

6.3.2.13 Radiated Emissions Carrier Test Data - TC#5 Concrete Container

Plot 6-272: Radiated Emissions of Carrier - TC #5 Concrete Container

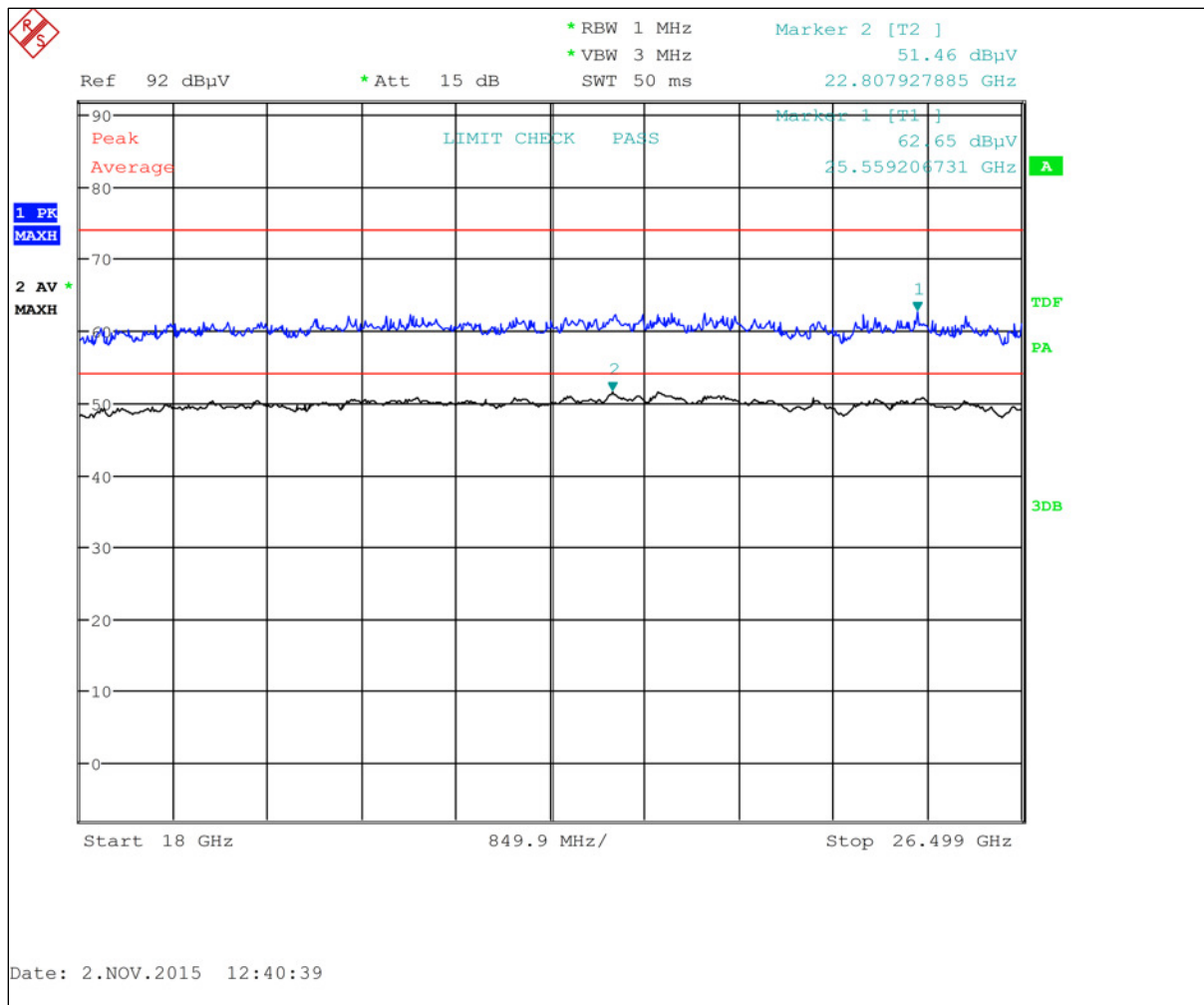
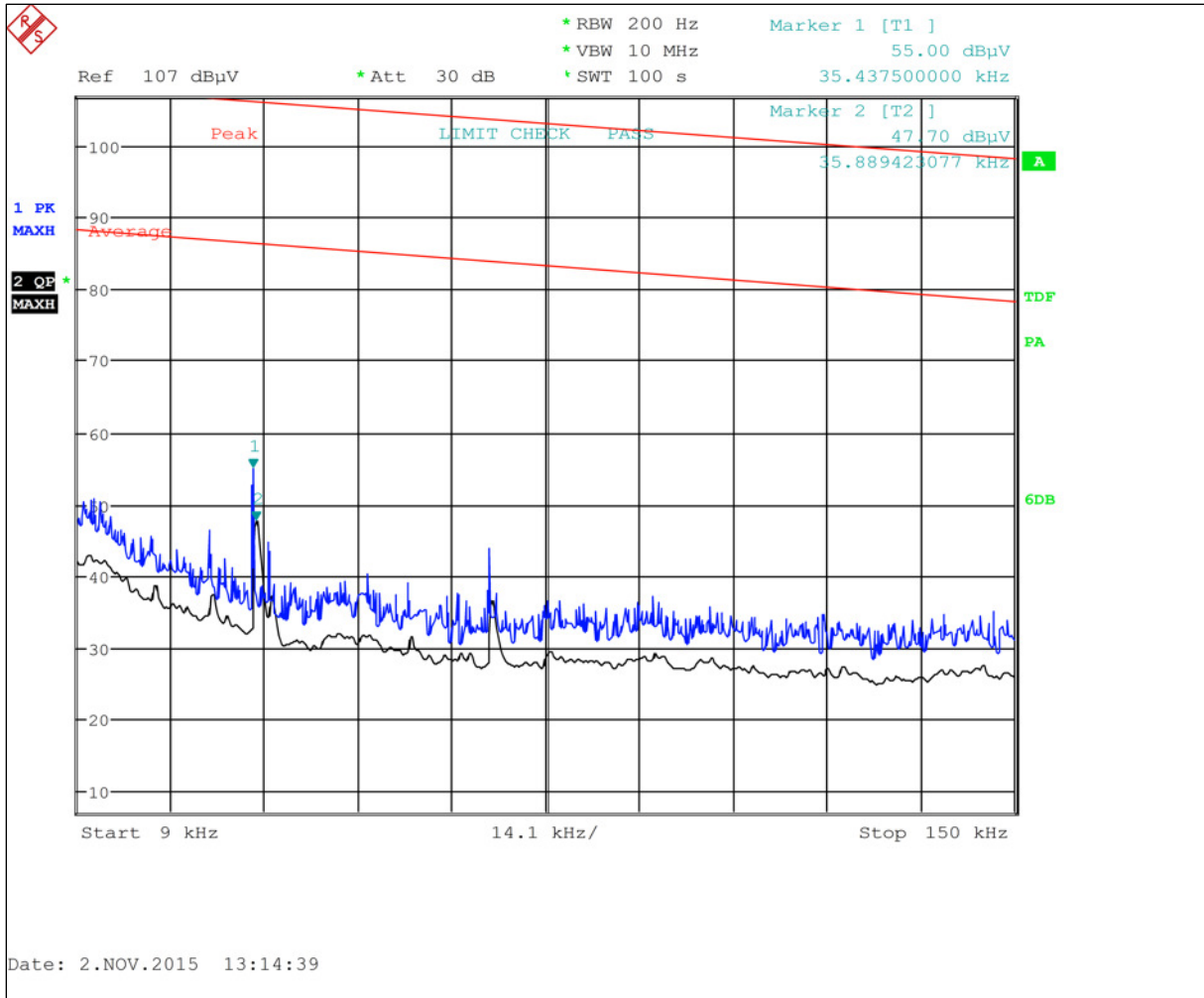


Table 6-14: Radiated Emissions of Carrier – TC #5 Concrete Container

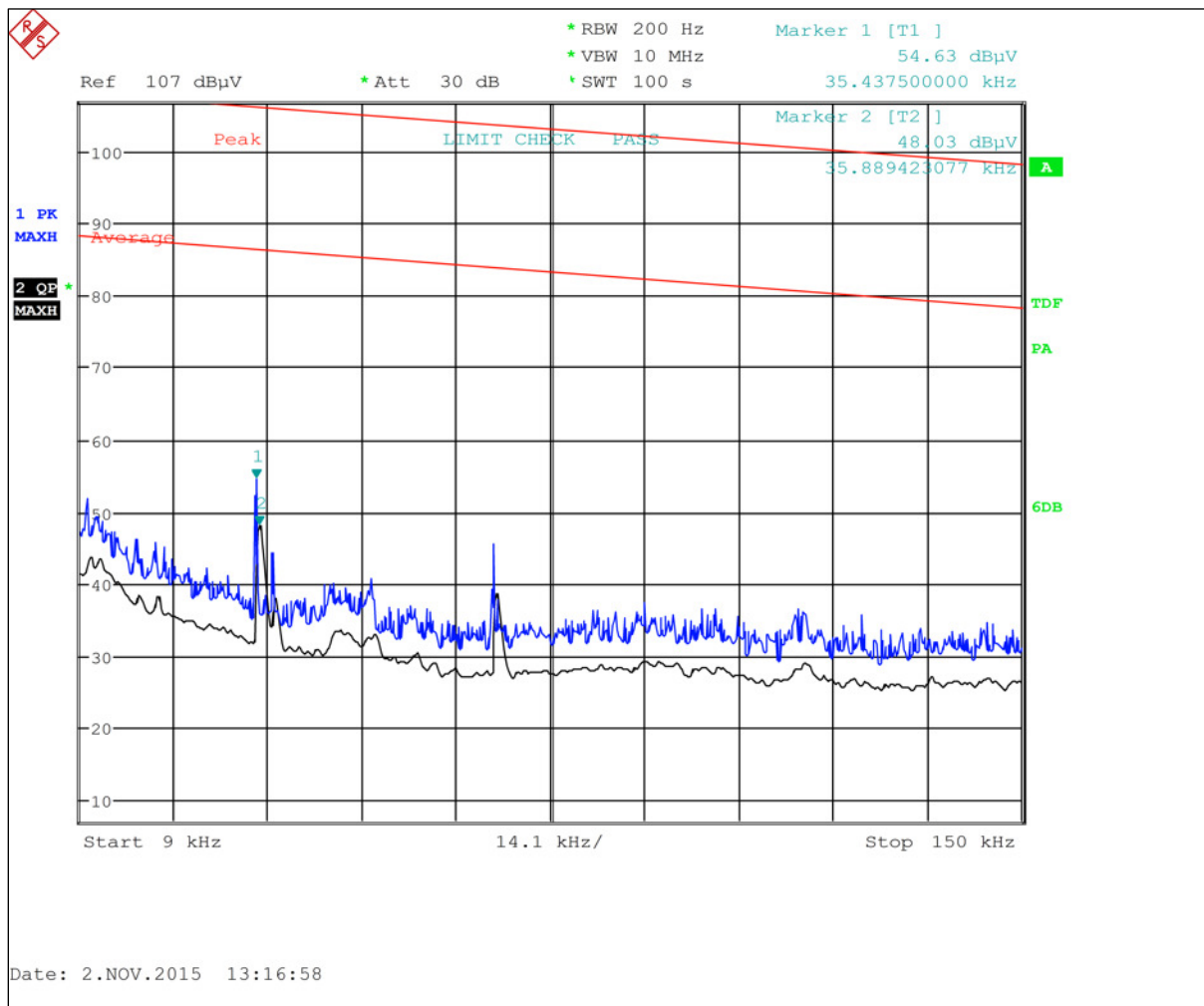
Frequency (GHz)	Detector	Test Antenna Pol	Corrected Spectrum Analyzer Level (dBμV/m)	FCC Limit (dBμV)	Margin (dB)	Corrected Spectrum Analyzer Level (dBm/MHz)	IC Limit (dBm/MHz)	Margin (dBm)
25.5592	Peak	H	62.6	74.0	-11.4	NA		
22.8079	Average	H	51.5	54.0	-2.5	-43.7	-41.3	2.4

6.3.2.14 Radiated Emissions Below 1 GHz Test Data – TC#5 Concrete Container

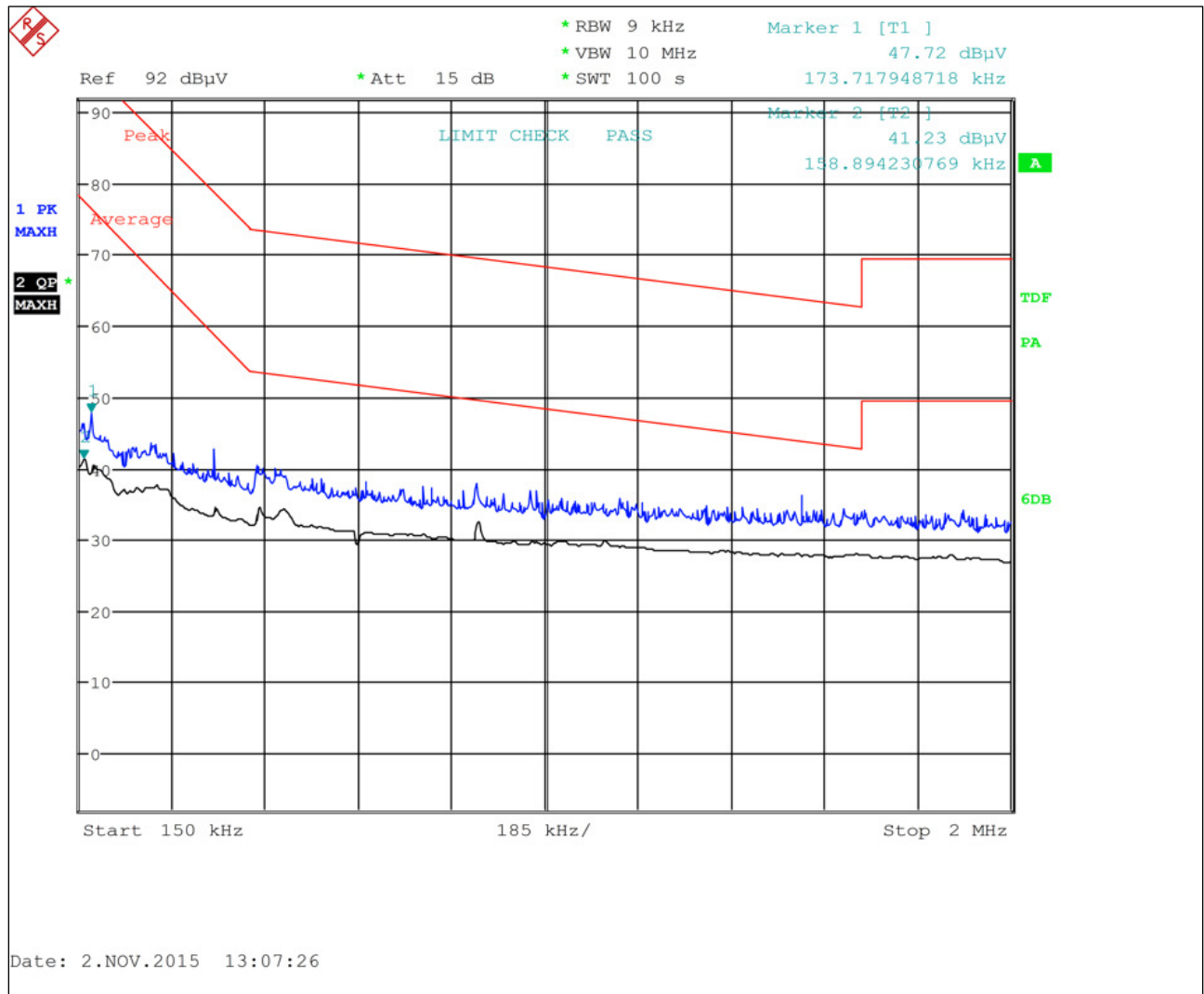
Plot 6-273: Radiated Emissions Transmit – 9 kHz – 150 kHz Horizontal Peak/Average



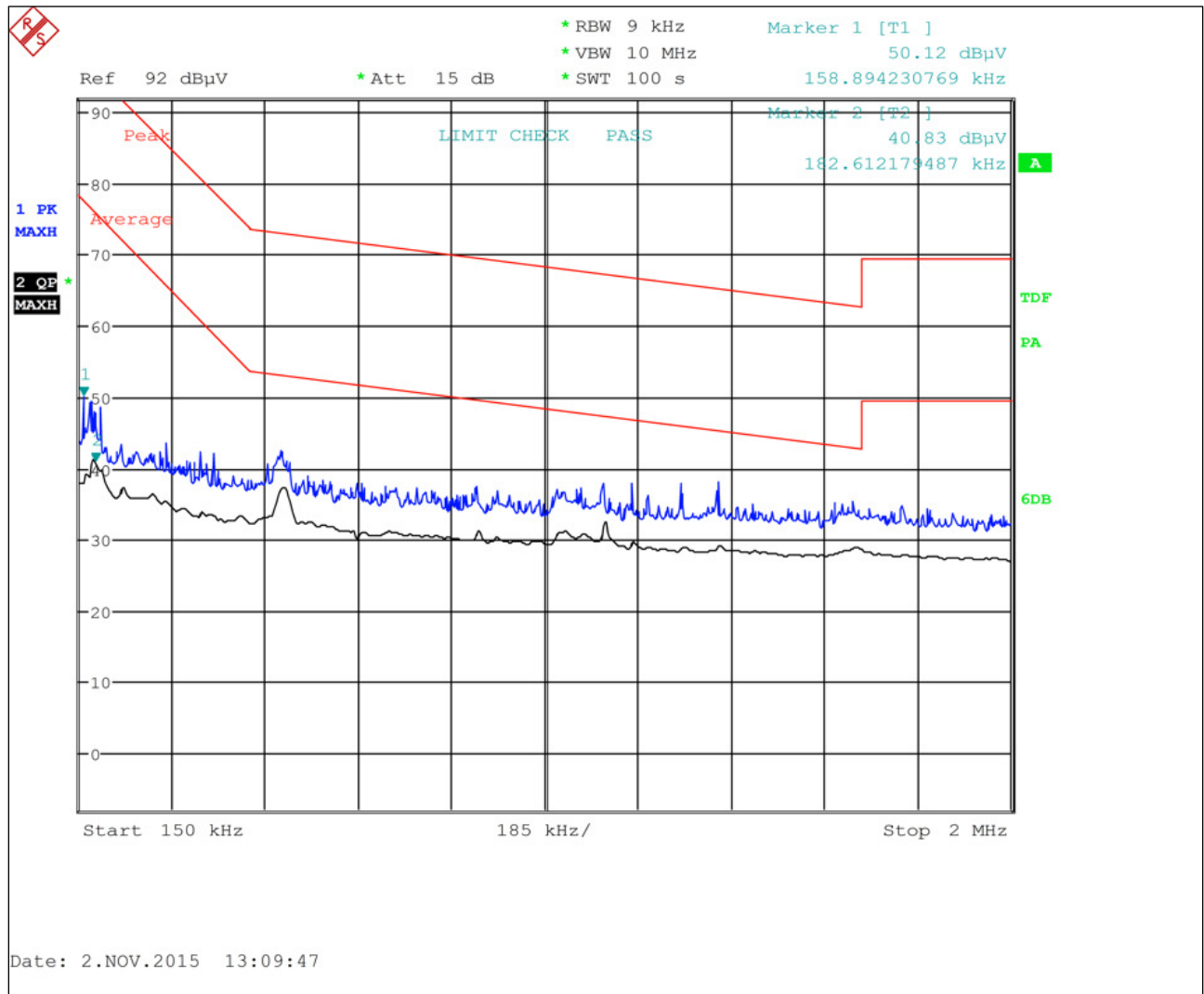
Plot 6-274: Radiated Emissions Transmit – 9 kHz – 150 kHz Vertical Peak/Average



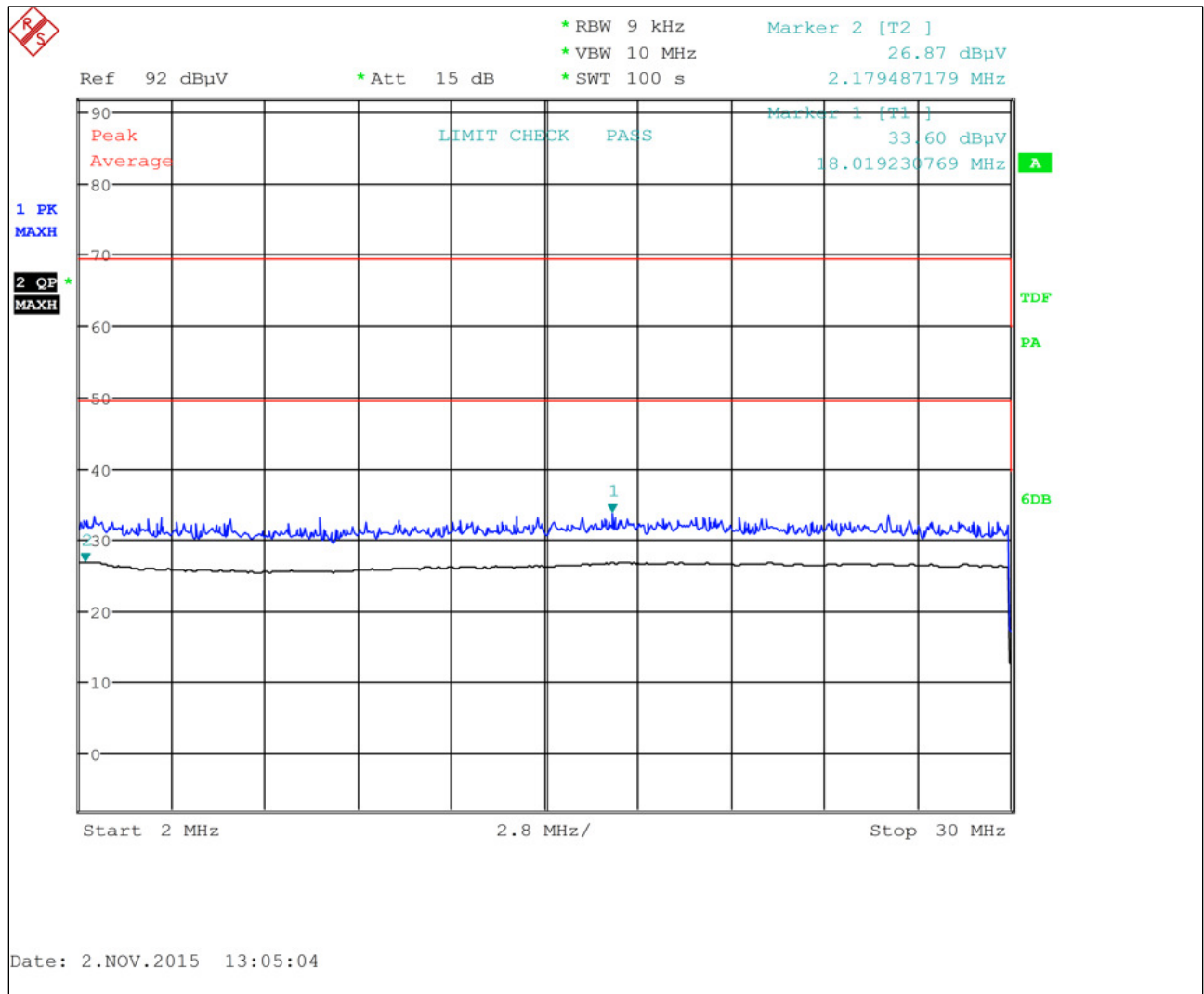
Plot 6-275: Radiated Emissions Transmit – 150 kHz – 2 MHz Horizontal Peak/Average



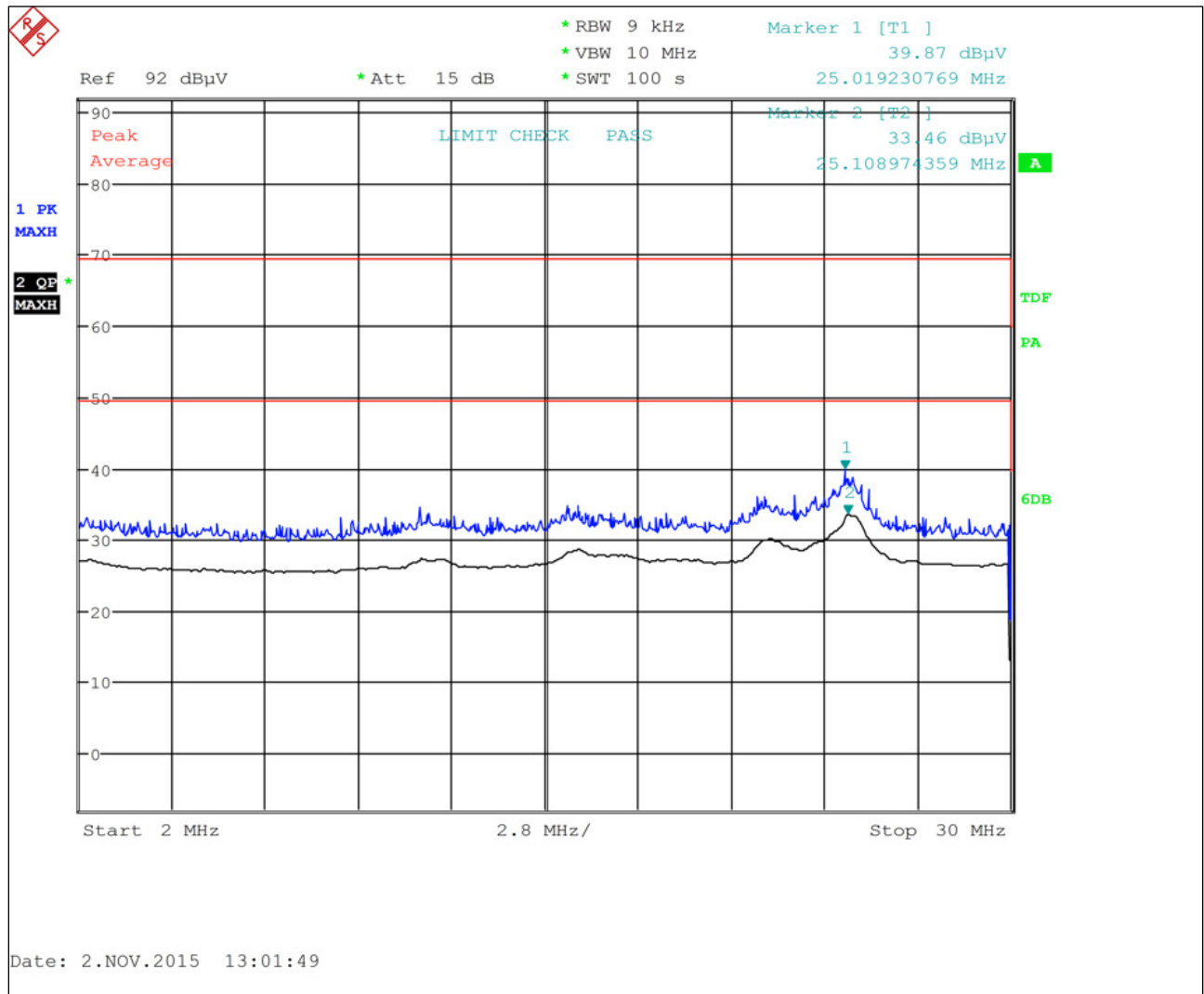
Plot 6-276: Radiated Emissions Transmit – 150 kHz – 2 MHz Vertical Peak/Average



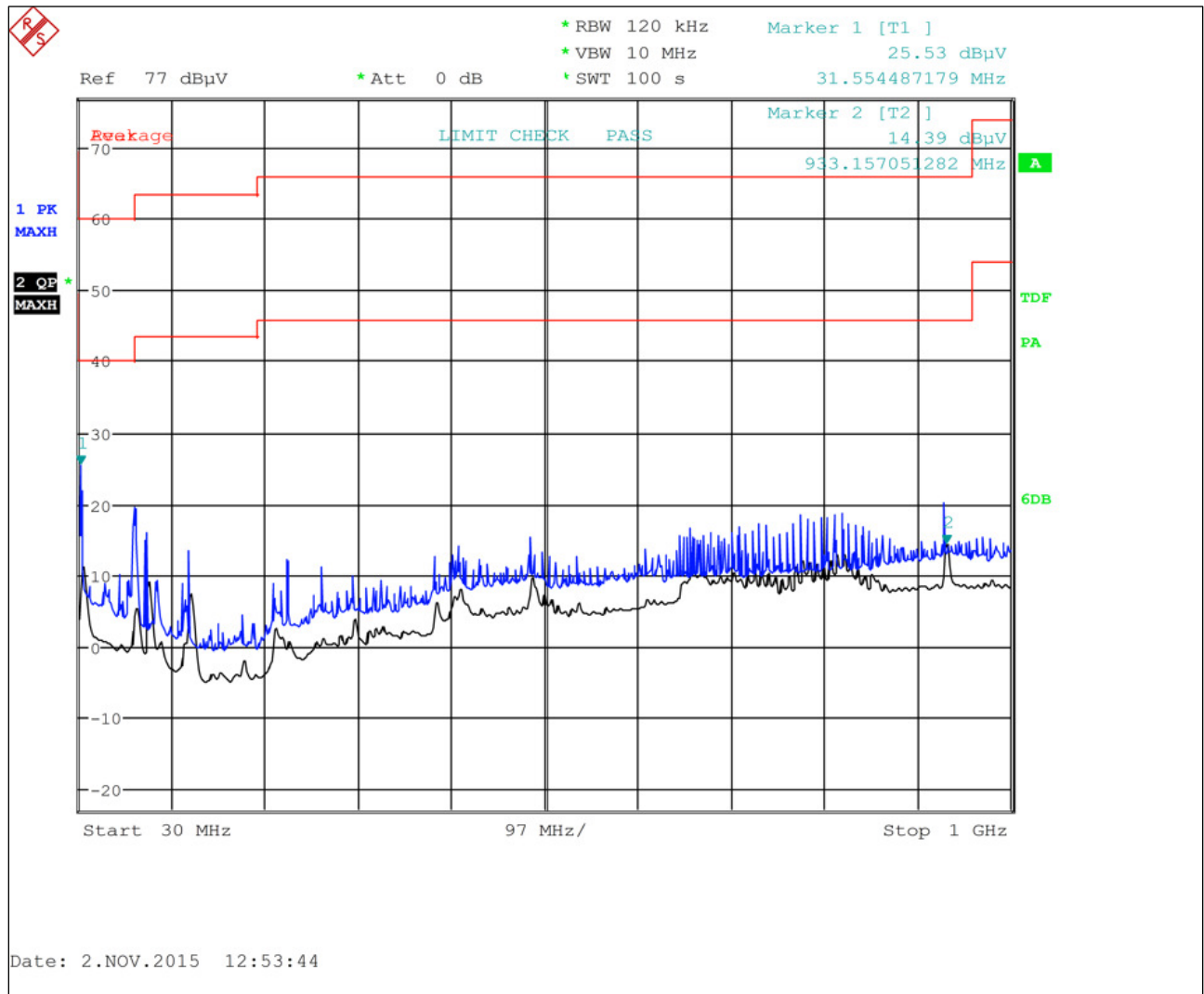
Plot 6-277: Radiated Emissions Transmit – 2 MHz – 30 MHz Horizontal Peak/Average



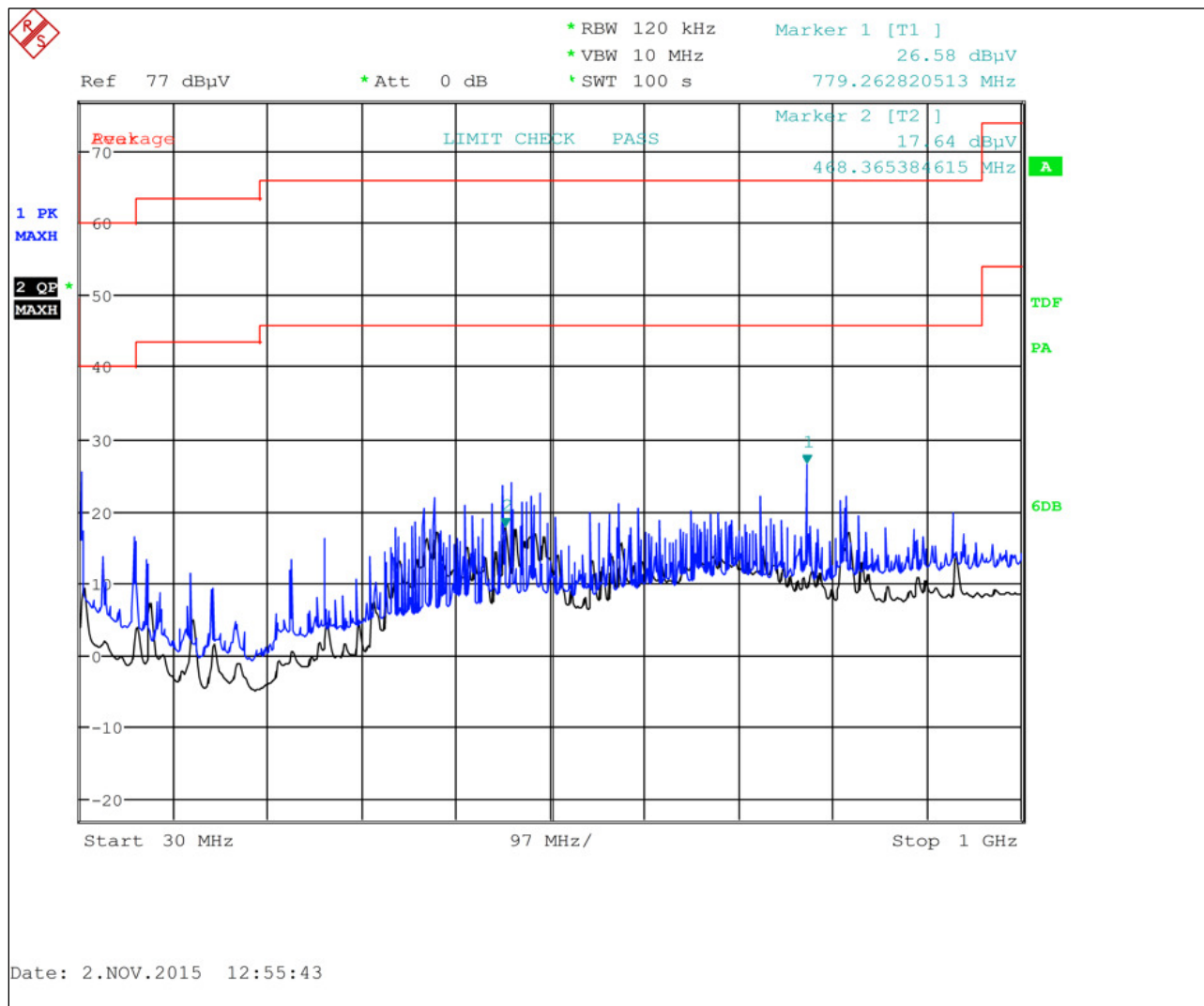
Plot 6-278: Radiated Emissions Transmit – 2 MHz – 30 MHz Vertical Peak/Average



Plot 6-279: Radiated Emissions Transmit – 30 MHz – 1 GHz Horizontal Peak/Average



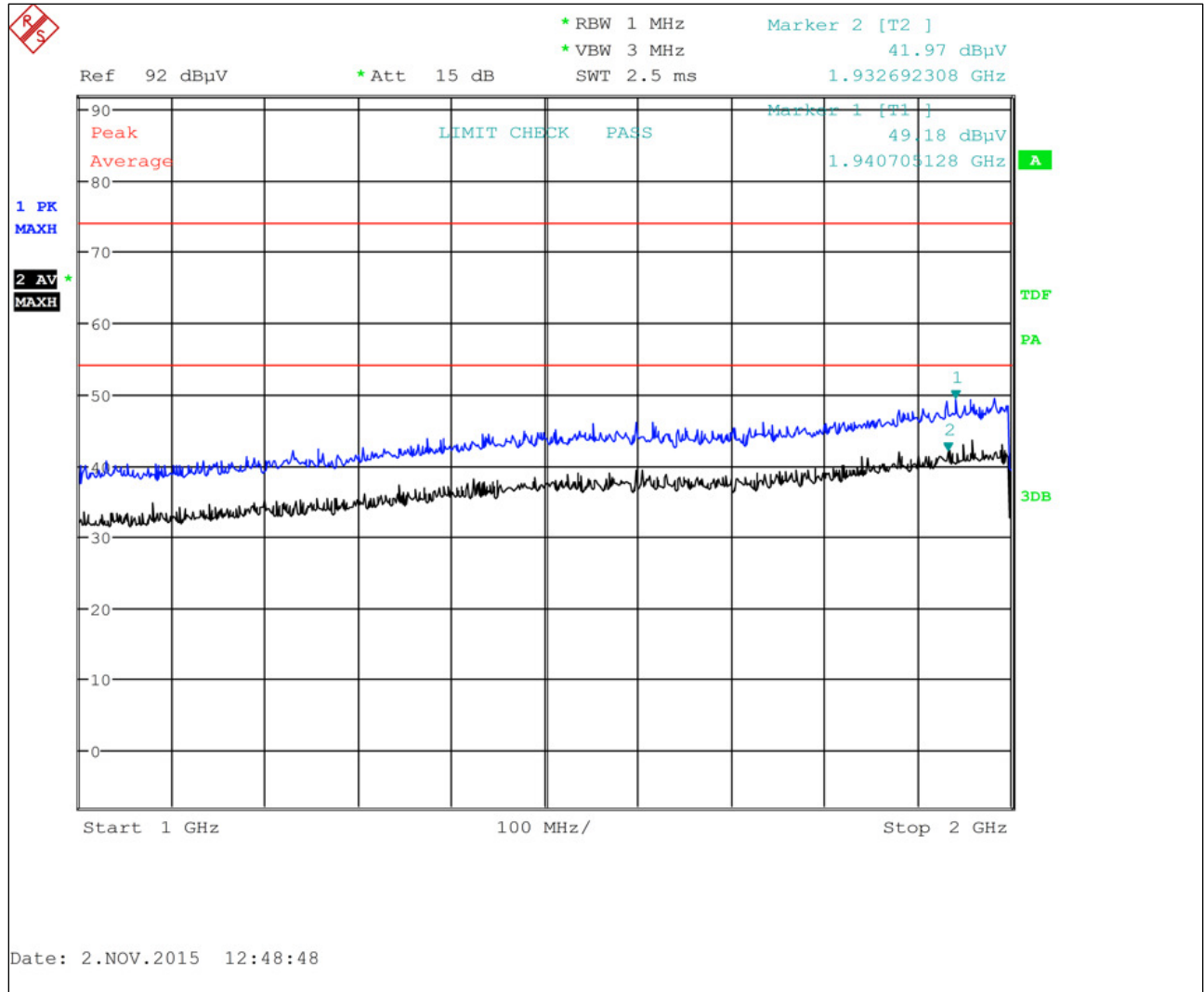
Plot 6-280: Radiated Emissions Transmit – 30 MHz – 1 GHz Vertical Peak/Average



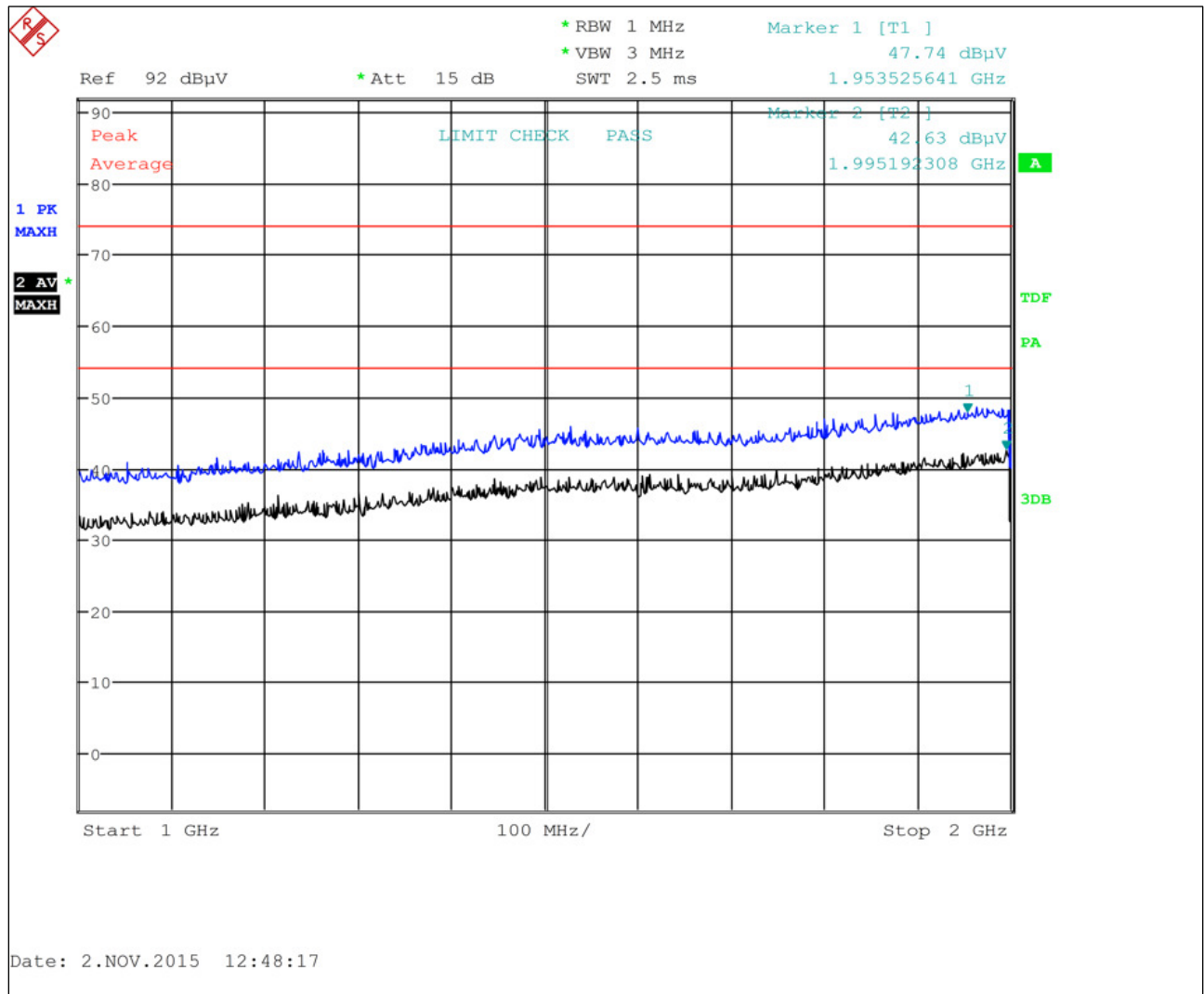
Note: Unwanted emissions were investigated as a digital device (other than harmonics) as required by 15.33(a)(3).

6.3.2.15 Radiated Emissions 1 GHz – 26 GHz Test Data – TC#5 Concrete Container

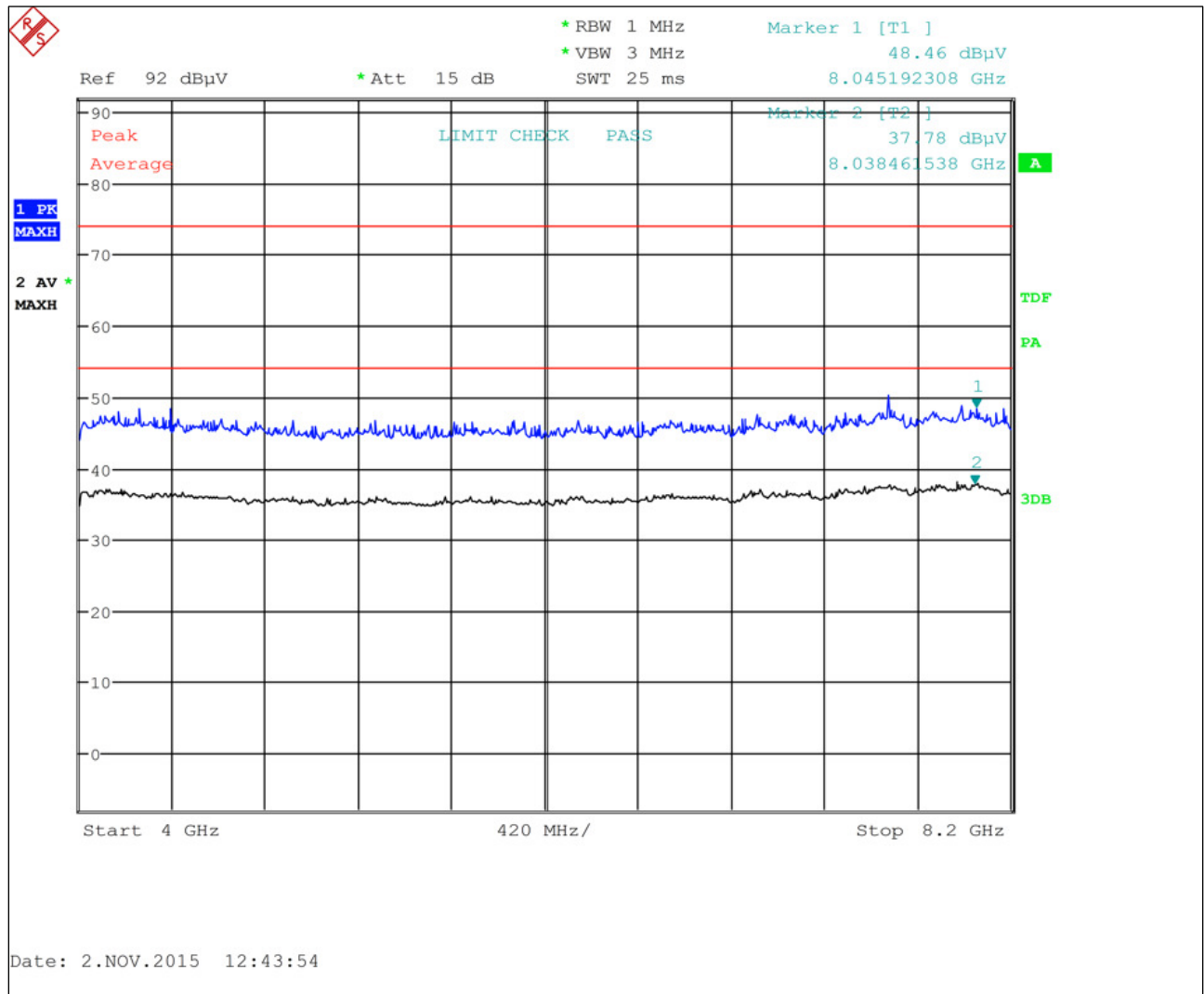
Plot 6-281: Radiated Emissions 1 GHz – 2 GHz Horizontal Peak/Average



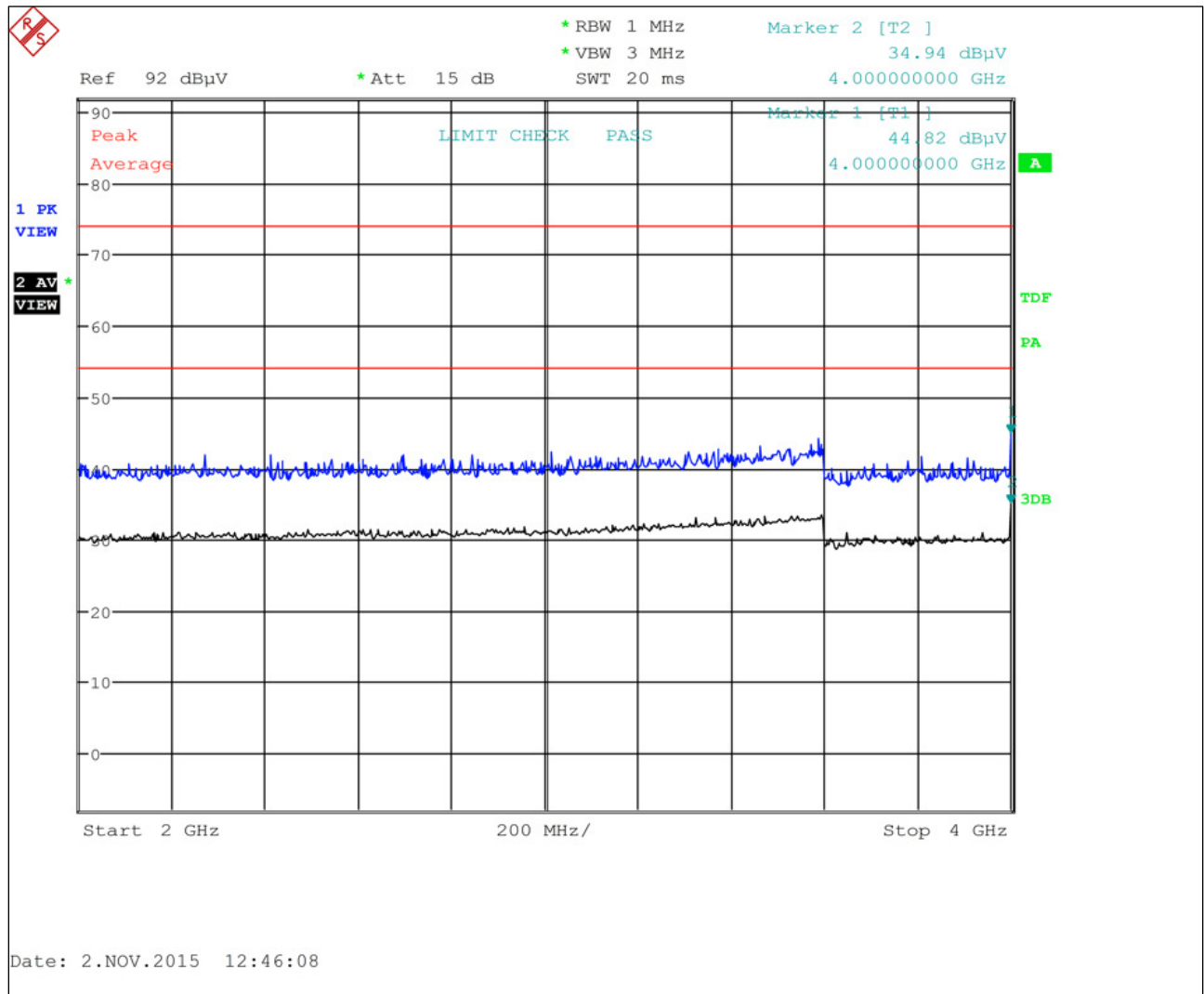
Plot 6-282: Radiated Emissions 1 GHz – 2 GHz Vertical Peak/Average



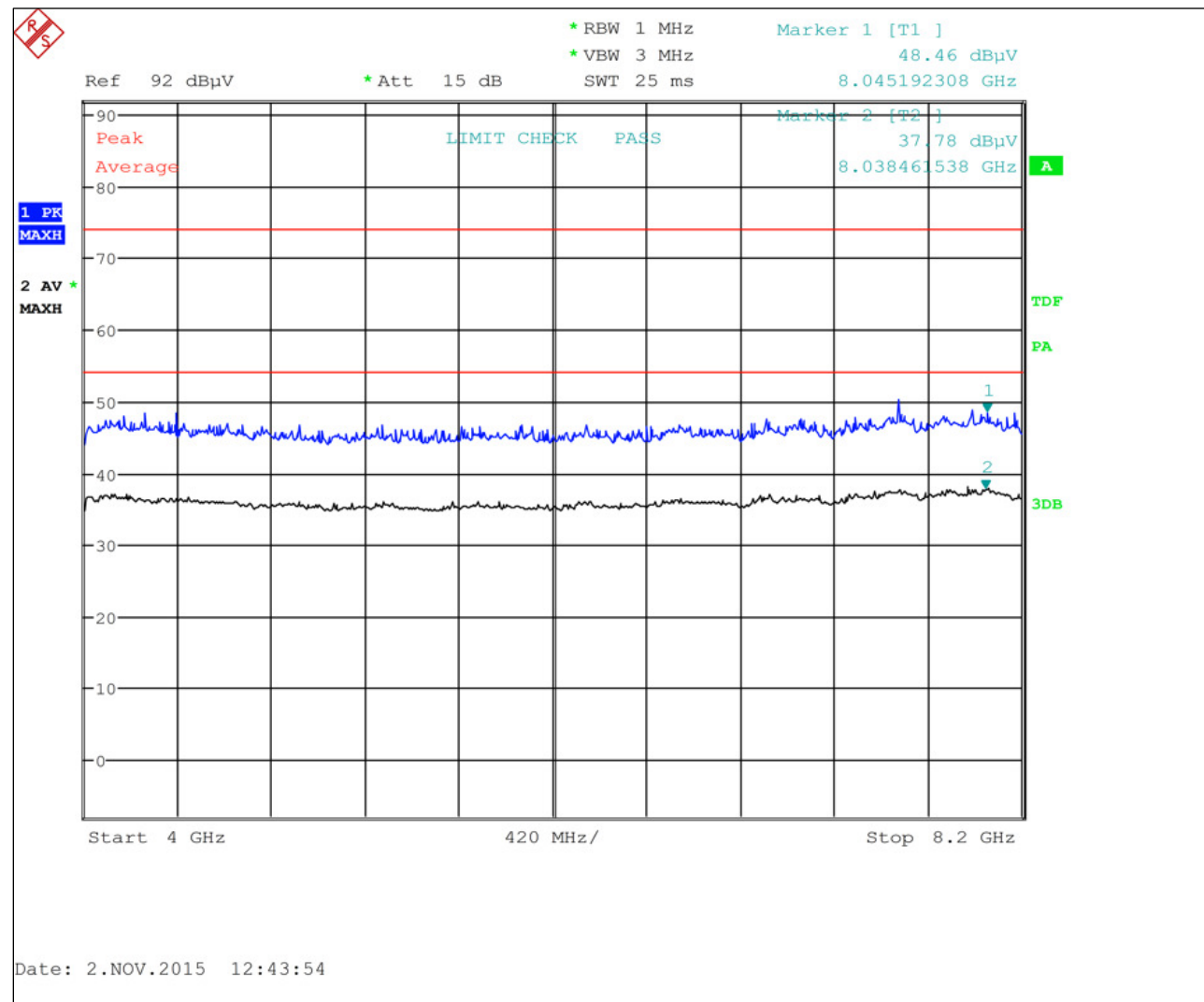
Plot 6-283: Radiated Emissions 2 GHz – 4 GHz Horizontal Peak/Average



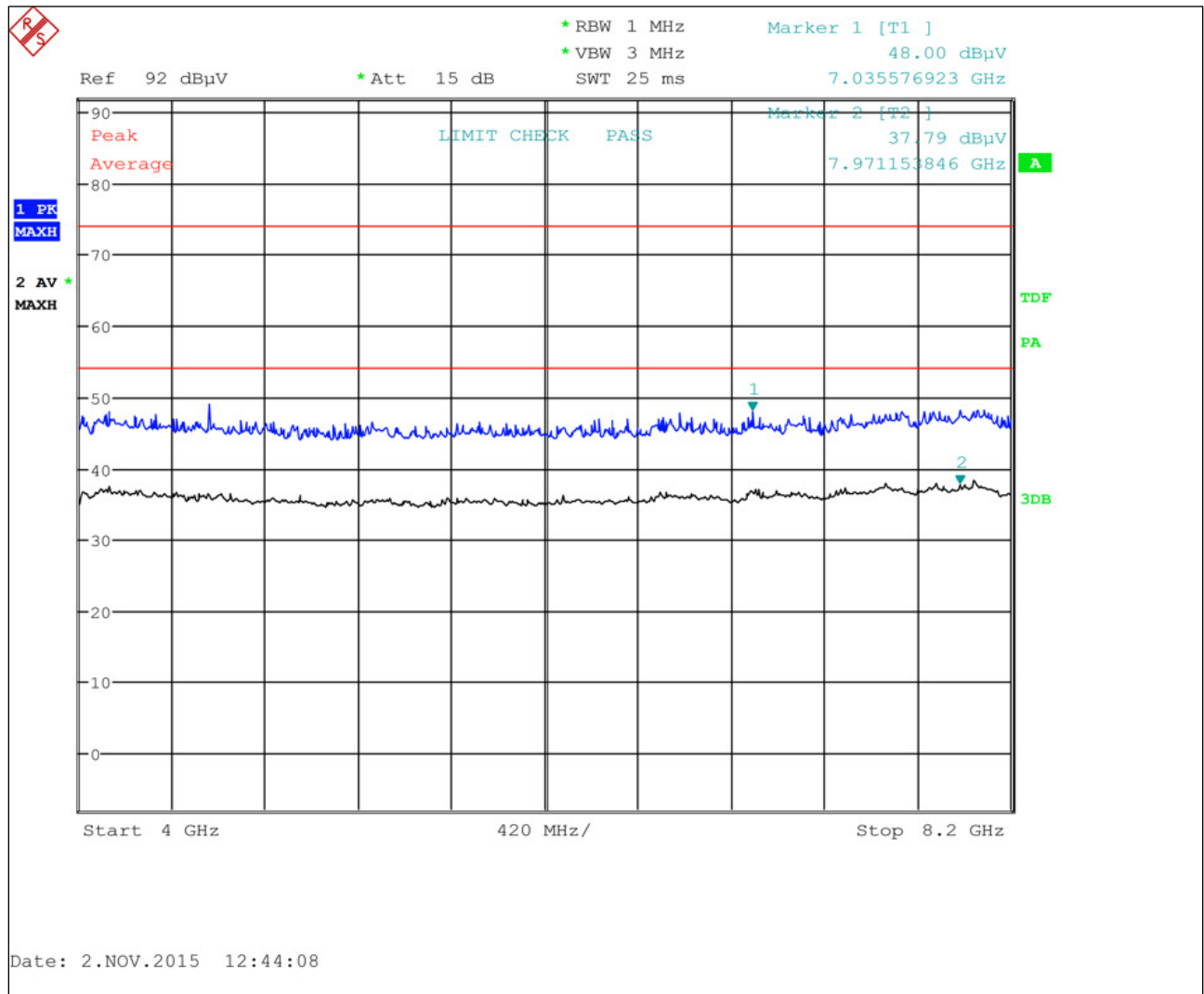
Plot 6-284: Radiated Emissions 2 GHz – 4 GHz Vertical Peak/Average



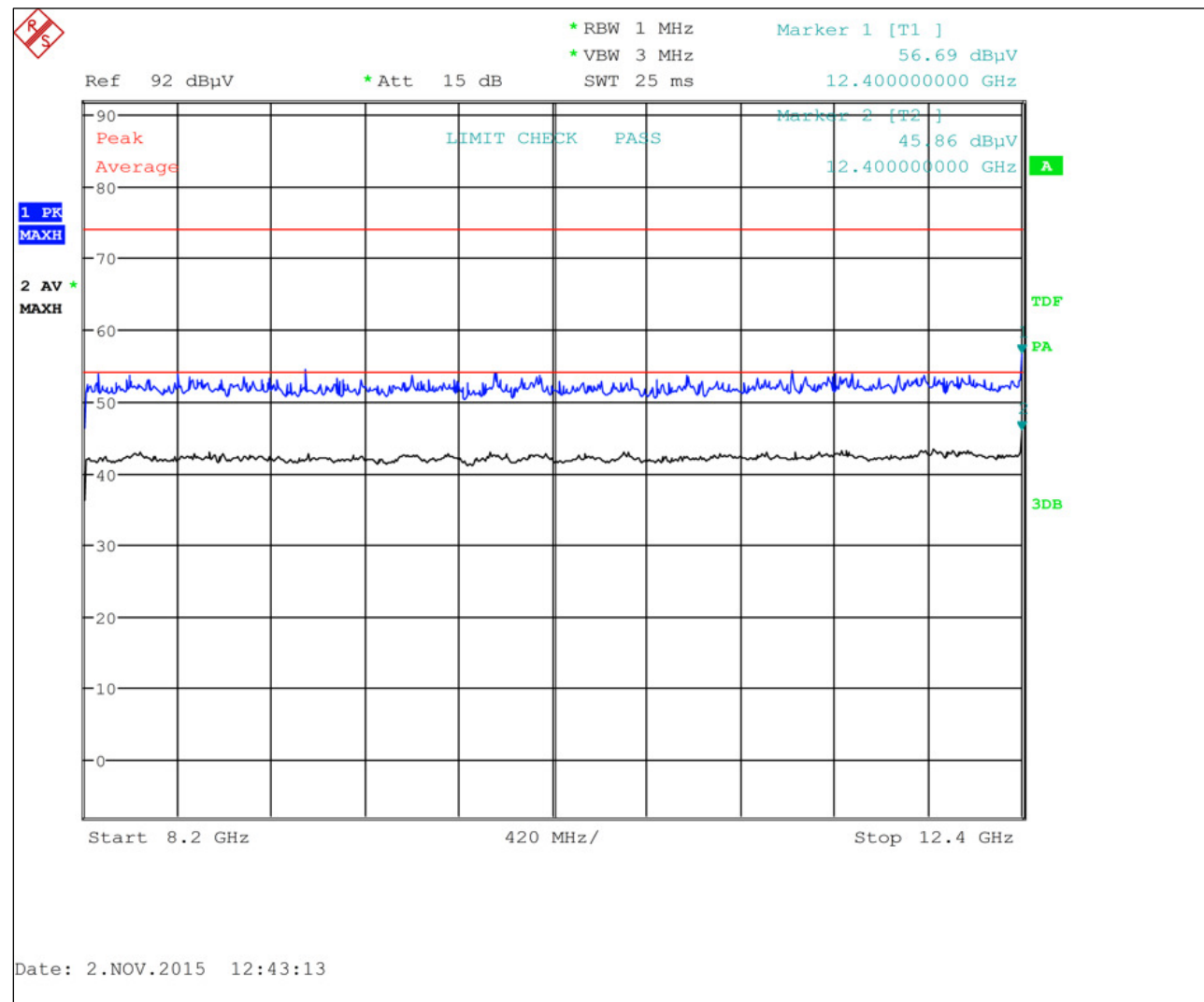
Plot 6-285: Radiated Emissions 4 GHz – 8 GHz Horizontal Peak/Average



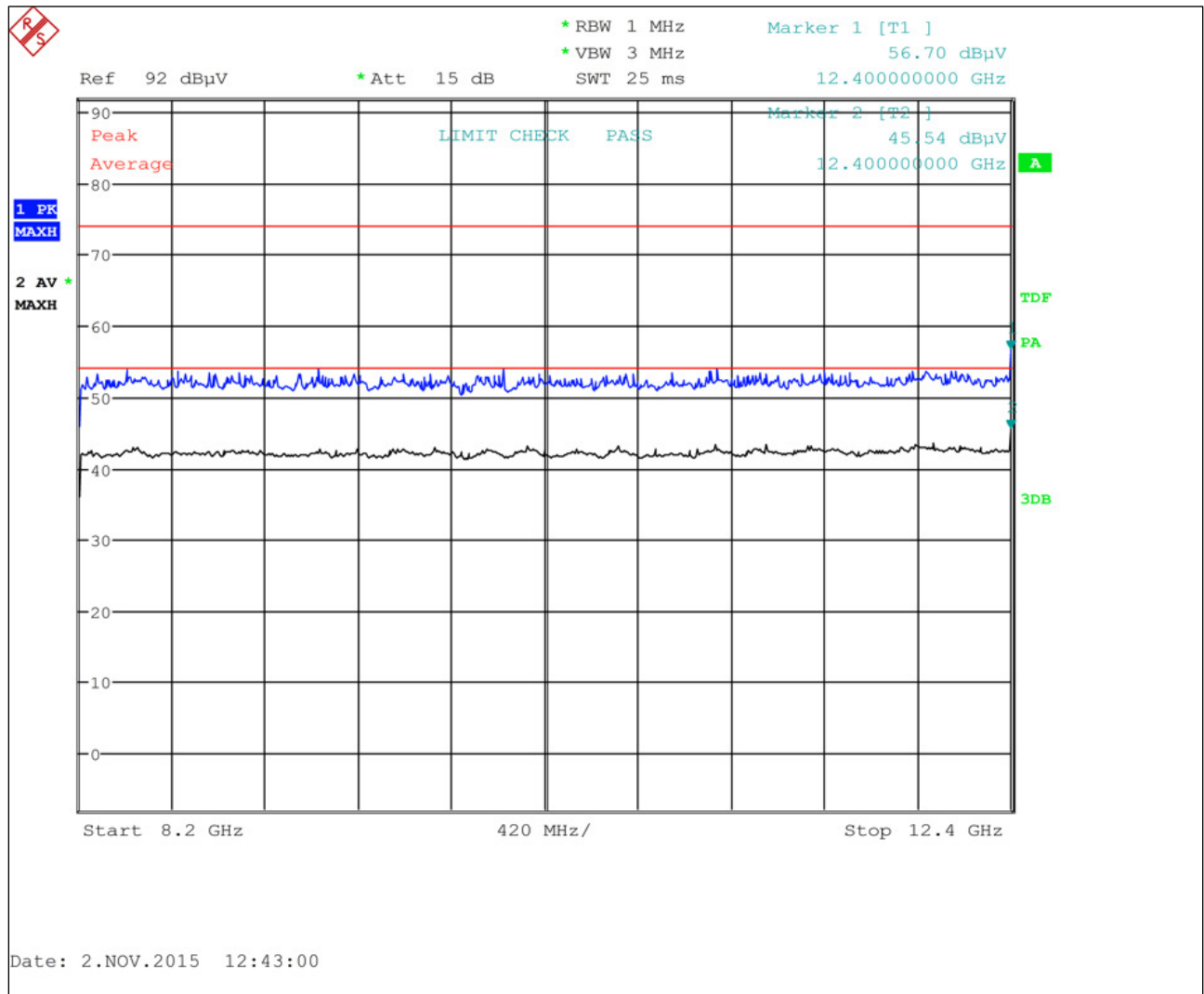
Plot 6-286: Radiated Emissions 4 GHz – 8 GHz Vertical Peak/Average



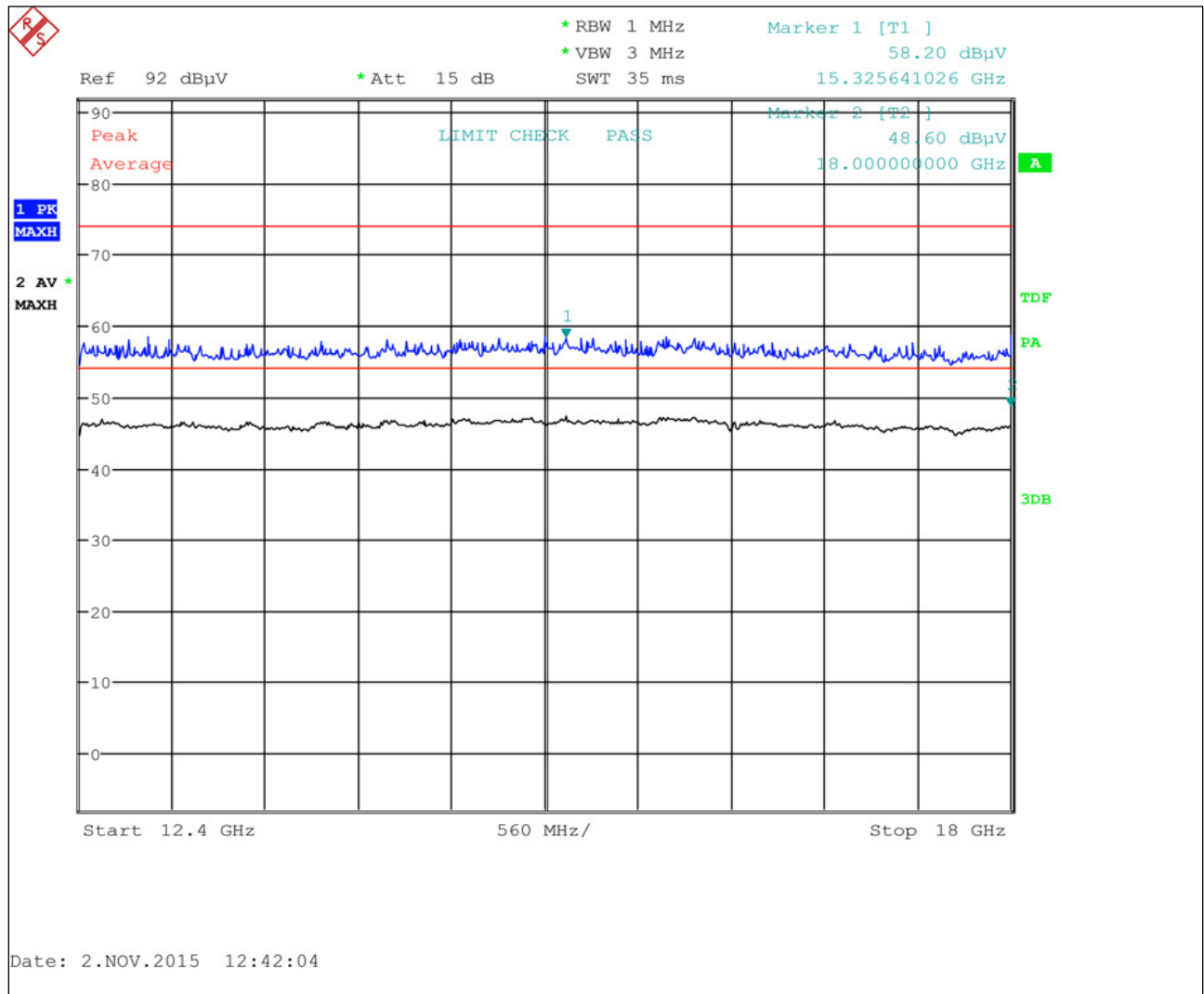
Plot 6-287: Radiated Emissions 8 GHz – 12 GHz Horizontal Peak/Average



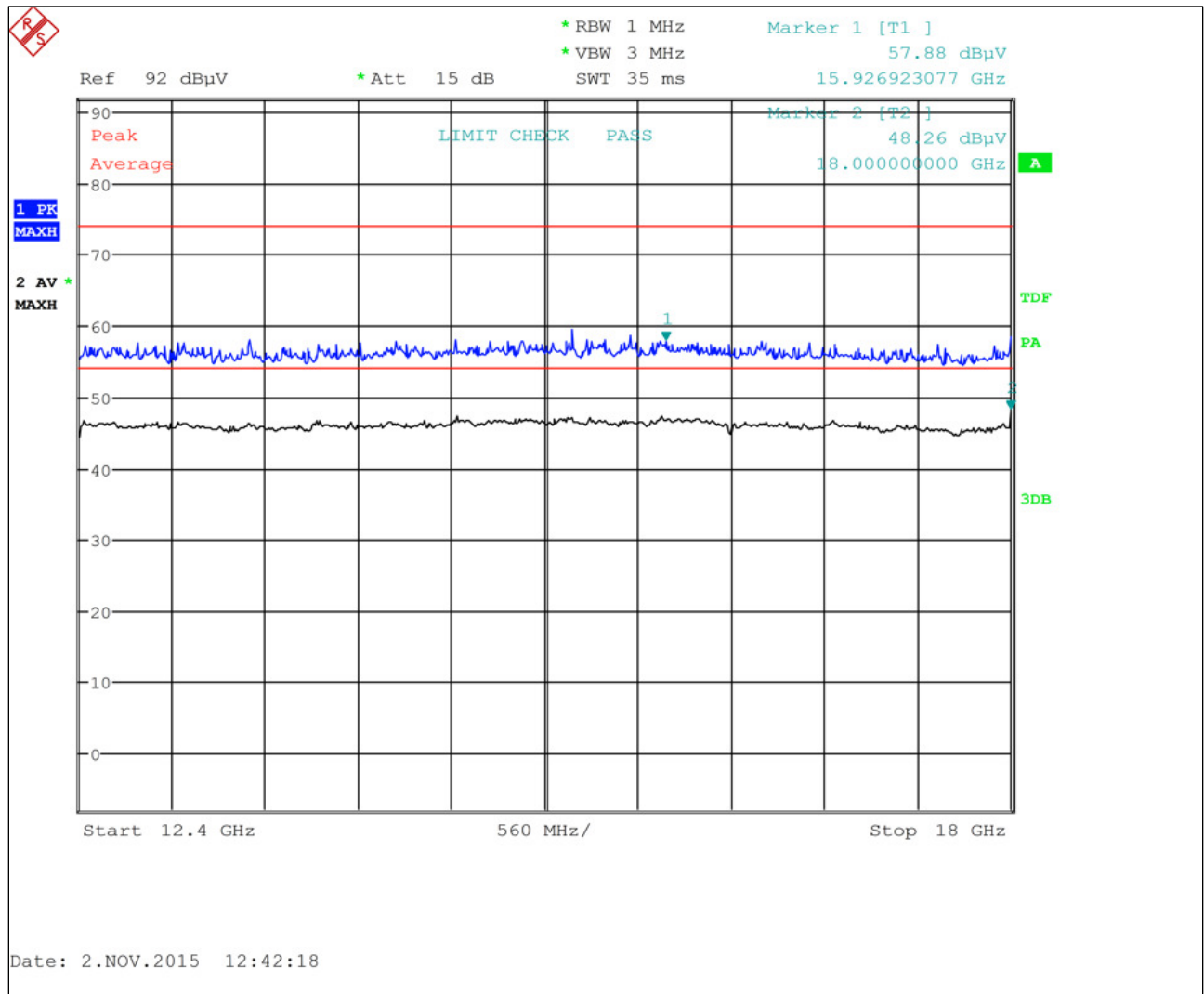
Plot 6-288: Radiated Emissions 8 GHz – 12 GHz Vertical Peak/Average



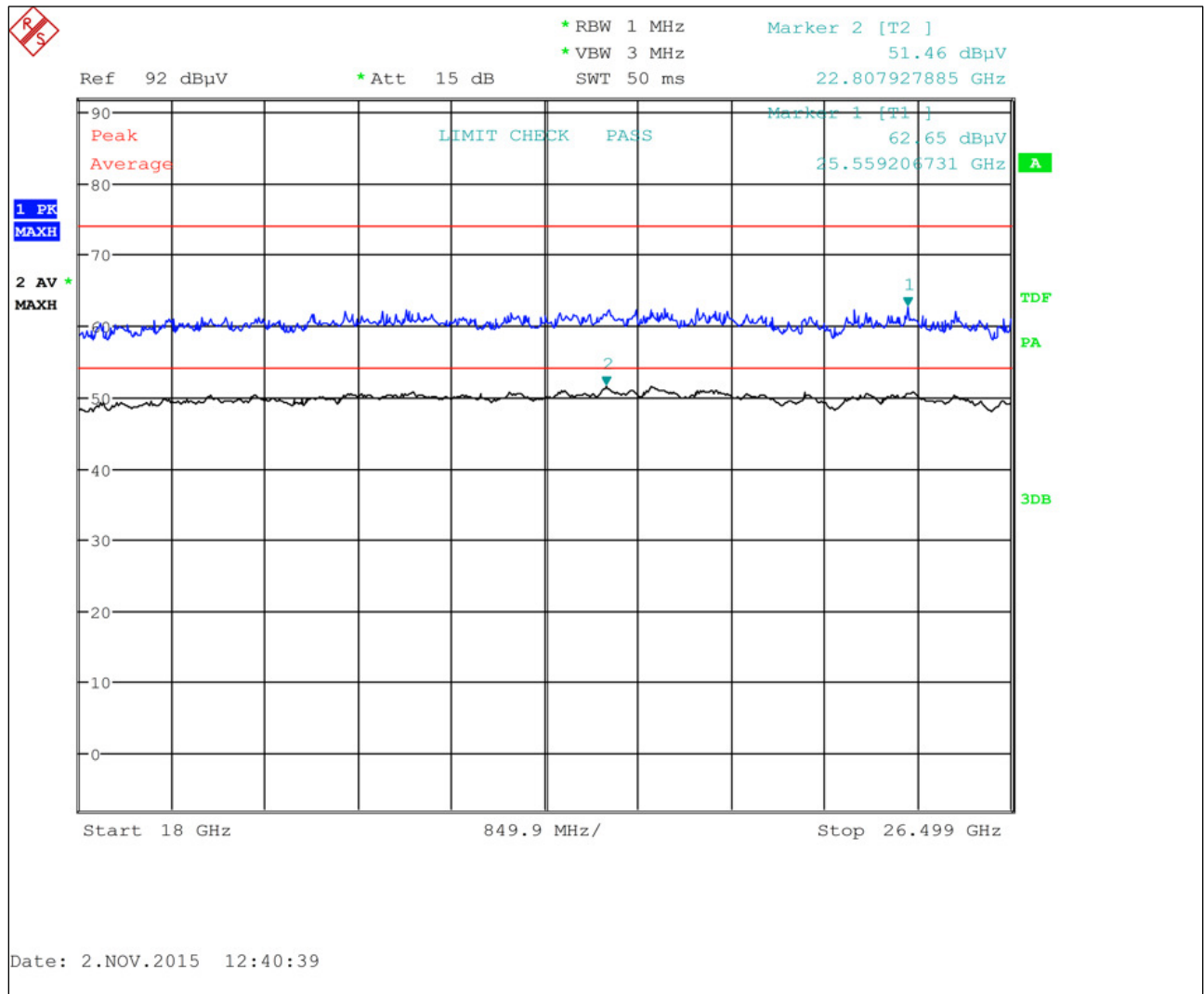
Plot 6-289: Radiated Emissions 12 GHz – 18 GHz Horizontal Peak/Average



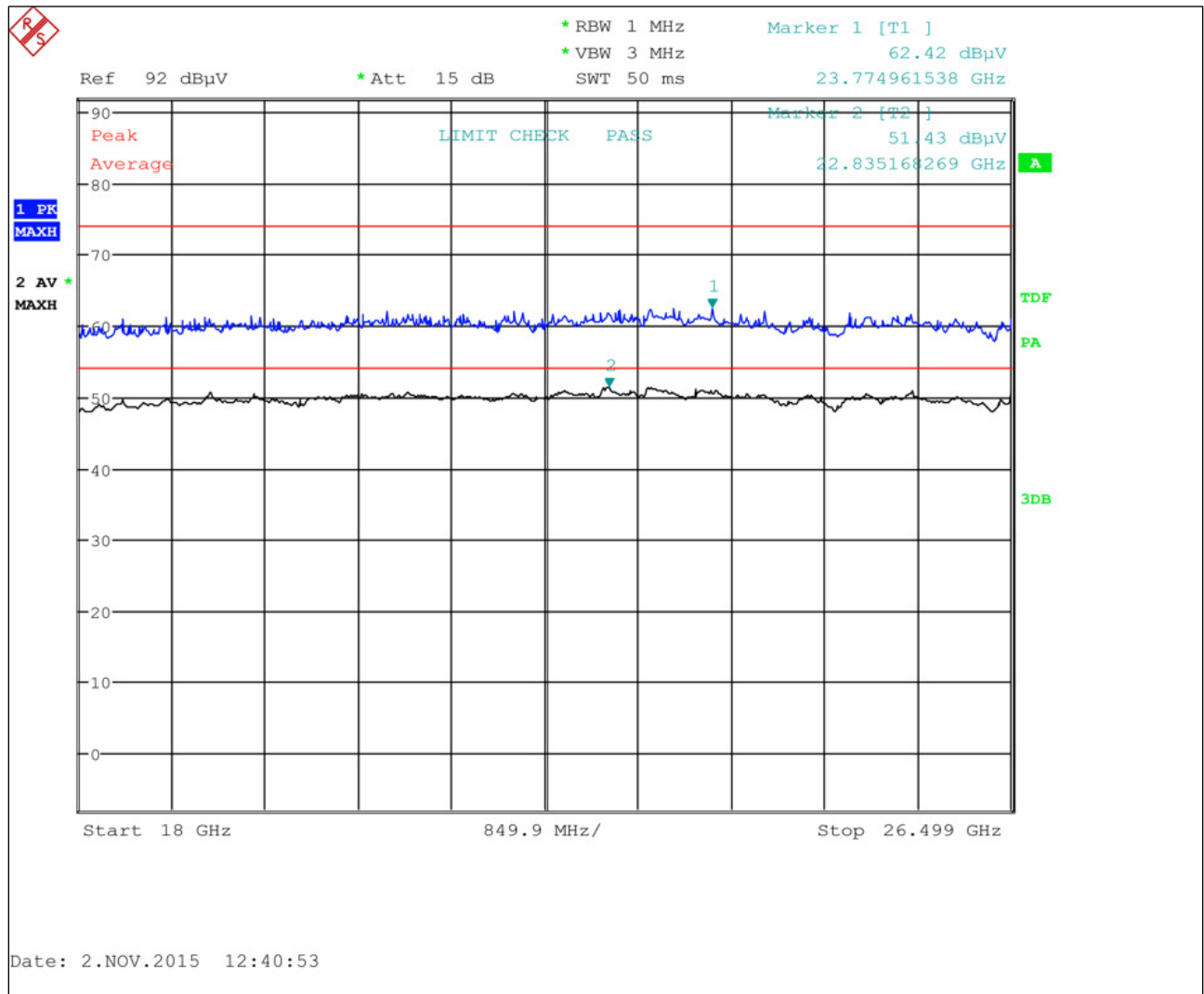
Plot 6-290: Radiated Emissions 12 GHz – 18 GHz Vertical Peak/Average



Plot 6-291: Radiated Emissions 18 GHz – 26 GHz Horizontal Peak/Average



Plot 6-292: Radiated Emissions 18 GHz – 26 GHz Vertical Peak/Average



6.3.2.16 Radiated Emissions Carrier Test Data - TC#6 Concrete Container

Plot 6-293: Radiated Emissions of Carrier - TC #6 Concrete Container

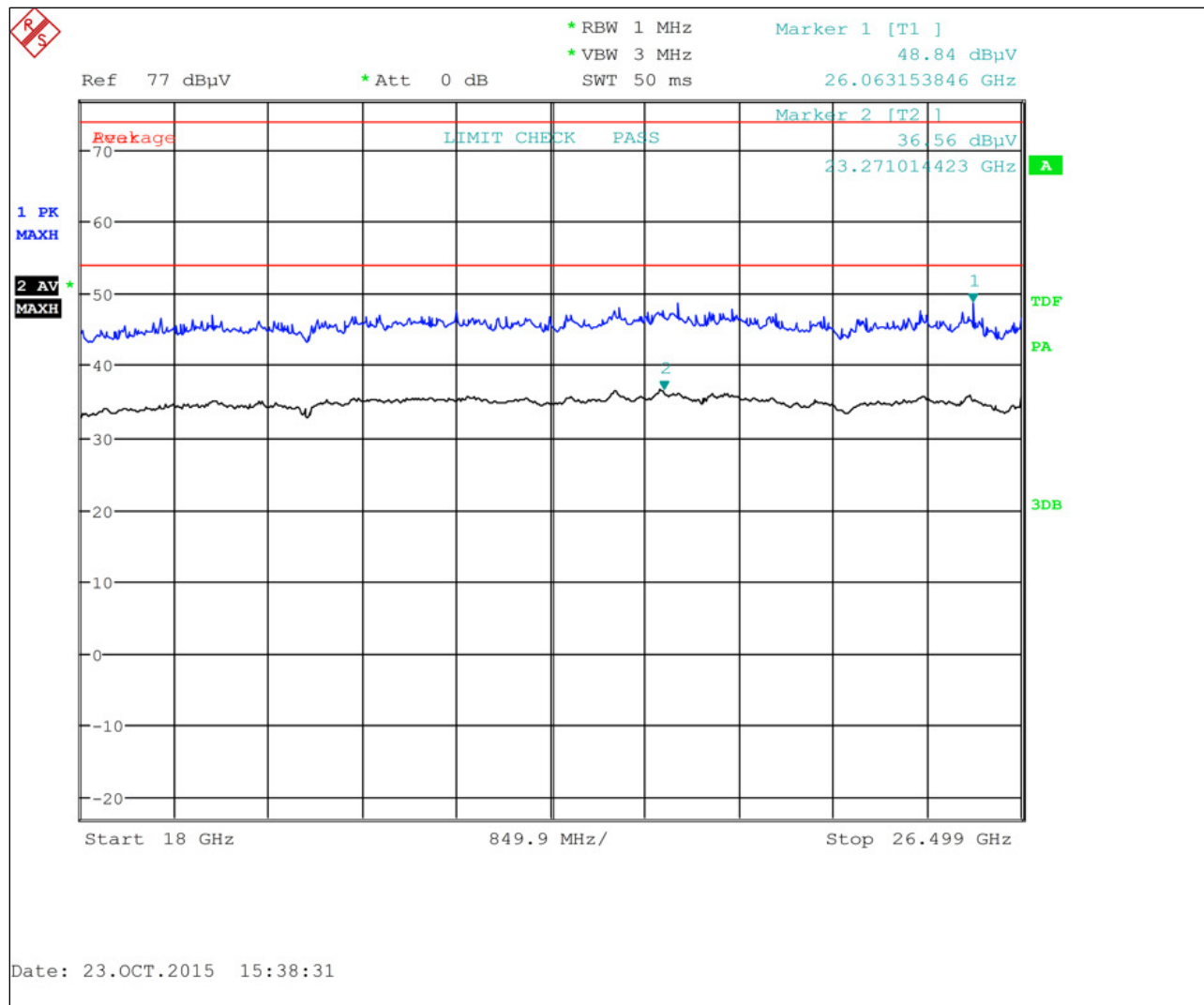
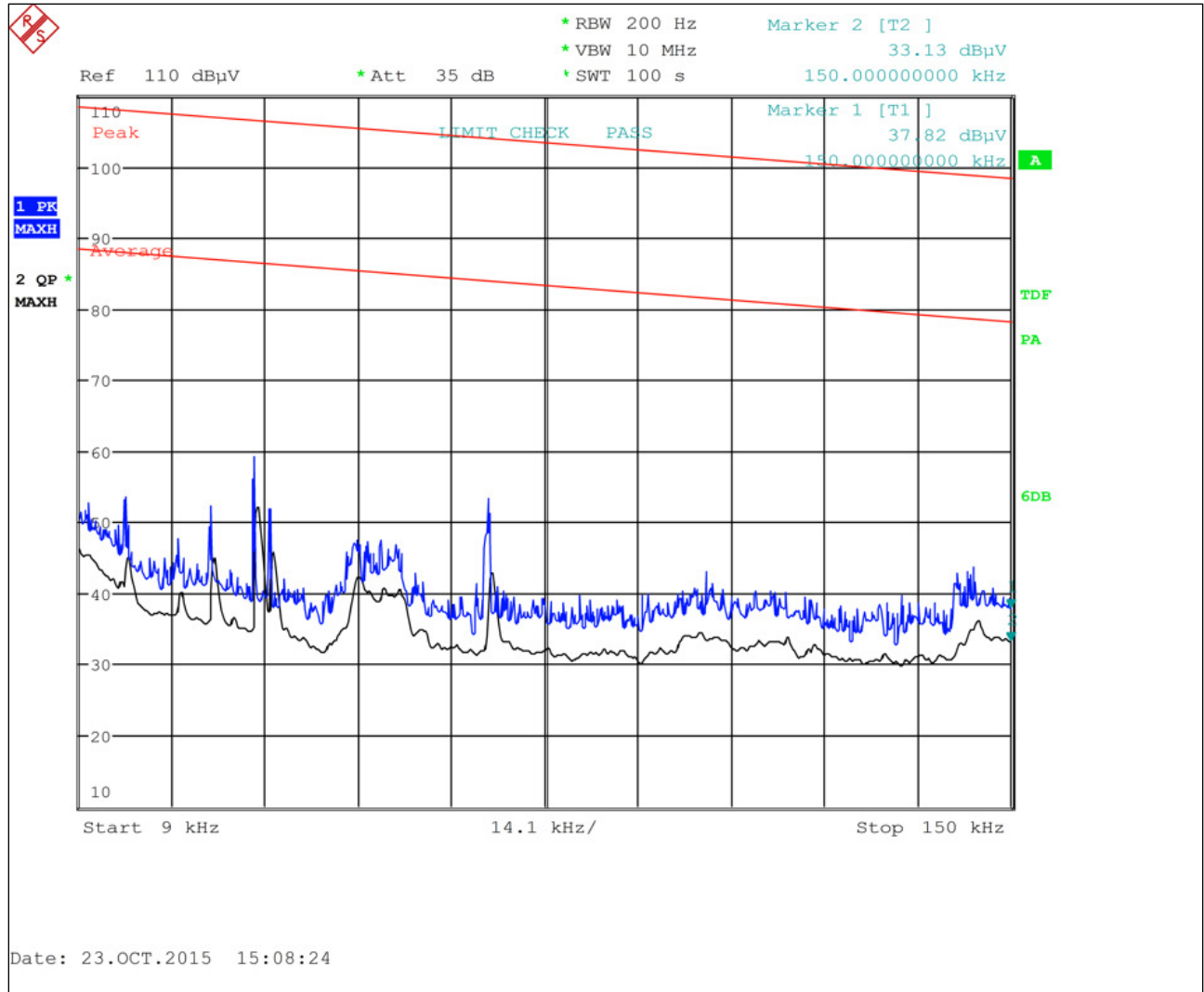


Table 6-15: Radiated Emissions of Carrier – TC #6 Concrete Container

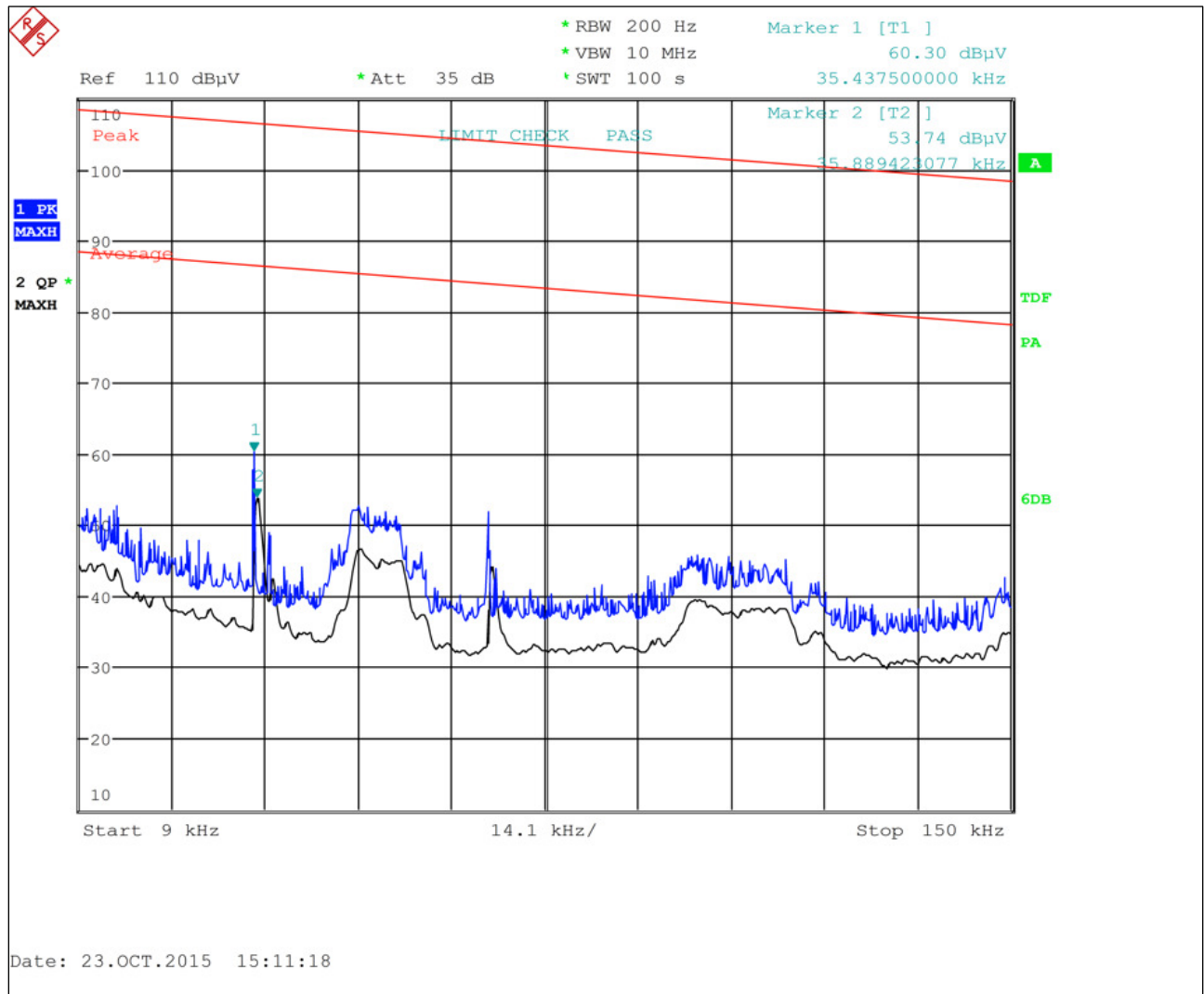
Frequency (GHz)	Detector	Test Antenna Pol	Corrected Spectrum Analyzer Level (dBuV/m)	FCC Limit (dBuV)	Margin (dB)	Corrected Spectrum Analyzer Level (dBm/MHz)	IC Limit (dBm/MHz)	Margin (dBm)
26.0631	Peak	H	48.8	74.0	-25.2	NA		
23.2710	Average	H	36.6	54.0	-17.4	-58.6	-41.3	17.3

6.3.2.17 Radiated Emissions Below 1 GHz Test Data – TC#6 Concrete Container

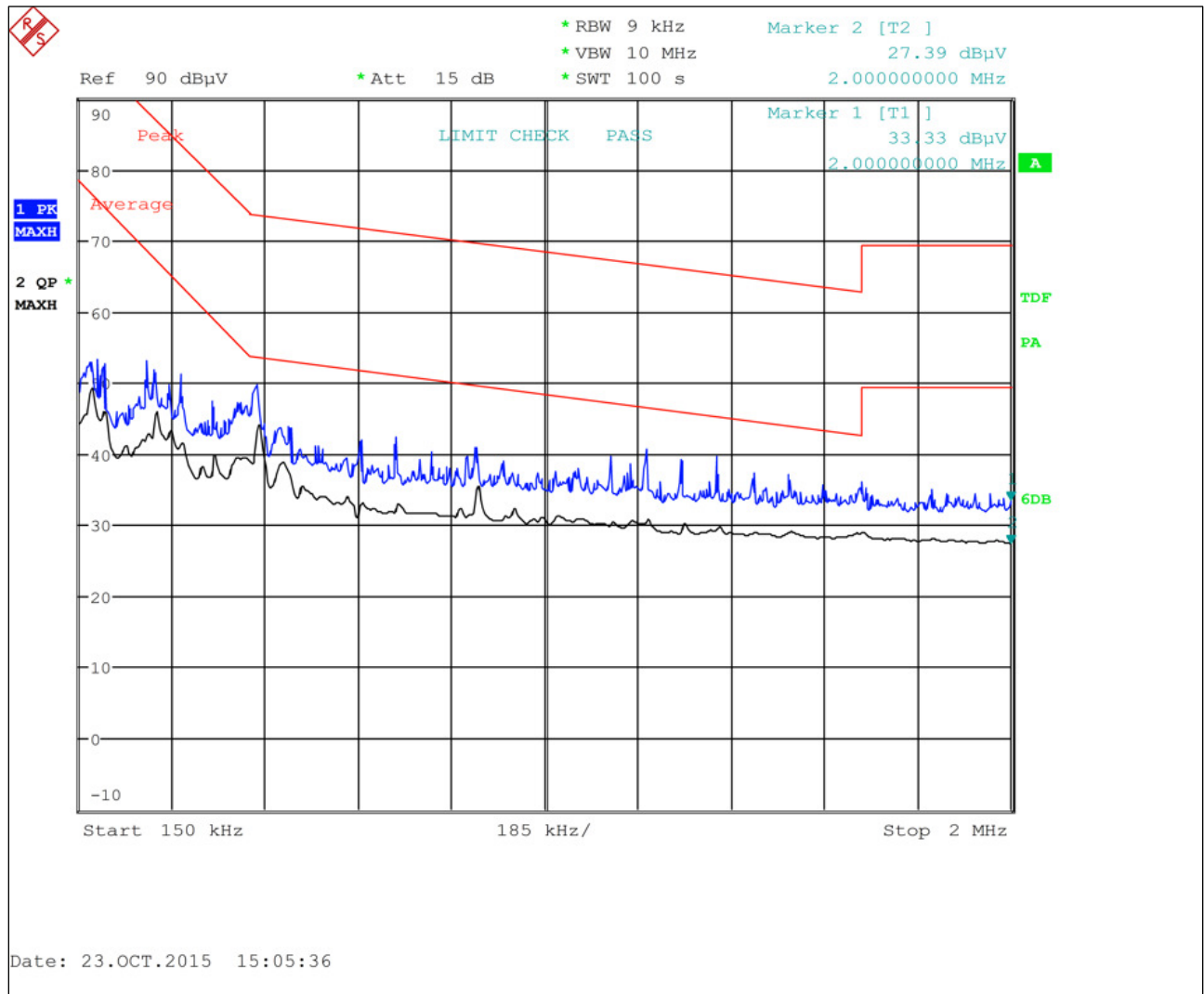
Plot 6-294: Radiated Emissions Transmit – 9 kHz – 150 kHz Horizontal Peak/Average



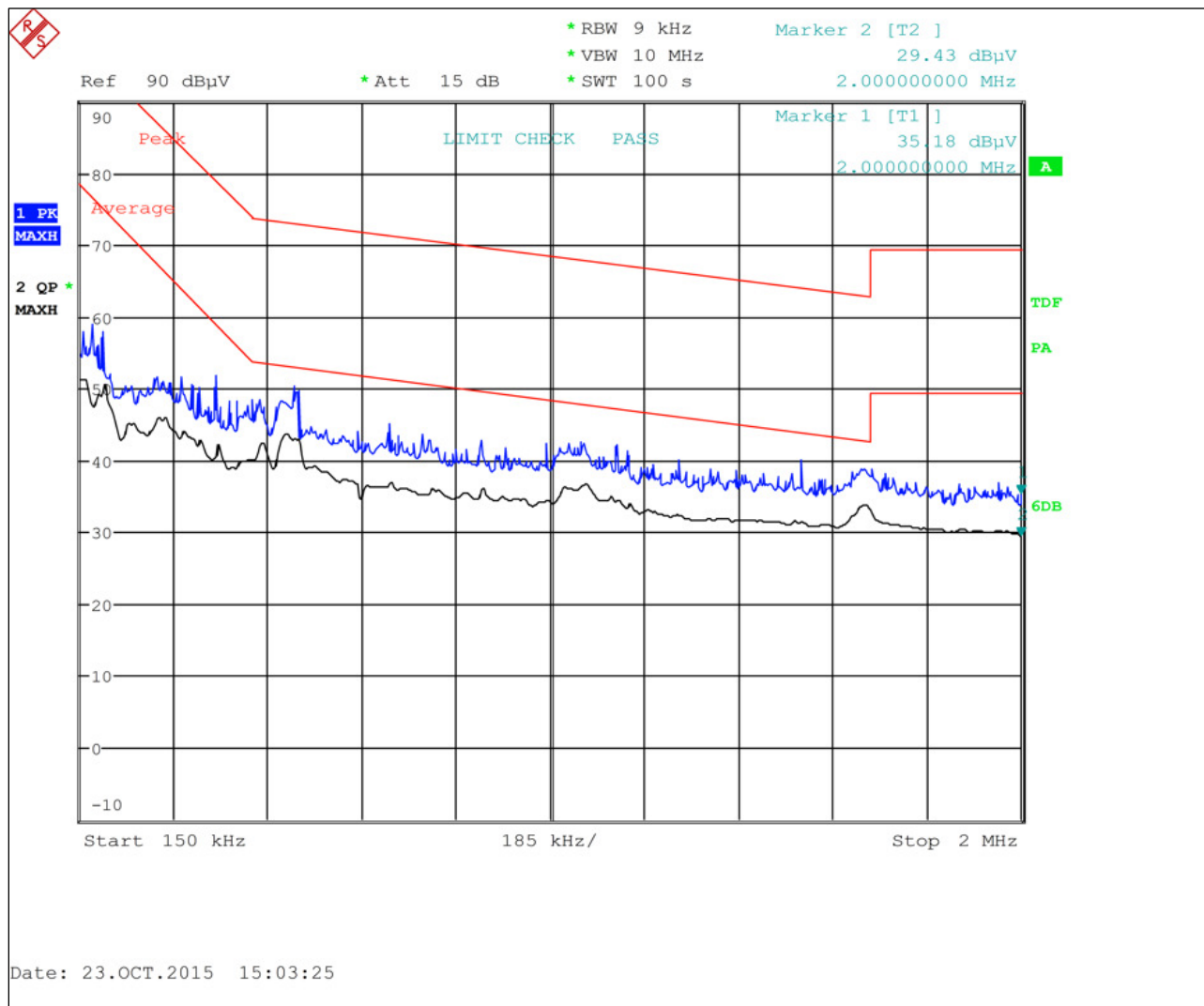
Plot 6-295: Radiated Emissions Transmit – 9 kHz – 150 kHz Vertical Peak/Average



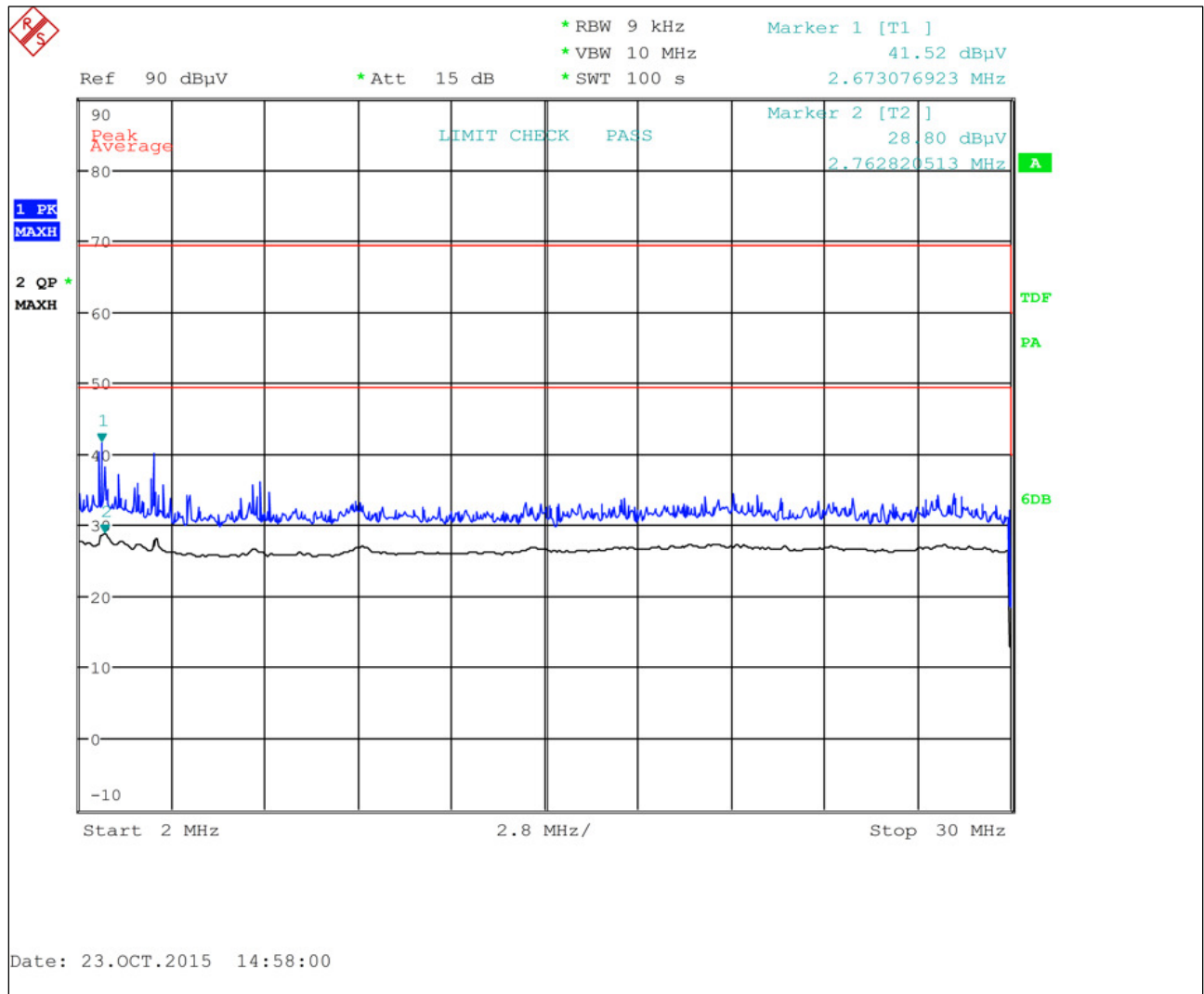
Plot 6-296: Radiated Emissions Transmit – 150 kHz – 2 MHz Horizontal Peak/Average



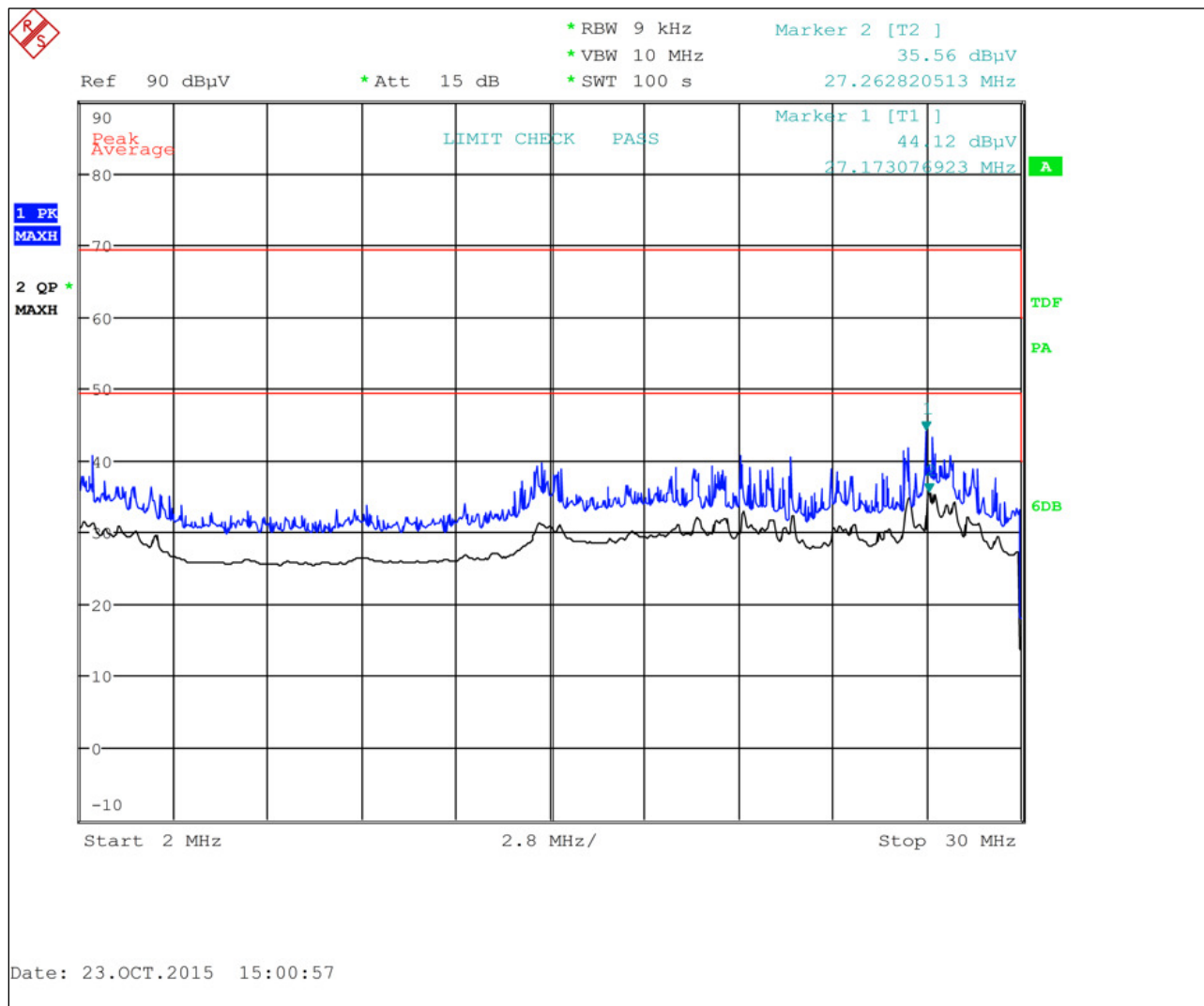
Plot 6-297: Radiated Emissions Transmit – 150 kHz – 2 MHz Vertical Peak/Average



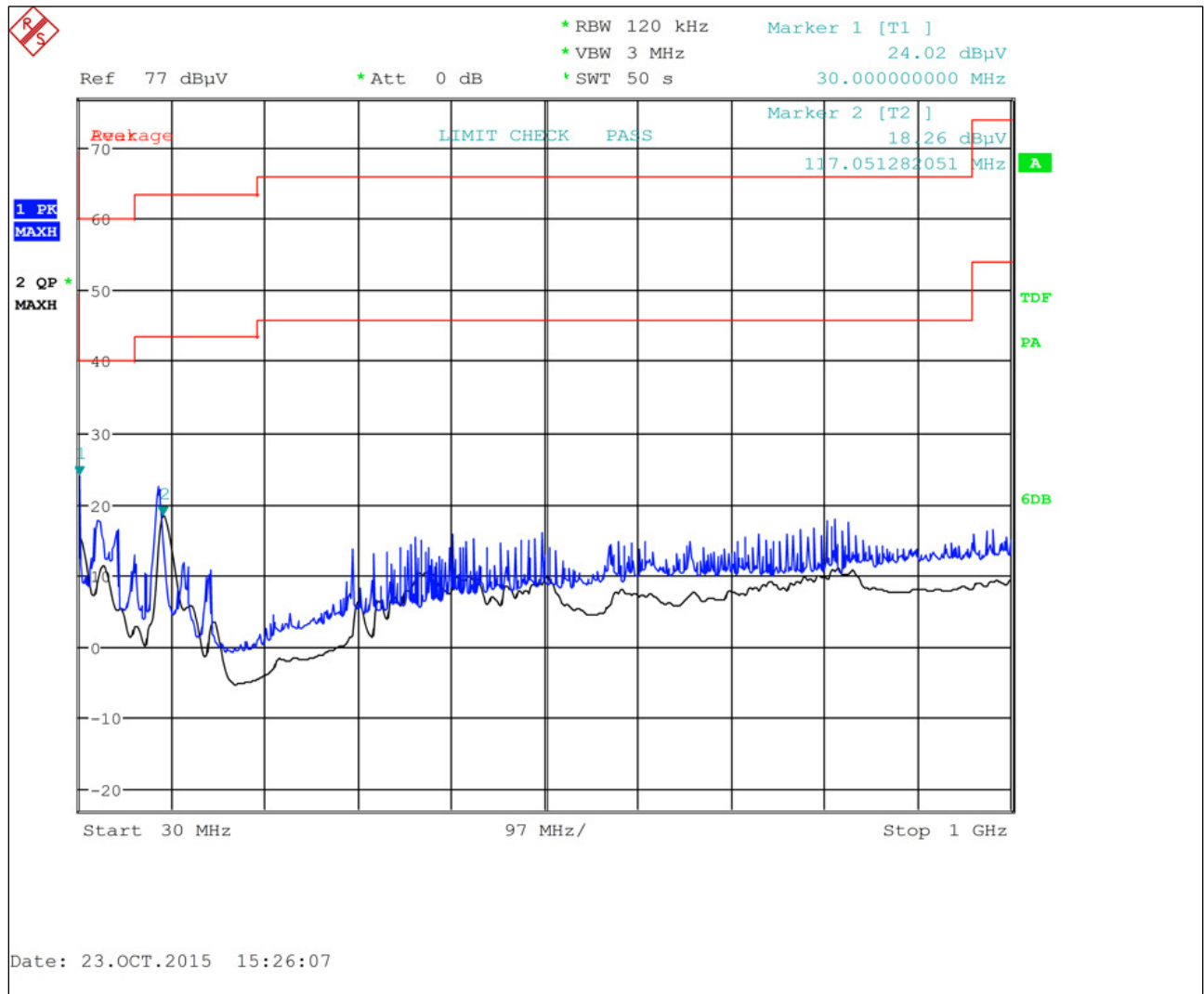
Plot 6-298: Radiated Emissions Transmit – 2 MHz – 30 MHz Horizontal Peak/Average



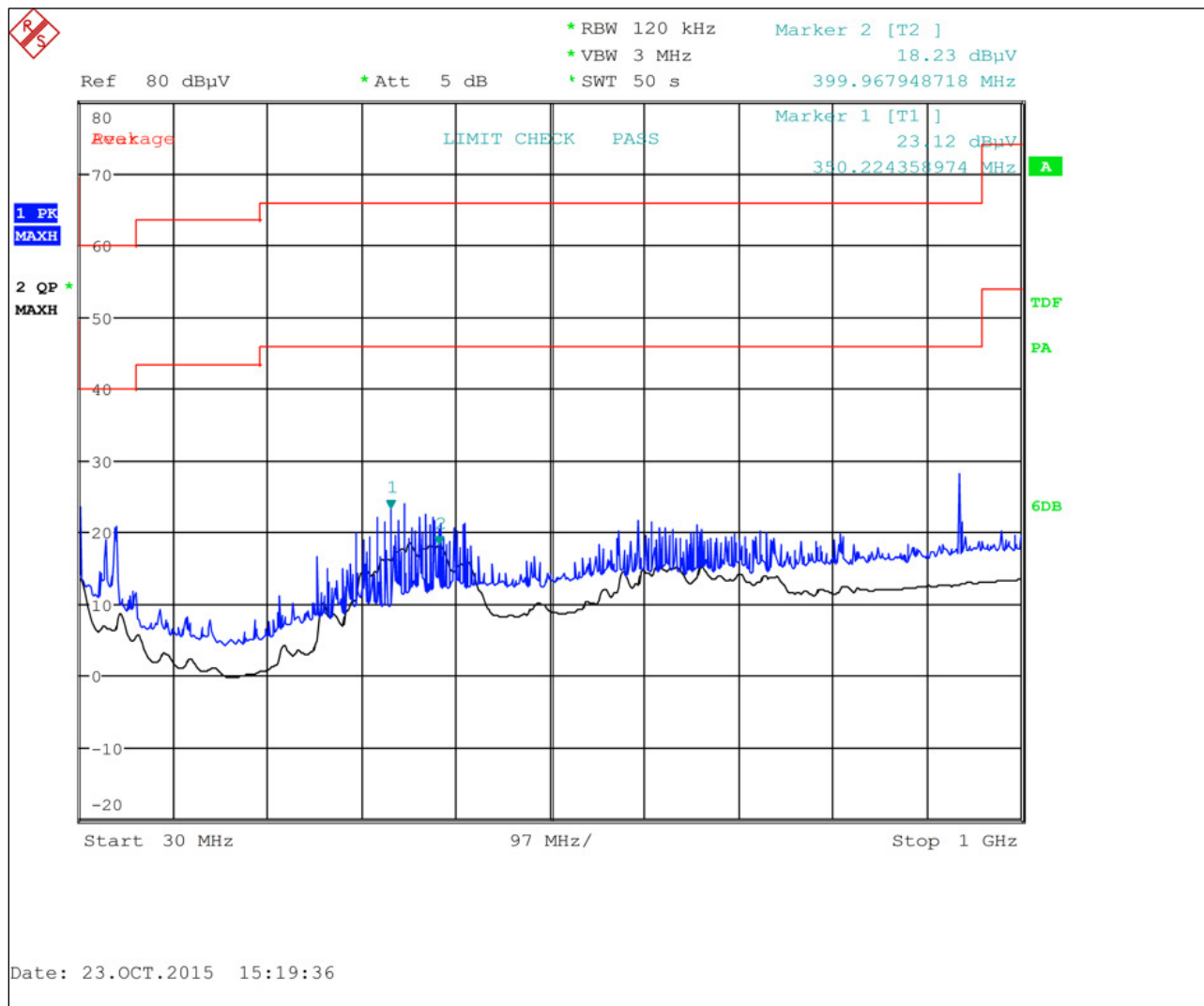
Plot 6-299: Radiated Emissions Transmit – 2 MHz – 30 MHz Vertical Peak/Average



Plot 6-300: Radiated Emissions Transmit – 30 MHz – 1 GHz Horizontal Peak/Average



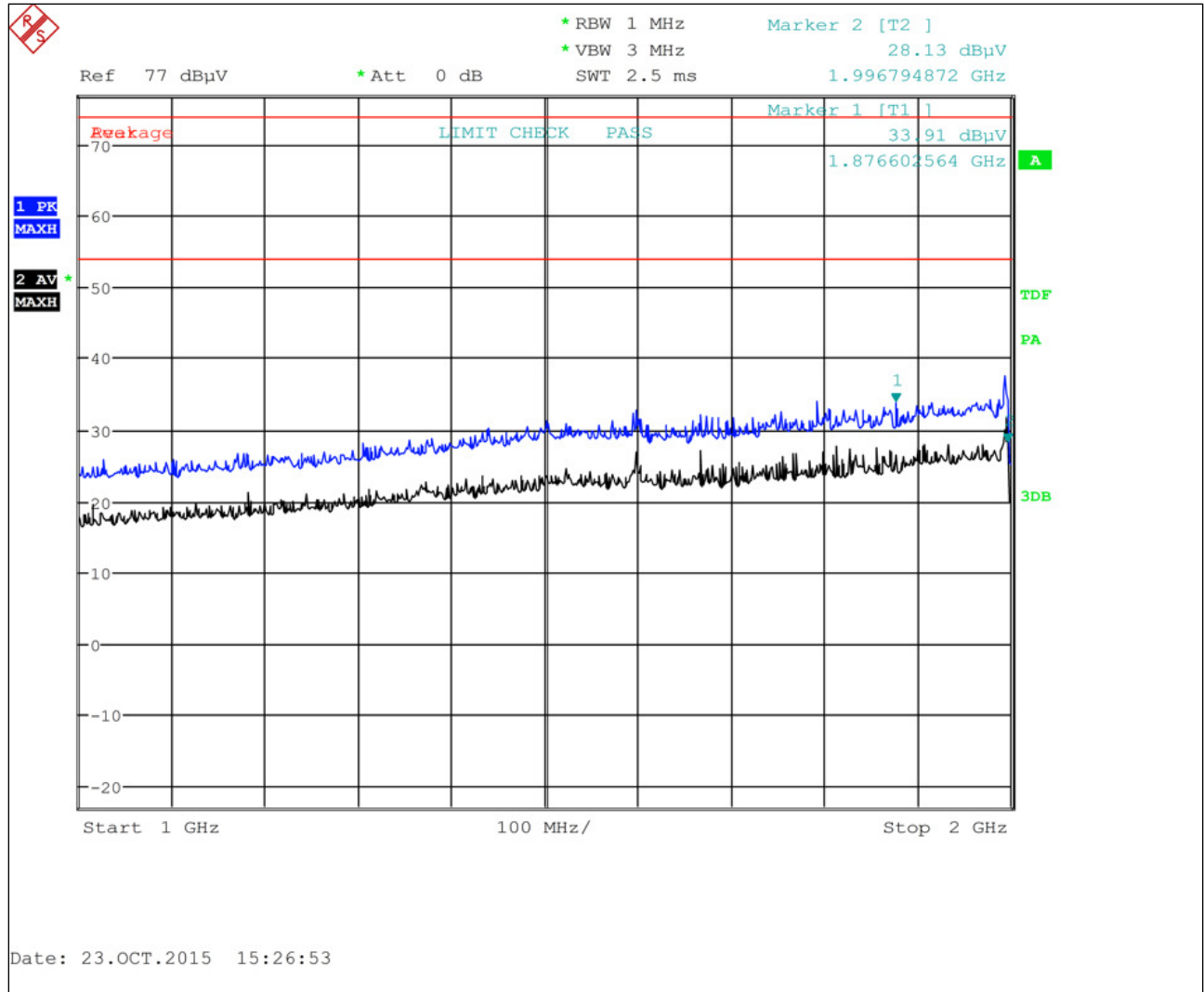
Plot 6-301: Radiated Emissions Transmit – 30 MHz – 1 GHz Vertical Peak/Average



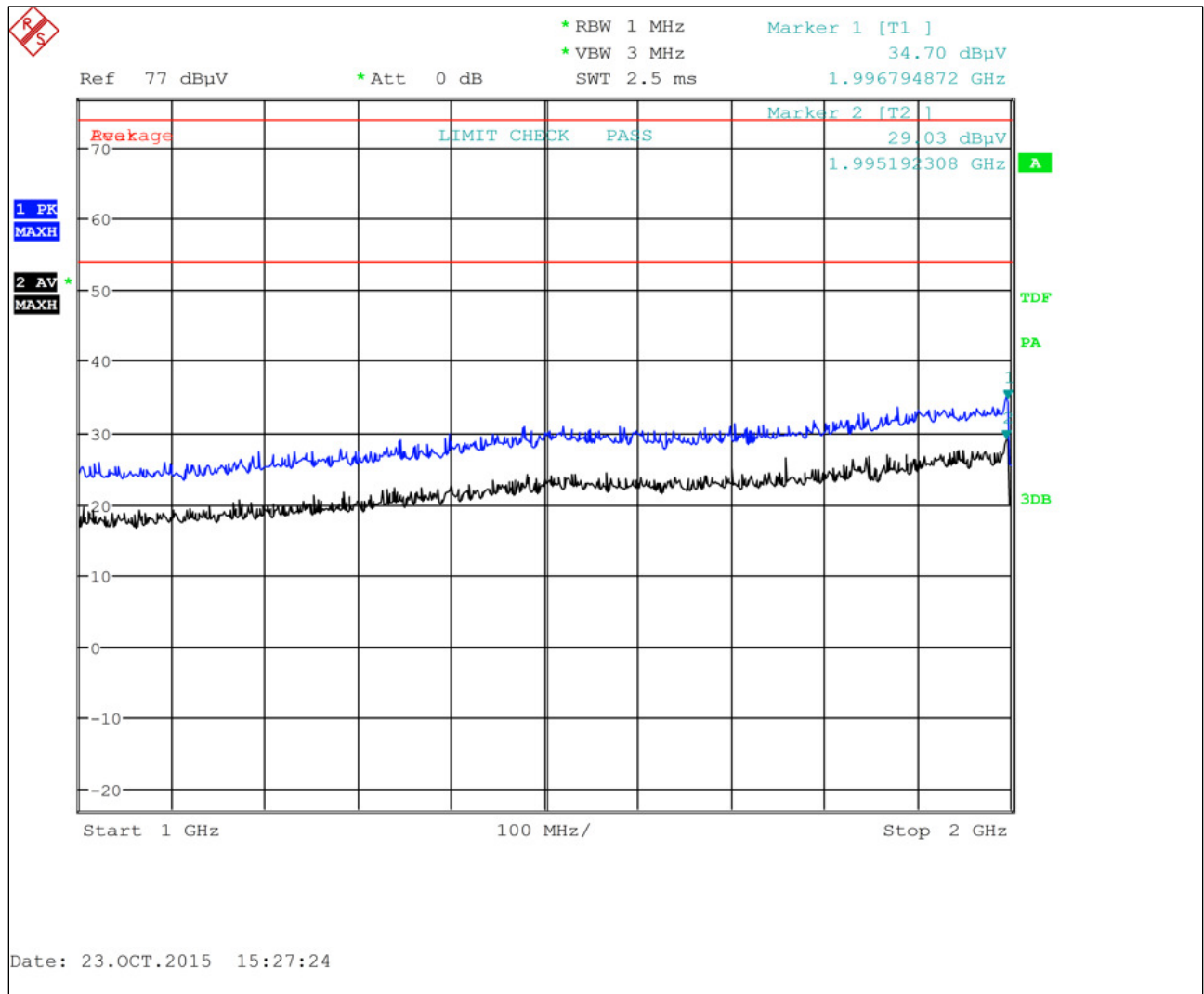
Note: Unwanted emissions were investigated as a digital device (other than harmonics) as required by 15.33(a)(3).

6.3.2.18 Radiated Emissions 1 GHz – 26 GHz Test Data – TC#6 Concrete Container

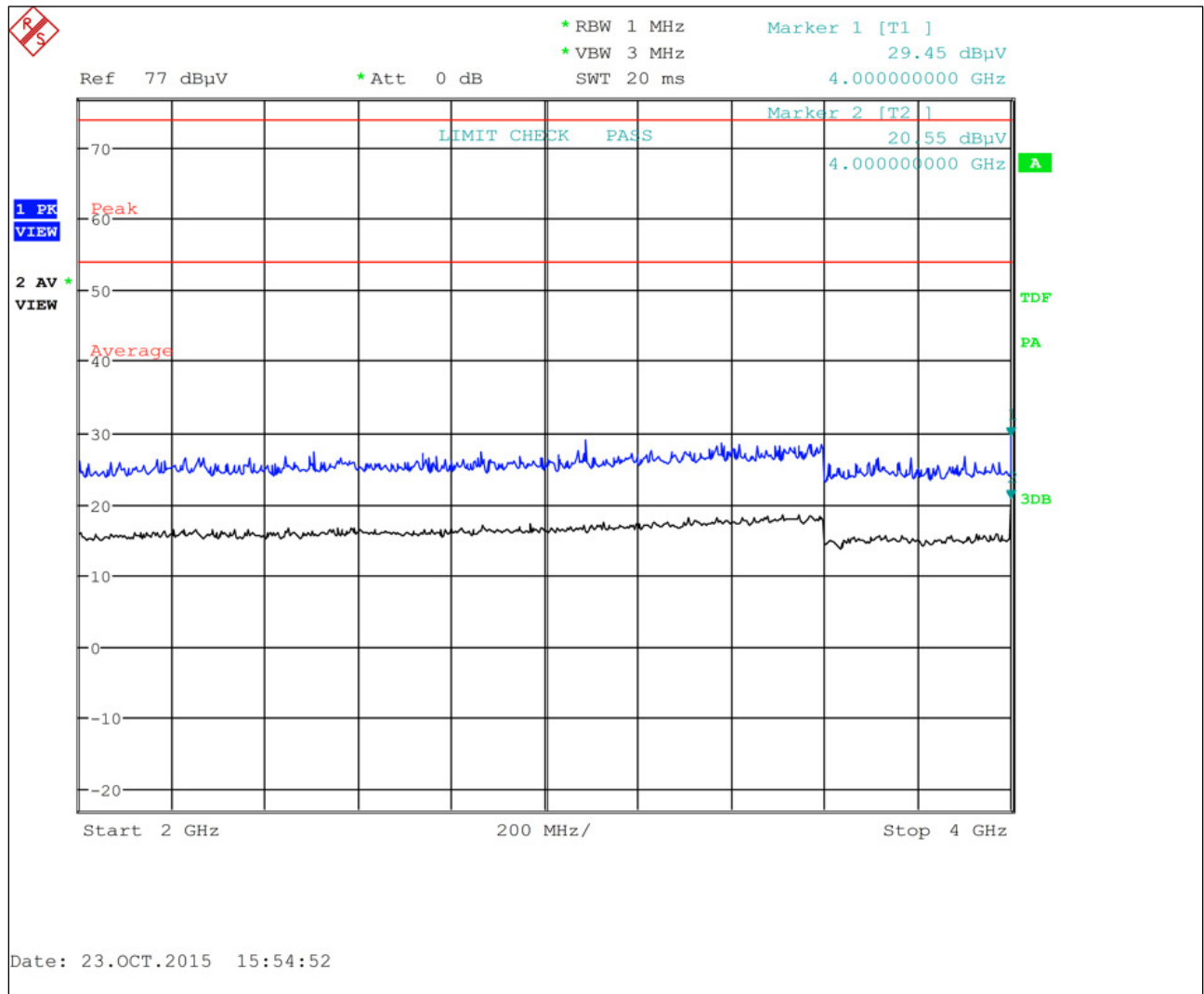
Plot 6-302: Radiated Emissions 1 GHz – 2 GHz Horizontal Peak/Average



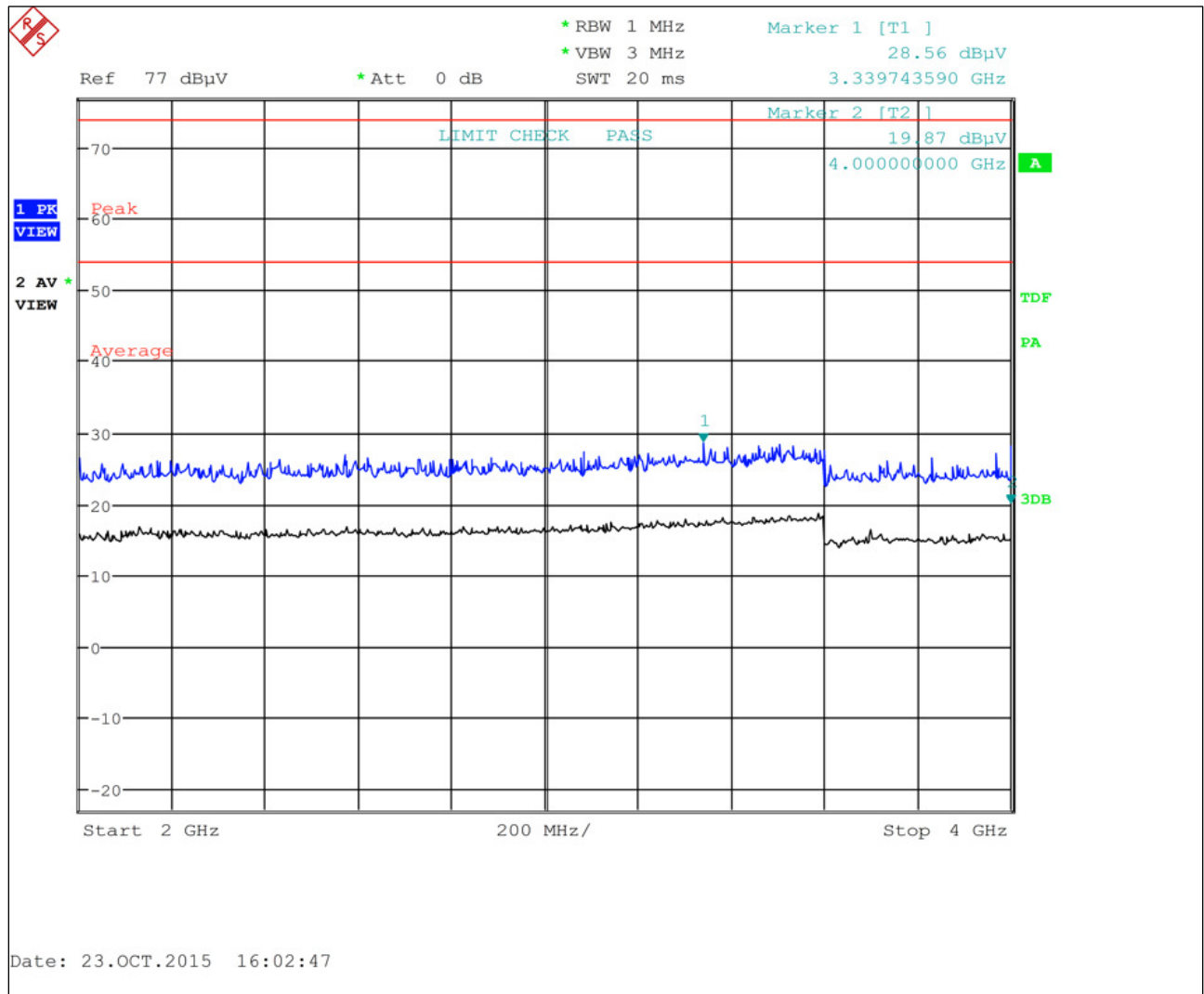
Plot 6-303: Radiated Emissions 1 GHz – 2 GHz Vertical Peak/Average



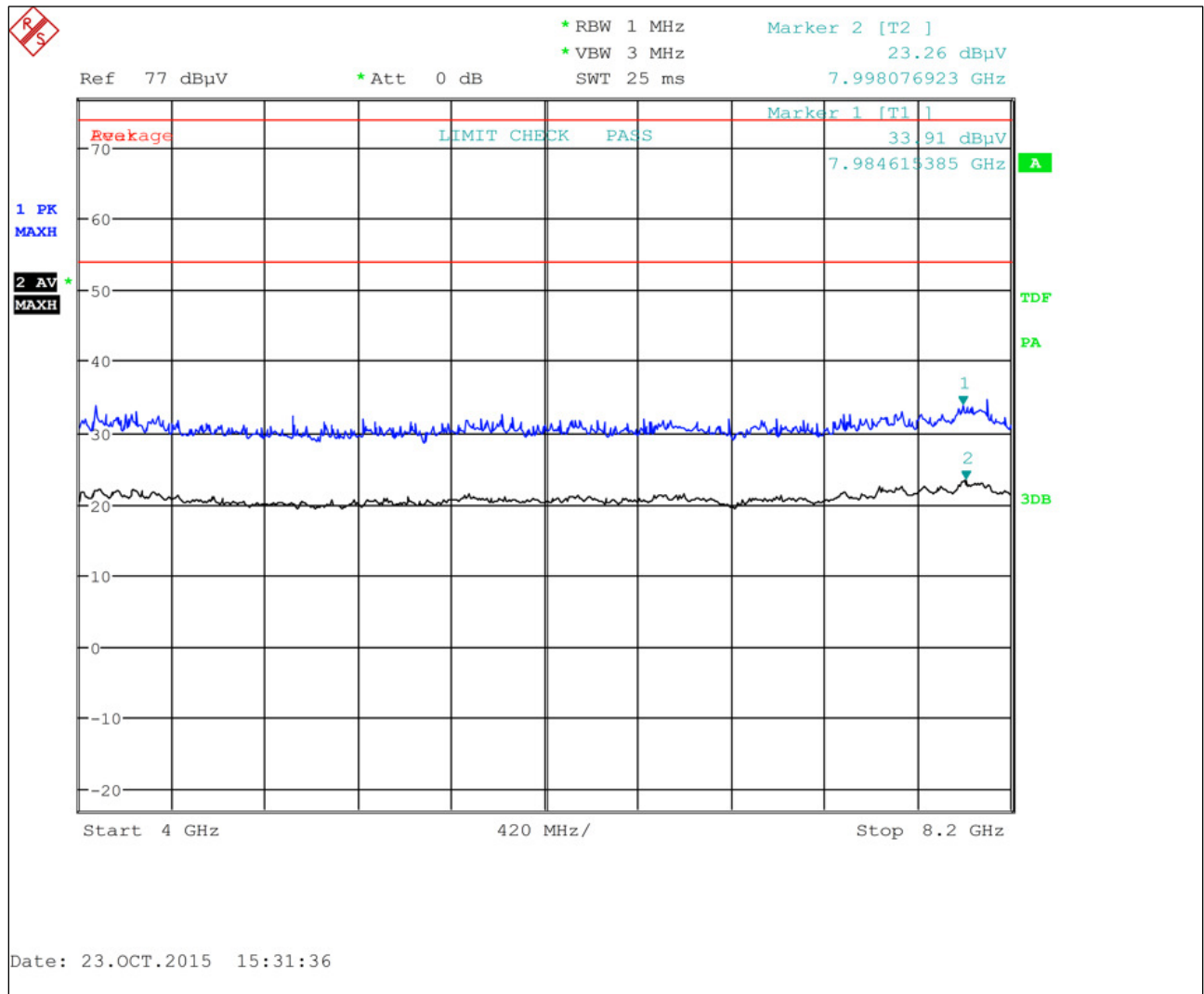
Plot 6-304: Radiated Emissions 2 GHz – 4 GHz Horizontal Peak/Average



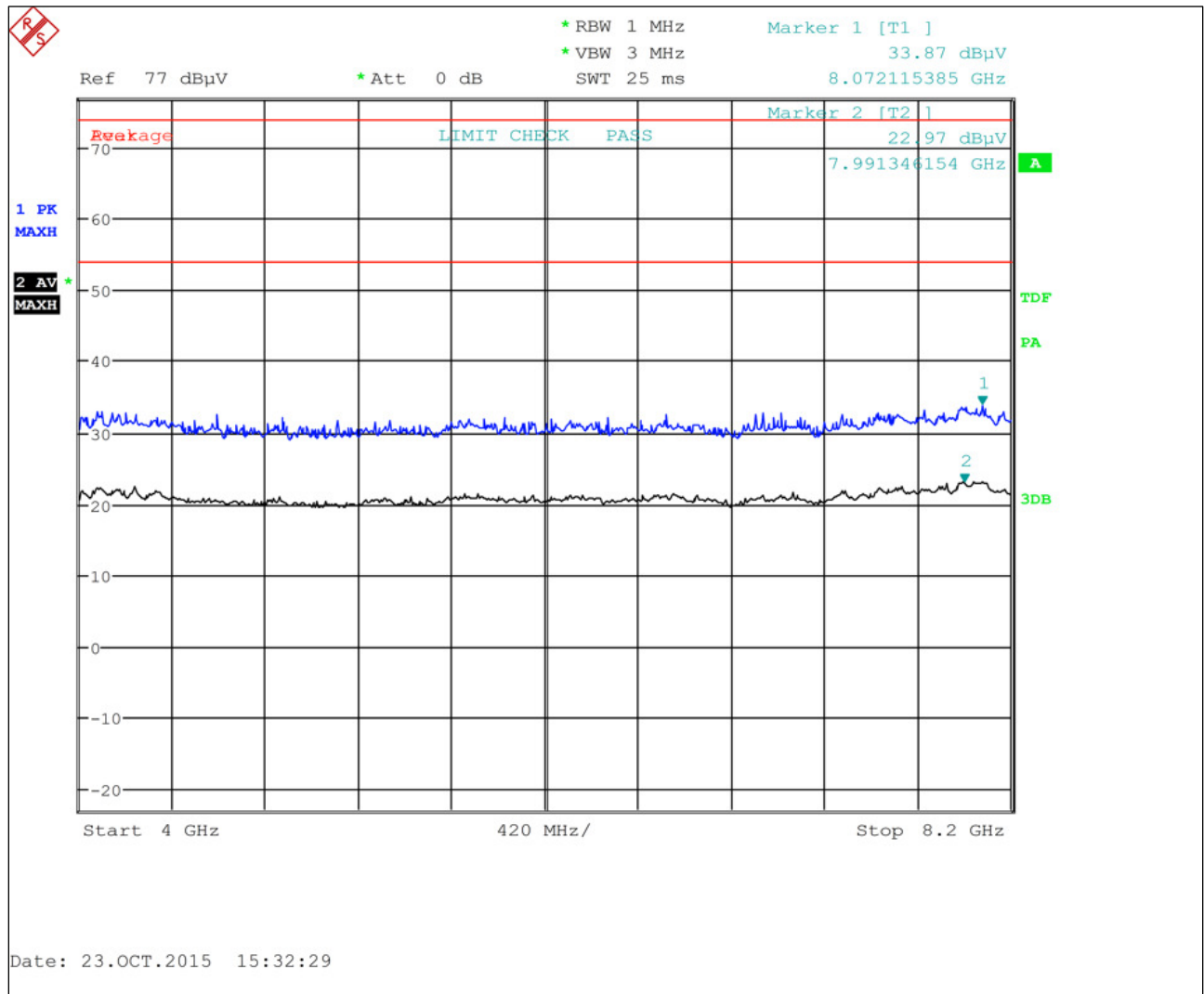
Plot 6-305: Radiated Emissions 2 GHz – 4 GHz Vertical Peak/Average



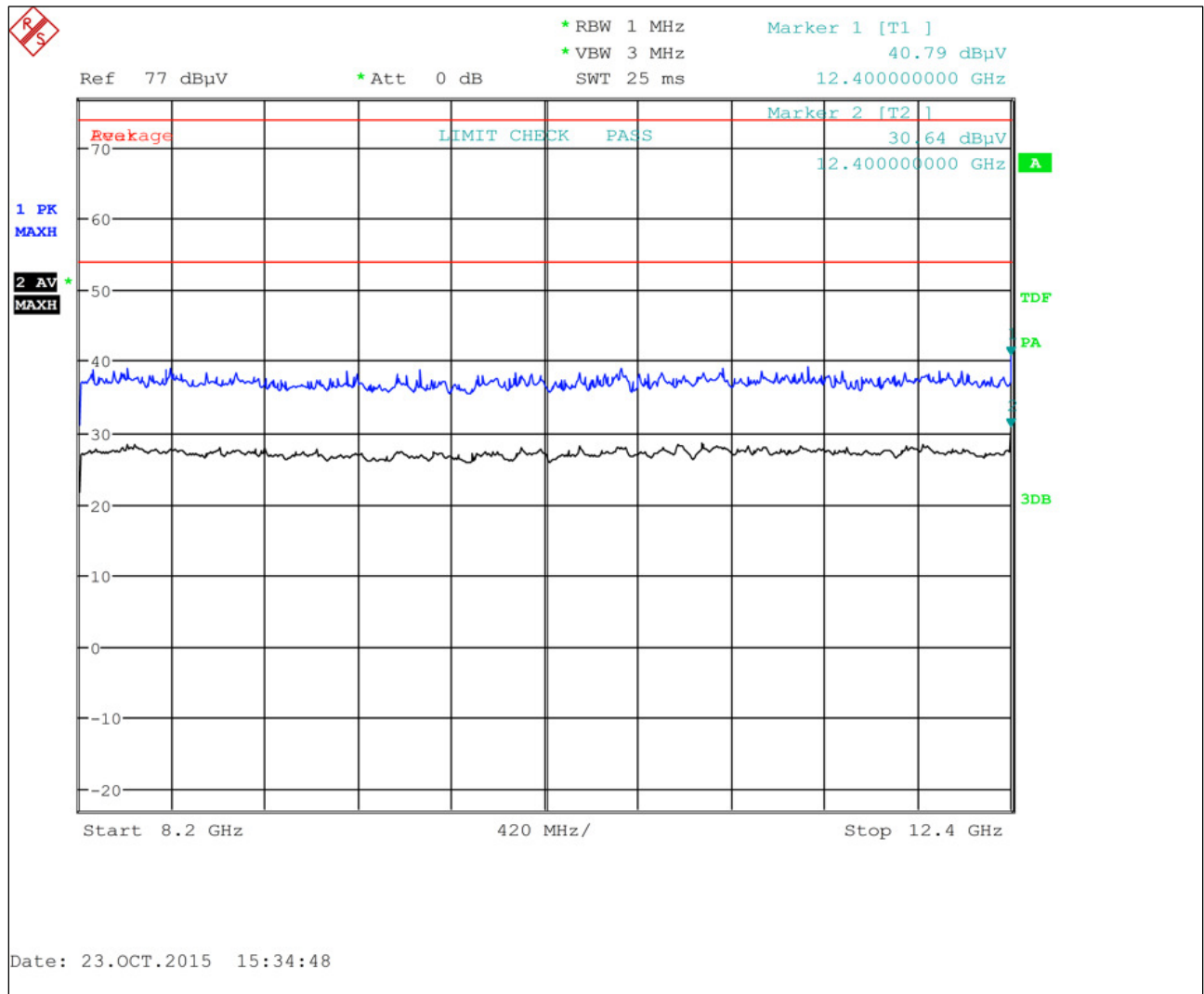
Plot 6-306: Radiated Emissions 4 GHz – 8 GHz Horizontal Peak/Average



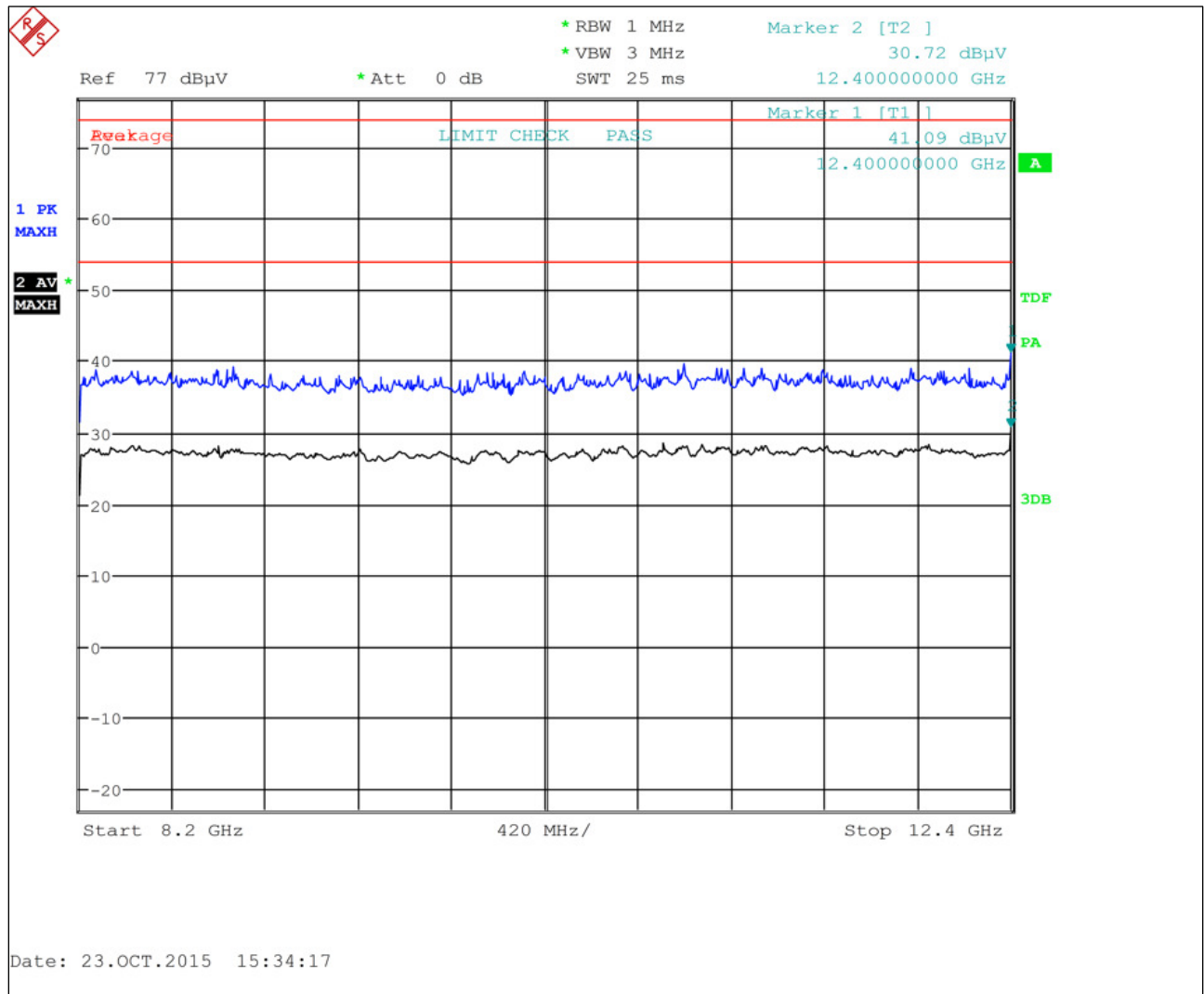
Plot 6-307: Radiated Emissions 4 GHz – 8 GHz Vertical Peak/Average



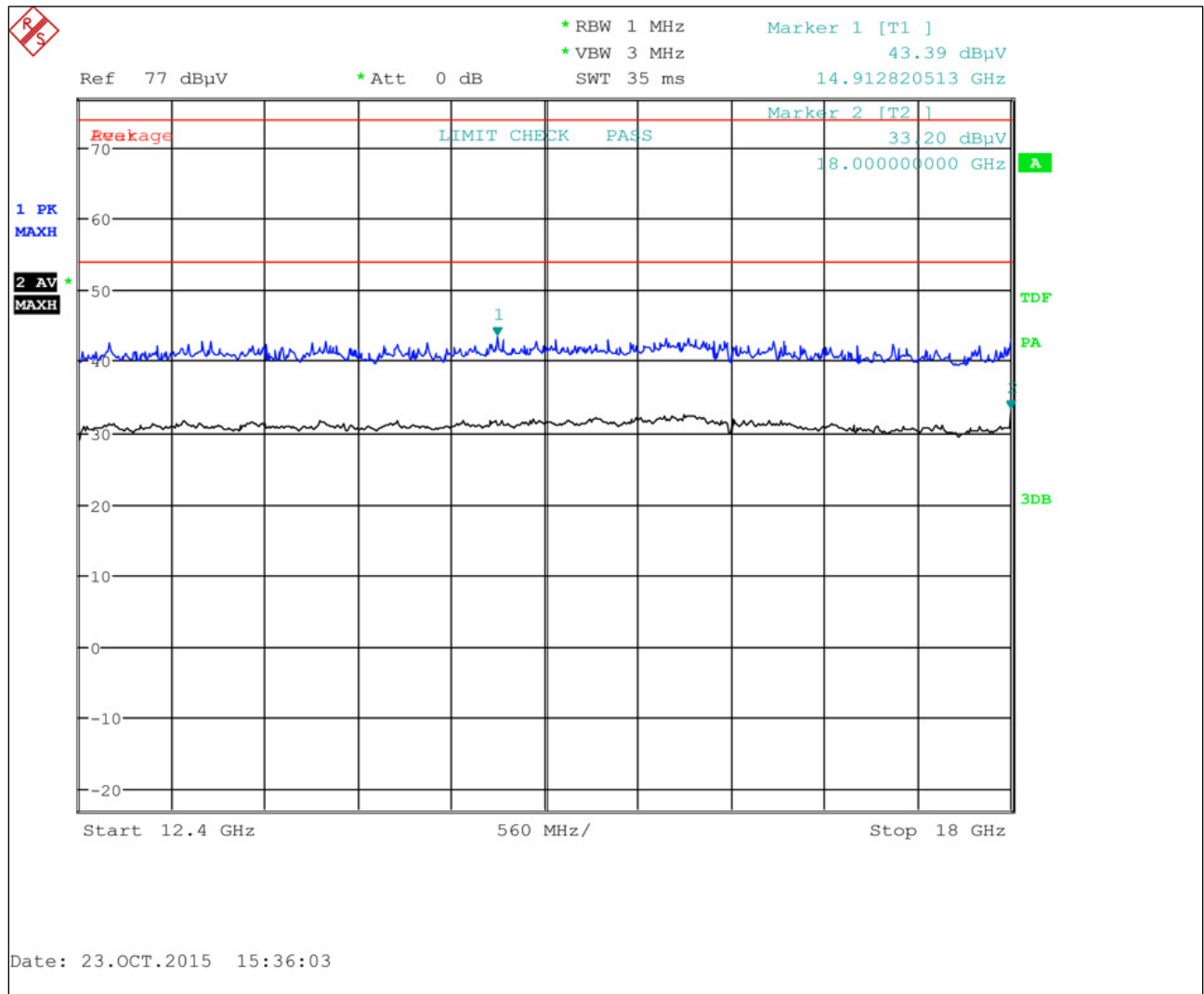
Plot 6-308: Radiated Emissions 8 GHz – 12 GHz Horizontal Peak/Average



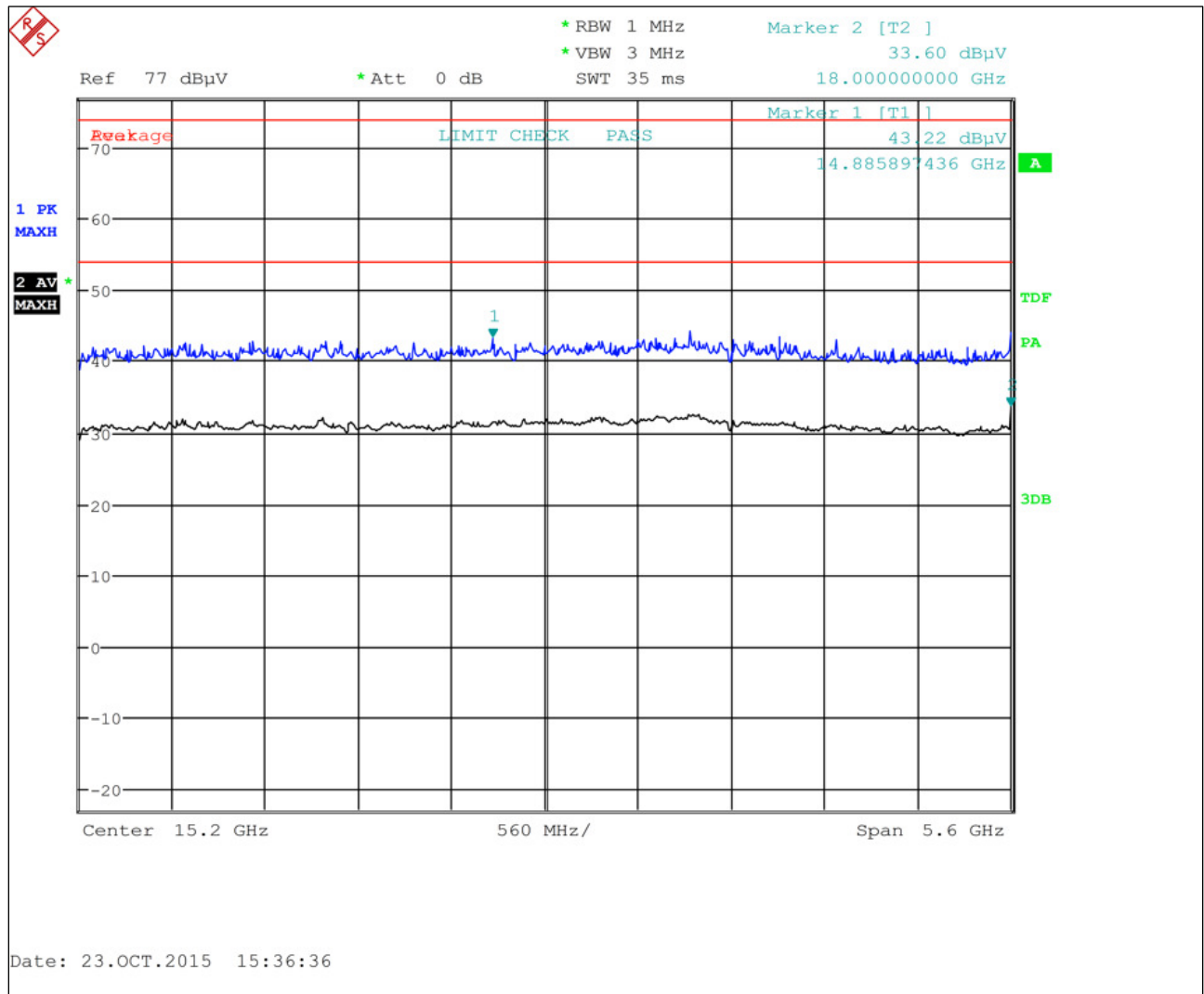
Plot 6-309: Radiated Emissions 8 GHz – 12 GHz Vertical Peak/Average



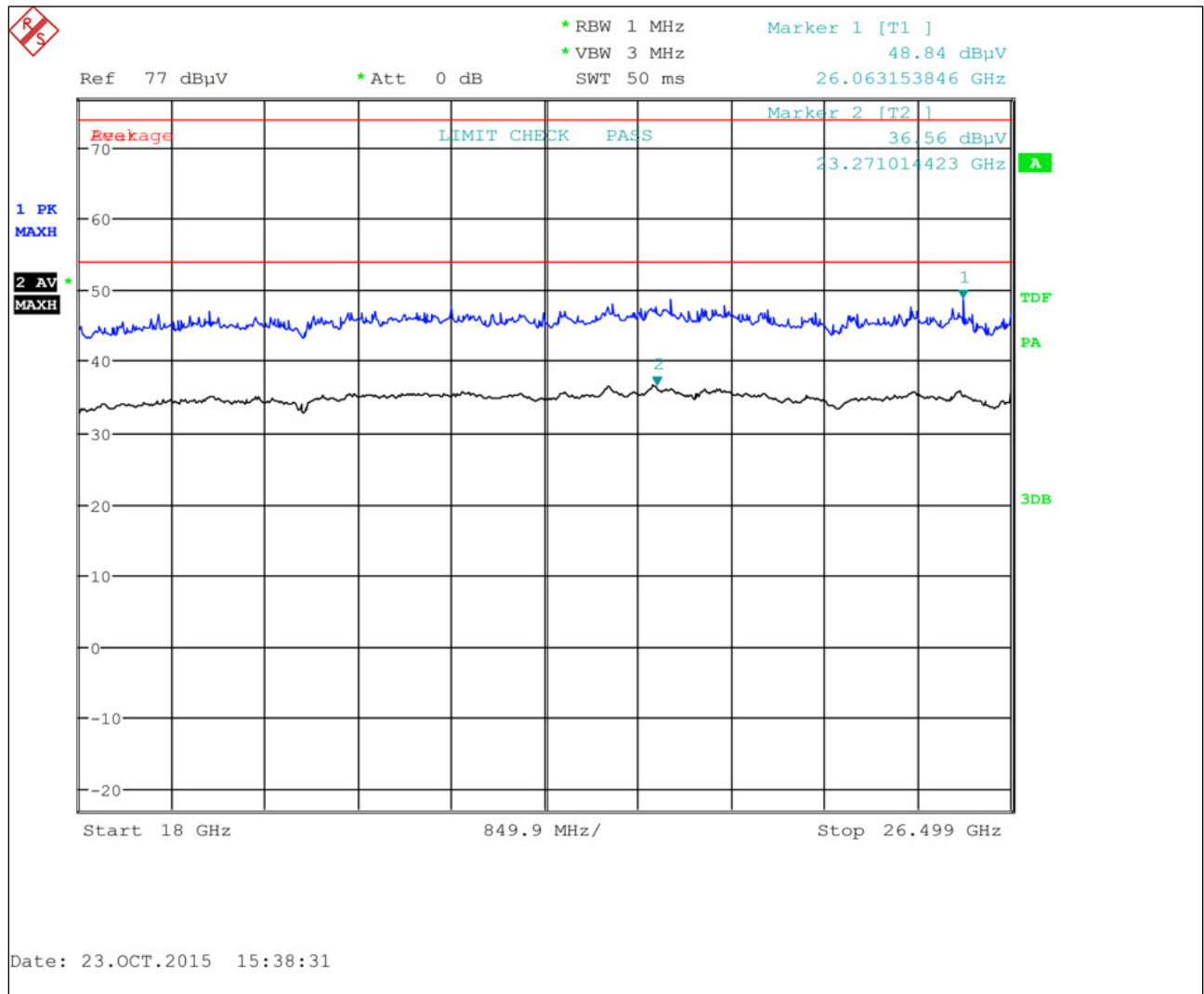
Plot 6-310: Radiated Emissions 12 GHz – 18 GHz Horizontal Peak/Average



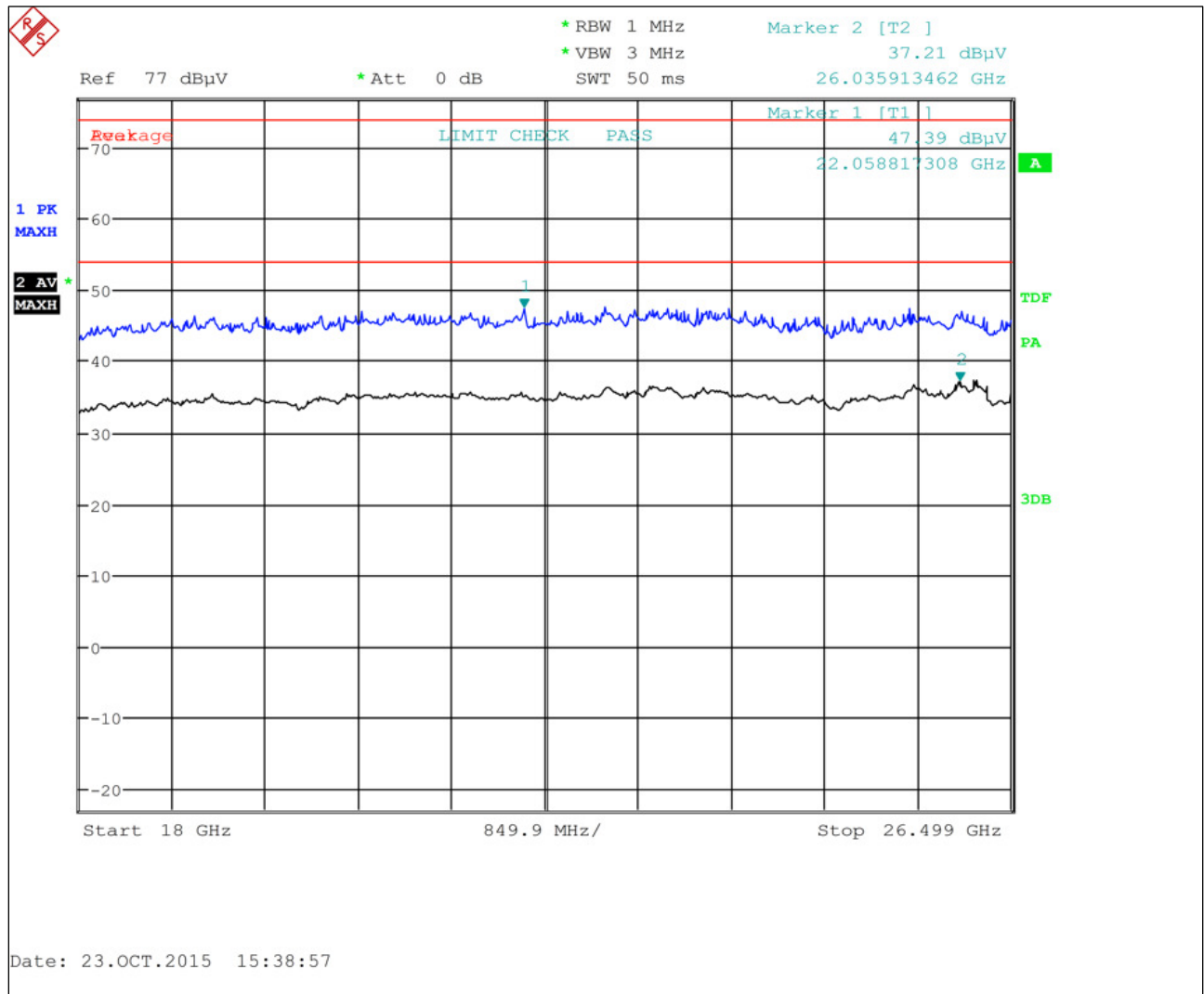
Plot 6-311: Radiated Emissions 12 GHz – 18 GHz Vertical Peak/Average



Plot 6-312: Radiated Emissions 18 GHz – 26 GHz Horizontal Peak/Average



Plot 6-313: Radiated Emissions 18 GHz – 26 GHz Vertical Peak/Average



6.3.2.19 Radiated Emissions Carrier Test Data - TC#7 Concrete Container

Plot 6-314: Radiated Emissions of Carrier - TC #7 Concrete Container

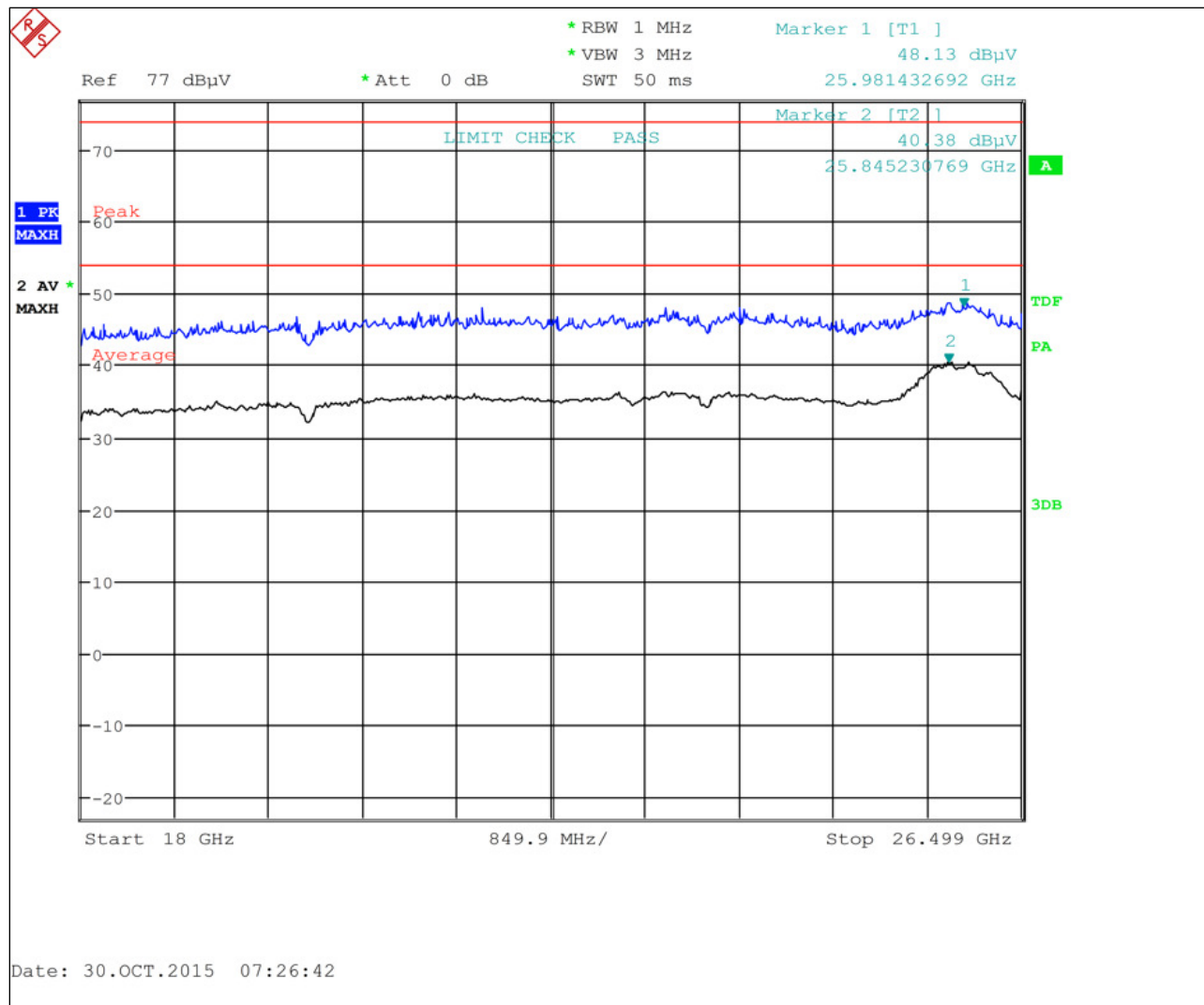
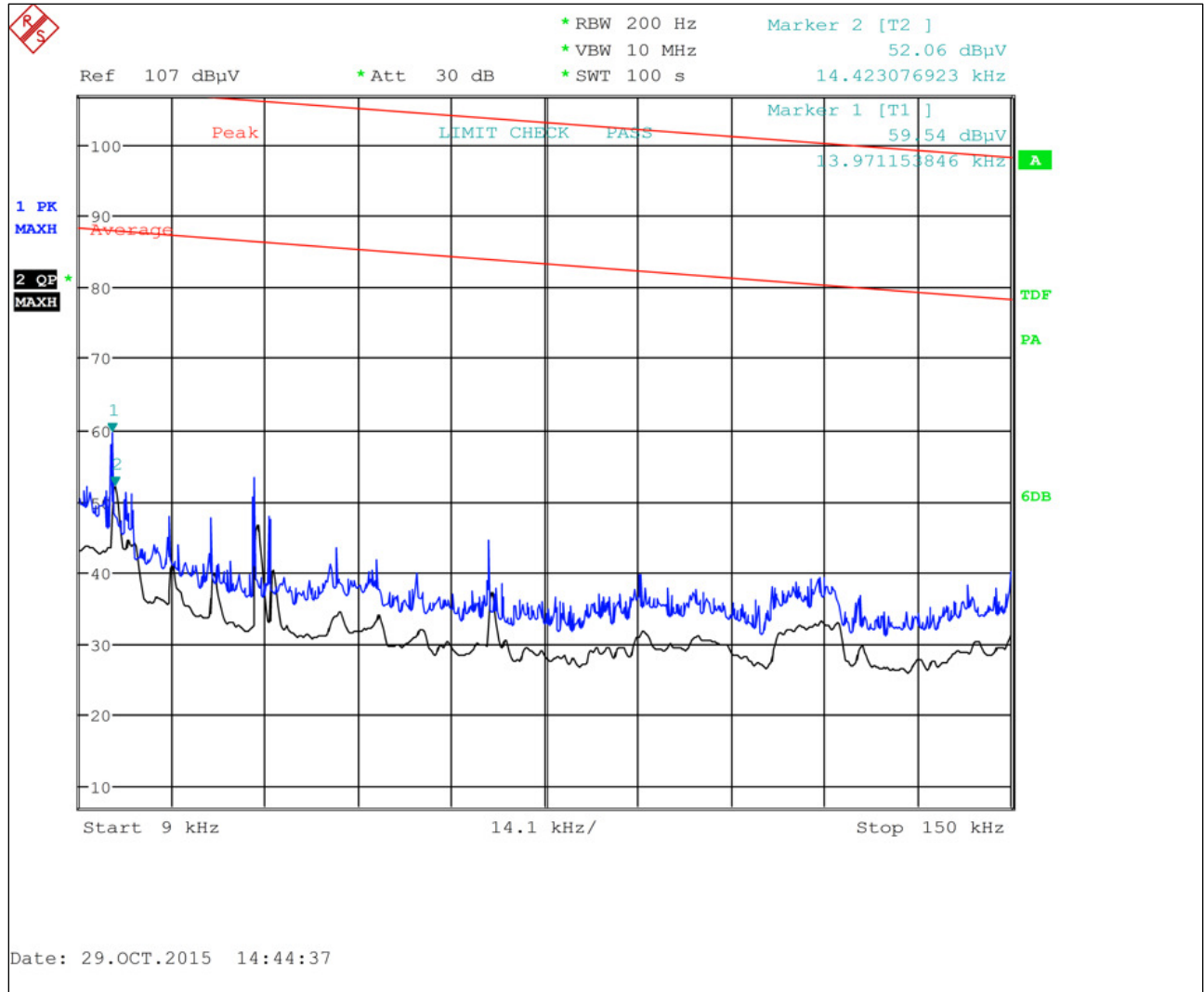


Table 6-16: Radiated Emissions of Carrier – TC #7 Concrete Container

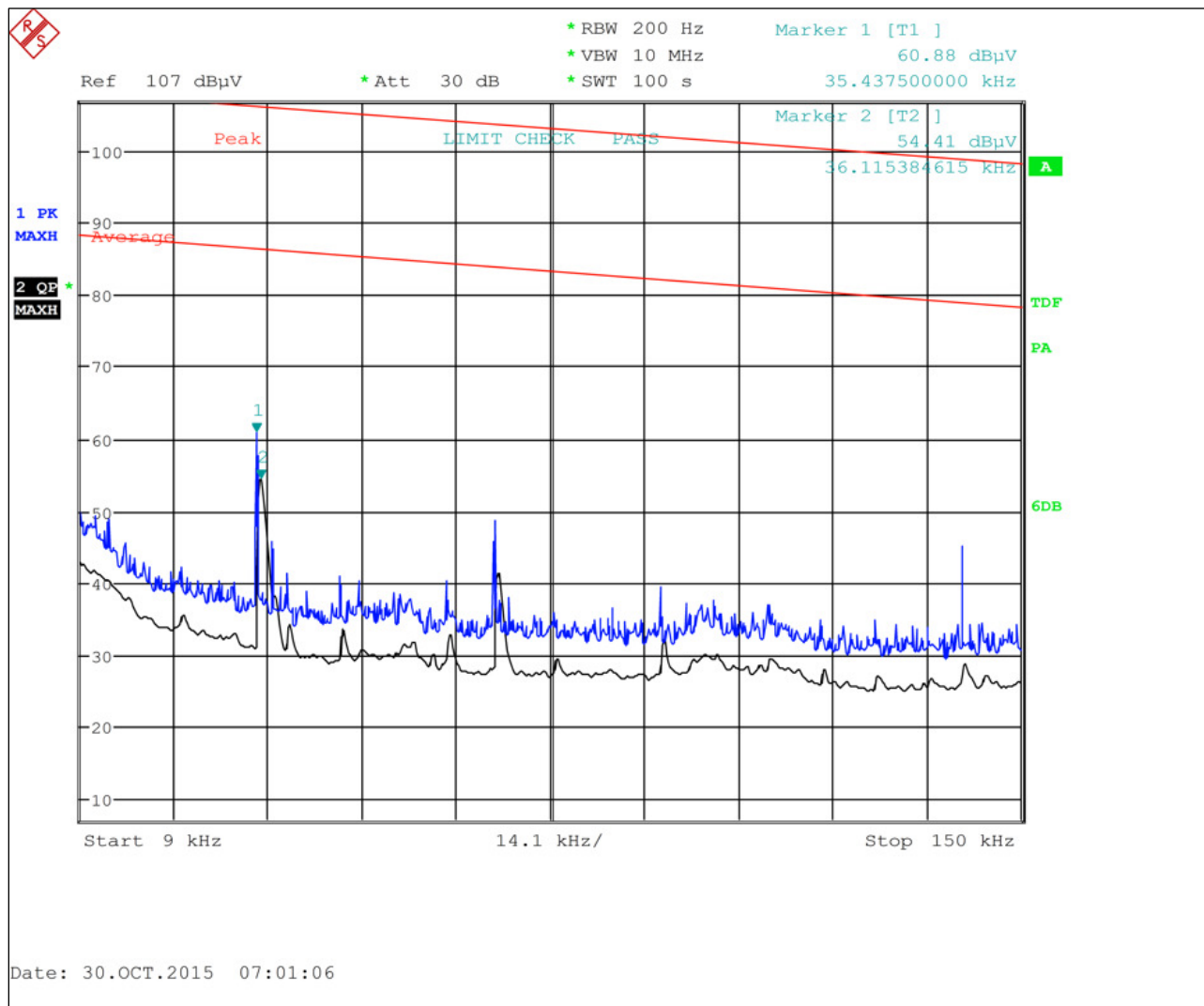
Frequency (GHz)	Detector	Test Antenna Pol	Corrected Spectrum Analyzer Level (dBμV/m)	FCC Limit (dBμV)	Margin (dB)	Corrected Spectrum Analyzer Level (dBm/MHz)	IC Limit (dBm/MHz)	Margin (dBm/MHz)
25.9814	Peak	V	48.1	74.0	-25.9	NA		
25.8452	Average	V	40.4	54.0	-13.6	-54.8	-41.3	13.5

6.3.2.20 Radiated Emissions Below 1 GHz Test Data – TC#7 Concrete Container

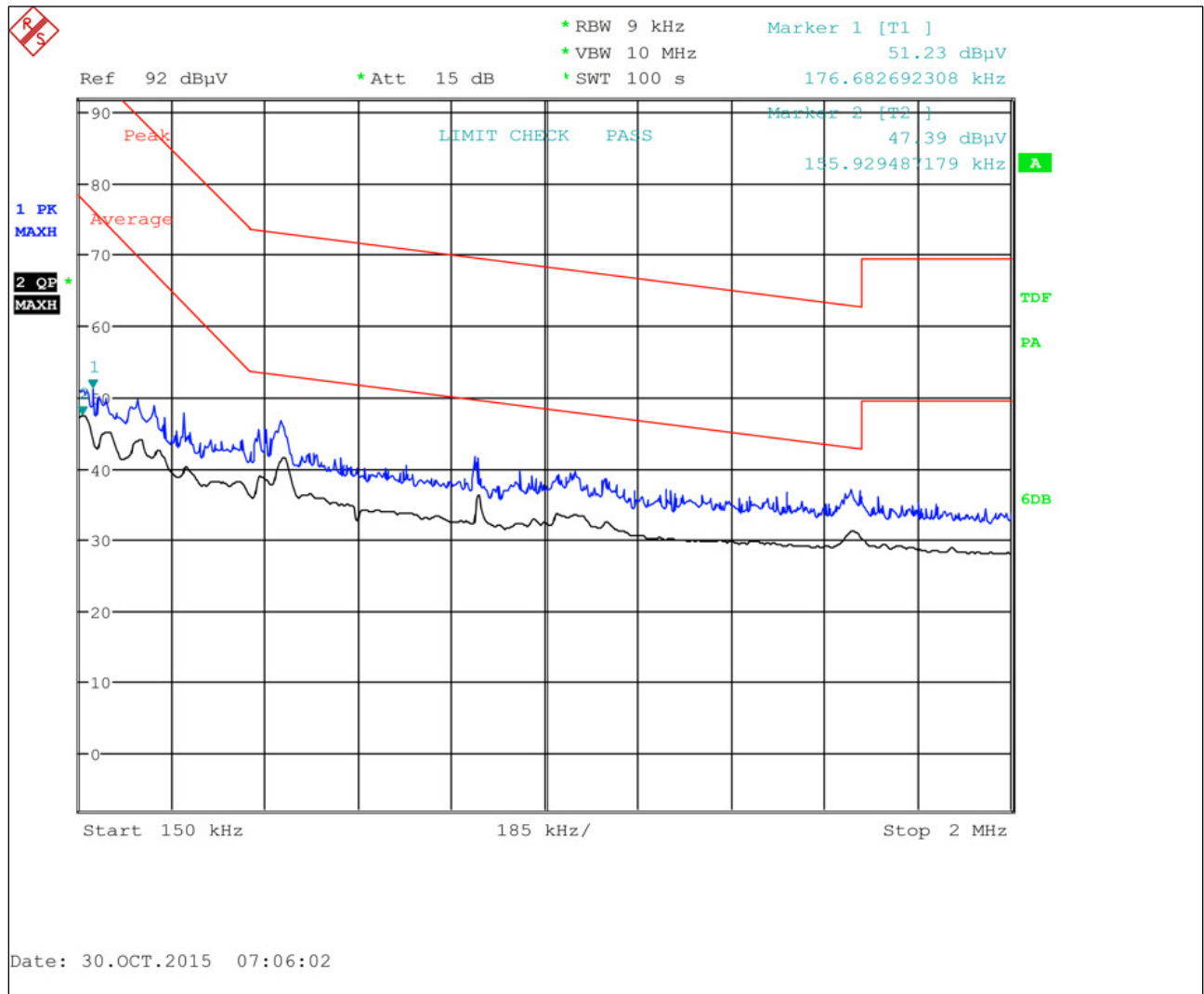
Plot 6-315: Radiated Emissions Transmit – 9 kHz – 150 kHz Horizontal Peak/Average



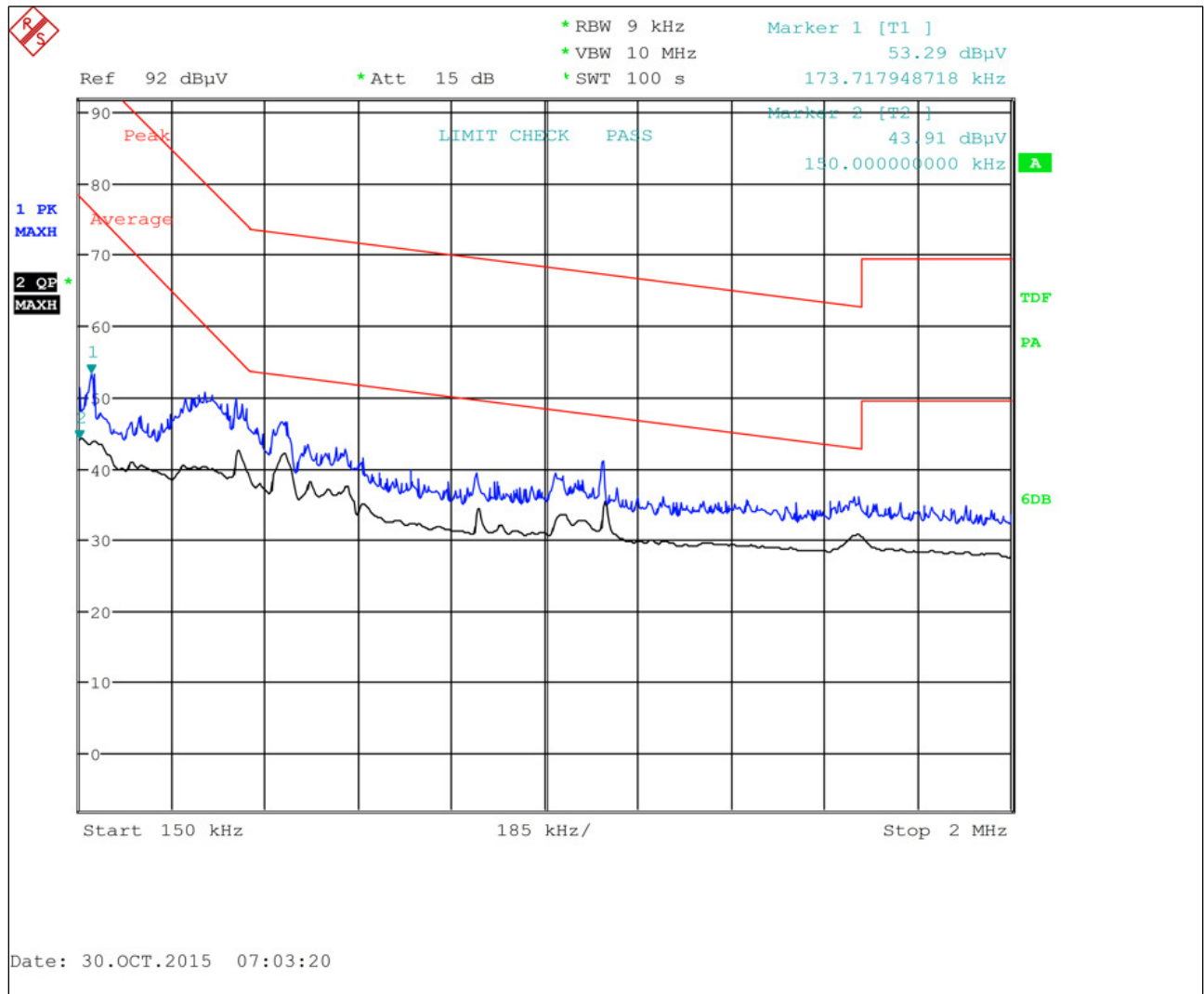
Plot 6-316: Radiated Emissions Transmit – 9 kHz – 150 kHz Vertical Peak/Average



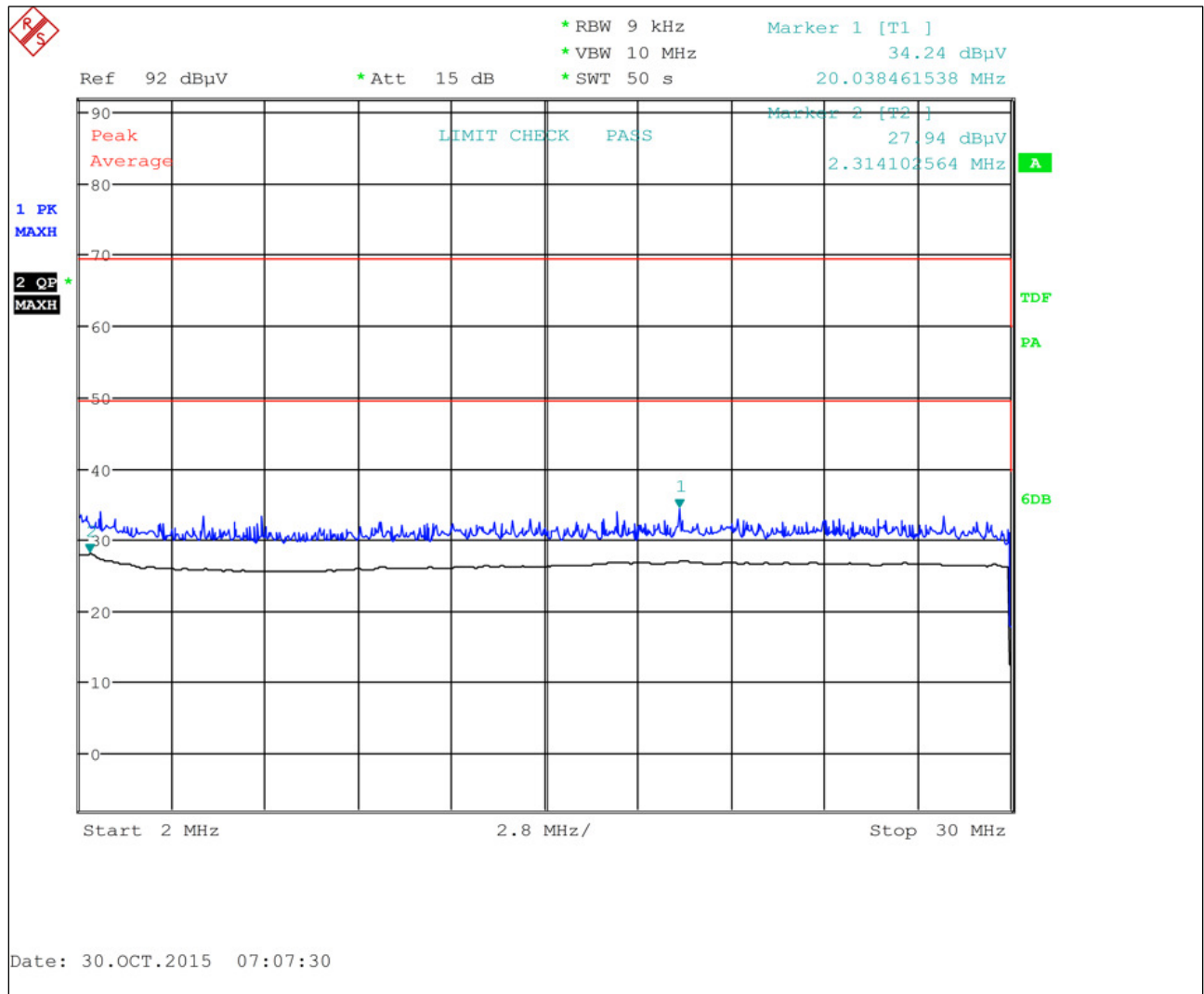
Plot 6-317: Radiated Emissions Transmit – 150 kHz – 2 MHz Horizontal Peak/Average



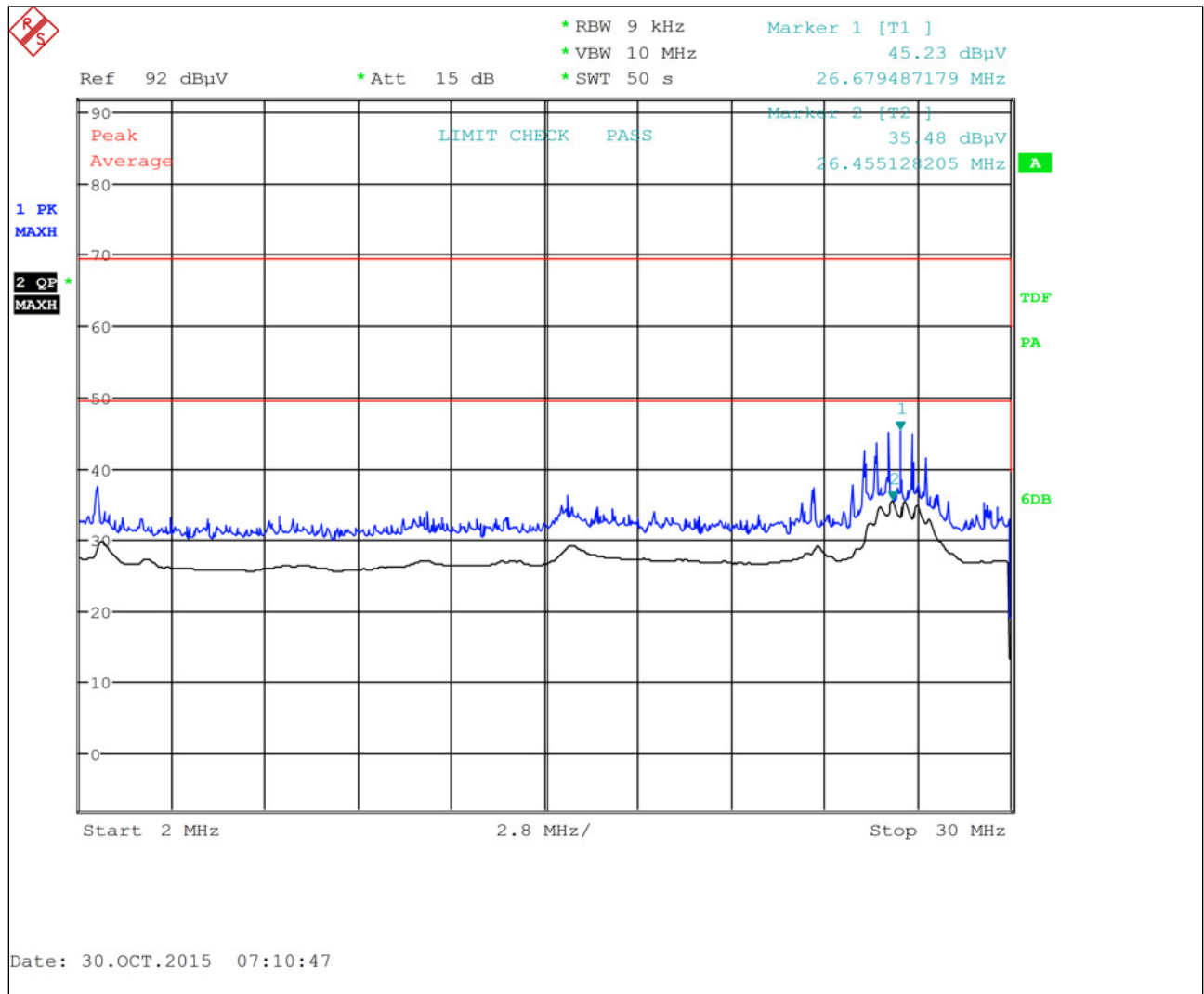
Plot 6-318: Radiated Emissions Transmit – 150 kHz – 2 MHz Vertical Peak/Average



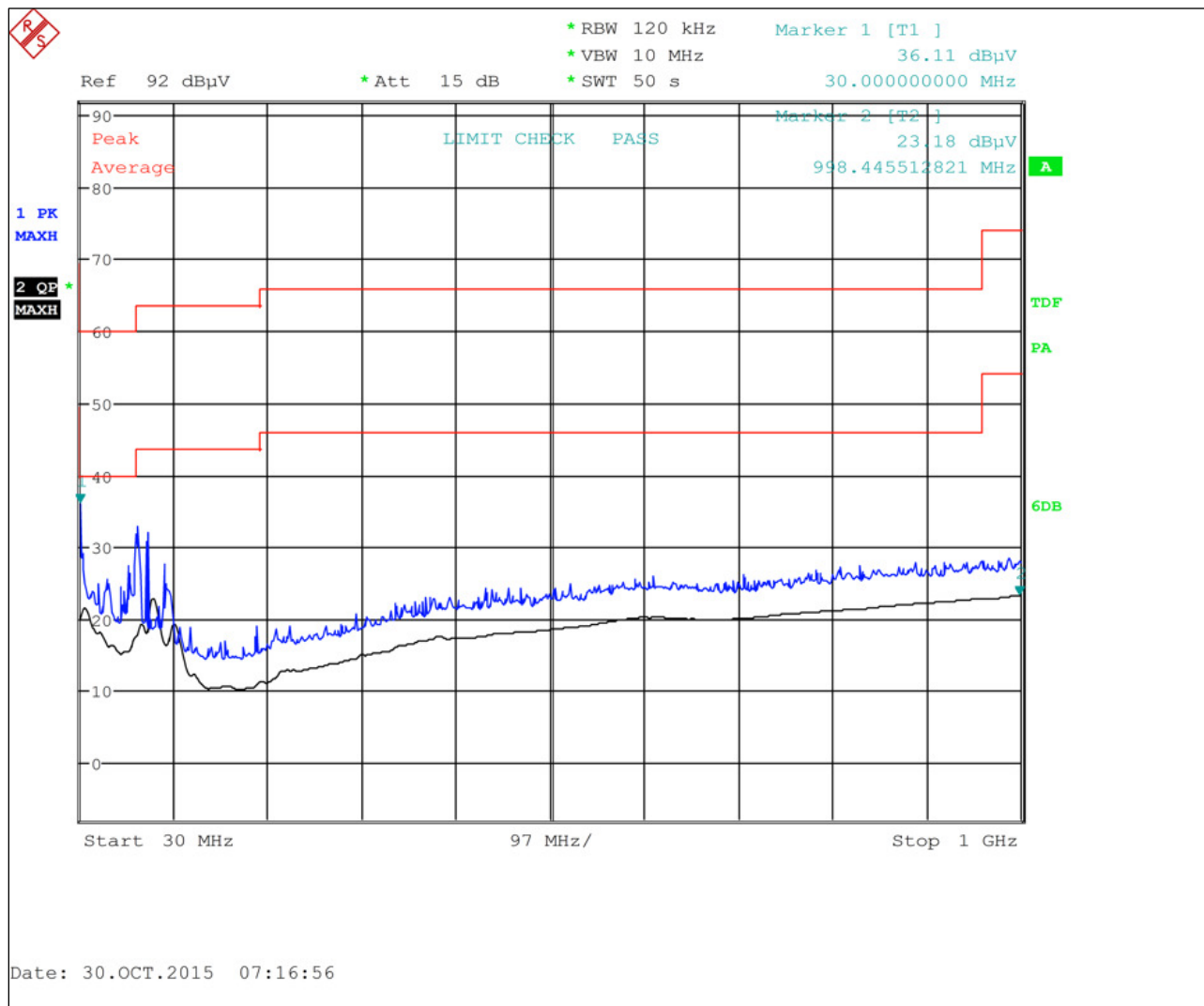
Plot 6-319: Radiated Emissions Transmit – 2 MHz – 30 MHz Horizontal Peak/Average



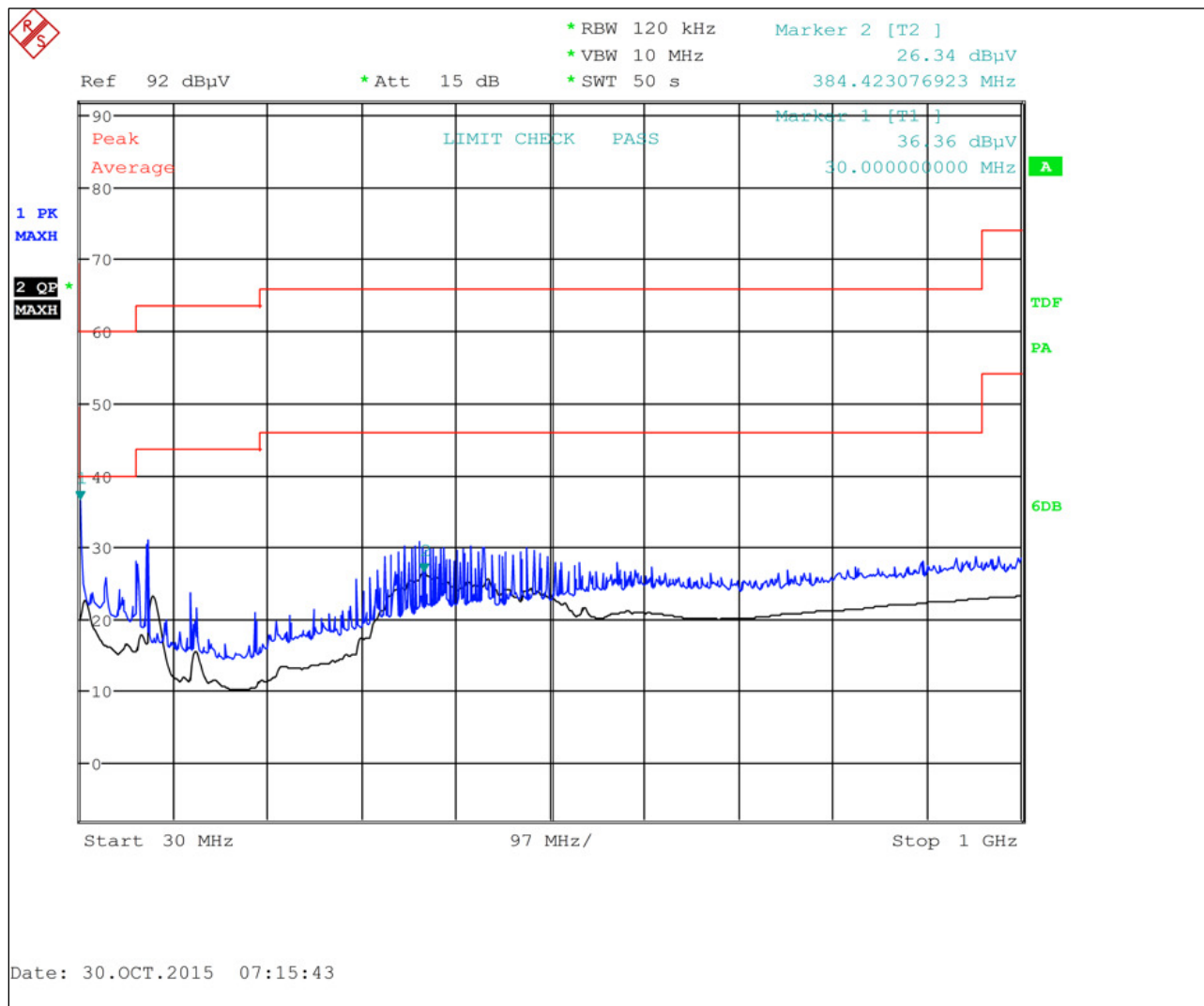
Plot 6-320: Radiated Emissions Transmit – 2 MHz – 30 MHz Vertical Peak/Average



Plot 6-321: Radiated Emissions Transmit – 30 MHz – 1 GHz Horizontal Peak/Average



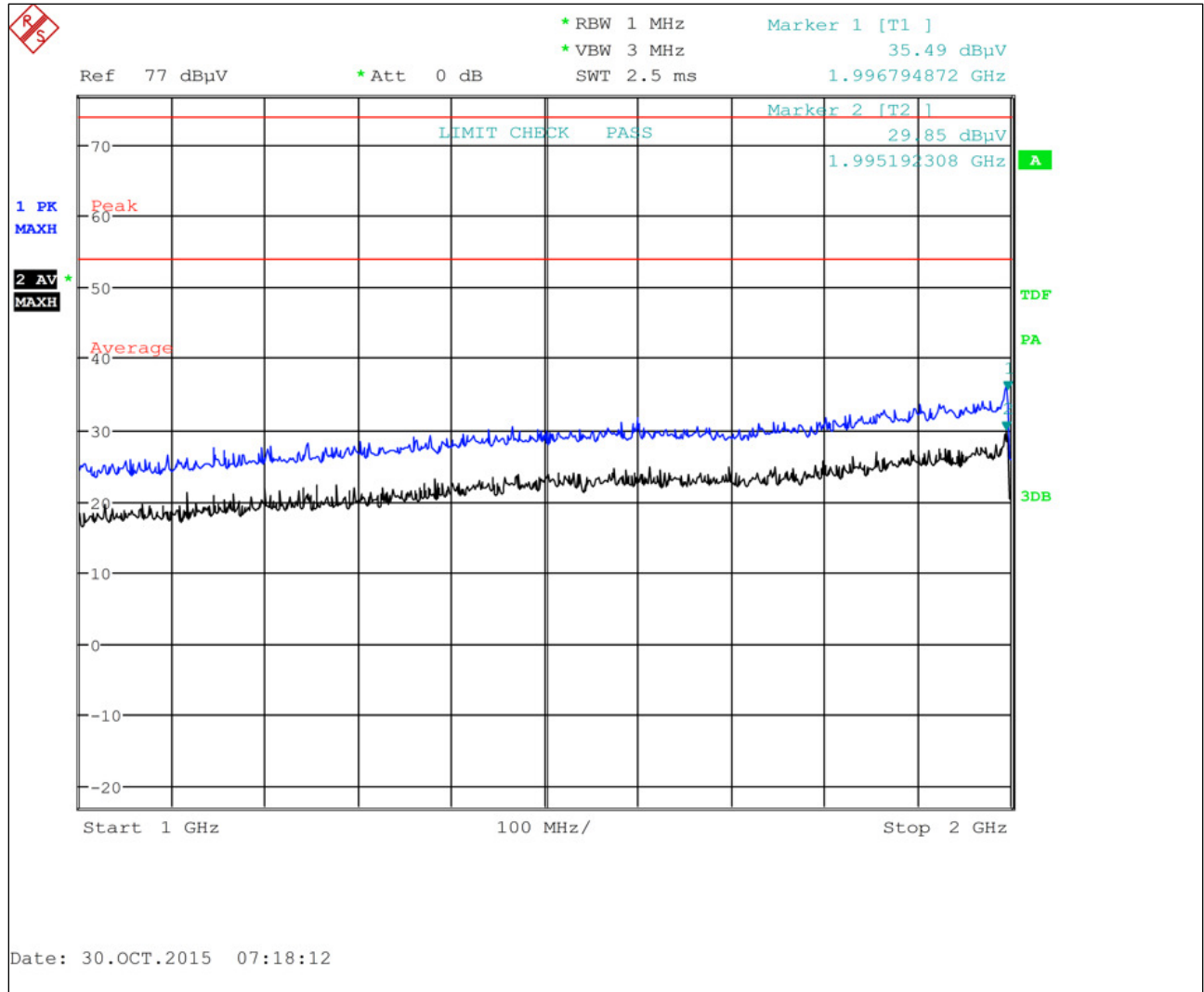
Plot 6-322: Radiated Emissions Transmit – 30 MHz – 1 GHz Vertical Peak/Average



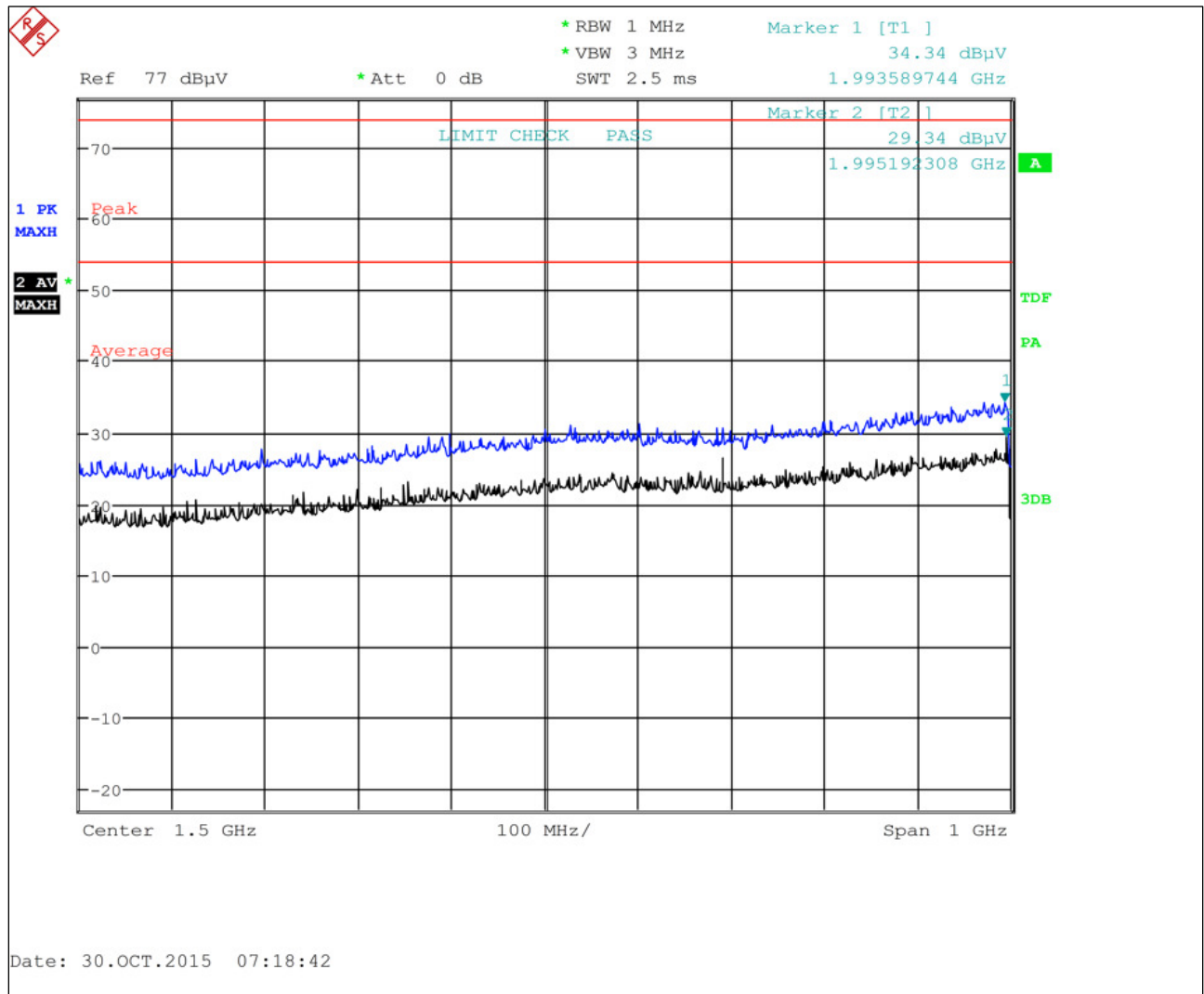
Note: Unwanted emissions were investigated as a digital device (other than harmonics) as required by 15.33(a)(3).

6.3.2.21 Radiated Emissions 1 GHz – 26 GHz Test Data – TC#7 Concrete Container

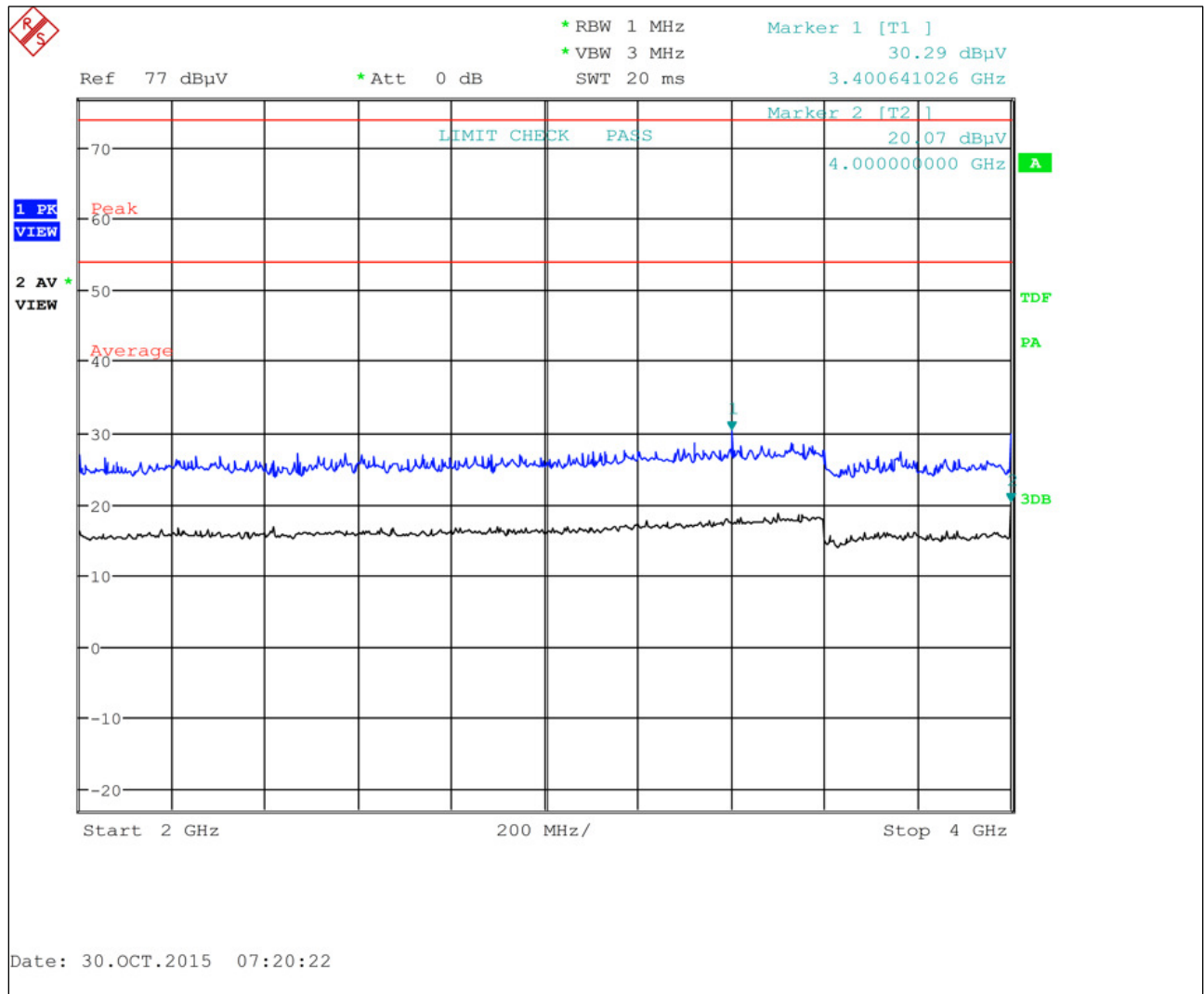
Plot 6-323: Radiated Emissions 1 GHz – 2 GHz Horizontal Peak/Average



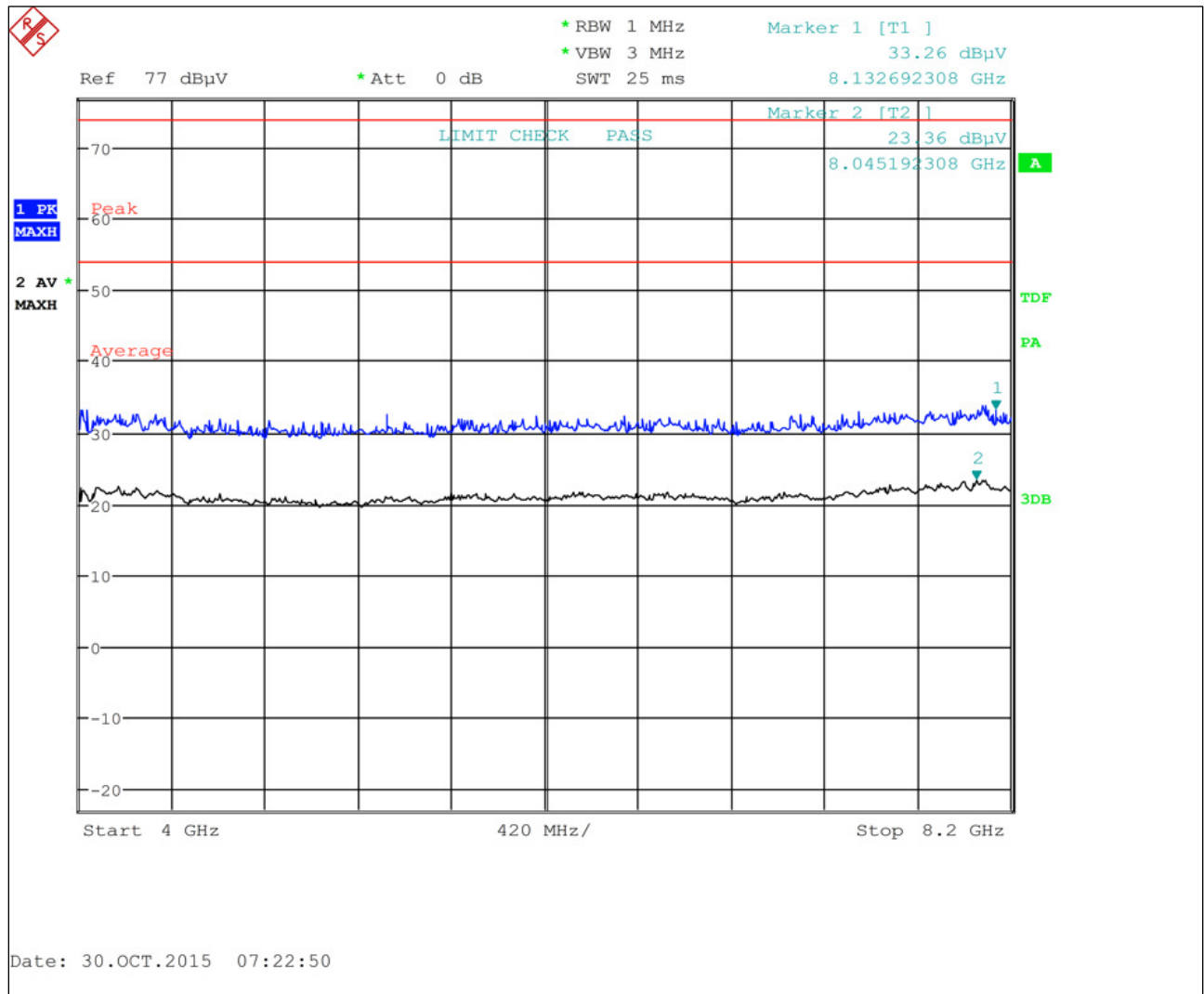
Plot 6-324: Radiated Emissions 1 GHz – 2 GHz Vertical Peak/Average



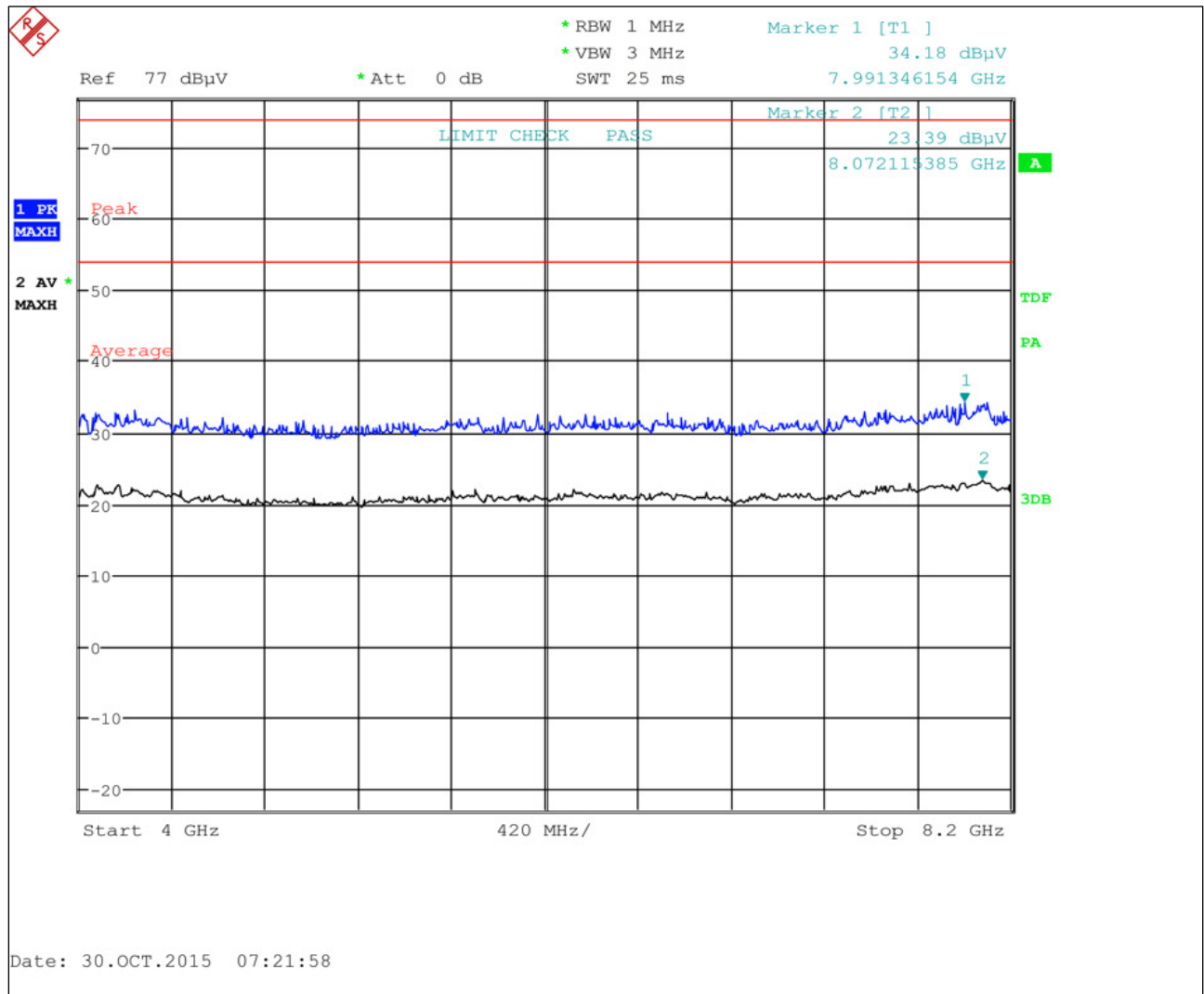
Plot 6-325: Radiated Emissions 2 GHz – 4 GHz Horizontal Peak/Average



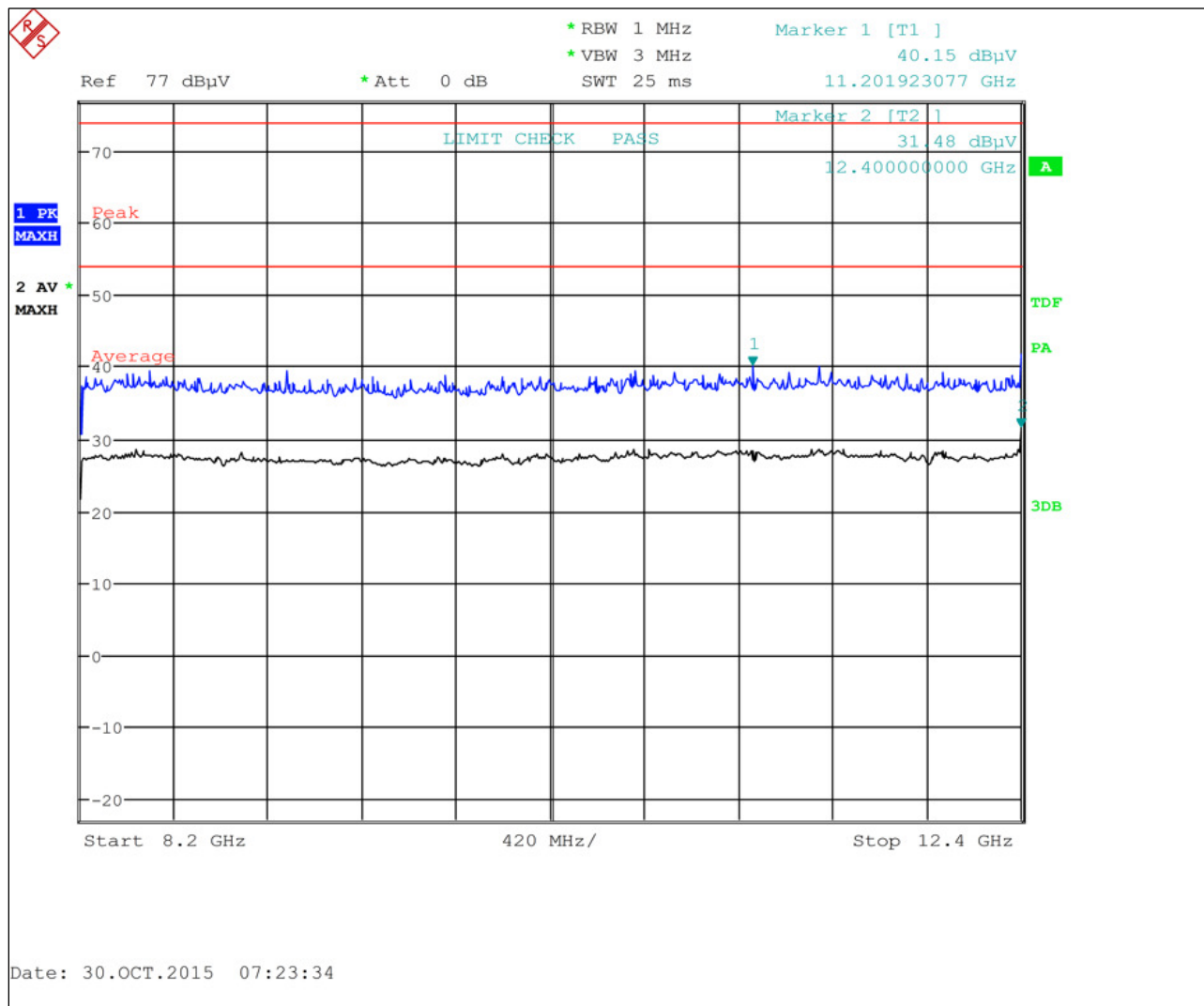
Plot 6-327: Radiated Emissions 4 GHz – 8 GHz Horizontal Peak/Average



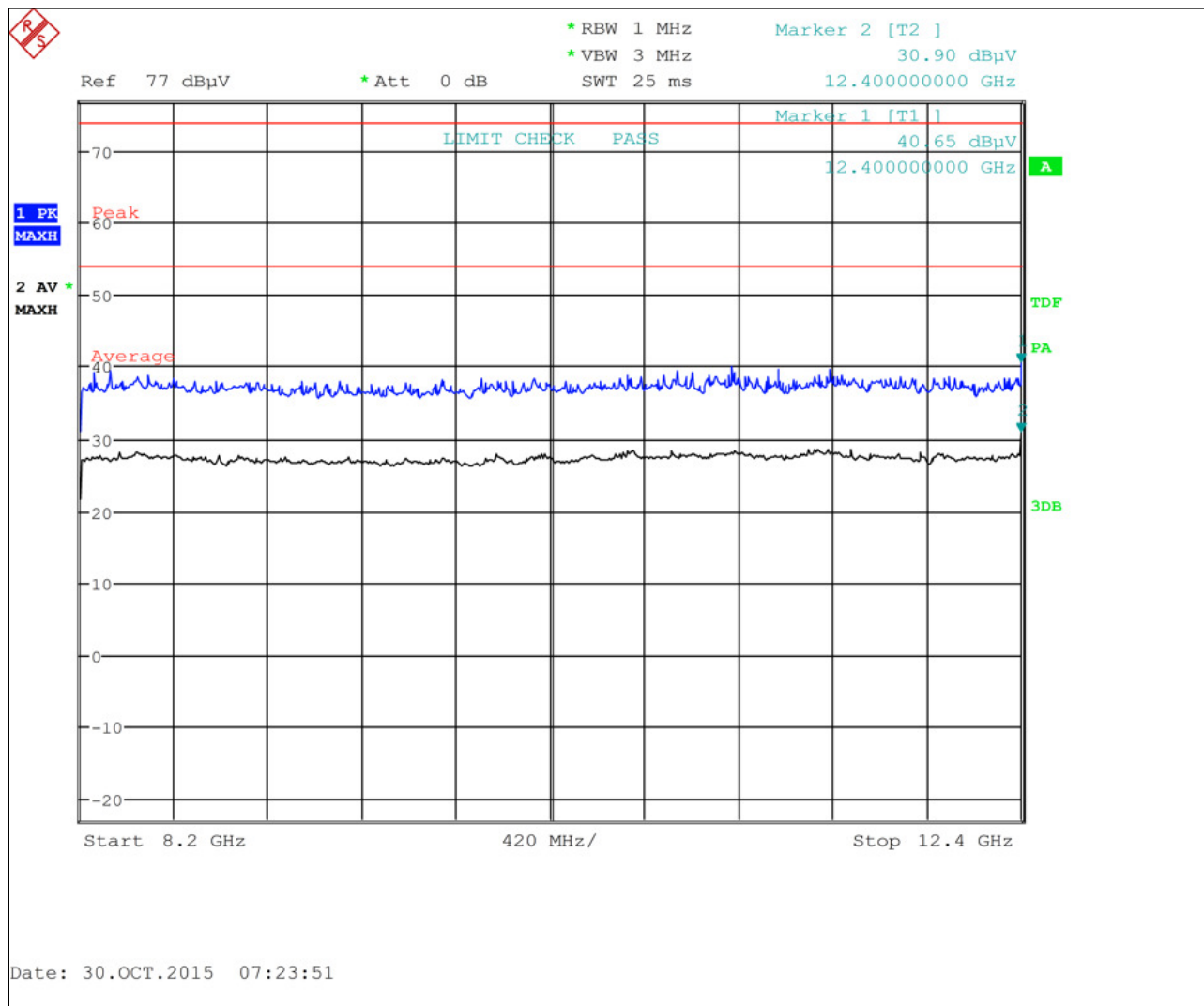
Plot 6-328: Radiated Emissions 4 GHz – 8 GHz Vertical Peak/Average



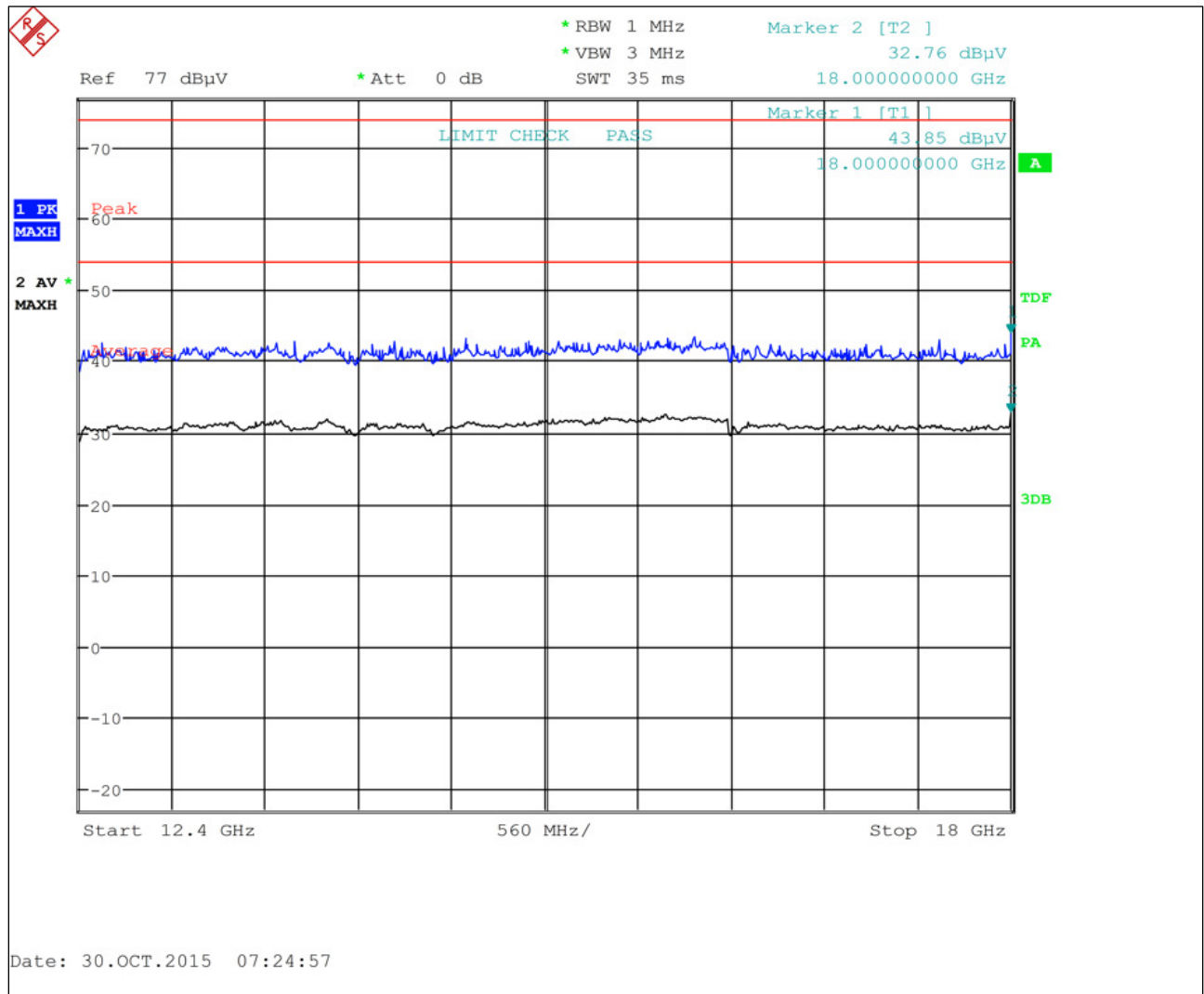
Plot 6-329: Radiated Emissions 8 GHz – 12 GHz Horizontal Peak/Average



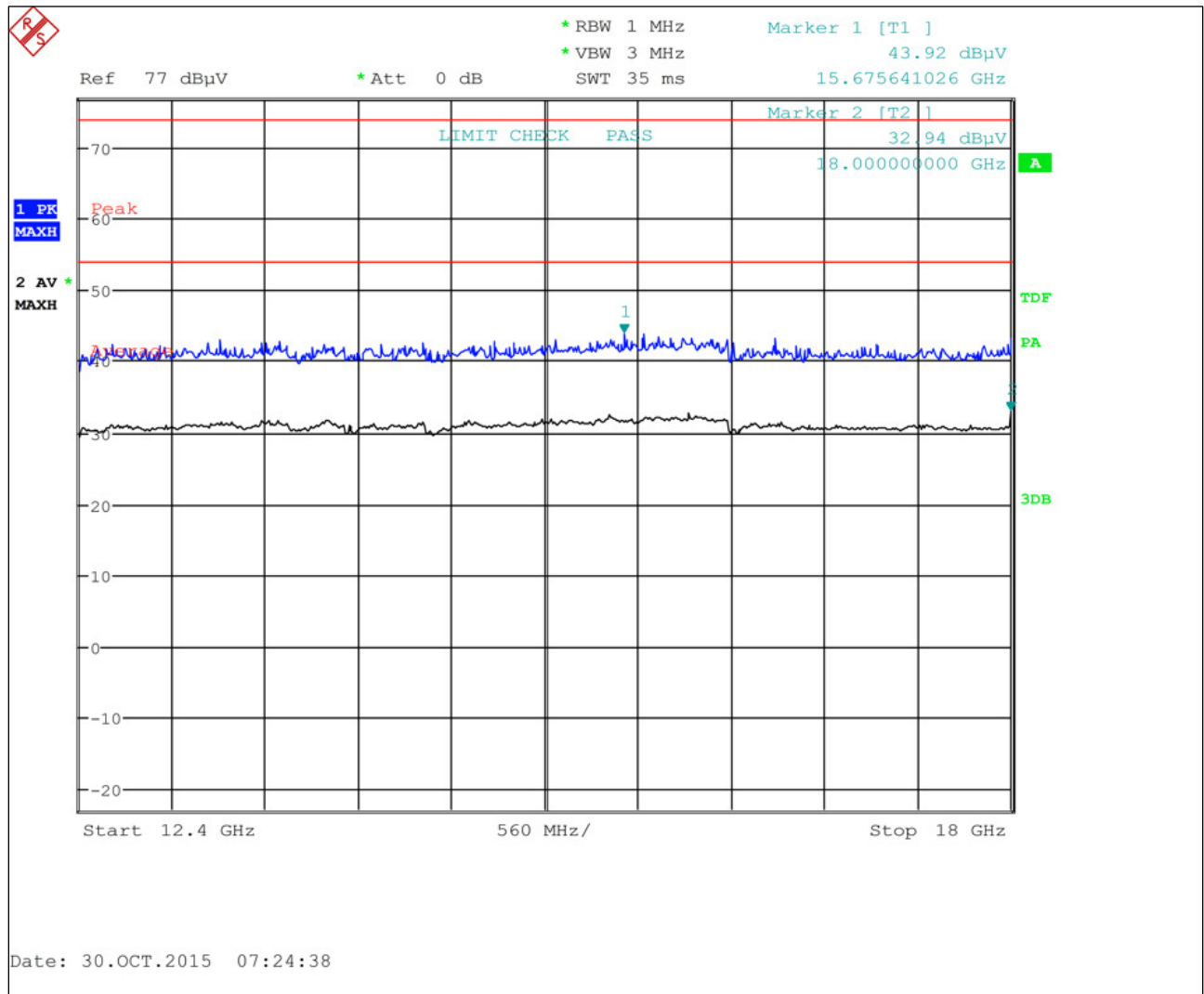
Plot 6-330: Radiated Emissions 8 GHz – 12 GHz Vertical Peak/Average



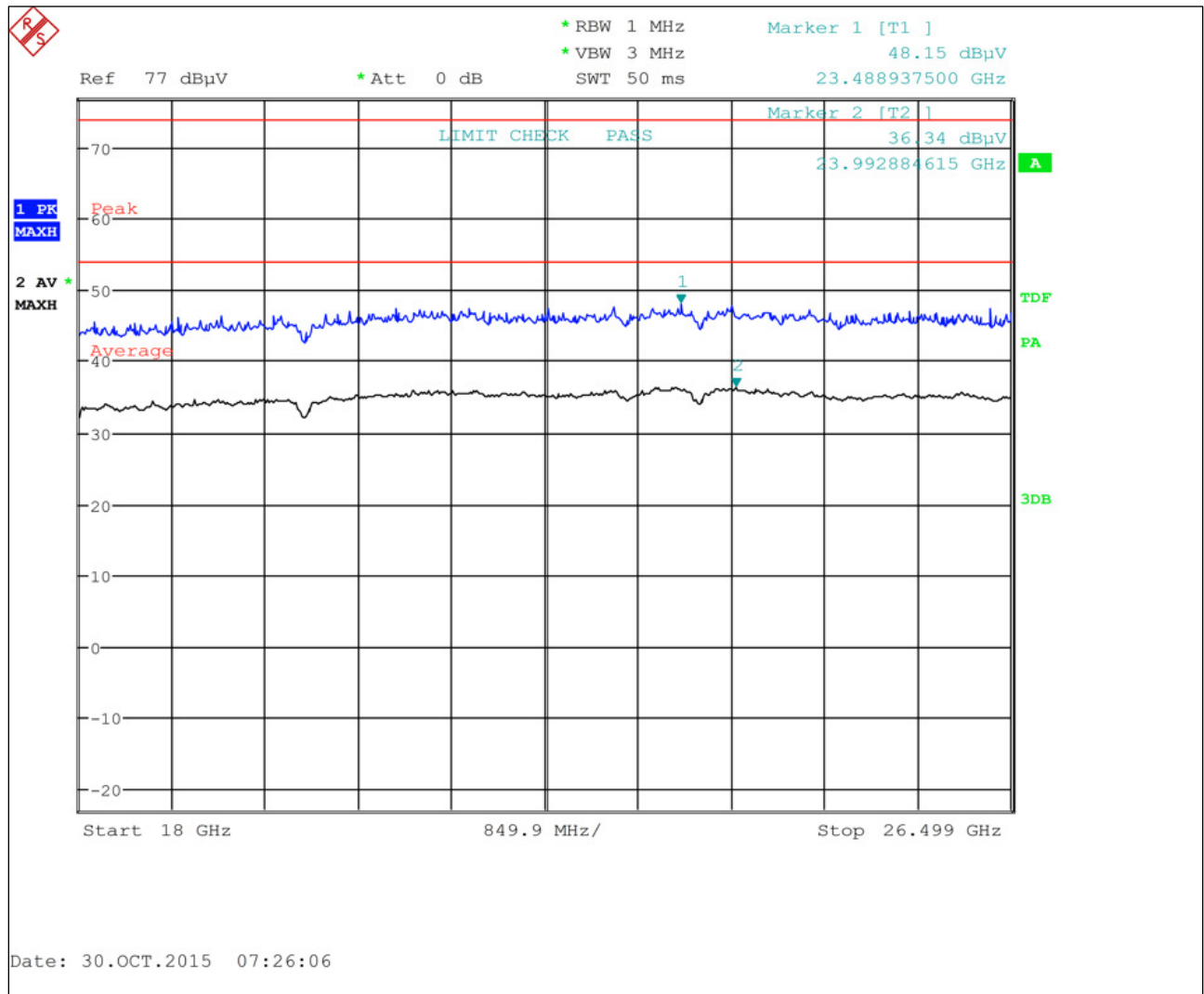
Plot 6-331: Radiated Emissions 12 GHz – 18 GHz Horizontal Peak/Average



Plot 6-332: Radiated Emissions 12 GHz – 18 GHz Vertical Peak/Average



Plot 6-333: Radiated Emissions 18 GHz – 26 GHz Horizontal Peak/Average



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Plot 6-334: Radiated Emissions 18 GHz – 26 GHz Vertical Peak/Average

