

6.3.2.22 Radiated Emissions Carrier Test Data - TC#8 Concrete Container

Plot 6-335: Radiated Emissions of Carrier - TC #8 Concrete Container

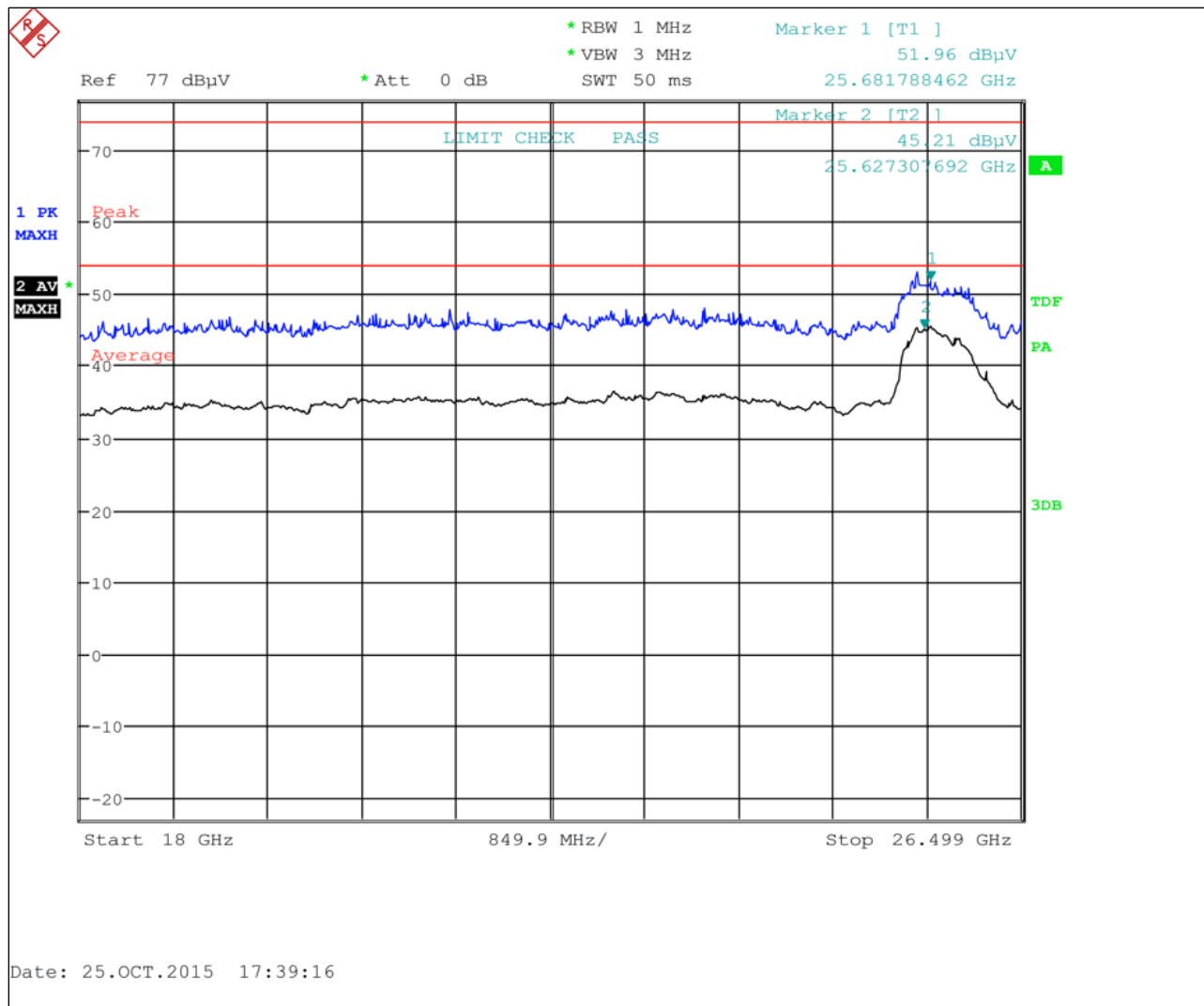
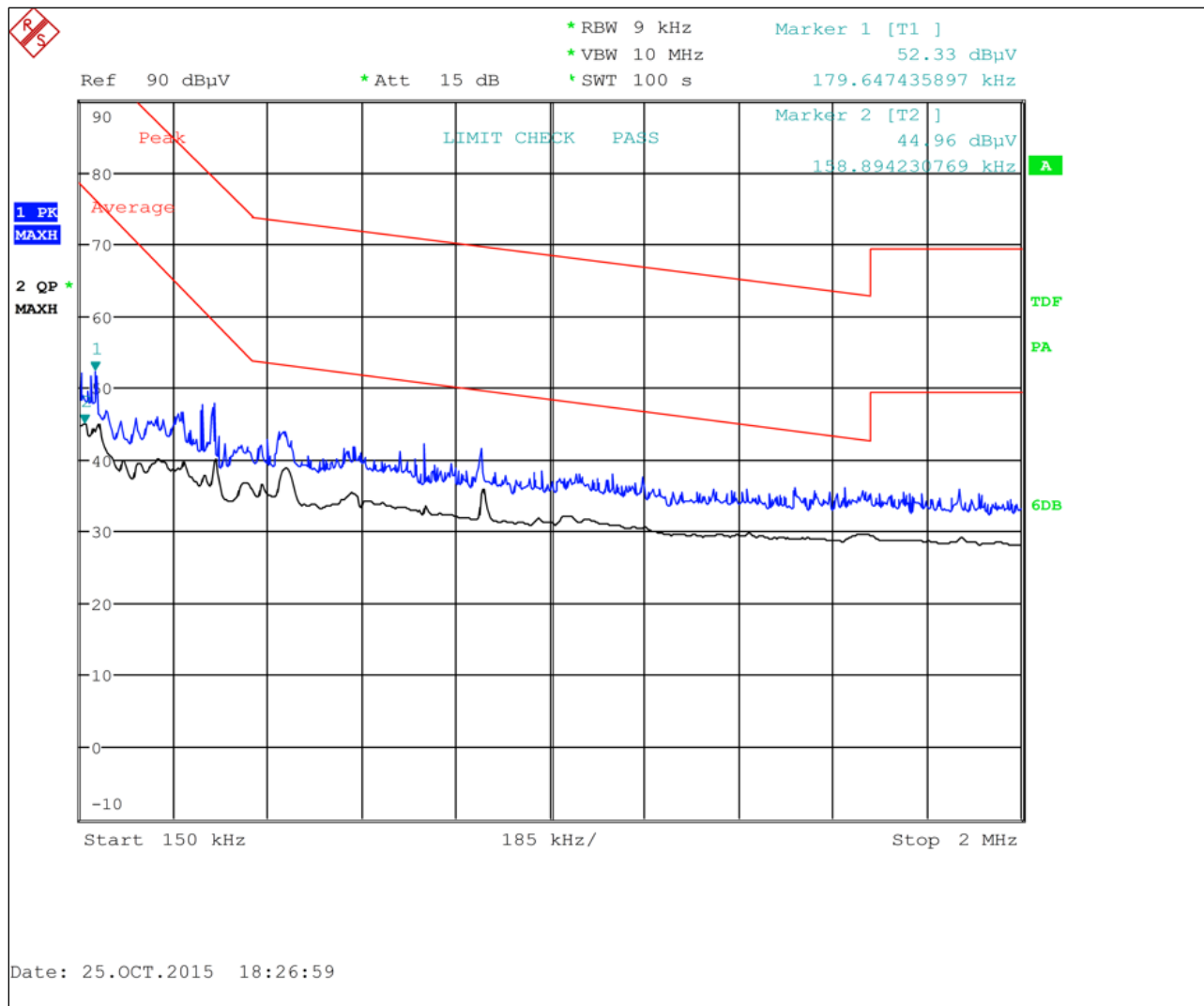


Table 6-17: Radiated Emissions of Carrier – TC #8 Concrete Container

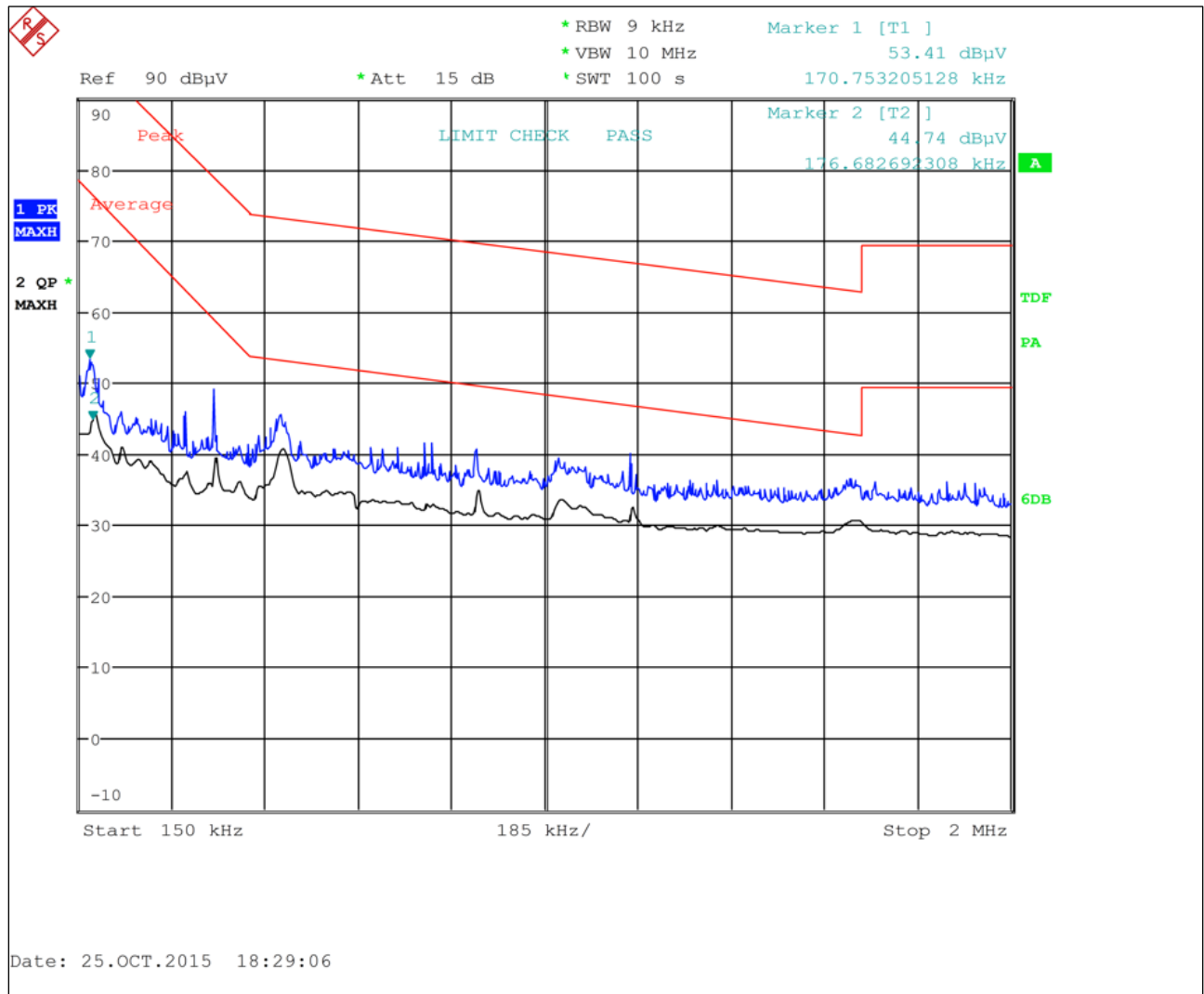
Frequency (GHz)	Detector	Test Antenna Pol	Corrected Spectrum Analyzer Level (dBμV/m)	FCC Limit (dBμV)	Margin (dB)	Corrected Spectrum Analyzer Level (dBm/MHz)	IC Limit (dBm/MHz)	Margin (dBm)
25.6818	Peak	V	52.0	74.0	-22.0	NA		
25.6273	Average	V	45.2	54.0	-8.8	-50.0	-41.3	8.7

6.3.2.23 Radiated Emissions Below 1 GHz Test Data – TC#8 Concrete Container

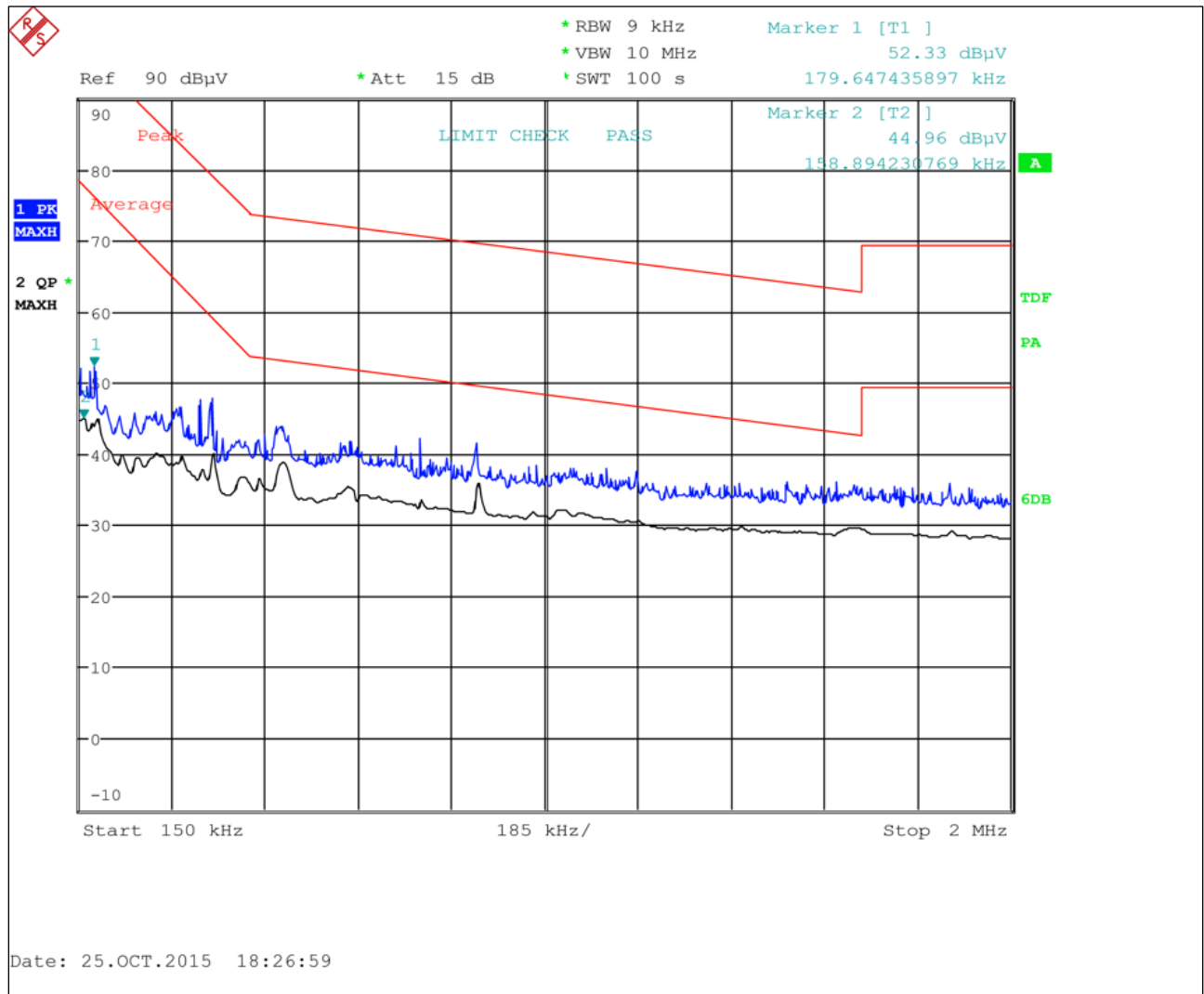
Plot 6-336: Radiated Emissions Transmit – 9 kHz – 150 kHz Horizontal Peak/Average



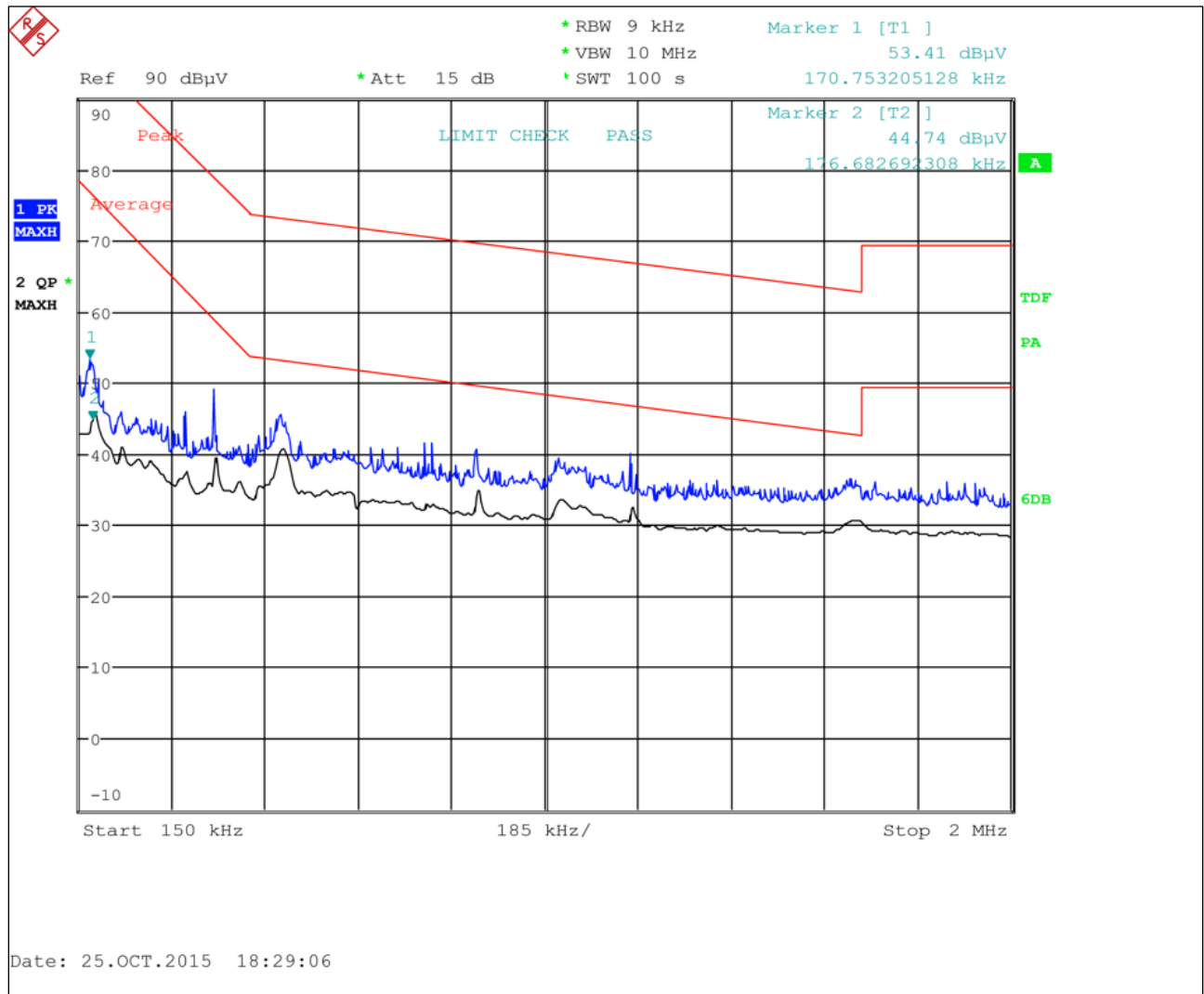
Plot 6-337: Radiated Emissions Transmit – 9 kHz – 150 kHz Vertical Peak/Average



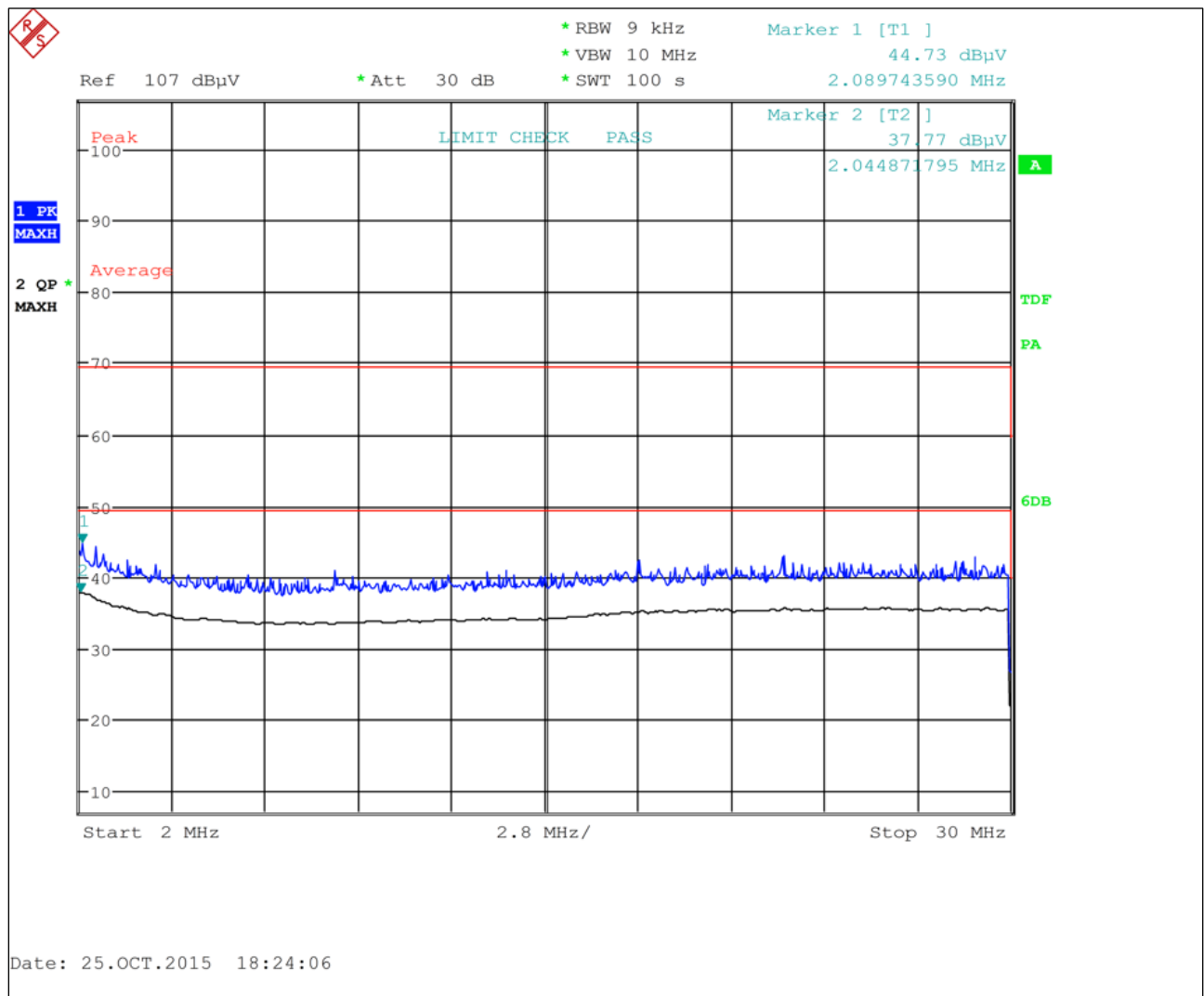
Plot 6-338: Radiated Emissions Transmit – 150 kHz – 2 MHz Horizontal Peak/Average



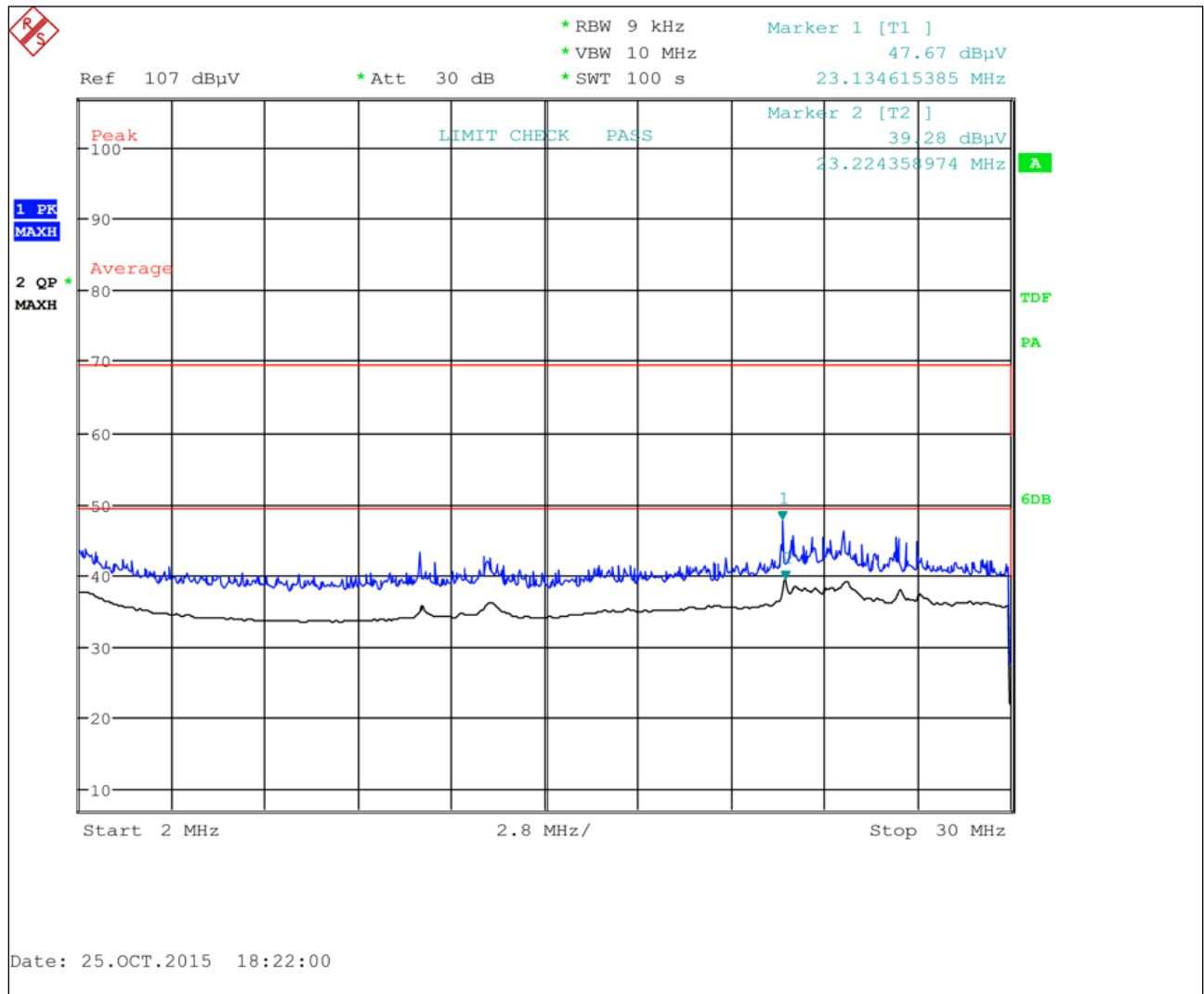
Plot 6-339: Radiated Emissions Transmit – 150 kHz – 2 MHz Vertical Peak/Average



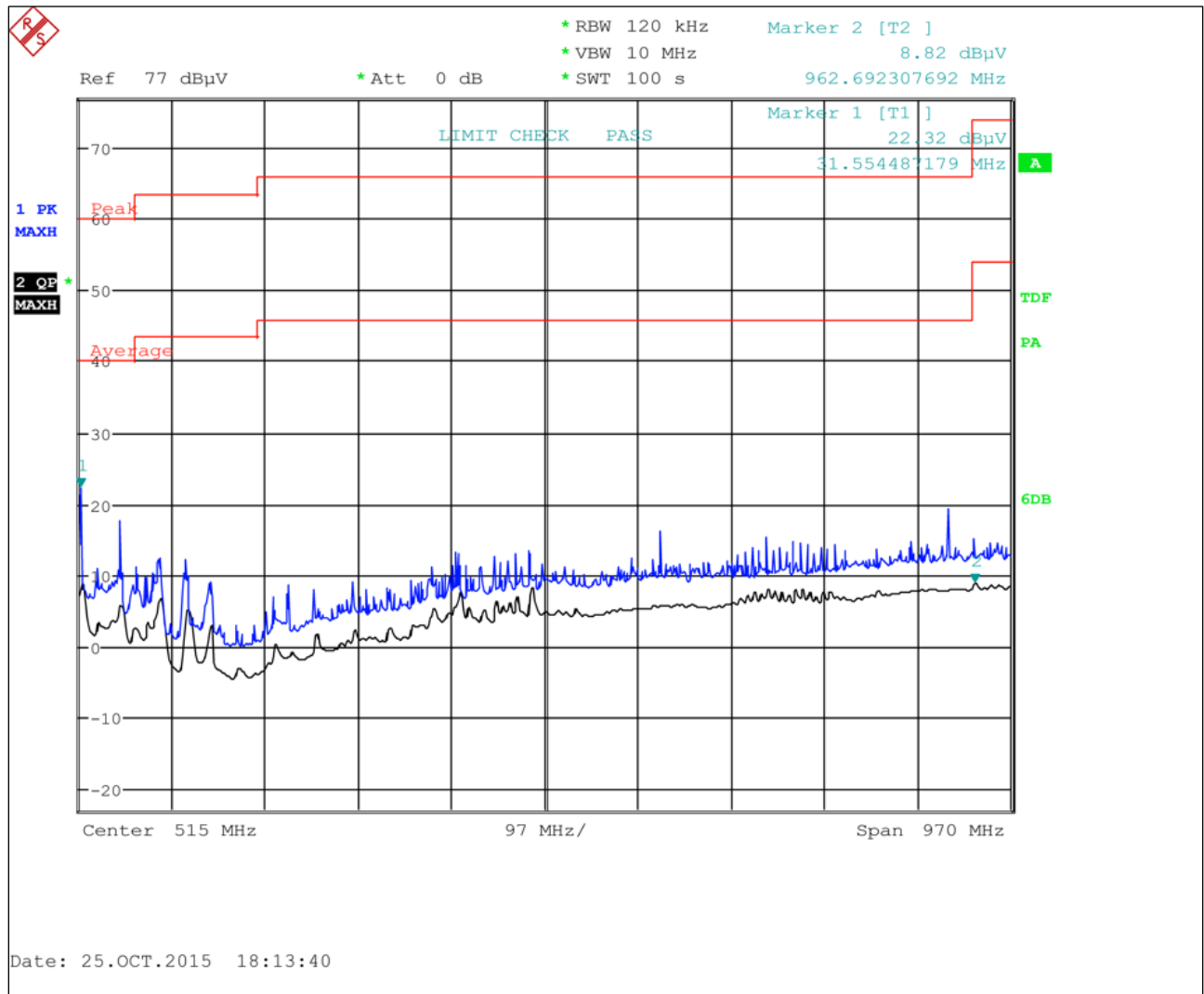
Plot 6-340: Radiated Emissions Transmit – 2 MHz – 30 MHz Horizontal Peak/Average



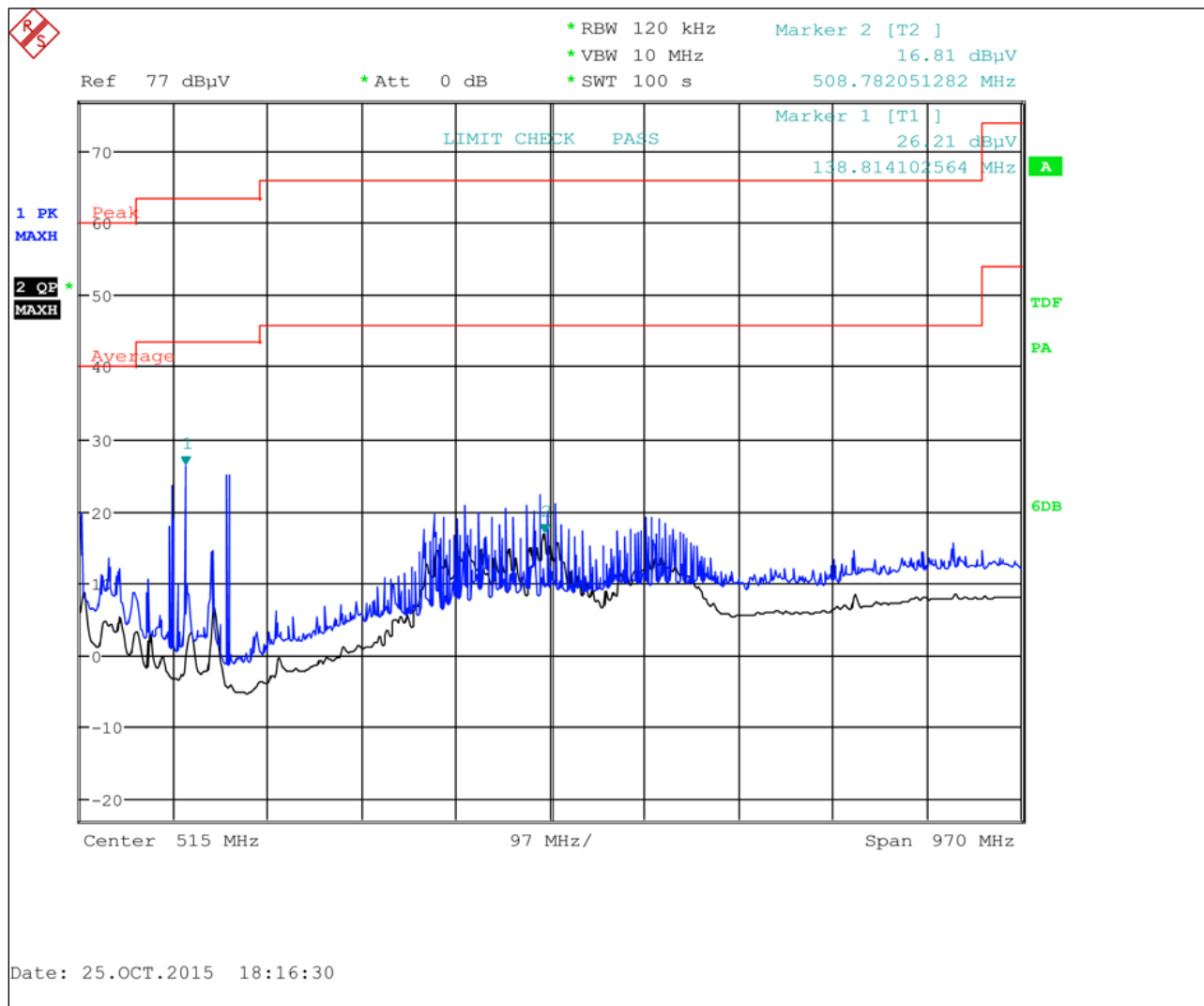
Plot 6-341: Radiated Emissions Transmit – 2 MHz – 30 MHz Vertical Peak/Average



Plot 6-342: Radiated Emissions Transmit – 30 MHz – 1 GHz Horizontal Peak/Average



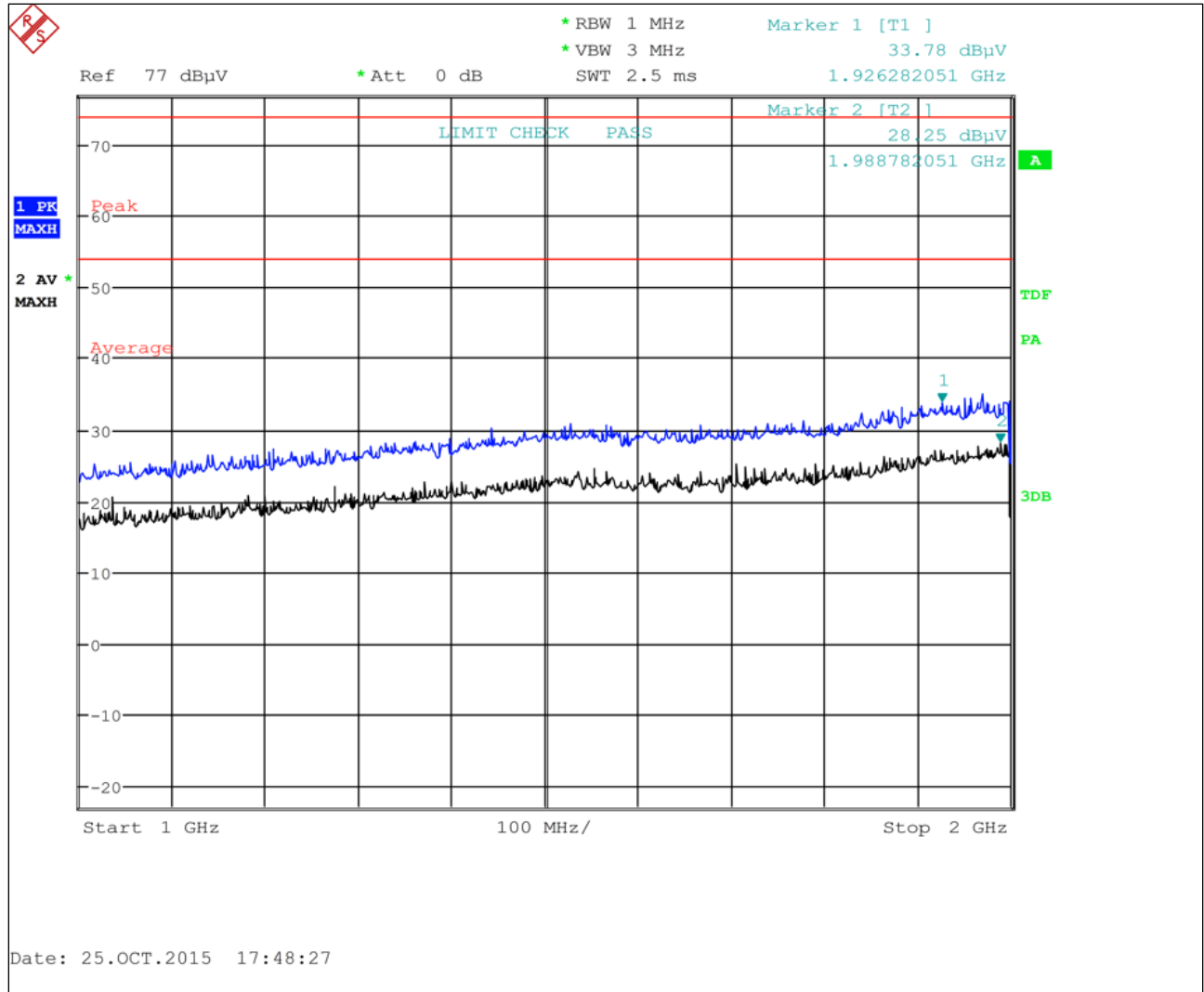
Plot 6-343: Radiated Emissions Transmit – 30 MHz – 1 GHz Vertical Peak/Average



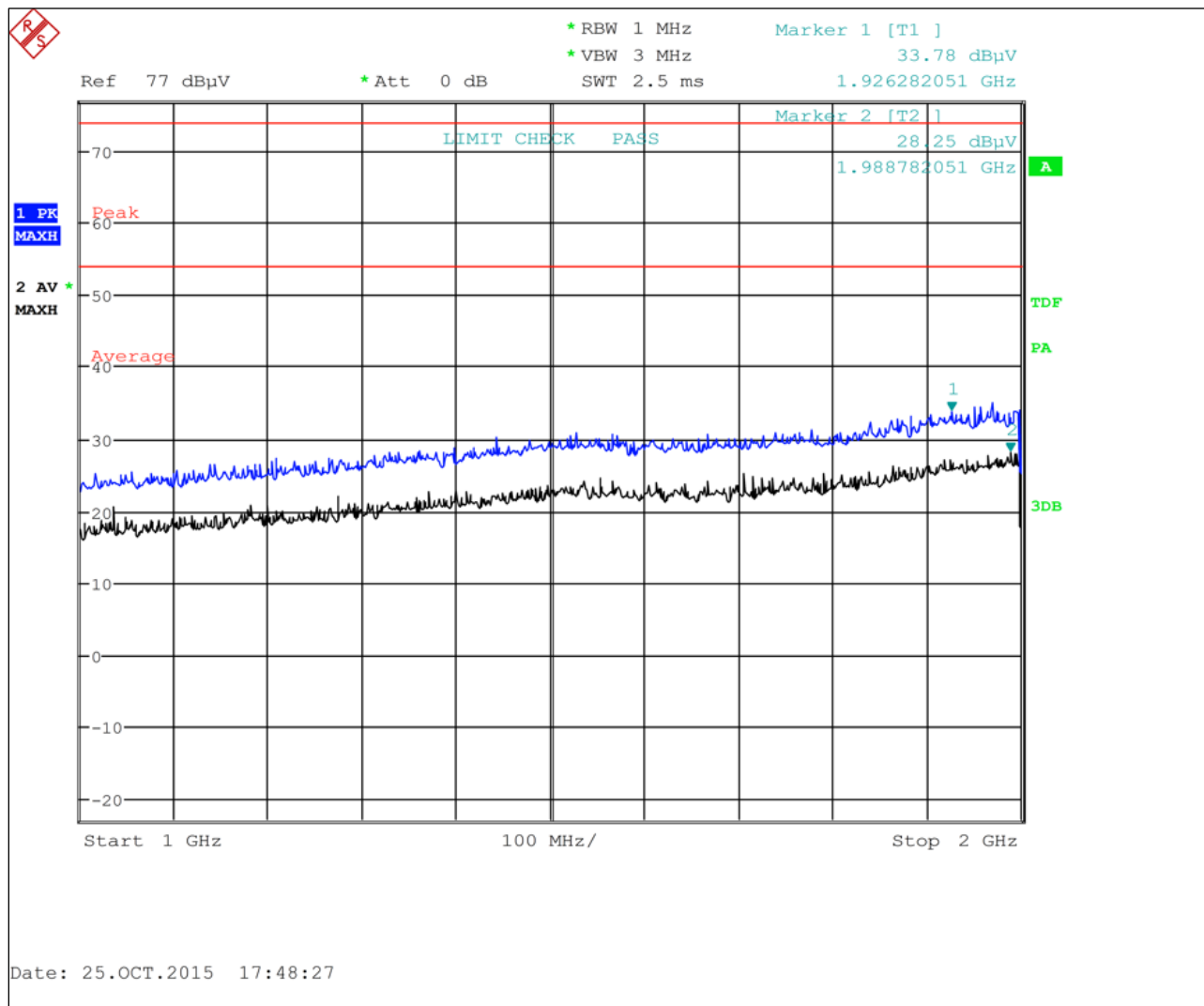
Note: Unwanted emissions were investigated as a digital device (other than harmonics) as required by 15.33(a)(3).

6.3.2.24 Radiated Emissions 1 GHz – 26 GHz Test Data – TC#8 Concrete Container

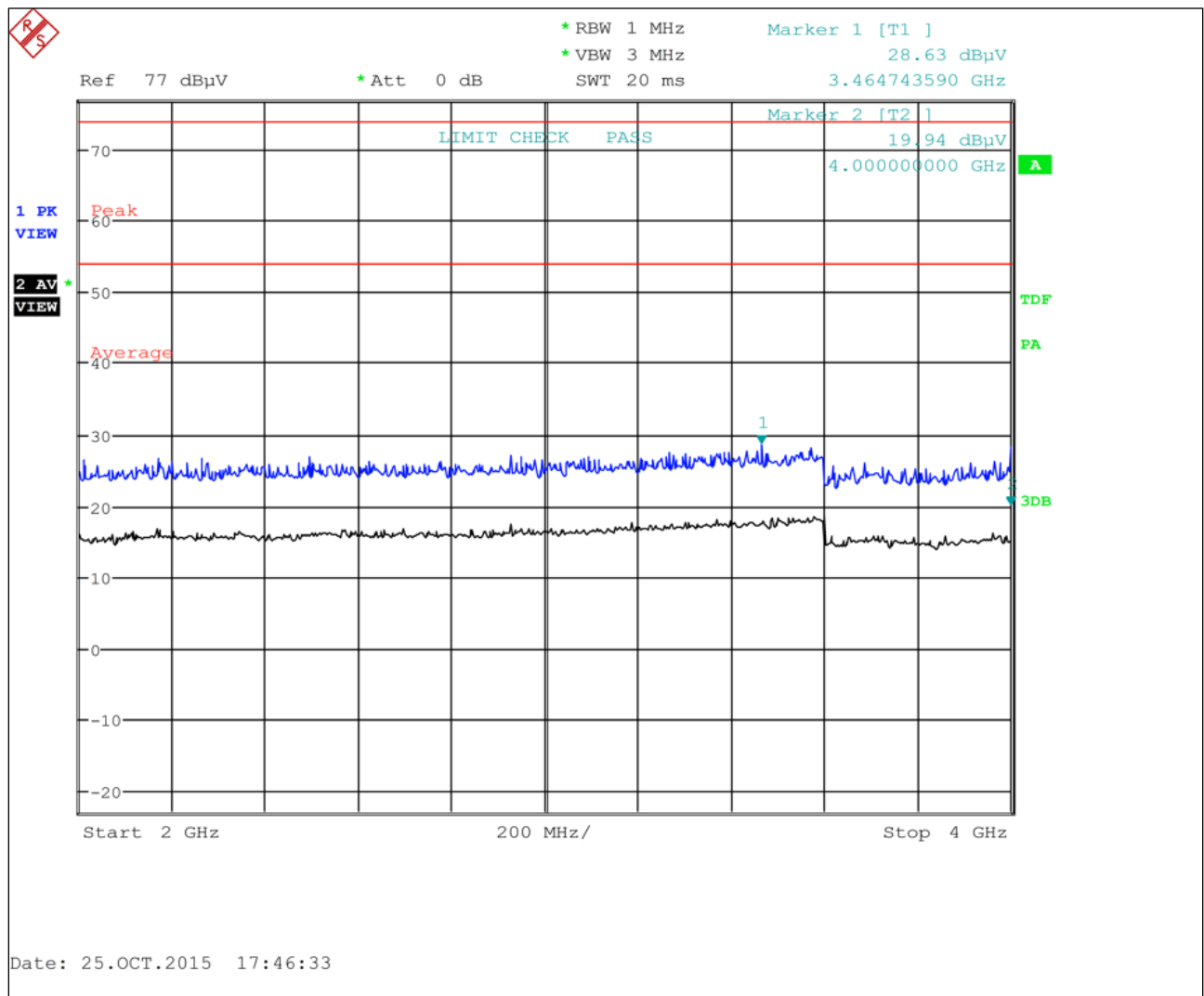
Plot 6-344: Radiated Emissions 1 GHz – 2 GHz Horizontal Peak/Average



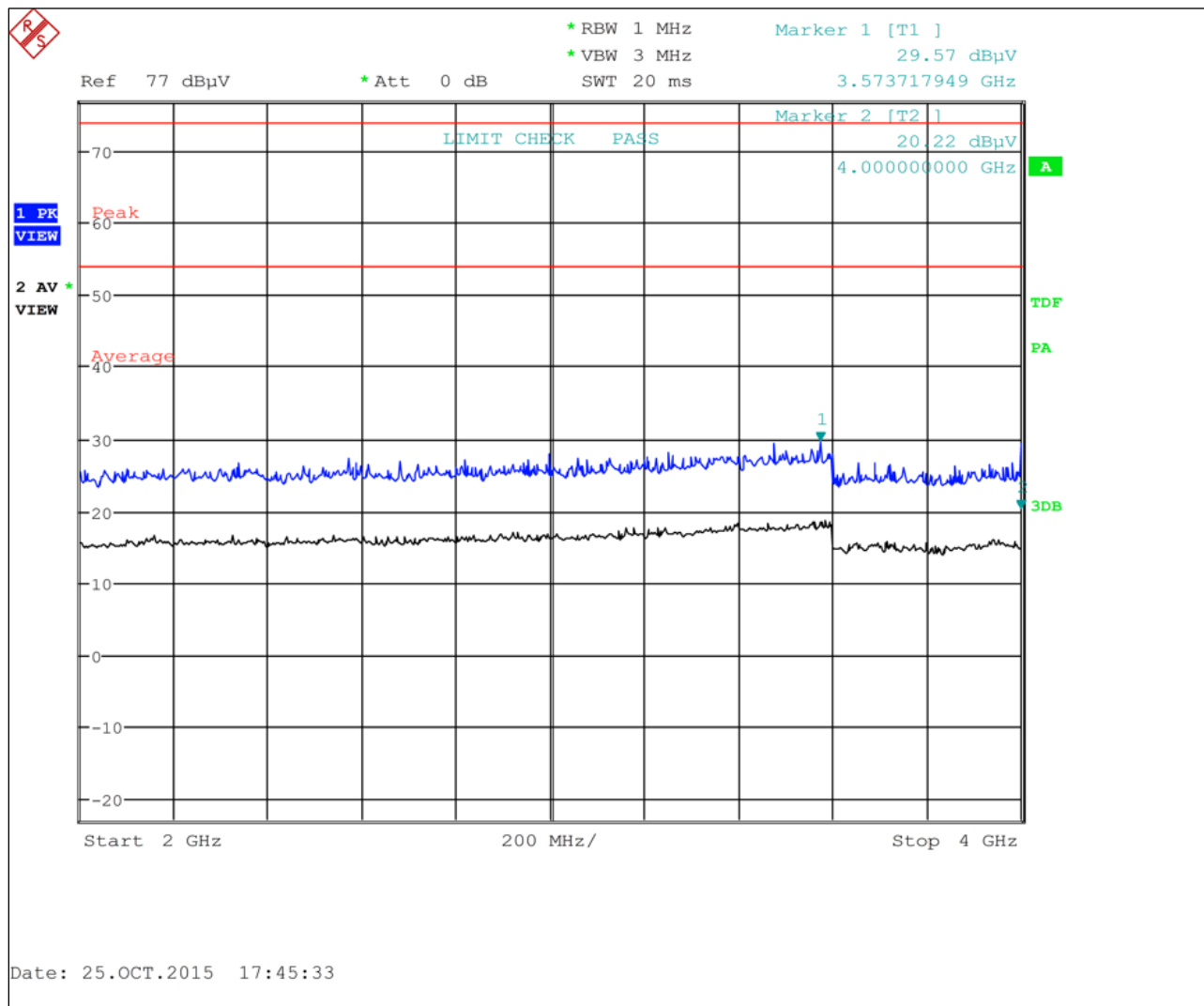
Plot 6-345: Radiated Emissions 1 GHz – 2 GHz Vertical Peak/Average



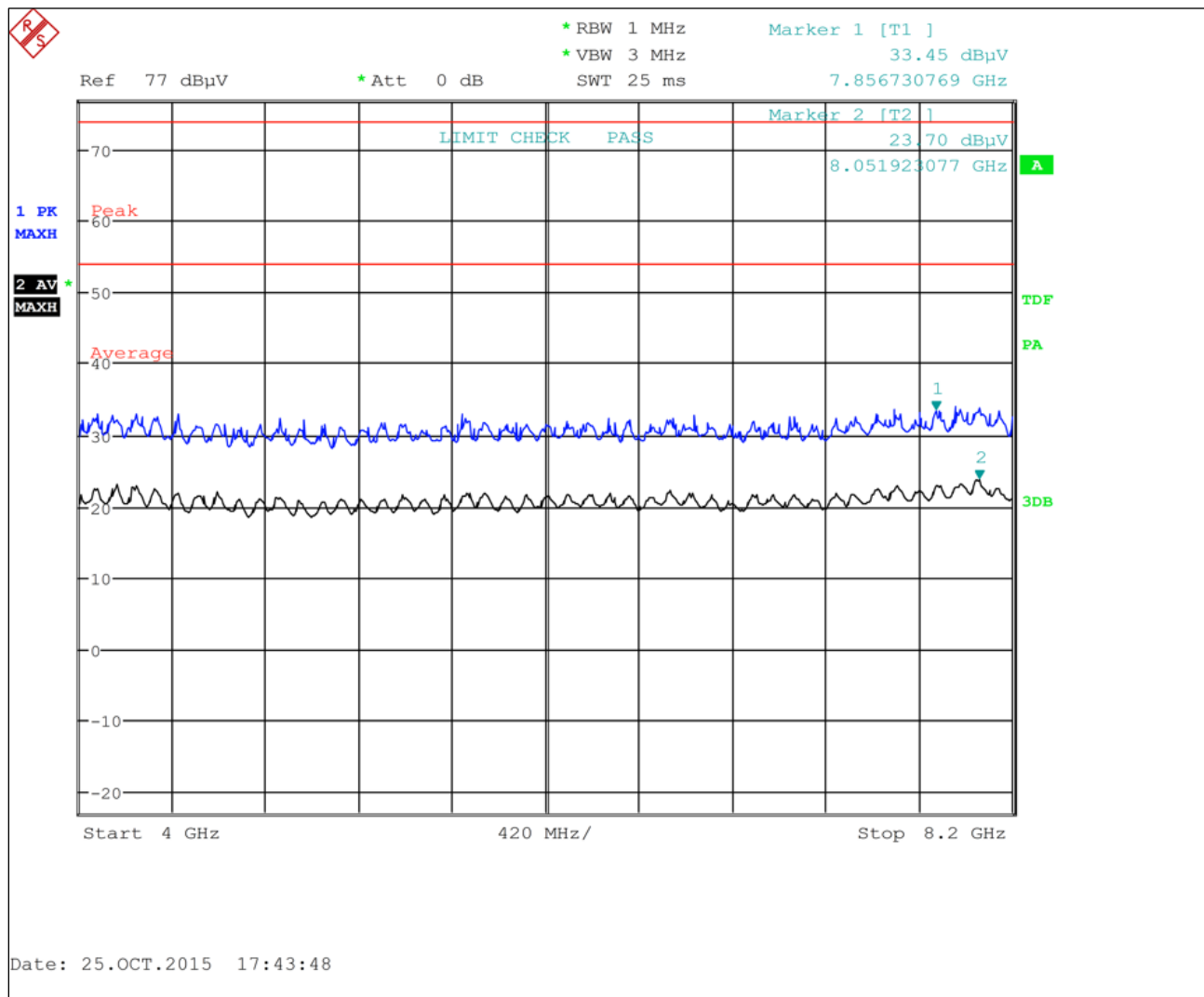
Plot 6-346: Radiated Emissions 2 GHz – 4 GHz Horizontal Peak/Average



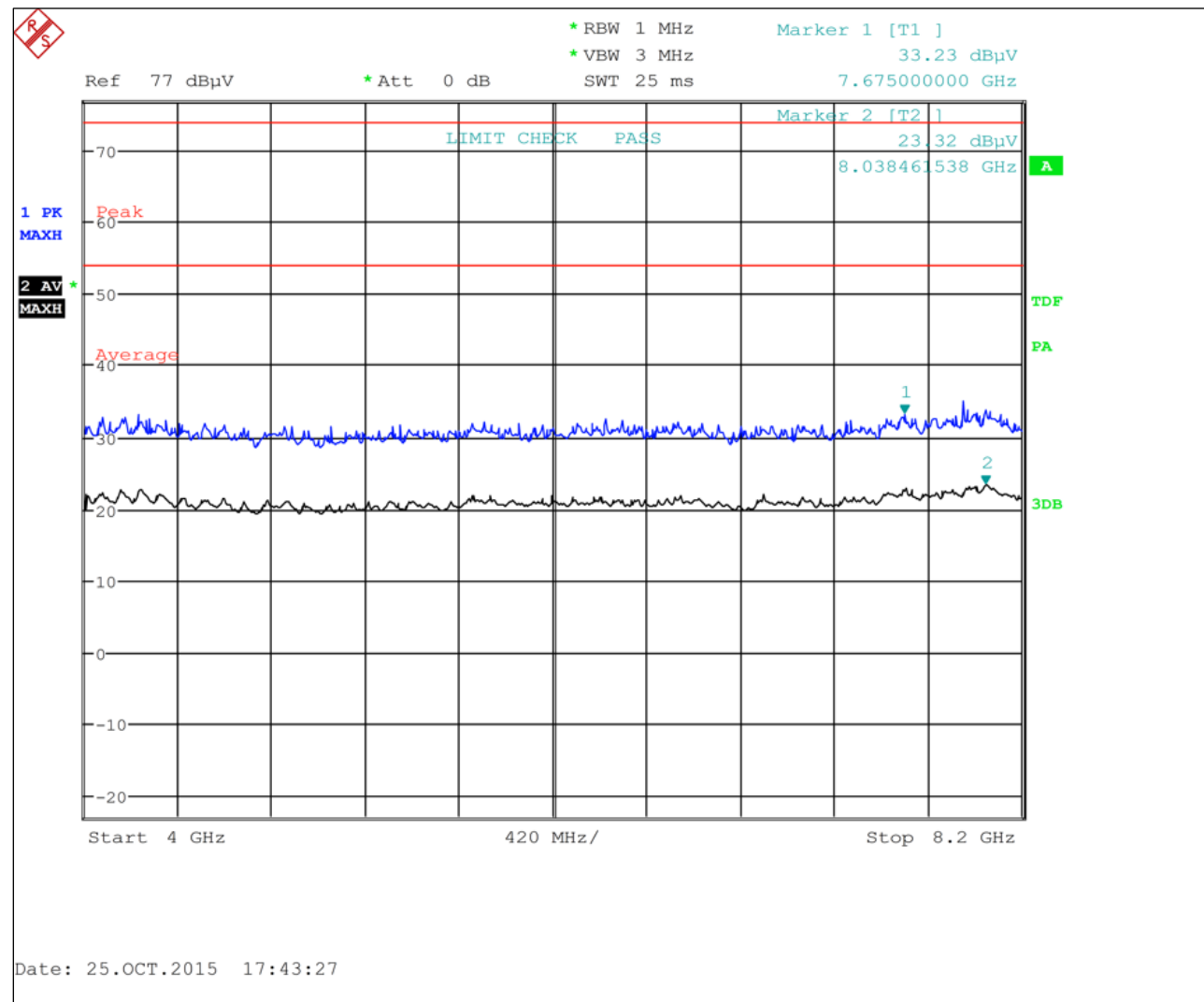
Plot 6-347: Radiated Emissions 2 GHz – 4 GHz Vertical Peak/Average



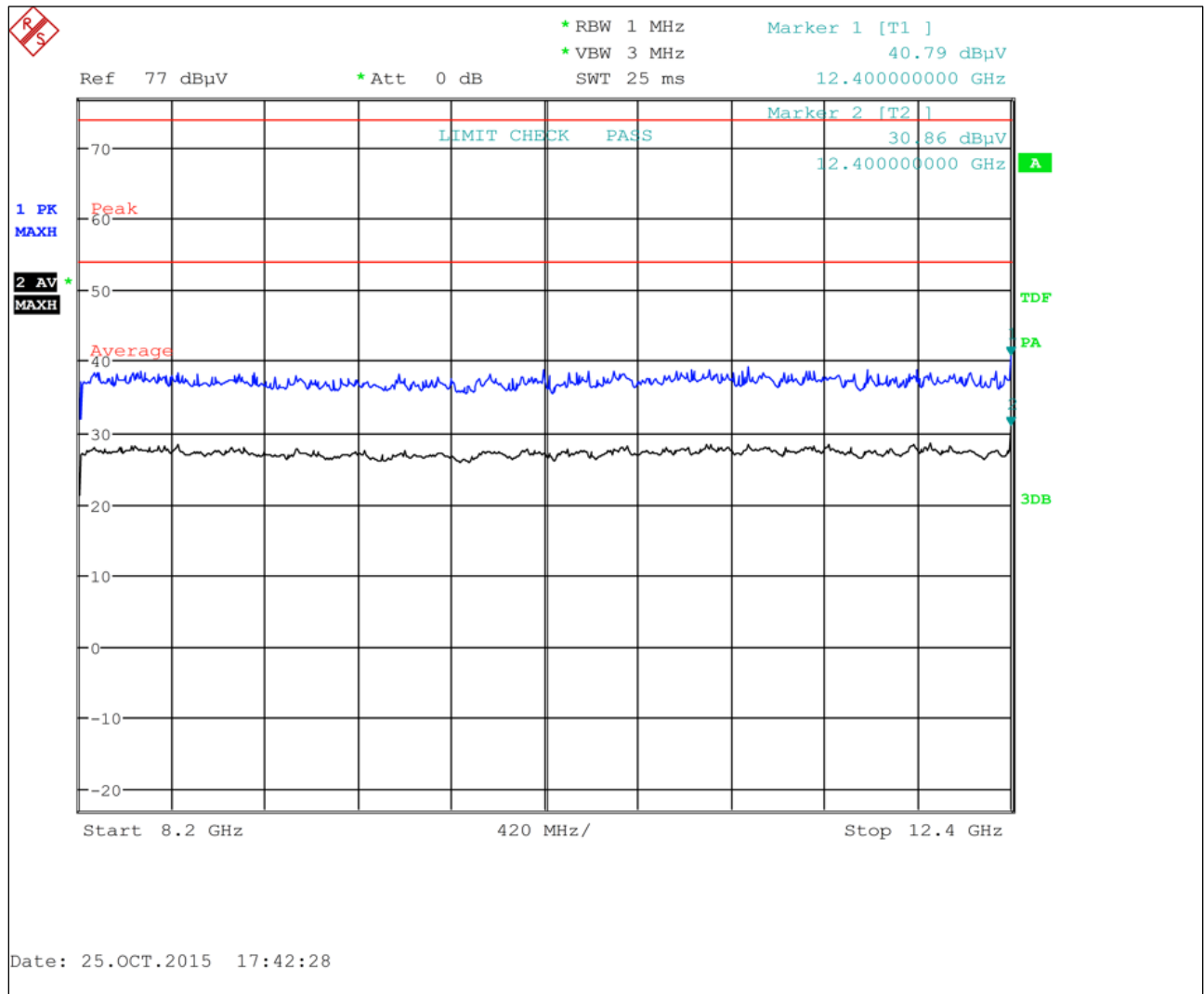
Plot 6-348: Radiated Emissions 4 GHz – 8 GHz Horizontal Peak/Average



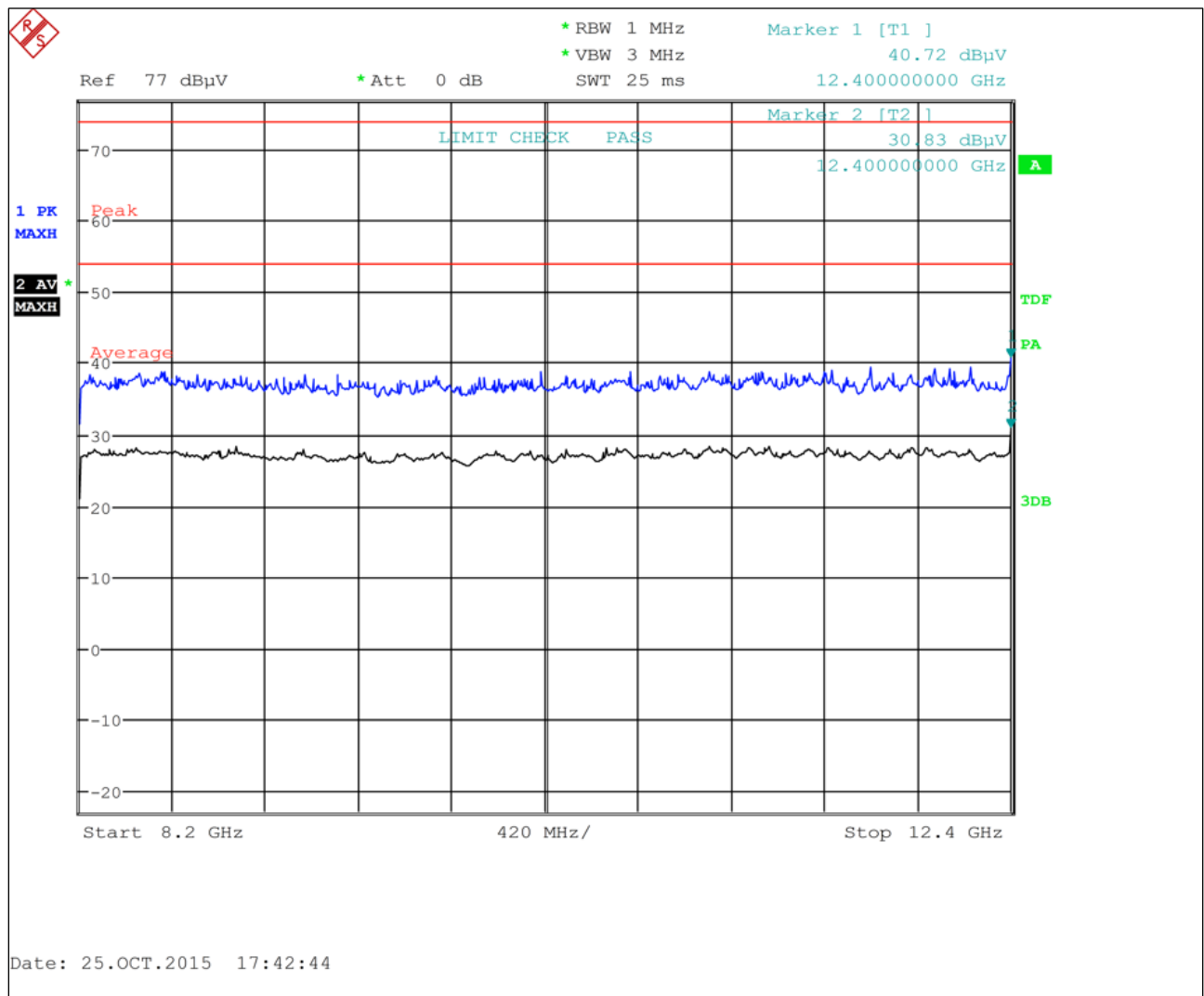
Plot 6-349: Radiated Emissions 4 GHz – 8 GHz Vertical Peak/Average



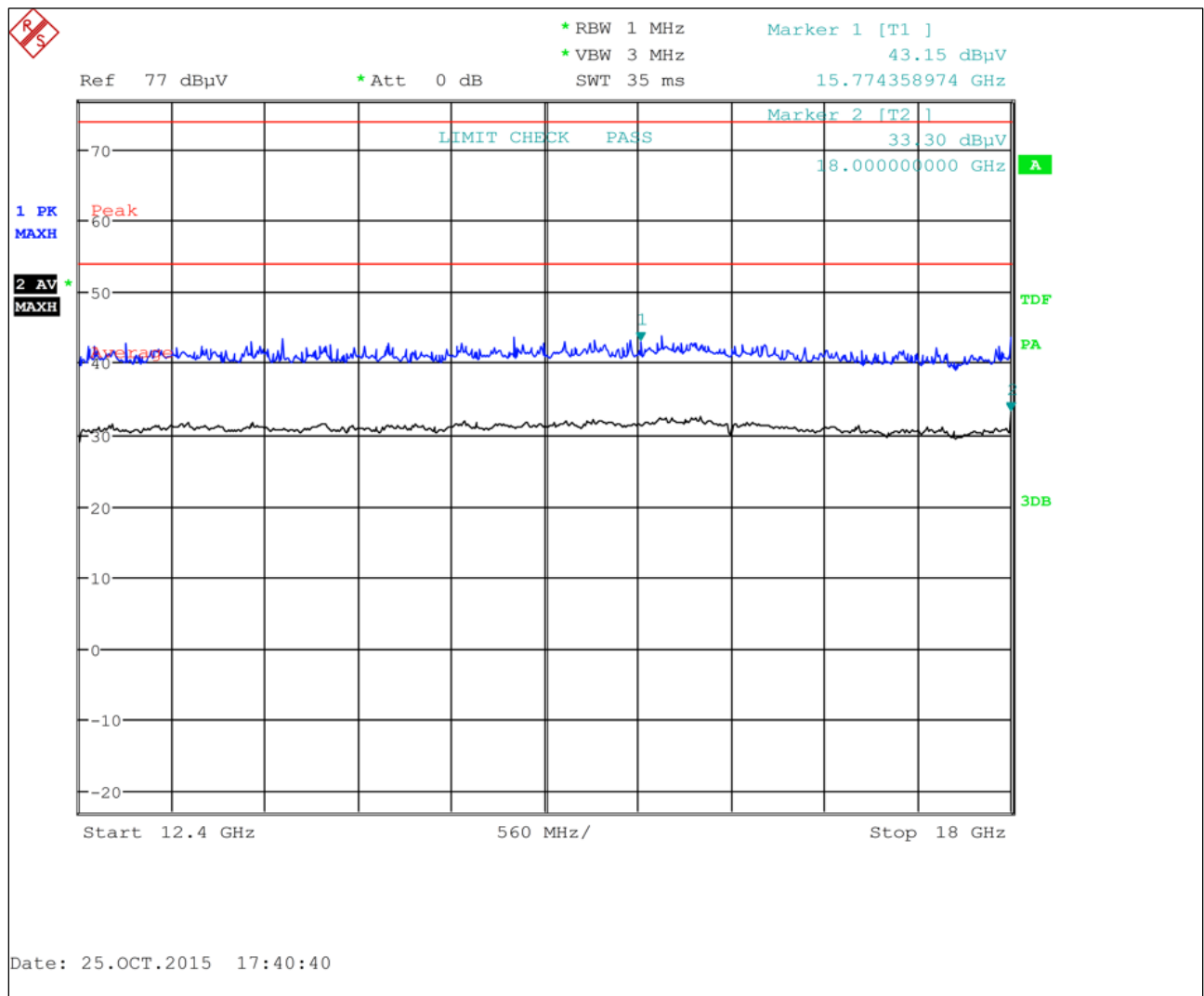
Plot 6-350: Radiated Emissions 8 GHz – 12 GHz Horizontal Peak/Average



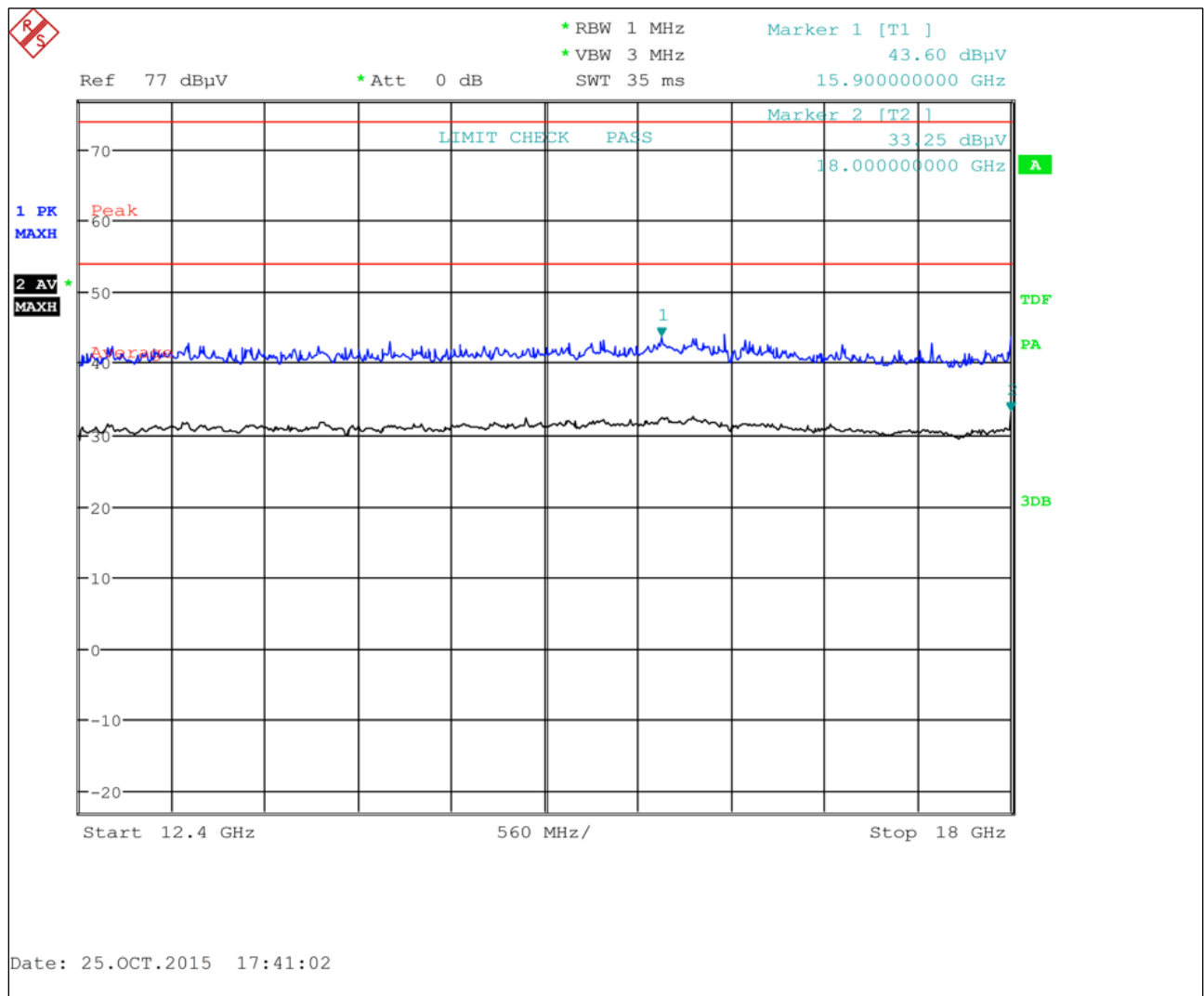
Plot 6-351: Radiated Emissions 8 GHz – 12 GHz Vertical Peak/Average



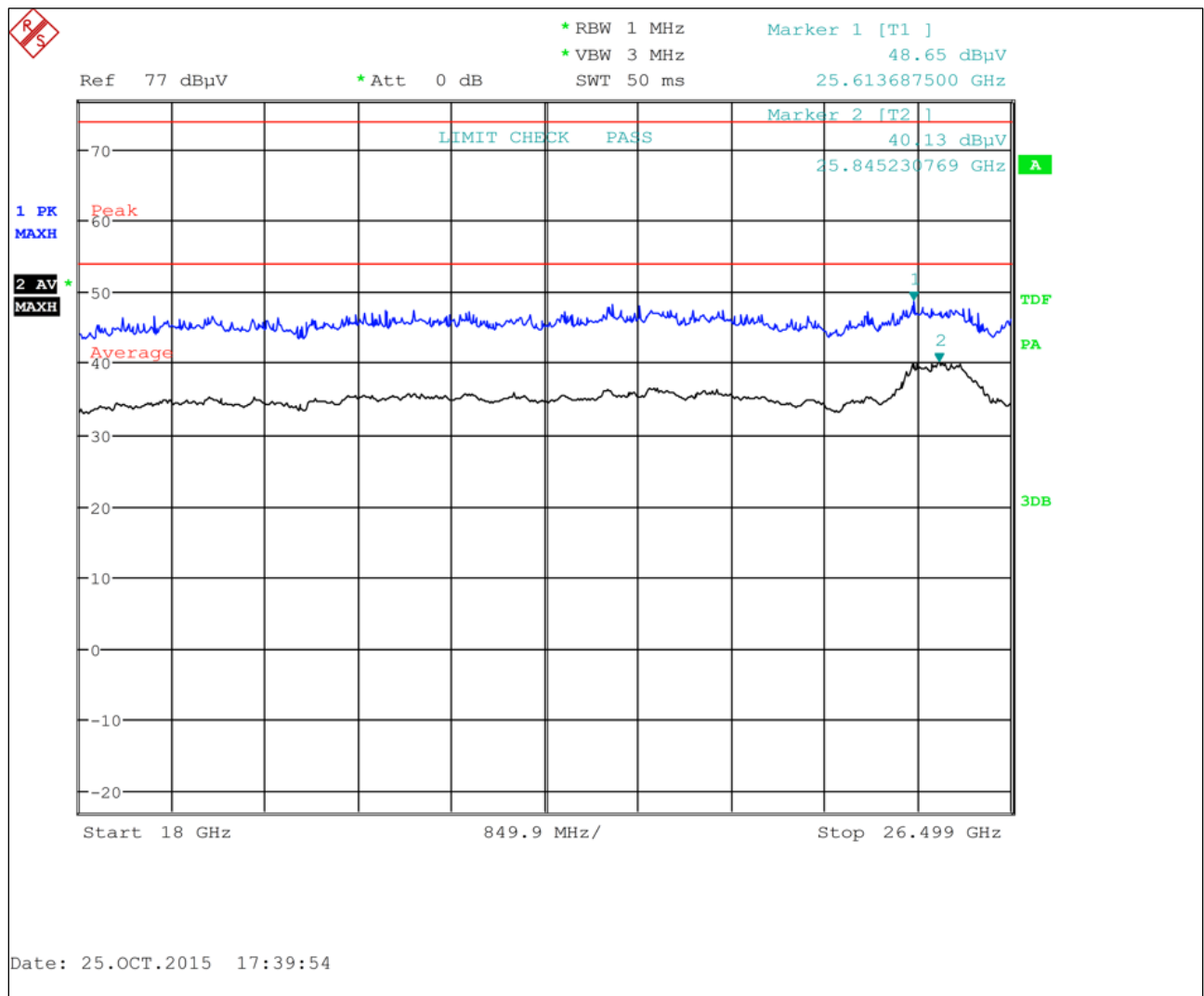
Plot 6-352: Radiated Emissions 12 GHz – 18 GHz Horizontal Peak/Average



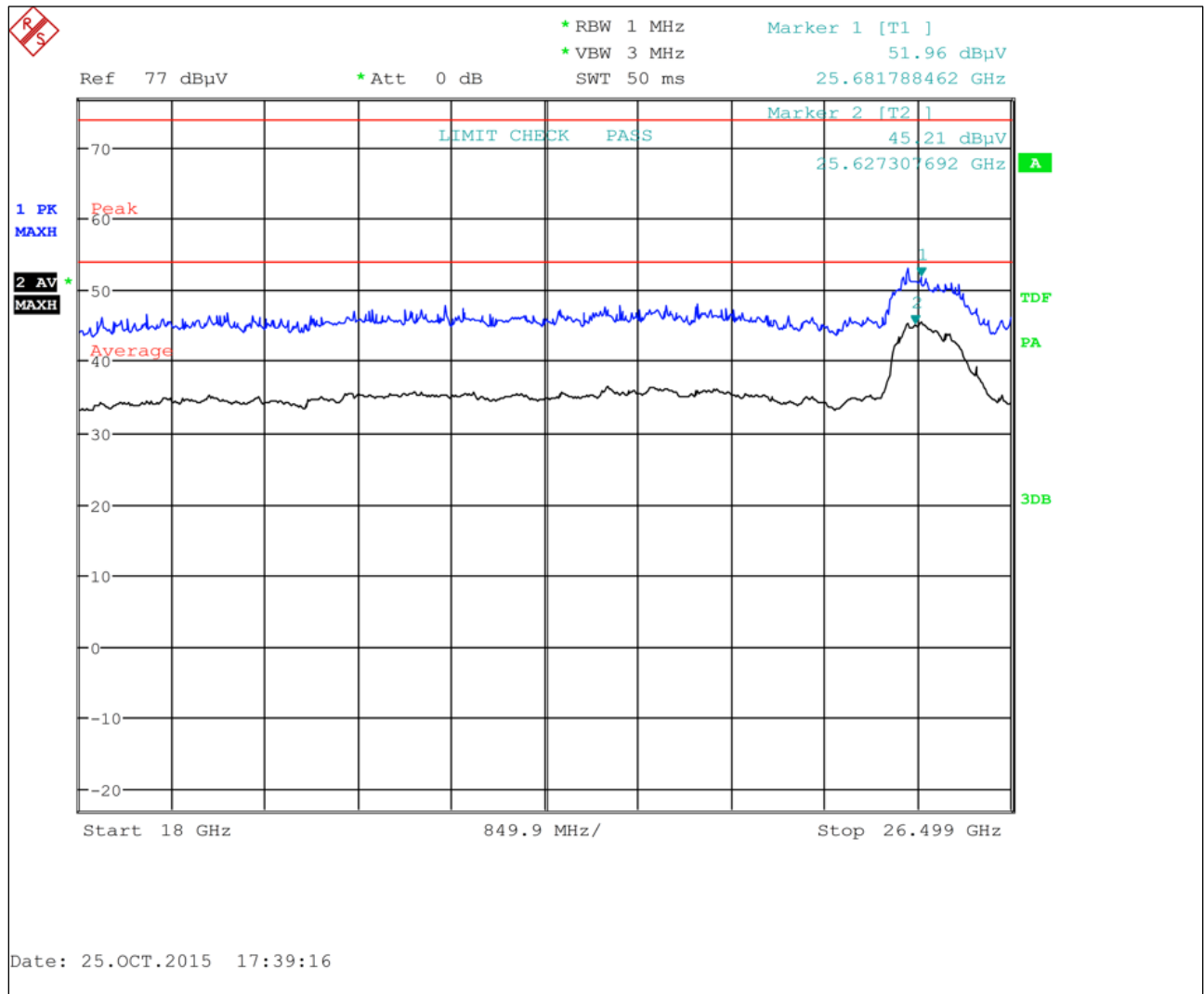
Plot 6-353: Radiated Emissions 12 GHz – 18 GHz Vertical Peak/Average



Plot 6-354: Radiated Emissions 18 GHz – 26 GHz Horizontal Peak/Average



Plot 6-355: Radiated Emissions 18 GHz – 26 GHz Vertical Peak/Average



6.3.2.25 Radiated Emissions Carrier Test Data - TC#9 Concrete Container

Plot 6-356: Radiated Emissions of Carrier - TC #9 Concrete Container

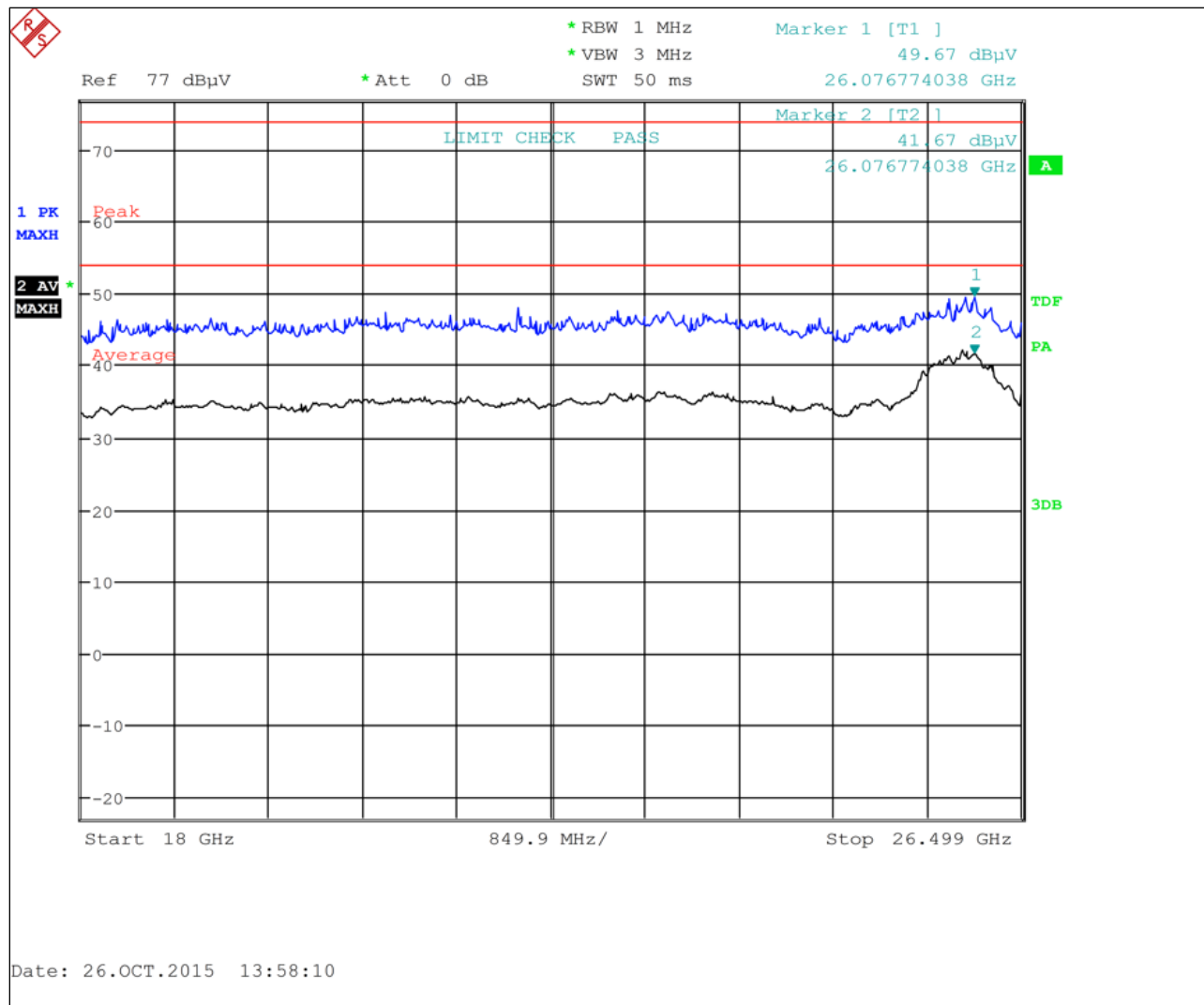
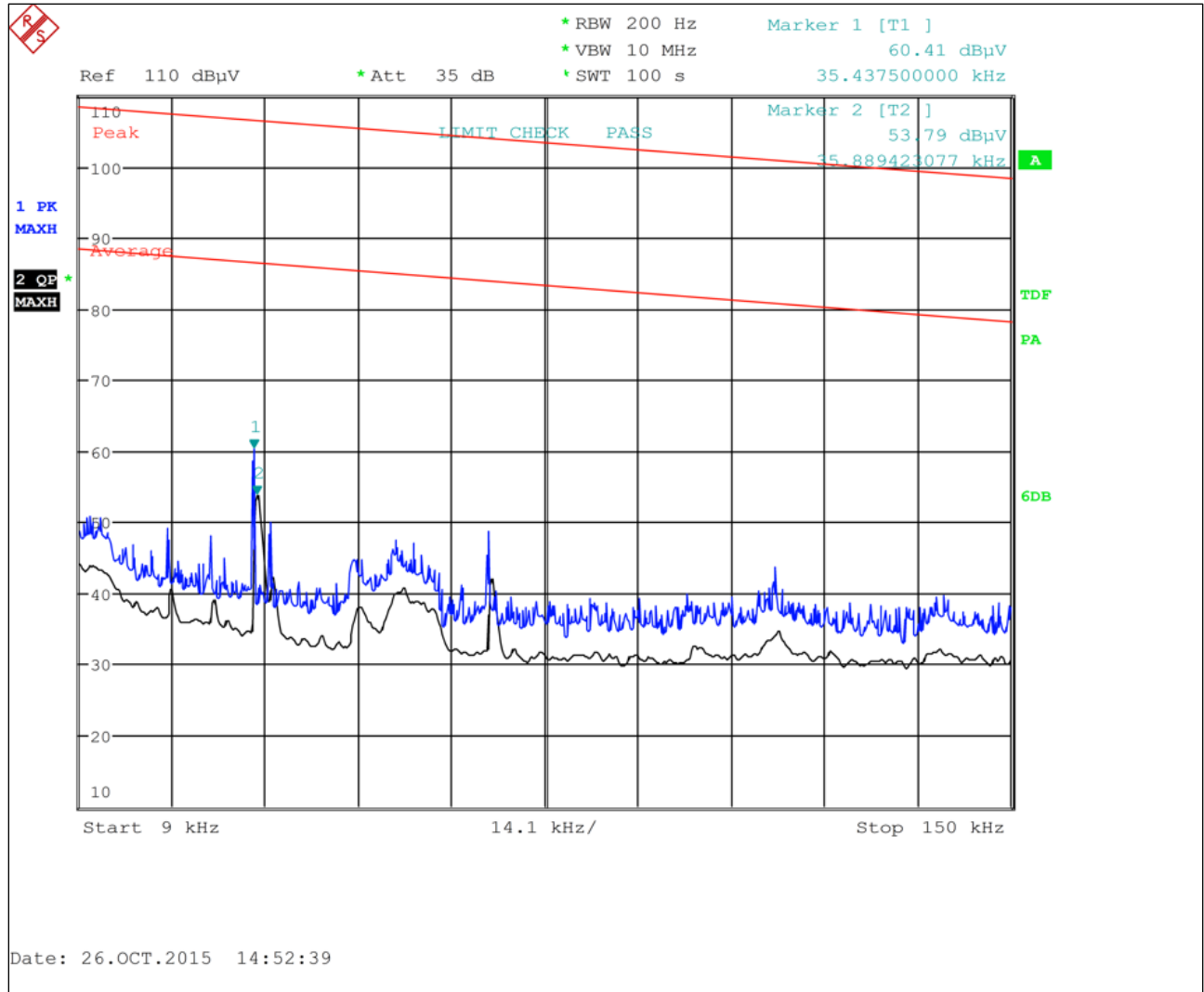


Table 6-18: Radiated Emissions of Carrier – TC #9 Concrete Container

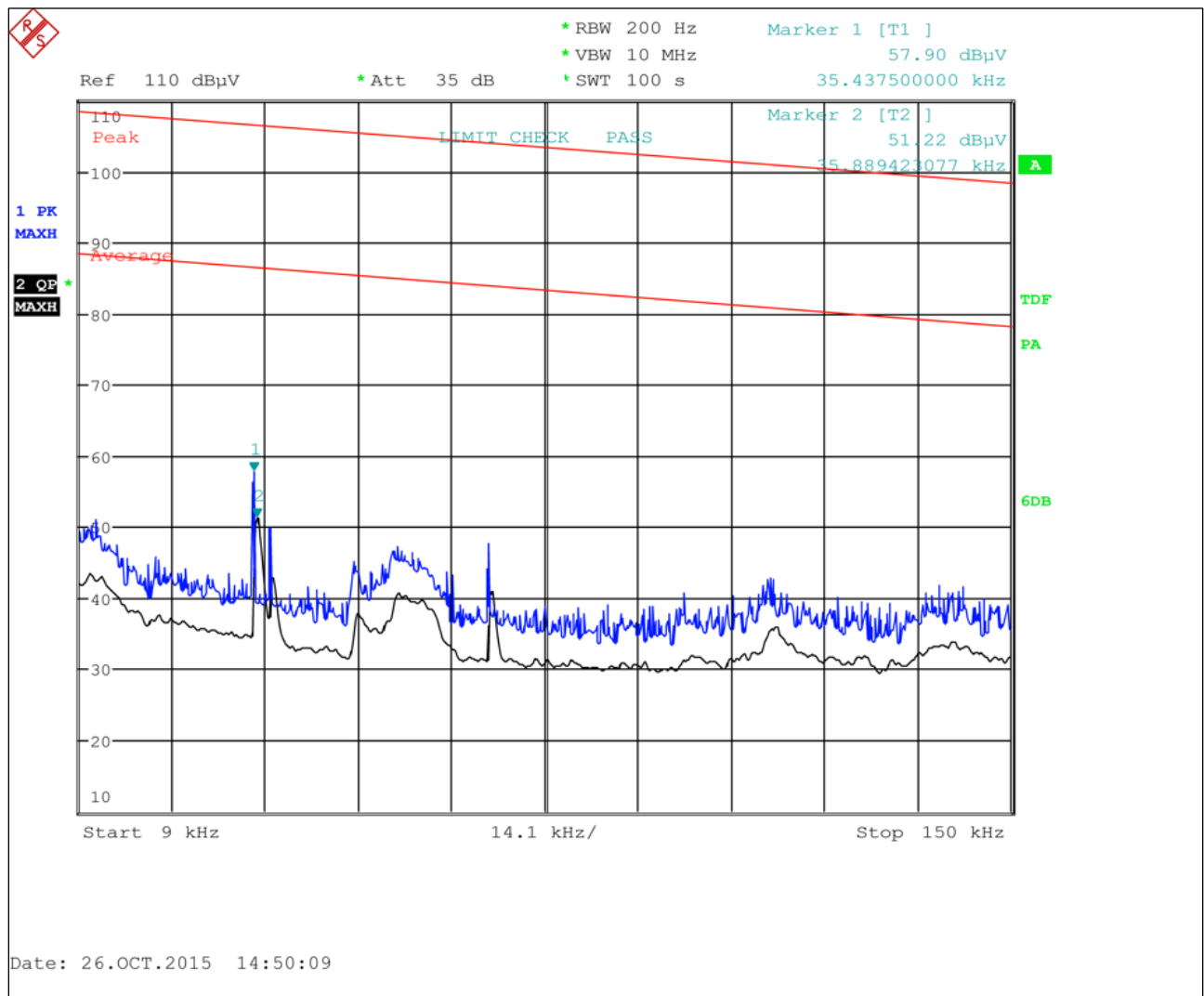
Frequency (GHz)	Detector	Test Antenna Pol	Corrected Spectrum Analyzer Level (dBμV/m)	FCC Limit (dBμV)	Margin (dB)	Corrected Spectrum Analyzer Level (dBm/MHz)	IC Limit (dBm/MHz)	Margin (dBm)
26.0767	Peak	V	49.7	74.0	-24.3	NA		
26.0767	Average	V	41.7	54.0	-12.1	-53.5	-41.3	12.1

6.3.2.26 Radiated Emissions Below 1 GHz Test Data – TC#9 Concrete Container

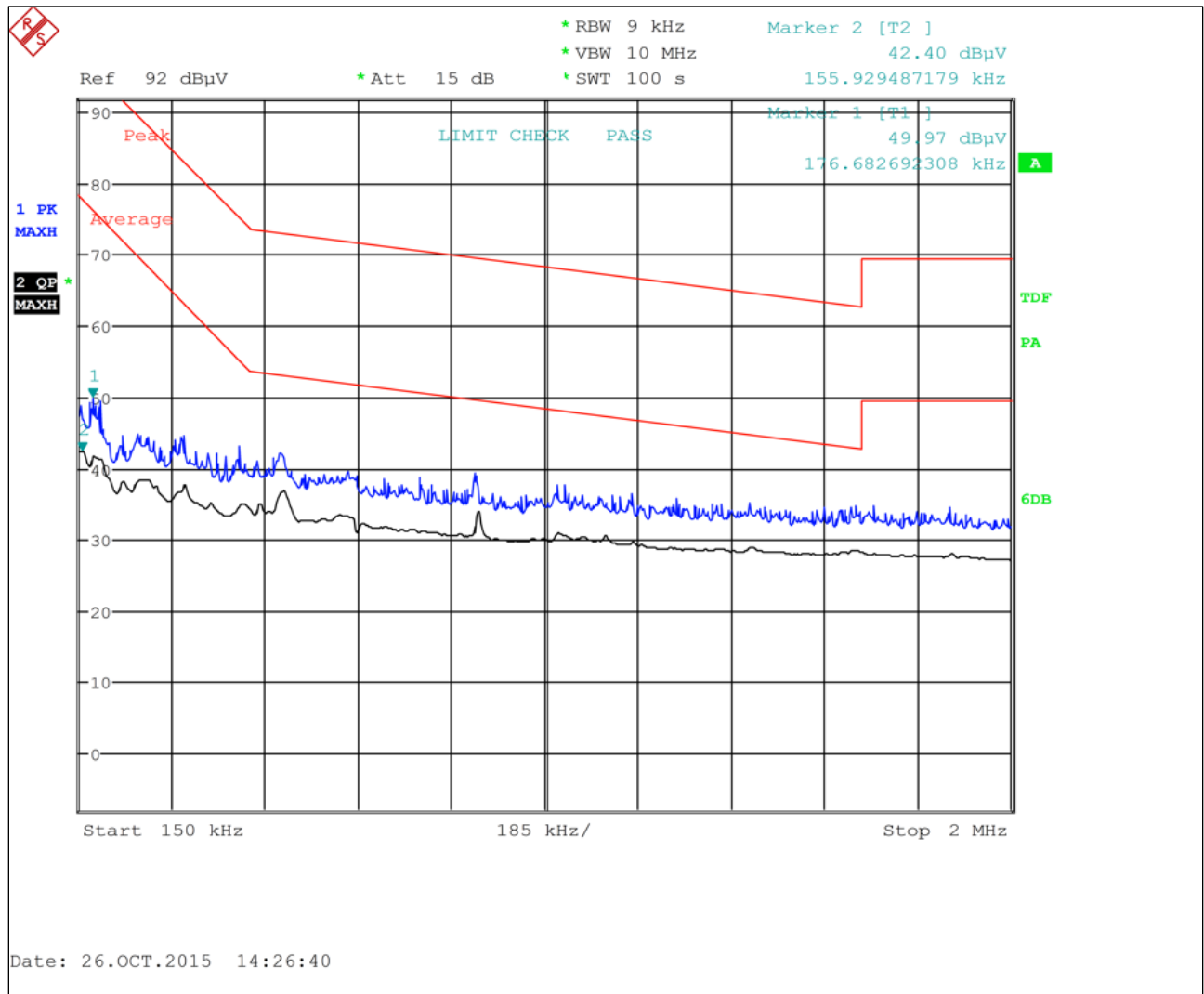
Plot 6-357: Radiated Emissions Transmit – 9 kHz – 150 kHz Horizontal Peak/Average



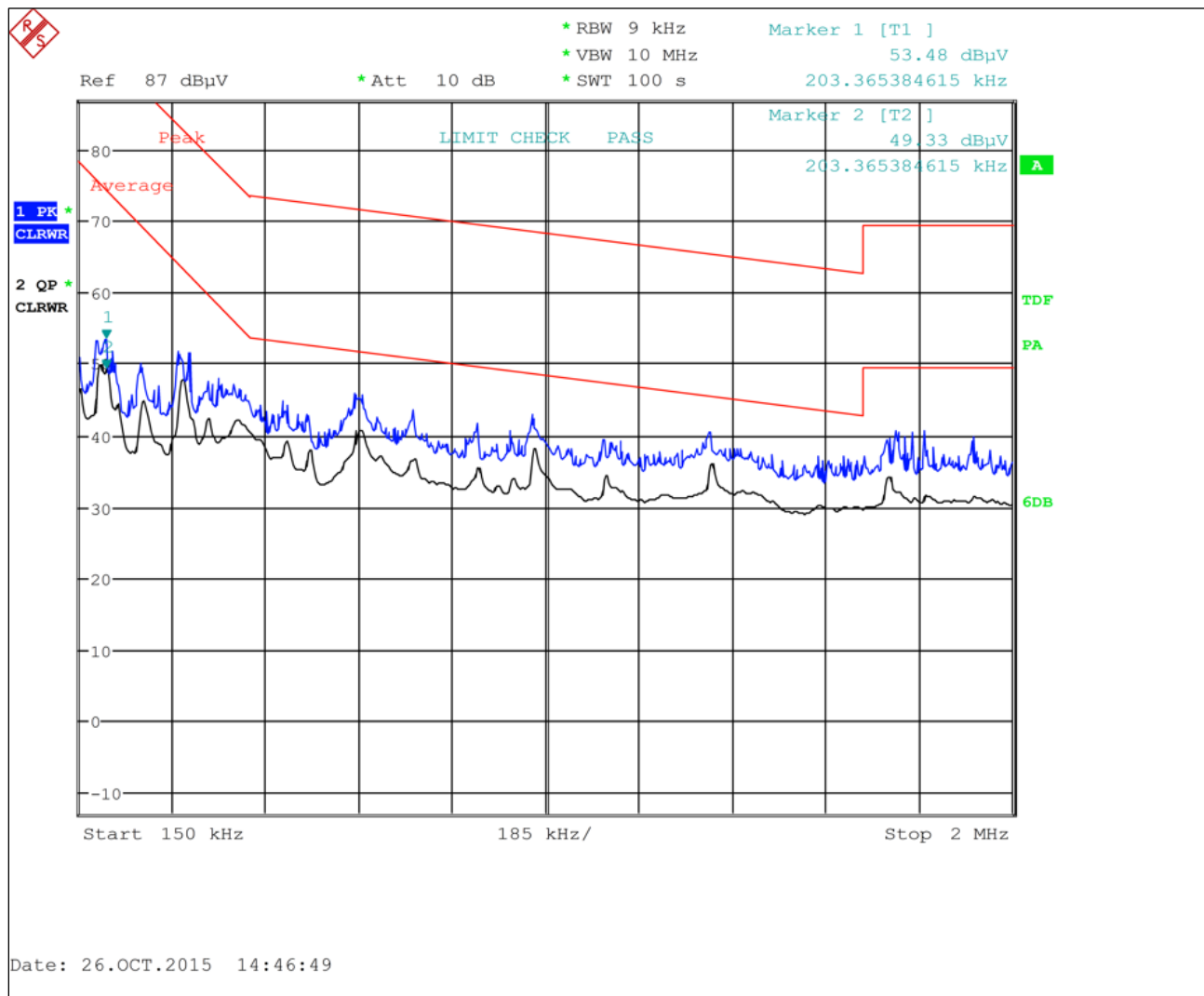
Plot 6-358: Radiated Emissions Transmit – 9 kHz – 150 kHz Vertical Peak/Average



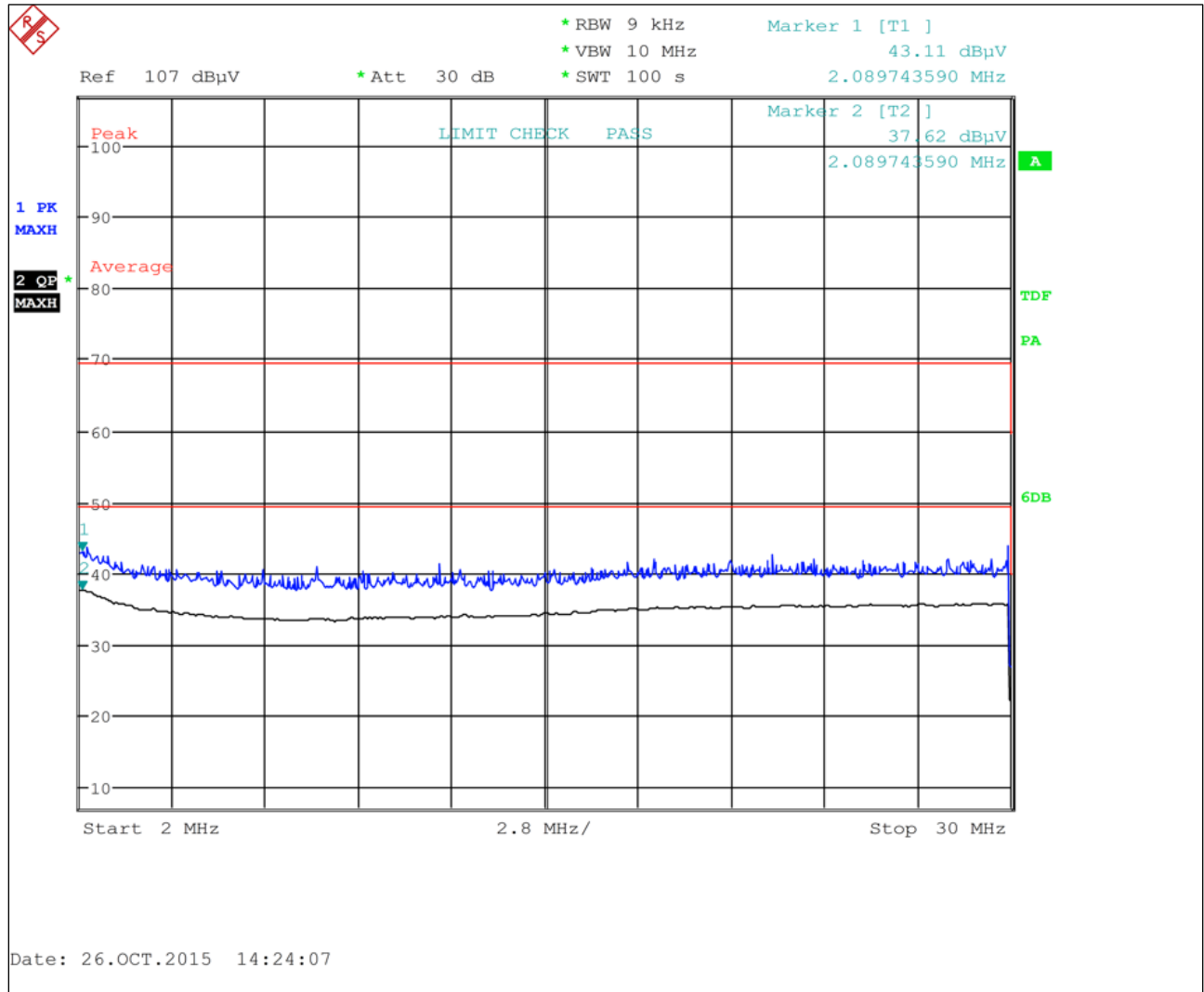
Plot 6-359: Radiated Emissions Transmit – 150 kHz – 2 MHz Horizontal Peak/Average



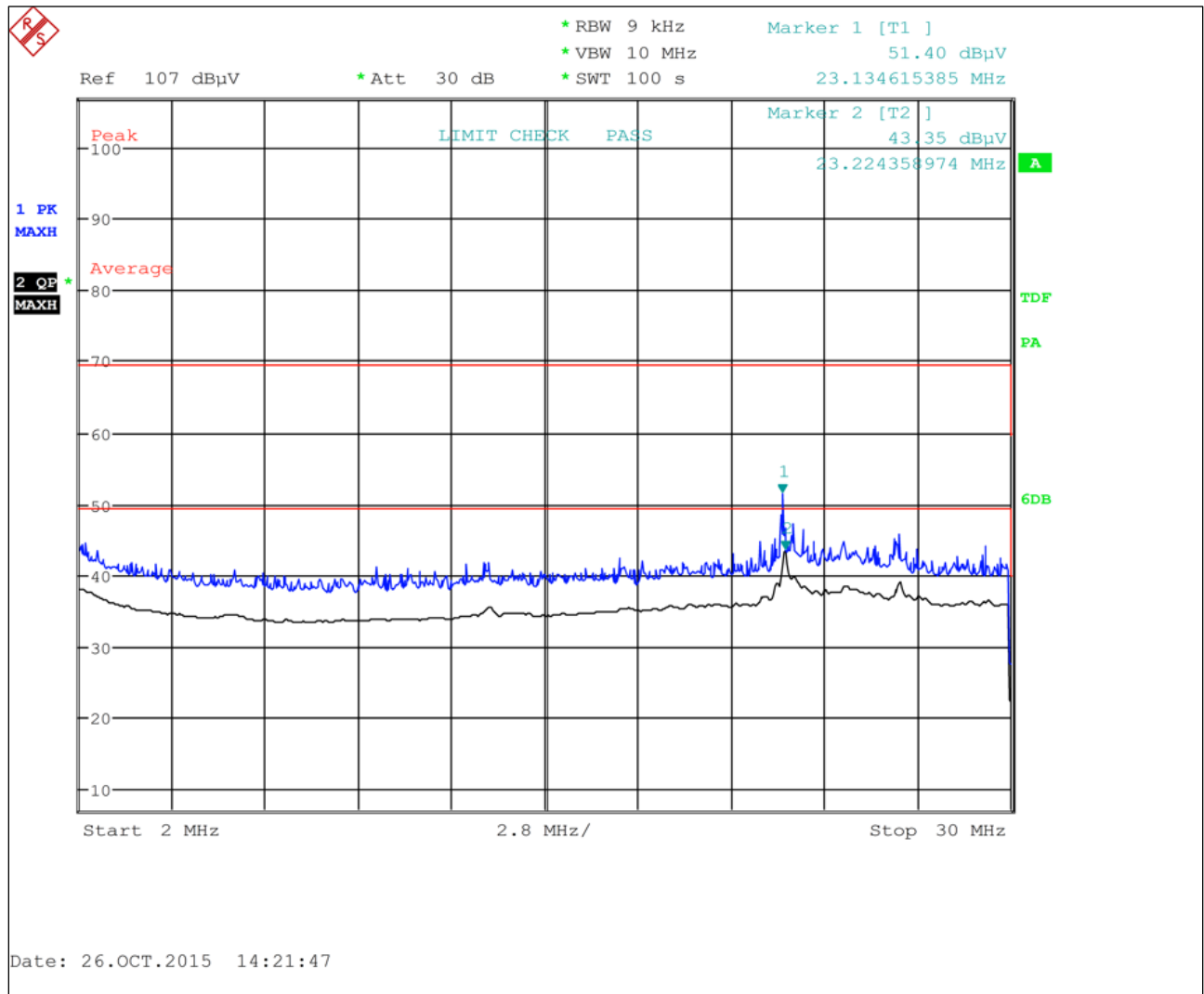
Plot 6-360: Radiated Emissions Transmit – 150 kHz – 2 MHz Vertical Peak/Average



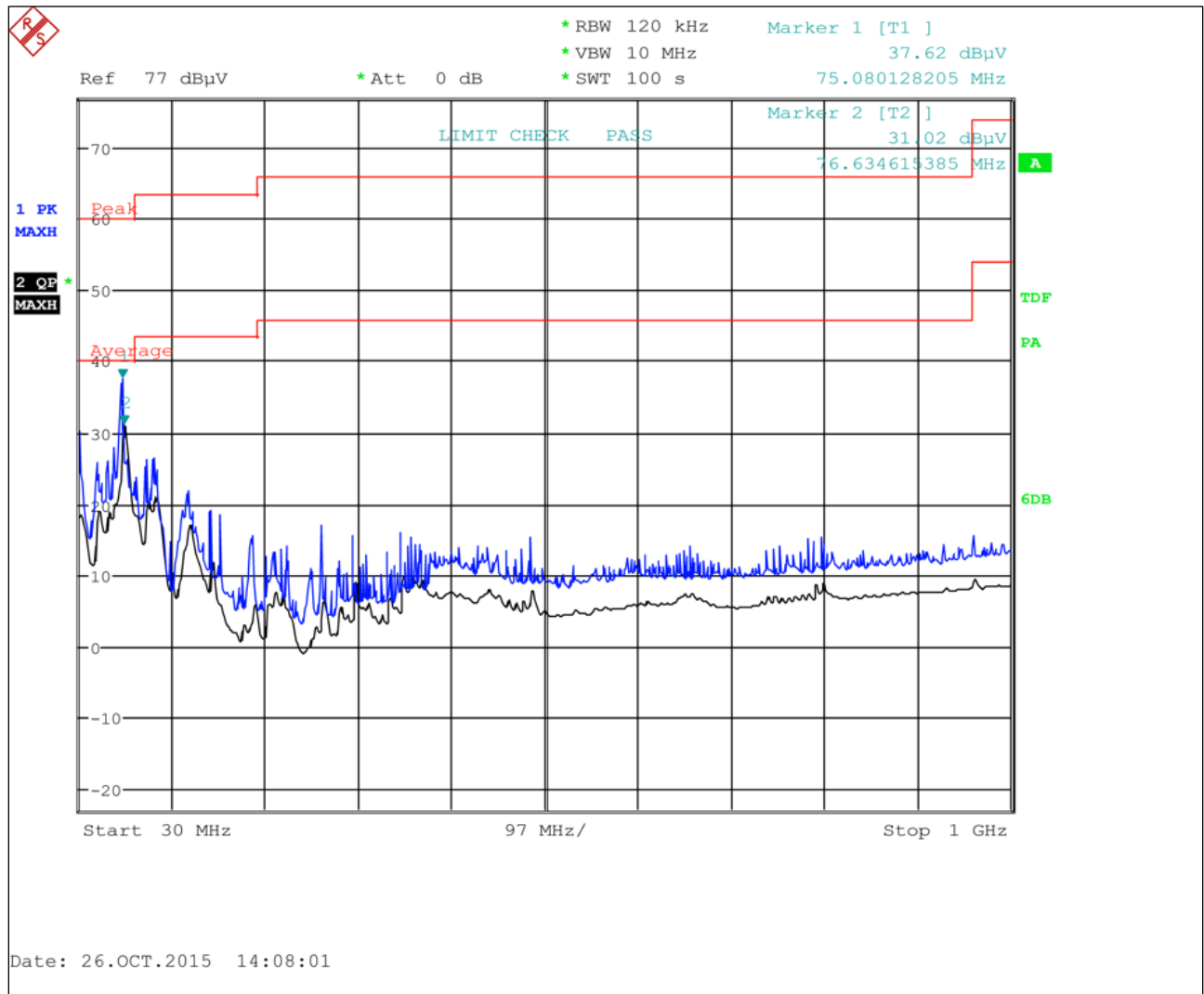
Plot 6-361: Radiated Emissions Transmit – 2 MHz – 30 MHz Horizontal Peak/Average



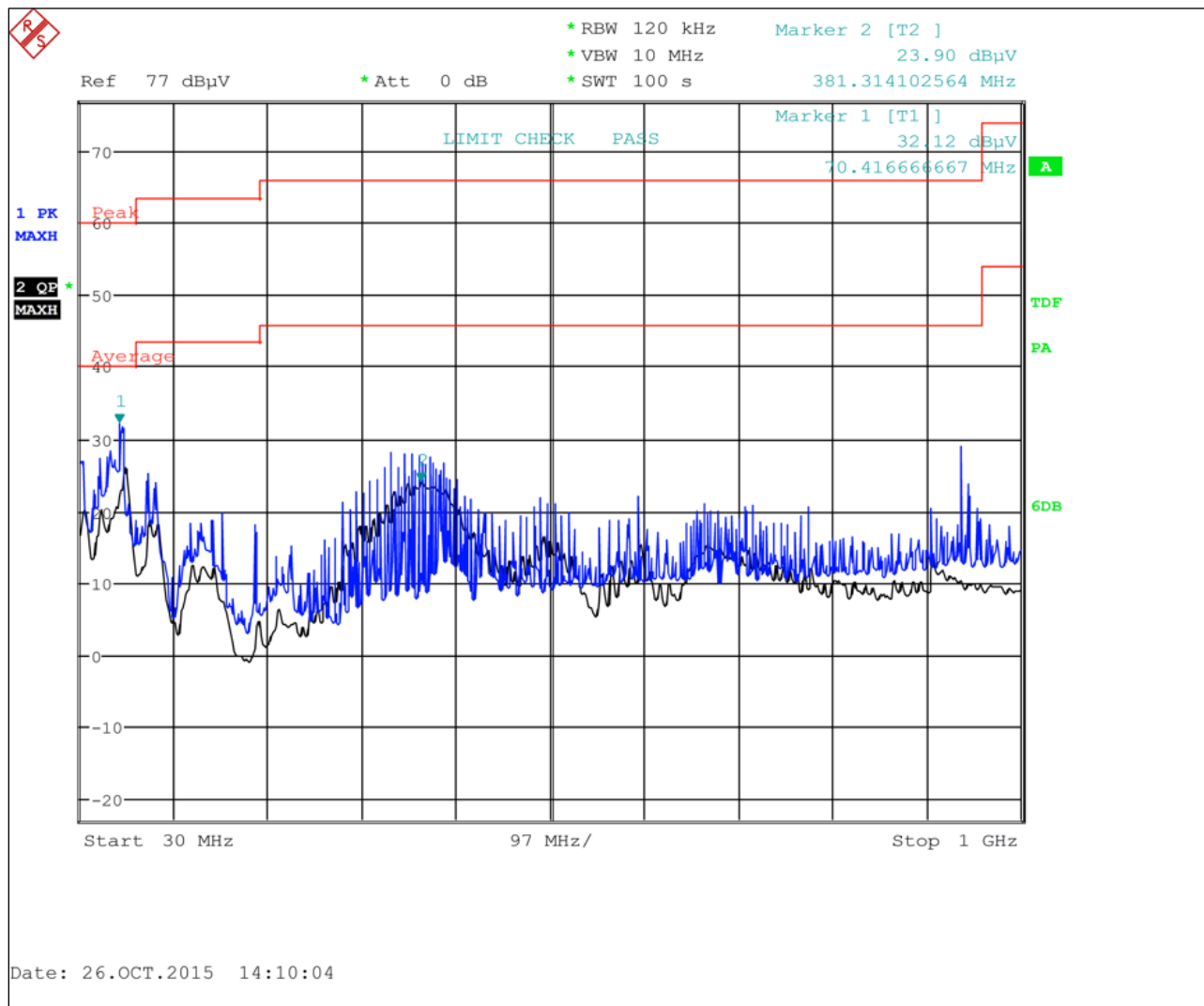
Plot 6-362: Radiated Emissions Transmit – 2 MHz – 30 MHz Vertical Peak/Average



Plot 6-363: Radiated Emissions Transmit – 30 MHz – 1 GHz Horizontal Peak/Average



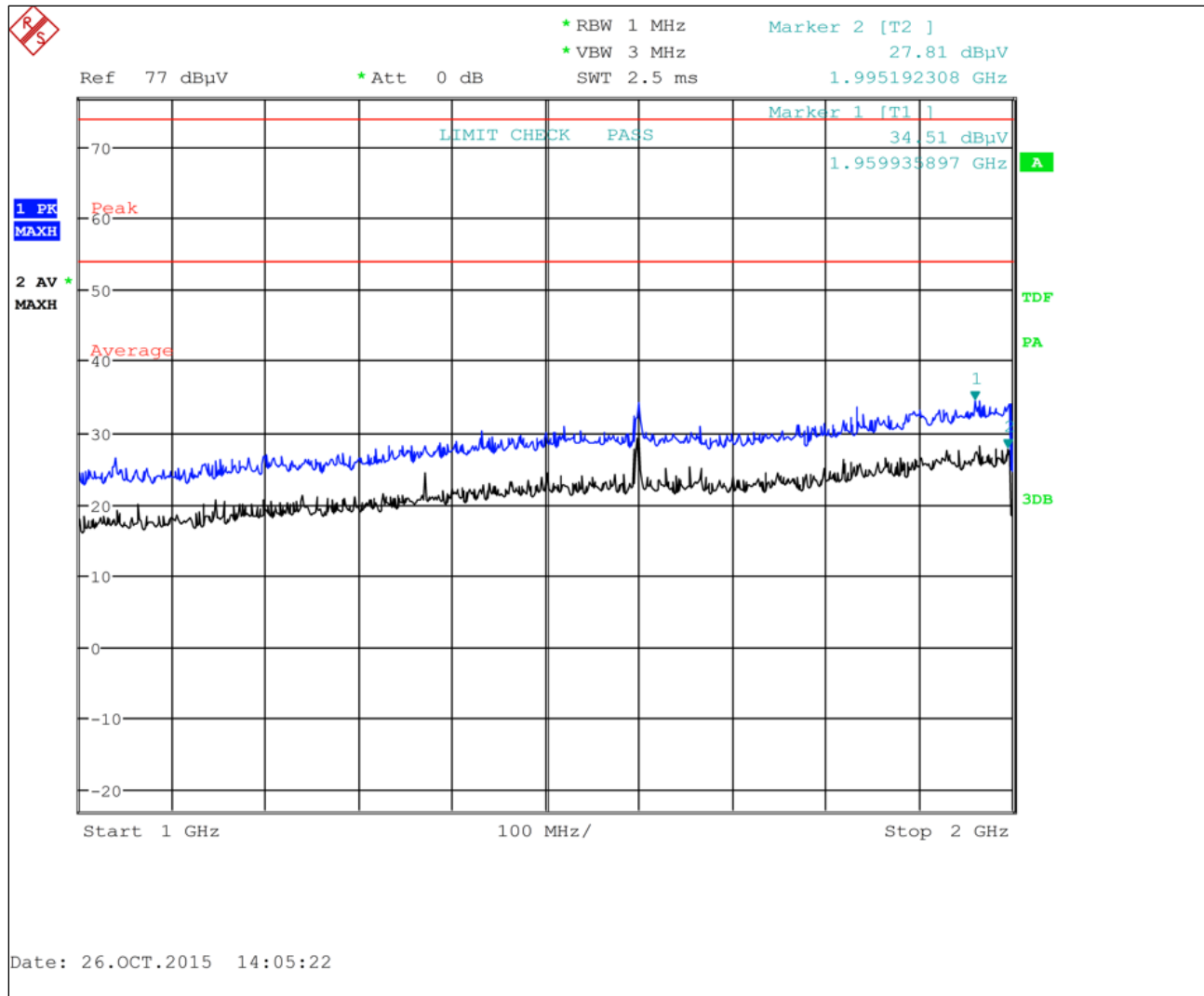
Plot 6-364: Radiated Emissions Transmit – 30 MHz – 1 GHz Vertical Peak/Average



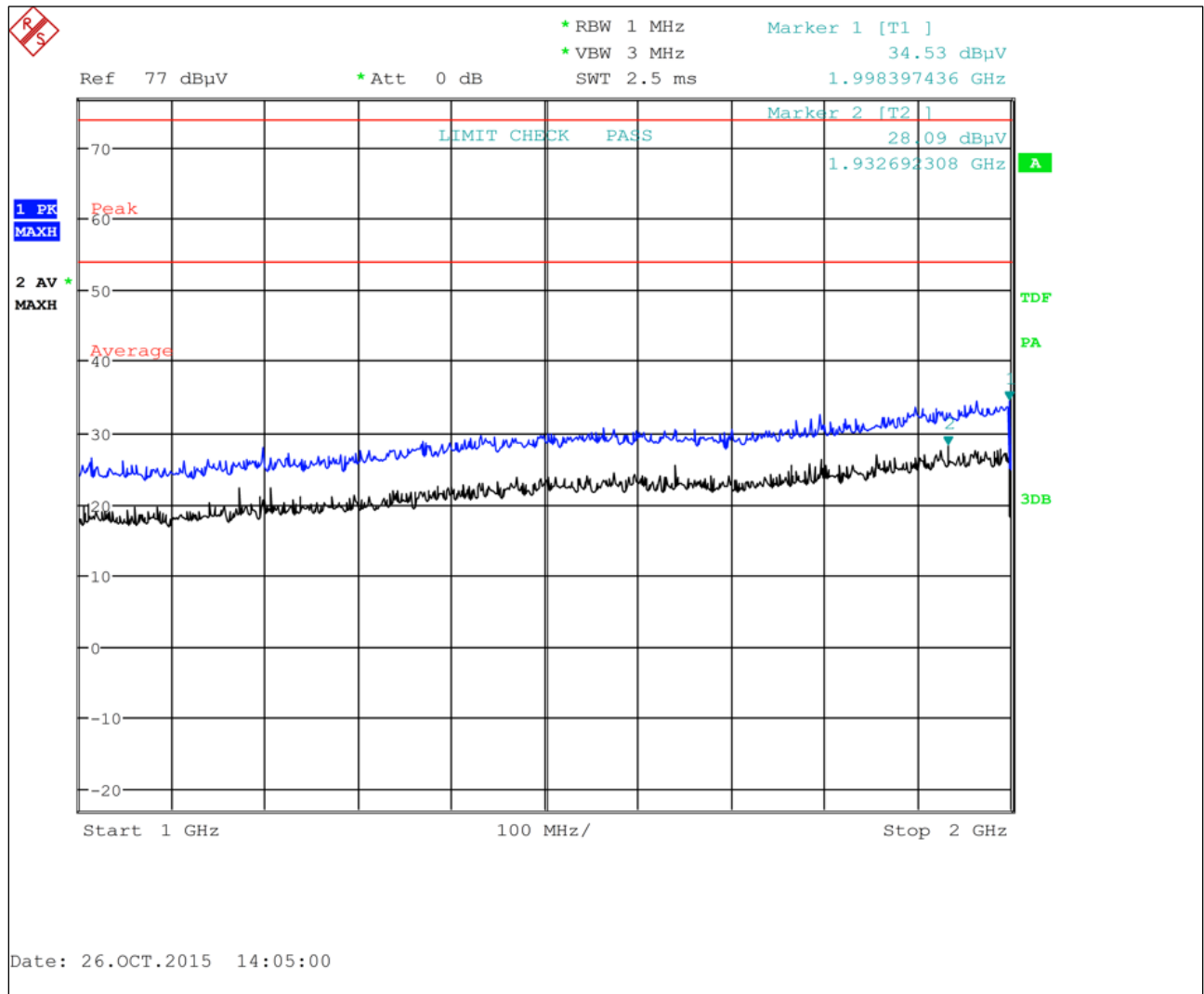
Note: Unwanted emissions were investigated as a digital device (other than harmonics) as required by 15.33(a)(3).

6.3.2.27 Radiated Emissions 1 GHz – 26 GHz Test Data – TC#9 Concrete Container

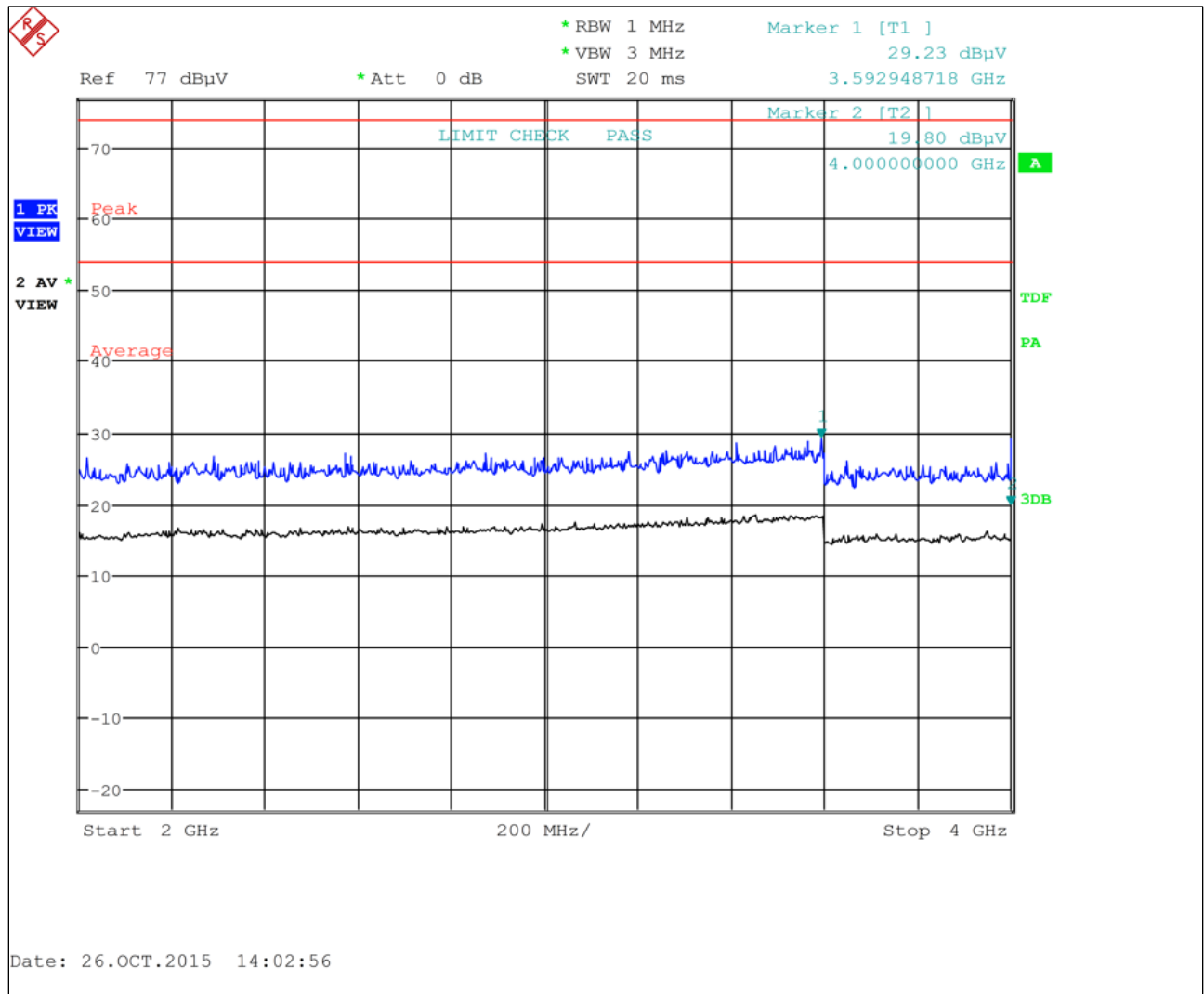
Plot 6-365: Radiated Emissions 1 GHz – 2 GHz Horizontal Peak/Average



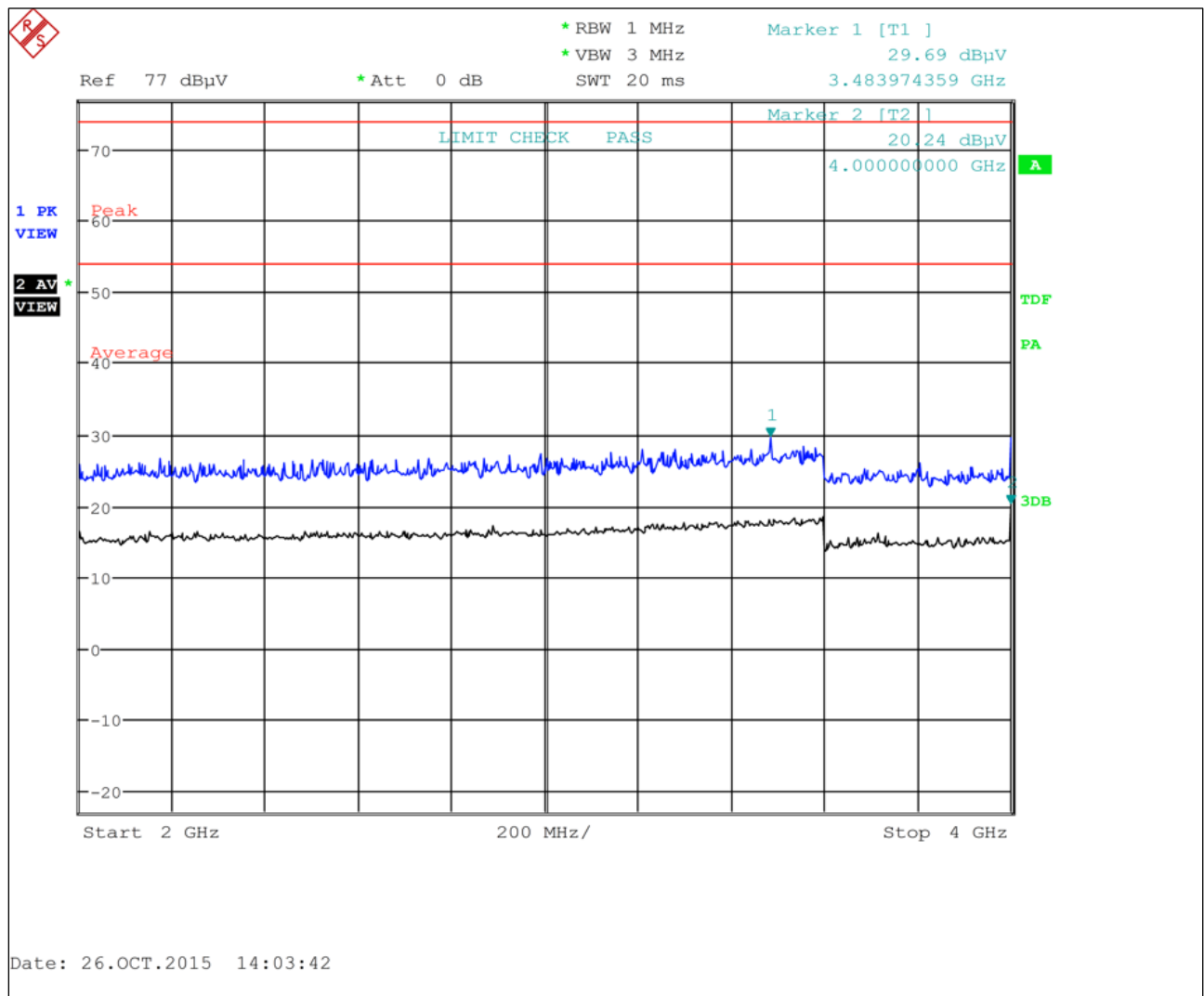
Plot 6-366: Radiated Emissions 1 GHz – 2 GHz Vertical Peak/Average



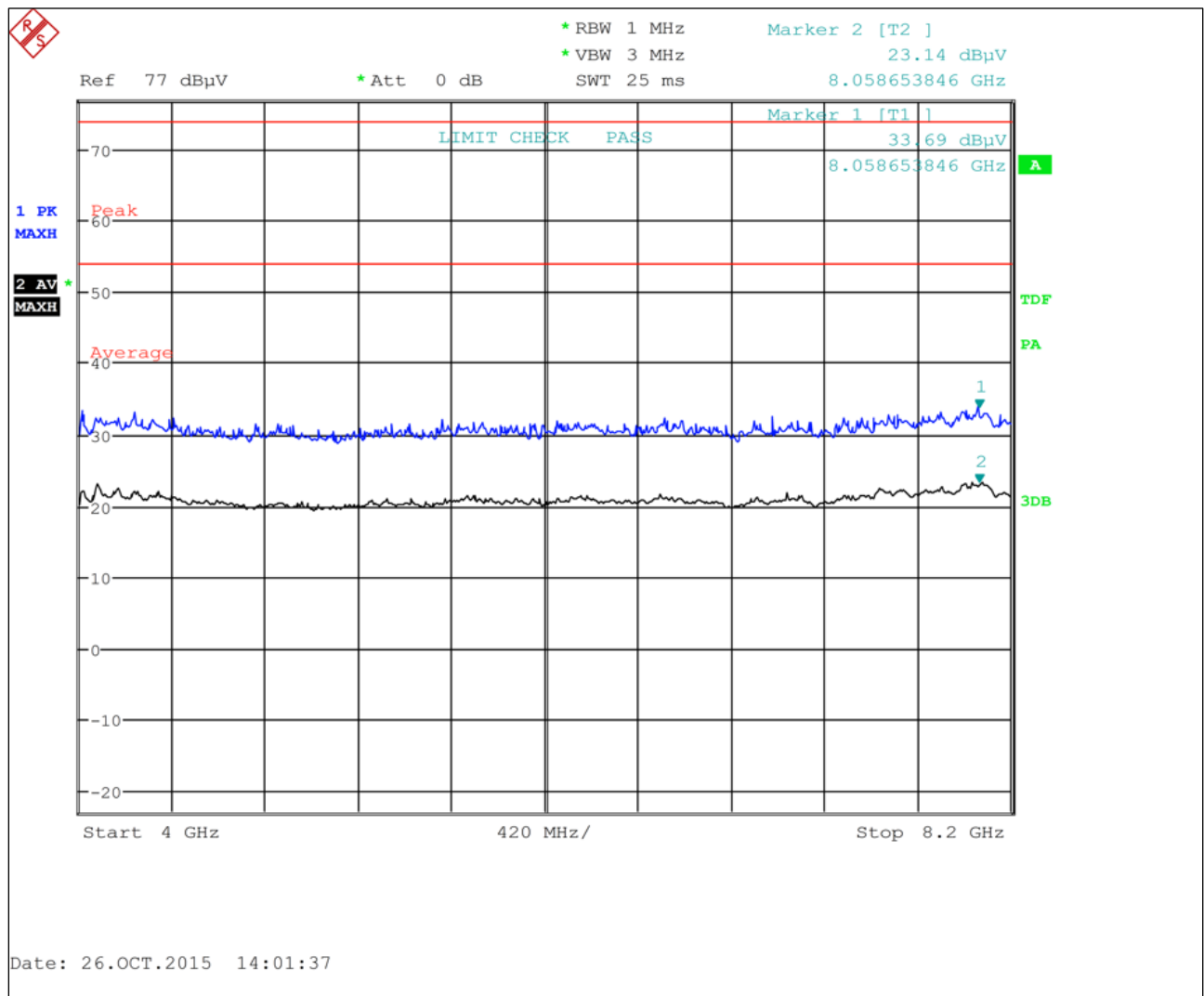
Plot 6-367: Radiated Emissions 2 GHz – 4 GHz Horizontal Peak/Average



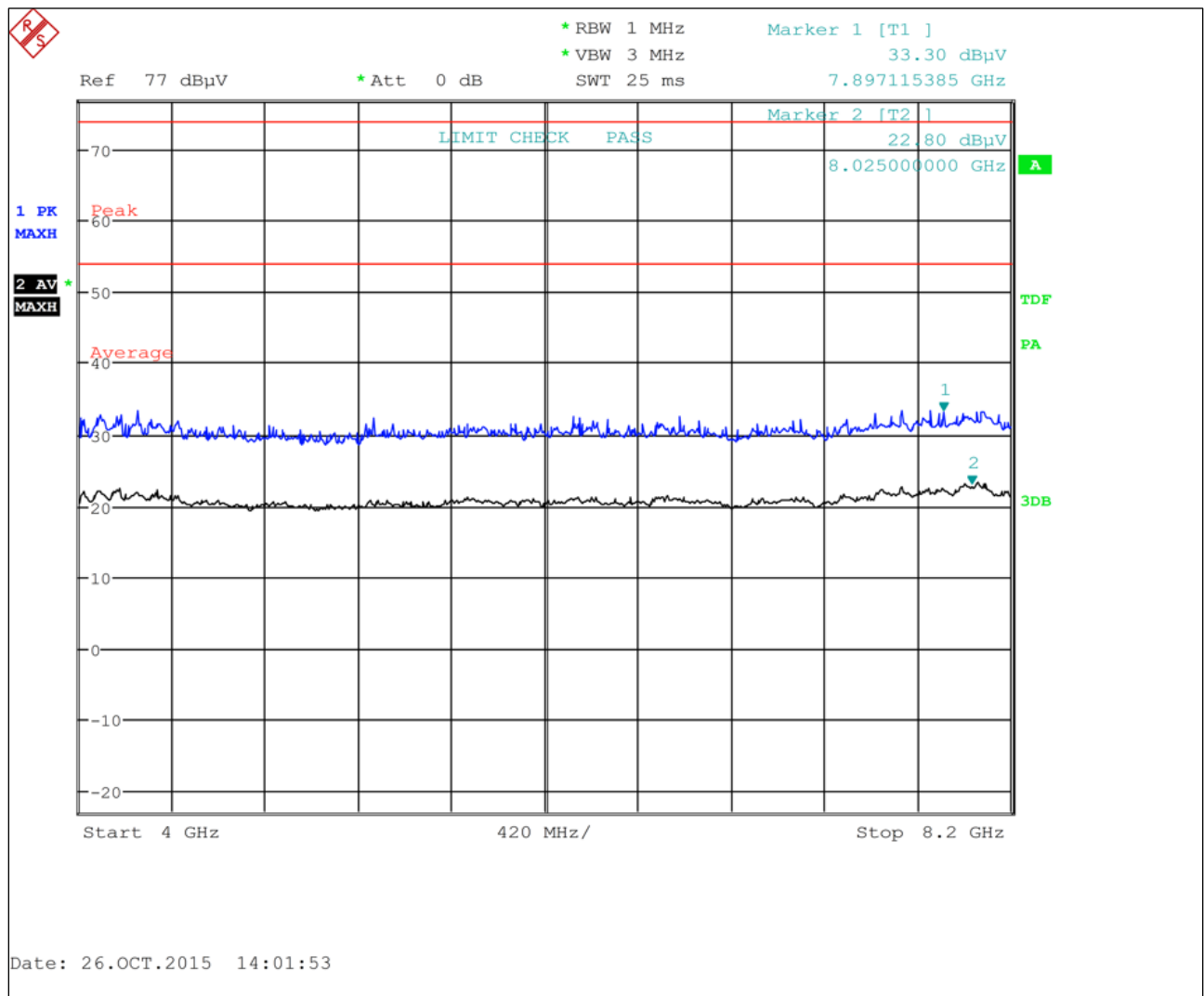
Plot 6-368: Radiated Emissions 2 GHz – 4 GHz Vertical Peak/Average



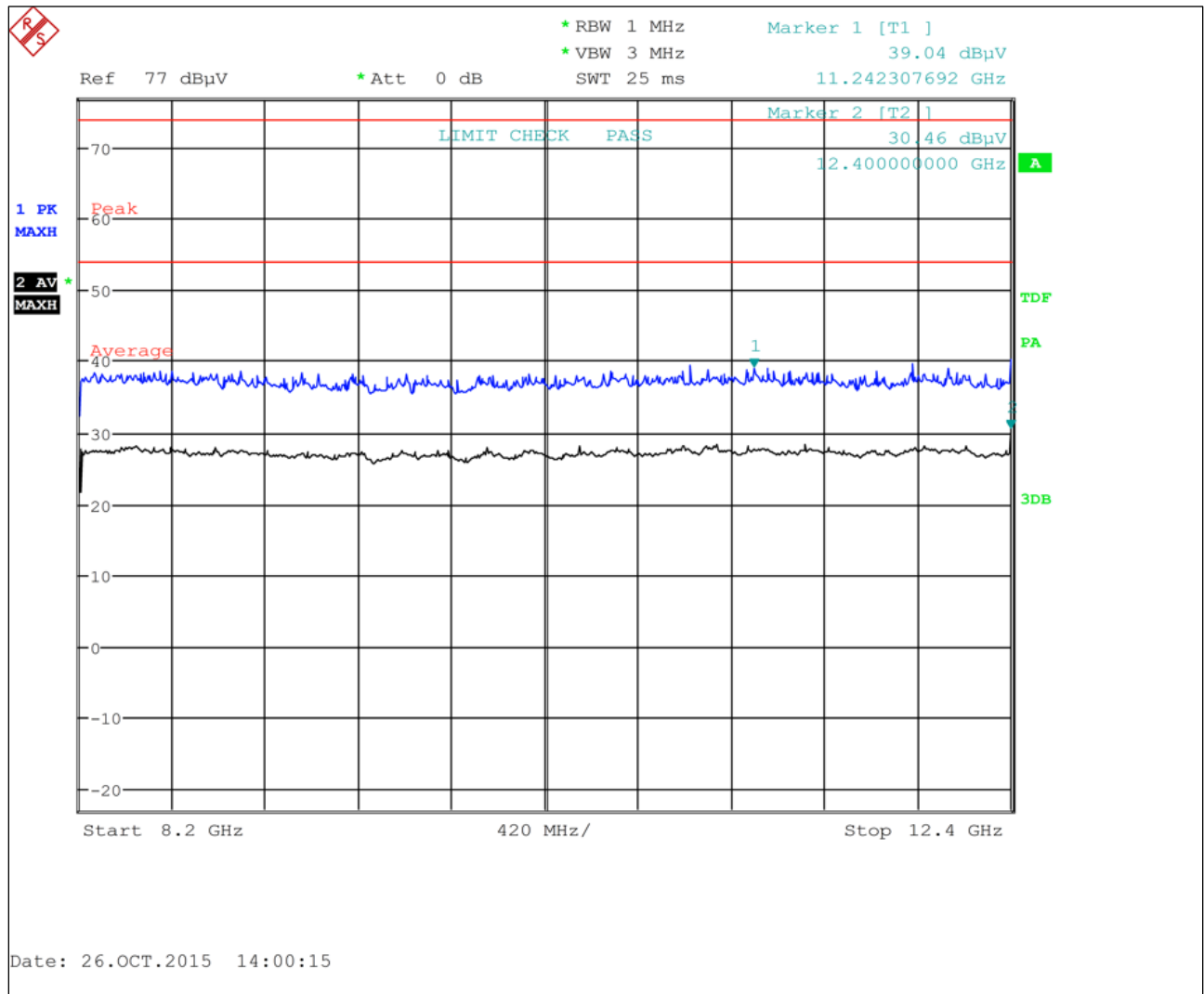
Plot 6-369: Radiated Emissions 4 GHz – 8 GHz Horizontal Peak/Average



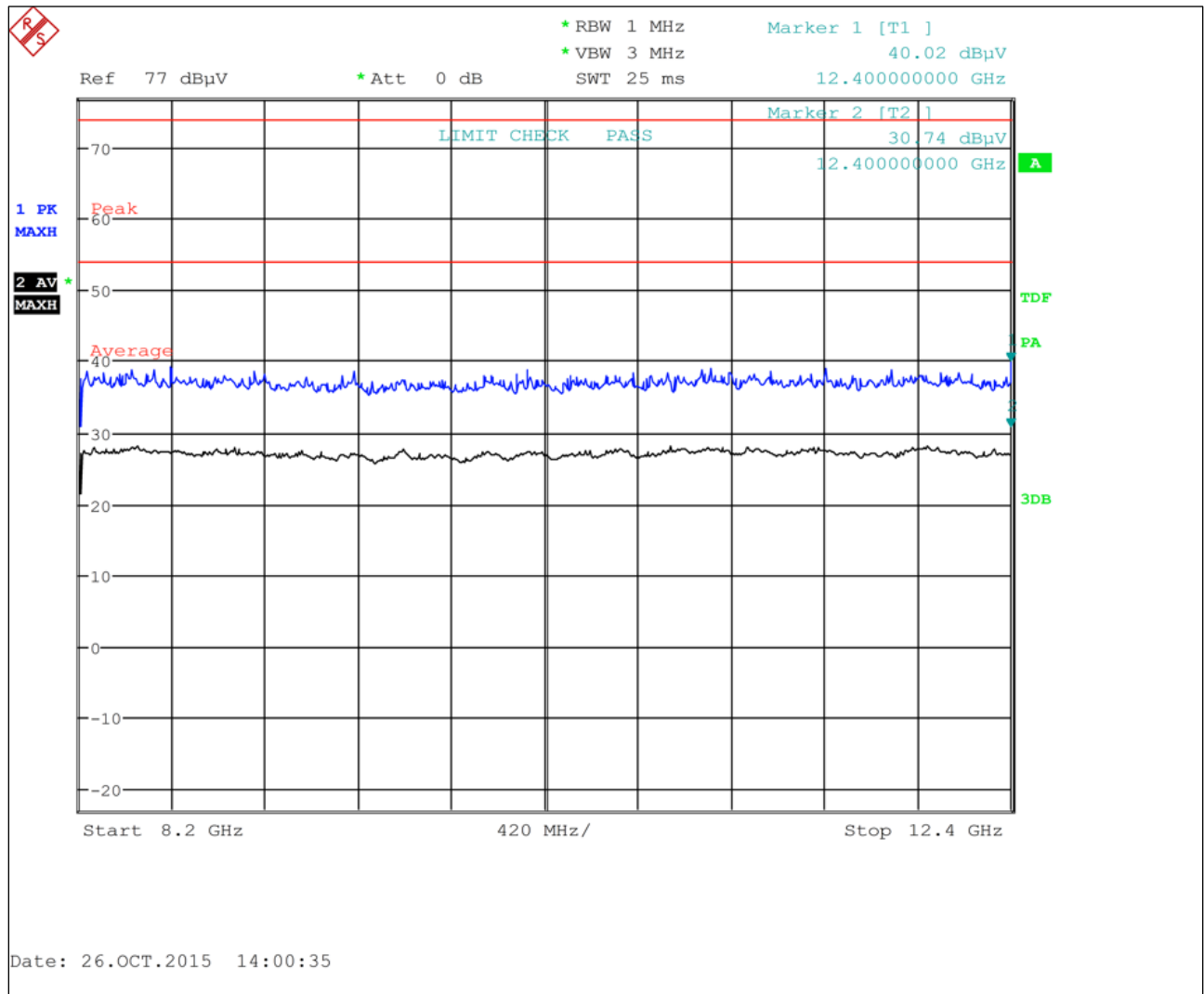
Plot 6-370: Radiated Emissions 4 GHz – 8 GHz Vertical Peak/Average



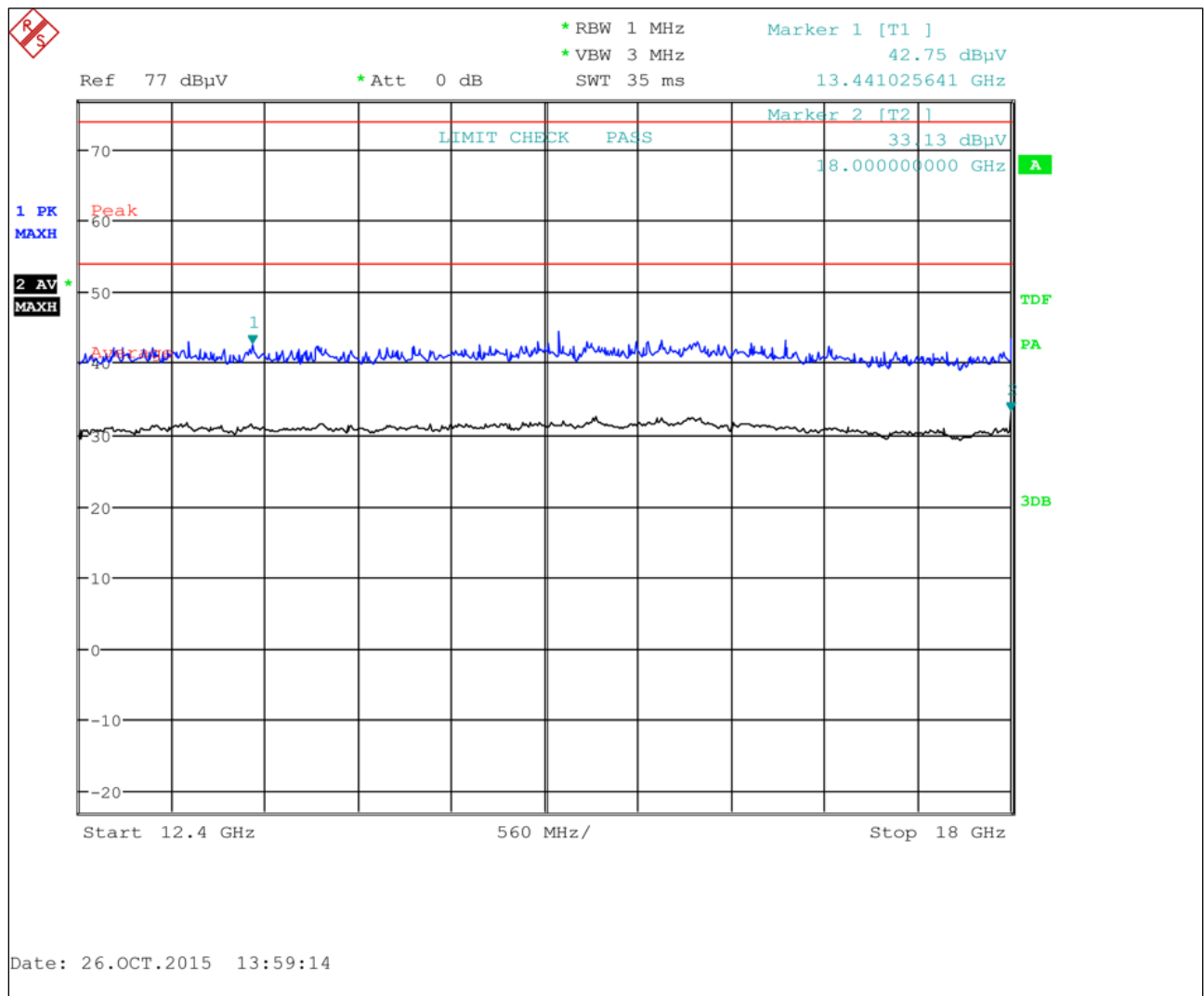
Plot 6-371: Radiated Emissions 8 GHz – 12 GHz Horizontal Peak/Average



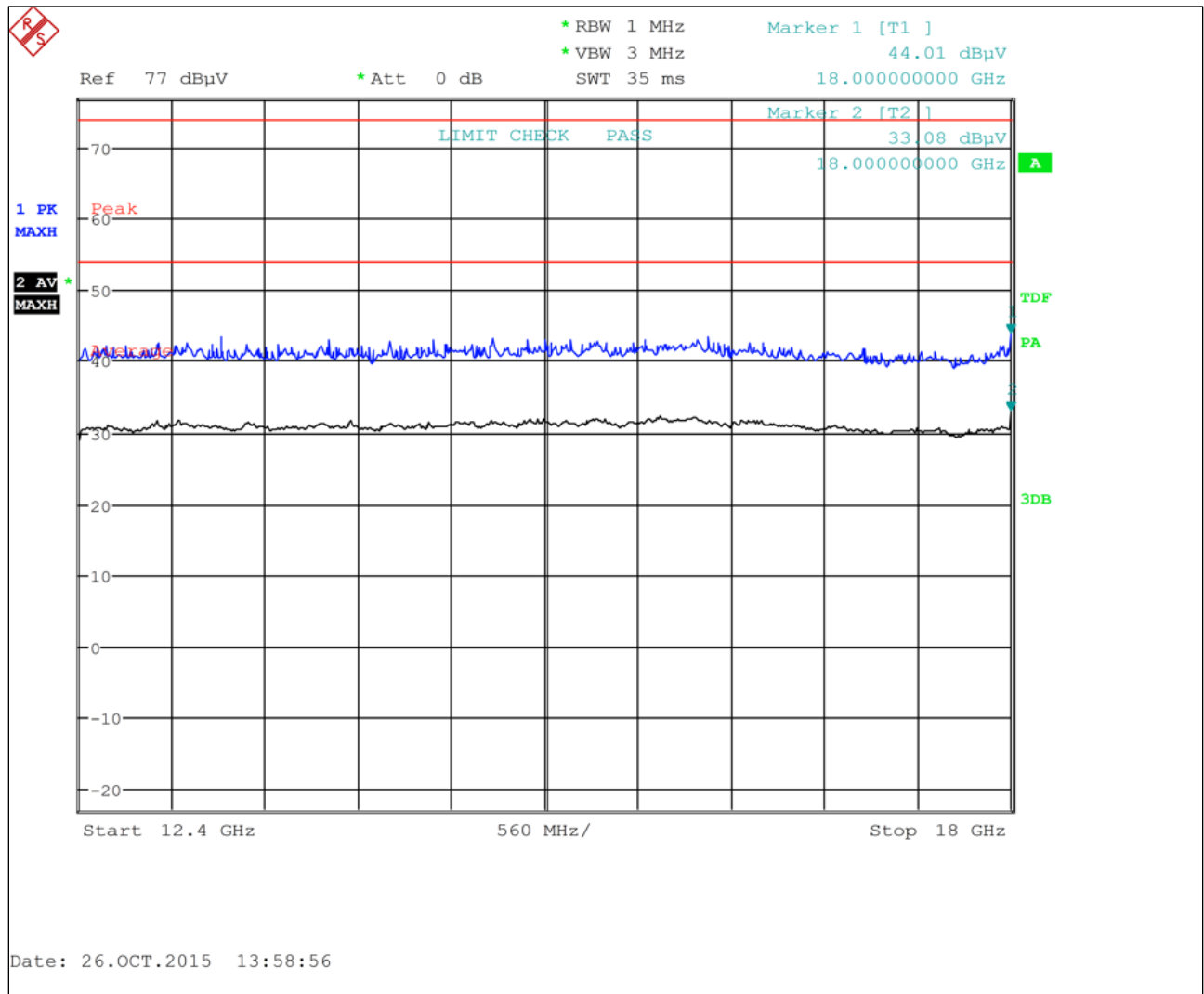
Plot 6-372: Radiated Emissions 8 GHz – 12 GHz Vertical Peak/Average



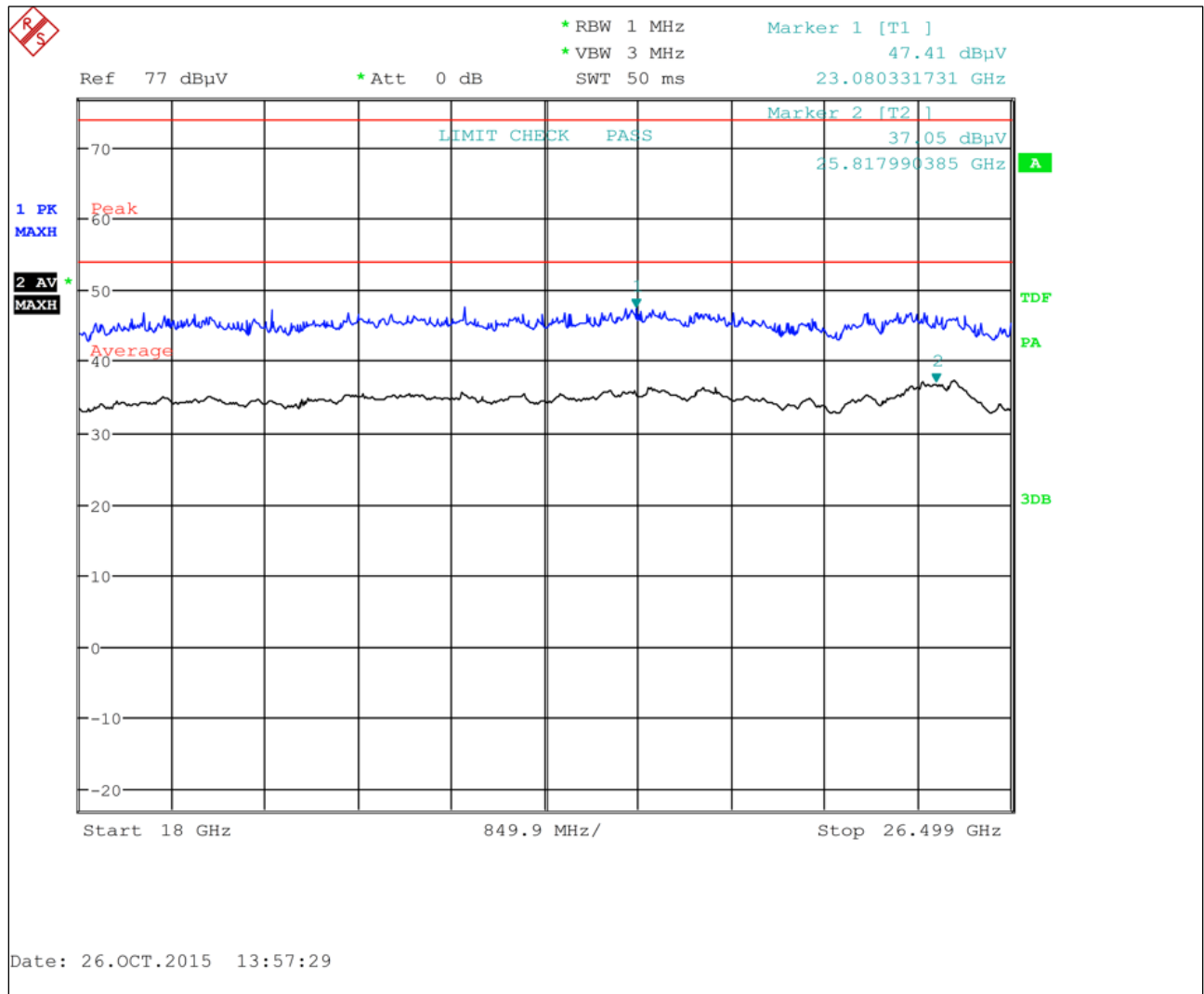
Plot 6-373: Radiated Emissions 12 GHz – 18 GHz Horizontal Peak/Average



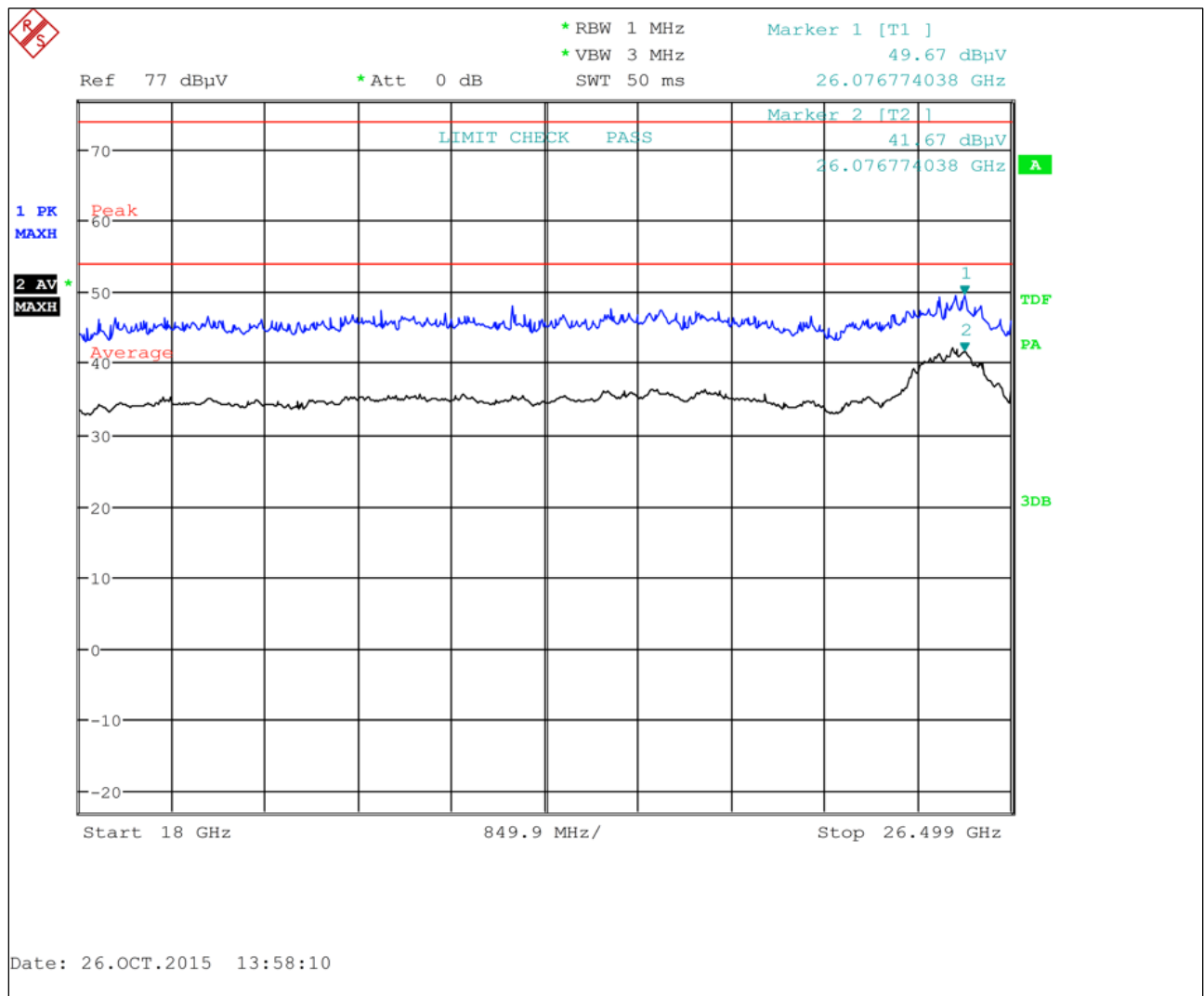
Plot 6-374: Radiated Emissions 12 GHz – 18 GHz Vertical Peak/Average



Plot 6-375: Radiated Emissions 18 GHz – 26 GHz Horizontal Peak/Average



Plot 6-376: Radiated Emissions 18 GHz – 26 GHz Vertical Peak/Average



6.3.3 Radiated Emissions Carrier Test Data Fiberglass Container

6.3.3.1 Radiated Emissions Carrier Test Data - TC#1 Fiberglass Container

Plot 6-377: Radiated Emissions of Carrier - TC #1 Fiberglass Container

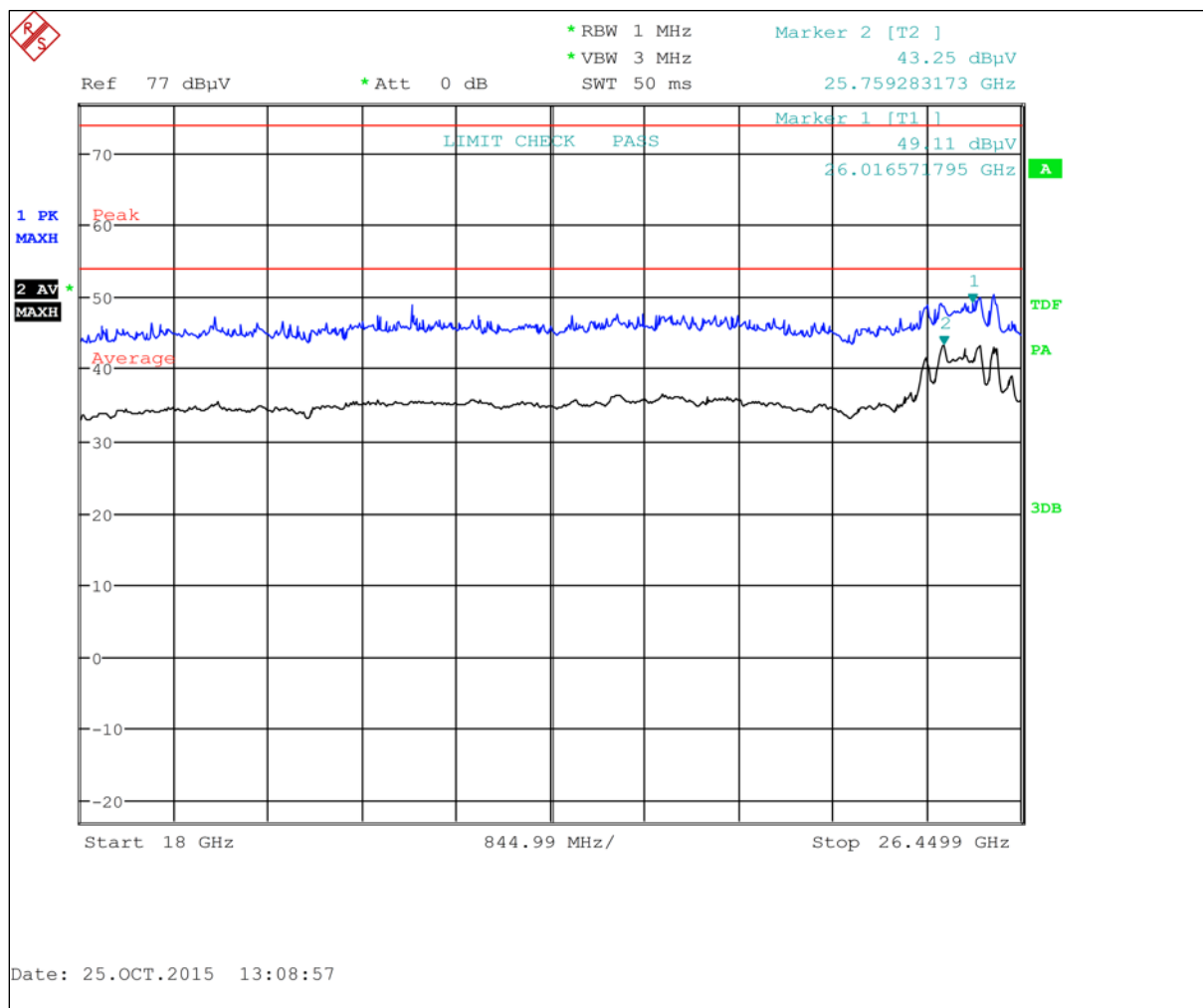
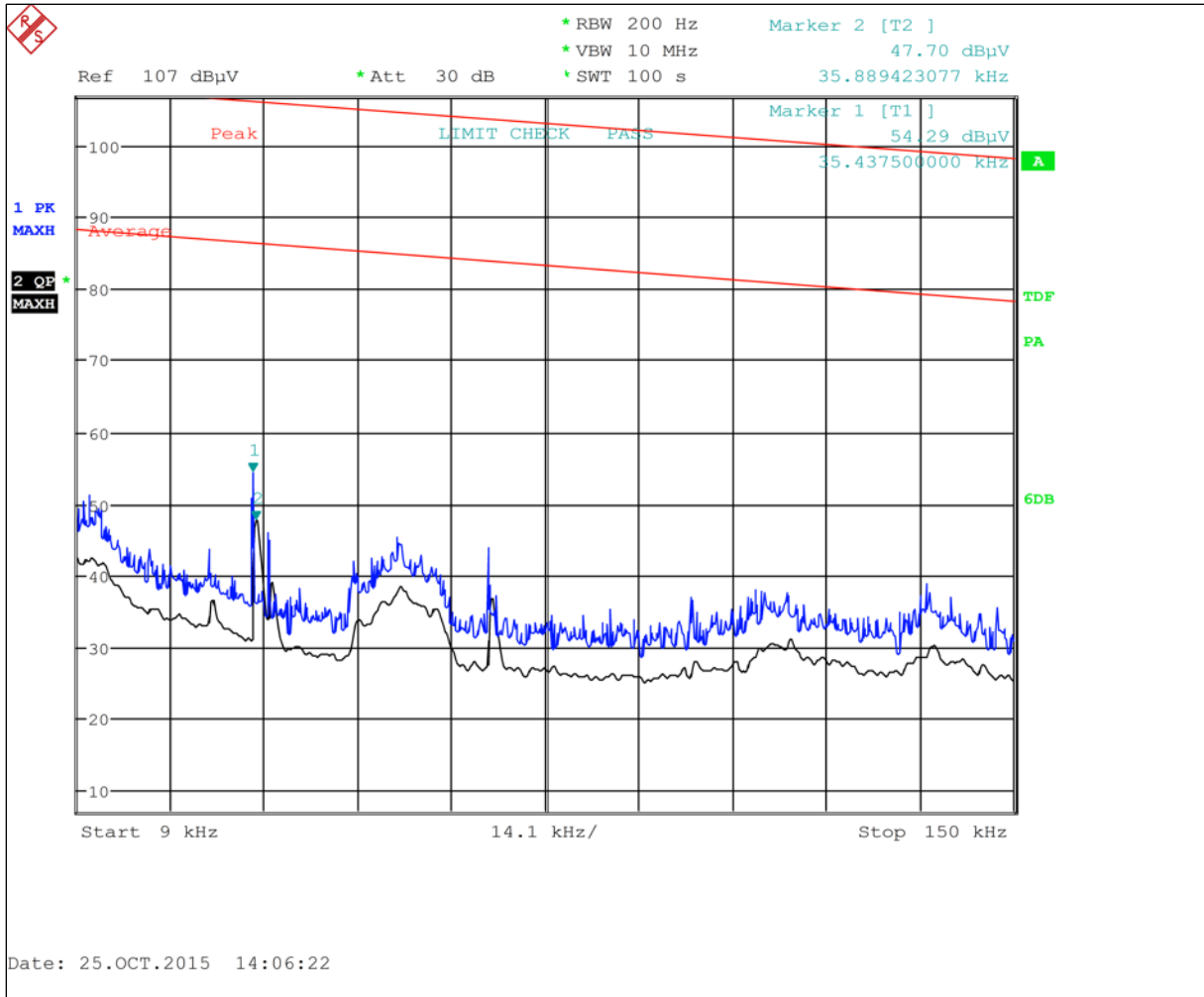


Table 6-19: Radiated Emissions of Carrier – TC #1 Fiberglass Container

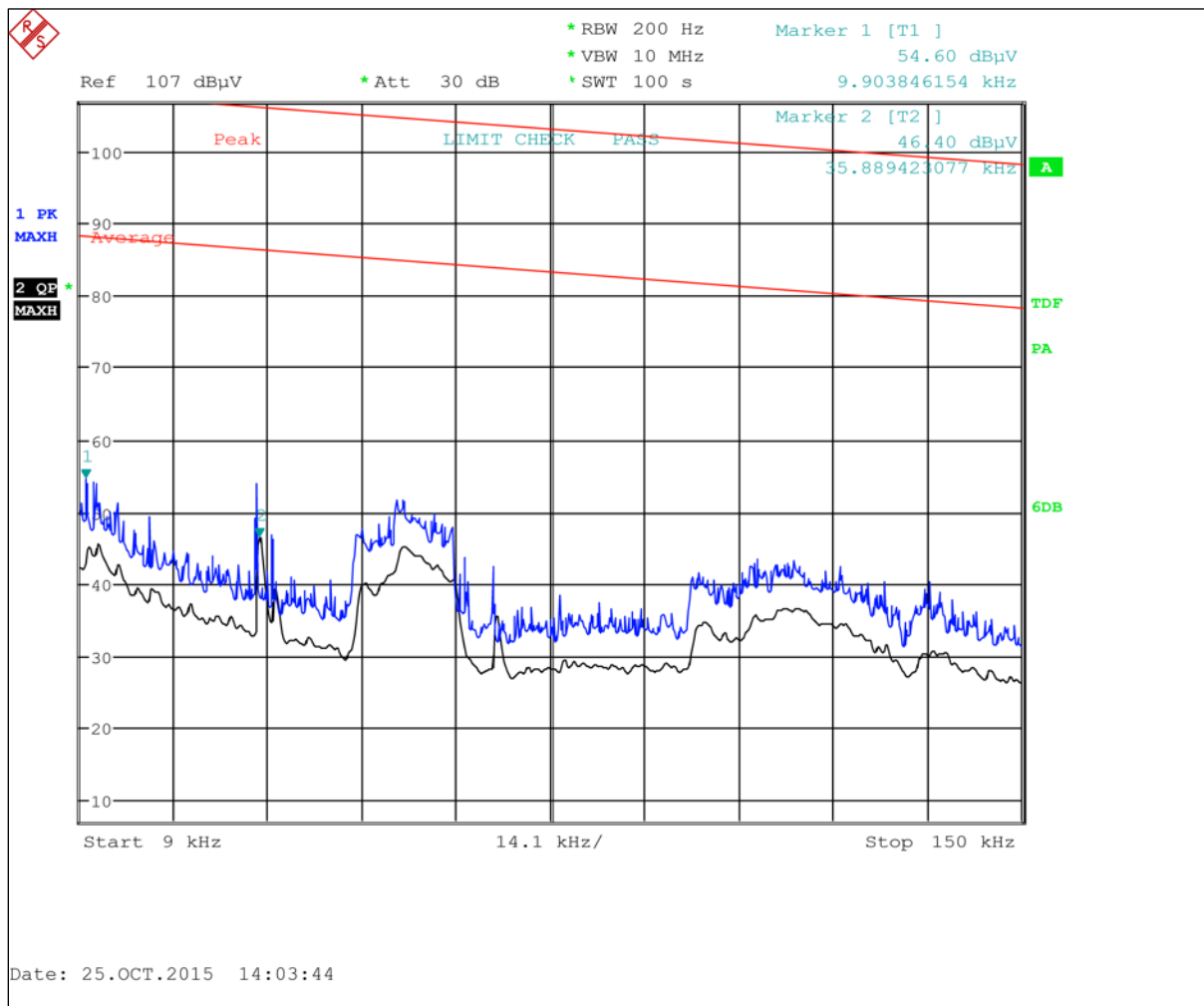
Frequency (GHz)	Detector	Test Antenna Pol	Corrected Spectrum Analyzer Level (dBuV/m)	FCC Limit (dBuV)	Margin (dB)	Corrected Spectrum Analyzer Level (dBm/MHz)	IC Limit (dBm/MHz)	Margin (dBm)
26.0165	Peak	H	49.1	74.0	-24.9	NA		
25.7592	Average	H	43.3	54.0	-10.7	-51.9	-41.3	10.6

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

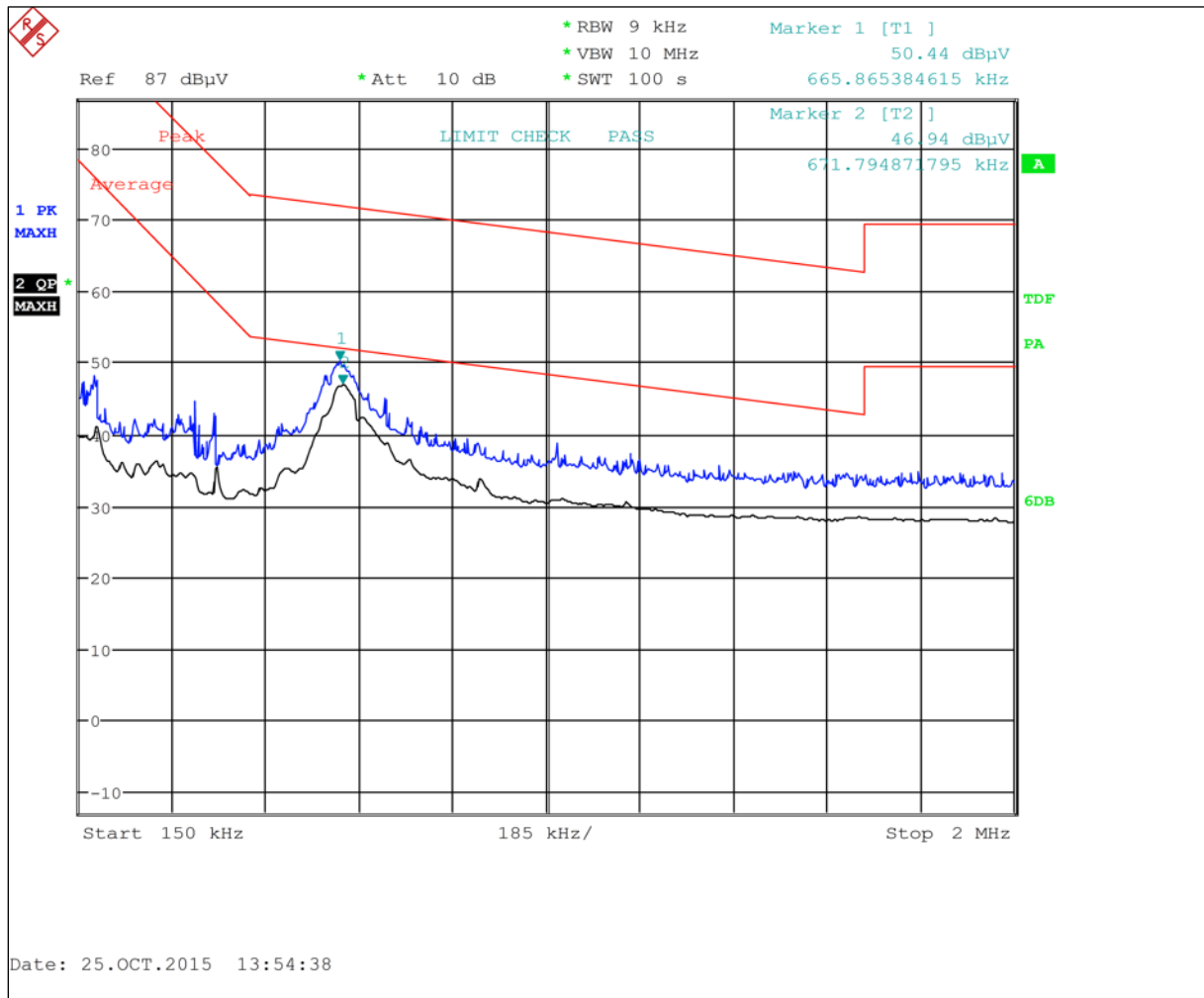
Plot 6-378: Radiated Emissions Transmit – 9 kHz – 150 kHz Horizontal Peak/Average



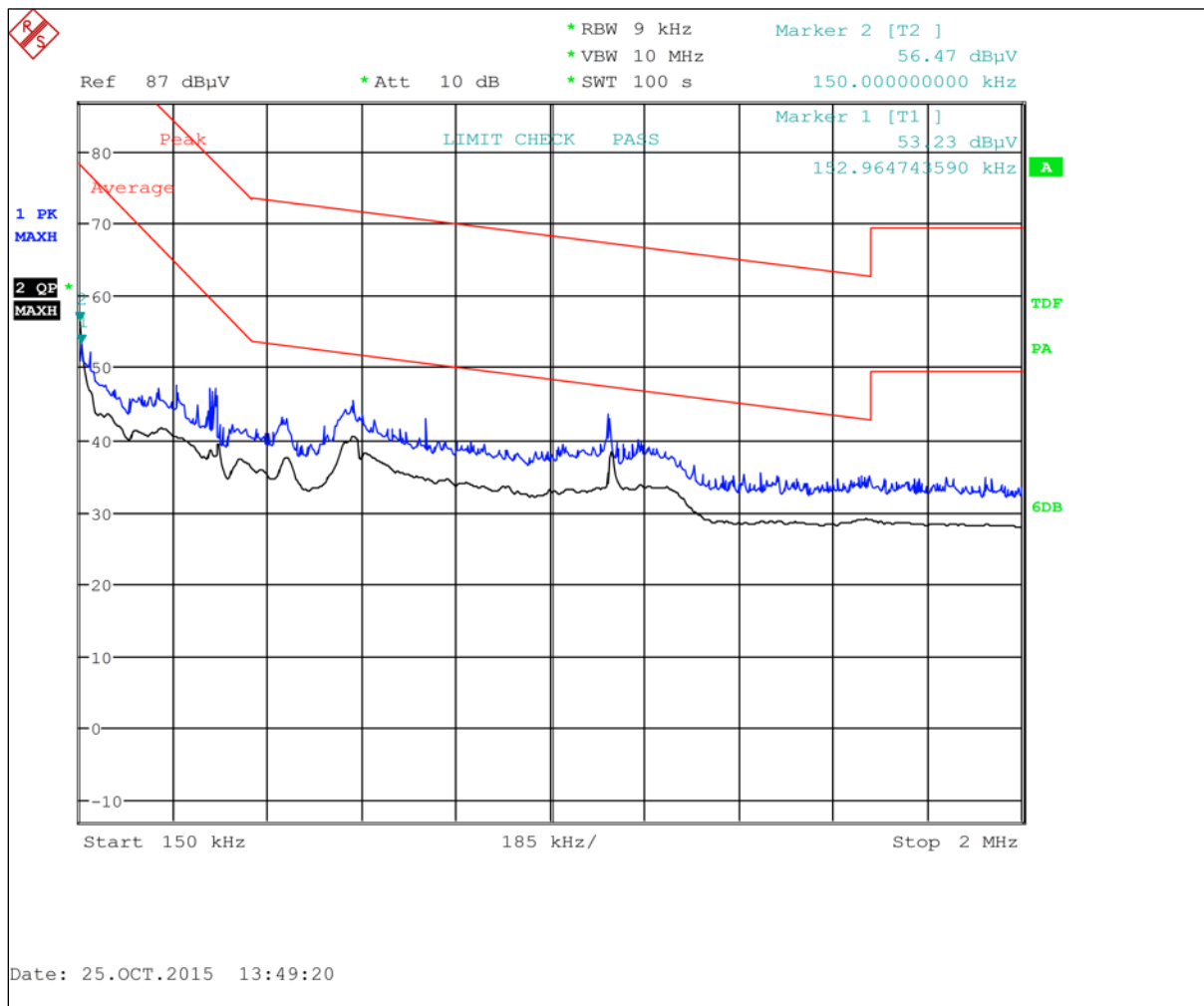
Plot 6-379: Radiated Emissions Transmit – 9 kHz – 150 kHz Vertical Peak/Average



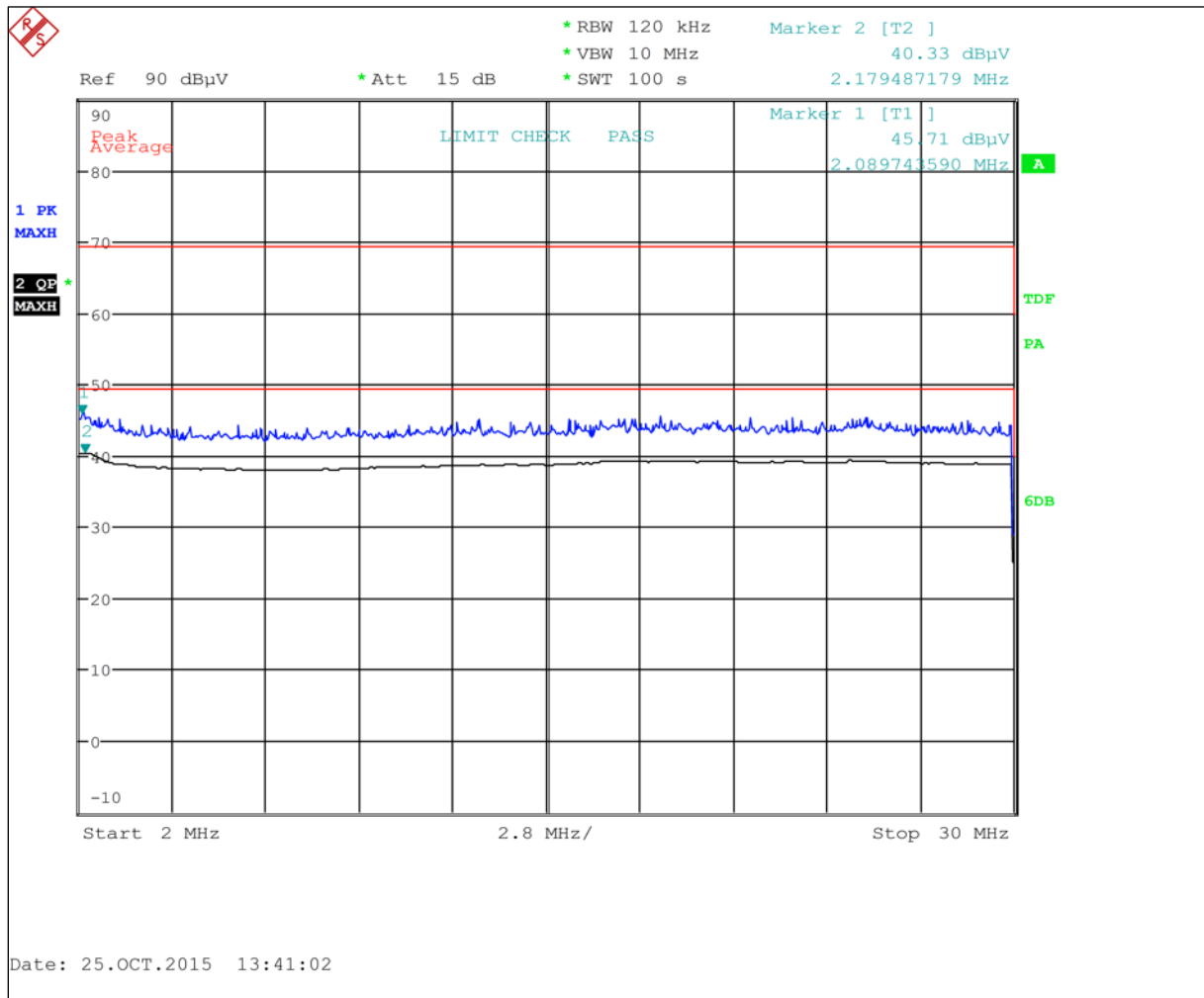
Plot 6-380: Radiated Emissions Transmit – 150 kHz – 2 MHz Horizontal Peak/Average



Plot 6-381: Radiated Emissions Transmit – 150 kHz – 2 MHz Vertical Peak/Average



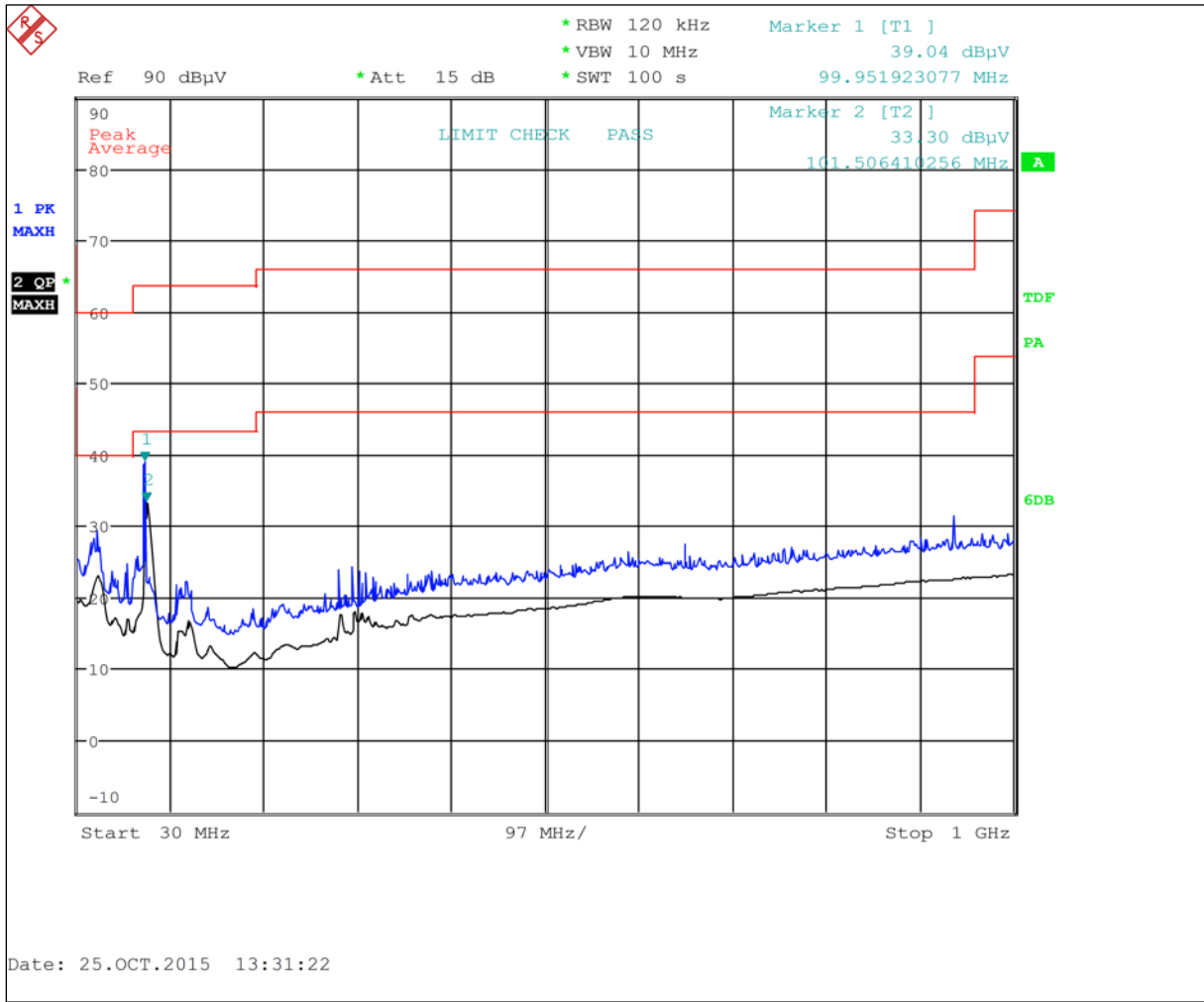
Plot 6-382: Radiated Emissions Transmit – 2 MHz – 30 MHz Horizontal Peak/Average



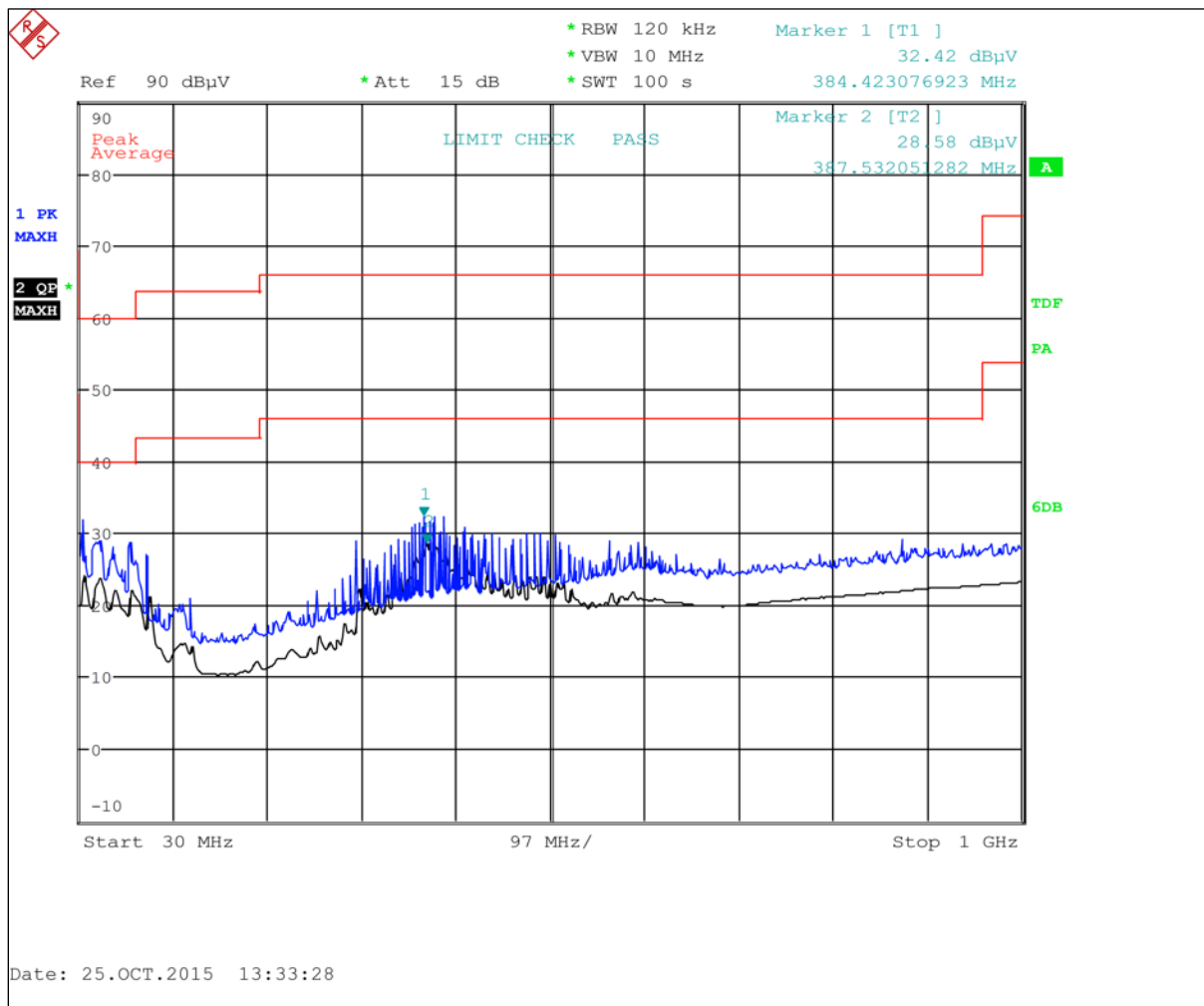
Plot 6-383: Radiated Emissions Transmit – 2 MHz – 30 MHz Vertical Peak/Average



Plot 6-384: Radiated Emissions Transmit – 30 MHz – 1 GHz Horizontal Peak/Average



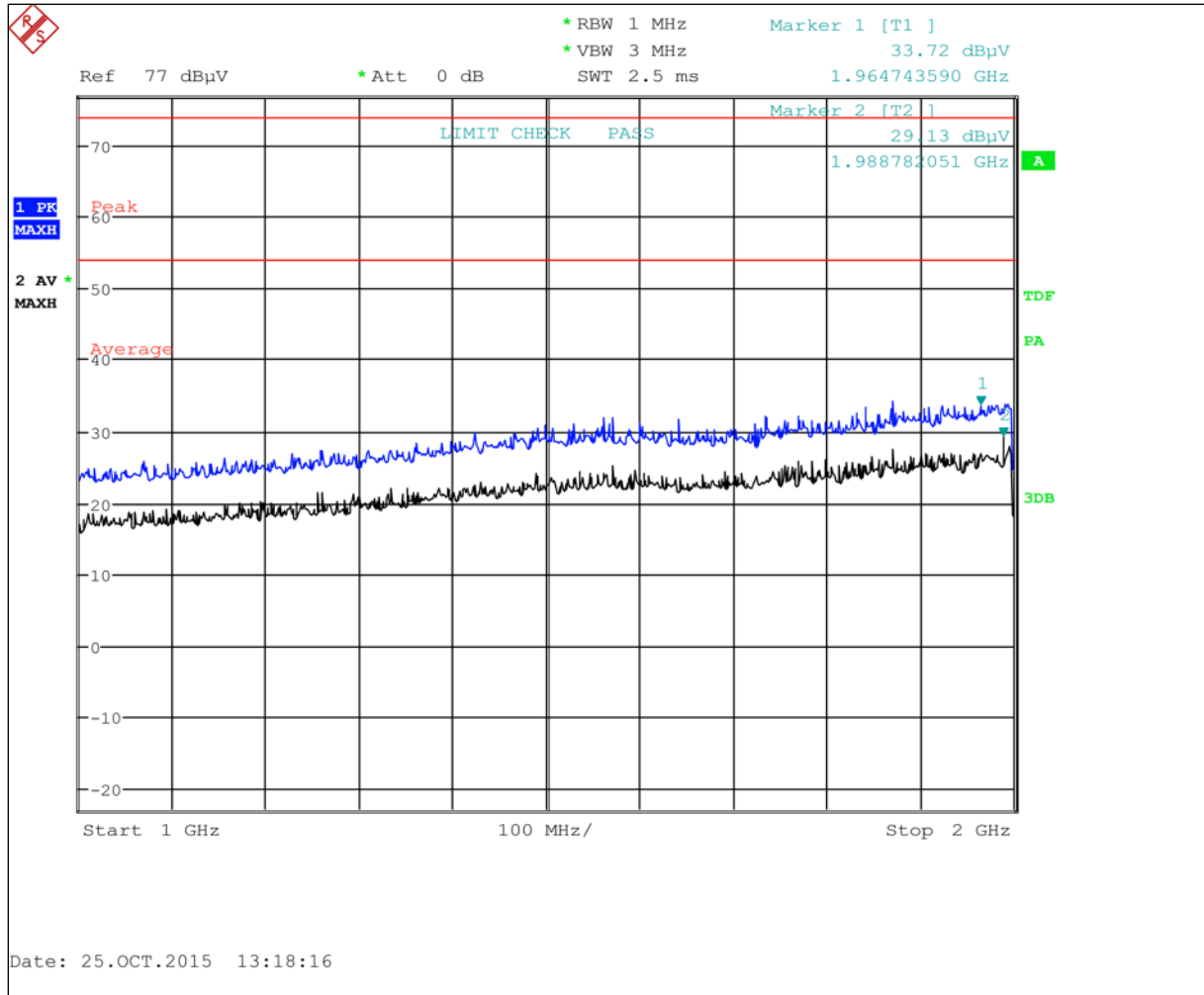
Plot 6-385: Radiated Emissions Transmit – 30 MHz – 1 GHz Vertical Peak/Average



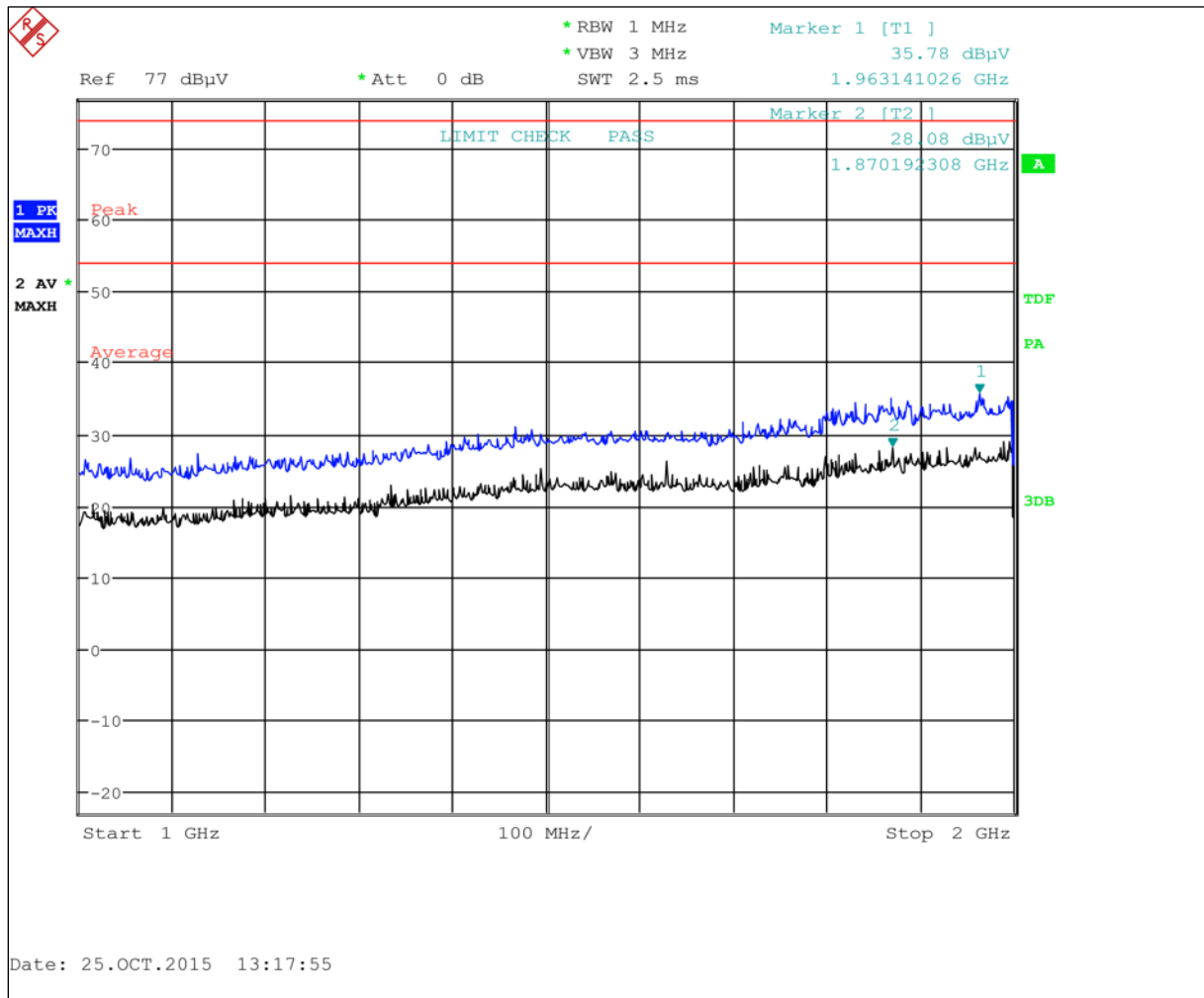
Note: Unwanted emissions were investigated as a digital device (other than harmonics) as required by 15.33(a)(3).

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

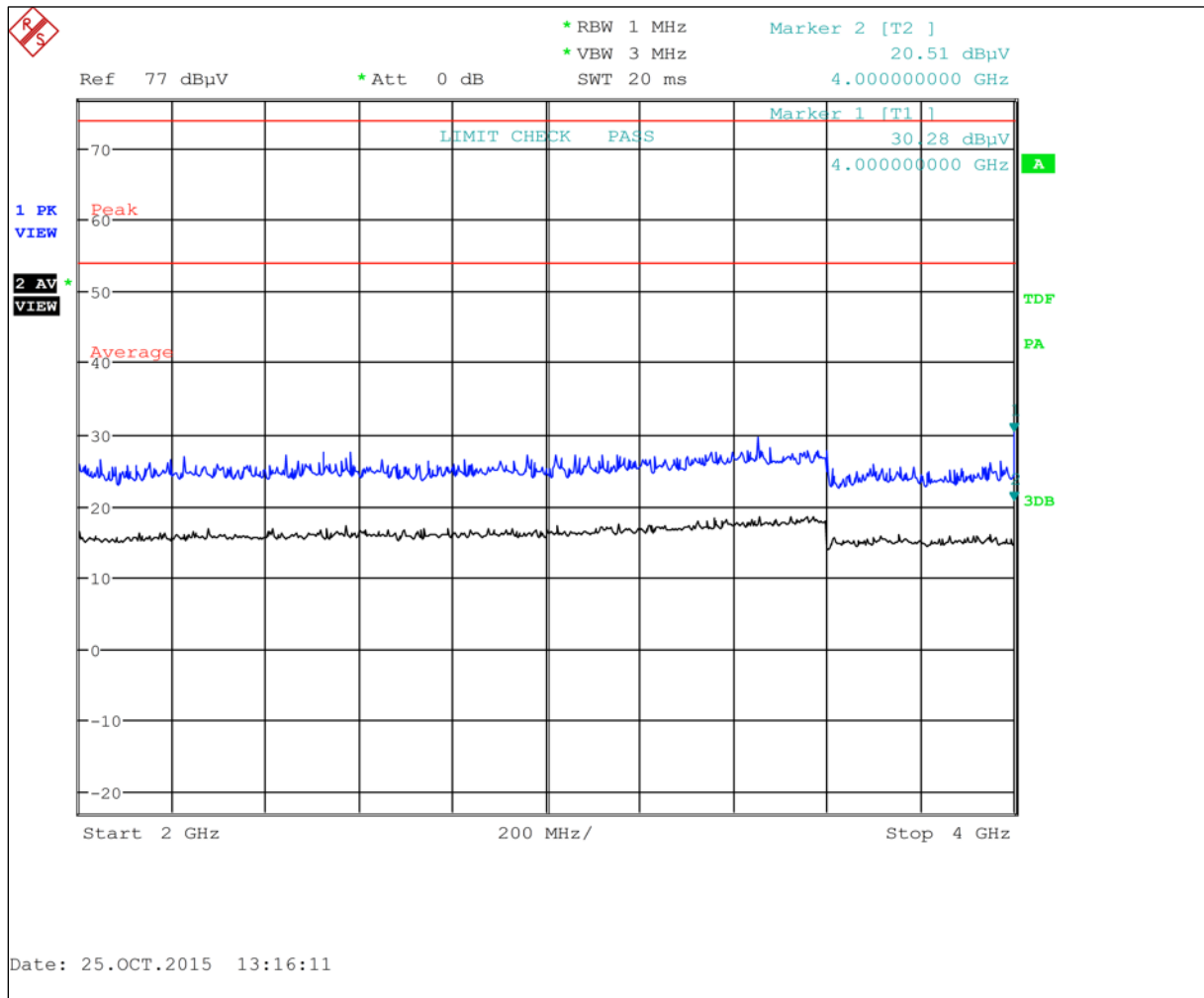
Plot 6-386: Radiated Emissions 1 GHz – 2 GHz Horizontal Peak/Average



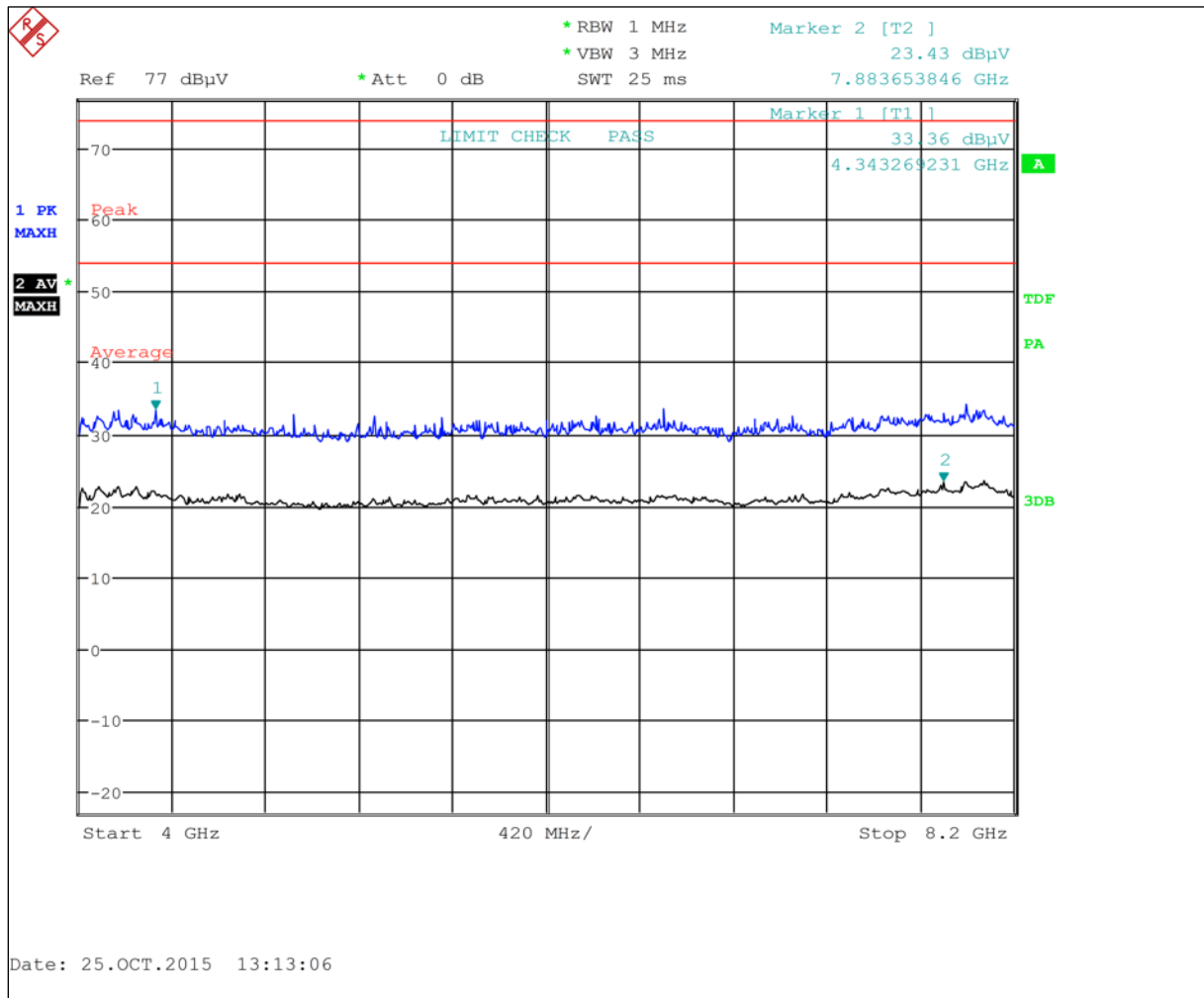
Plot 6-387: Radiated Emissions 1 GHz – 2 GHz Vertical Peak/Average



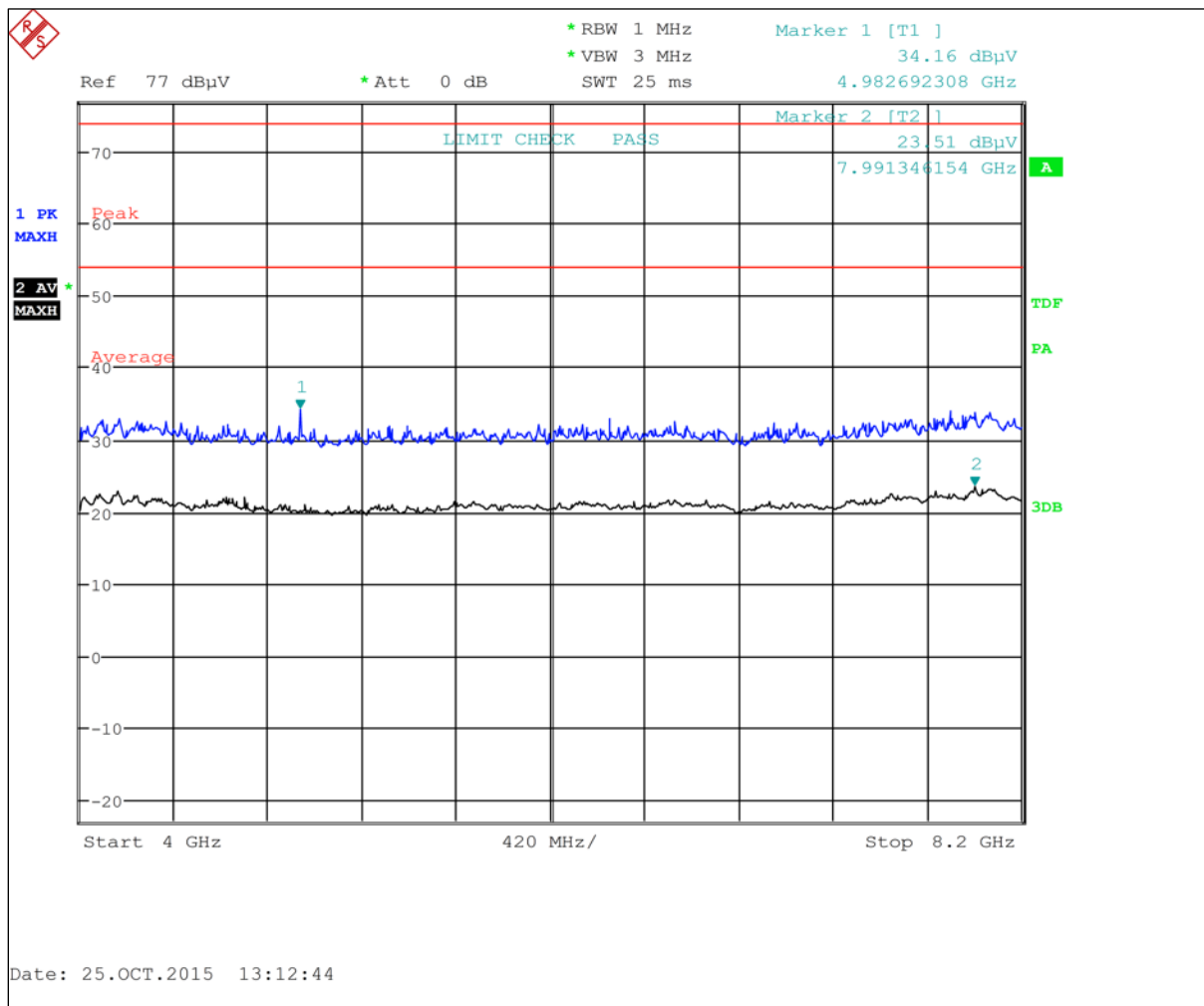
Plot 6-389: Radiated Emissions 2 GHz – 4 GHz Vertical Peak/Average



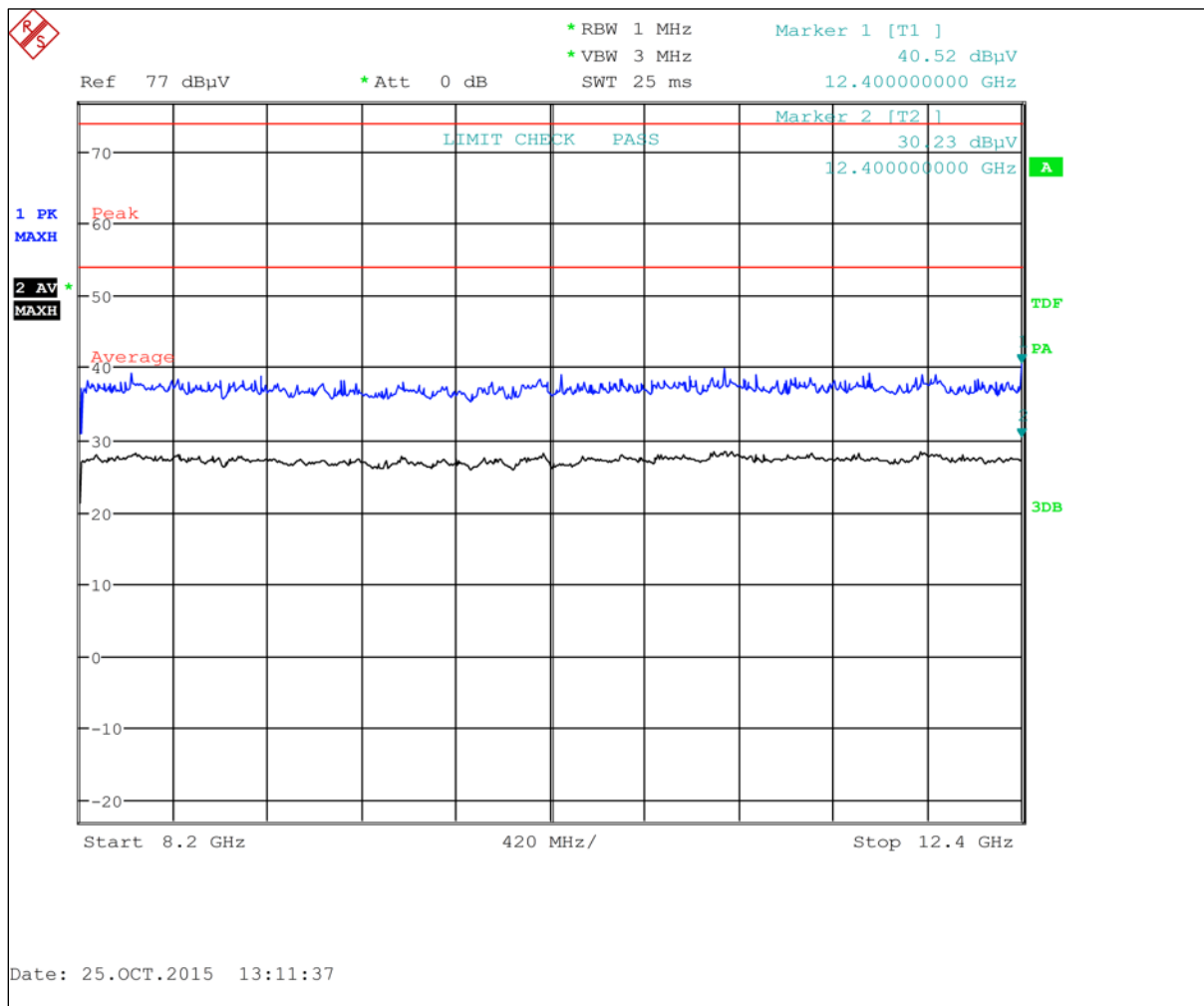
Plot 6-390: Radiated Emissions 4 GHz – 8 GHz Horizontal Peak/Average



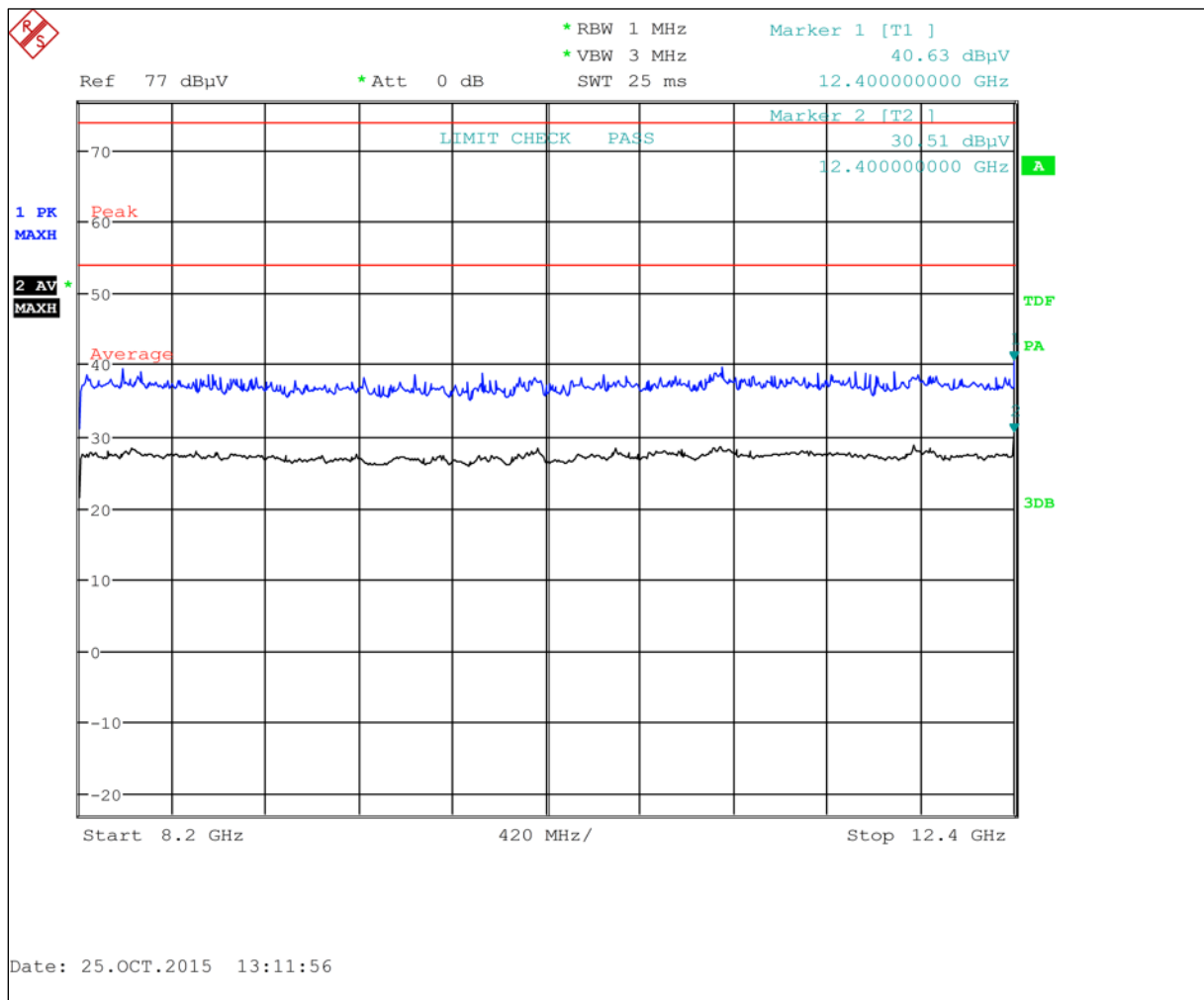
Plot 6-391: Radiated Emissions 4 GHz – 8 GHz Vertical Peak/Average



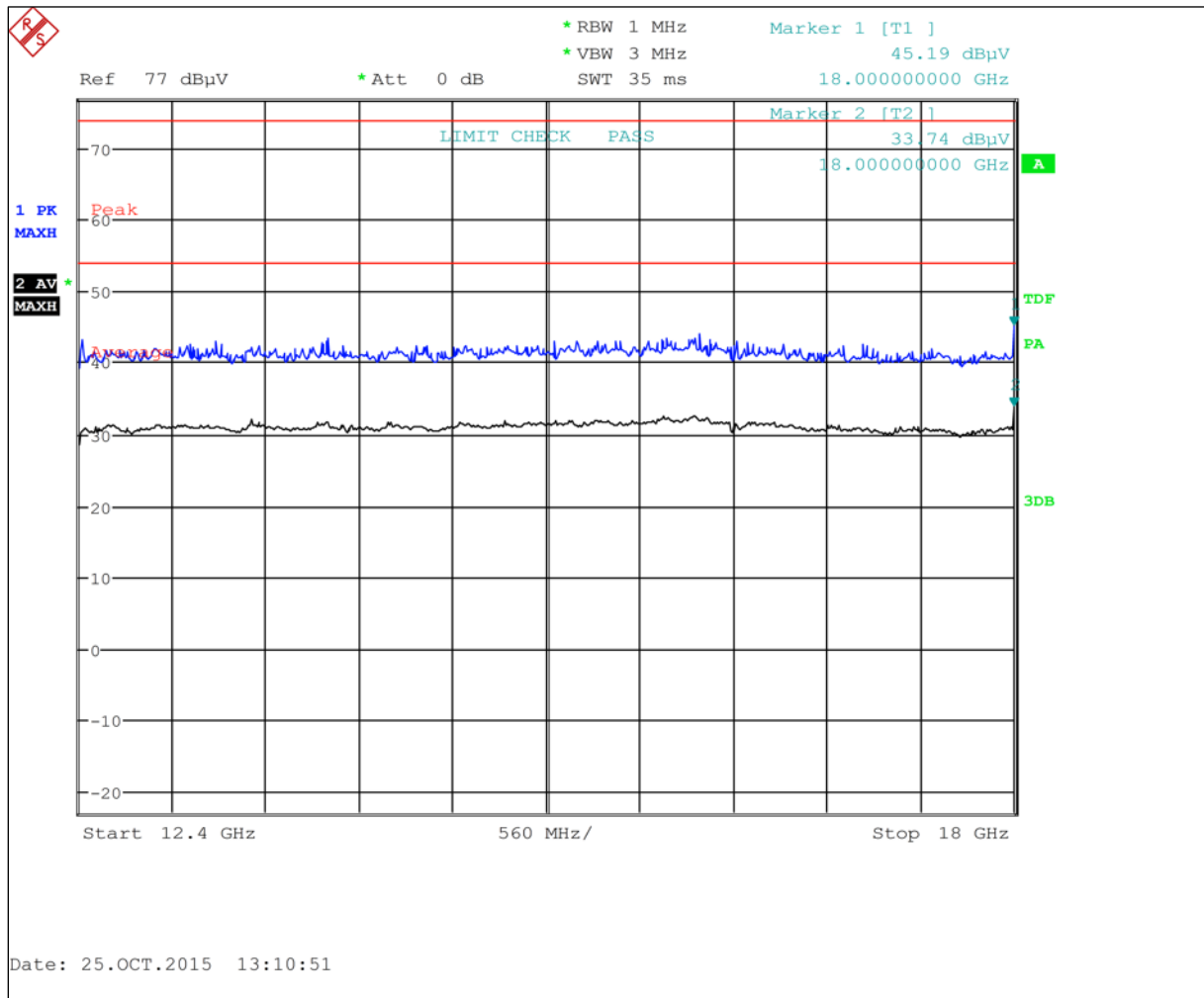
Plot 6-392: Radiated Emissions 8 GHz – 12 GHz Horizontal Peak/Average



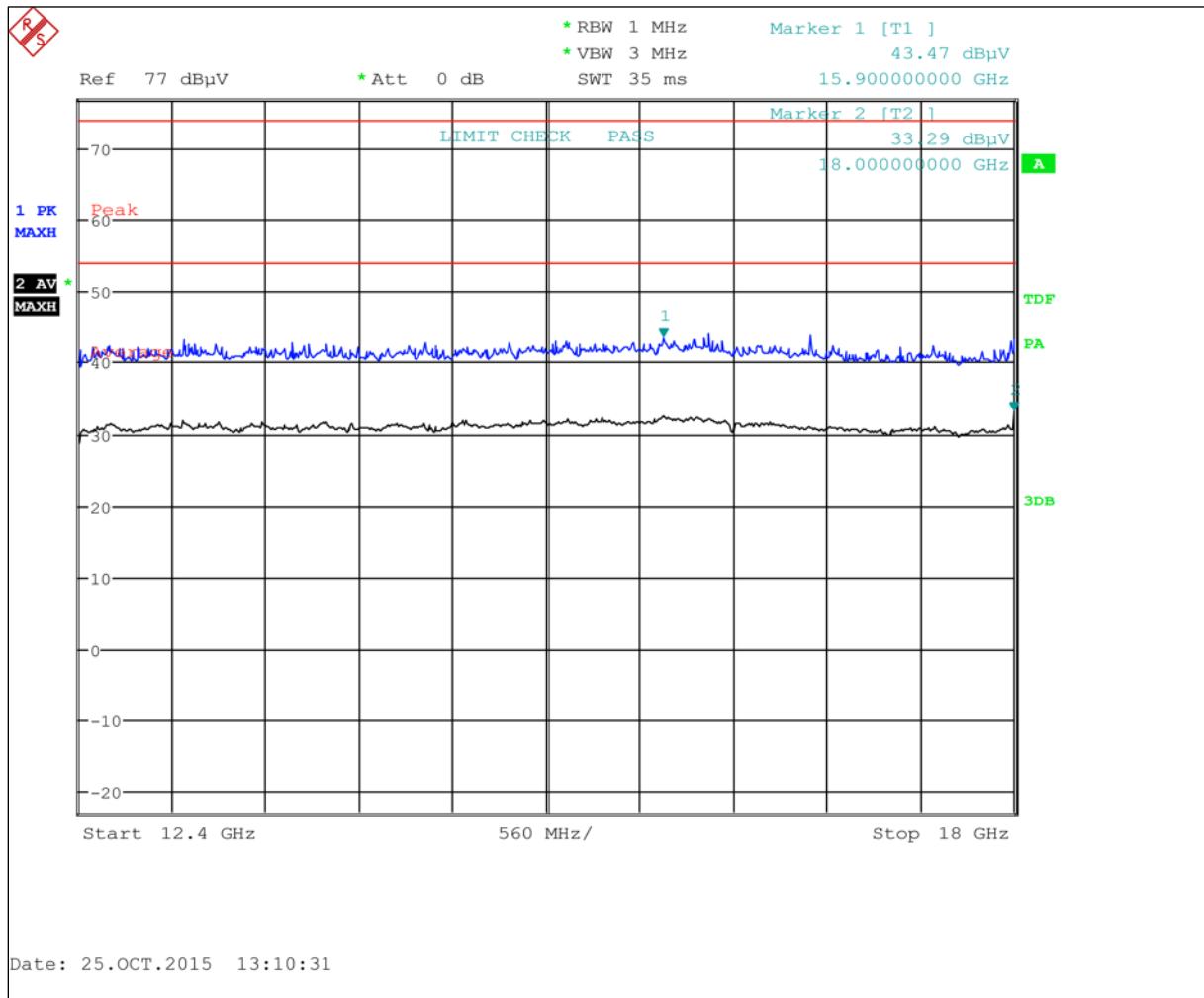
Plot 6-393: Radiated Emissions 8 GHz – 12 GHz Vertical Peak/Average



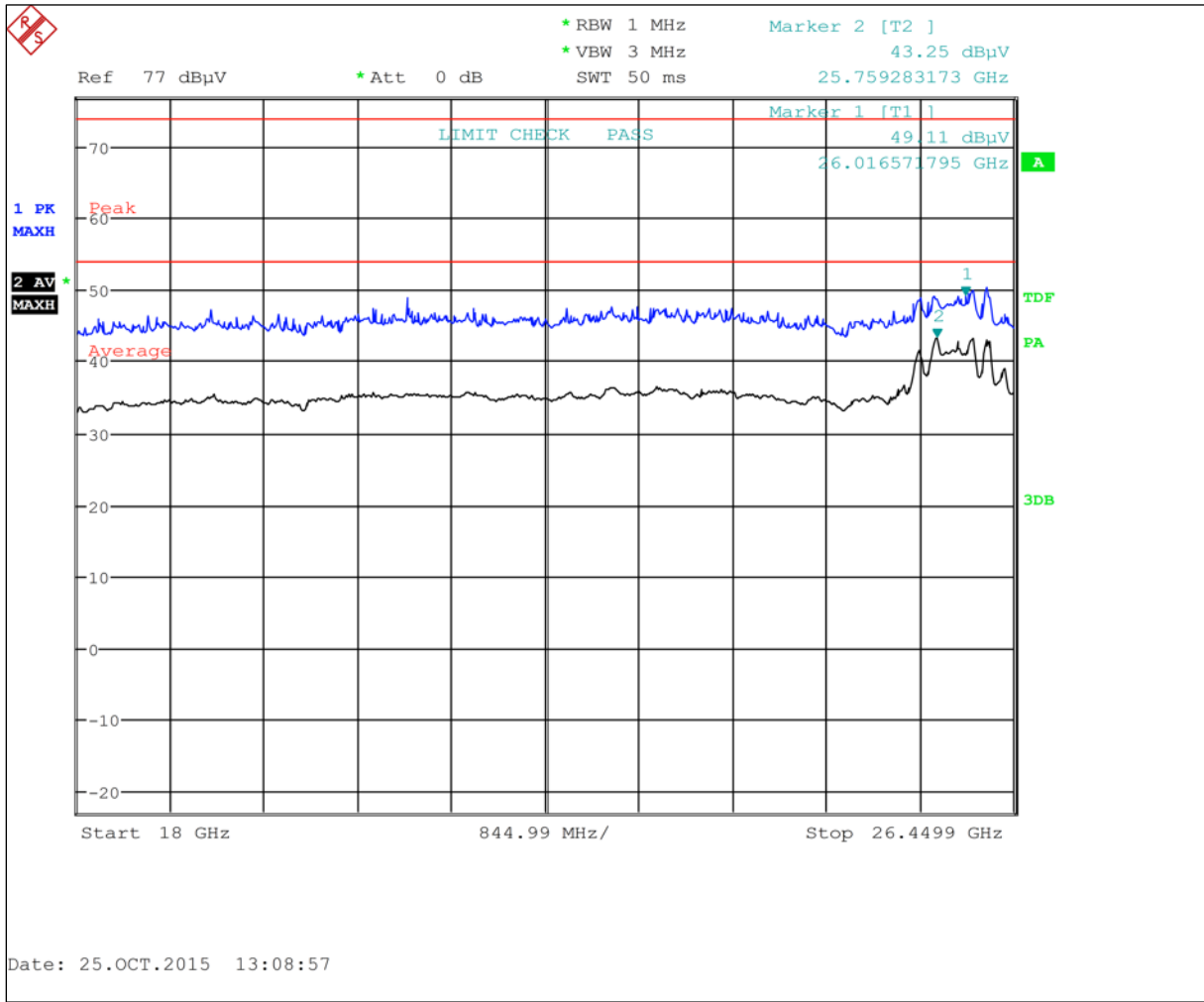
Plot 6-394: Radiated Emissions 12 GHz – 18 GHz Horizontal Peak/Average



Plot 6-395: Radiated Emissions 12 GHz – 18 GHz Vertical Peak/Average



Plot 6-396: Radiated Emissions 18 GHz – 26 GHz Horizontal Peak/Average



Plot 6-397: Radiated Emissions 18 GHz – 26 GHz Vertical Peak/Average

