

### 6.3.3.13 Radiated Emissions Carrier Test Data - TC#5 Fiberglass Container

Plot 6-461: Radiated Emissions of Carrier - TC #5 Fiberglass Container

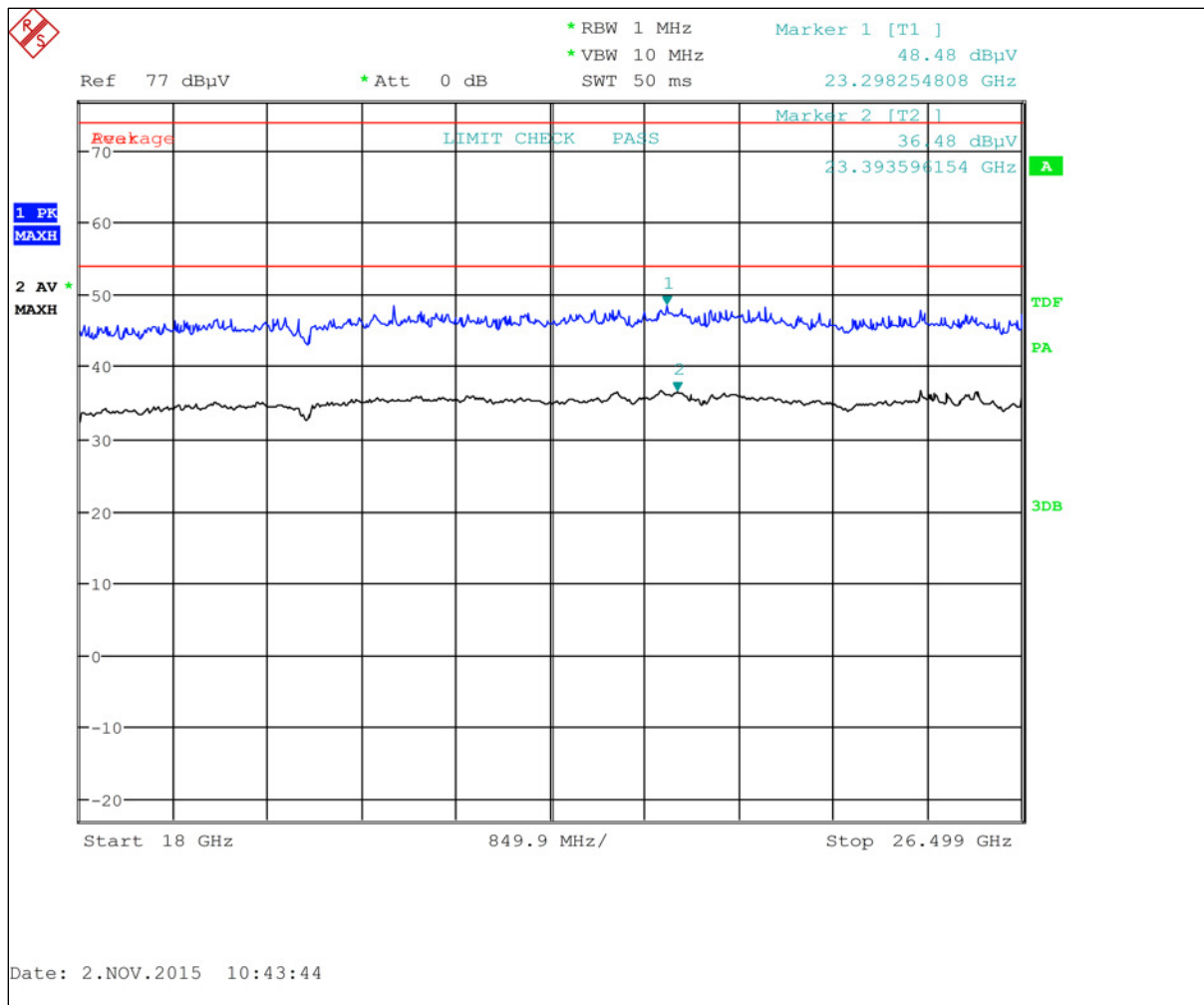
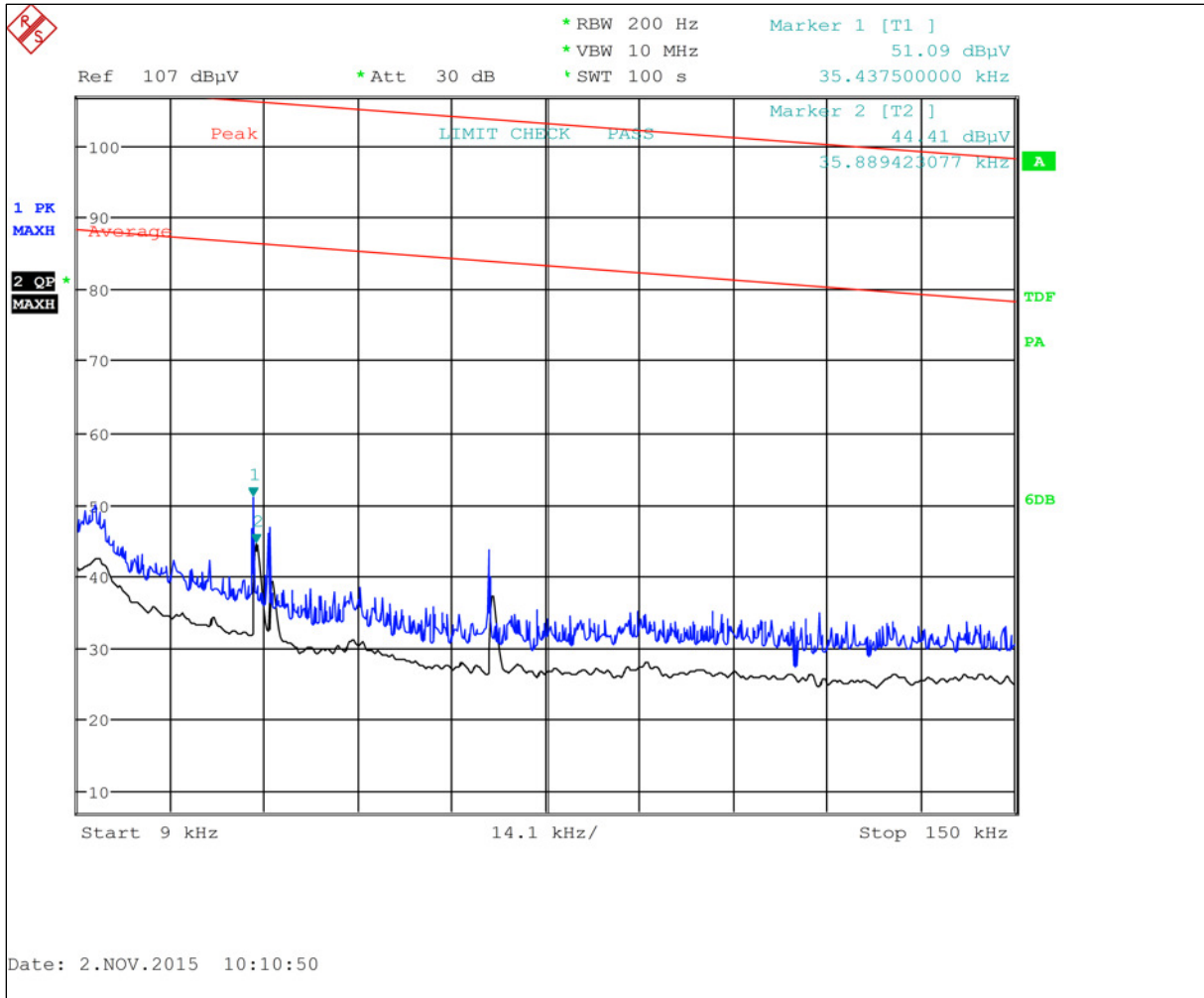


Table 6-23: Radiated Emissions of Carrier – TC #5 Fiberglass Container

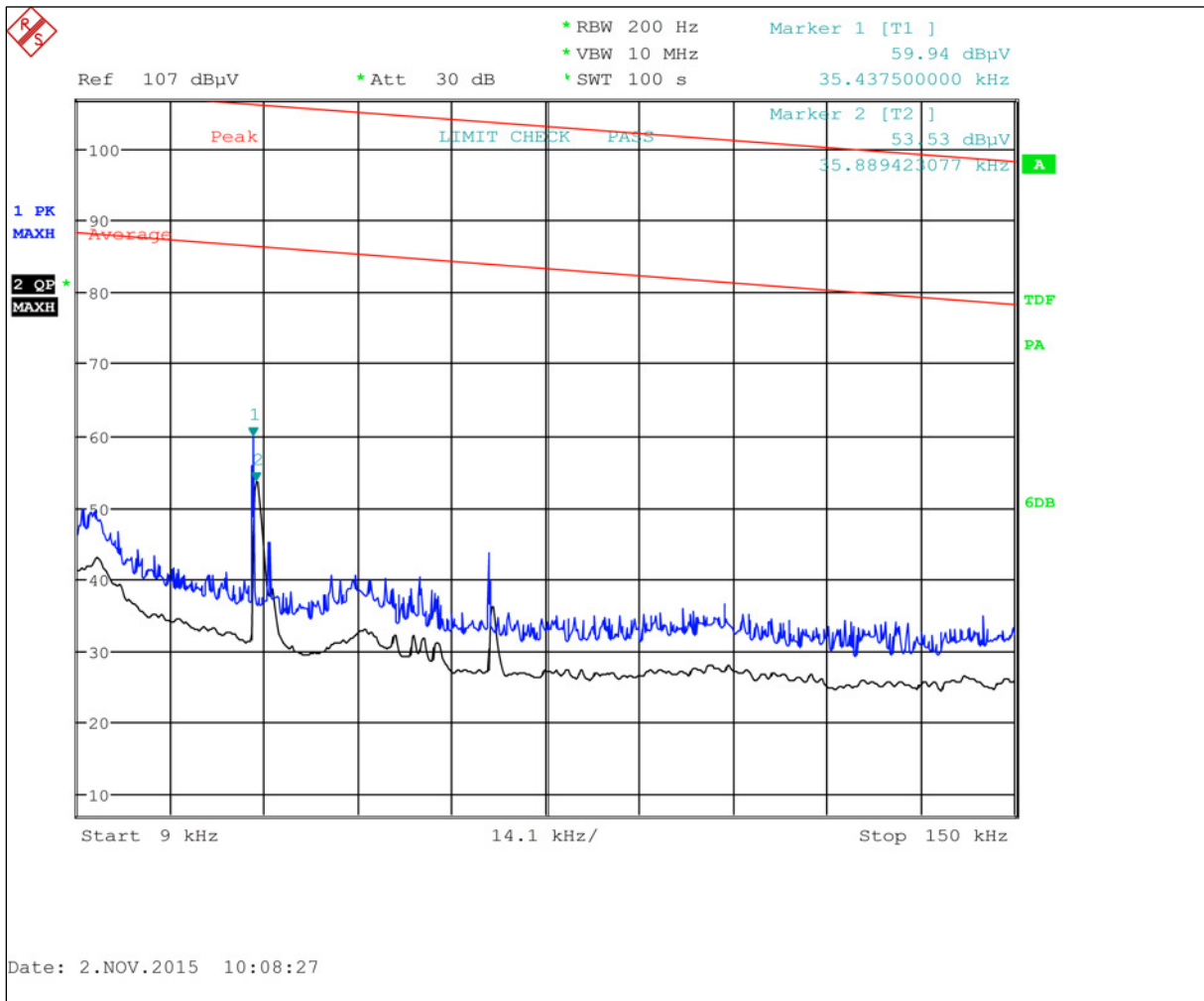
Frequency (GHz)	Detector	Test Antenna Pol	Corrected Spectrum Analyzer Level (dBuV/m)	FCC Limit (dBuV)	Margin (dB)	Corrected Spectrum Analyzer Level (dBm/MHz)	IC Limit (dBm/MHz)	Margin (dBm)
23.2982	Peak	H	48.5	74.0	-25.5	NA		
23.3935	Average	H	36.5	54.0	-17.5	-58.7	-41.3	17.4

### 6.3.3.14 Radiated Emissions Below 1 GHz Test Data – TC#5 Fiberglass Container

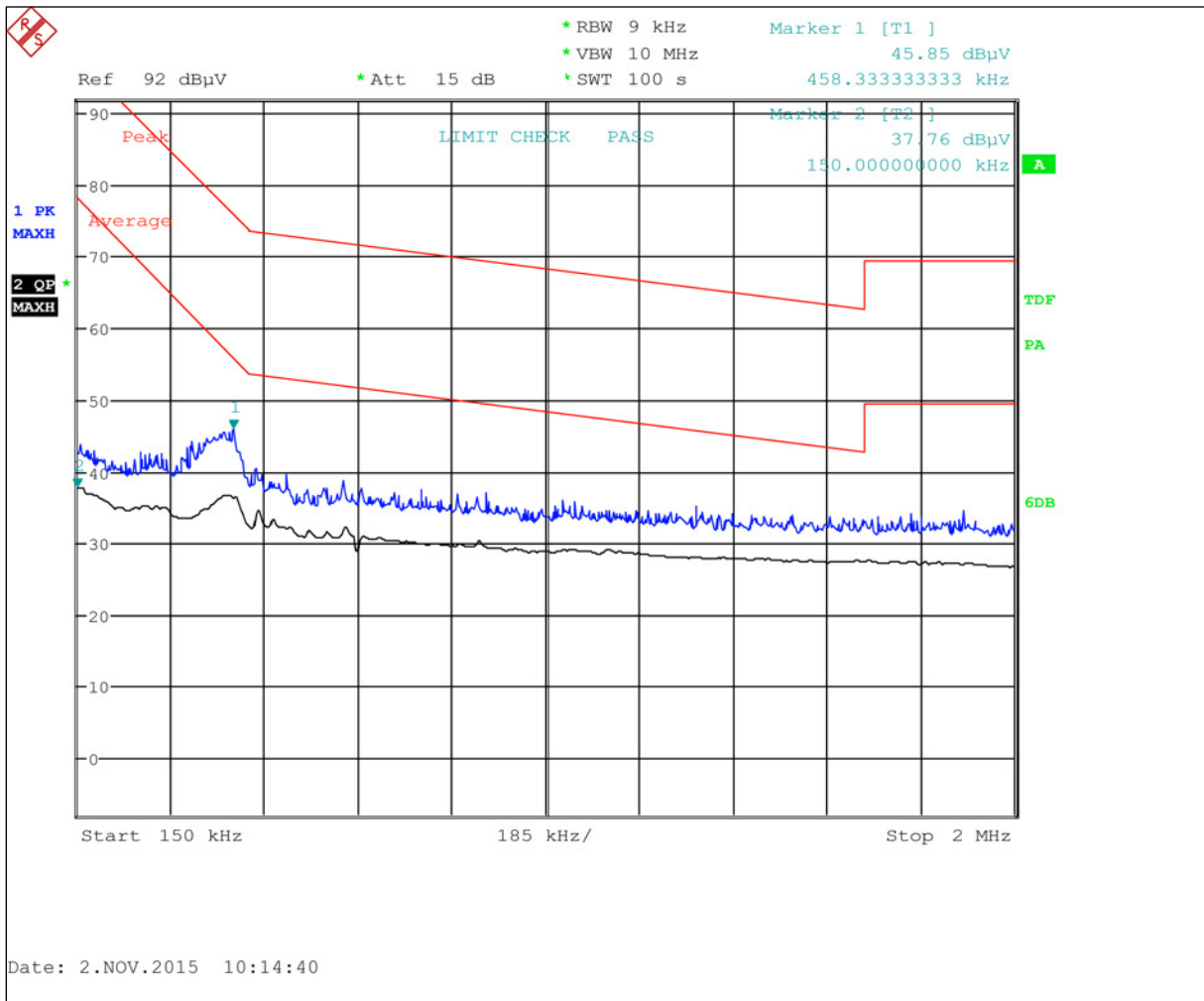
Plot 6-462: Radiated Emissions Transmit – 9 kHz – 150 kHz Horizontal Peak/Average



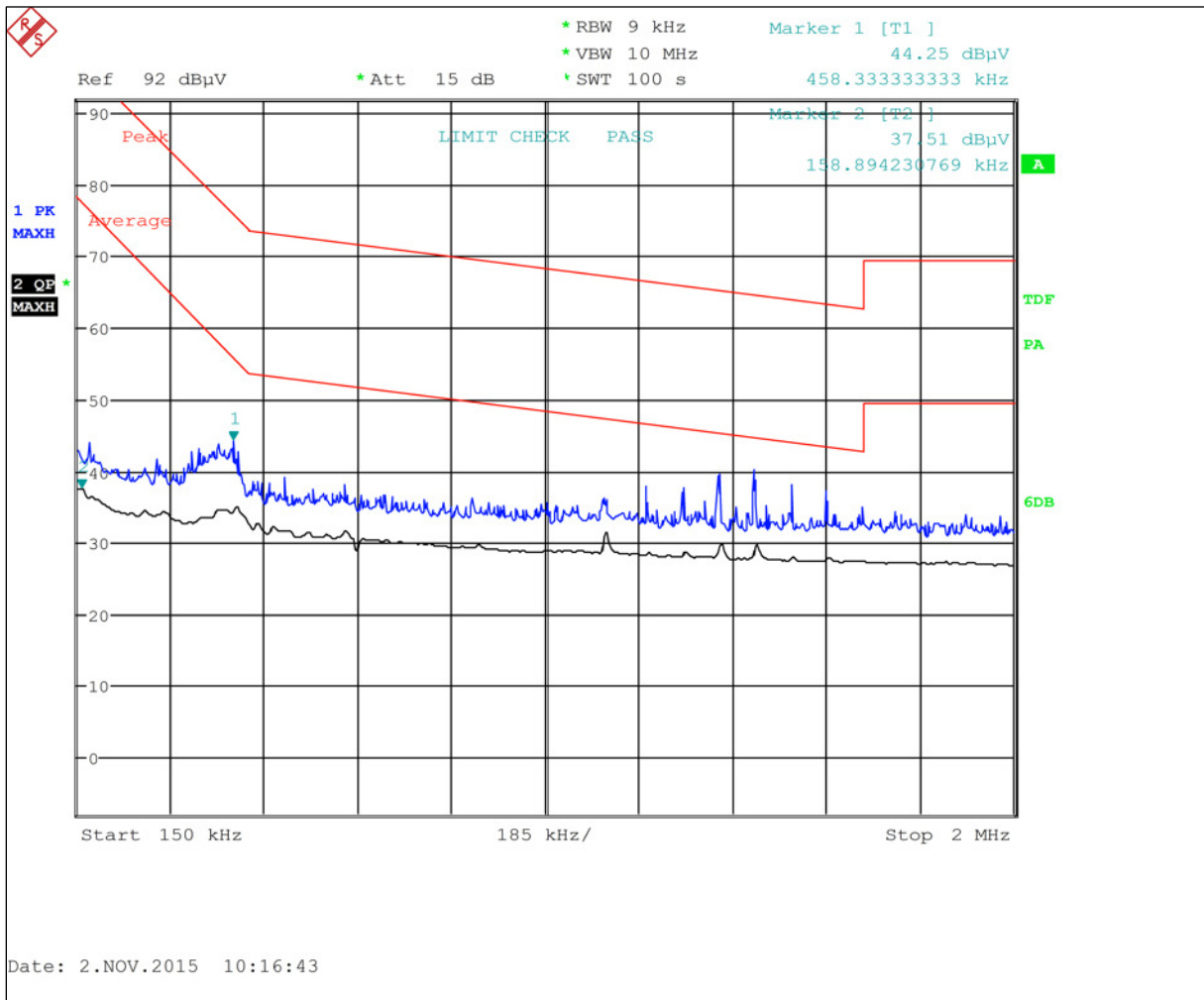
**Plot 6-463: Radiated Emissions Transmit – 9 kHz – 150 kHz Vertical Peak/Average**



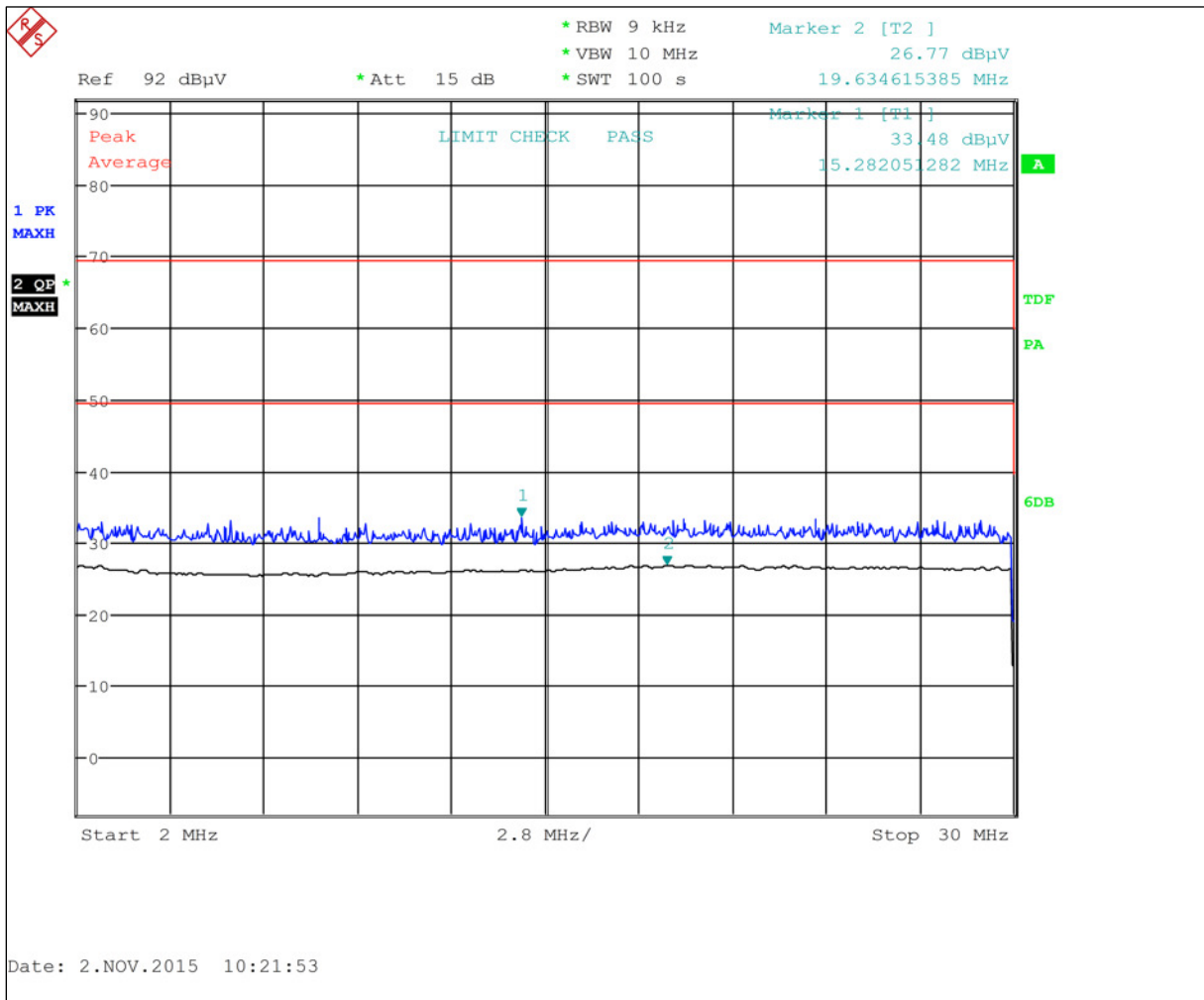
**Plot 6-464: Radiated Emissions Transmit – 150 kHz – 2 MHz Horizontal Peak/Average**



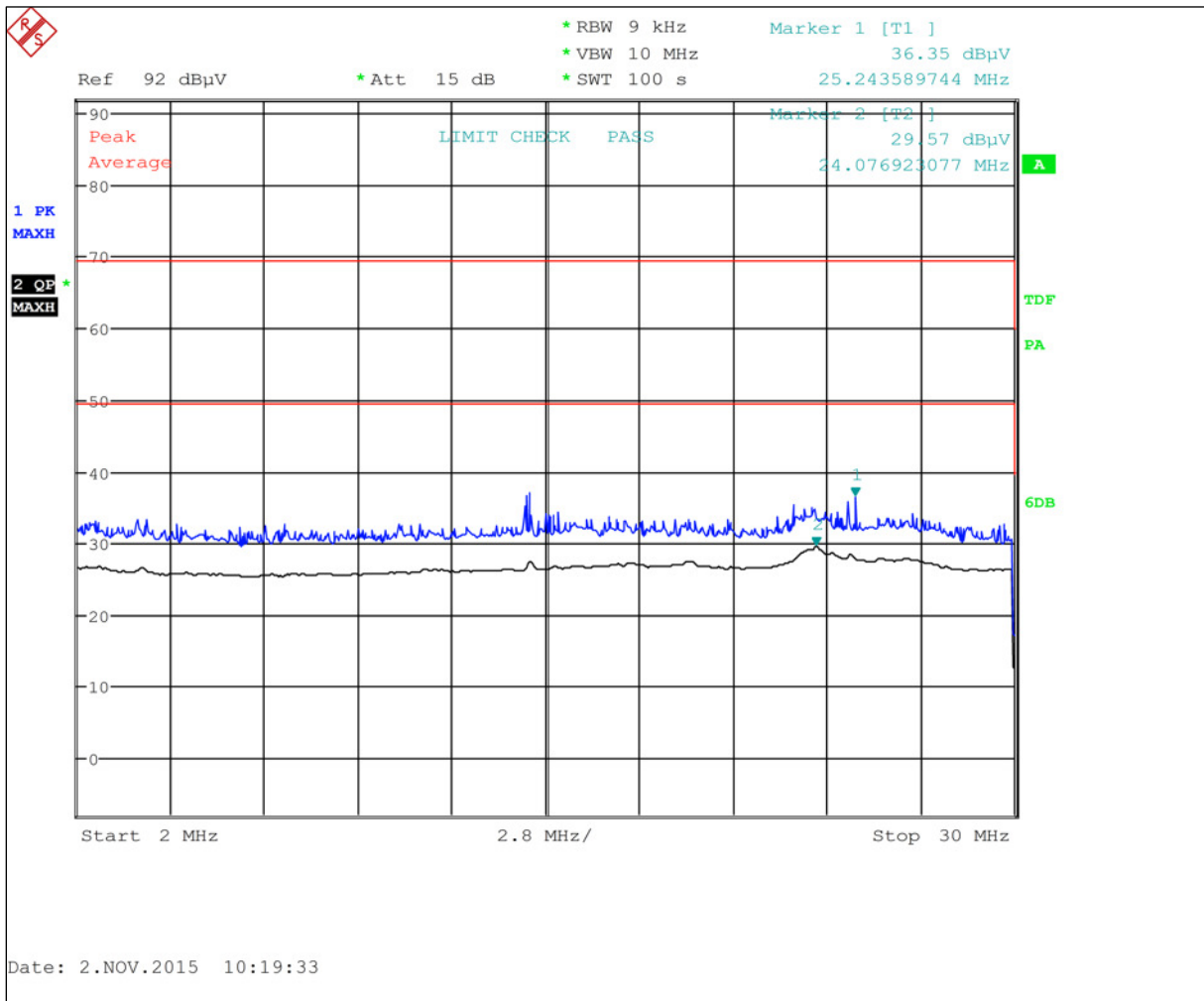
**Plot 6-465: Radiated Emissions Transmit – 150 kHz – 2 MHz Vertical Peak/Average**



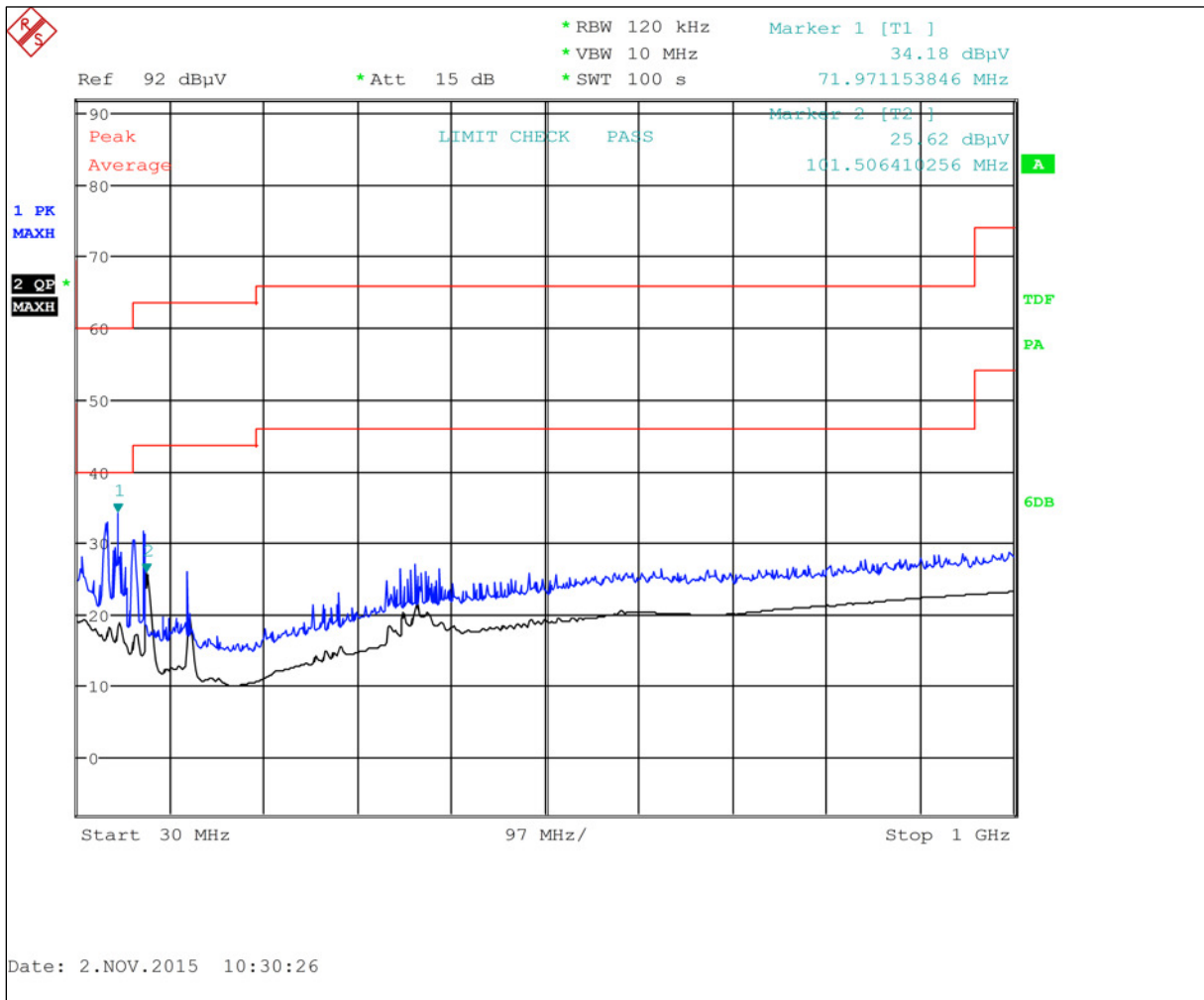
**Plot 6-466: Radiated Emissions Transmit – 2 MHz – 30 MHz Horizontal Peak/Average**



**Plot 6-467: Radiated Emissions Transmit – 2 MHz – 30 MHz Vertical Peak/Average**

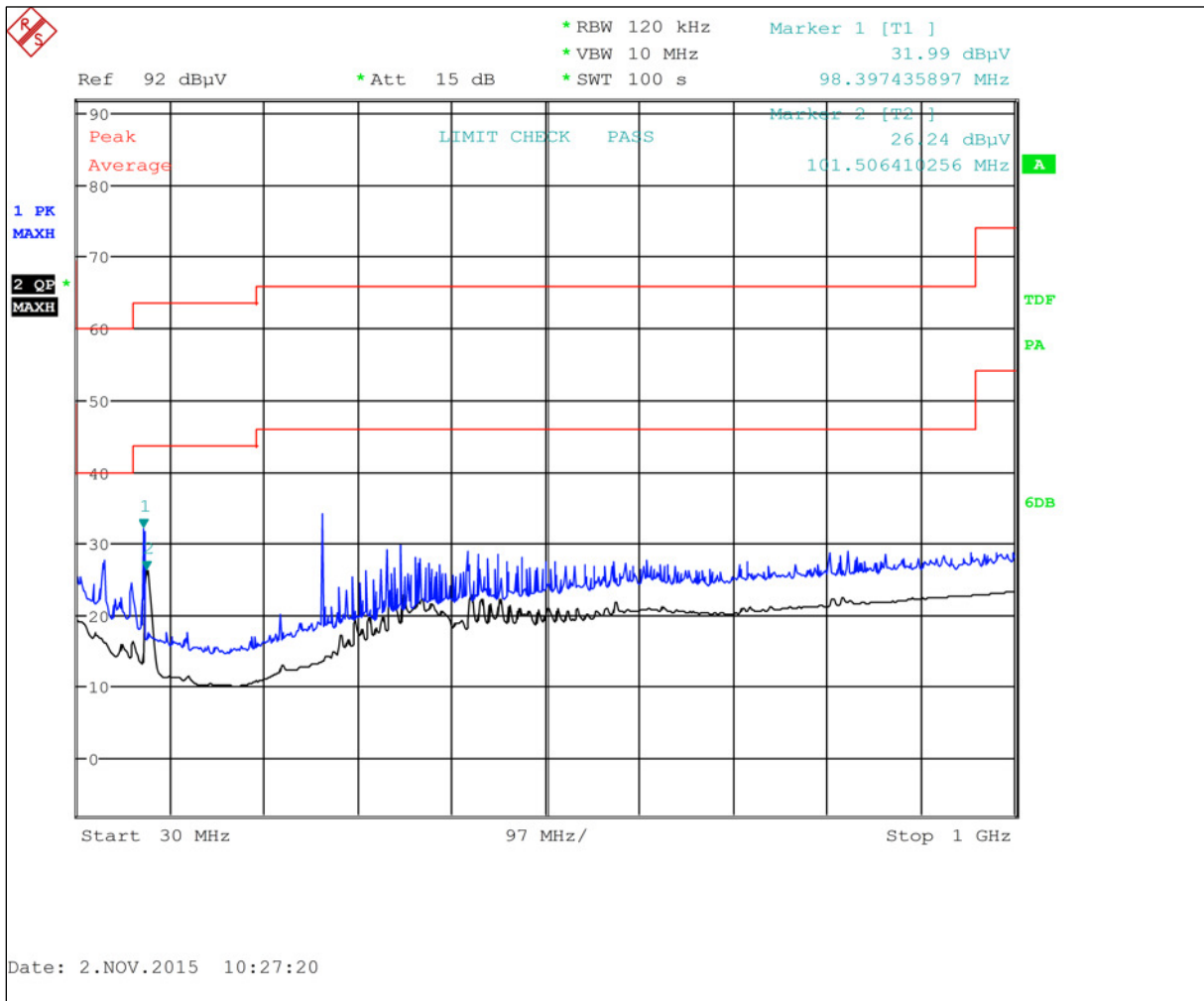


**Plot 6-468: Radiated Emissions Transmit – 30 MHz – 1 GHz Horizontal Peak/Average**





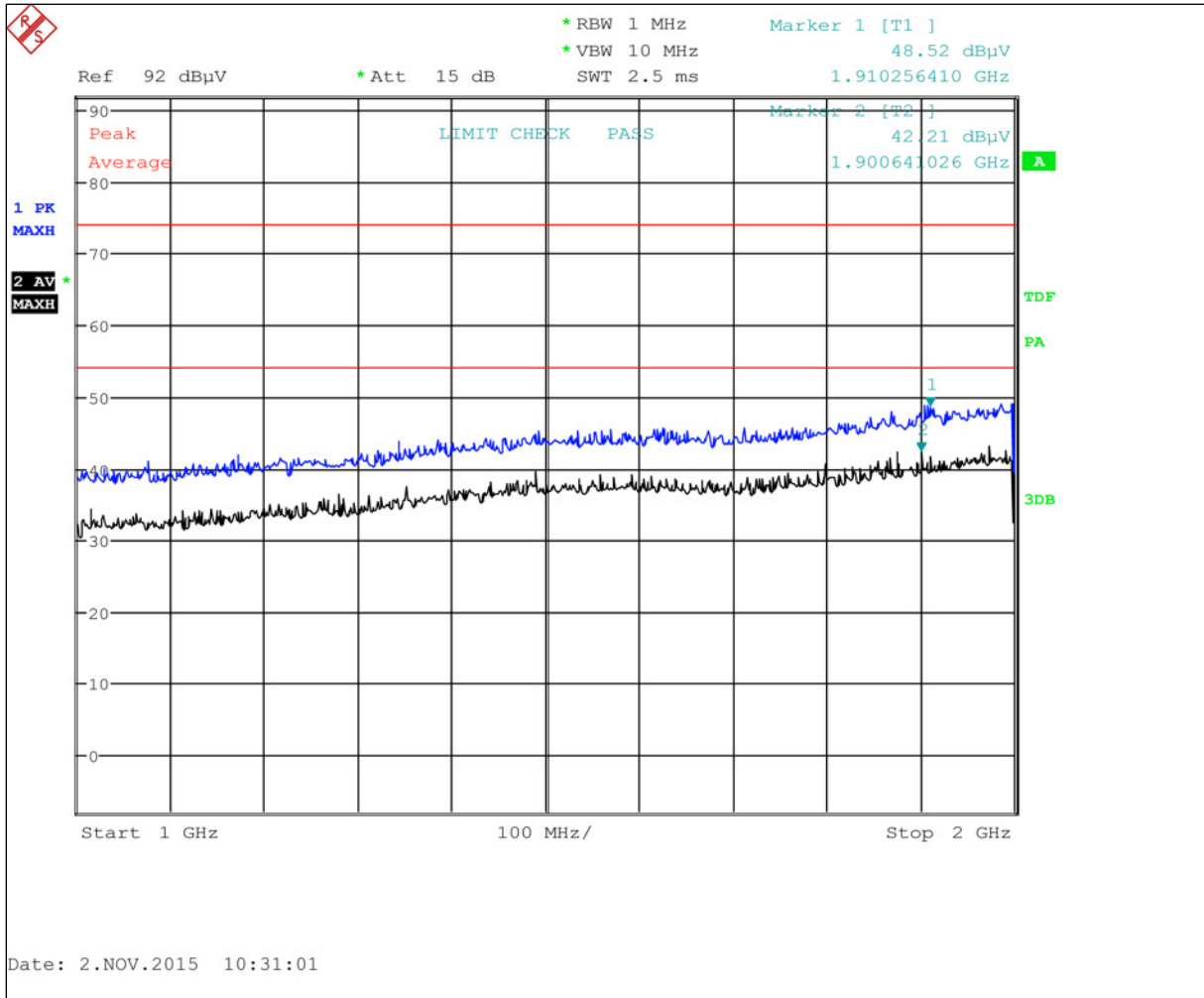
**Plot 6-469: Radiated Emissions Transmit – 30 MHz – 1 GHz Vertical Peak/Average**



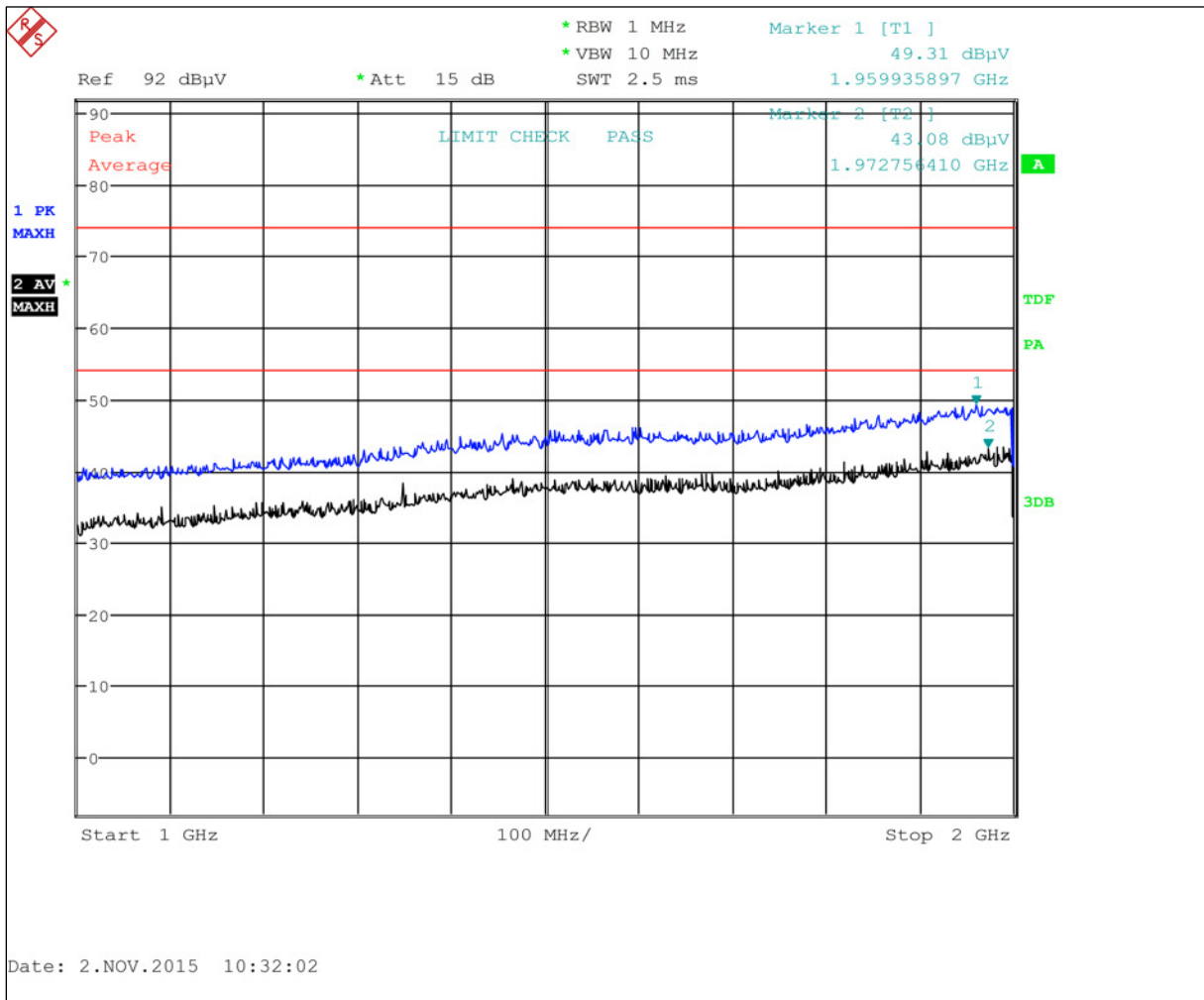
Note: Unwanted emissions were investigated as a digital device (other than harmonics) as required by 15.33(a)(3).

### 6.3.3.15 Radiated Emissions 1 GHz – 26 GHz Test Data – TC#5 Fiberglass Container

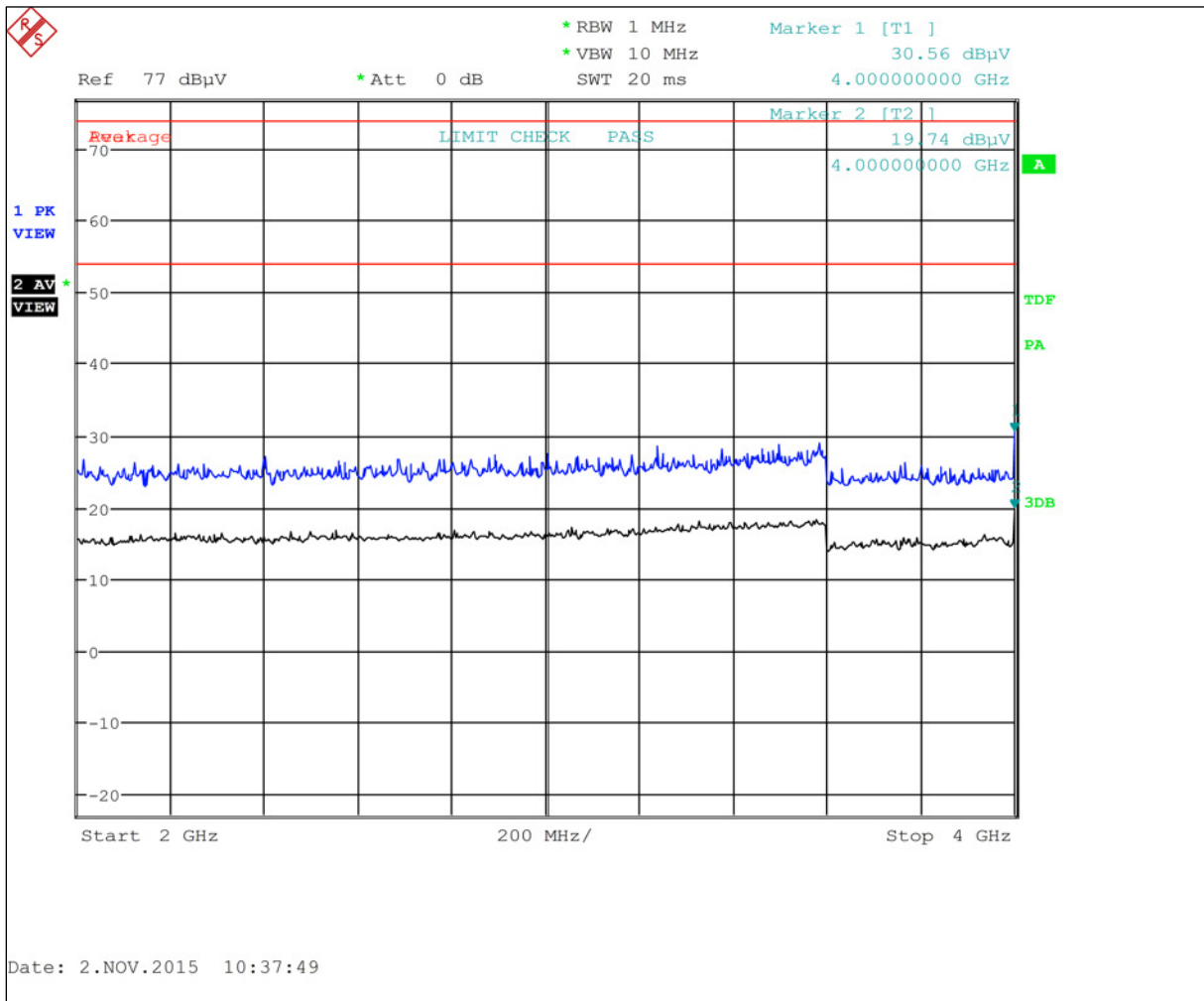
Plot 6-470: Radiated Emissions 1 GHz – 2 GHz Horizontal Peak/Average



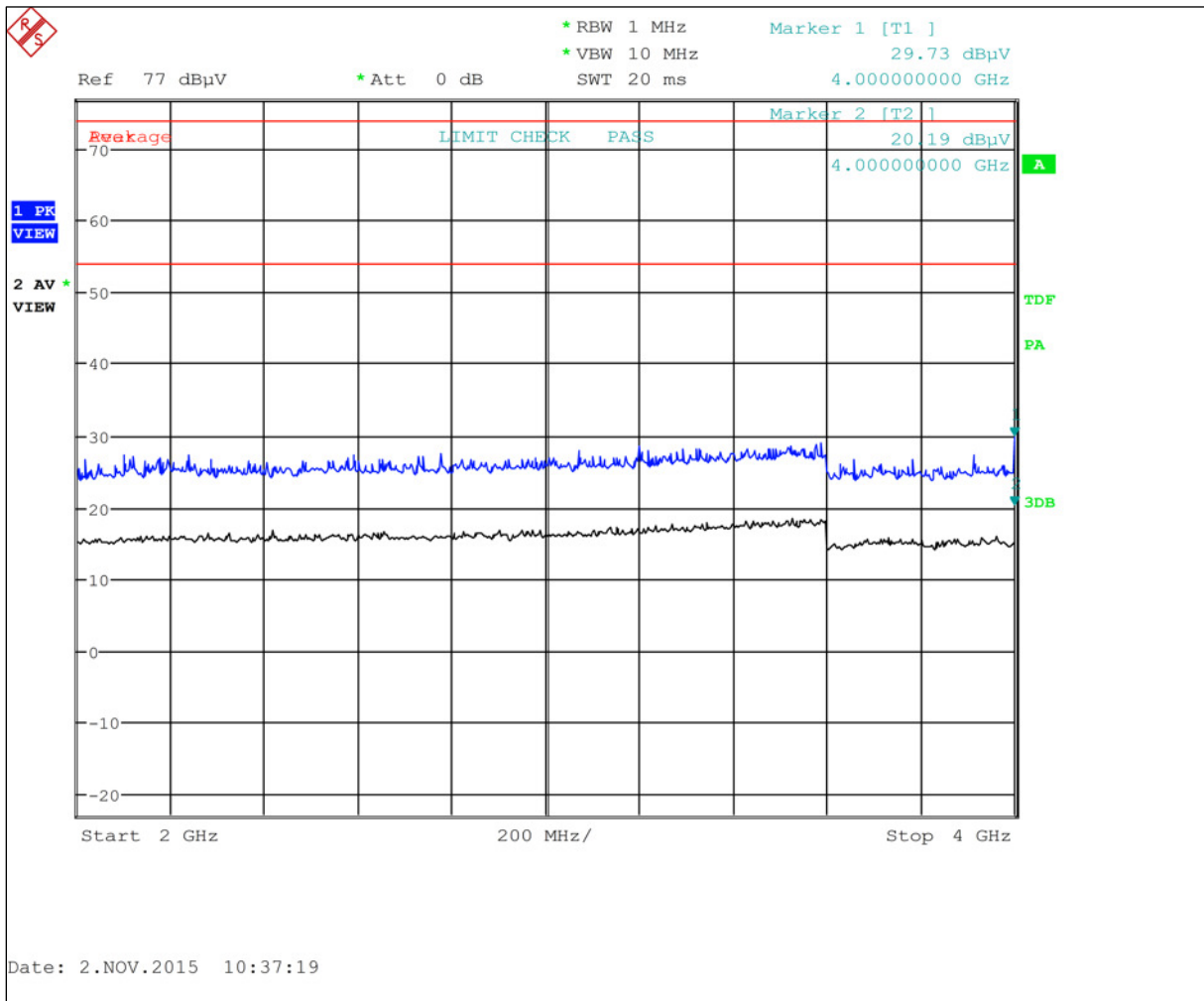
### Plot 6-471: Radiated Emissions 1 GHz – 2 GHz Vertical Peak/Average



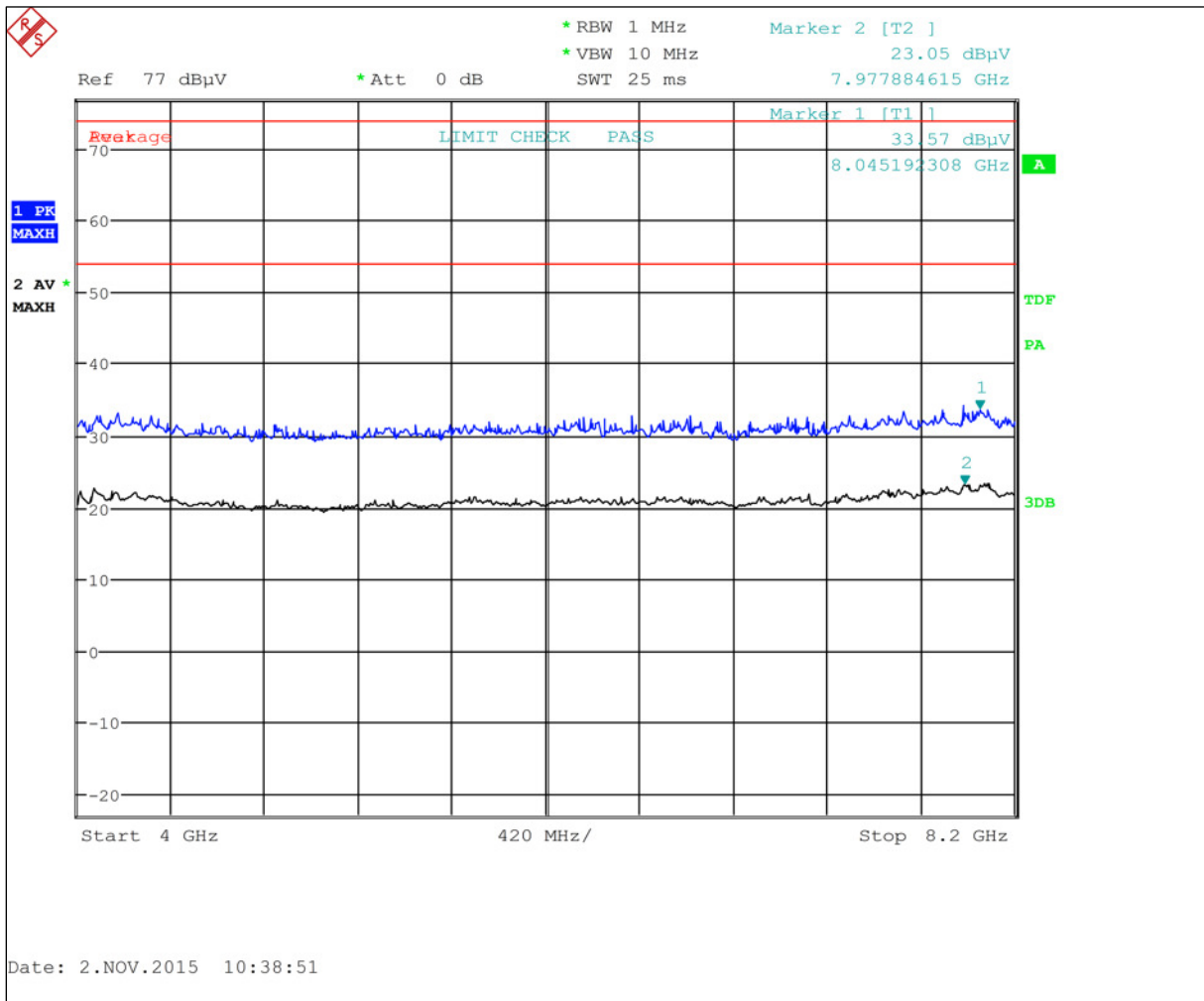
### Plot 6-472: Radiated Emissions 2 GHz – 4 GHz Horizontal Peak/Average



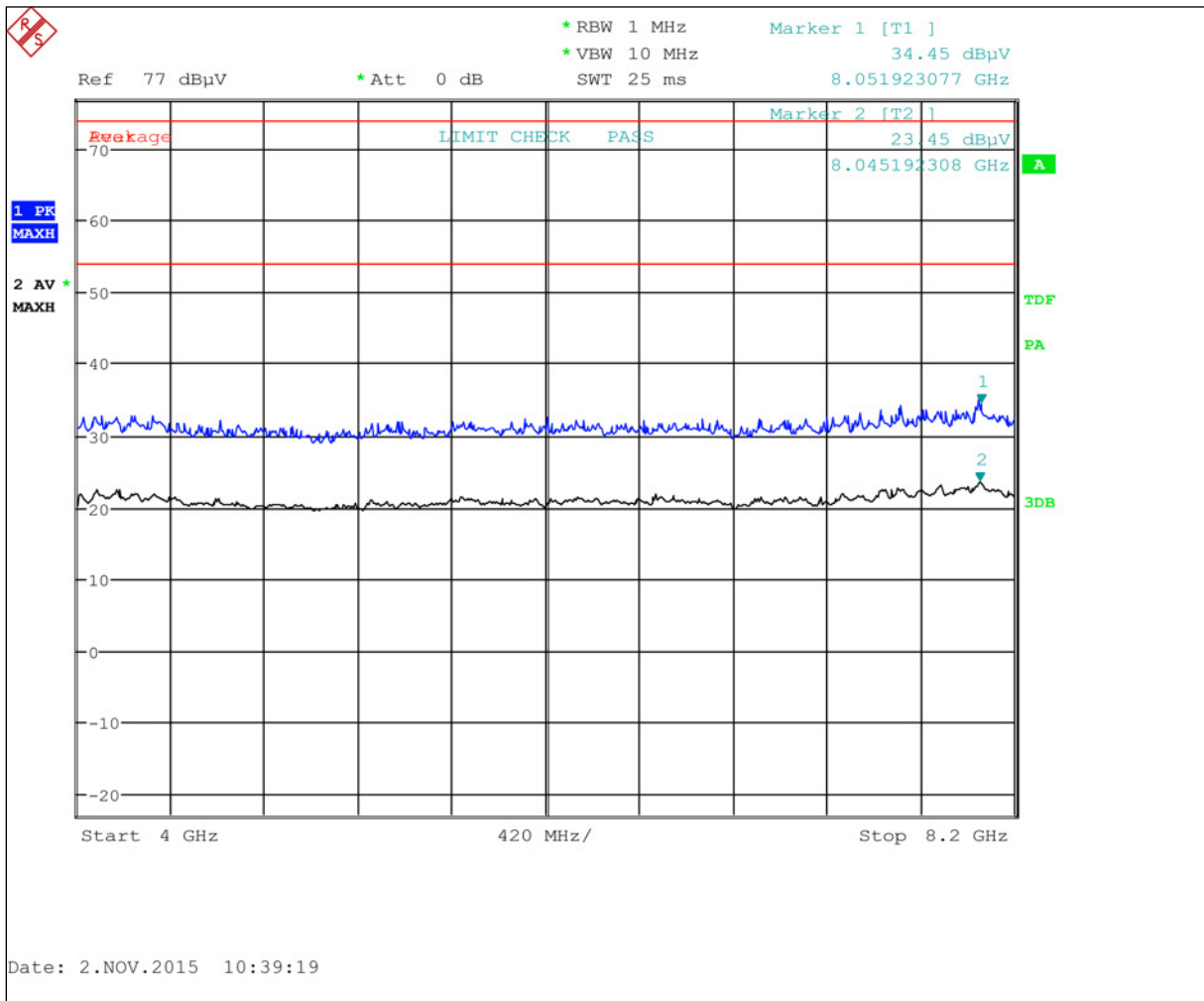
### Plot 6-473: Radiated Emissions 2 GHz – 4 GHz Vertical Peak/Average



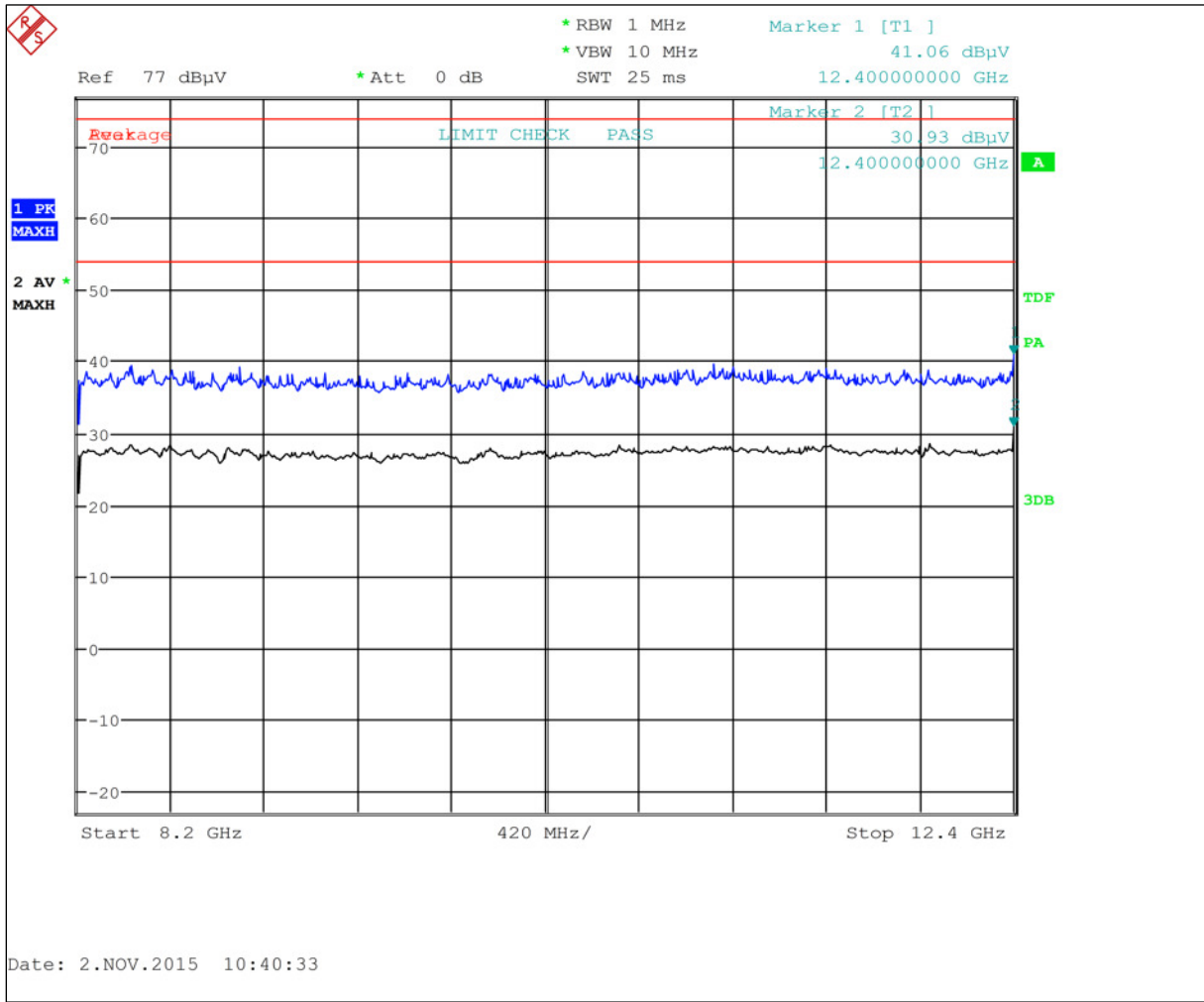
**Plot 6-474: Radiated Emissions 4 GHz – 8 GHz Horizontal Peak/Average**



### Plot 6-475: Radiated Emissions 4 GHz – 8 GHz Vertical Peak/Average

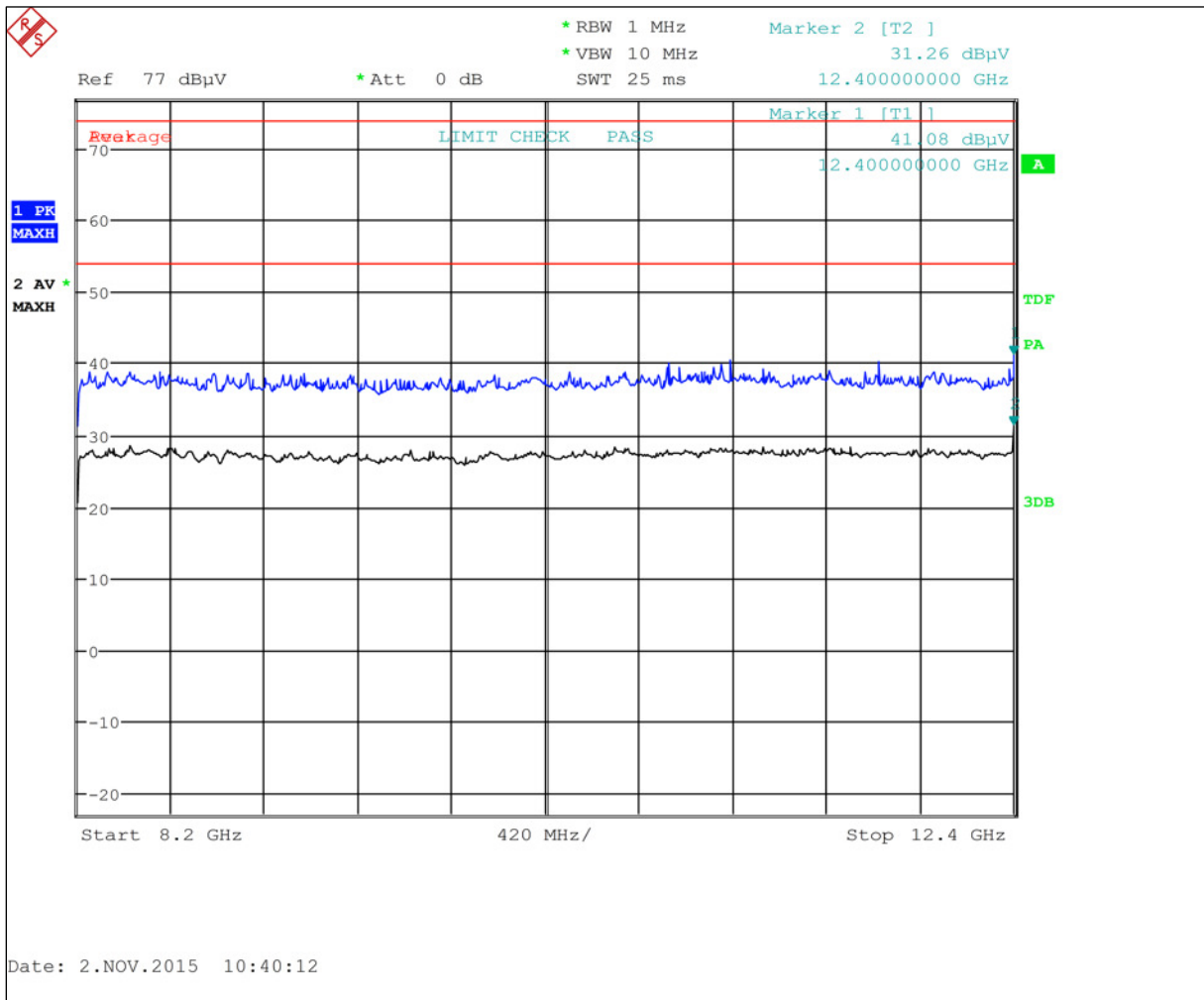


**Plot 6-476: Radiated Emissions 8 GHz – 12 GHz Horizontal Peak/Average**

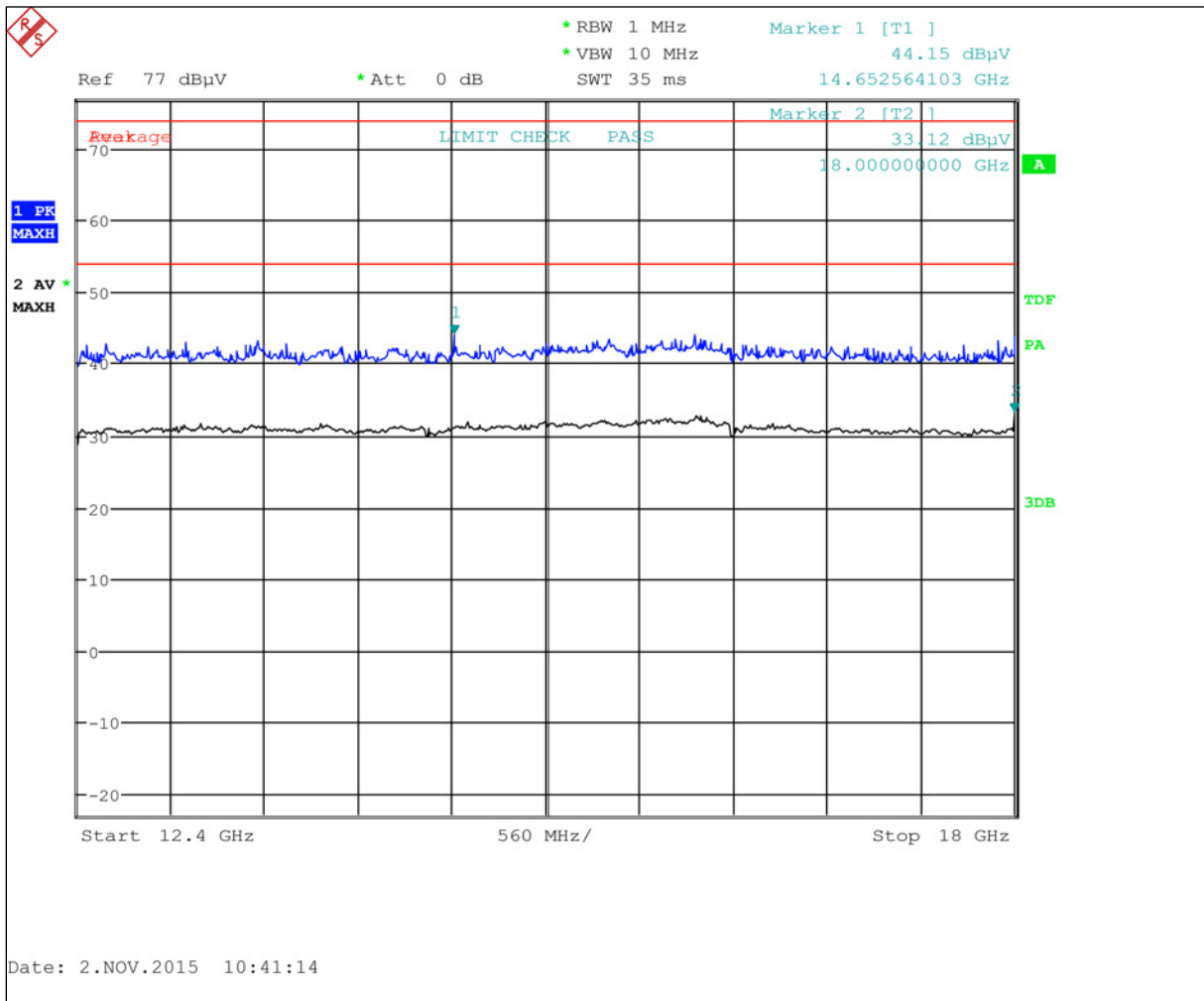




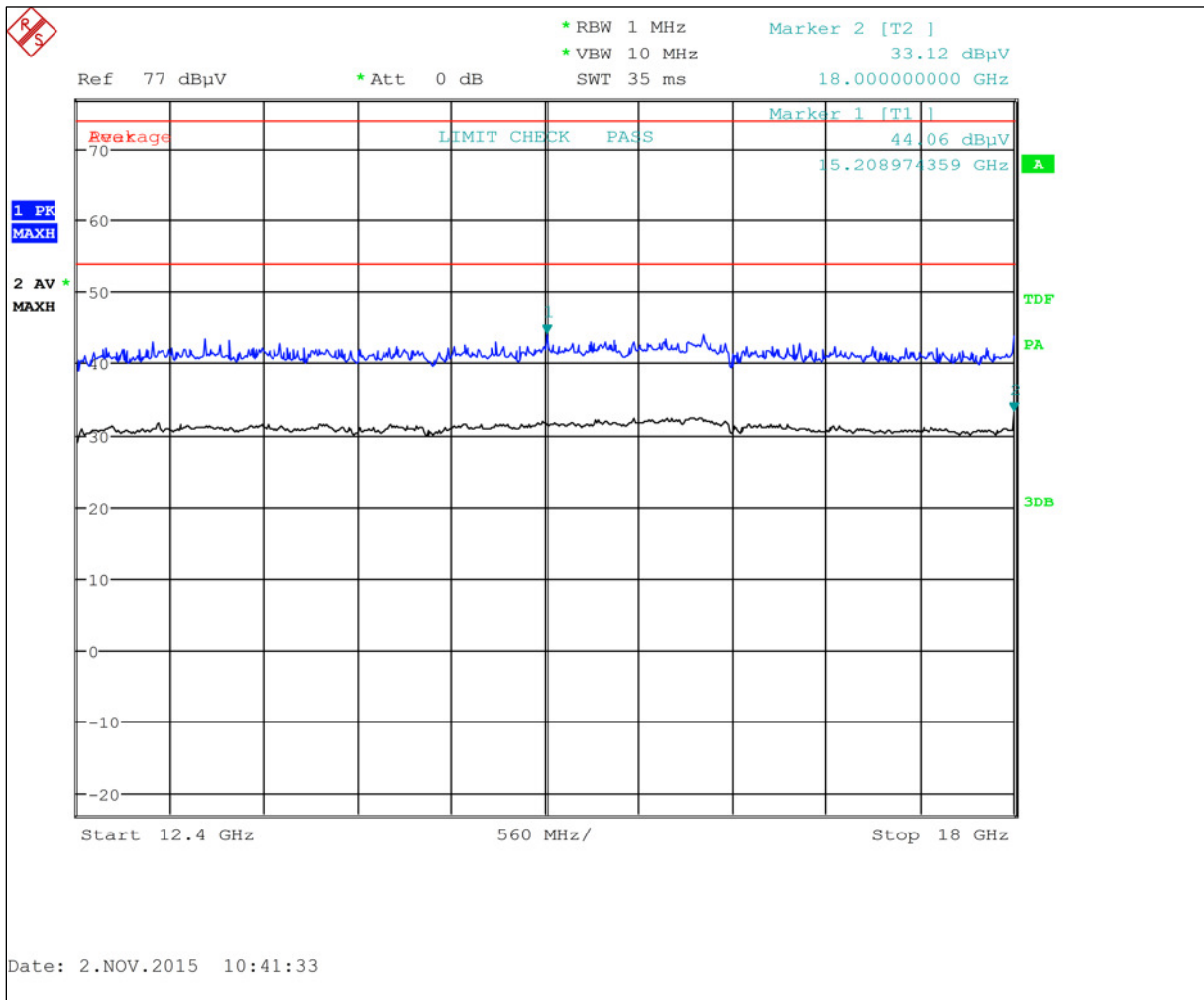
**Plot 6-477: Radiated Emissions 8 GHz – 12 GHz Vertical Peak/Average**



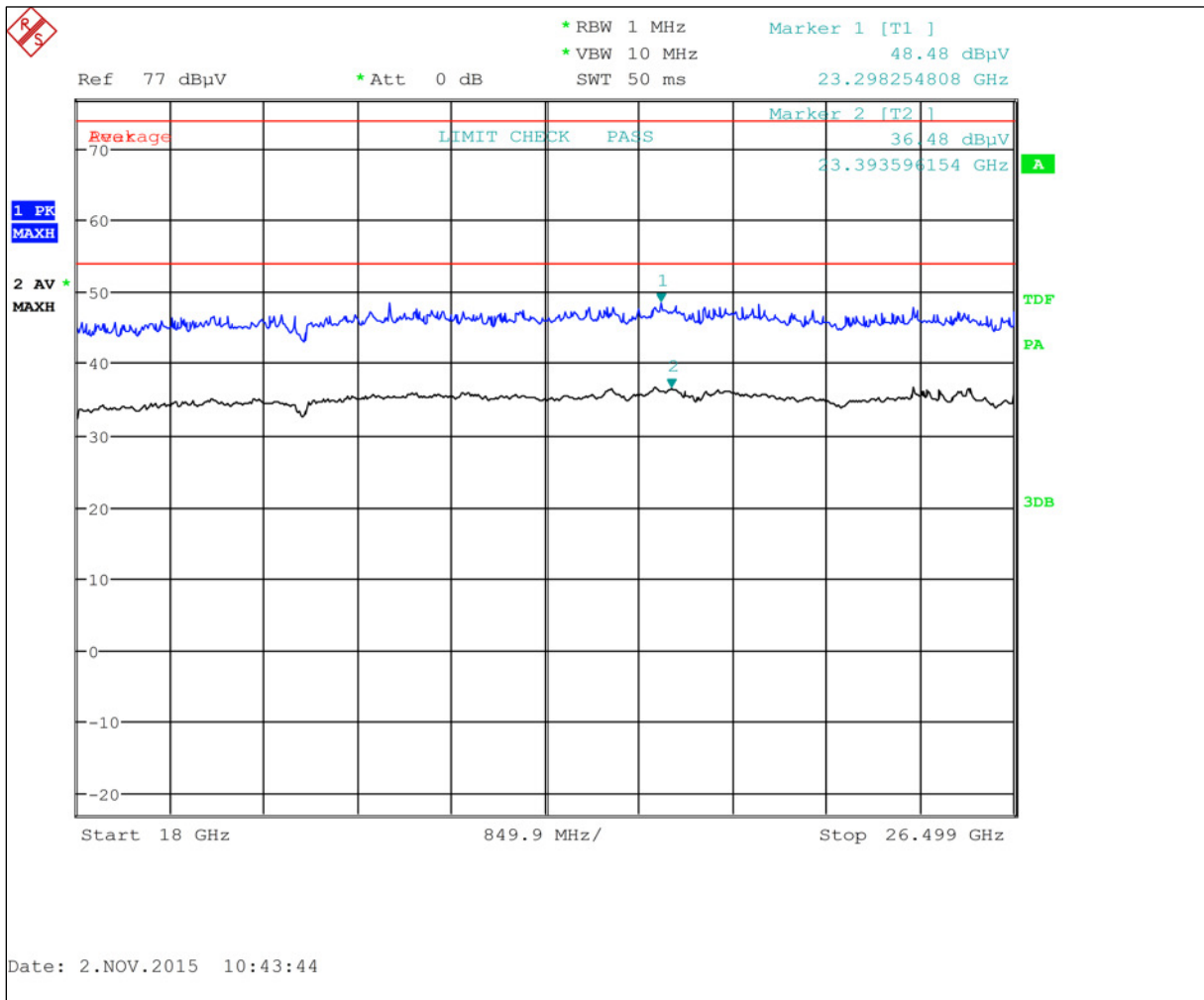
**Plot 6-478: Radiated Emissions 12 GHz – 18 GHz Horizontal Peak/Average**



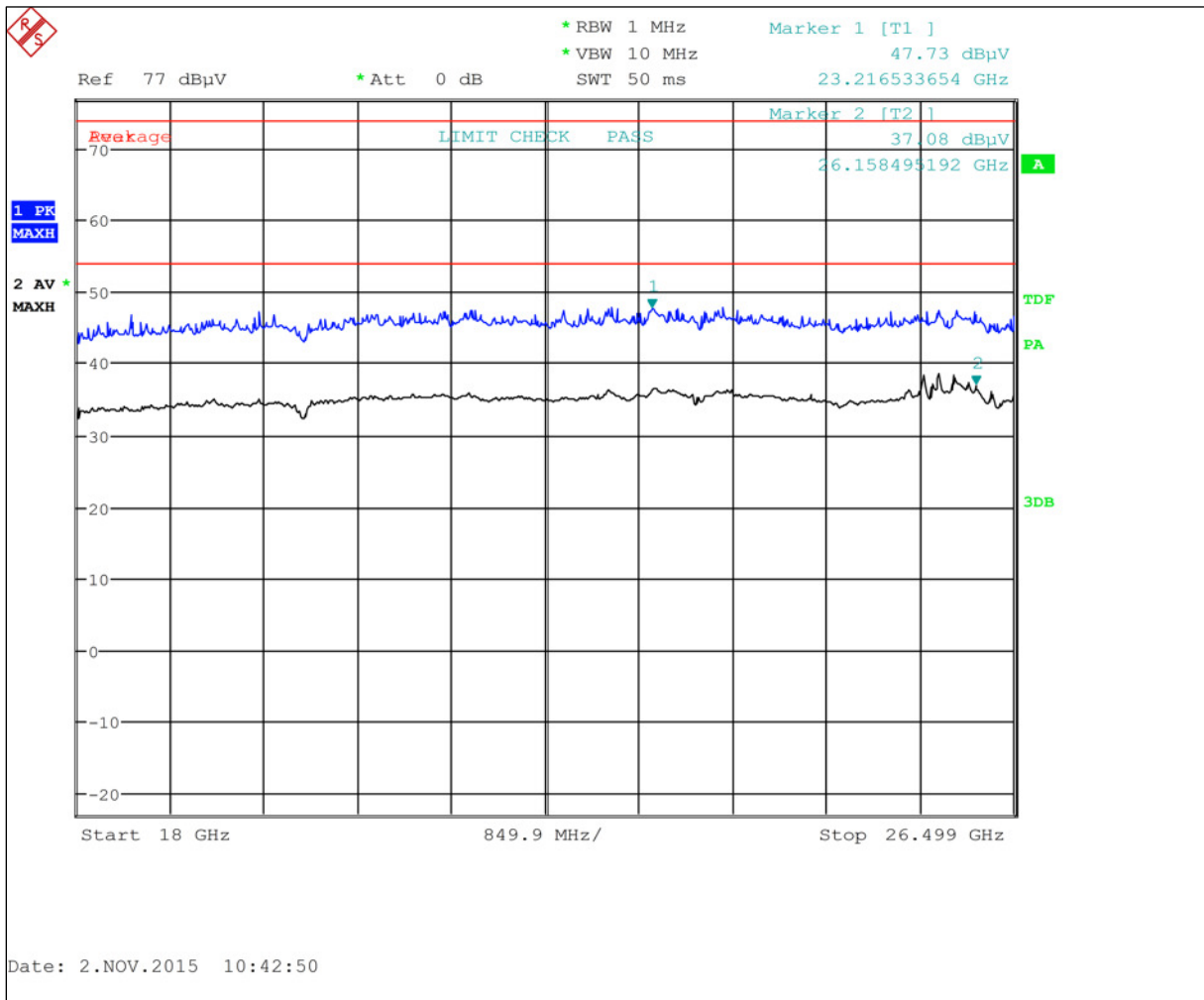
**Plot 6-479: Radiated Emissions 12 GHz – 18 GHz Vertical Peak/Average**



### Plot 6-480: Radiated Emissions 18 GHz – 26 GHz Horizontal Peak/Average

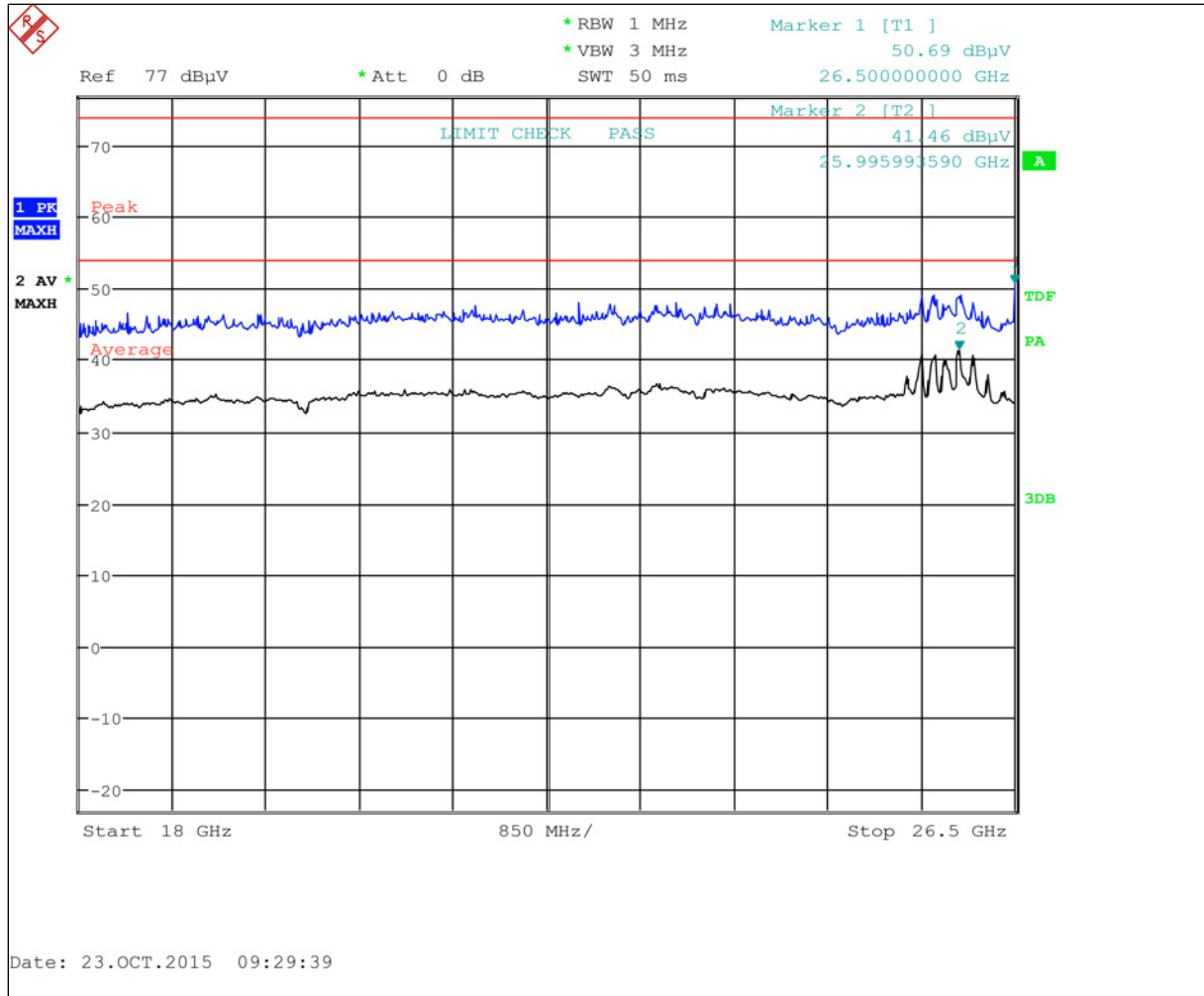


**Plot 6-481: Radiated Emissions 18 GHz – 26 GHz Vertical Peak/Average**



### 6.3.3.16 Radiated Emissions Carrier Test Data - TC#6 Fiberglass Container

**Plot 6-482: Radiated Emissions of Carrier - TC #6 Fiberglass Container**

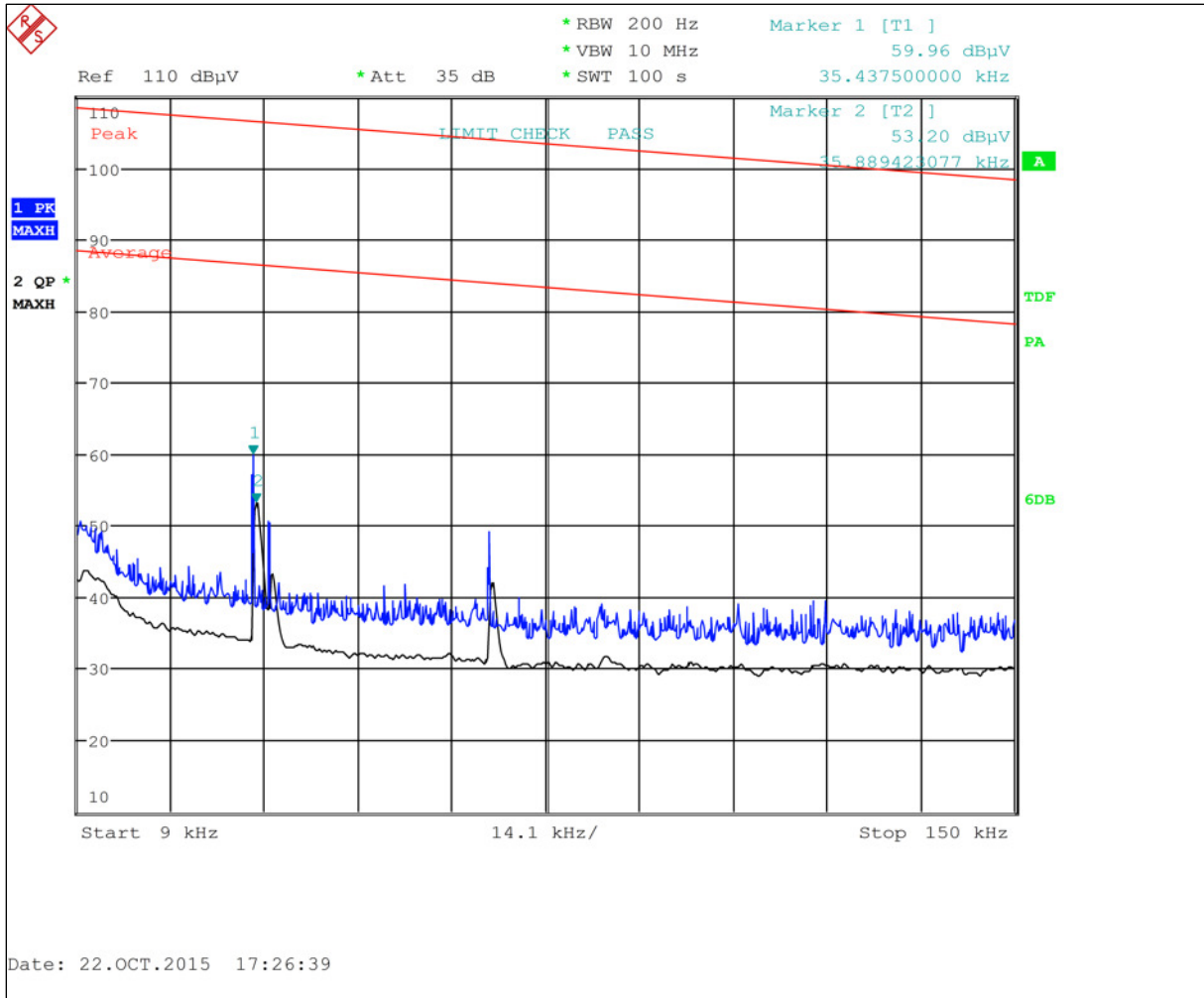


**Table 6-24: Radiated Emissions of Carrier – TC #6 Fiberglass Container**

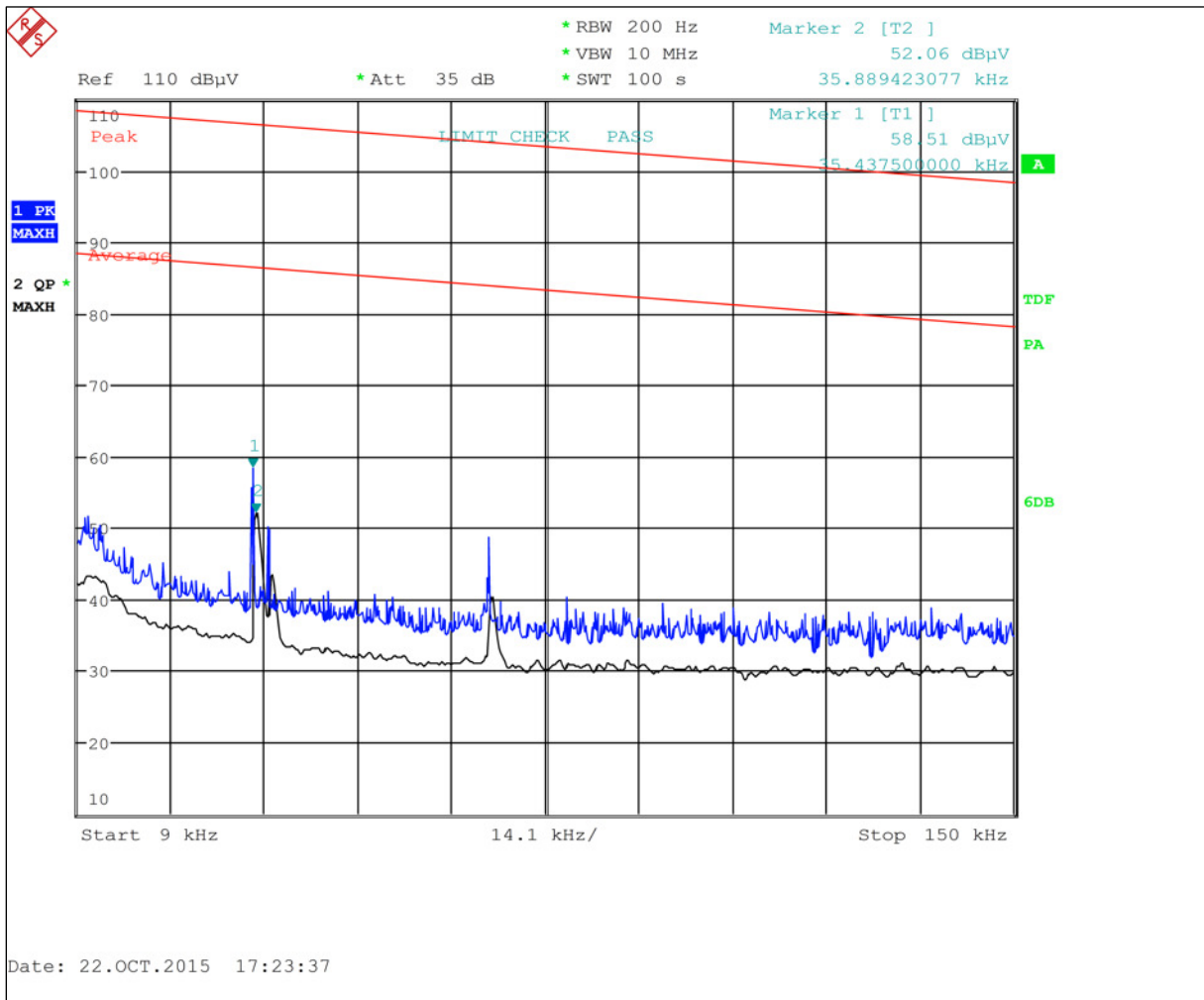
Frequency (GHz)	Detector	Test Antenna Pol	Corrected Spectrum Analyzer Level (dBuV/m)	FCC Limit (dBuV)	Margin (dB)	Corrected Spectrum Analyzer Level (dBm/MHz)	IC Limit (dBm/MHz)	Margin (dBm)
26.0000	Peak	V	50.7	74.0	-23.3	NA		
25.9959	Average	V	41.5	54.0	-12.5	-53.7	-41.3	12.4

### 6.3.3.17 Radiated Emissions Below 1 GHz Test Data – TC#6 Fiberglass Container

**Plot 6-483: Radiated Emissions Transmit – 9 kHz – 150 kHz Horizontal Peak/Average**

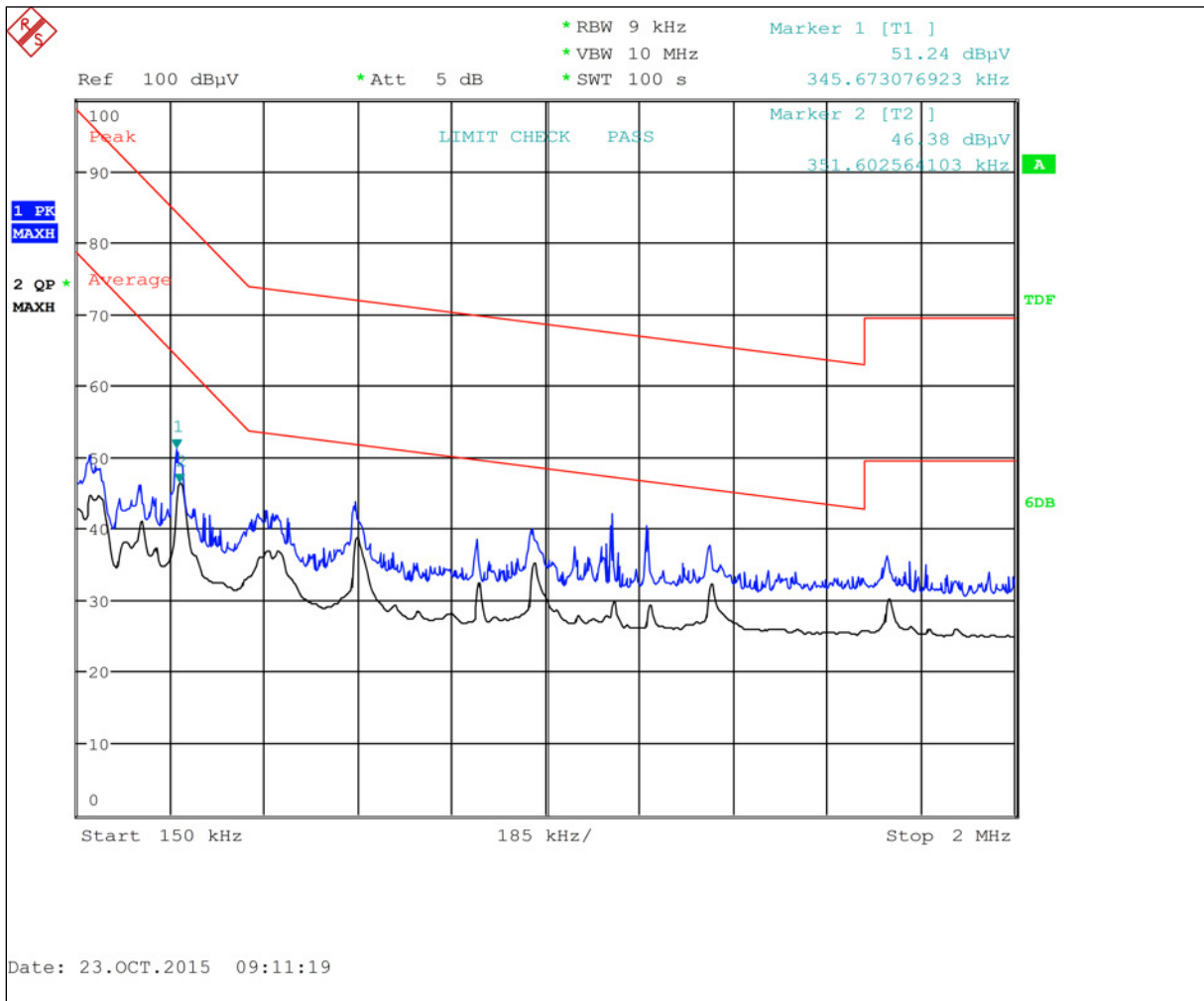


**Plot 6-484: Radiated Emissions Transmit – 9 kHz – 150 kHz Vertical Peak/Average**

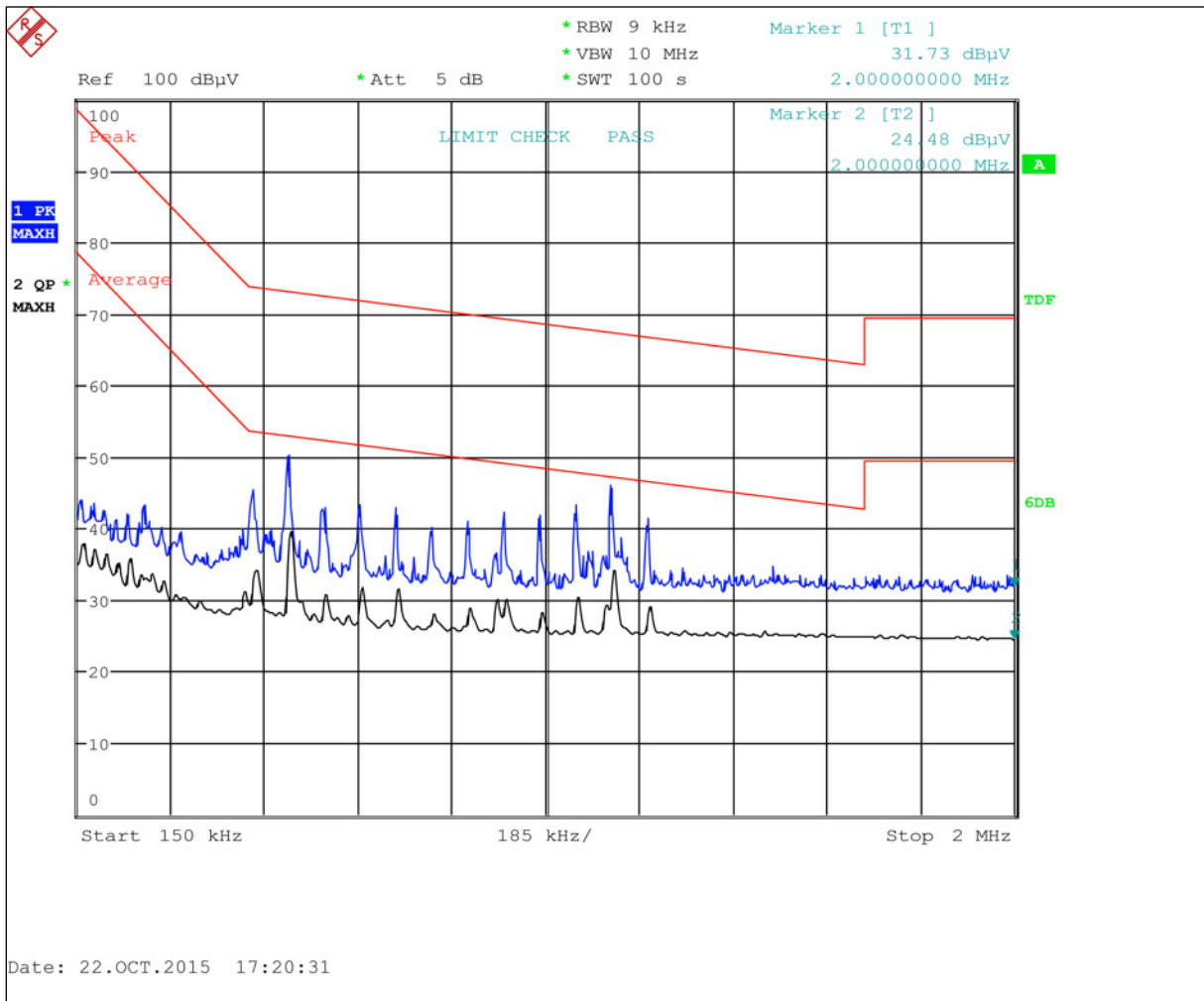




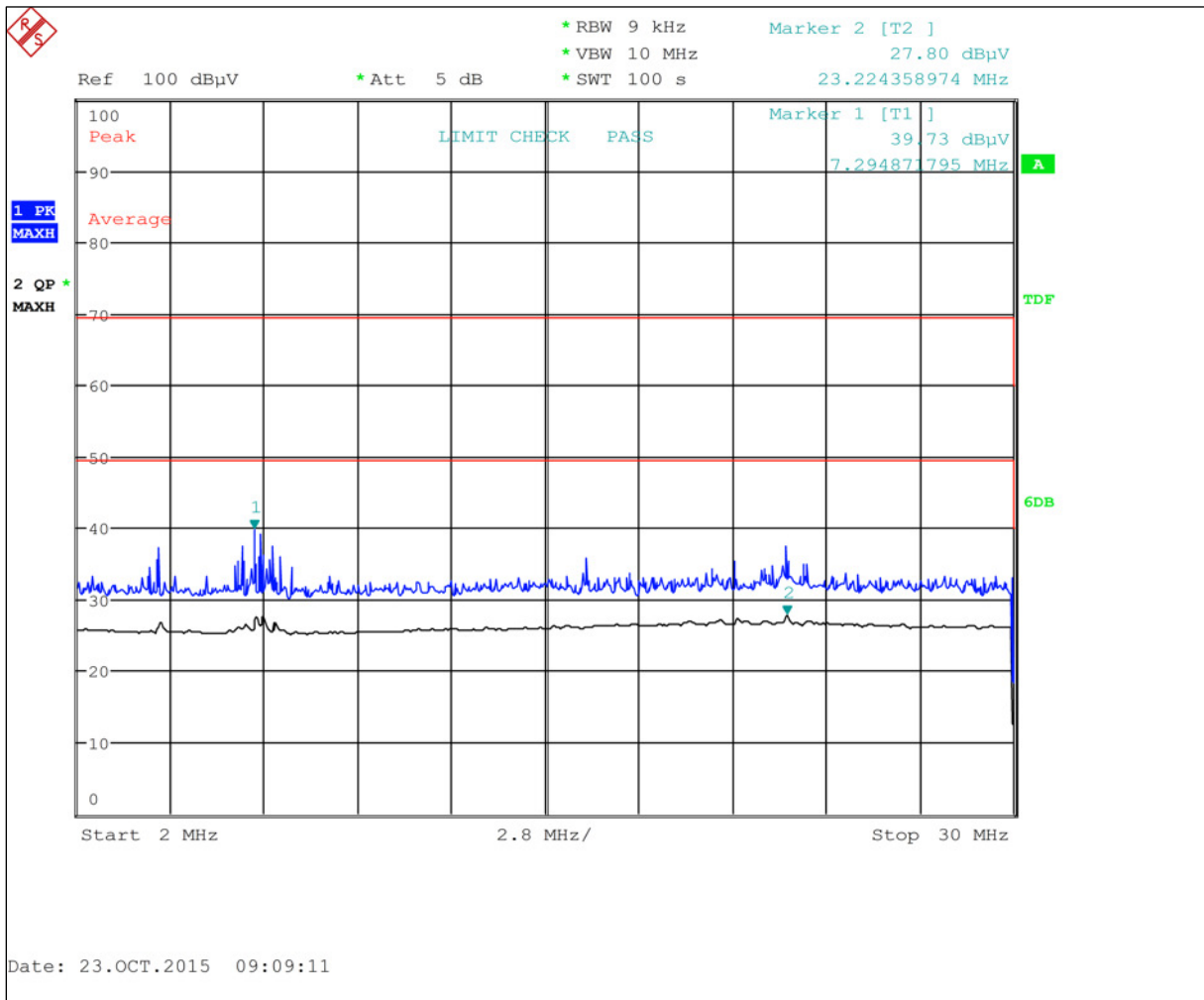
**Plot 6-485: Radiated Emissions Transmit – 150 kHz – 2 MHz Horizontal Peak/Average**



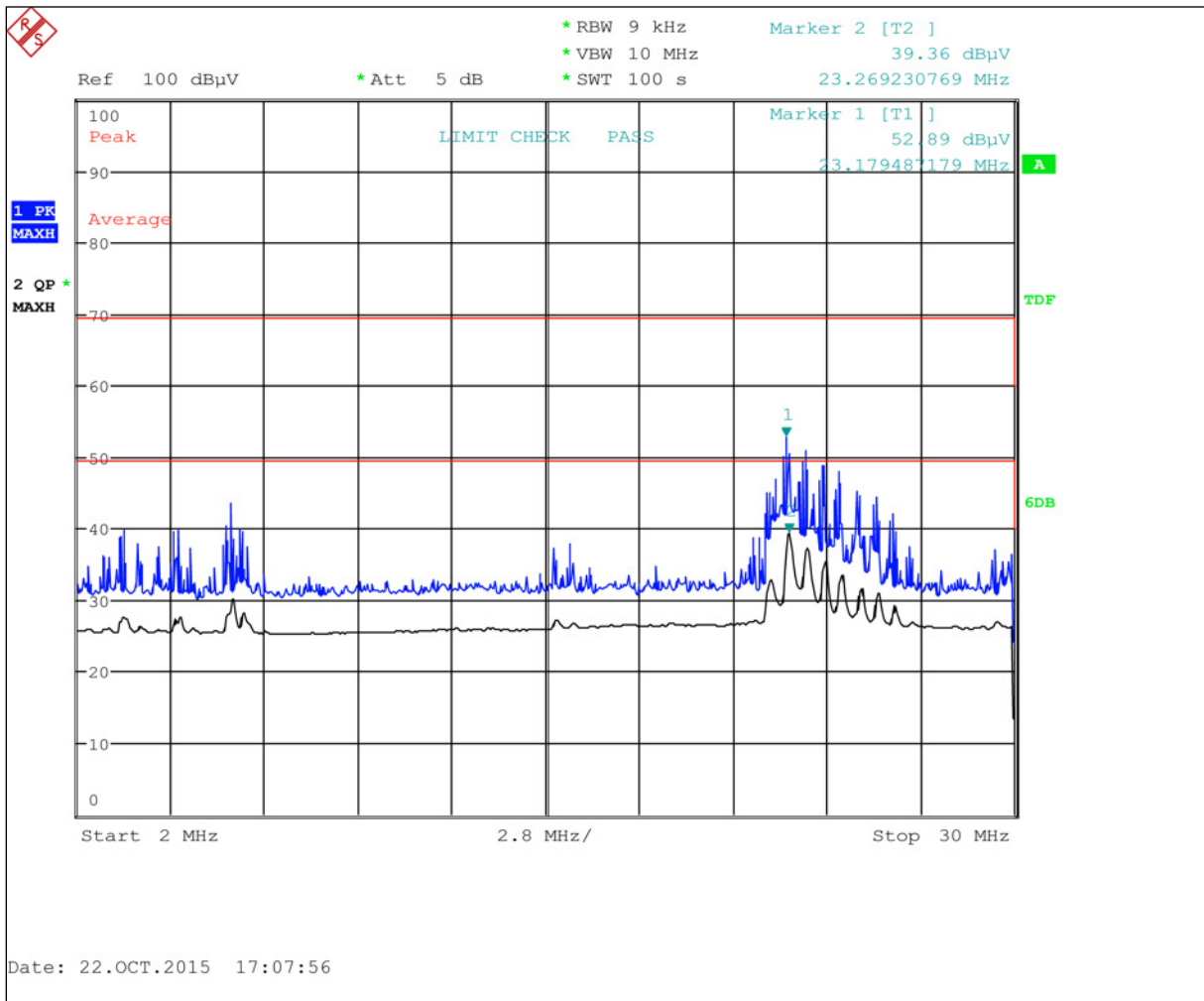
**Plot 6-486: Radiated Emissions Transmit – 150 kHz – 2 MHz Vertical Peak/Average**



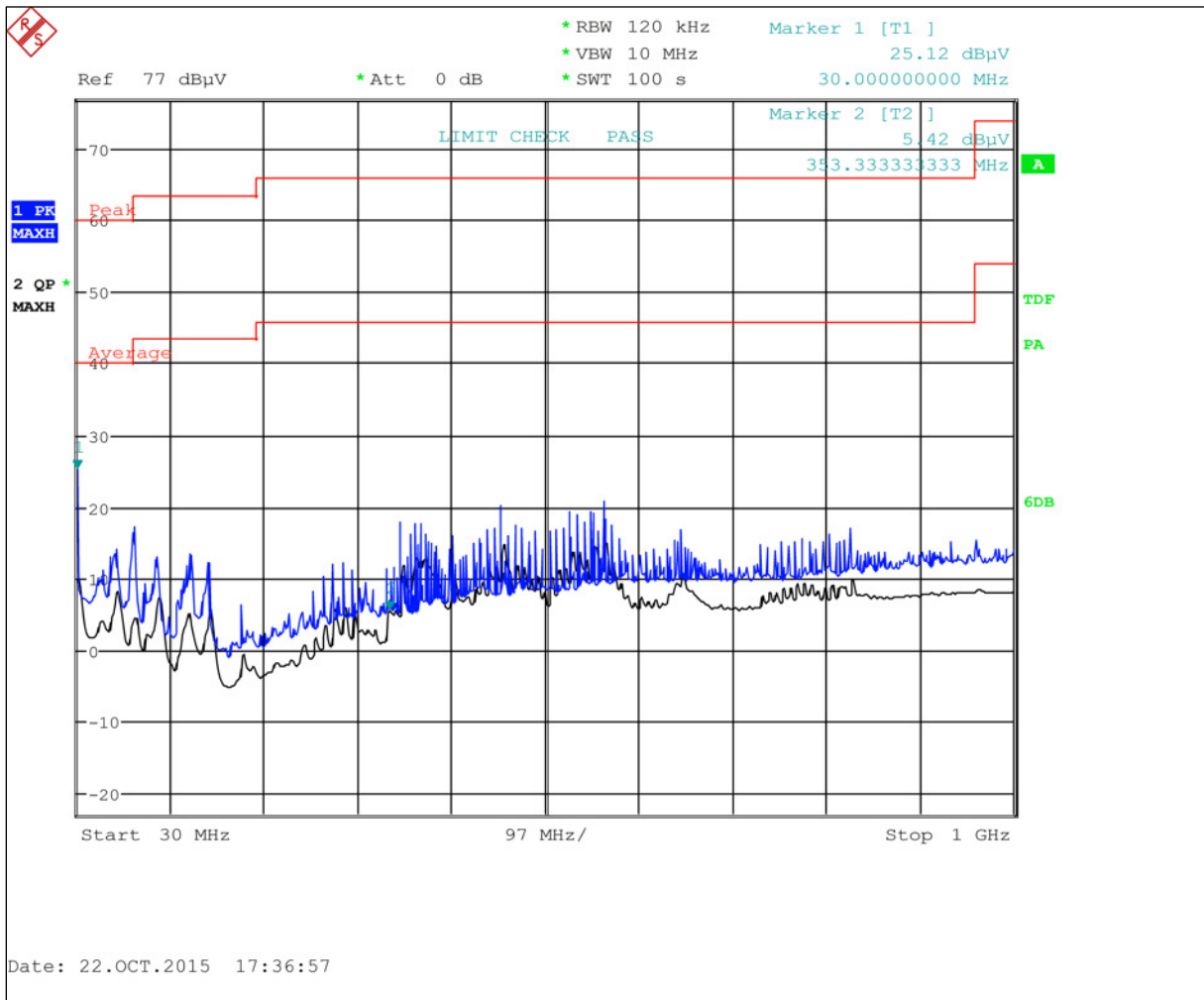
**Plot 6-487: Radiated Emissions Transmit – 2 MHz – 30 MHz Horizontal Peak/Average**



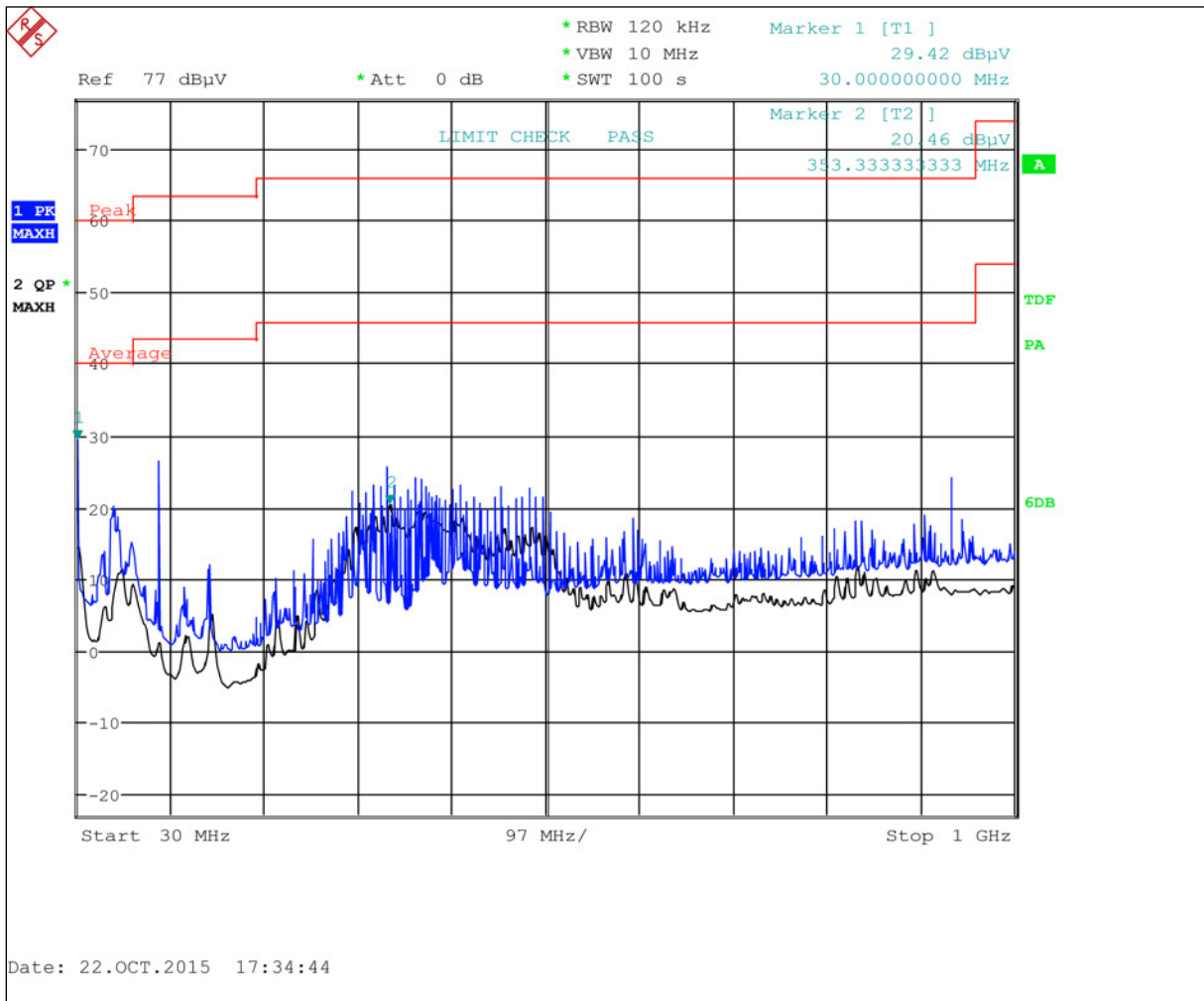
**Plot 6-488: Radiated Emissions Transmit – 2 MHz – 30 MHz Vertical Peak/Average**



**Plot 6-489: Radiated Emissions Transmit – 30 MHz – 1 GHz Horizontal Peak/Average**



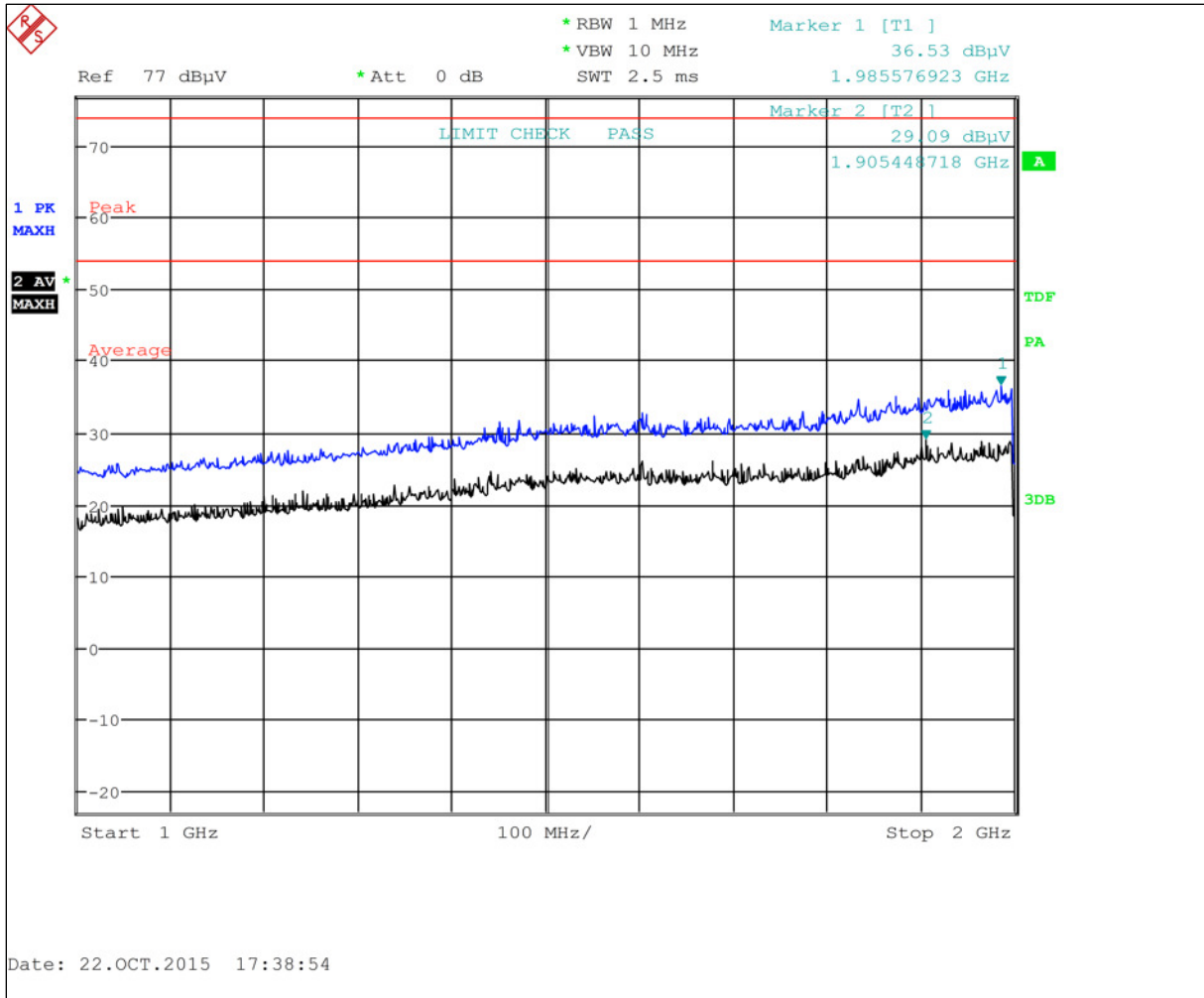
**Plot 6-490: Radiated Emissions Transmit – 30 MHz – 1 GHz Vertical Peak/Average**



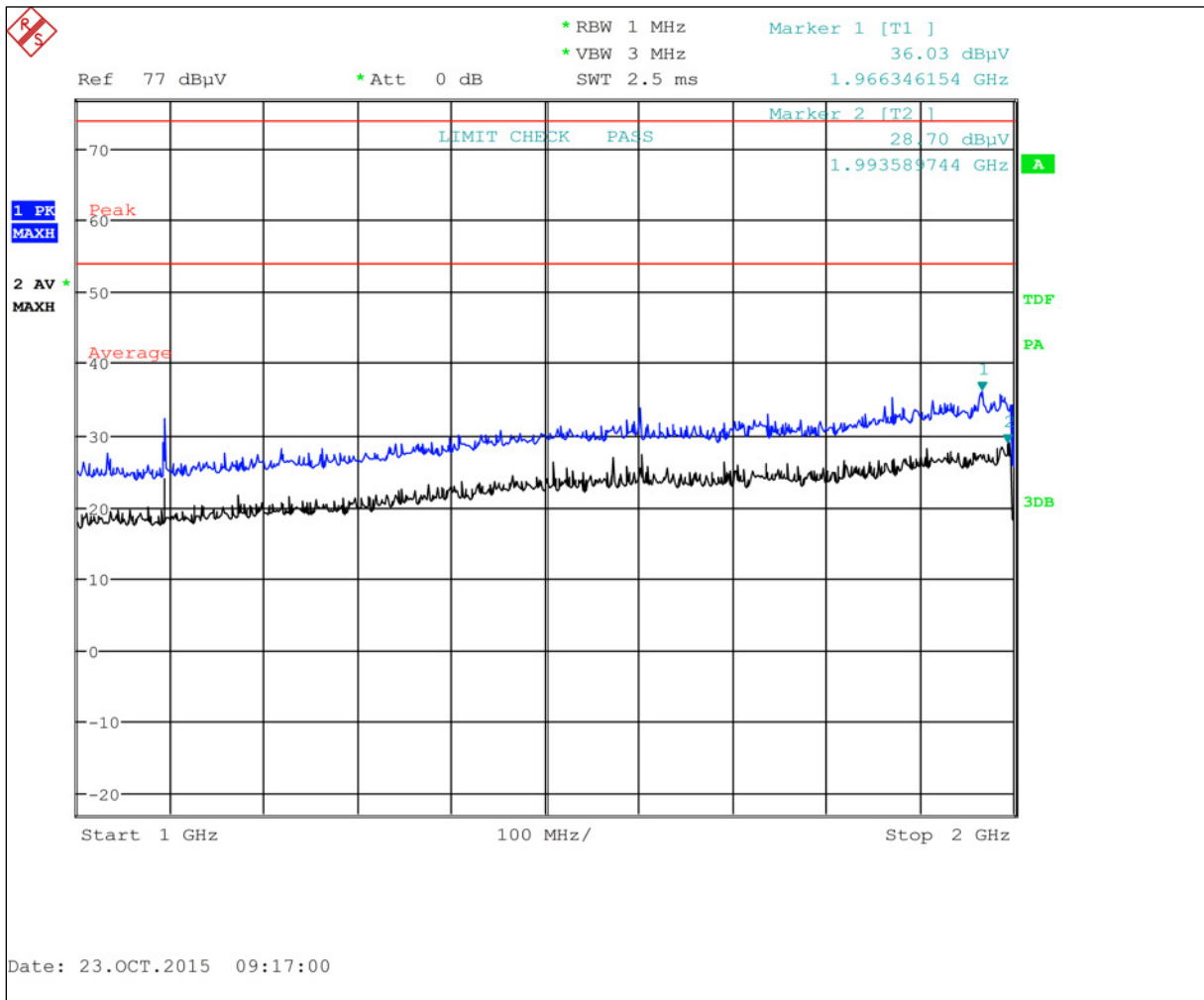
Note: Unwanted emissions were investigated as a digital device (other than harmonics) as required by 15.33(a)(3).

### 6.3.3.18 Radiated Emissions 1 GHz – 26 GHz Test Data – TC#6 Fiberglass Container

Plot 6-491: Radiated Emissions 1 GHz – 2 GHz Horizontal Peak/Average

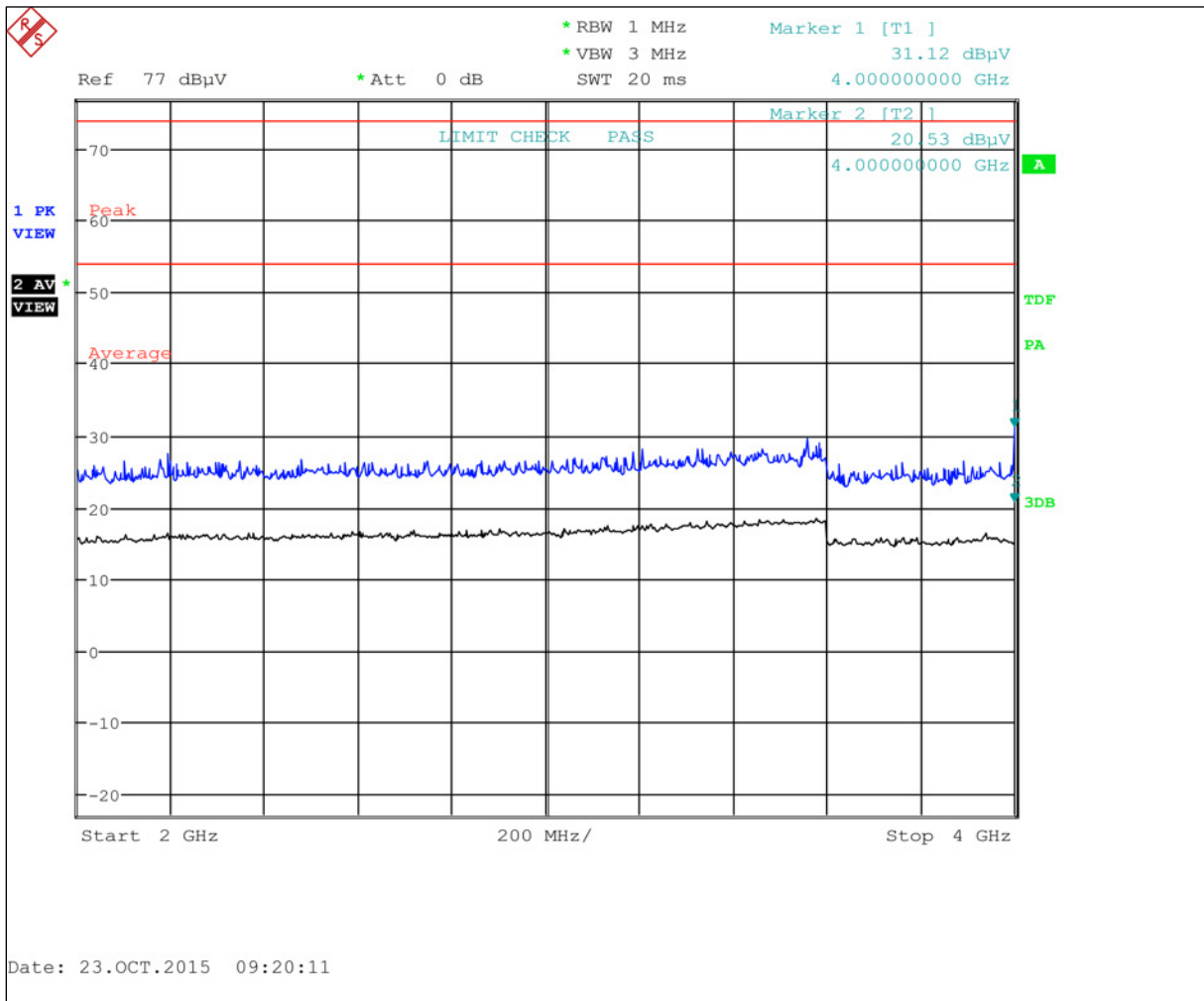


**Plot 6-492: Radiated Emissions 1 GHz – 2 GHz Vertical Peak/Average**

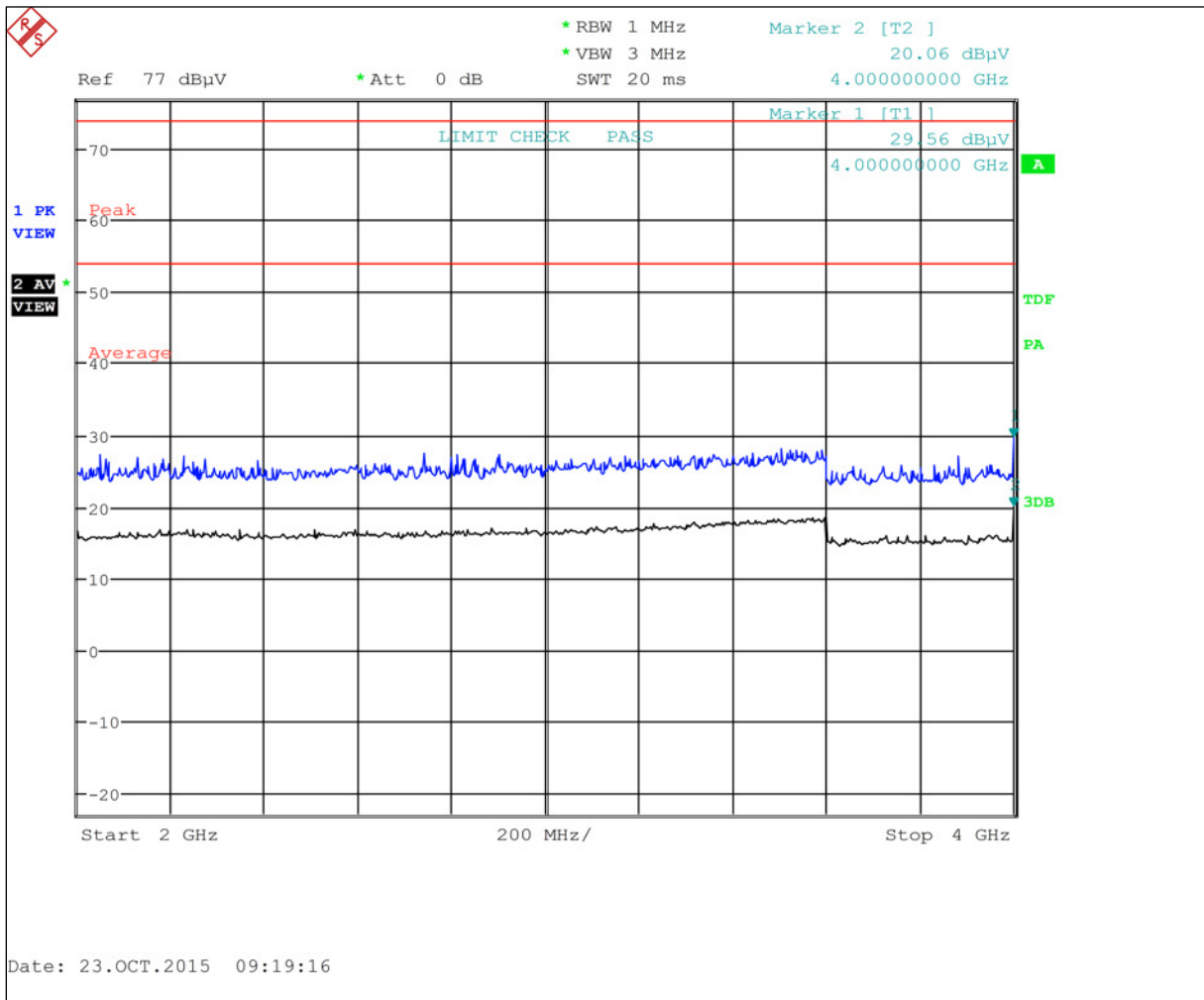




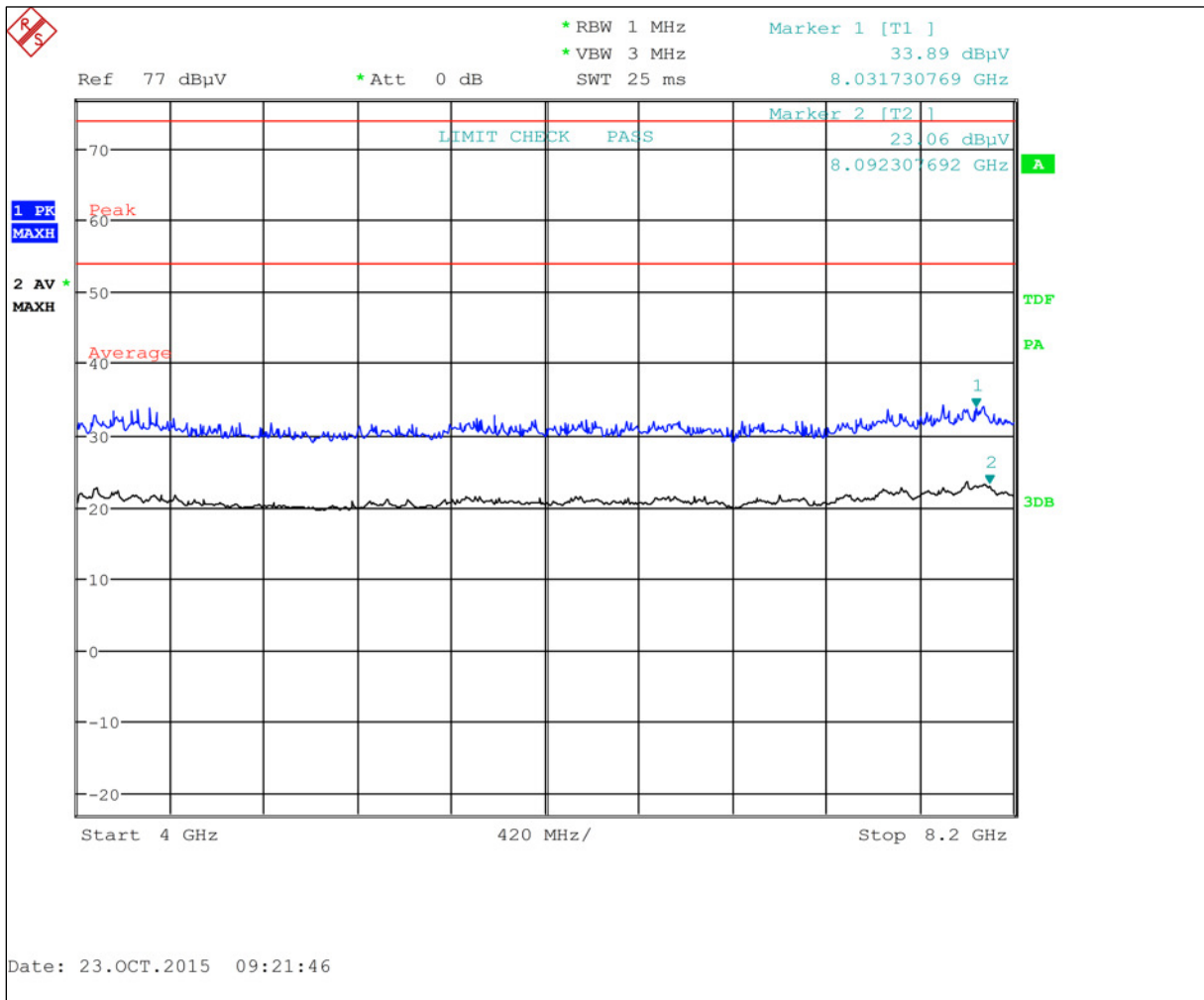
### Plot 6-493: Radiated Emissions 2 GHz – 4 GHz Horizontal Peak/Average



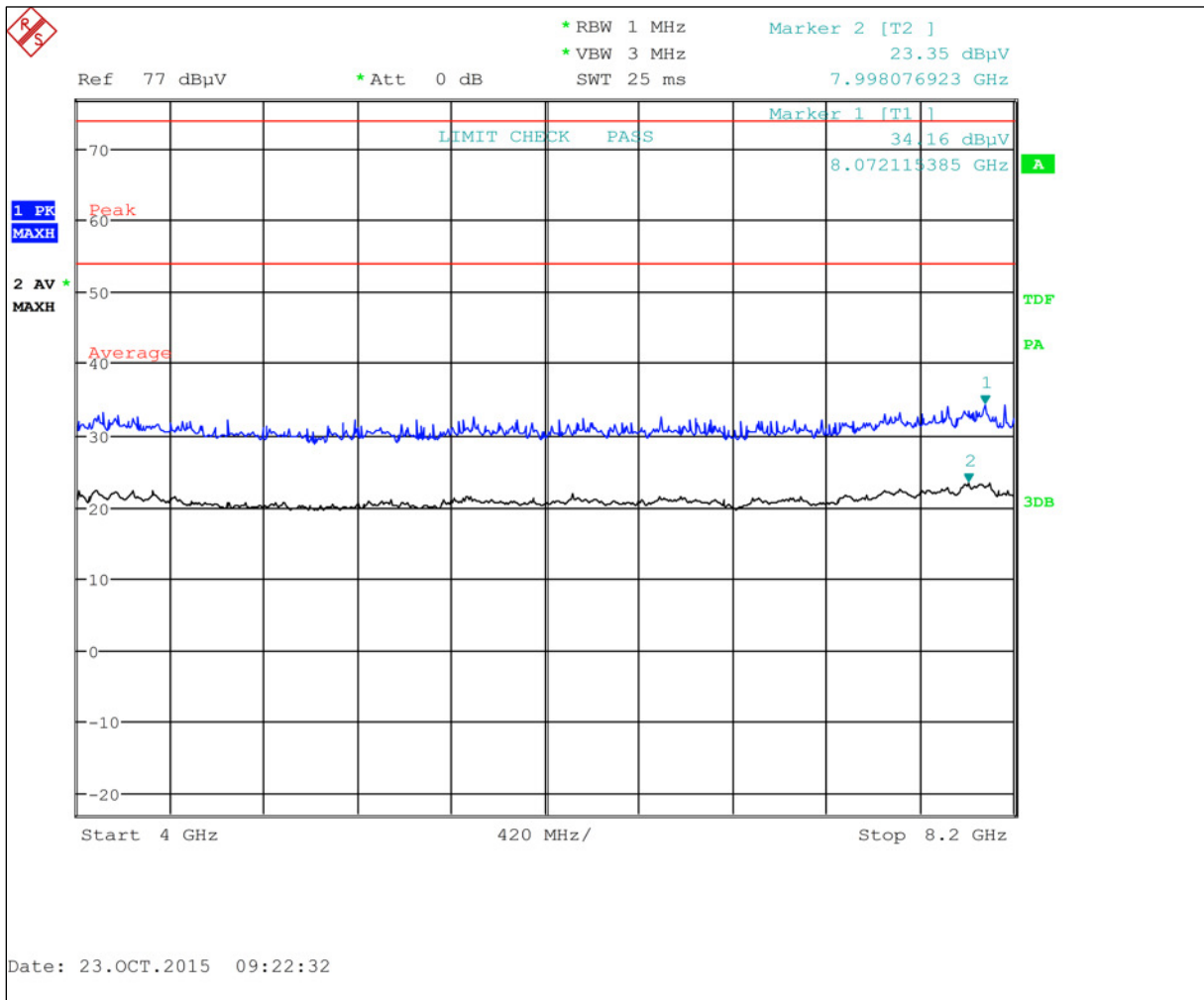
**Plot 6-494: Radiated Emissions 2 GHz – 4 GHz Vertical Peak/Average**



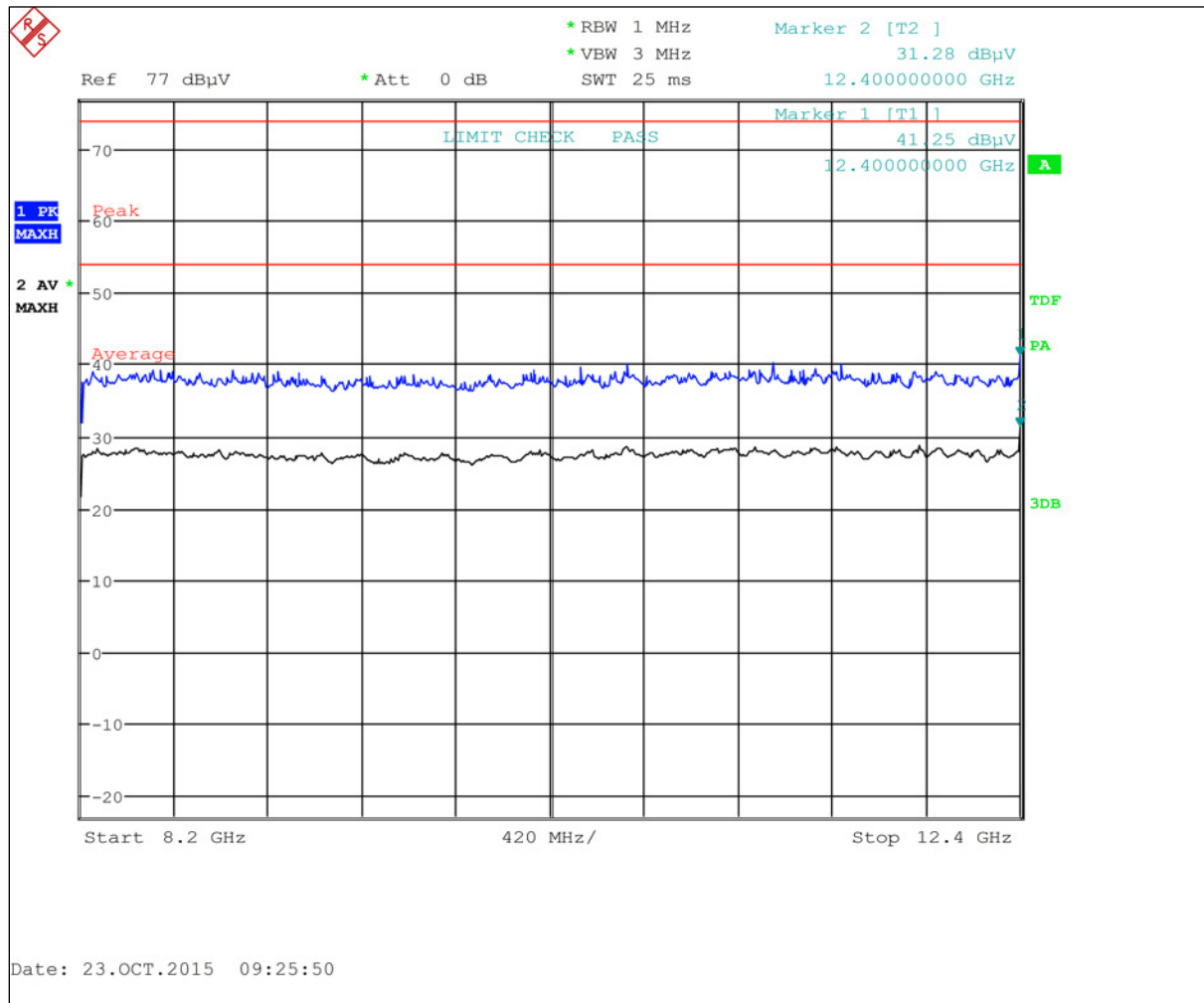
### Plot 6-495: Radiated Emissions 4 GHz – 8 GHz Horizontal Peak/Average



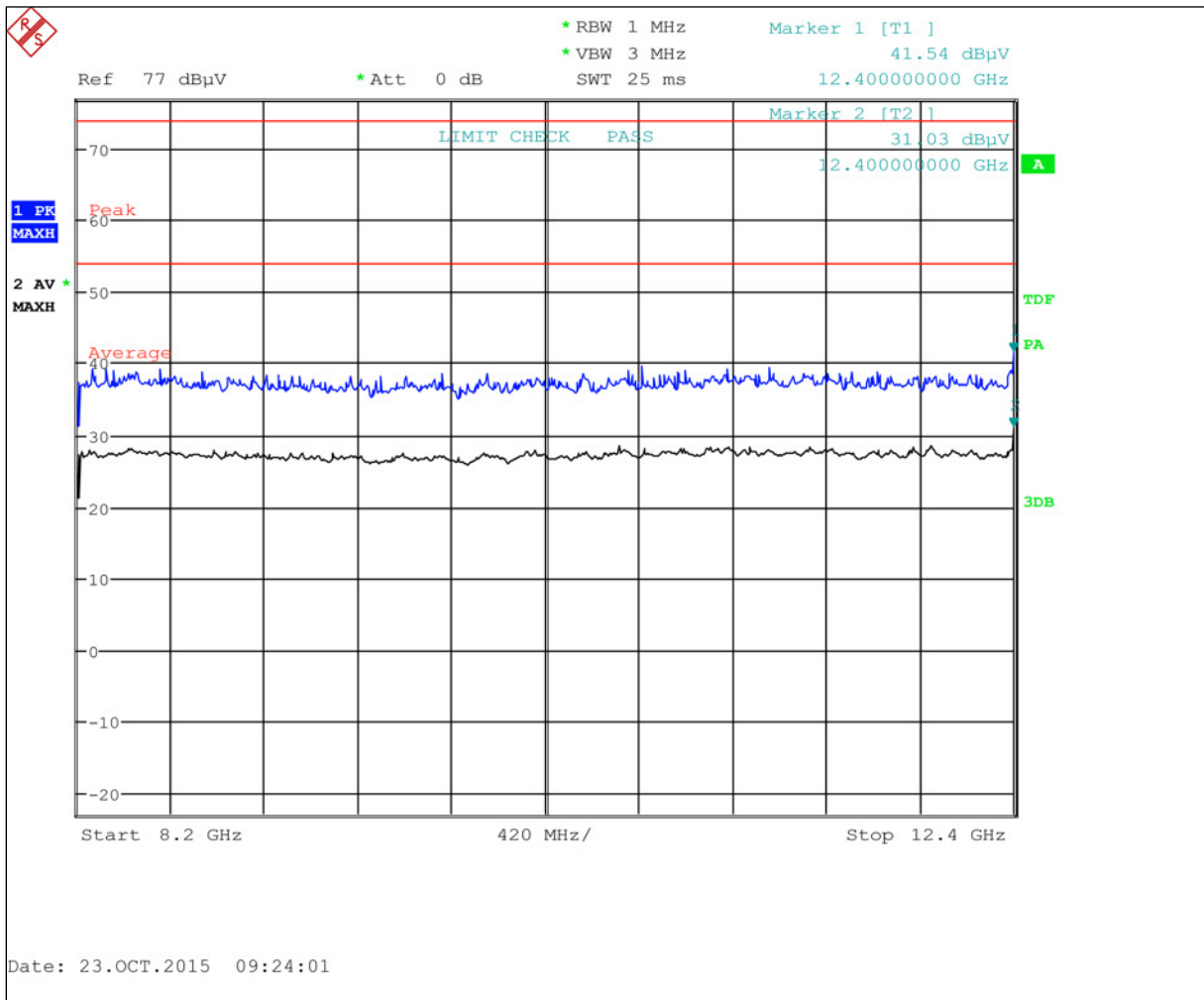
**Plot 6-496: Radiated Emissions 4 GHz – 8 GHz Vertical Peak/Average**



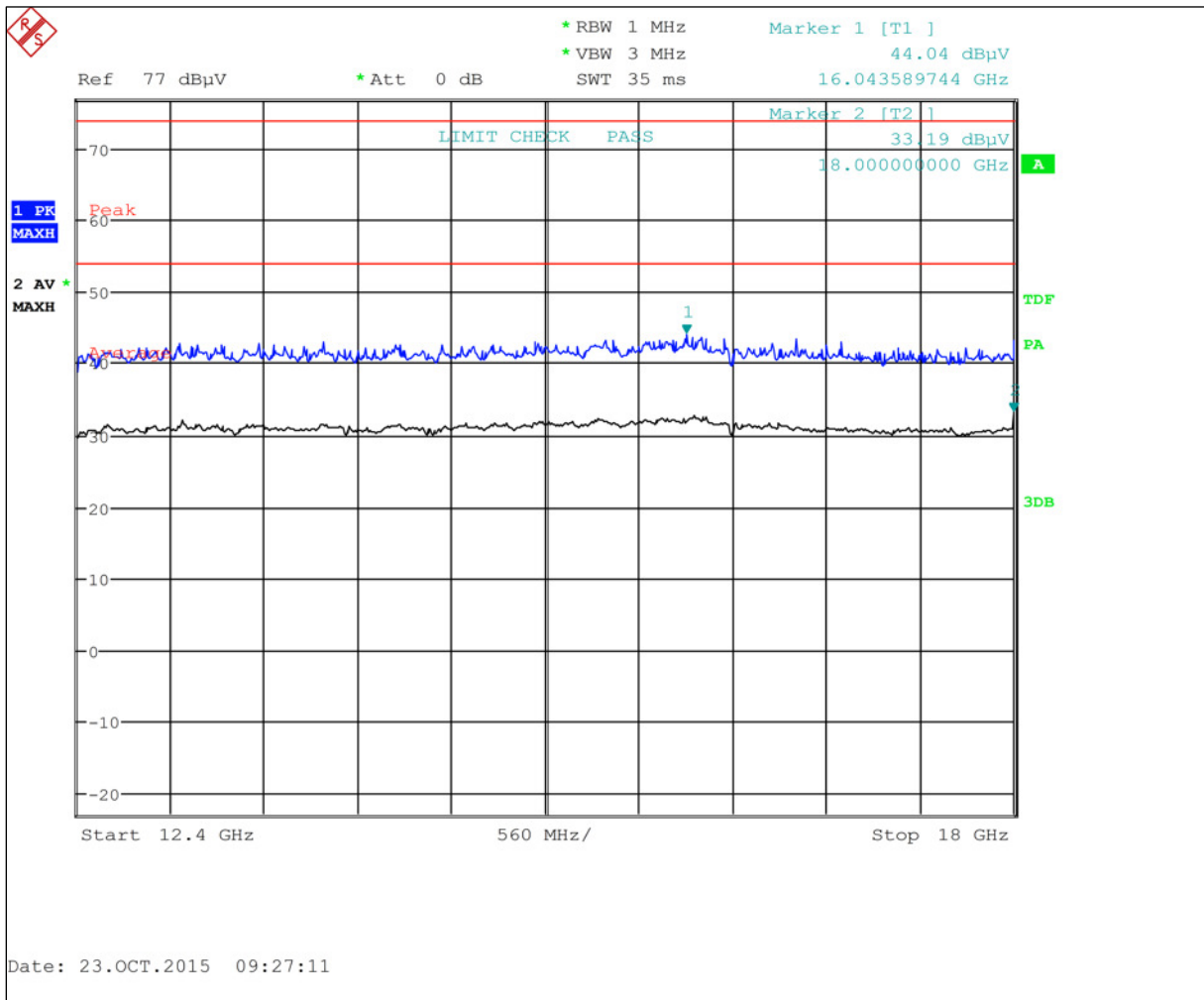
**Plot 6-497: Radiated Emissions 8 GHz – 12 GHz Horizontal Peak/Average**



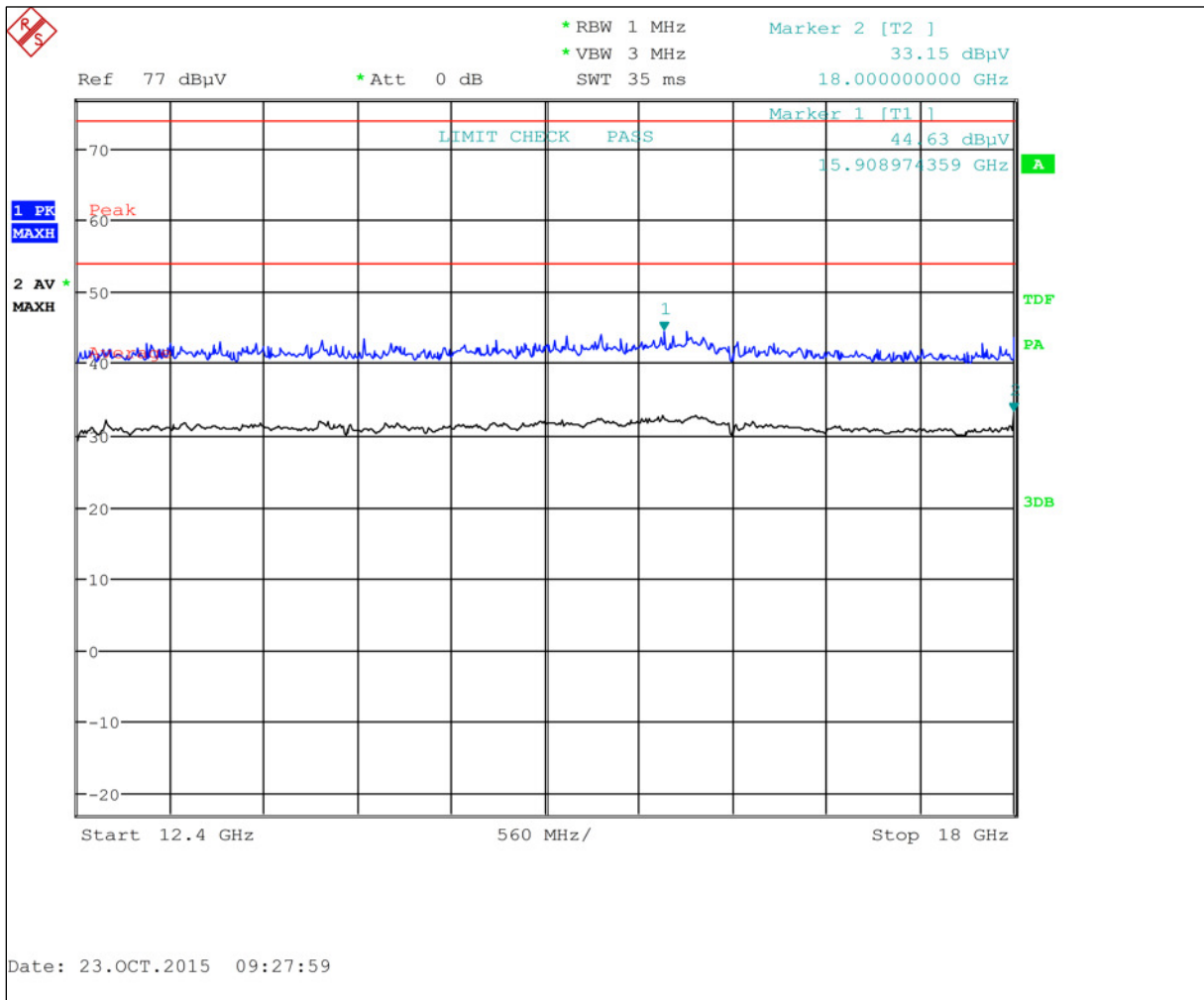
**Plot 6-498: Radiated Emissions 8 GHz – 12 GHz Vertical Peak/Average**



**Plot 6-499: Radiated Emissions 12 GHz – 18 GHz Horizontal Peak/Average**

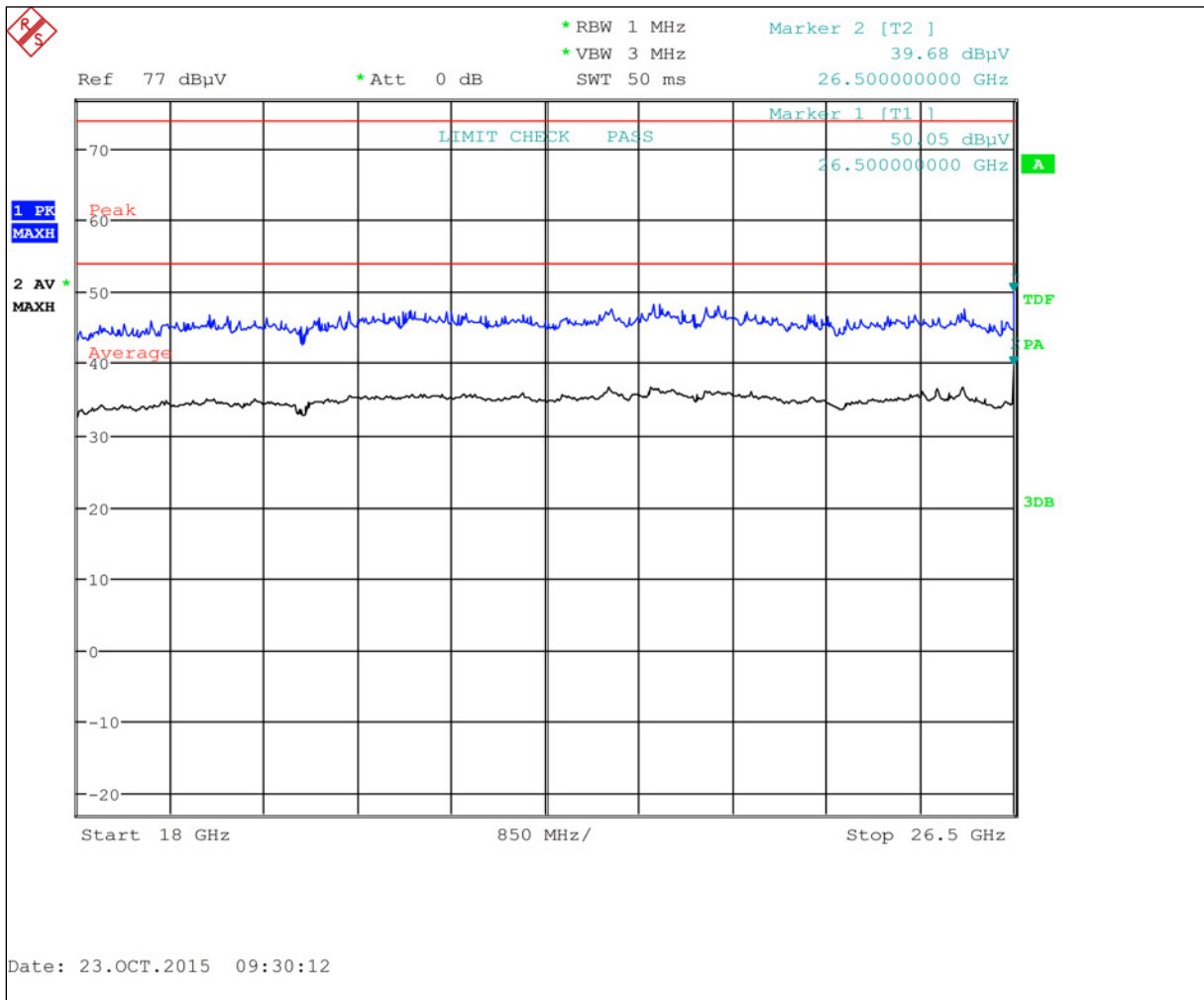


### Plot 6-500: Radiated Emissions 12 GHz – 18 GHz Vertical Peak/Average

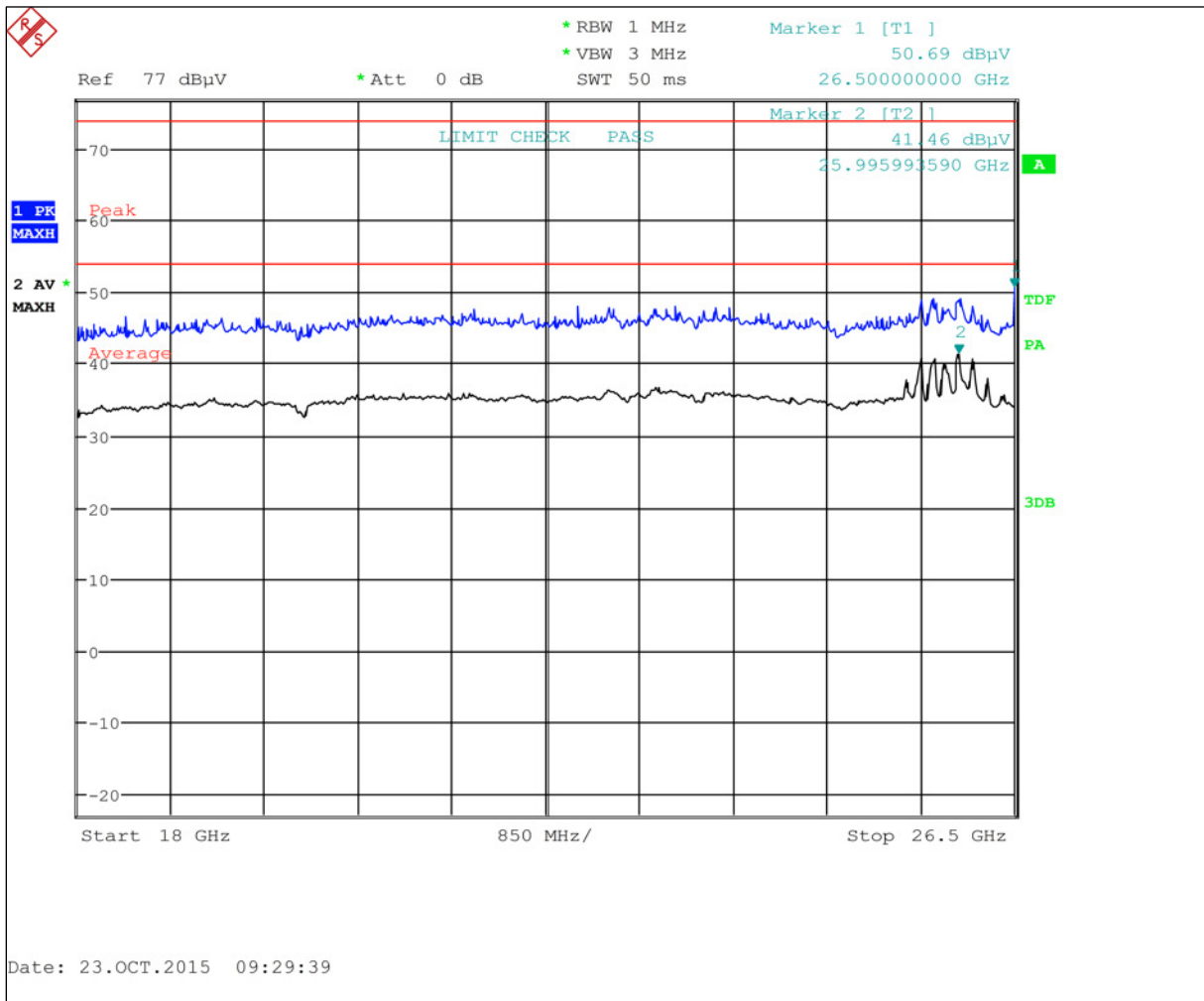




### Plot 6-501: Radiated Emissions 18 GHz – 26 GHz Horizontal Peak/Average

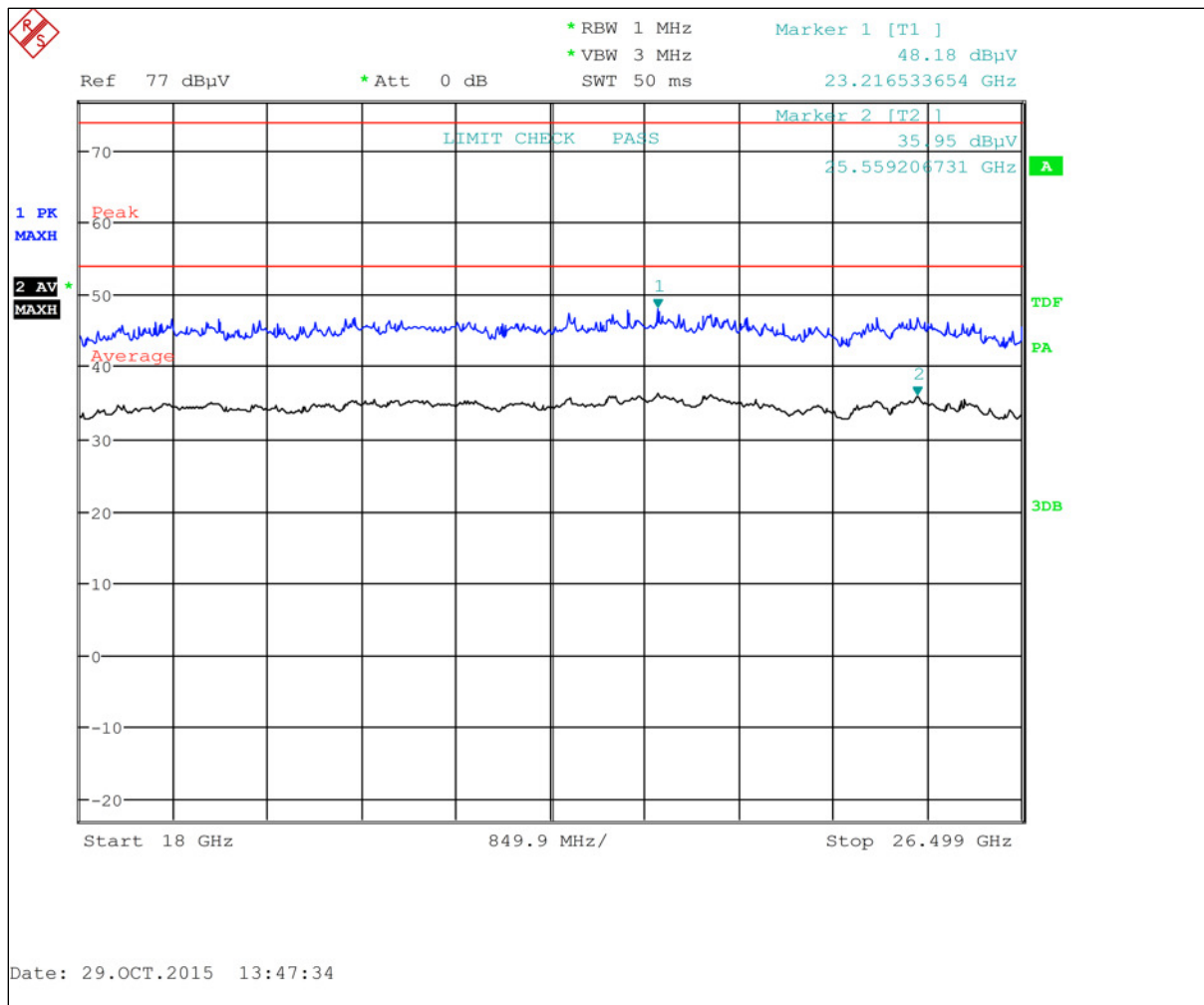


**Plot 6-502: Radiated Emissions 18 GHz – 26 GHz Vertical Peak/Average**



### 6.3.3.19 Radiated Emissions Carrier Test Data - TC#7 Fiberglass Container

**Plot 6-503: Radiated Emissions of Carrier - TC #7 Fiberglass Container**

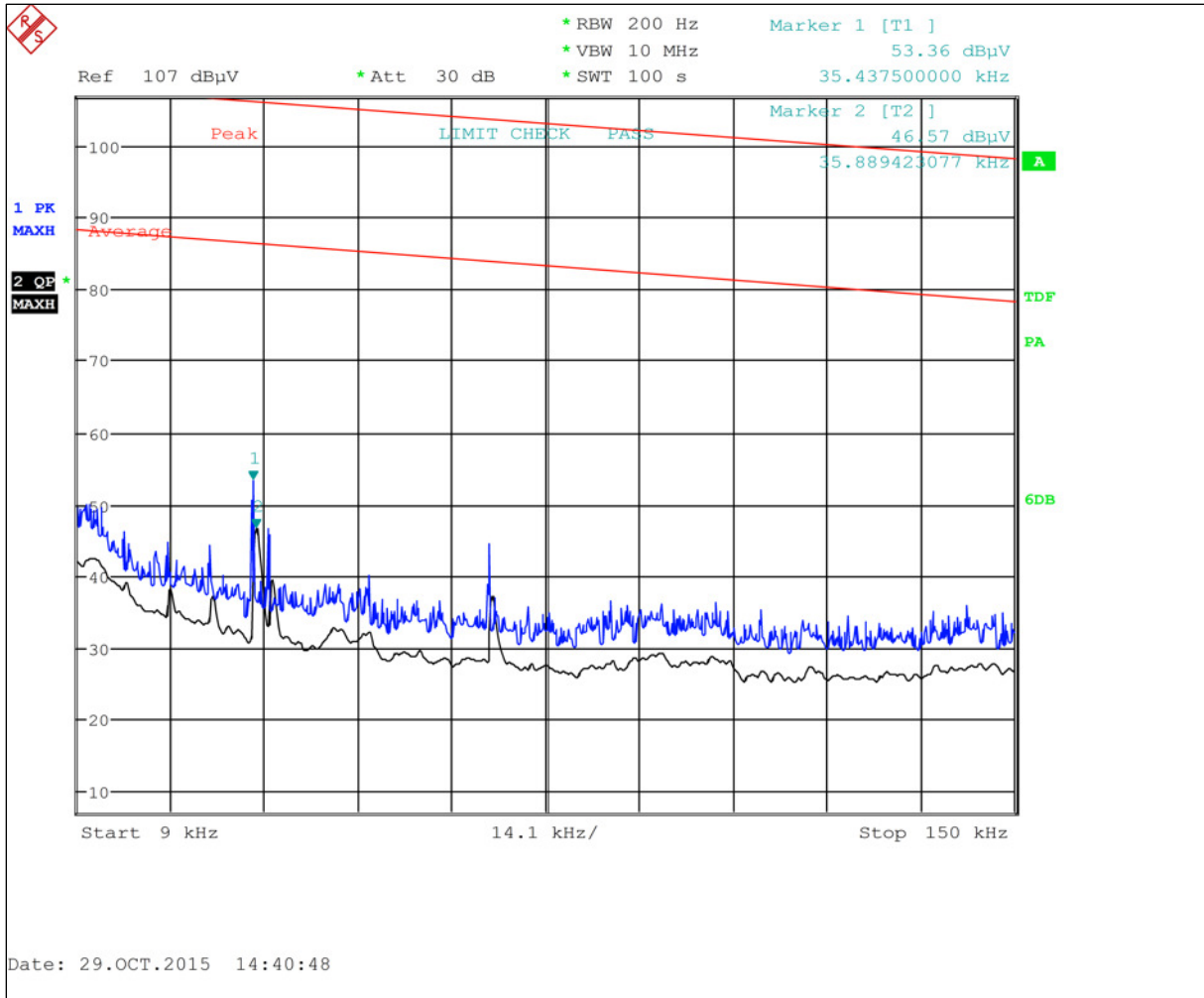


**Table 6-25: Radiated Emissions of Carrier – TC #7 Fiberglass Container**

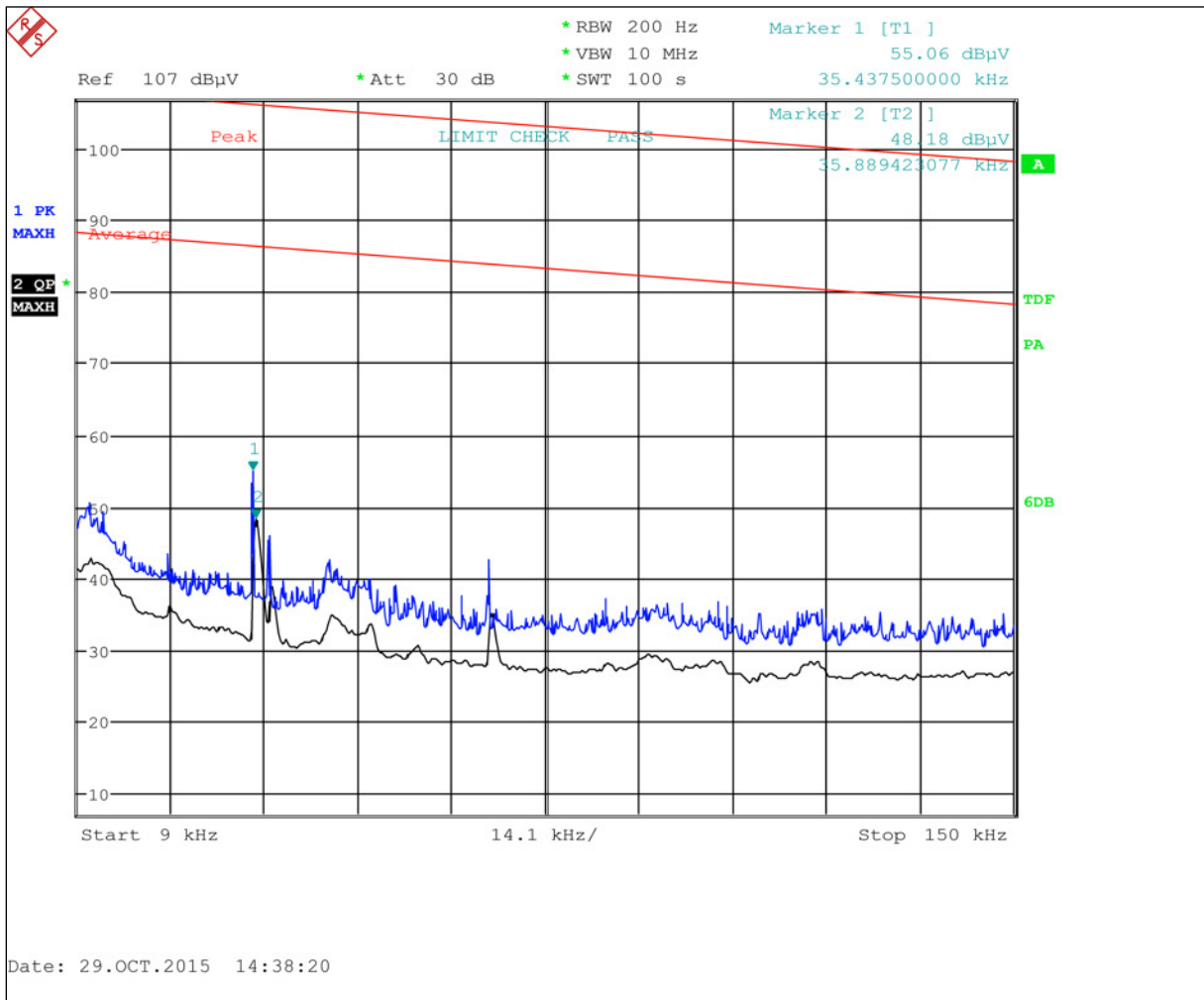
Frequency (GHz)	Detector	Test Antenna Pol	Corrected Spectrum Analyzer Level (dBuV/m)	FCC Limit (dBuV)	Margin (dB)	Corrected Spectrum Analyzer Level (dBm/MHz)	IC Limit (dBm/MHz)	Margin (dBm)
23.2165	Peak	H	48.2	74.0	-25.8	NA		
25.5592	Average	V	36.0	54.0	-18.0	-59.2	-41.3	17.9

### 6.3.3.20 Radiated Emissions Below 1 GHz Test Data – TC#7 Fiberglass Container

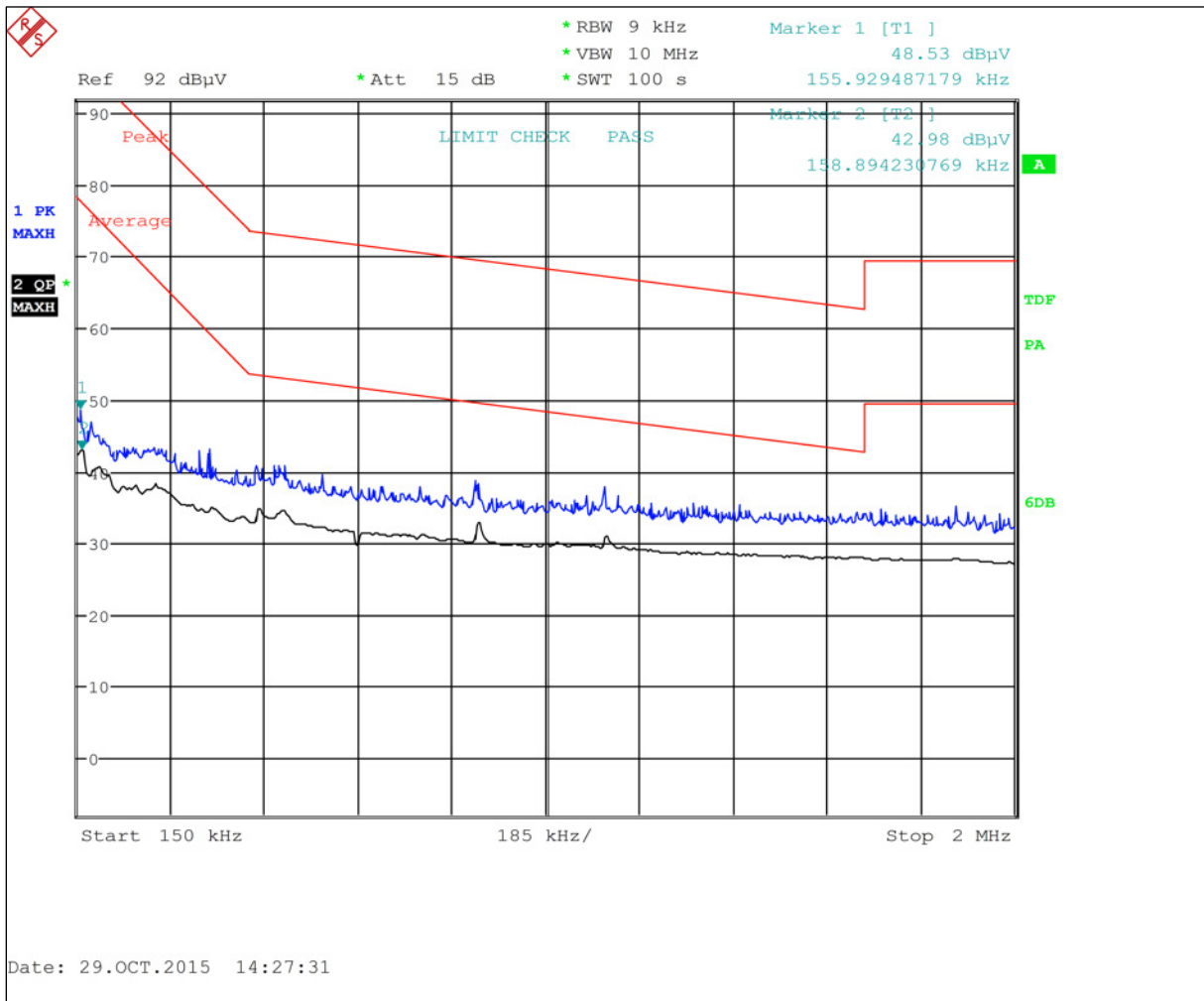
Plot 6-504: Radiated Emissions Transmit – 9 kHz – 150 kHz Horizontal Peak/Average



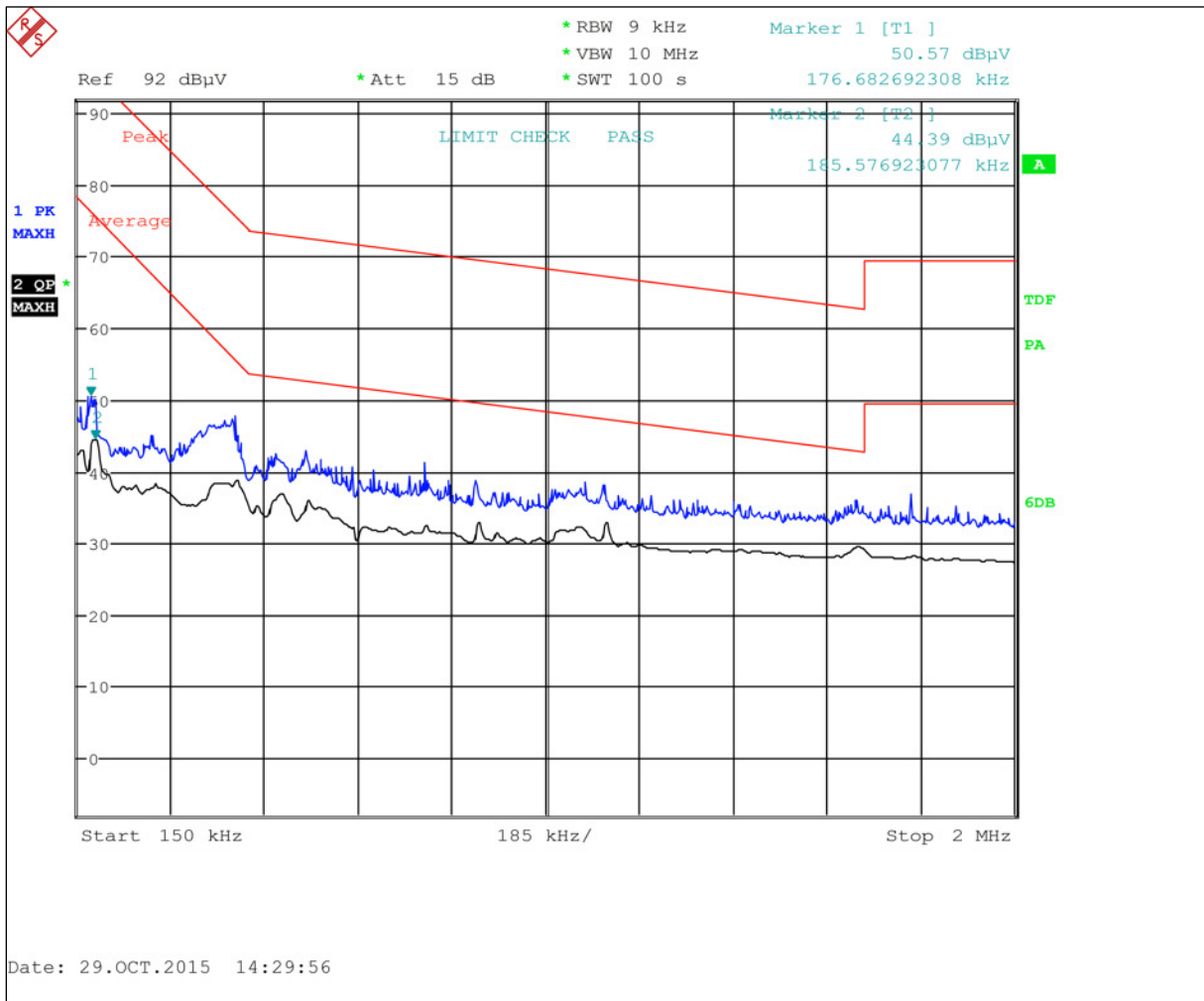
**Plot 6-505: Radiated Emissions Transmit – 9 kHz – 150 kHz Vertical Peak/Average**



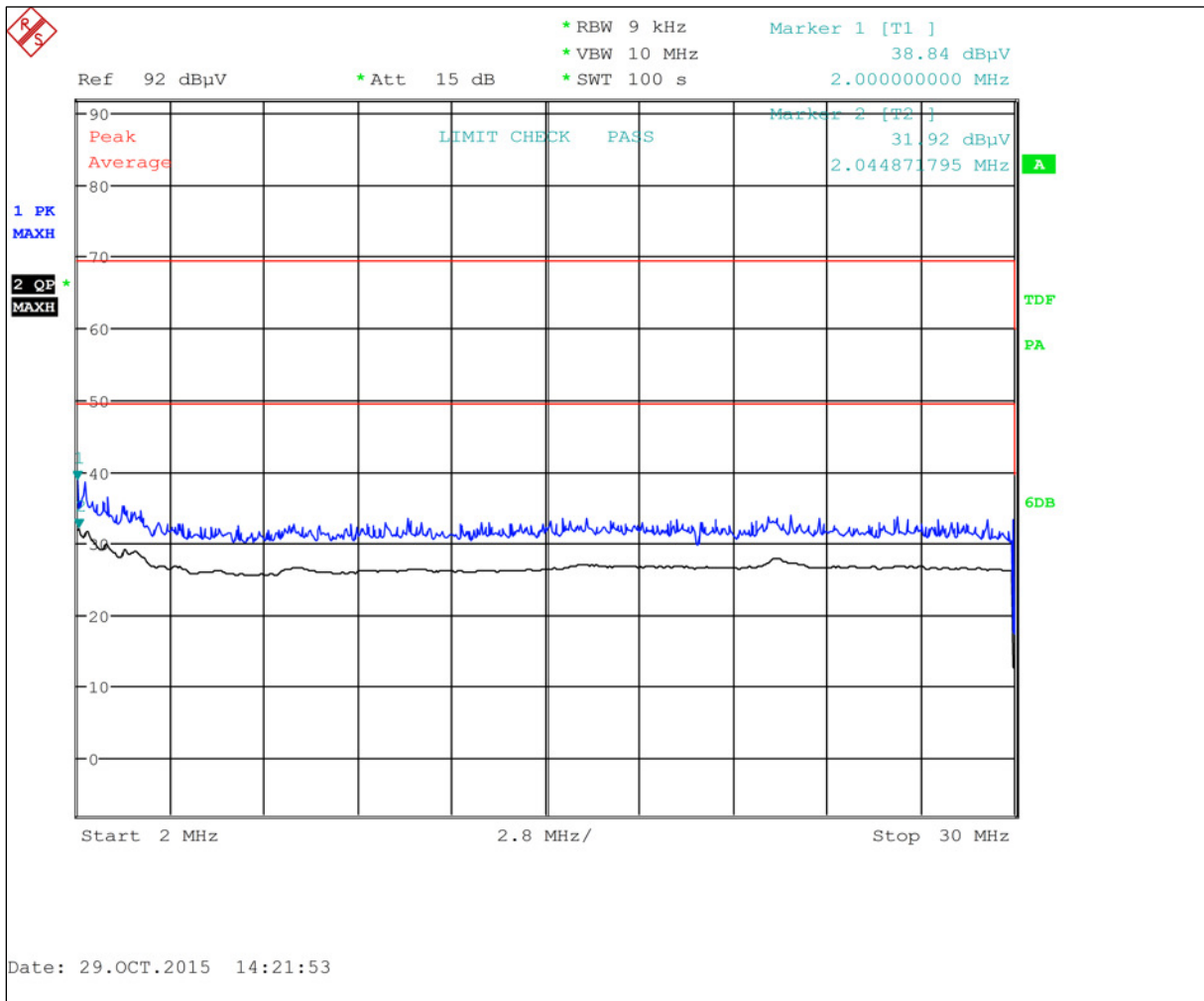
**Plot 6-506: Radiated Emissions Transmit – 150 kHz – 2 MHz Horizontal Peak/Average**



**Plot 6-507: Radiated Emissions Transmit – 150 kHz – 2 MHz Vertical Peak/Average**

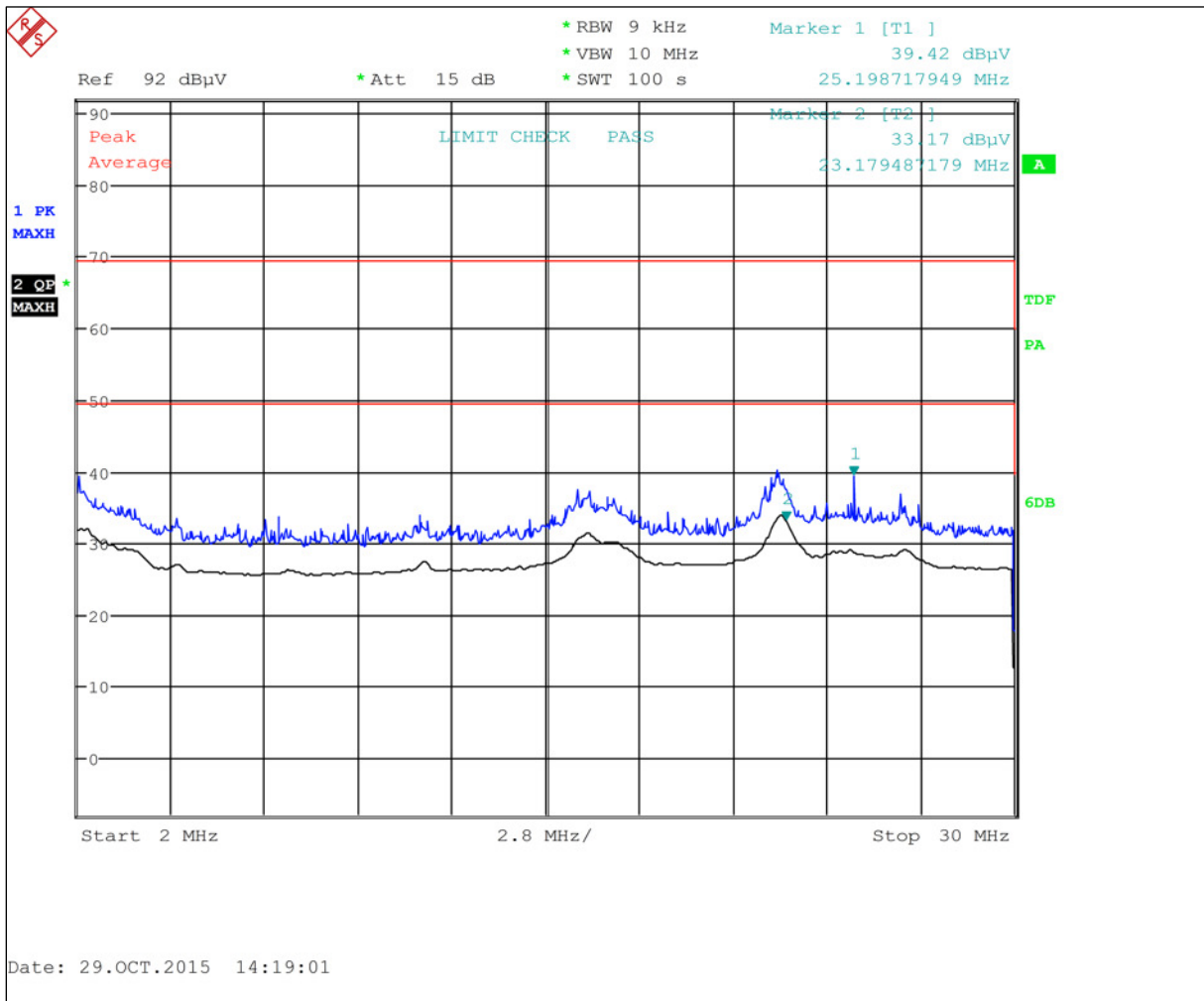


**Plot 6-508: Radiated Emissions Transmit – 2 MHz – 30 MHz Horizontal Peak/Average**

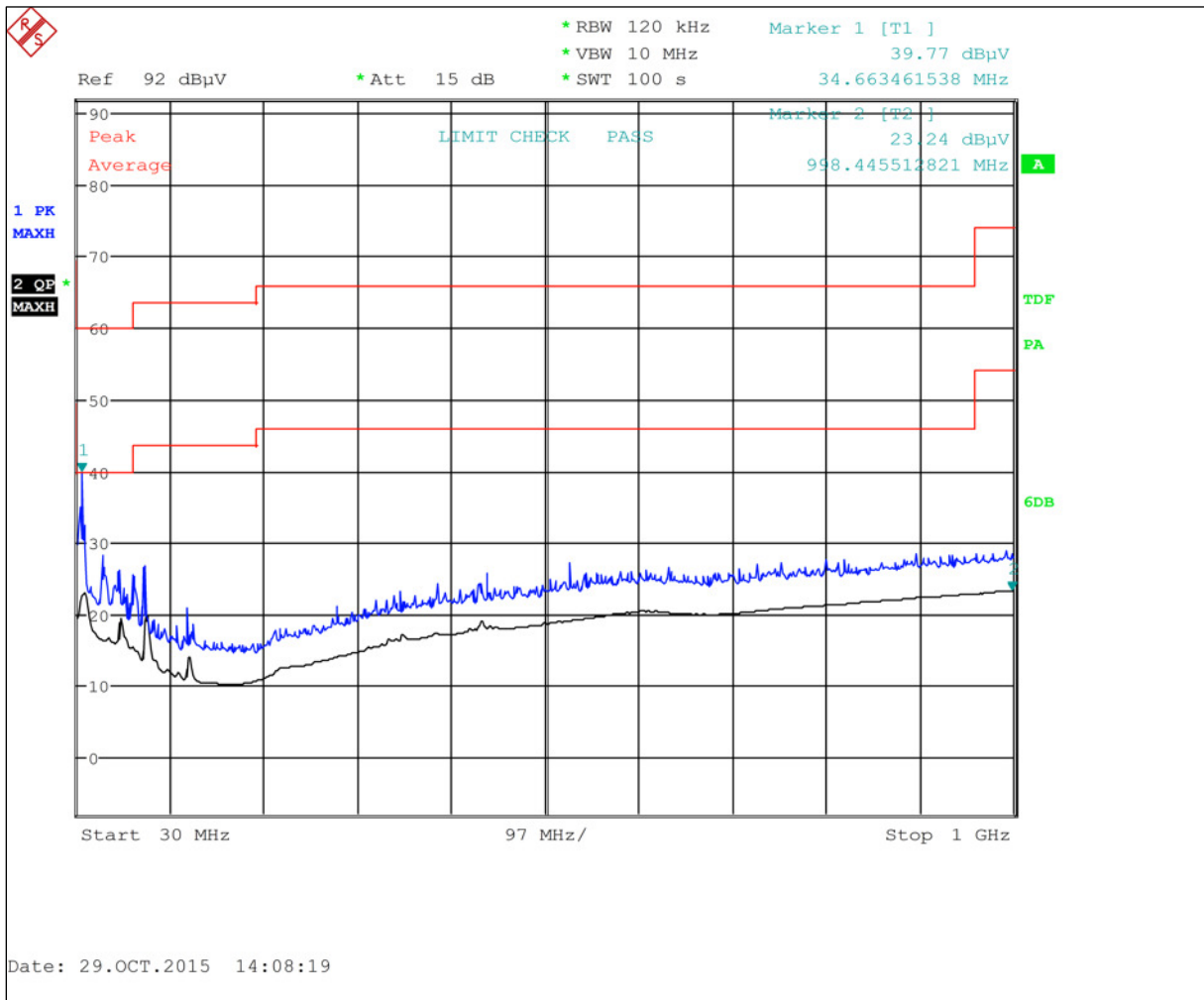




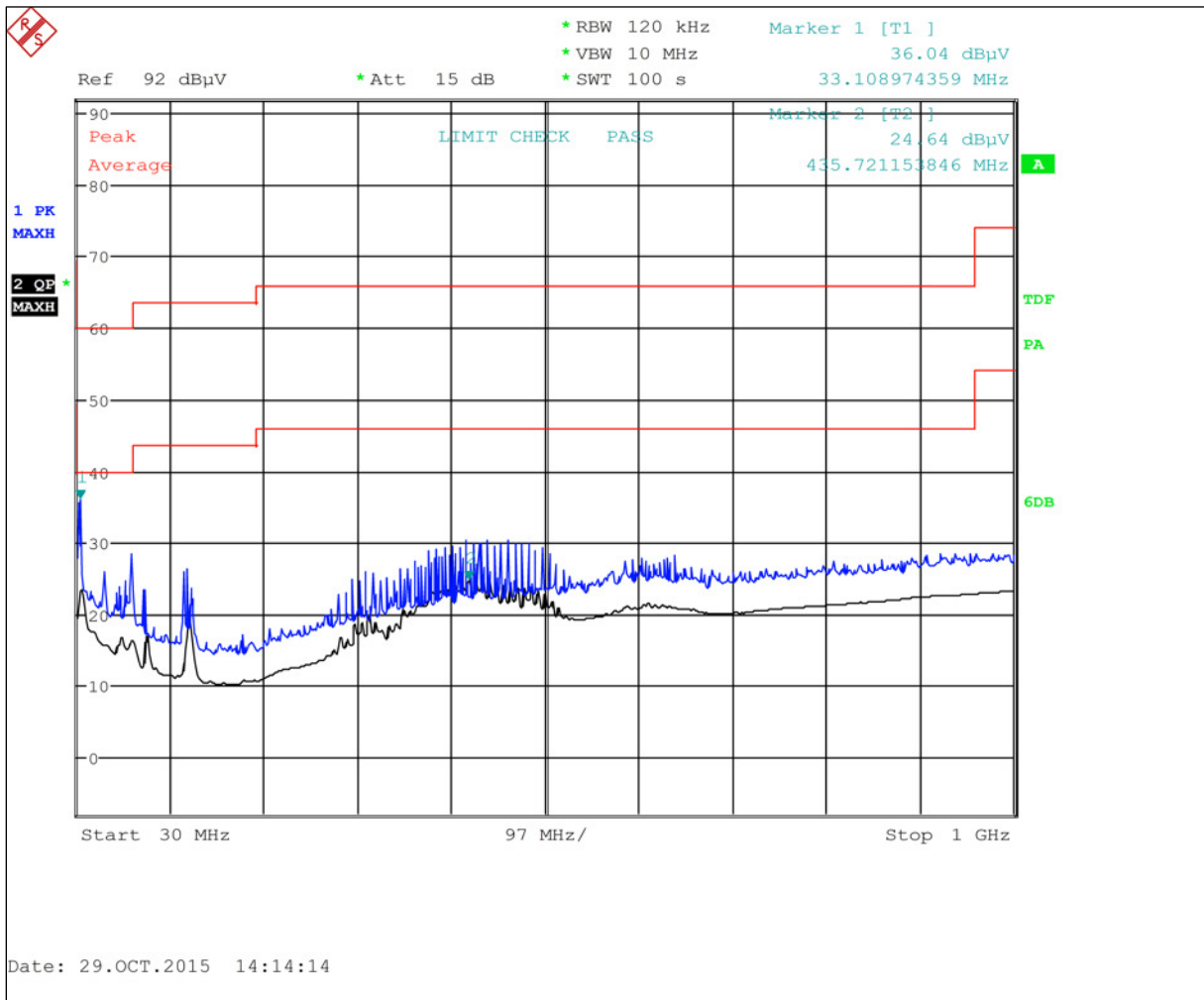
**Plot 6-509: Radiated Emissions Transmit – 2 MHz – 30 MHz Vertical Peak/Average**



**Plot 6-510: Radiated Emissions Transmit – 30 MHz – 1 GHz Horizontal Peak/Average**



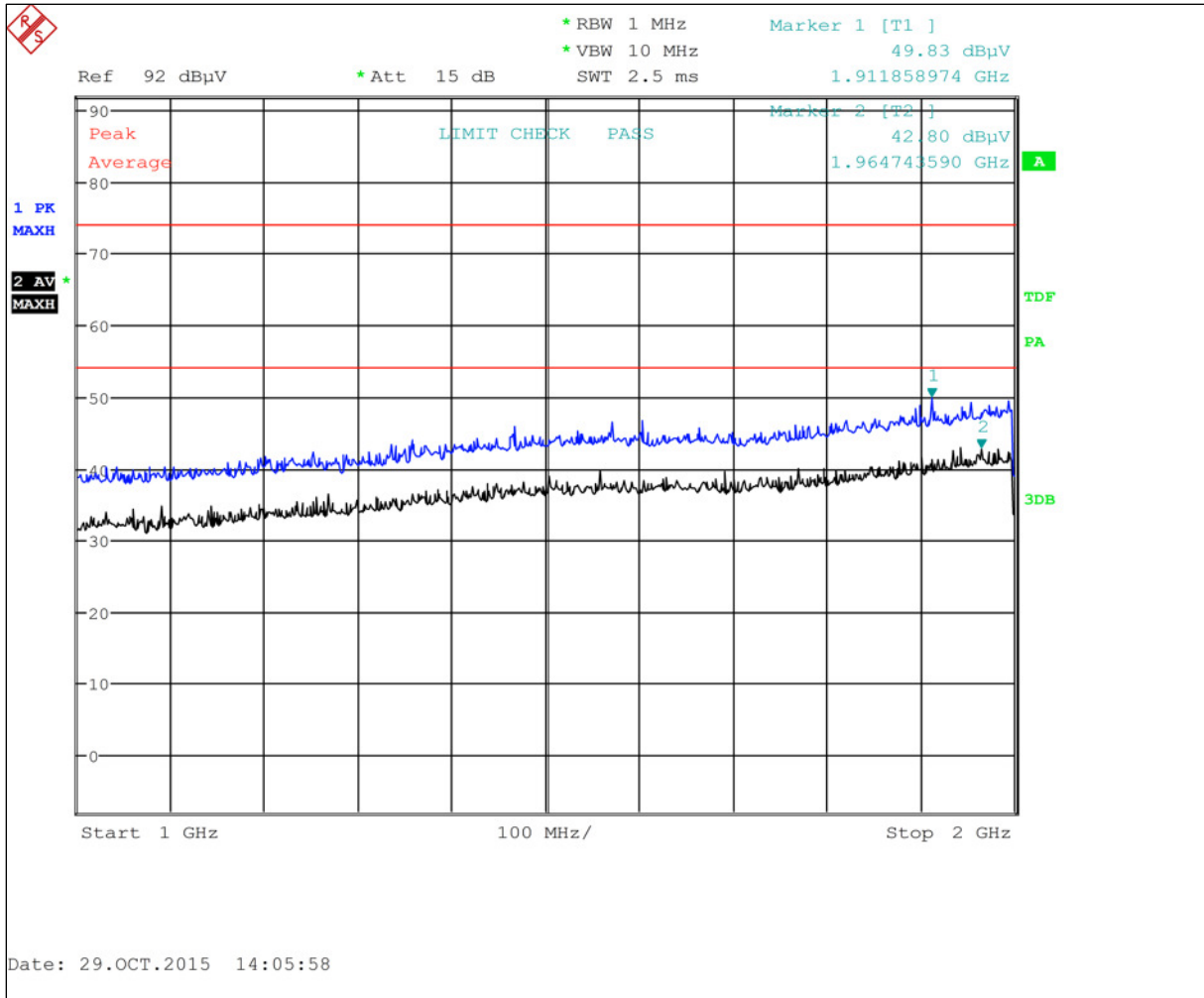
**Plot 6-511: Radiated Emissions Transmit – 30 MHz – 1 GHz Vertical Peak/Average**



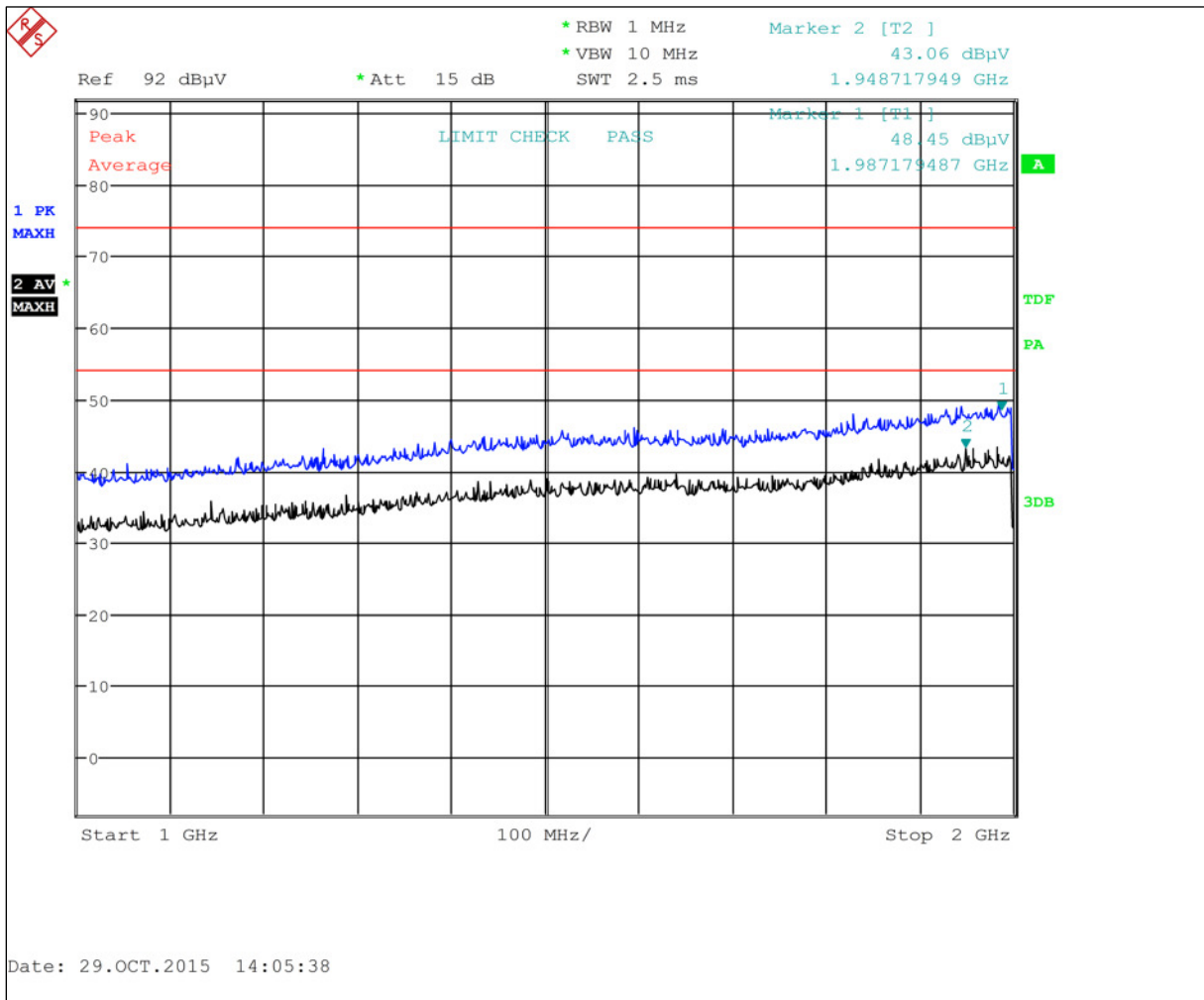
Note: Unwanted emissions were investigated as a digital device (other than harmonics) as required by 15.33(a)(3).

### 6.3.3.21 Radiated Emissions 1 GHz – 26 GHz Test Data – TC#7 Fiberglass Container

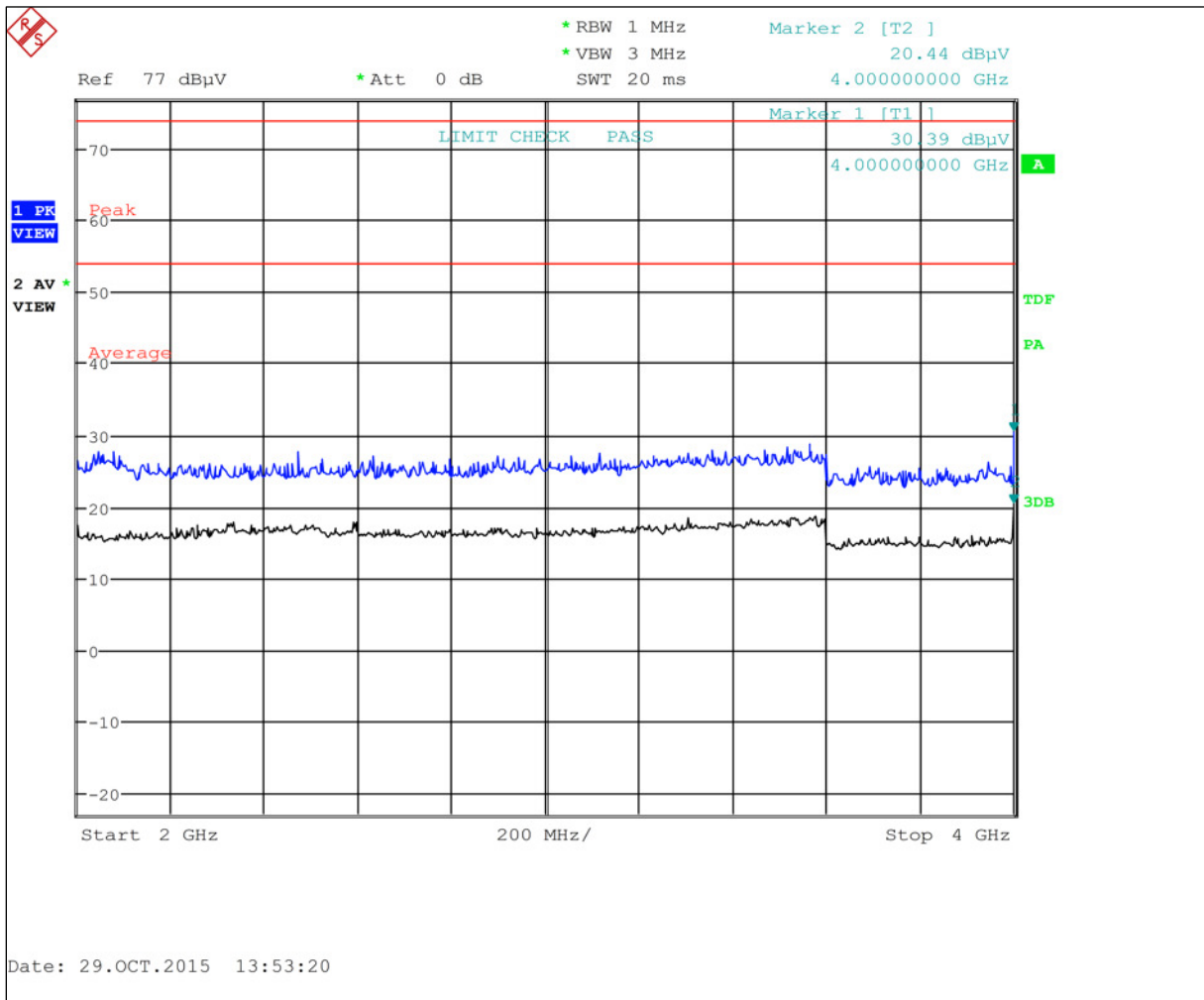
Plot 6-512: Radiated Emissions 1 GHz – 2 GHz Horizontal Peak/Average



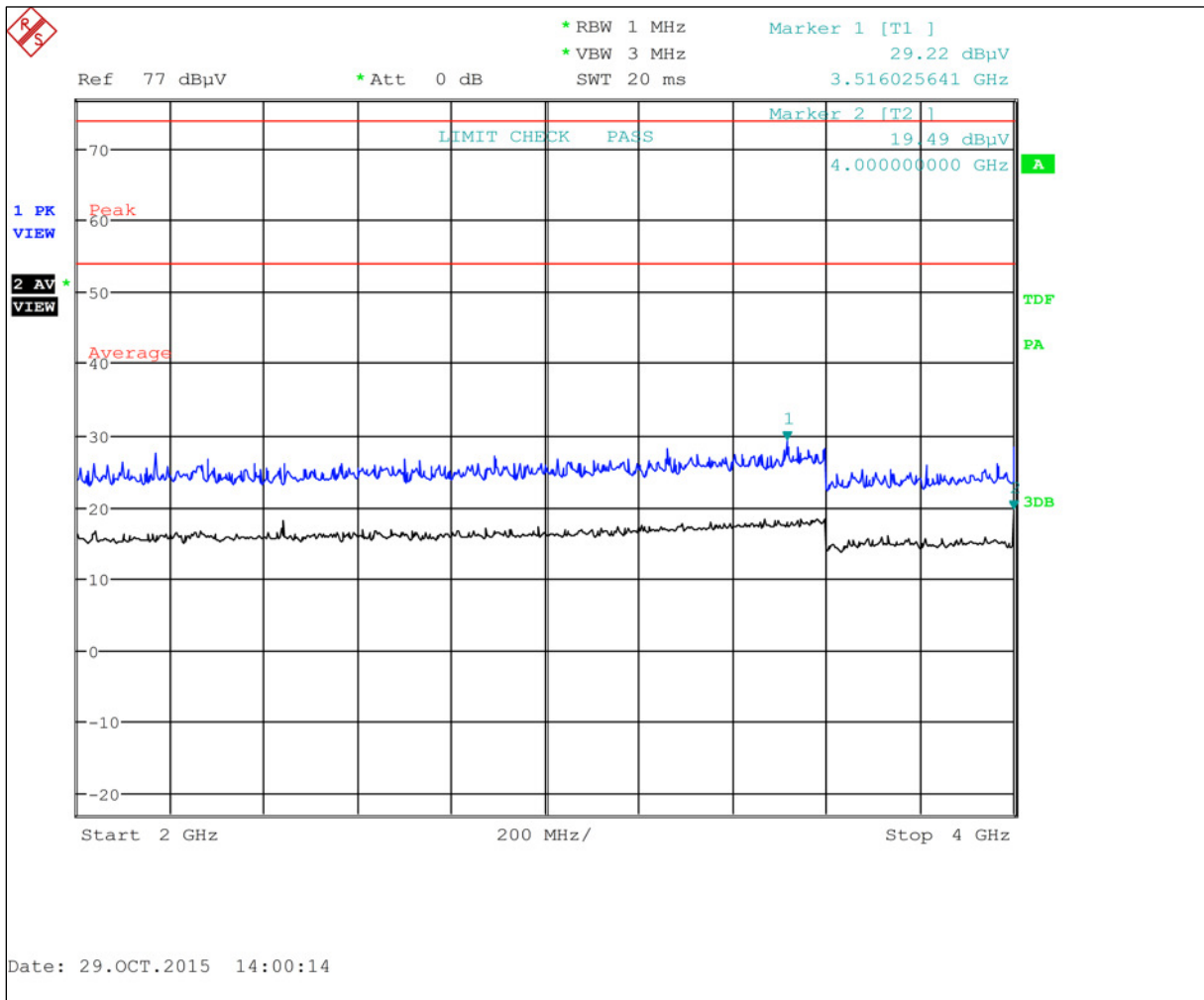
**Plot 6-513: Radiated Emissions 1 GHz – 2 GHz Vertical Peak/Average**



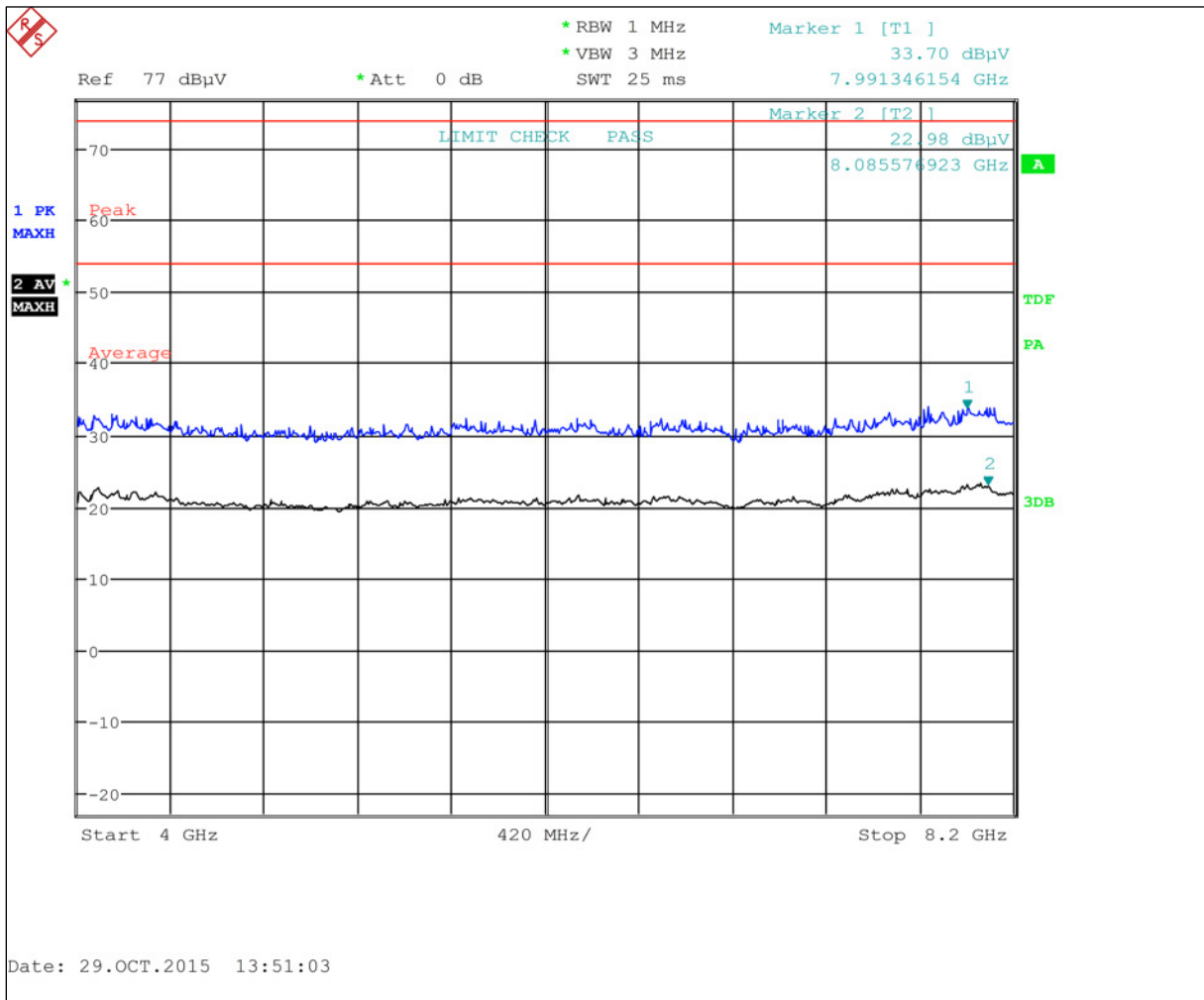
**Plot 6-514: Radiated Emissions 2 GHz – 4 GHz Horizontal Peak/Average**



**Plot 6-515: Radiated Emissions 2 GHz – 4 GHz Vertical Peak/Average**

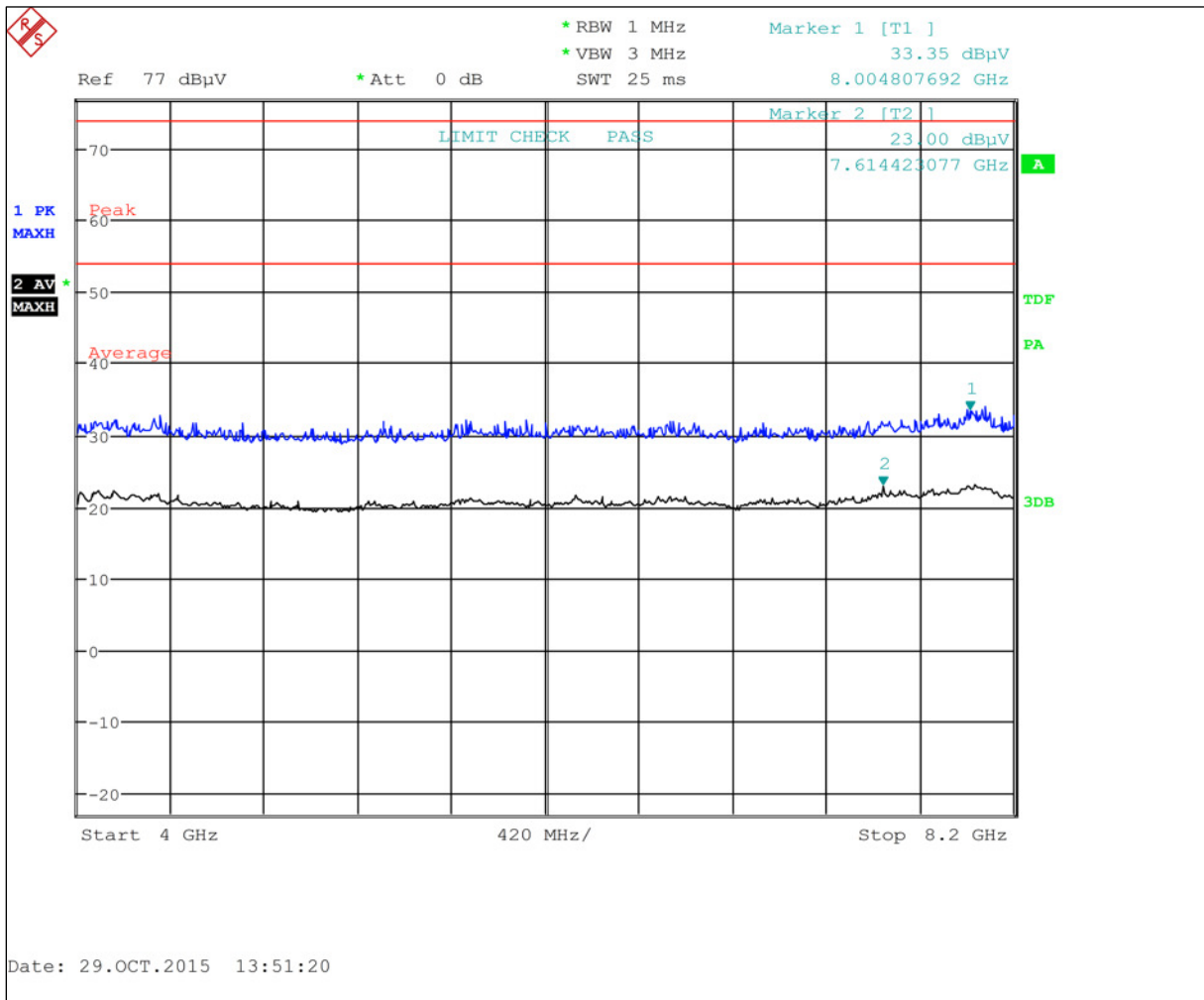


**Plot 6-516: Radiated Emissions 4 GHz – 8 GHz Horizontal Peak/Average**

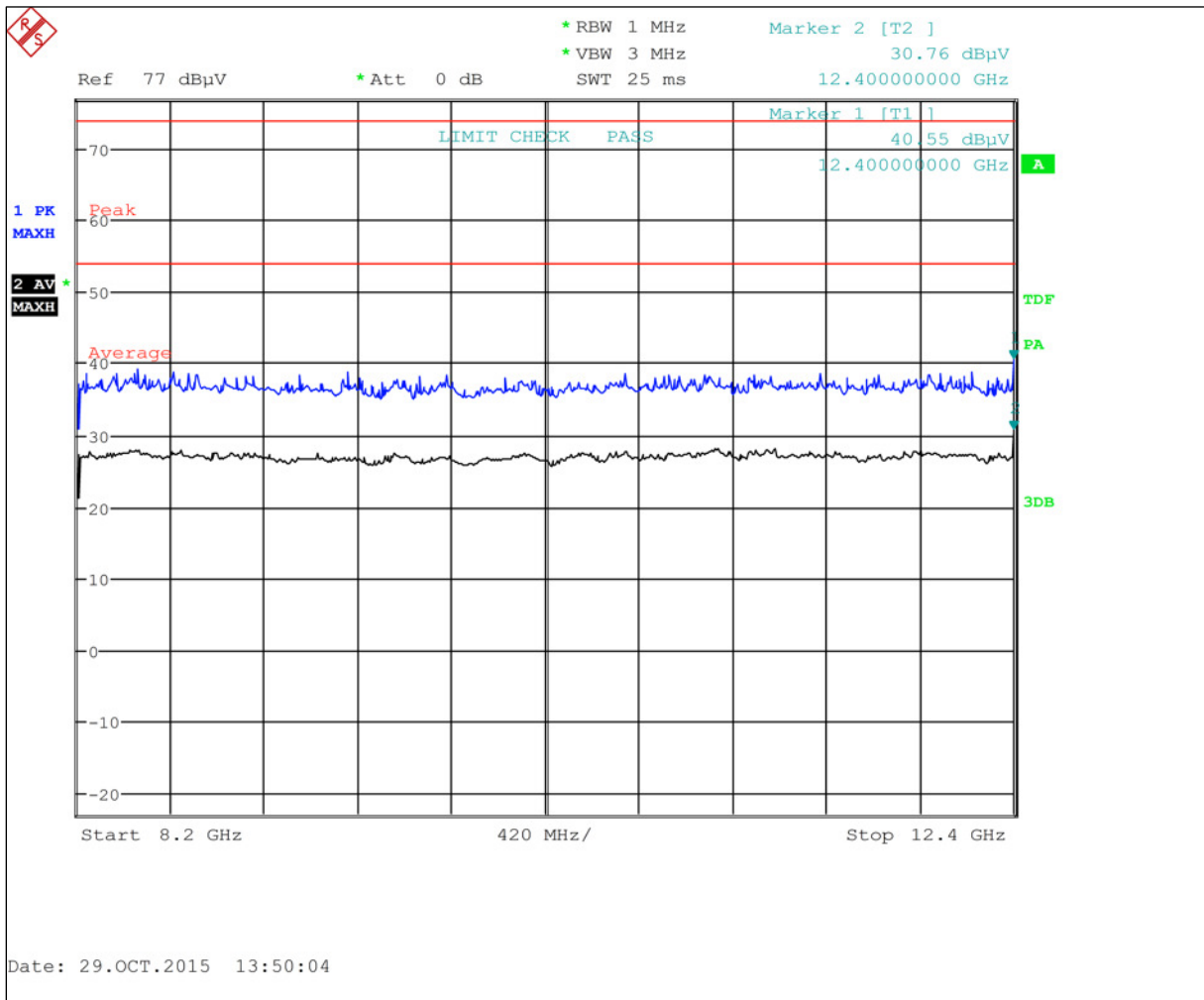




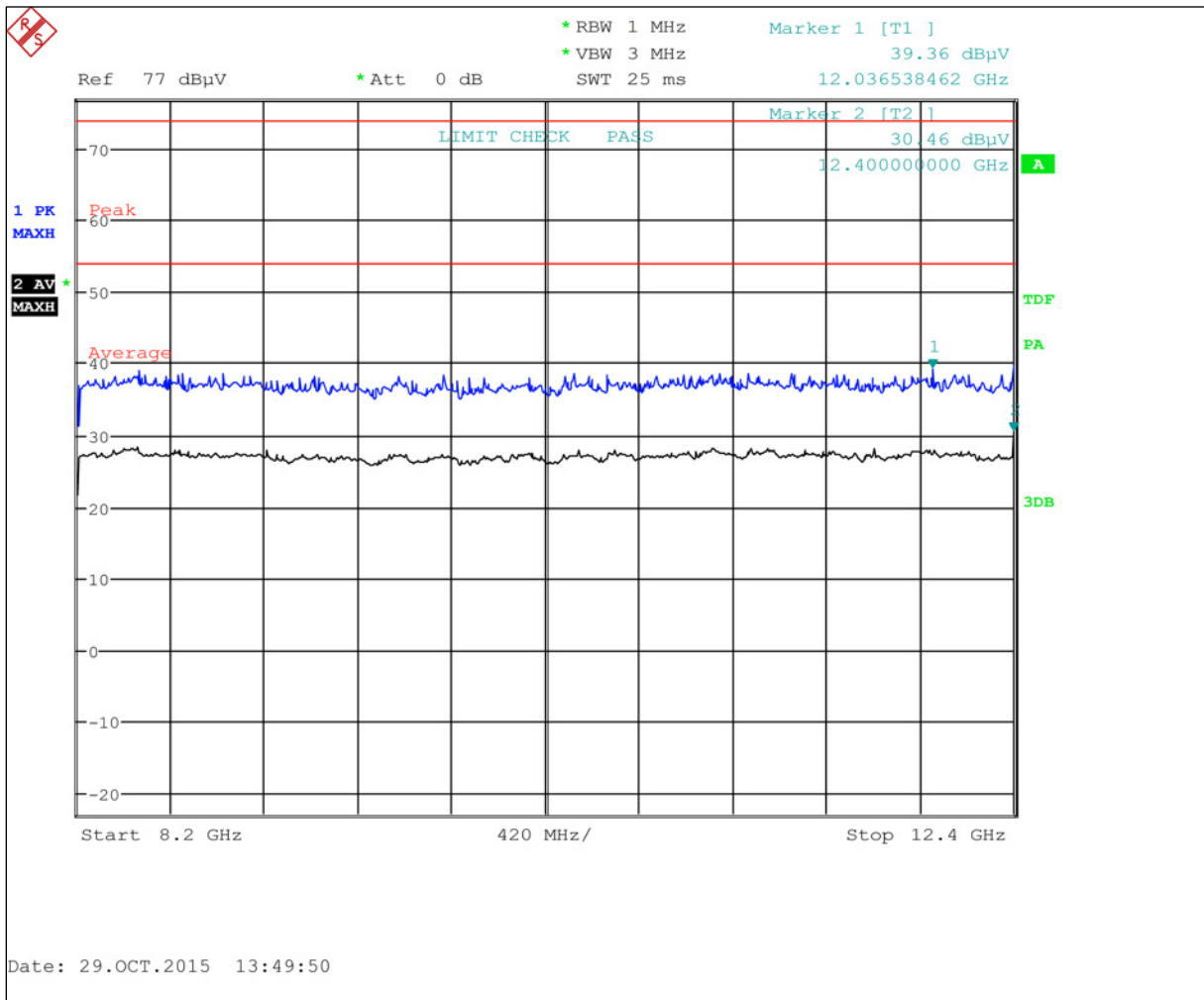
**Plot 6-517: Radiated Emissions 4 GHz – 8 GHz Vertical Peak/Average**



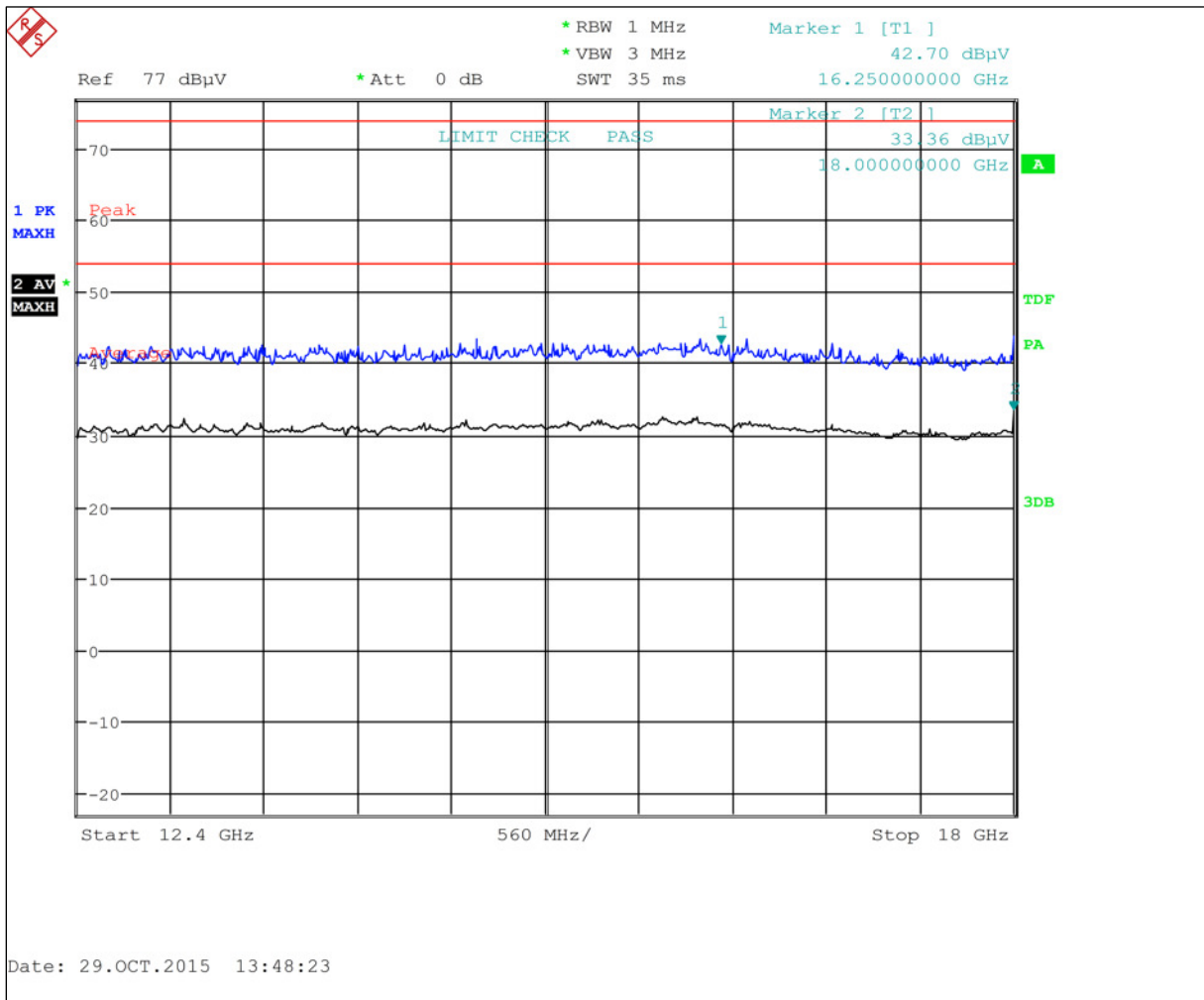
**Plot 6-518: Radiated Emissions 8 GHz – 12 GHz Horizontal Peak/Average**



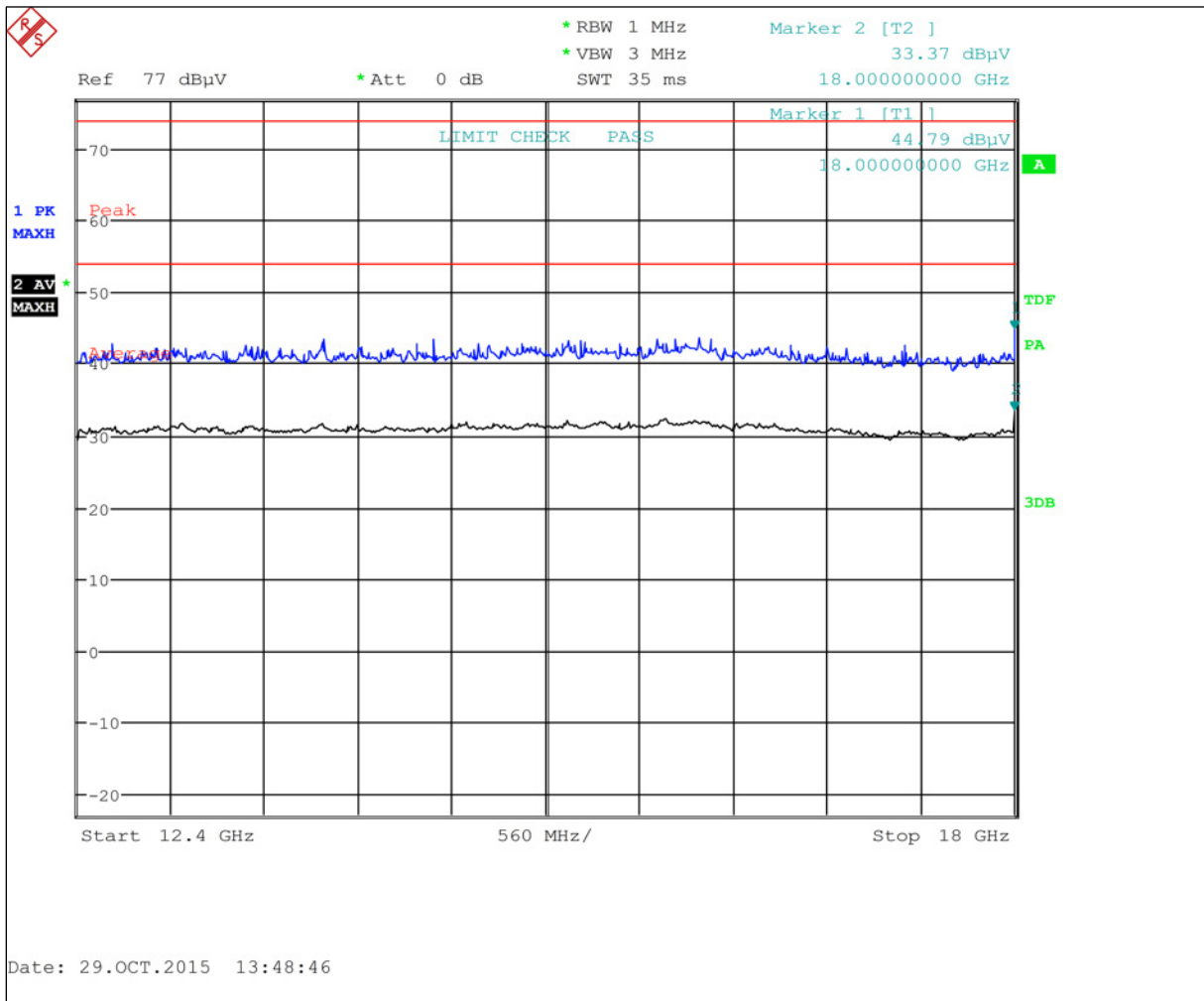
**Plot 6-519: Radiated Emissions 8 GHz – 12 GHz Vertical Peak/Average**



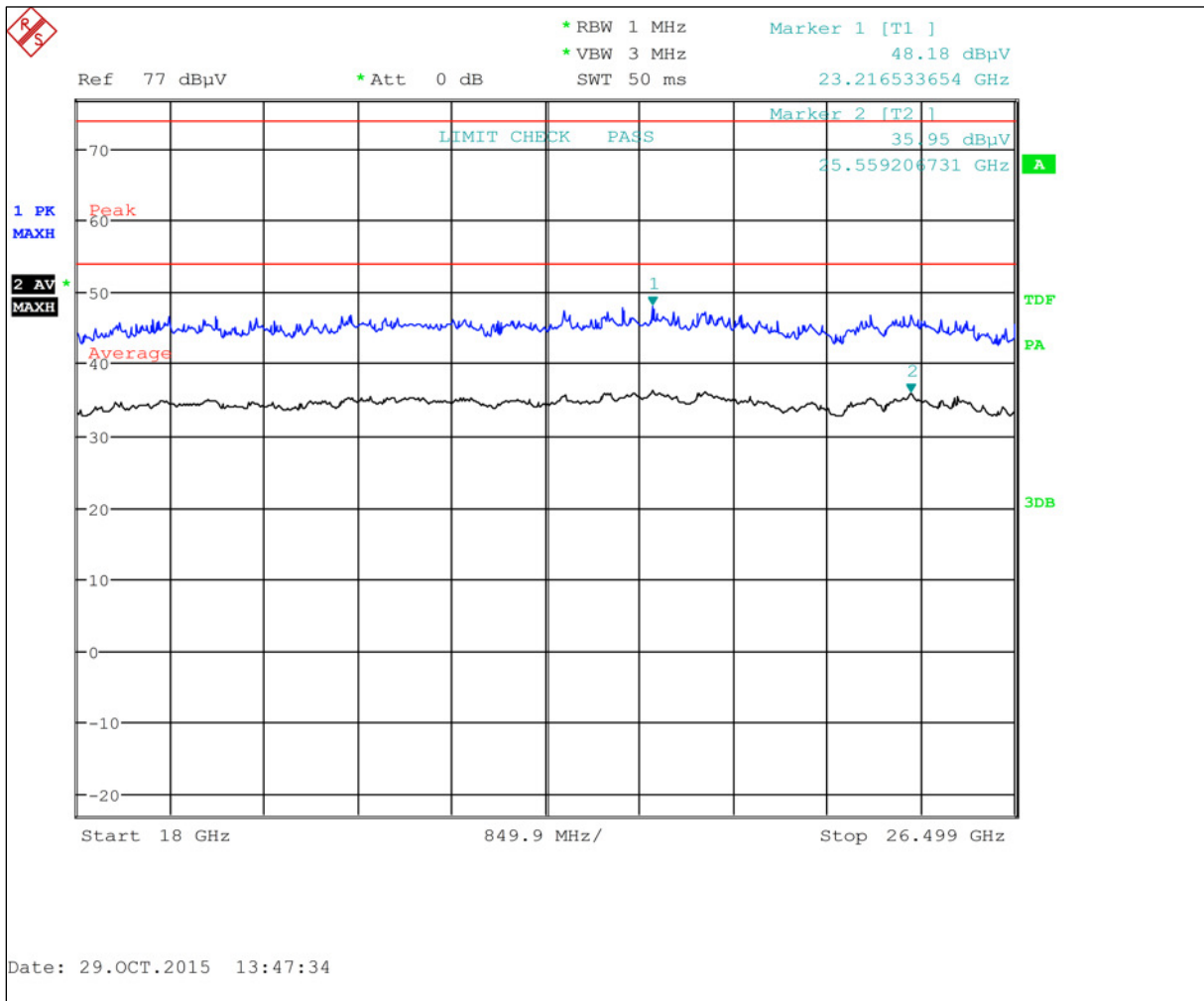
### Plot 6-520: Radiated Emissions 12 GHz – 18 GHz Horizontal Peak/Average



**Plot 6-521: Radiated Emissions 12 GHz – 18 GHz Vertical Peak/Average**



**Plot 6-522: Radiated Emissions 18 GHz – 26 GHz Horizontal Peak/Average**



**Plot 6-523: Radiated Emissions 18 GHz – 26 GHz Vertical Peak/Average**

