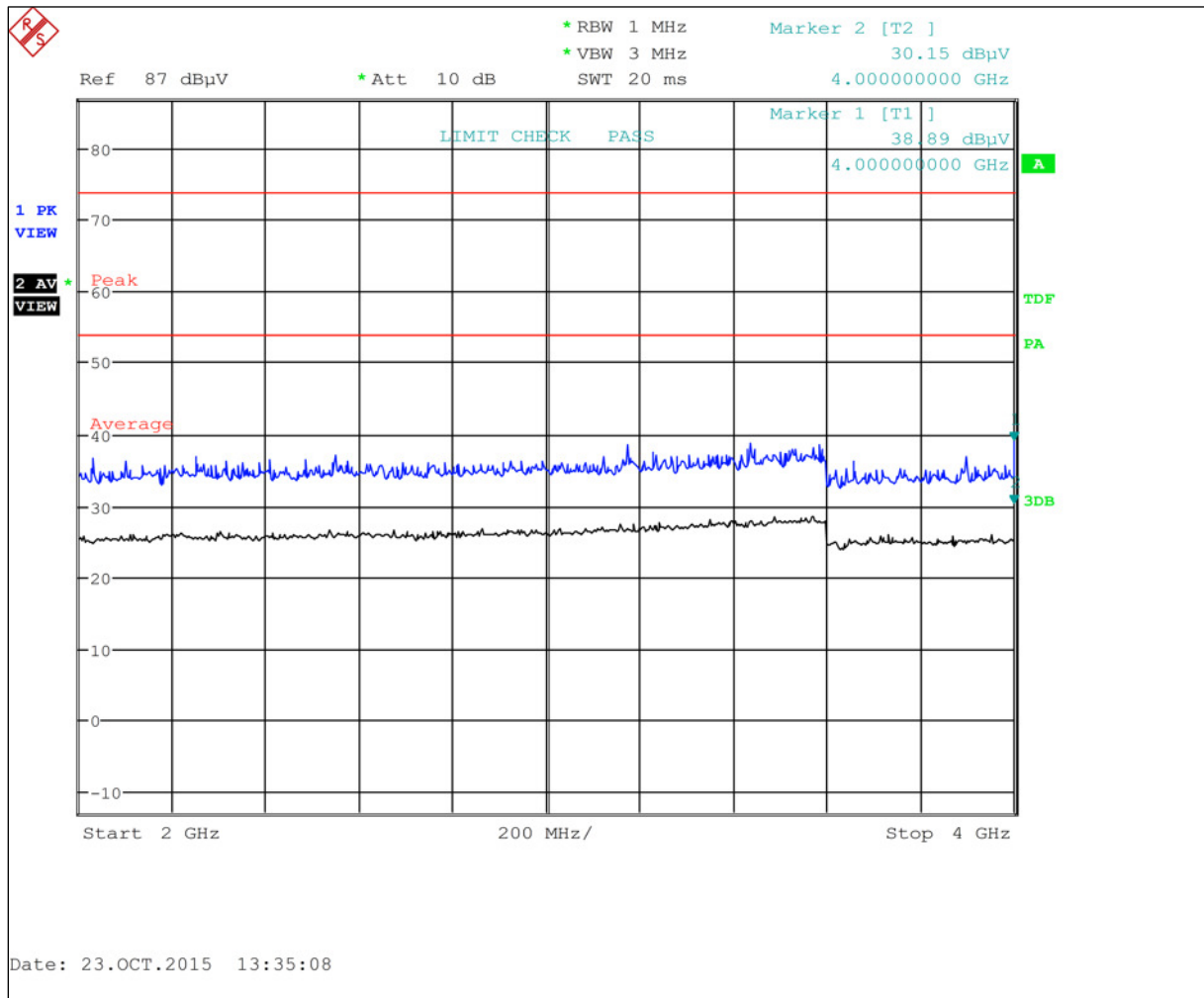
**Plot 6-113: Radiated Emissions 1 GHz – 2 GHz Horizontal Peak/Average**



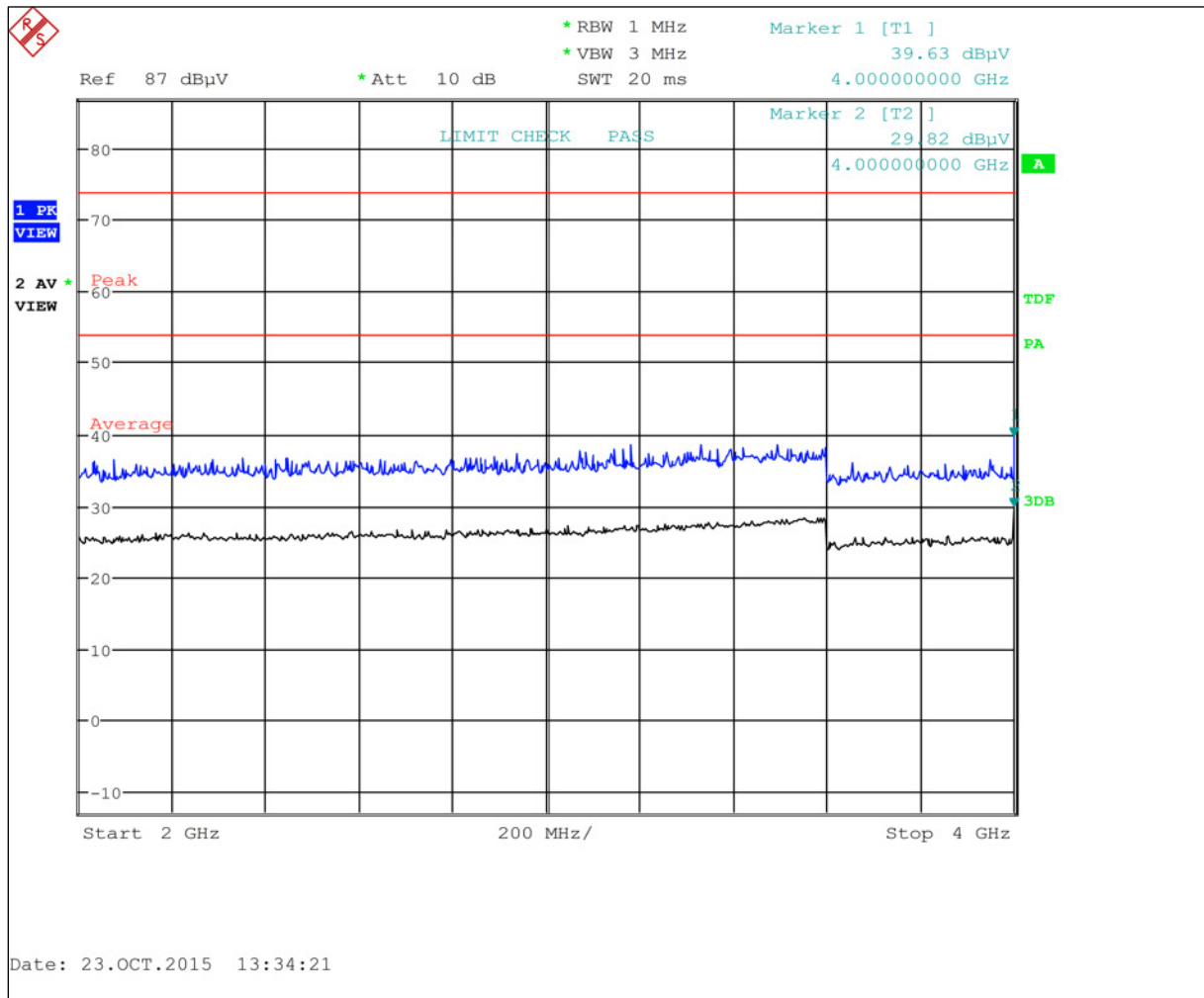
**Plot 6-114: Radiated Emissions 1 GHz – 2 GHz Vertical Peak/Average**



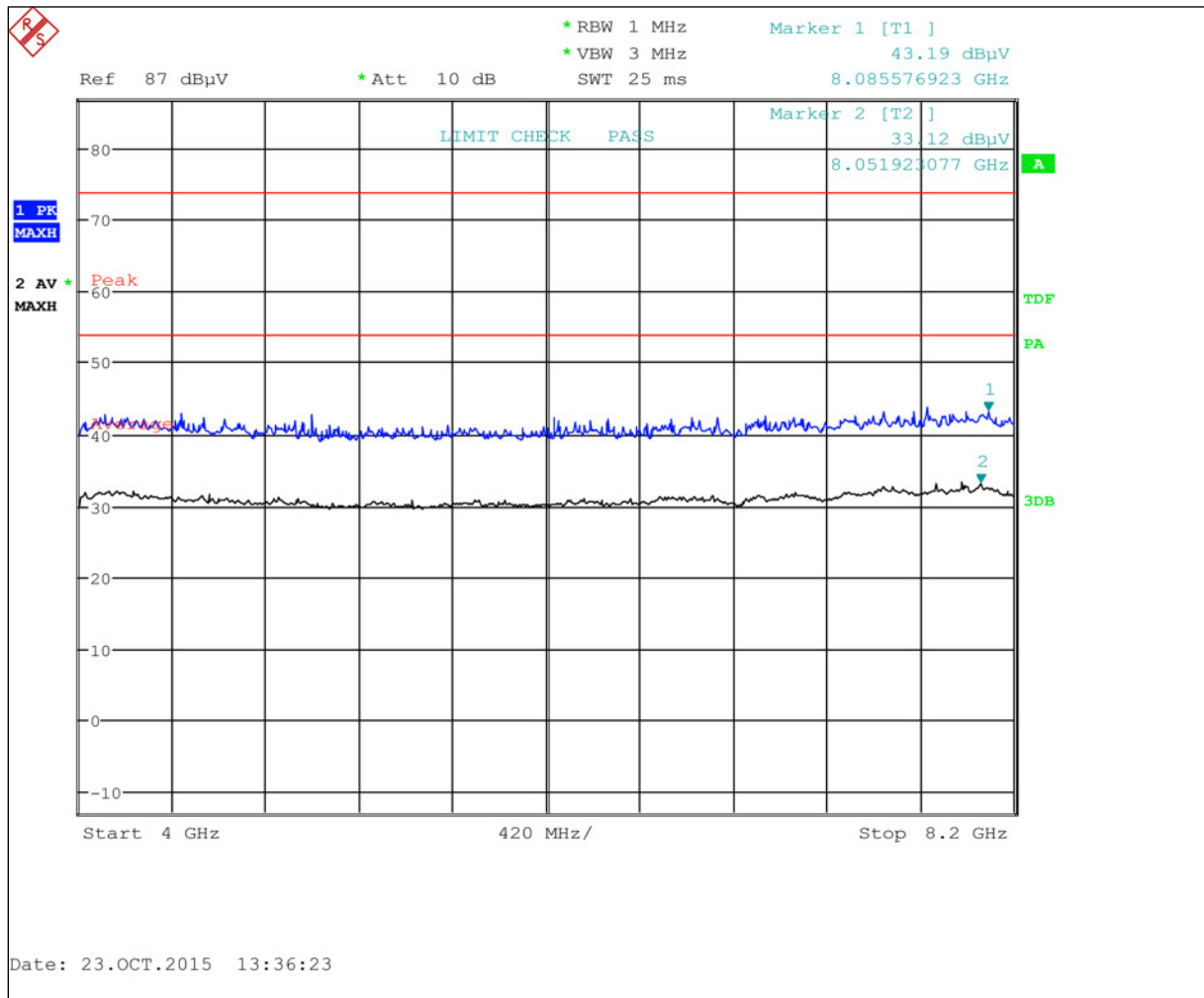
**Plot 6-115: Radiated Emissions 2 GHz – 4 GHz Horizontal Peak/Average**



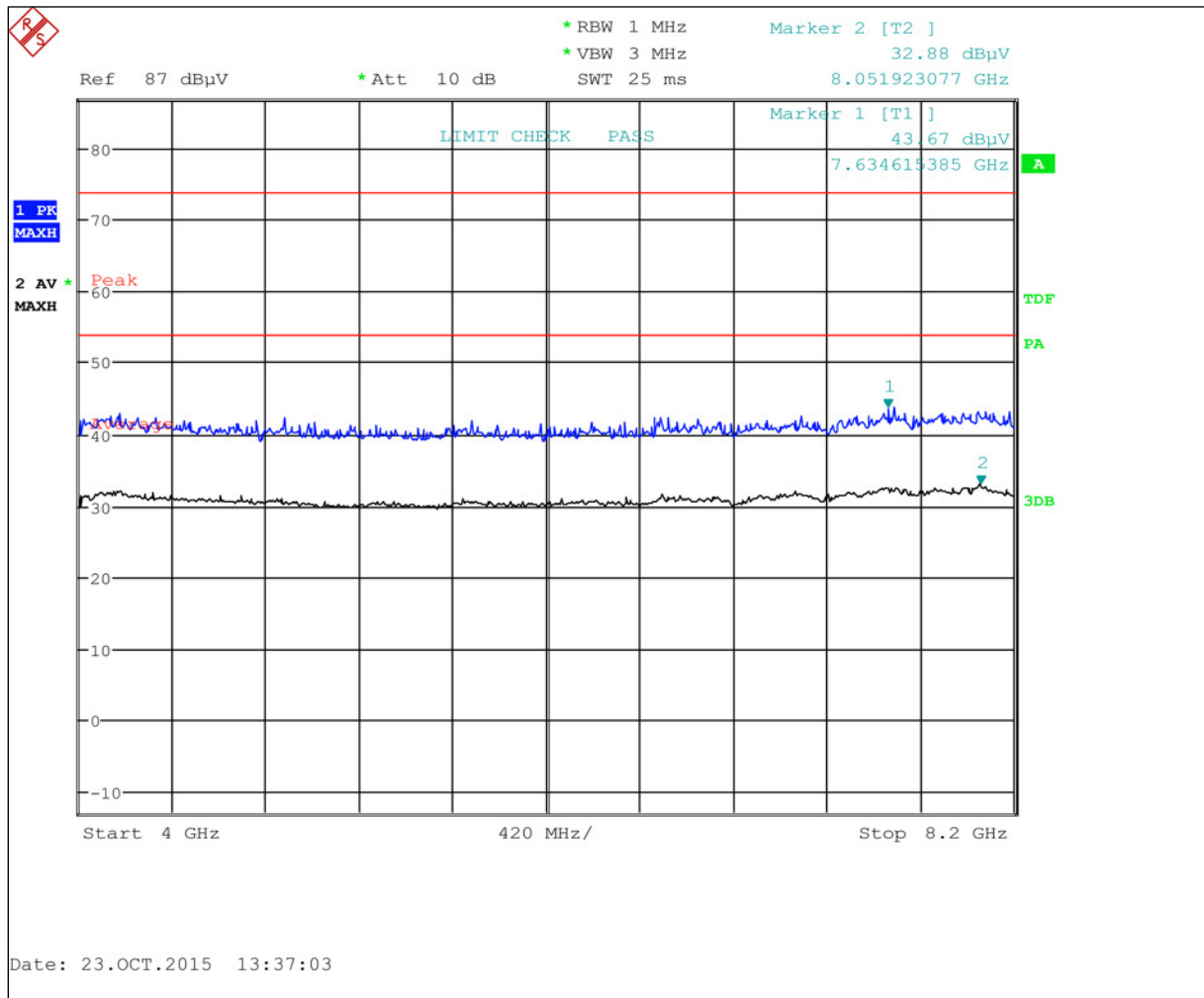
**Plot 6-116: Radiated Emissions 2 GHz – 4 GHz Vertical Peak/Average**



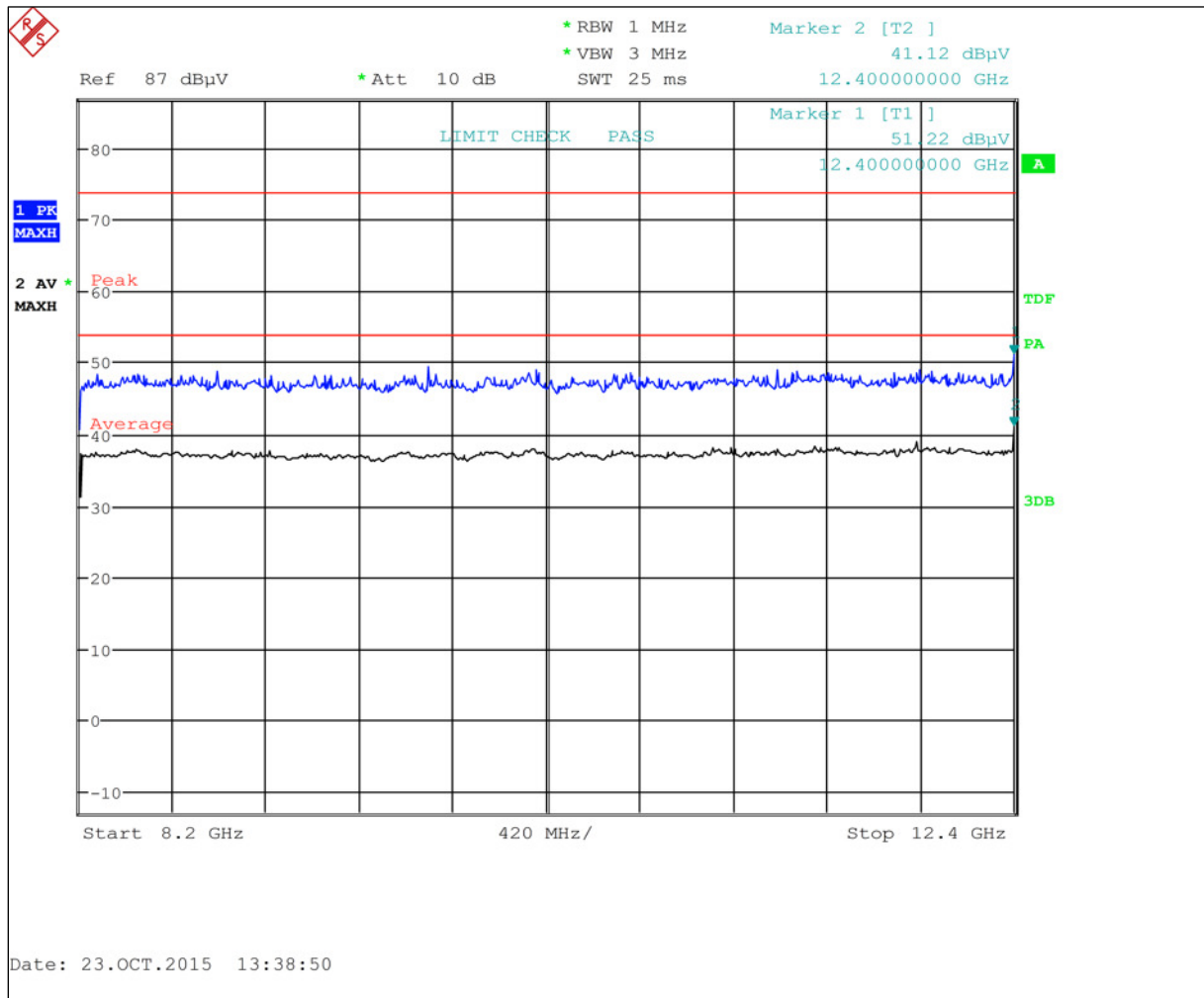
**Plot 6-117: Radiated Emissions 4 GHz – 8 GHz Horizontal Peak/Average**



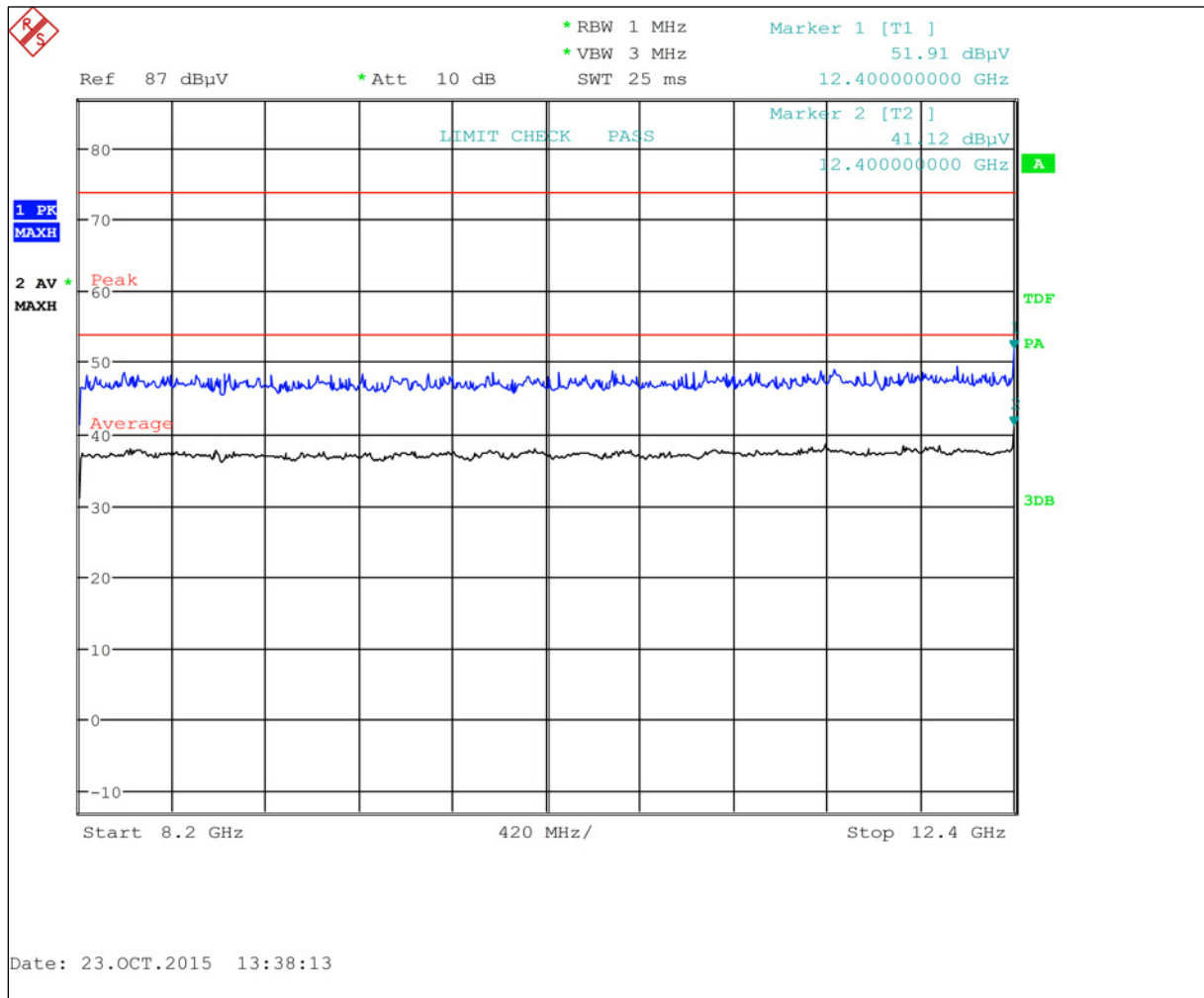
**Plot 6-118: Radiated Emissions 4 GHz – 8 GHz Vertical Peak/Average**



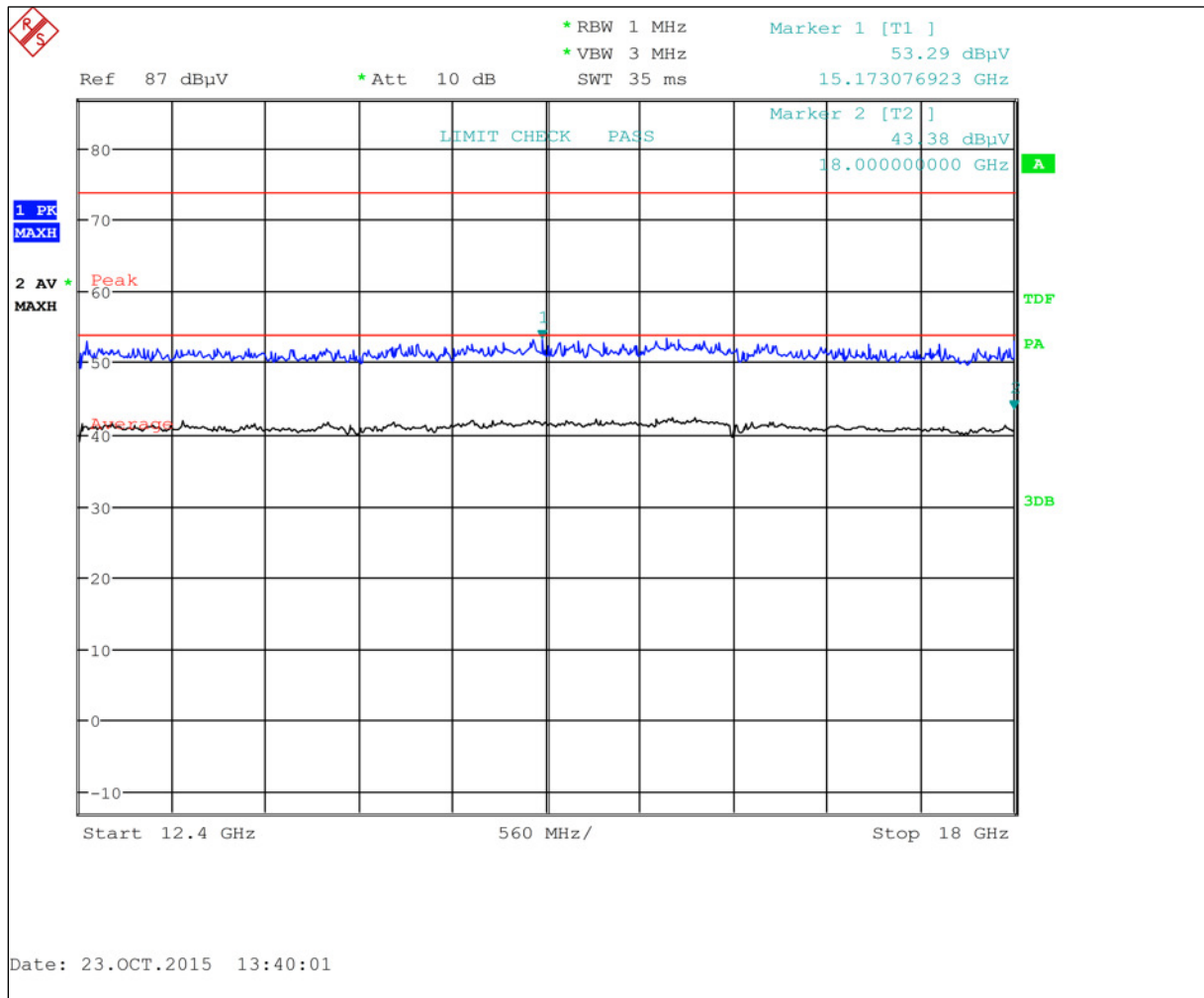
**Plot 6-119: Radiated Emissions 8 GHz – 12 GHz Horizontal Peak/Average**



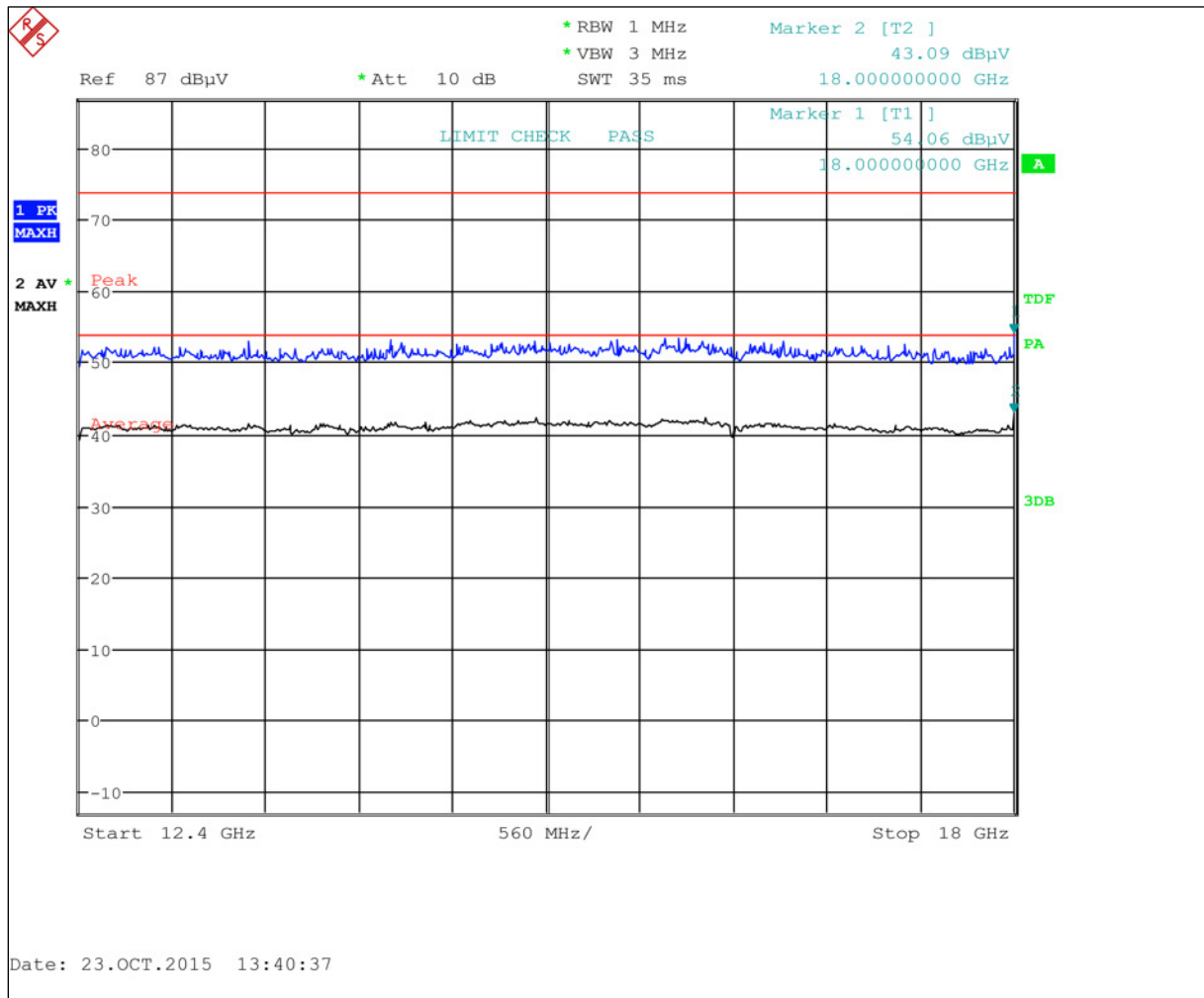
**Plot 6-120: Radiated Emissions 8 GHz – 12 GHz Vertical Peak/Average**



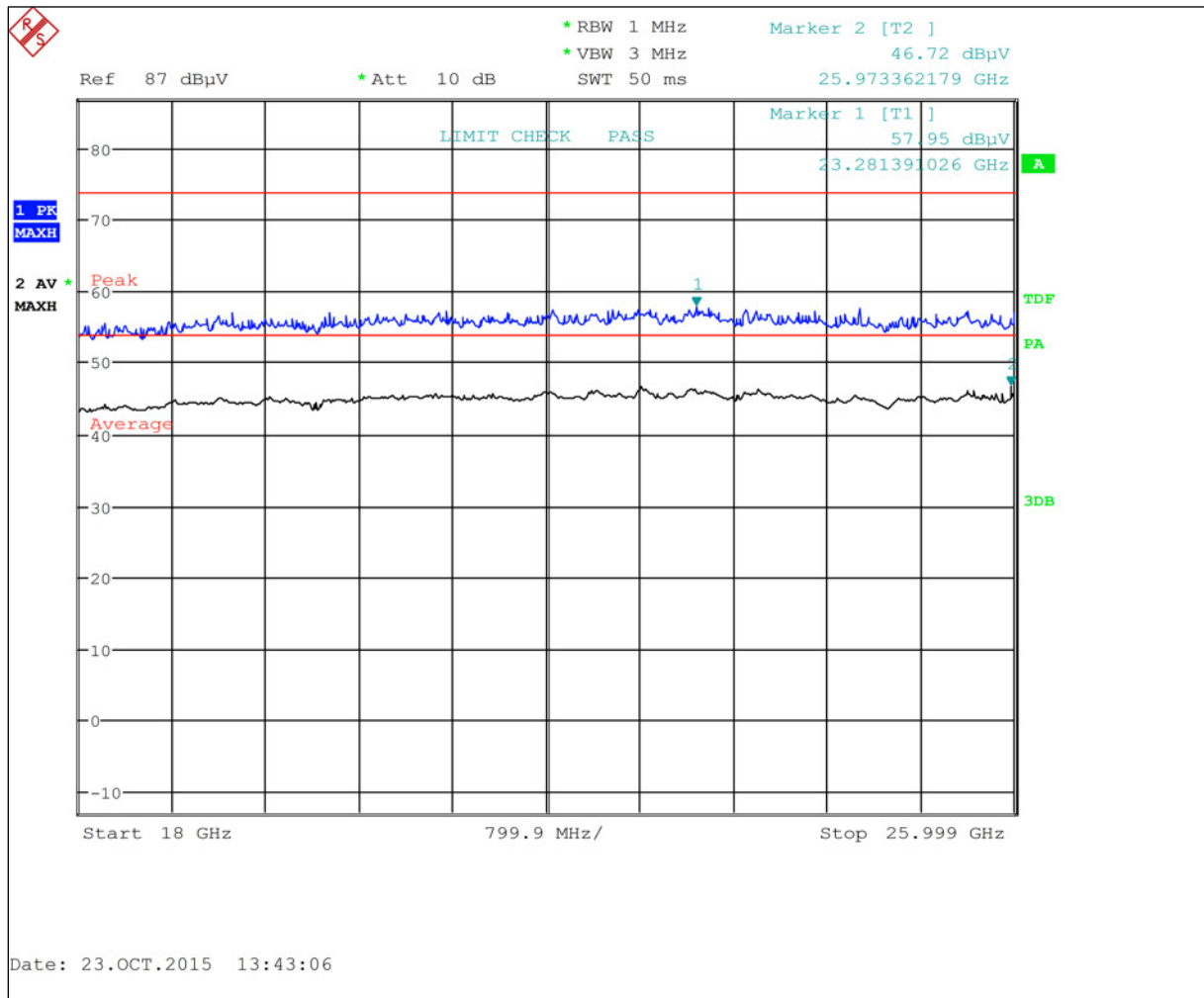
**Plot 6-121: Radiated Emissions 12 GHz – 18 GHz Horizontal Peak/Average**



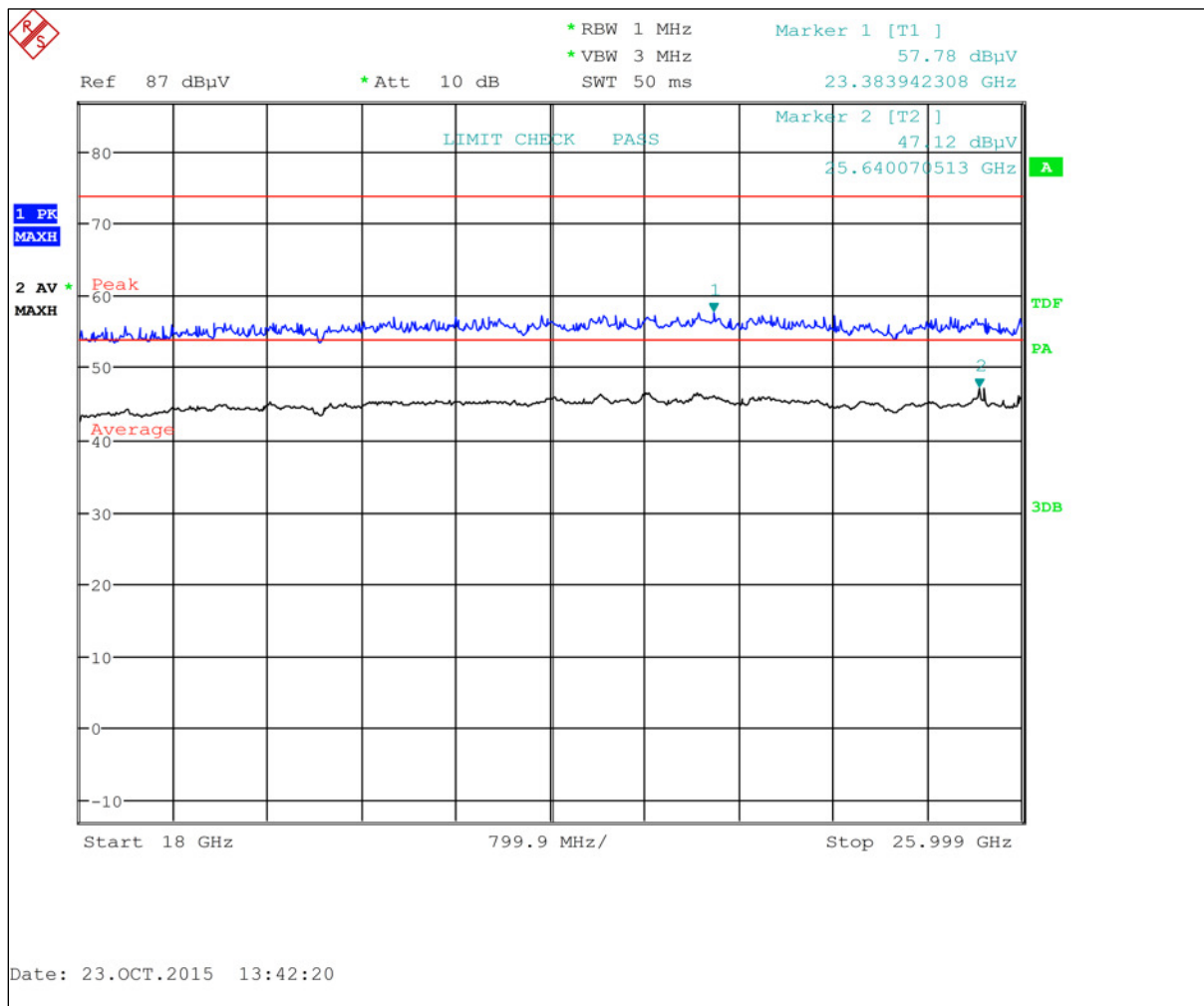
**Plot 6-122: Radiated Emissions 12 GHz – 18 GHz Vertical Peak/Average**



**Plot 6-123: Radiated Emissions 18 GHz – 26 GHz Horizontal Peak/Average**



**Plot 6-124: Radiated Emissions 18 GHz – 26 GHz Vertical Peak/Average**



### 6.3.1.7 Radiated Emissions Carrier Test Data - TC#7 Steel Container

Plot 6-125: Radiated Emissions of Carrier - TC #7 Steel Container

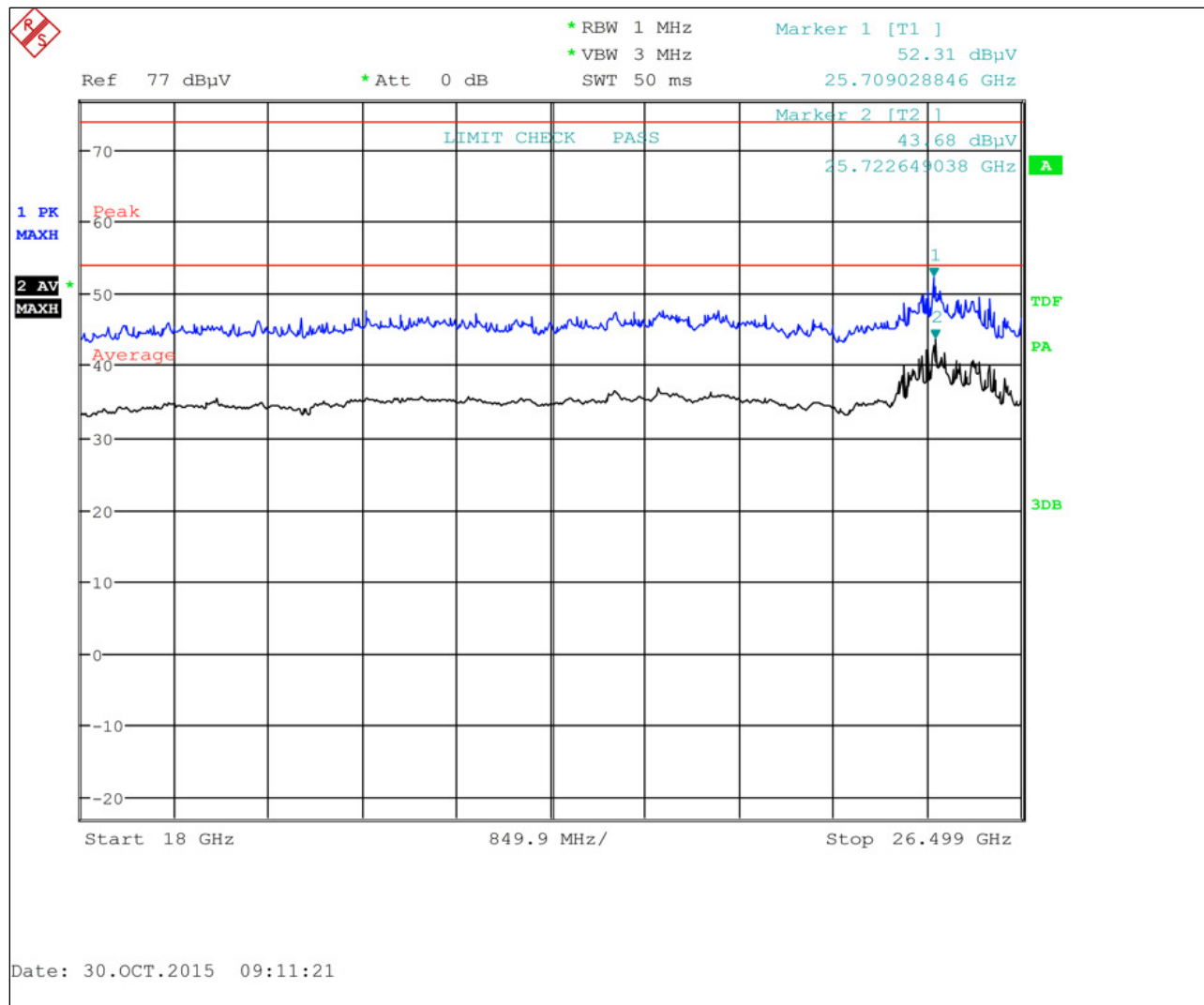
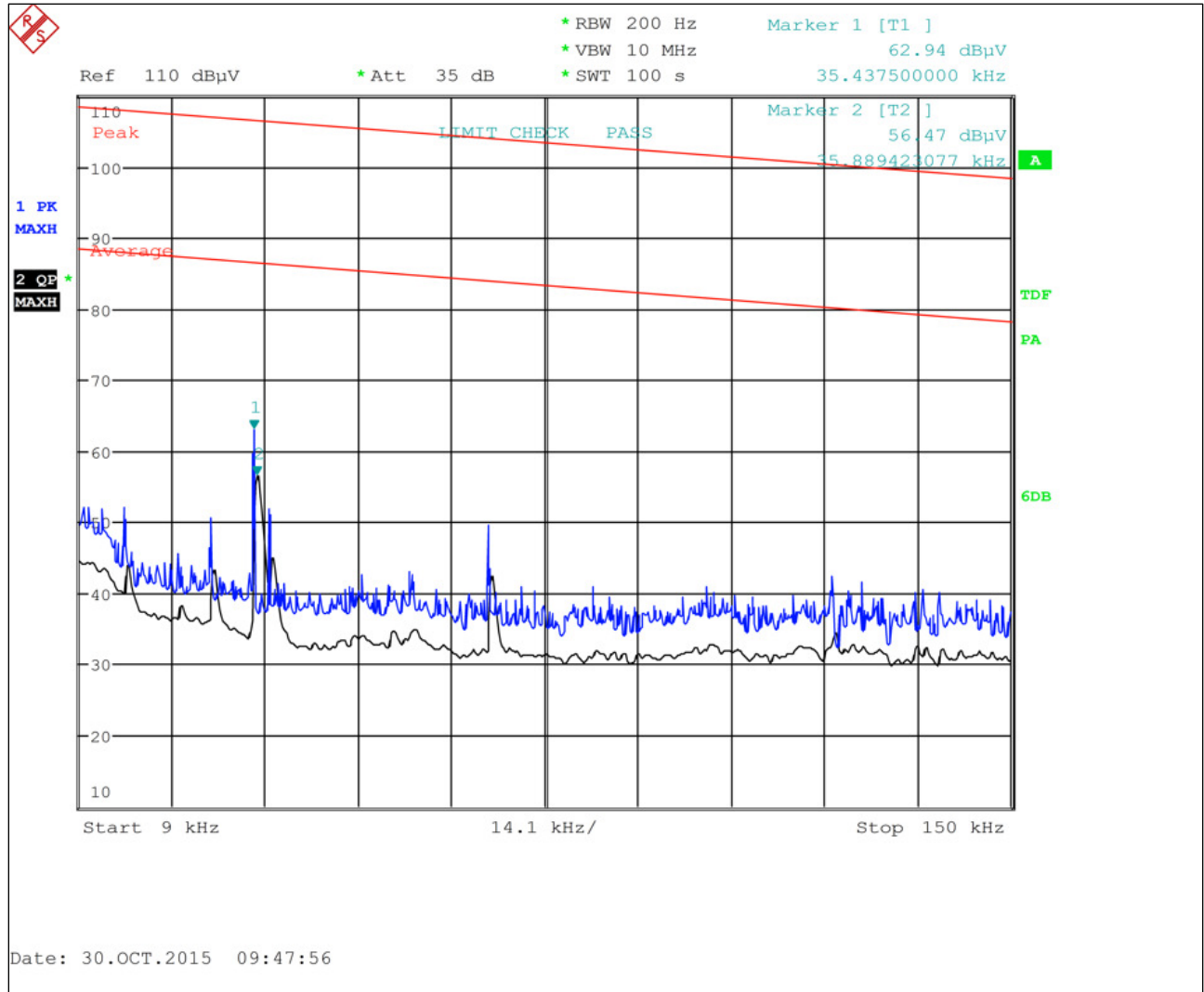


Table 6-7: Radiated Emissions of Carrier – TC #7 Steel Container

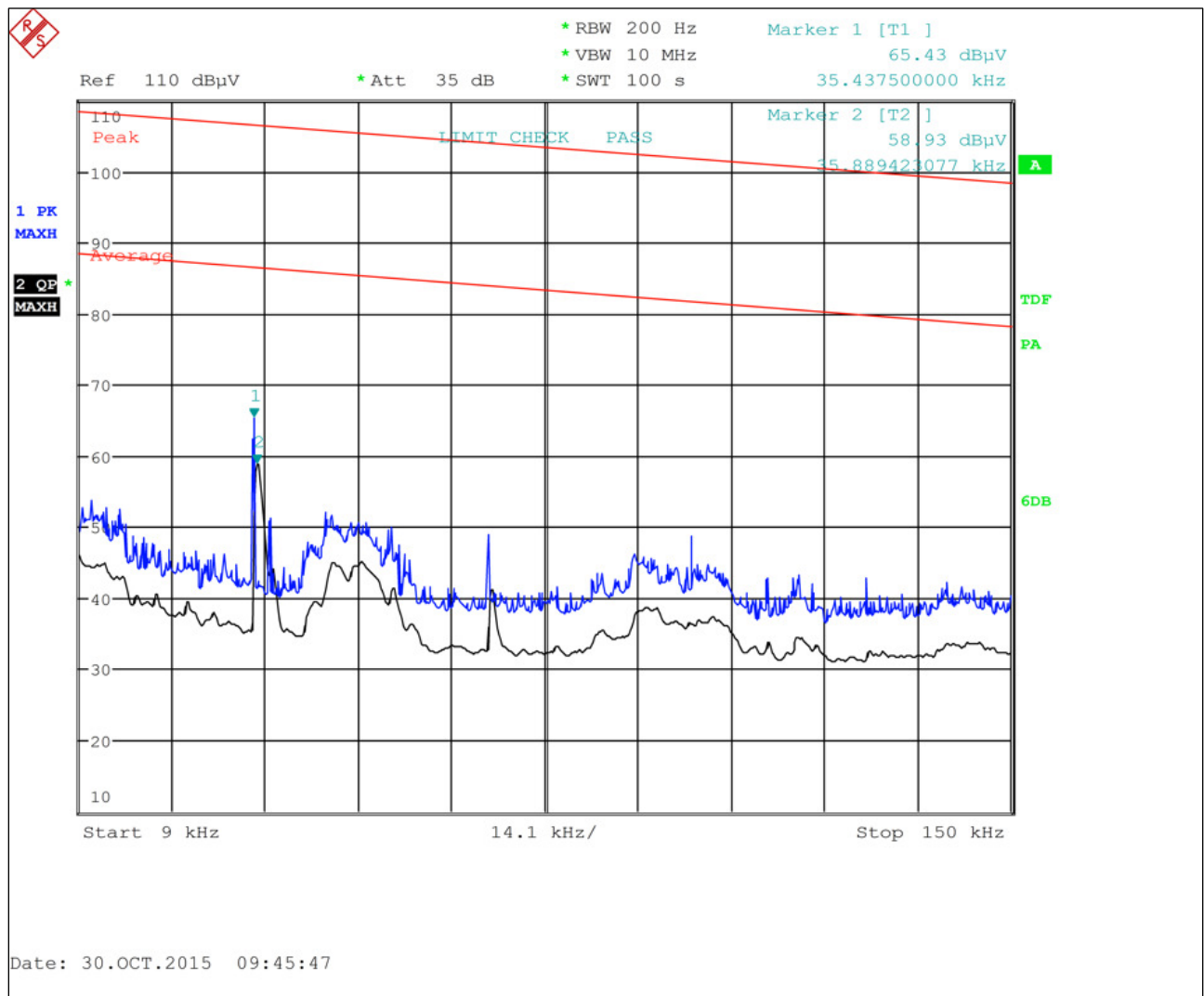
| Frequency (GHz) | Detector | Test Antenna Pol | Corrected Spectrum Analyzer Level (dBμV/m) | FCC Limit (dBμV) | Margin (dB) | Corrected Spectrum Analyzer Level (dBm/MHz) | IC Limit (dBm/MHz) | Margin (dBm) |
|-----------------|----------|------------------|--------------------------------------------|------------------|-------------|---------------------------------------------|--------------------|--------------|
| 25.7090         | Peak     | V                | 52.3                                       | 74.0             | -21.7       | NA                                          |                    |              |
| 25.7226         | Average  | V                | 43.7                                       | 54.0             | -10.3       | -51.5                                       | -41.3              | 10.2         |

### 6.3.1.8 Radiated Emissions Below 1 GHz Test Data – TC#7 Steel Container

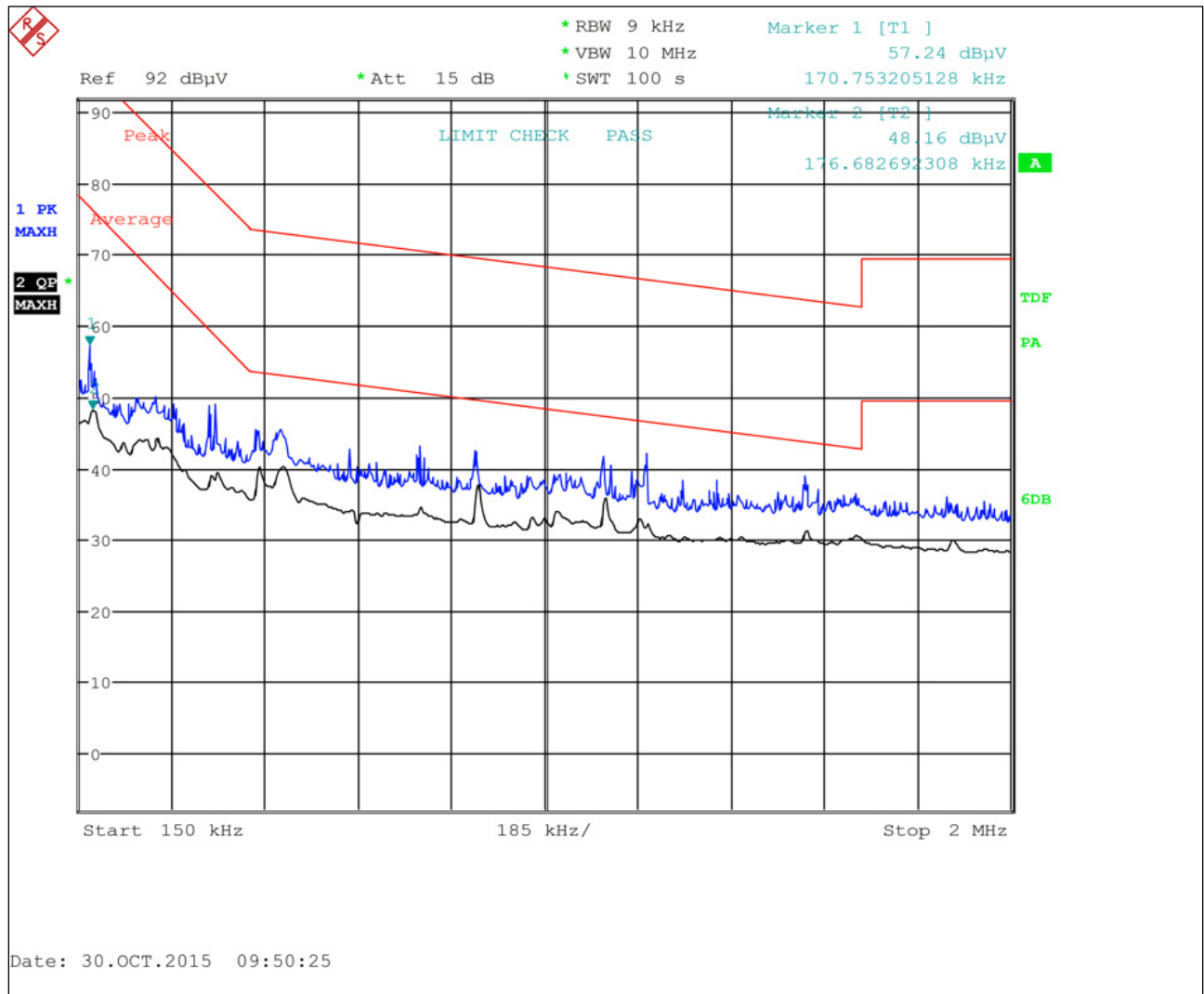
Plot 6-126: Radiated Emissions Transmit – 9 kHz – 150 kHz Horizontal Peak/Average



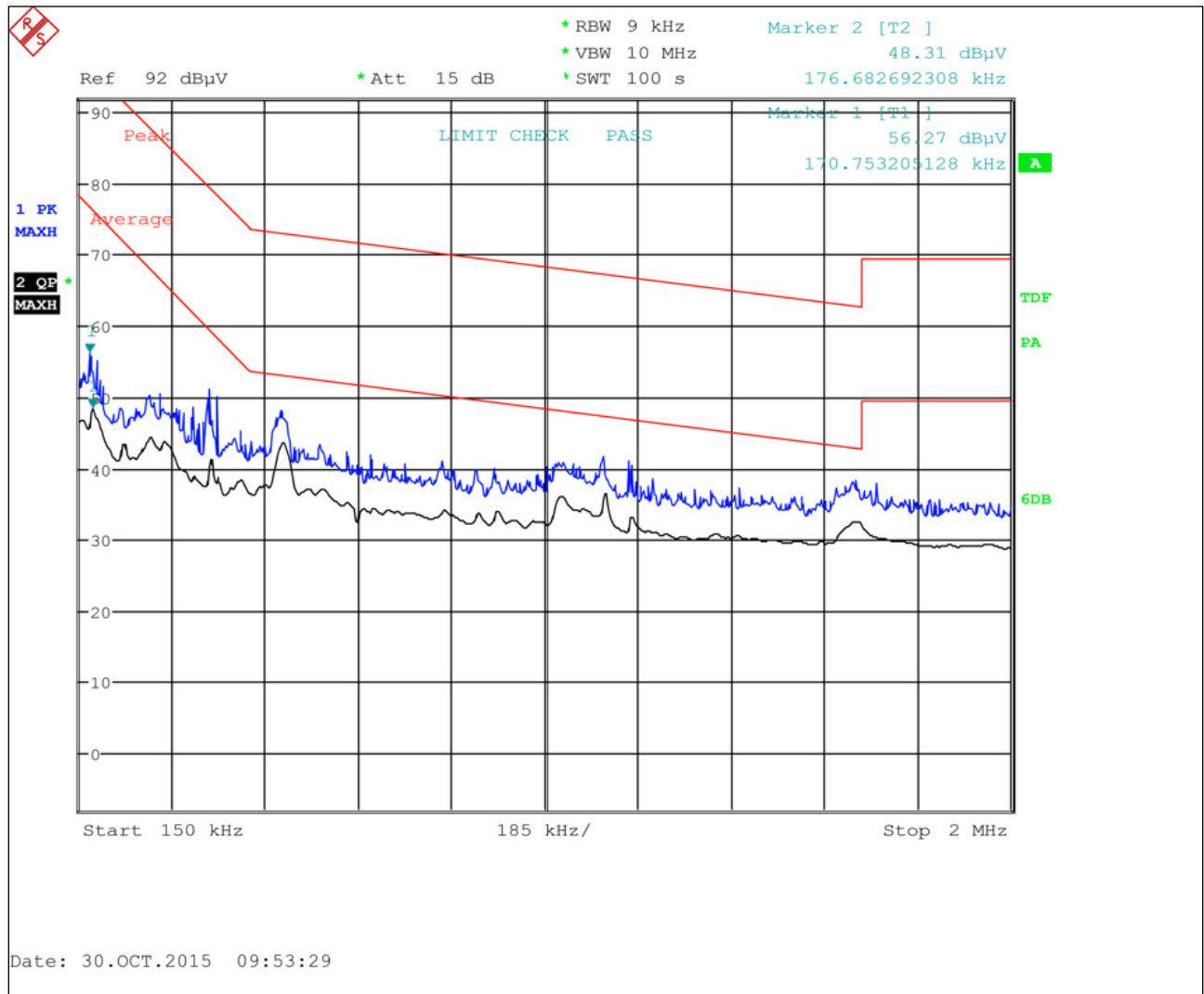
**Plot 6-127: Radiated Emissions Transmit – 9 kHz – 150 kHz Vertical Peak/Average**



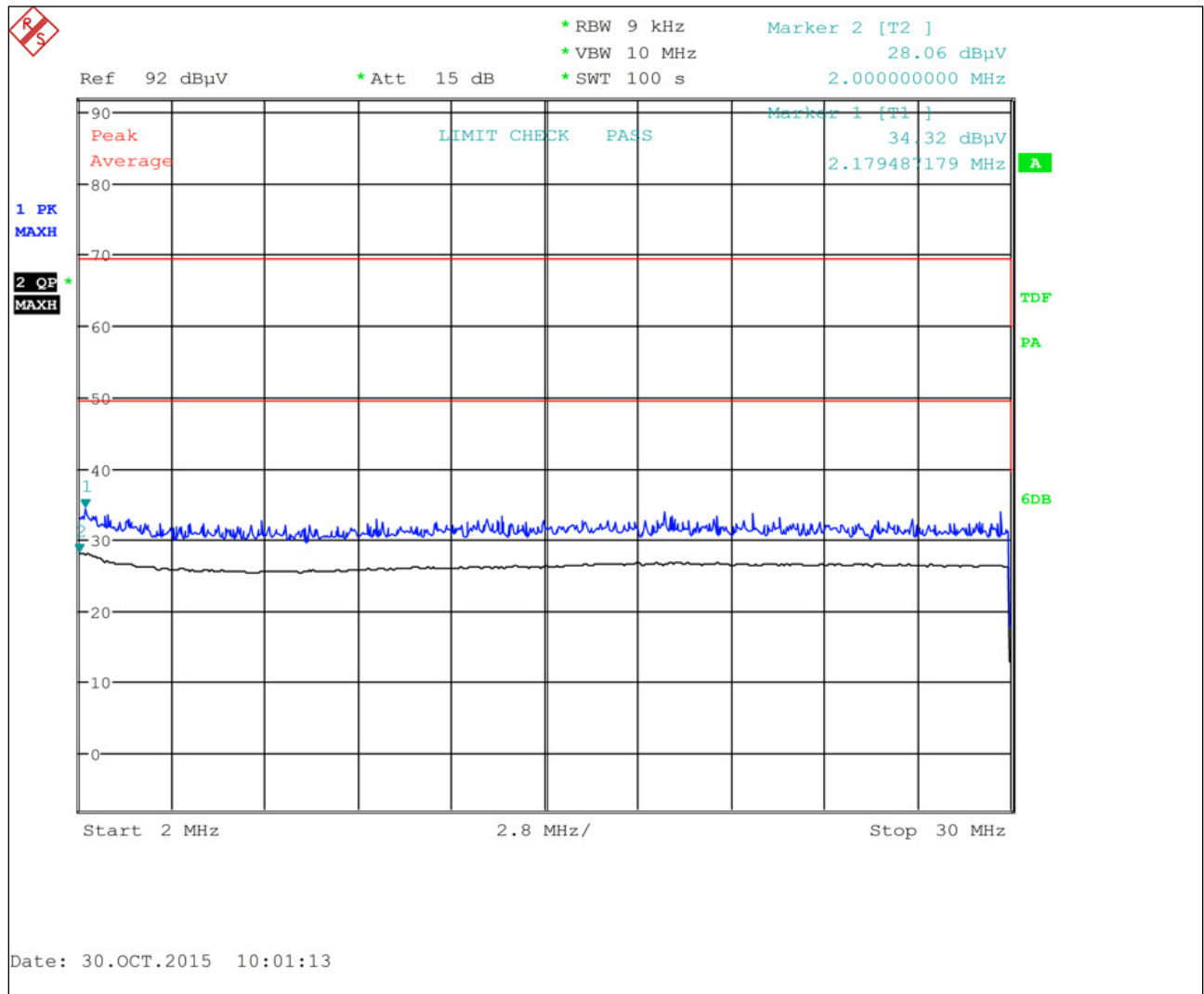
**Plot 6-128: Radiated Emissions Transmit – 150 kHz – 2 MHz Horizontal Peak/Average**



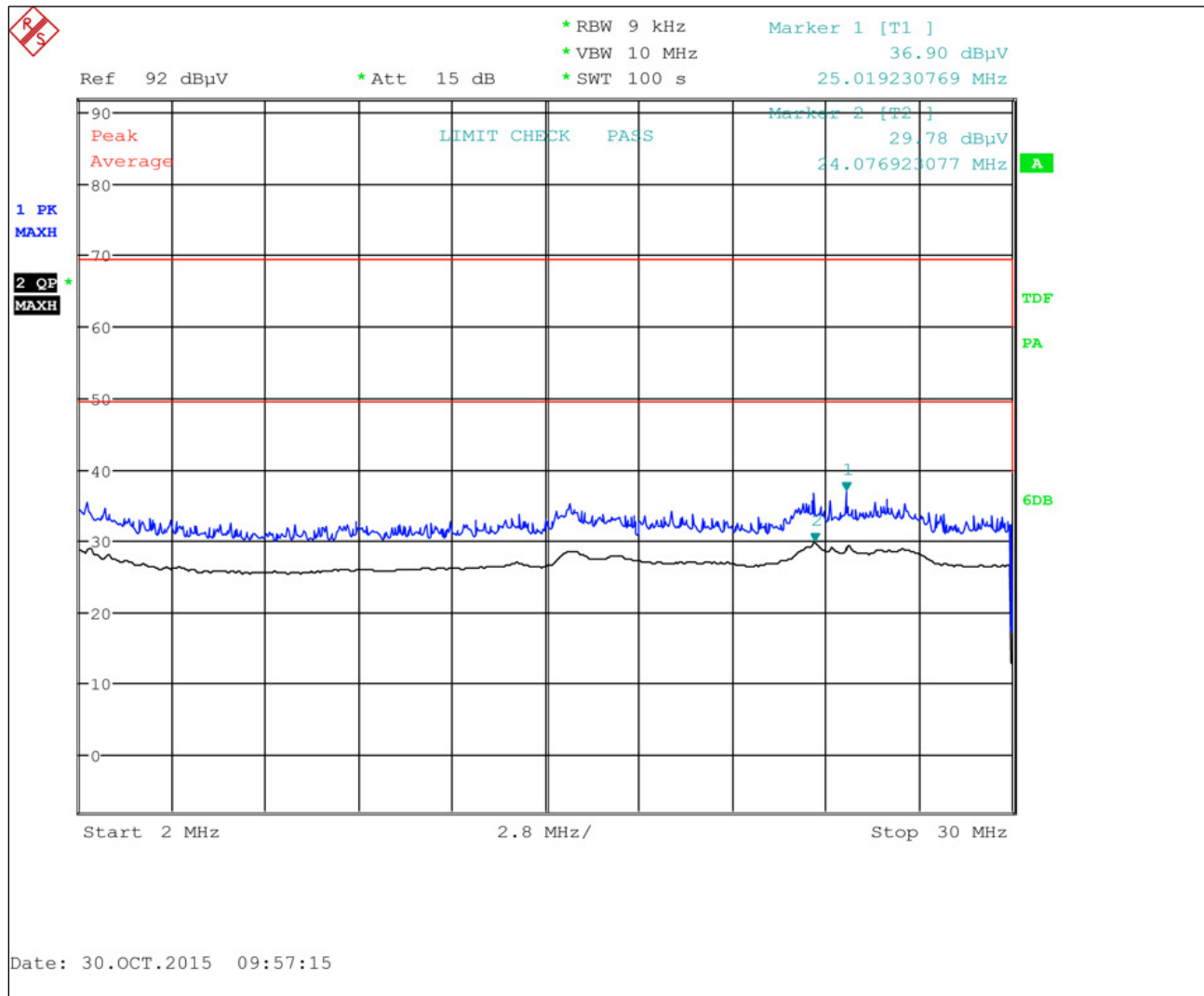
**Plot 6-129: Radiated Emissions Transmit – 150 kHz – 2 MHz Vertical Peak/Average**



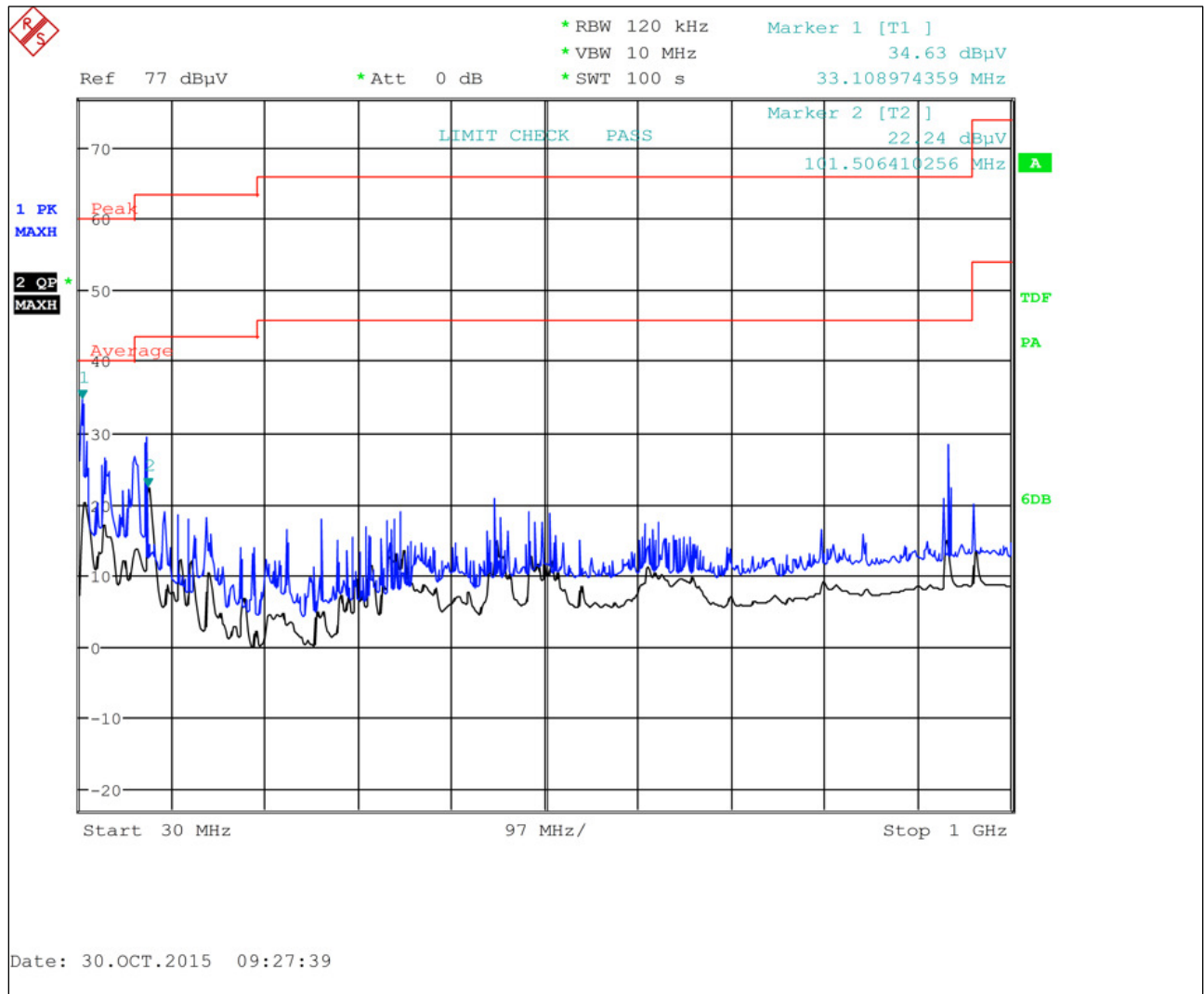
**Plot 6-130: Radiated Emissions Transmit – 2 MHz – 30 MHz Horizontal Peak/Average**



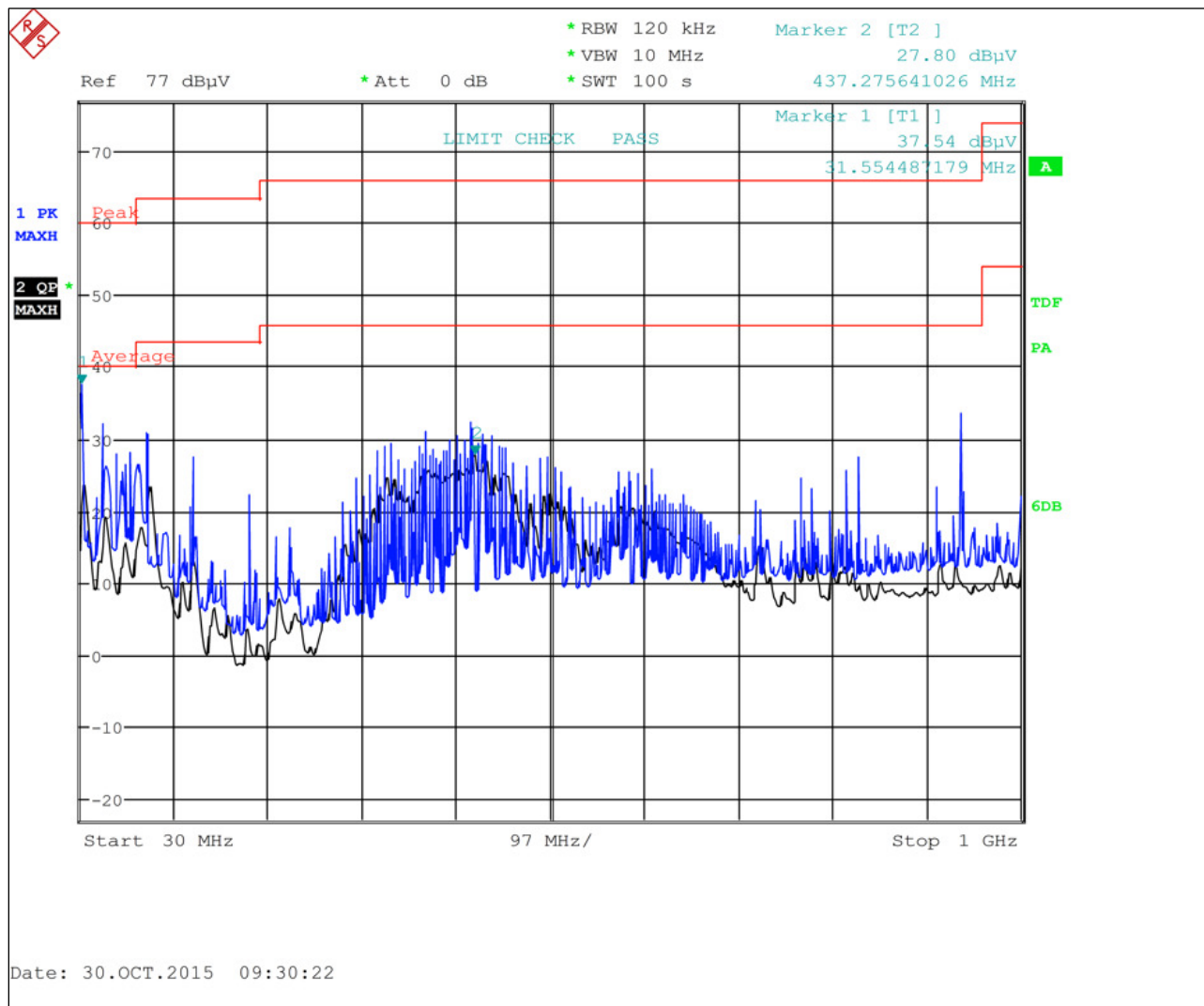
**Plot 6-131: Radiated Emissions Transmit – 2 MHz – 30 MHz Vertical Peak/Average**



**Plot 6-132: Radiated Emissions Transmit – 30 MHz – 1 GHz Horizontal Peak/Average**



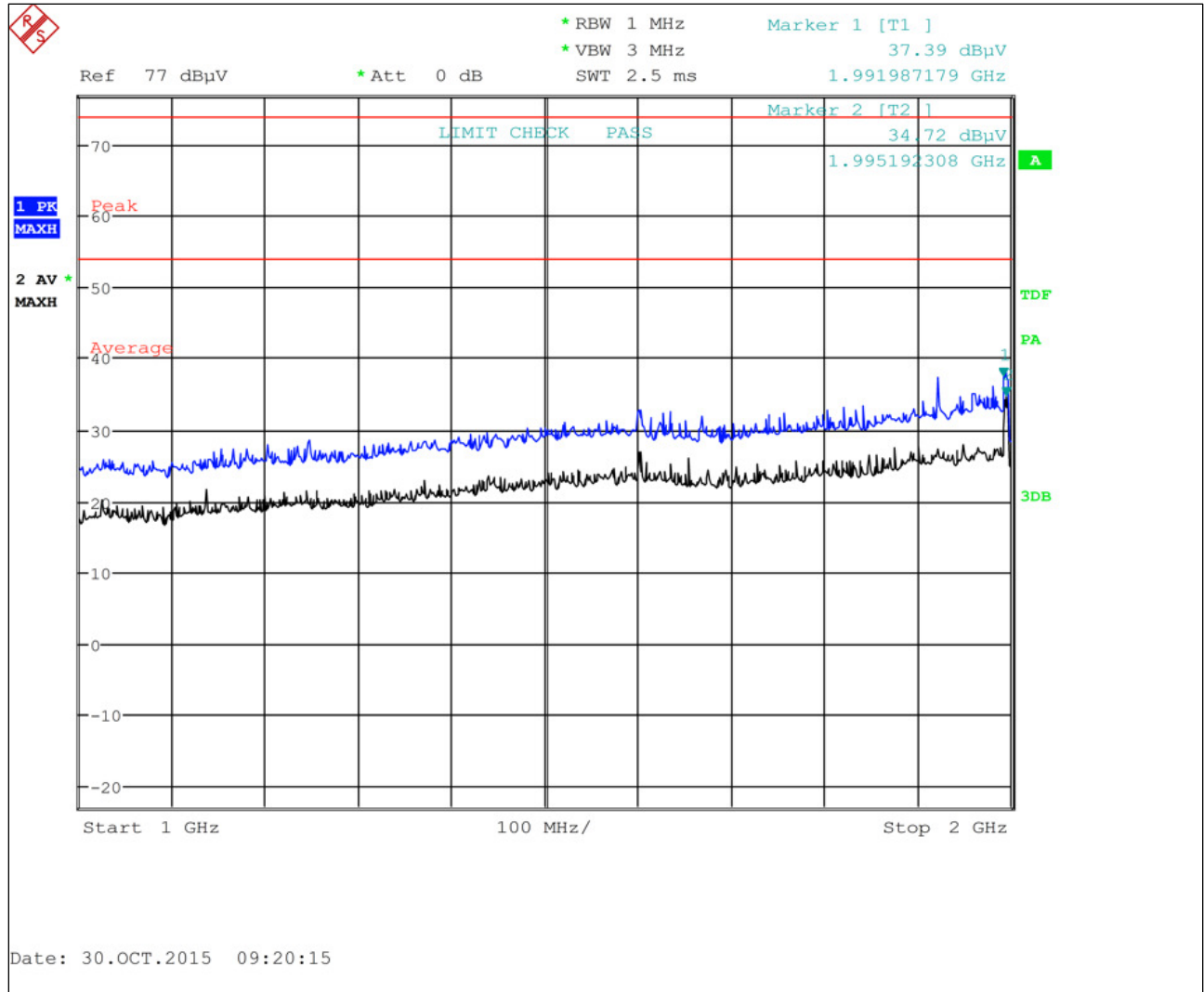
**Plot 6-133: Radiated Emissions Transmit – 30 MHz – 1 GHz Vertical Peak/Average**



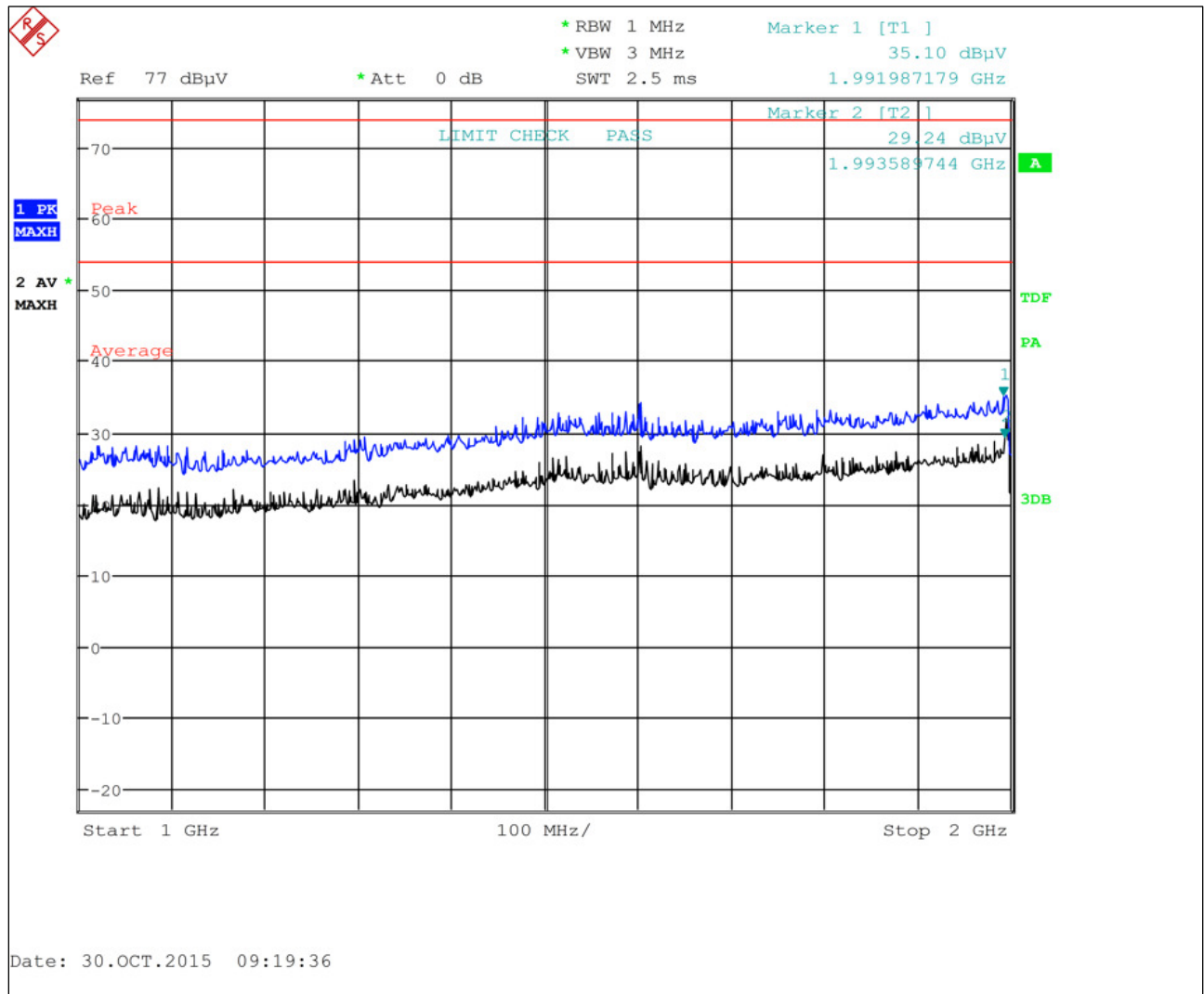
Note: Unwanted emissions were investigated as a digital device (other than harmonics) as required by 15.33(a)(3).

### 6.3.1.9 Radiated Emissions 1 GHz – 26 GHz Test Data – TC#7 Steel Container

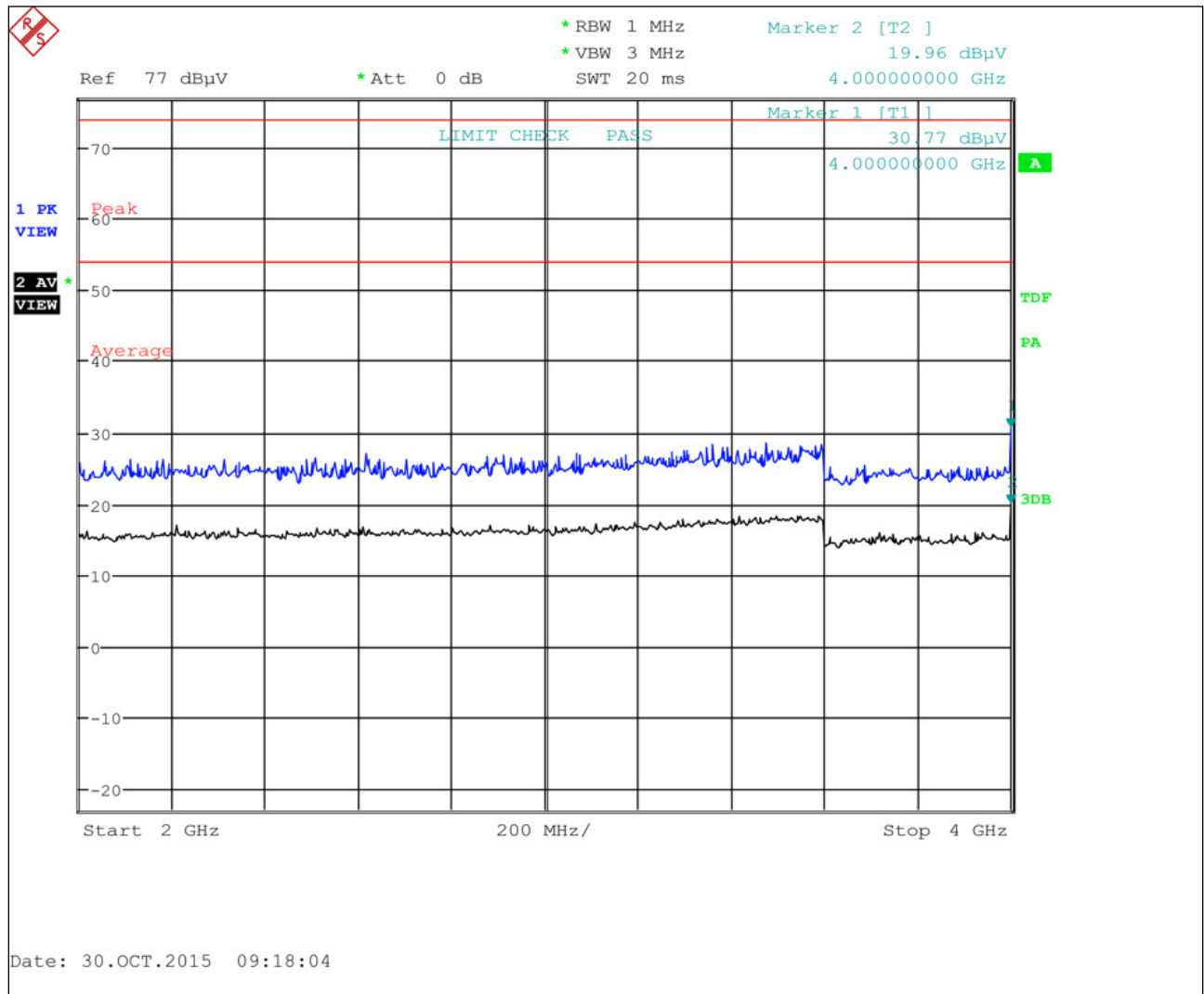
**Plot 6-134: Radiated Emissions 1 GHz – 2 GHz Horizontal Peak/Average**



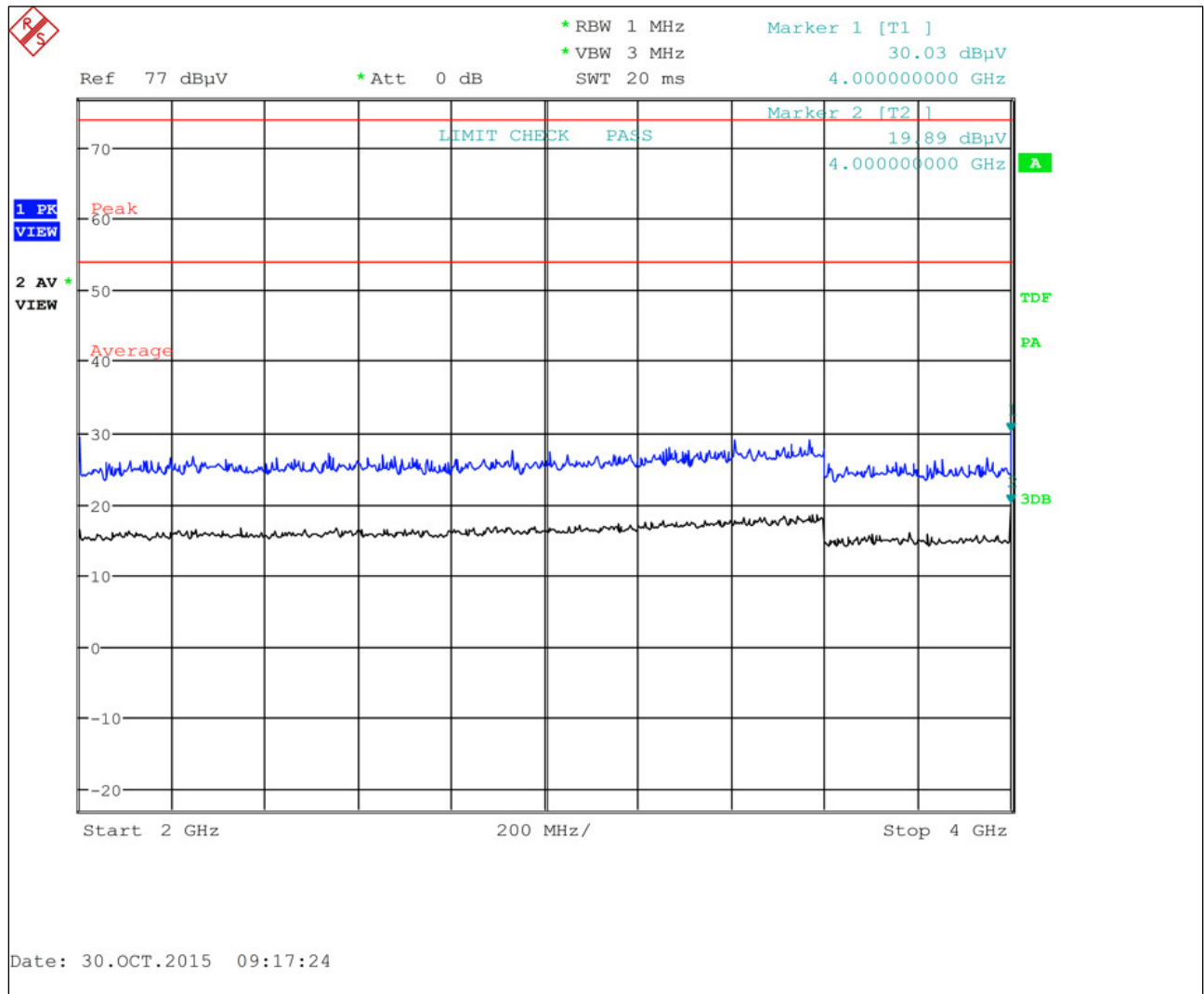
**Plot 6-135: Radiated Emissions 1 GHz – 2 GHz Vertical Peak/Average**



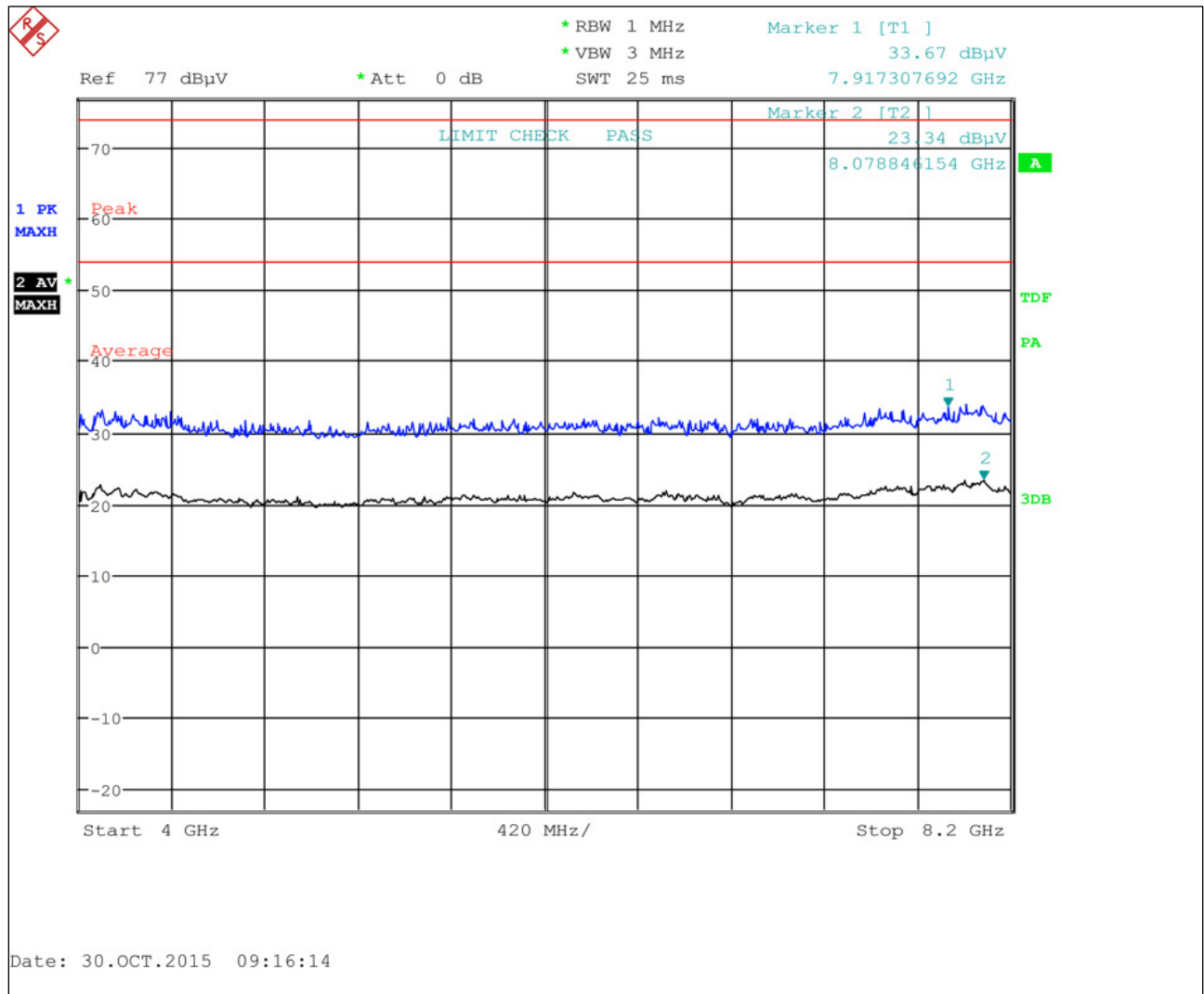
**Plot 6-136: Radiated Emissions 2 GHz – 4 GHz Horizontal Peak/Average**



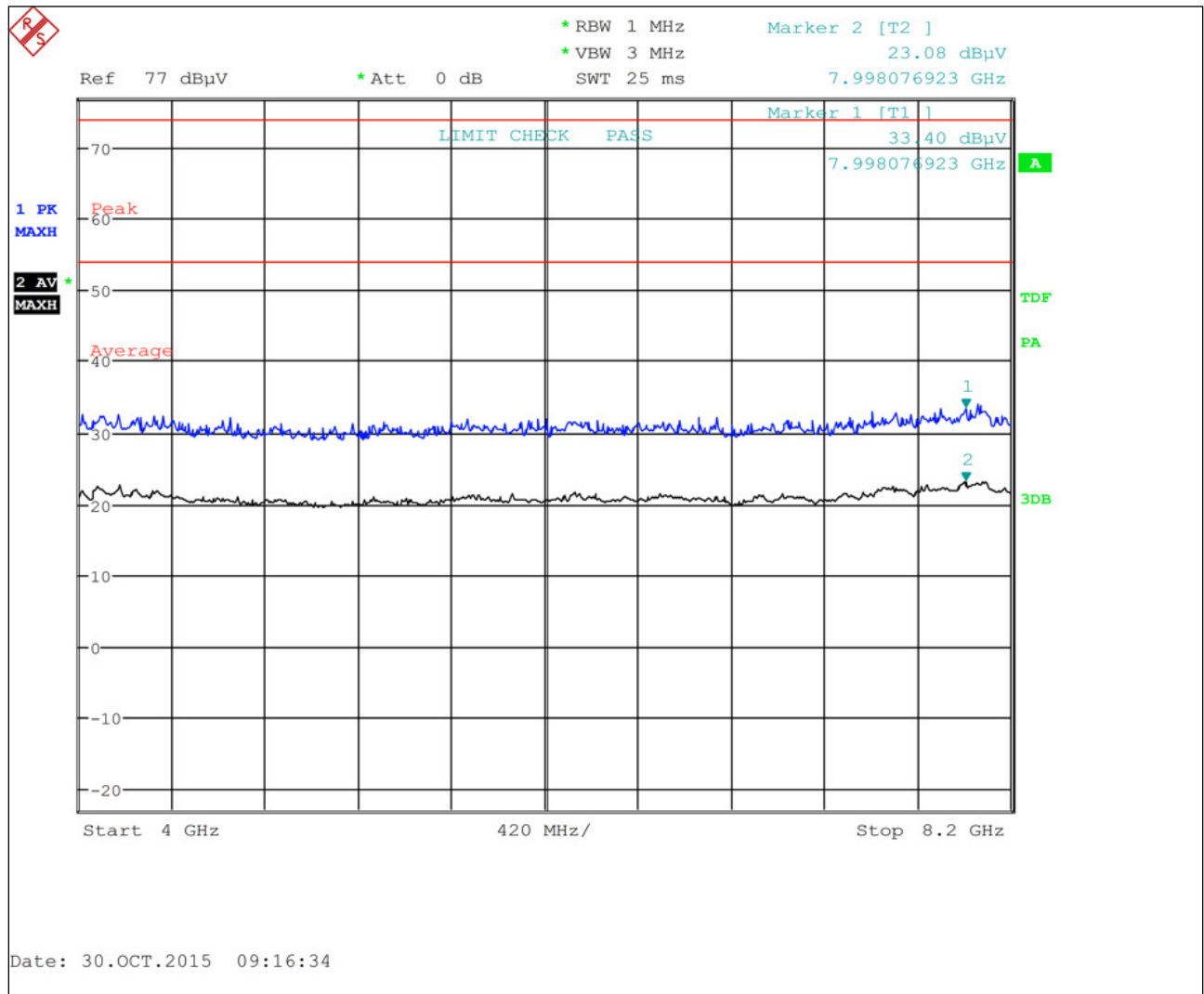
**Plot 6-137: Radiated Emissions 2 GHz – 4 GHz Vertical Peak/Average**



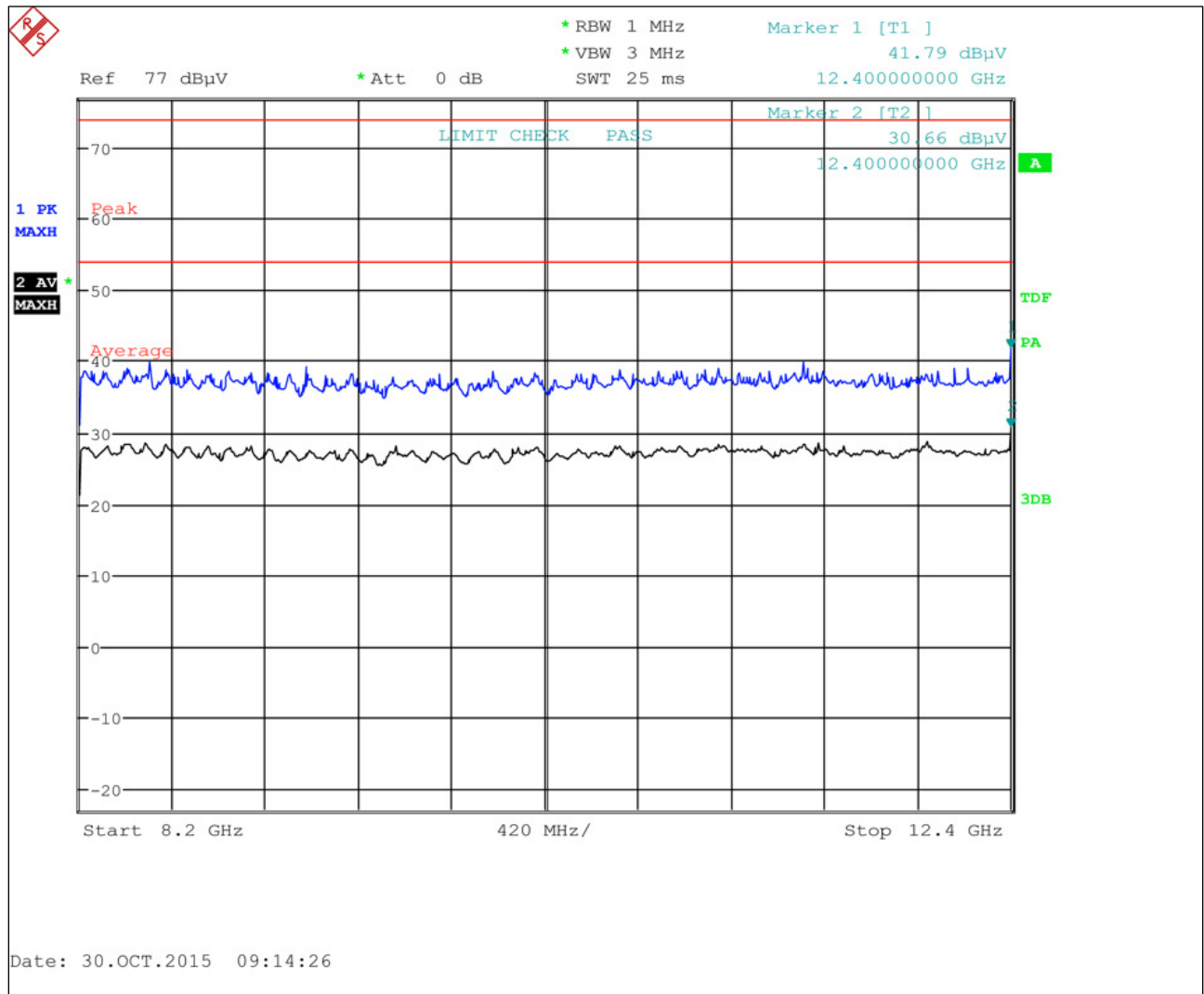
**Plot 6-138: Radiated Emissions 4 GHz – 8 GHz Horizontal Peak/Average**



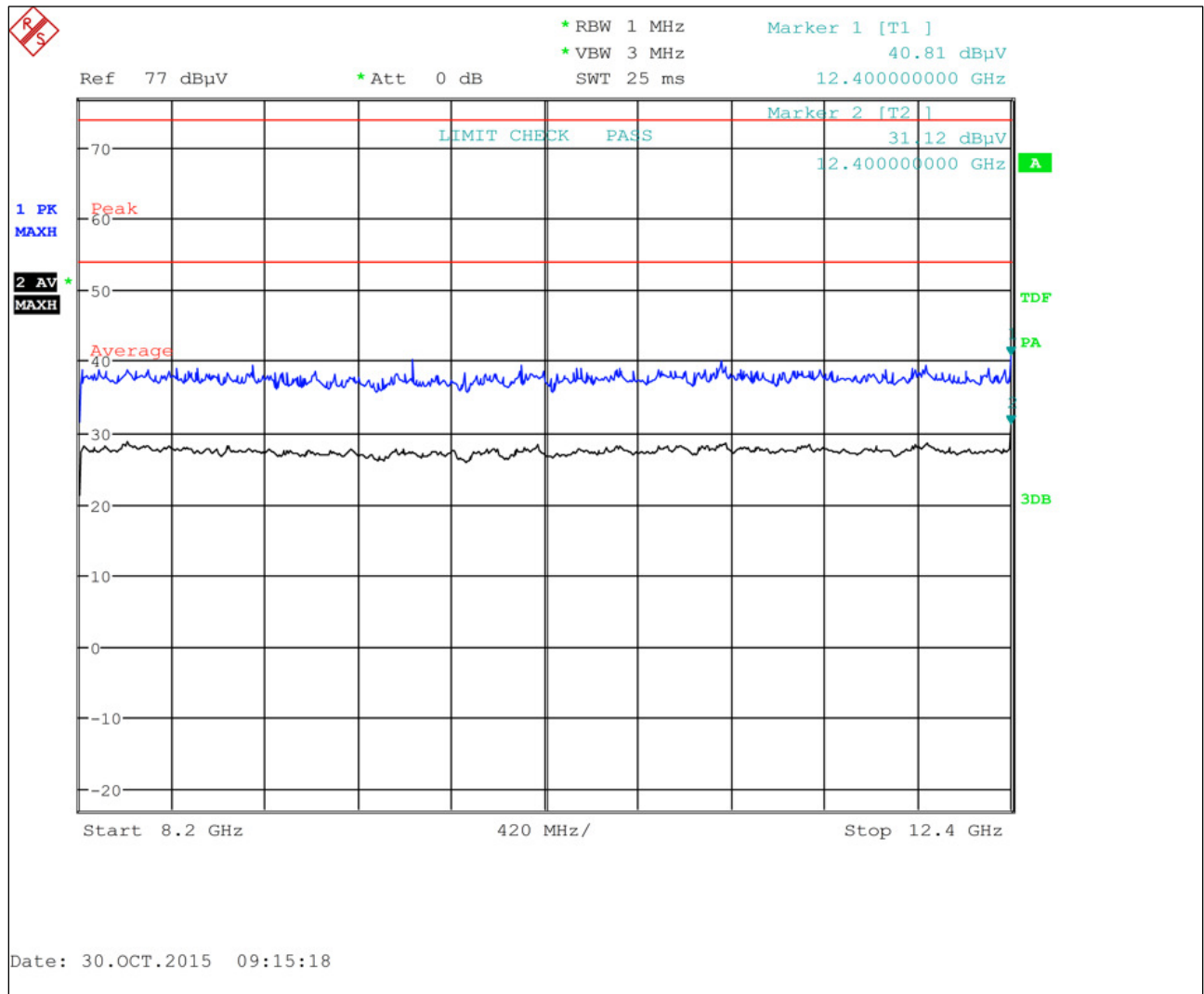
**Plot 6-139: Radiated Emissions 4 GHz – 8 GHz Vertical Peak/Average**



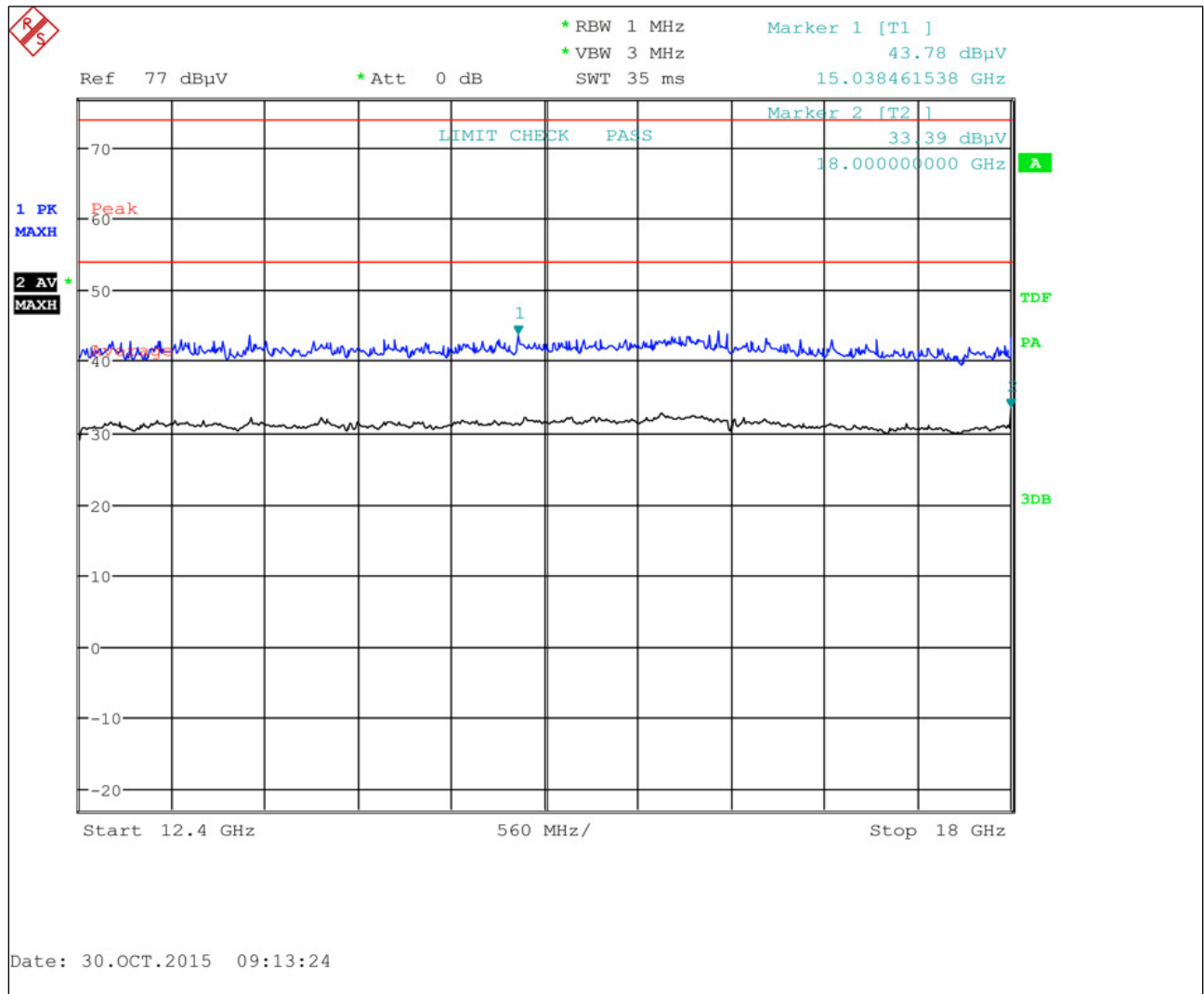
**Plot 6-140: Radiated Emissions 8 GHz – 12 GHz Horizontal Peak/Average**



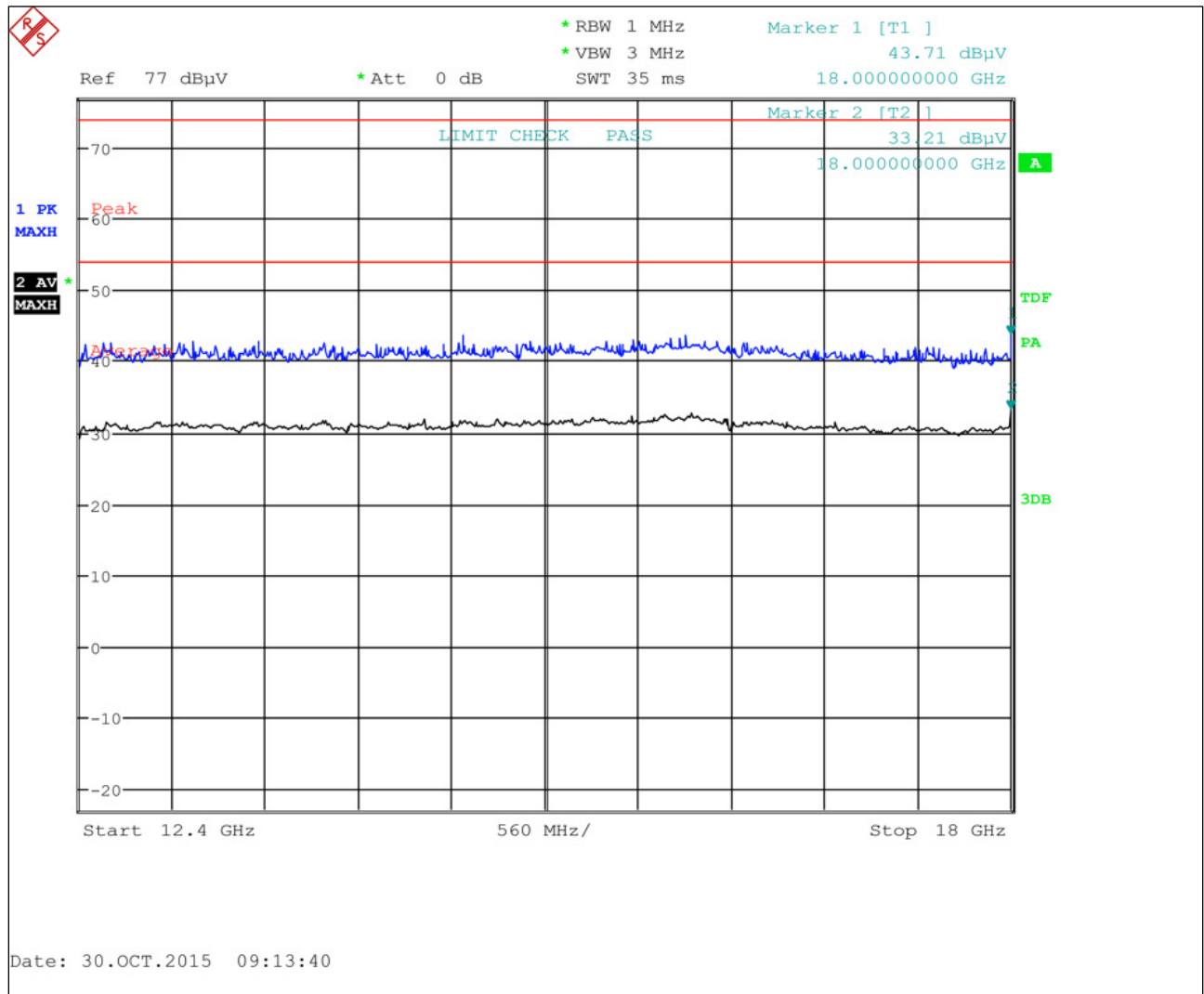
**Plot 6-141: Radiated Emissions 8 GHz – 12 GHz Vertical Peak/Average**



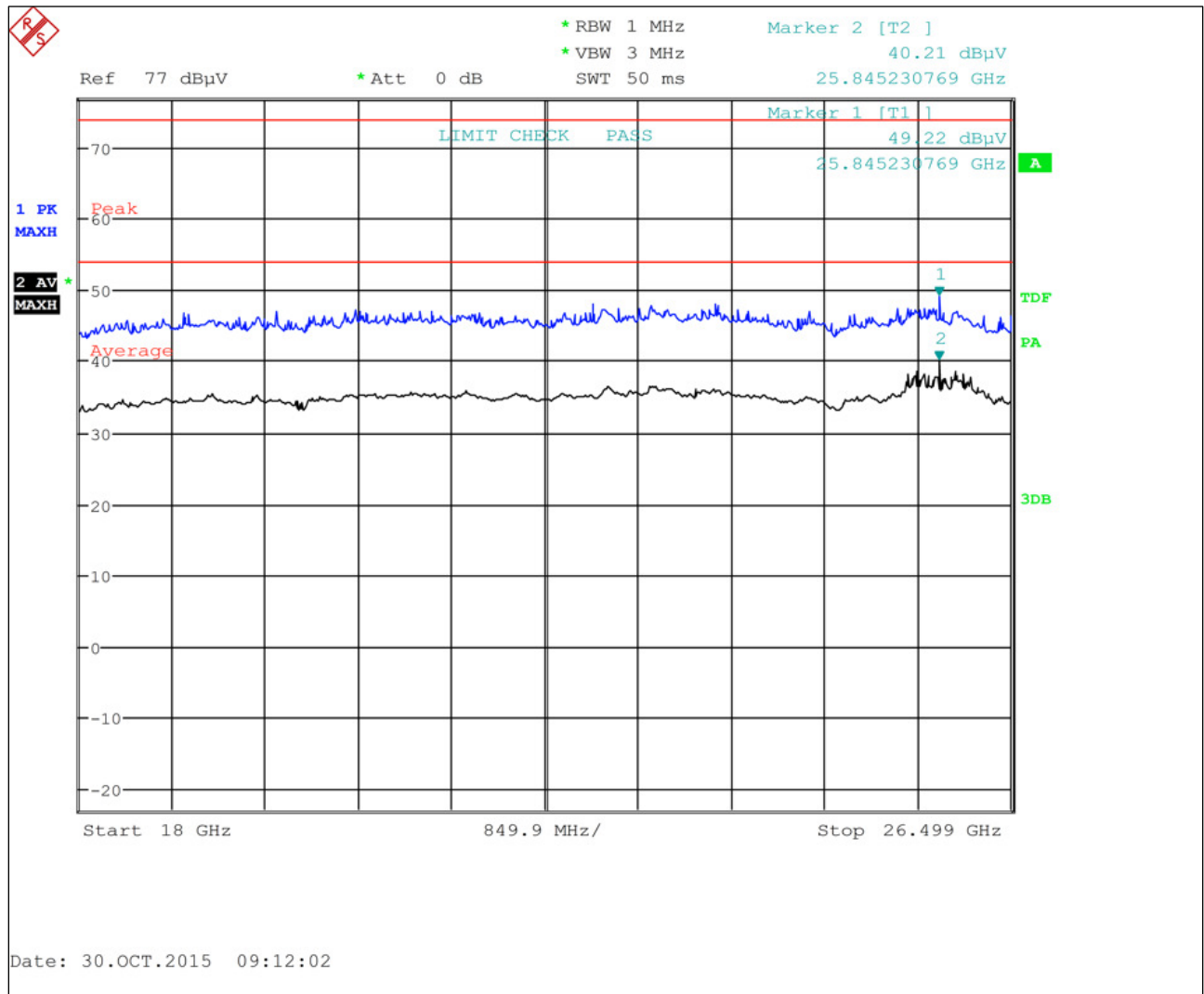
**Plot 6-142: Radiated Emissions 12 GHz – 18 GHz Horizontal Peak/Average**



**Plot 6-143: Radiated Emissions 12 GHz – 18 GHz Vertical Peak/Average**



**Plot 6-144: Radiated Emissions 18 GHz – 26 GHz Horizontal Peak/Average**



**Plot 6-145: Radiated Emissions 18 GHz – 26 GHz Vertical Peak/Average**

