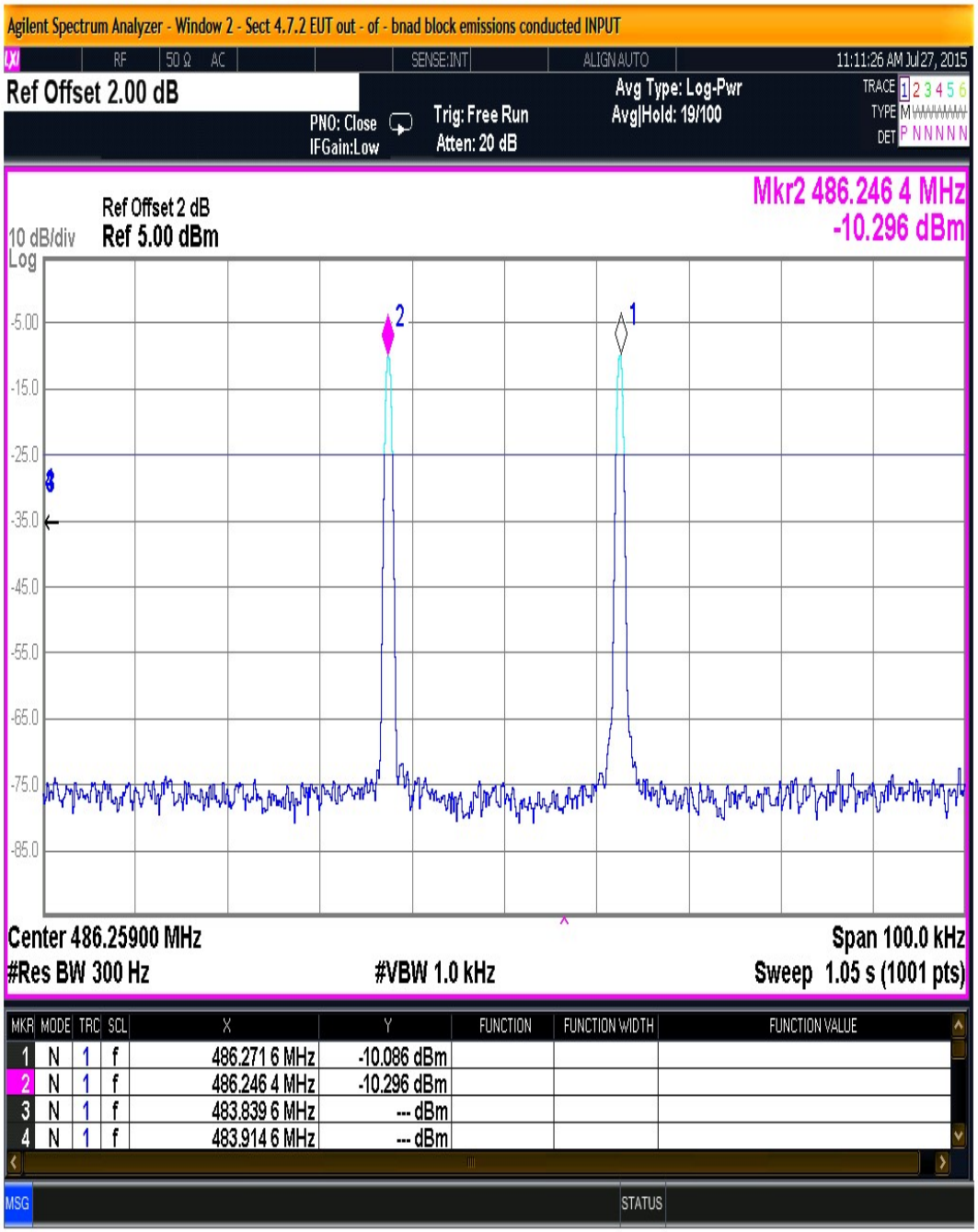

Figure 79. Window 2 - Sect 4.7.2 EUT out - of - band block emissions conducted INPUT

 © 2015 Washington Laboratories, Ltd.

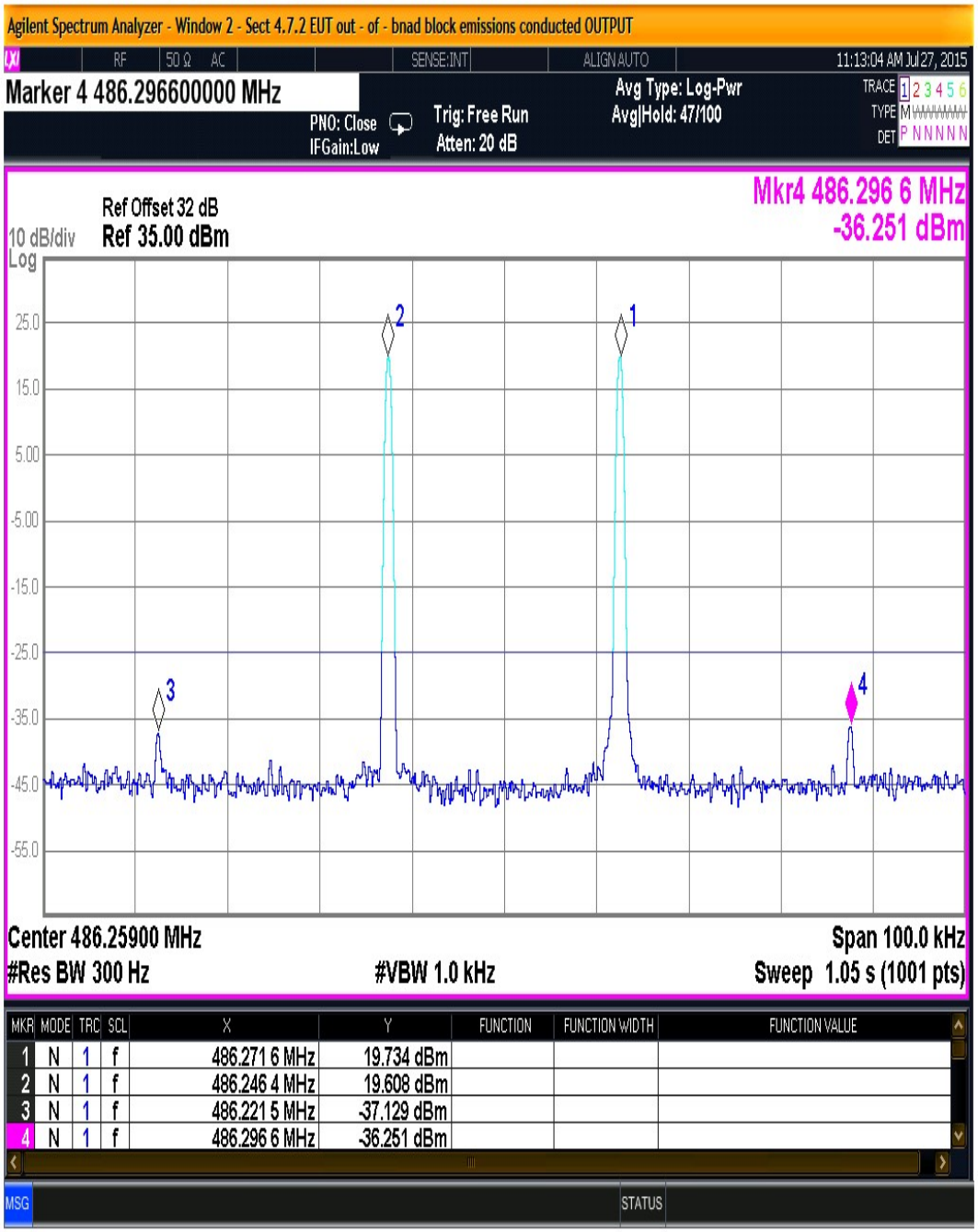

Figure 80. Window 2 - Sect 4.7.2 EUT out - of - band block emissions conducted OUTPUT

 © 2015 Washington Laboratories, Ltd.

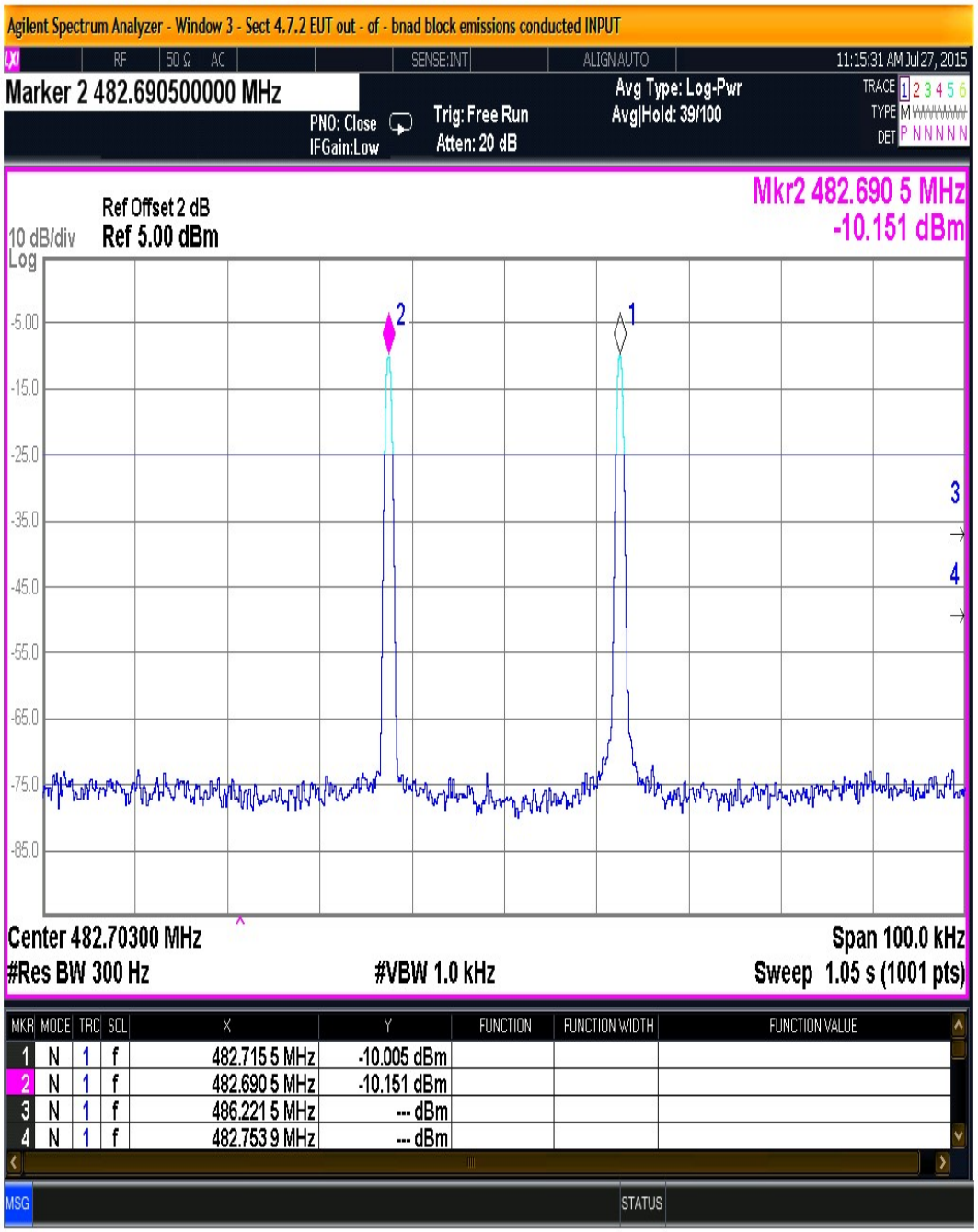

Figure 81. Window 3 - Sect 4.7.2 EUT out - of - band block emissions conducted INPUT

 © 2015 Washington Laboratories, Ltd.

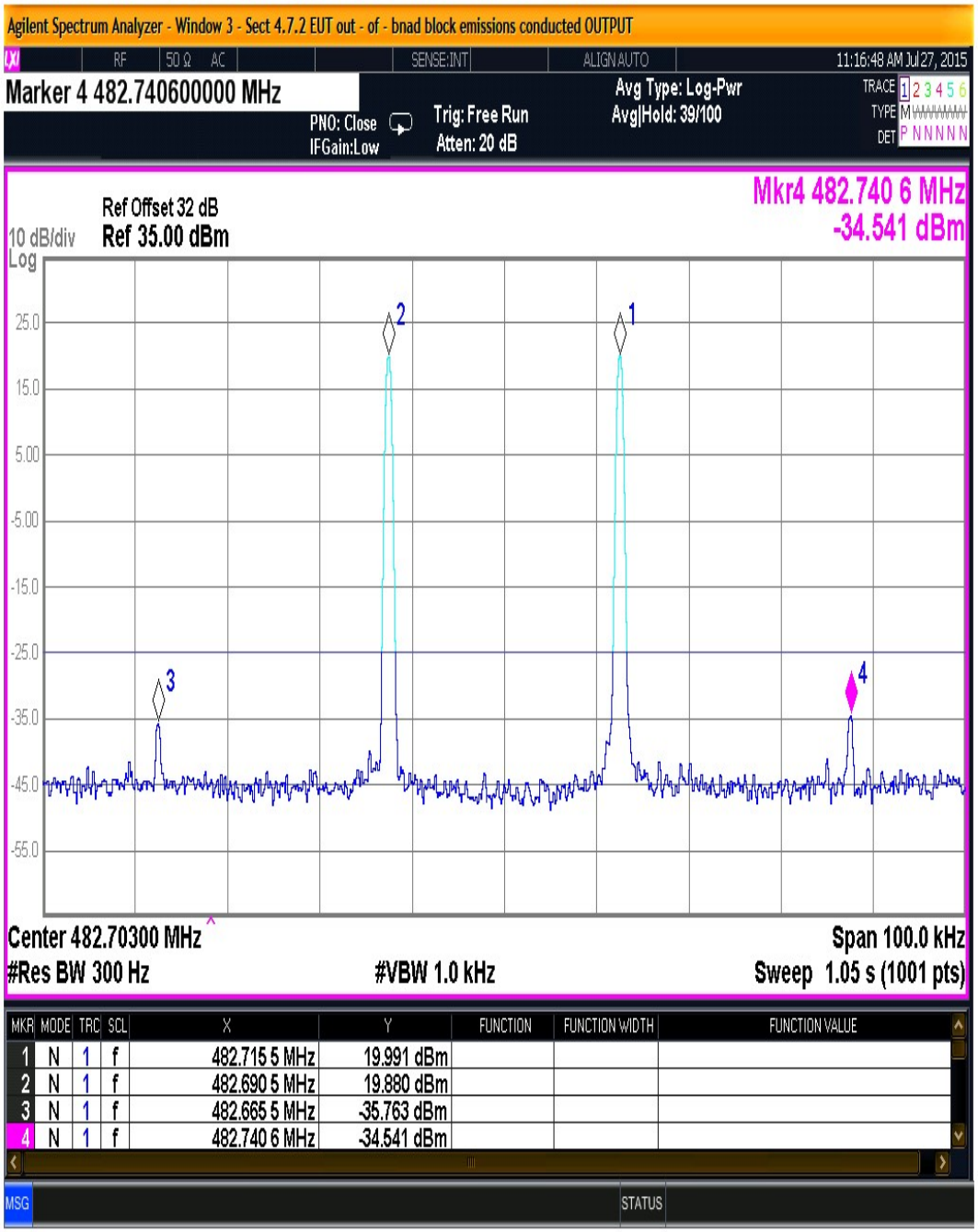

Figure 82. Window 3 - Sect 4.7.2 EUT out - of - band block emissions conducted OUTPUT

 © 2015 Washington Laboratories, Ltd.

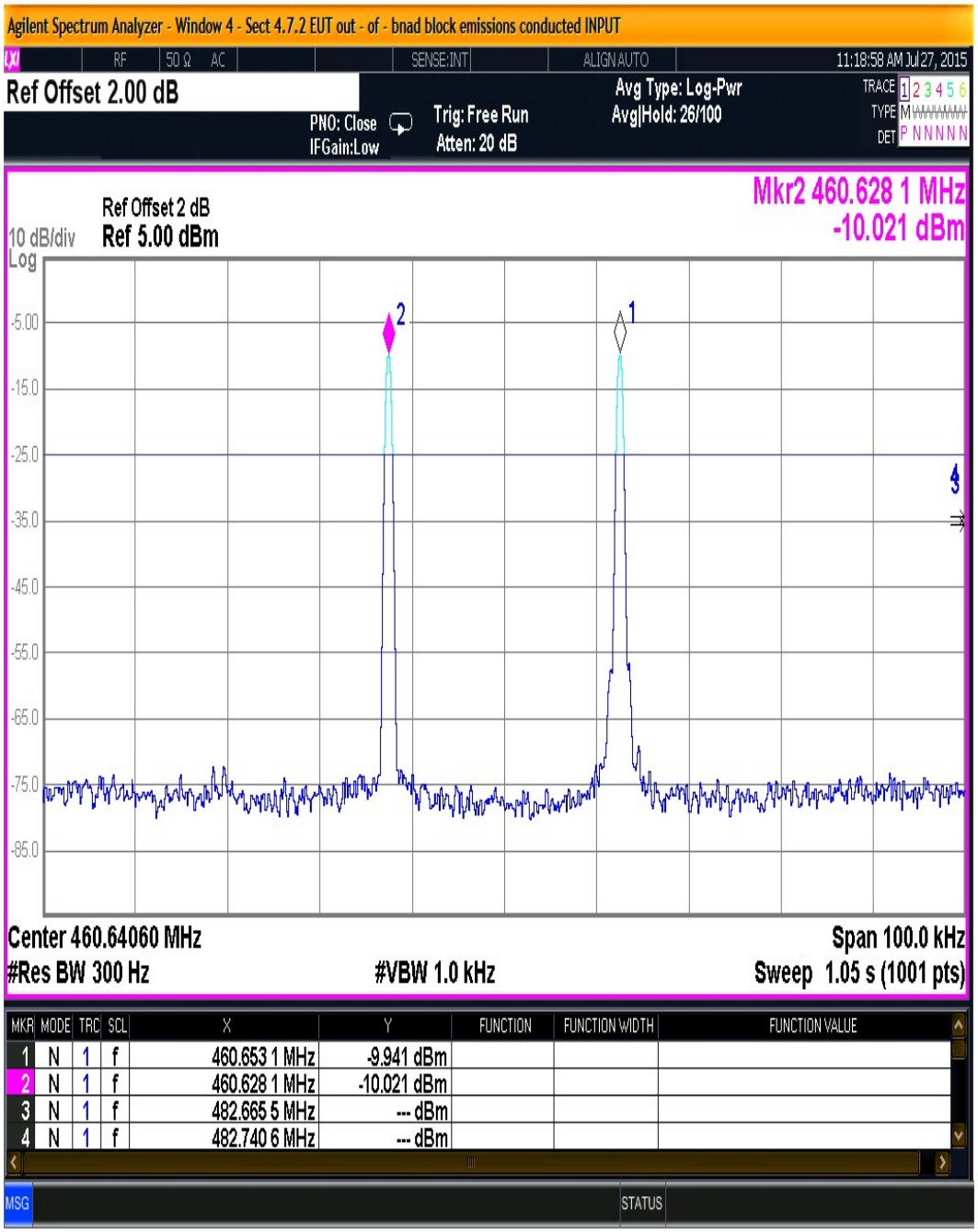

Figure 83. Window 4 - Sect 4.7.2 EUT out - of - band block emissions conducted INPUT

 © 2015 Washington Laboratories, Ltd.

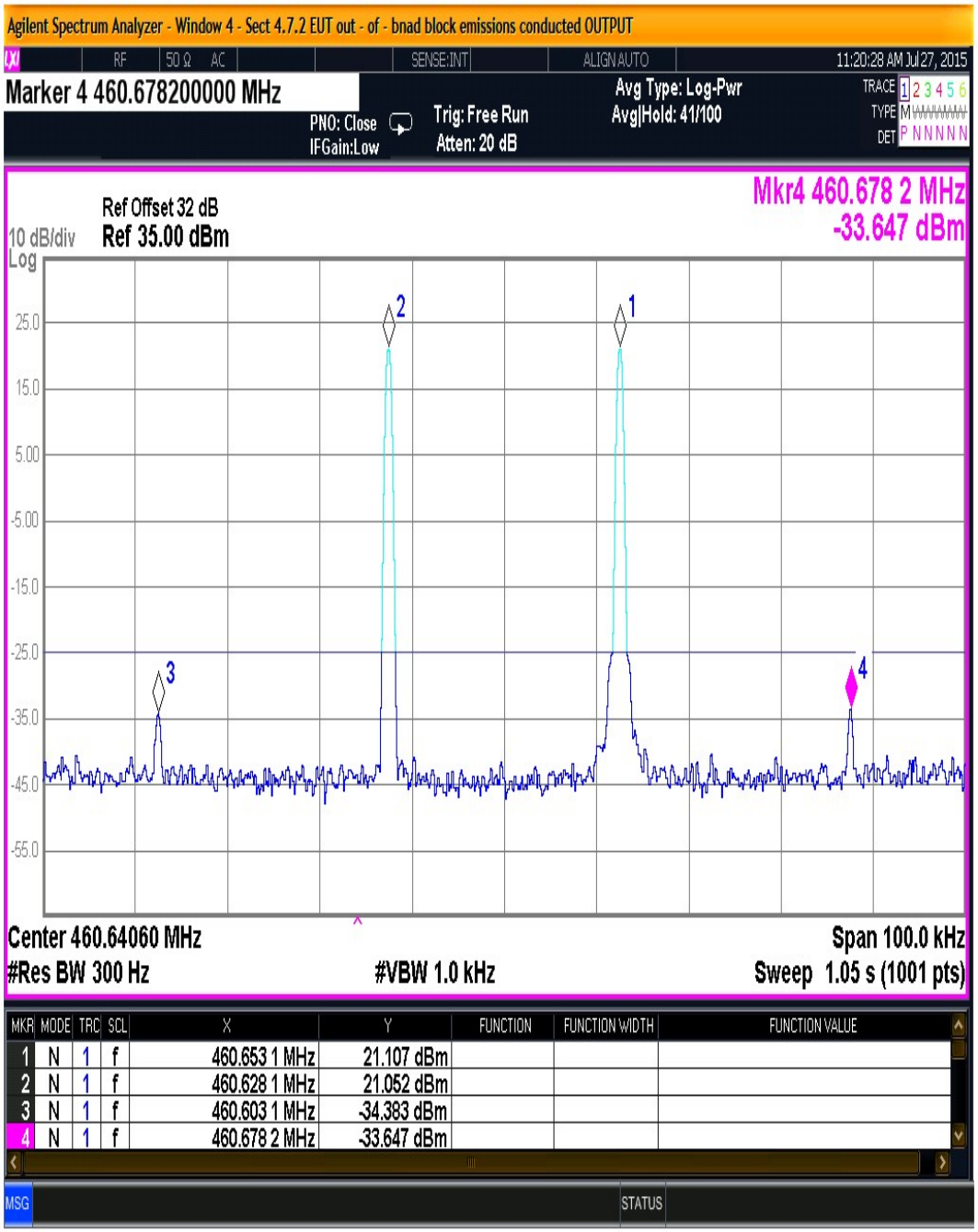

Figure 84. Window 4 - Sect 4.7.2 EUT out - of - band block emissions conducted OUTPUT

 © 2015 Washington Laboratories, Ltd.

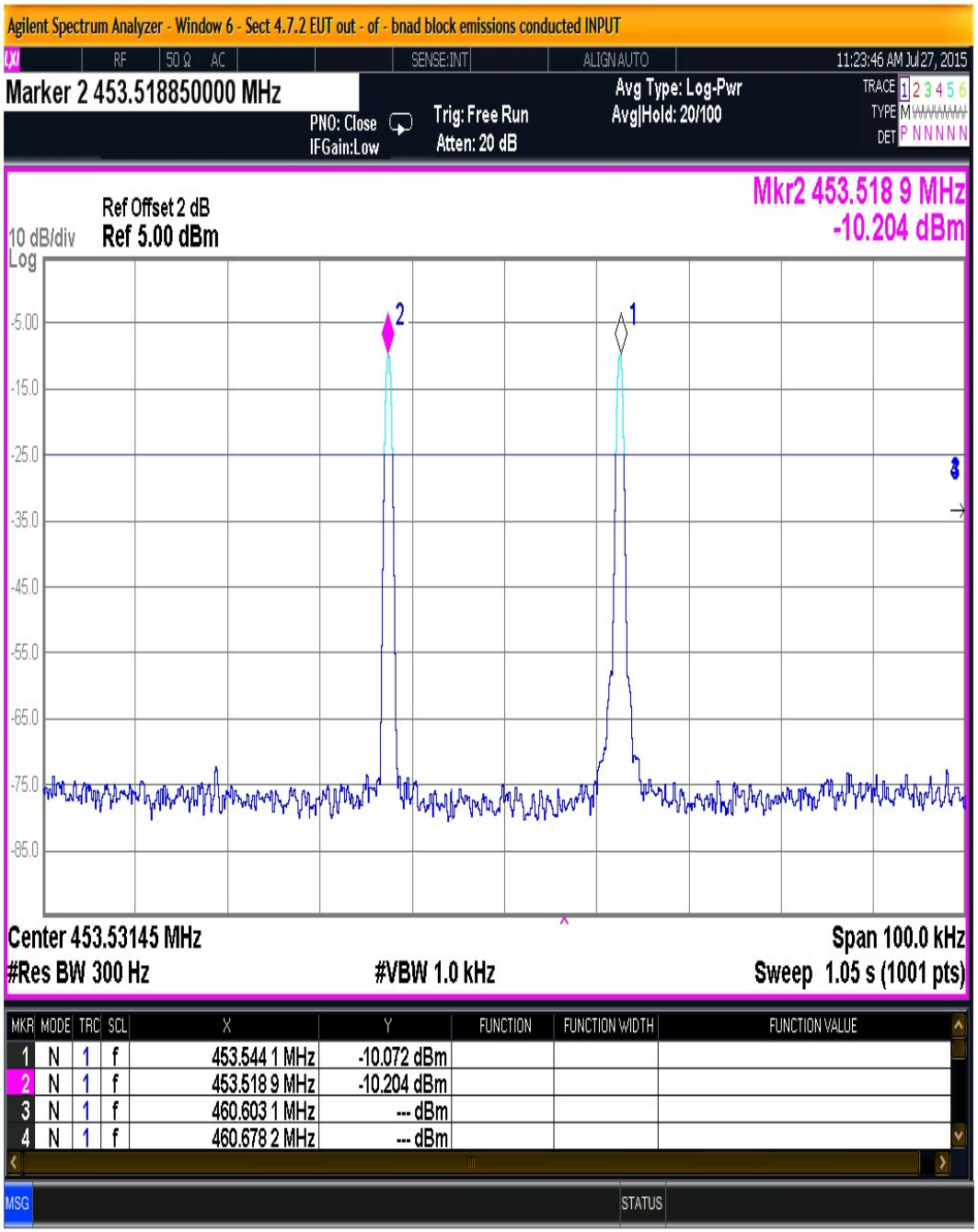

Figure 85. Window 6 - Sect 4.7.2 EUT out - of - band block emissions conducted INPUT

 © 2015 Washington Laboratories, Ltd.

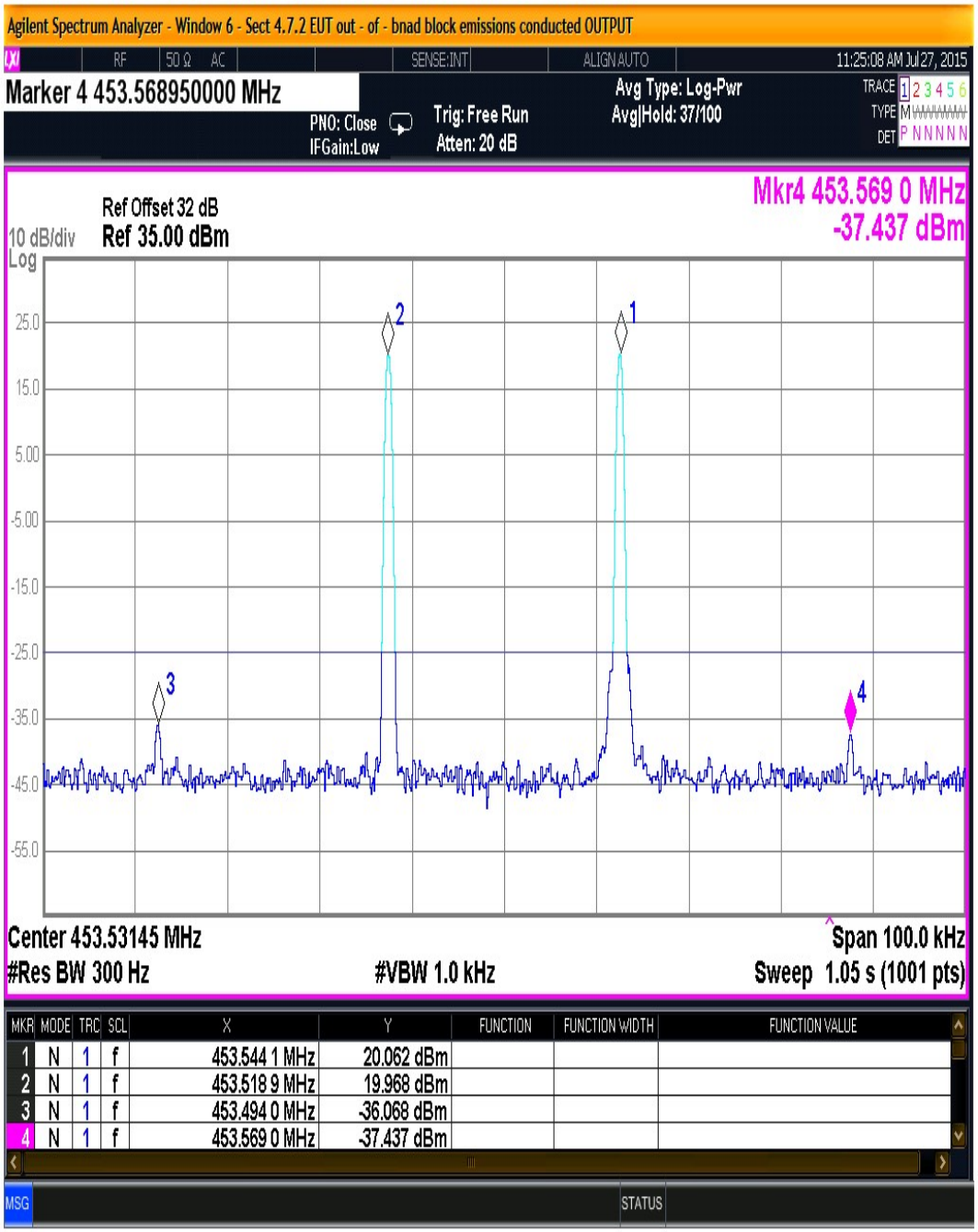

Figure 86. Window 6 - Sect 4.7.2 EUT out - of - band block emissions conducted OUTPUT

 © 2015 Washington Laboratories, Ltd.

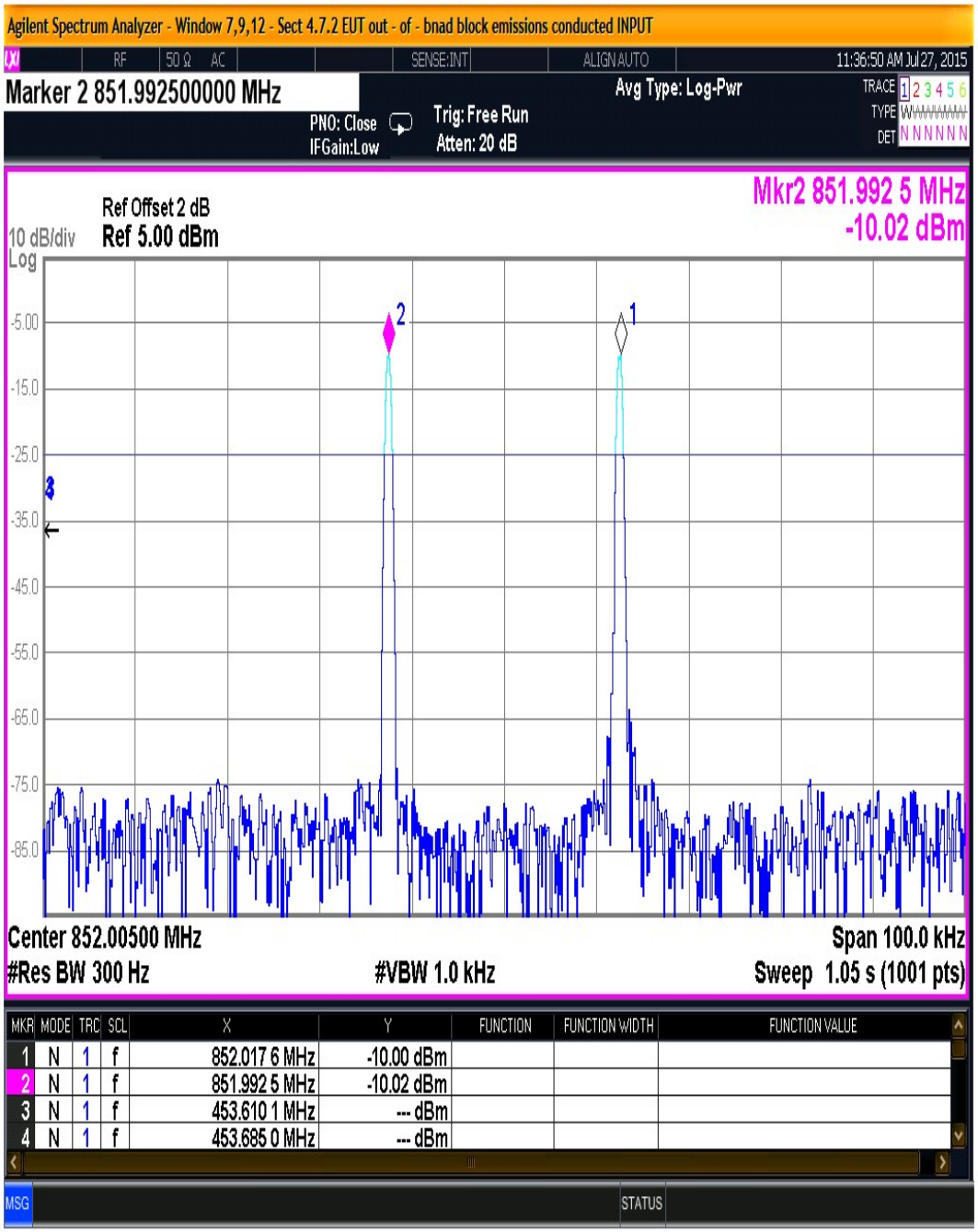

Figure 87. Window 7,9,12 - Sect 4.7.2 EUT out - of - band block emissions conducted INPUT

 © 2015 Washington Laboratories, Ltd.

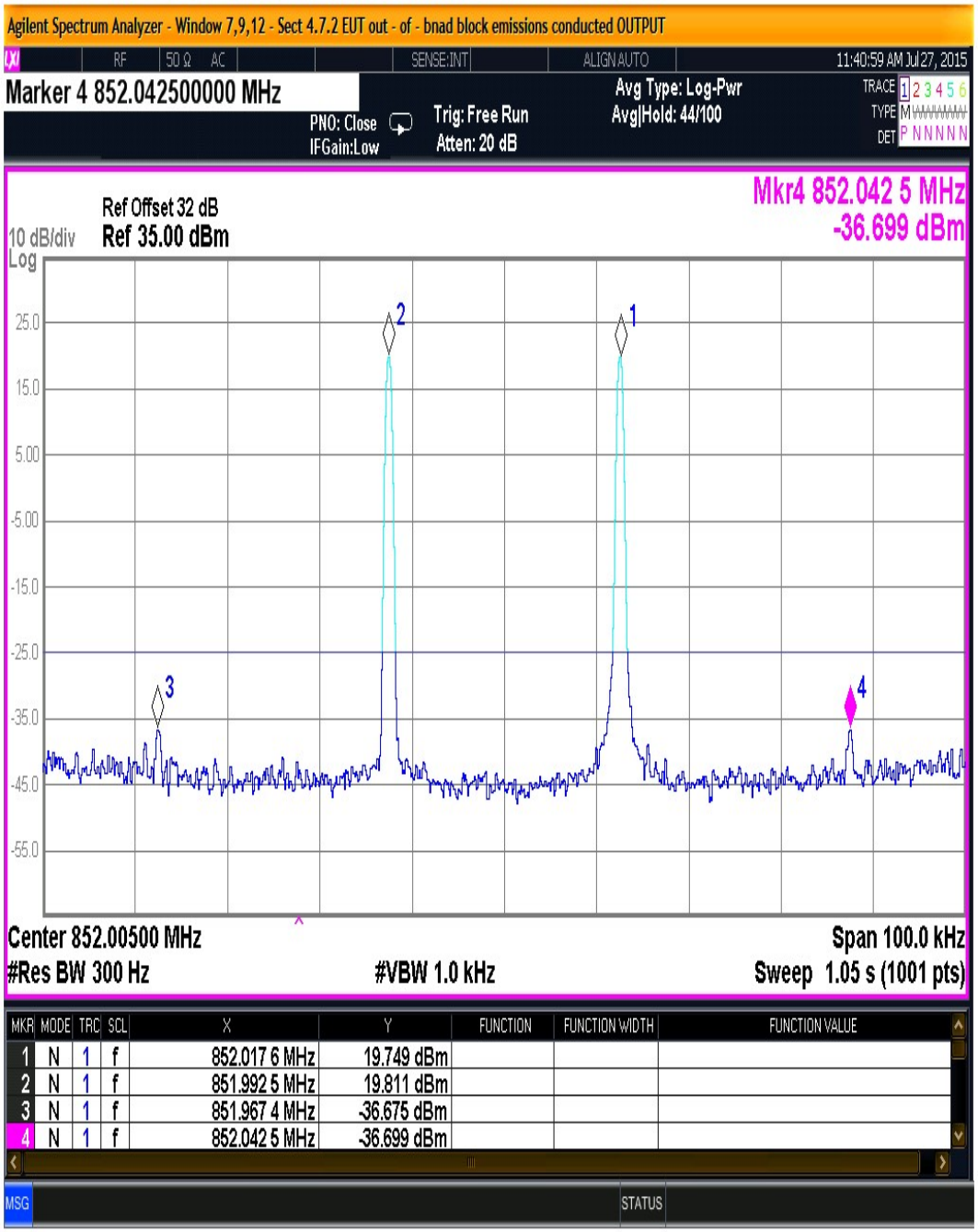

Figure 88. Window 7,9,12 - Sect 4.7.2 EUT out - of - band block emissions conducted OUTPUT

 © 2015 Washington Laboratories, Ltd.

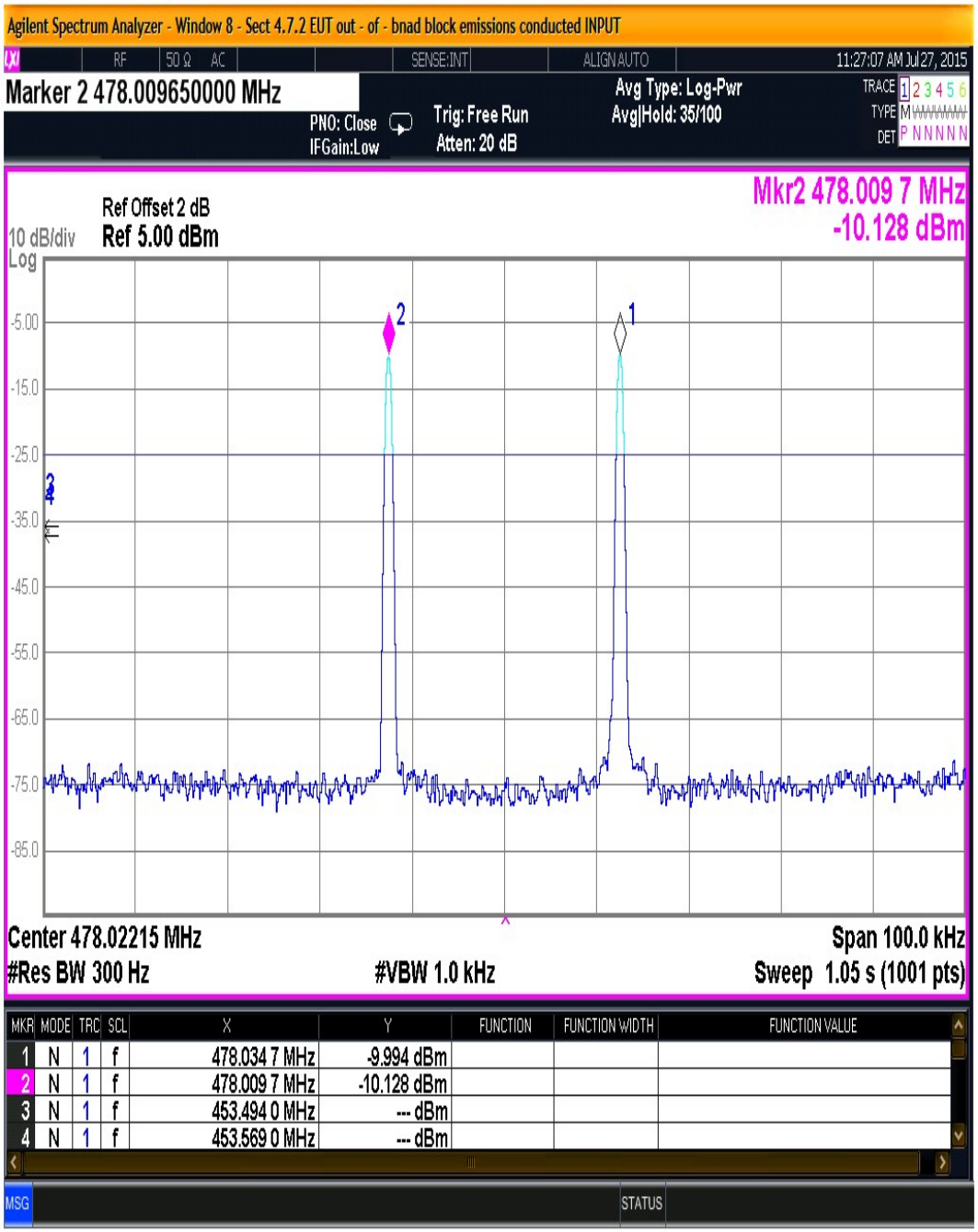

Figure 89. Window 8 - Sect 4.7.2 EUT out - of - band block emissions conducted INPUT

 © 2015 Washington Laboratories, Ltd.

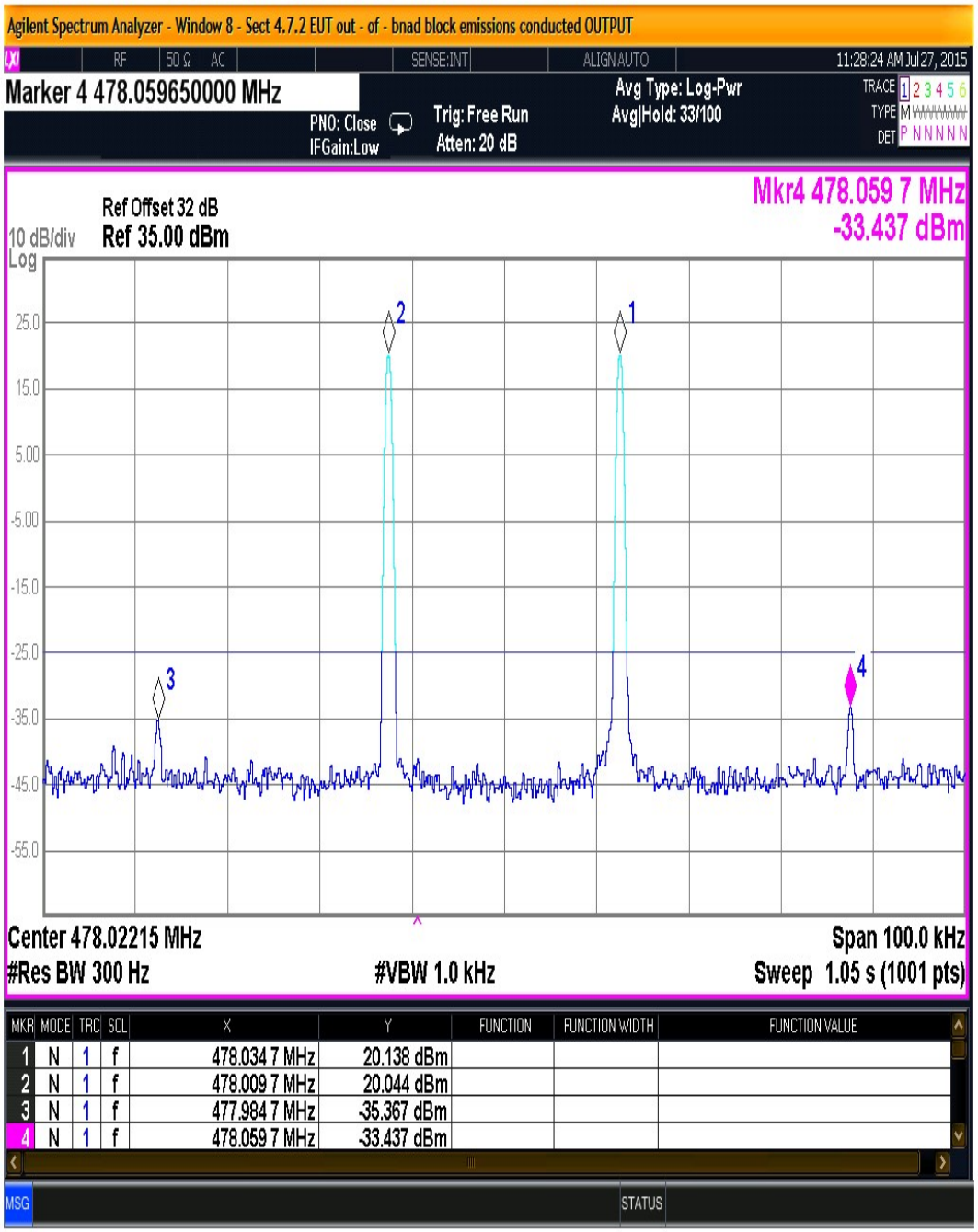

Figure 90. Window 8 - Sect 4.7.2 EUT out - of - band block emissions conducted OUTPUT

 © 2015 Washington Laboratories, Ltd.

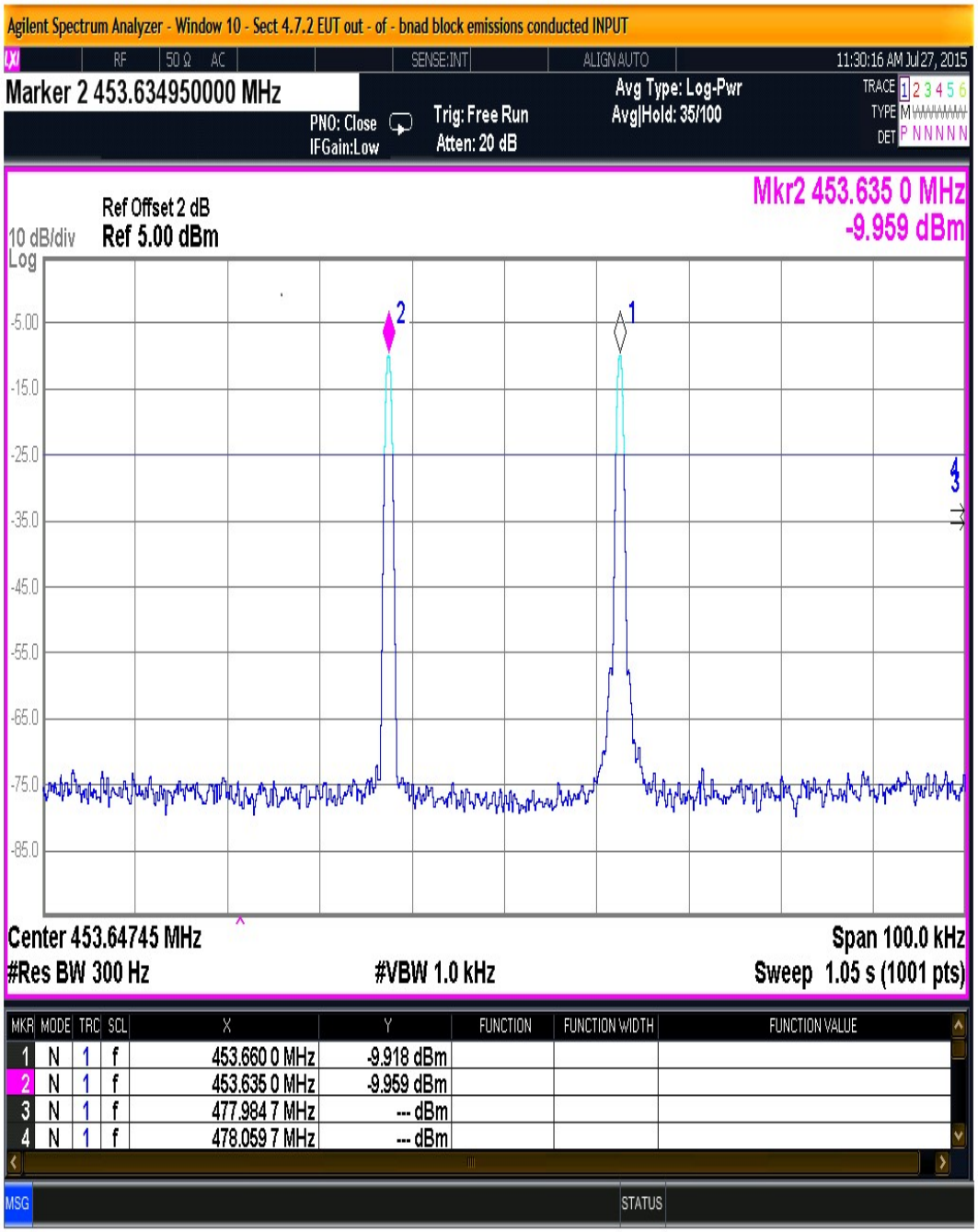

Figure 91. Window 10 - Sect 4.7.2 EUT out - of - bnad block emissions conducted INPUT

 © 2015 Washington Laboratories, Ltd.

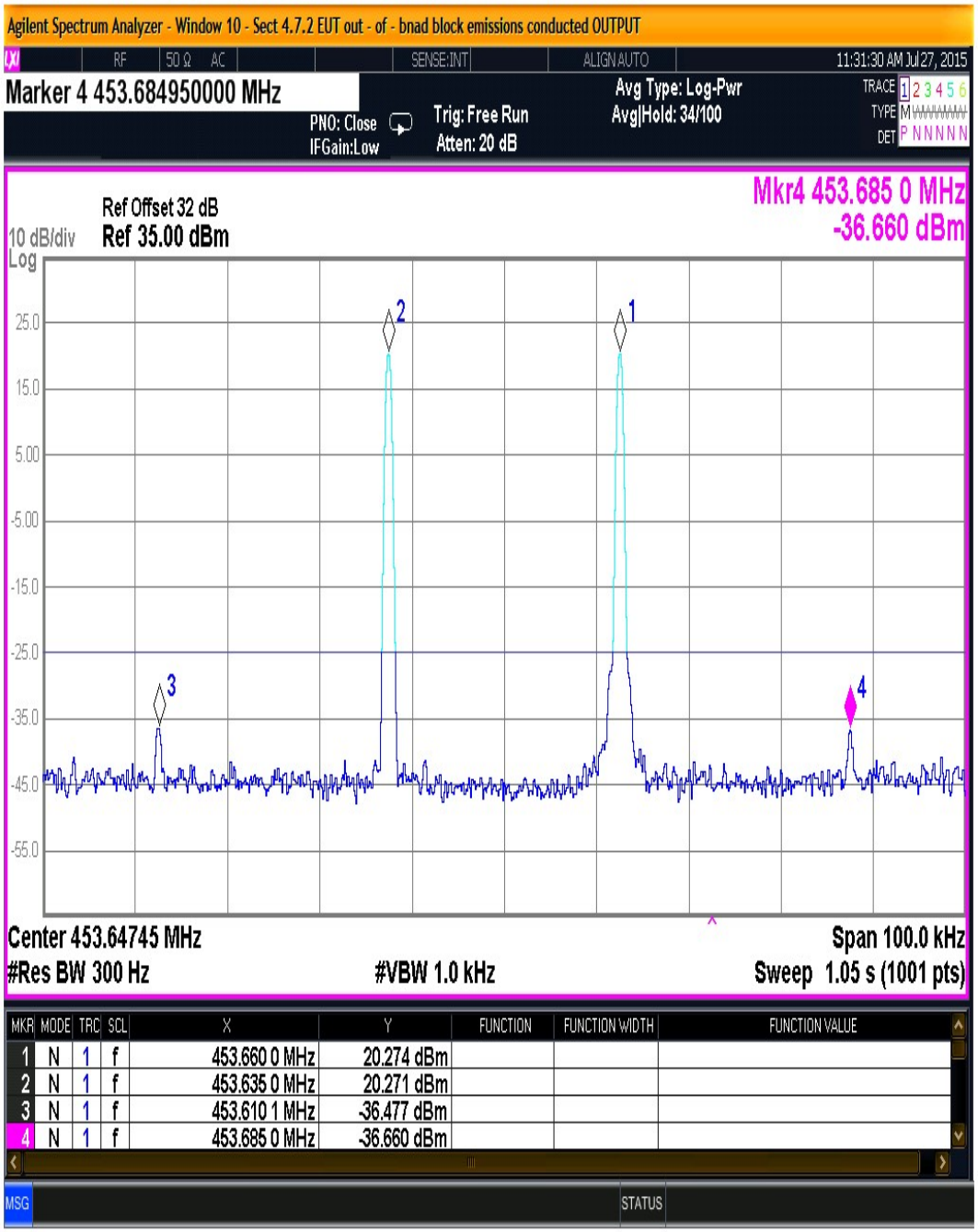

Figure 92. Window 10 - Sect 4.7.2 EUT out - of - bnad block emissions conducted OUTPUT

 © 2015 Washington Laboratories, Ltd.

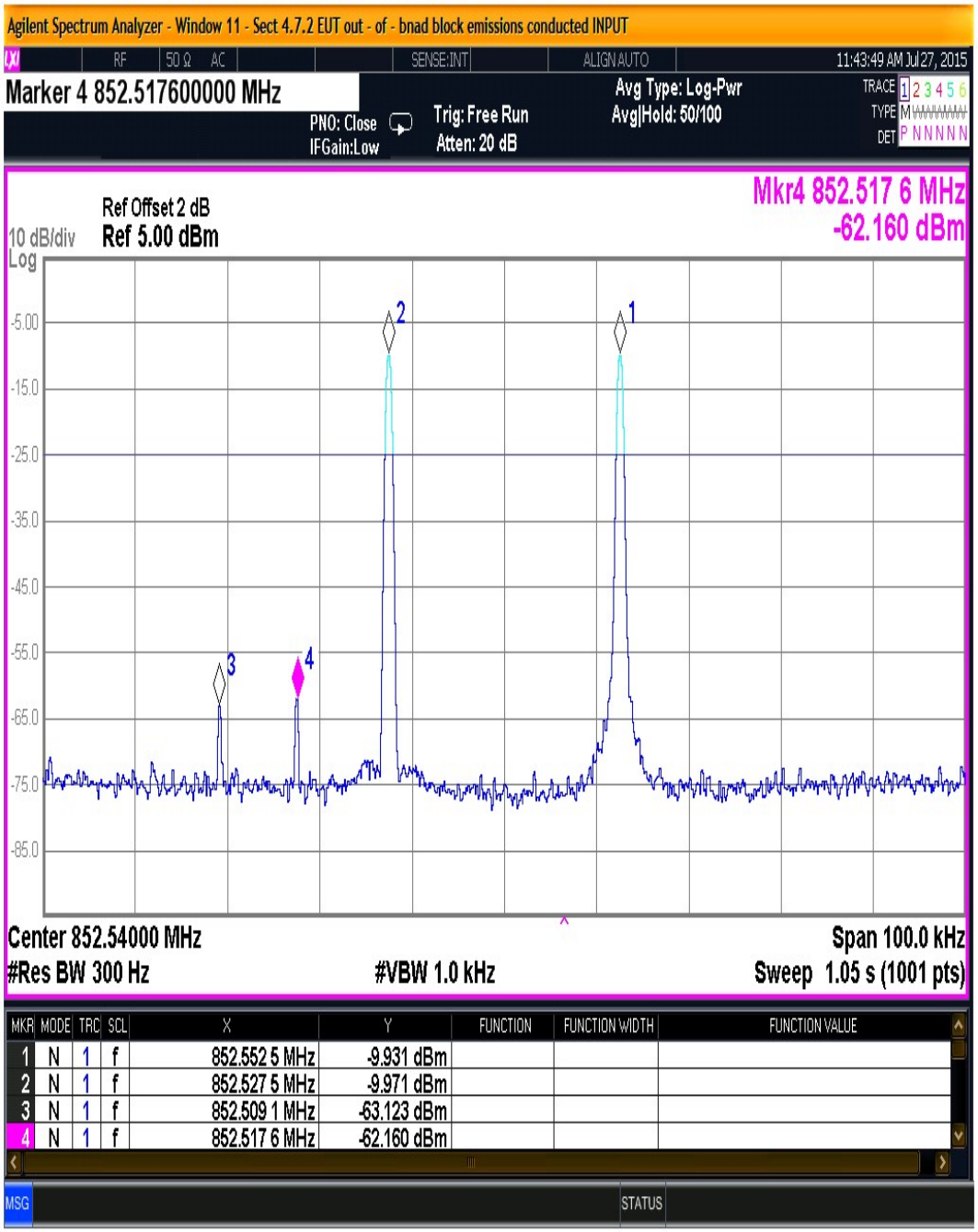

Figure 93. Window 11 - Sect 4.7.2 EUT out - of - bnad block emissions conducted INPUT

 © 2015 Washington Laboratories, Ltd.

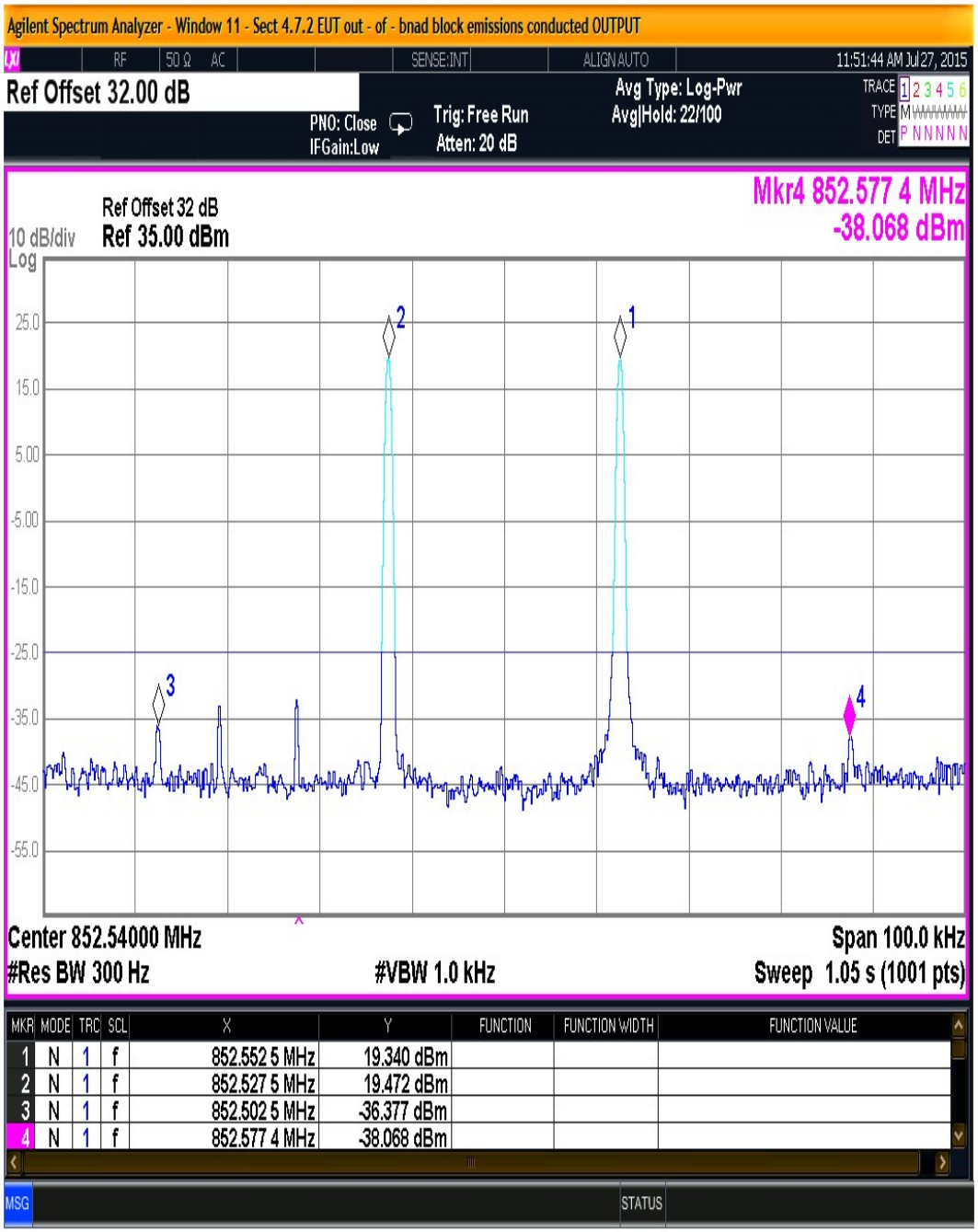

Figure 94. Window 11 - Sect 4.7.2 EUT out - of - band block emissions conducted OUTPUT

 © 2015 Washington Laboratories, Ltd.

4.6.2 KDB 935210 D05 Section 4.7.3 EUT spurious emissions conducted measurement

a) Connect a signal generator to the input of the EUT.
b) Configure the signal generator to produce a CW signal.
c) Set the frequency of the CW signal to the center channel of the pass band.
d) Set the output power level so that the resultant signal is just below the AGC threshold (see 4.2).
e) Connect a spectrum analyzer to the output of the EUT using appropriate attenuation as necessary.
f) Set the RBW to 100 kHz.
g) Set the VBW = 3 × RBW.
h) Set the Sweep time = auto-couple.
i) Set the detector to PEAK.
j) Set the analyzer start frequency to 30 MHz (or the lowest radio frequency signal generated in the equipment, without going below 9 kHz if the EUT has internal clock frequencies) and the stop frequency to 10 × the highest allowable frequency of the pass band.
k) Select MAX HOLD and use the marker peak function to find the highest emission(s) outside the pass band. (This could be either at a frequency lesser or greater than the pass band.)
l) Capture a plot for inclusion in the test report.
m) Repeat steps c) to l) for each authorized frequency band/block of operation.

4.6.2.1 Results

No out of band spurious emissions exceeded the limits in any band of operation. See Figure 95 through Figure 148 for the plots of the spurious emissions.

 © 2015 Washington Laboratories, Ltd.

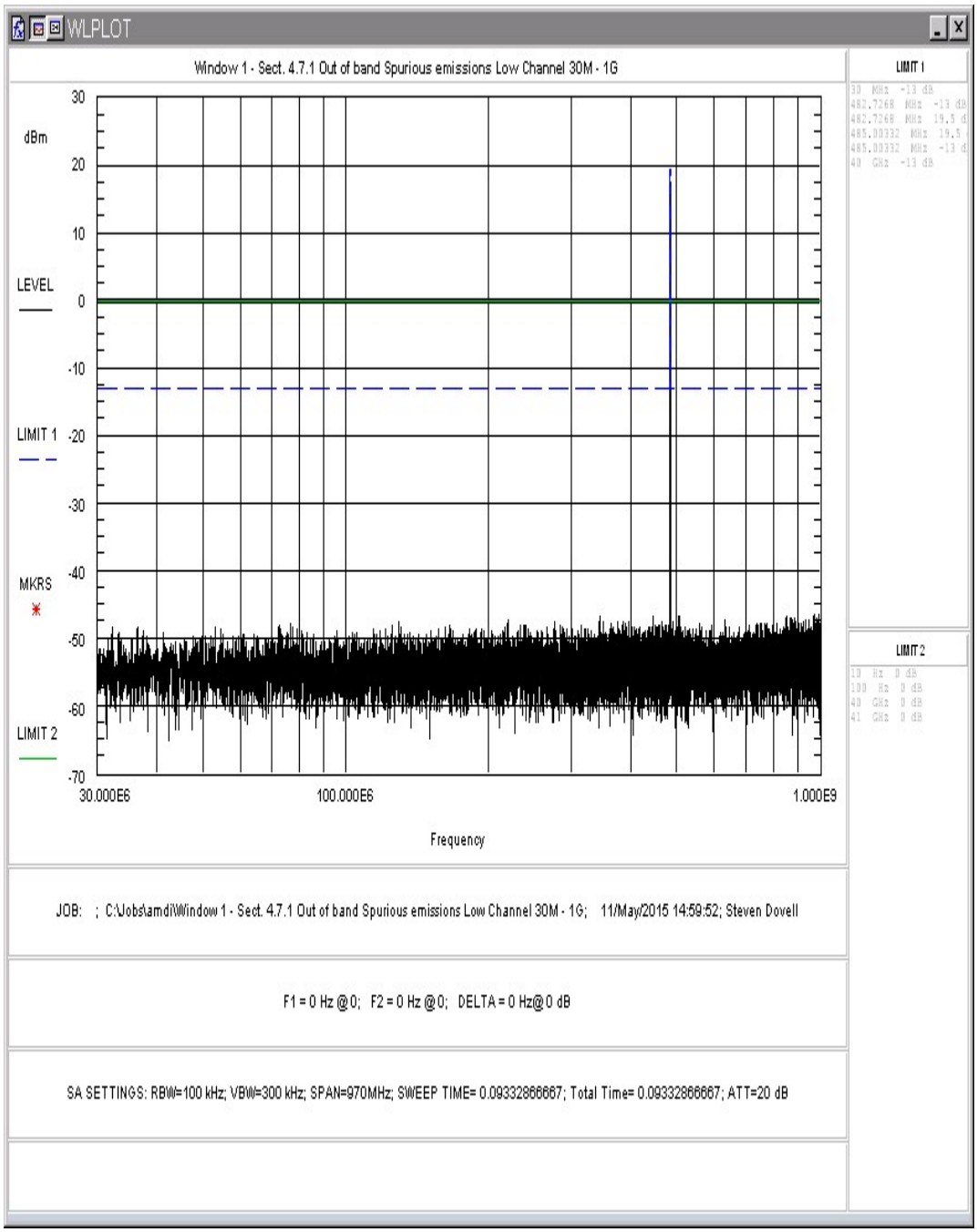

Figure 95. Window 1 - Sect. 4.7.1 Out of band Spurious emissions Low Channel 30M - 1G

 © 2015 Washington Laboratories, Ltd.

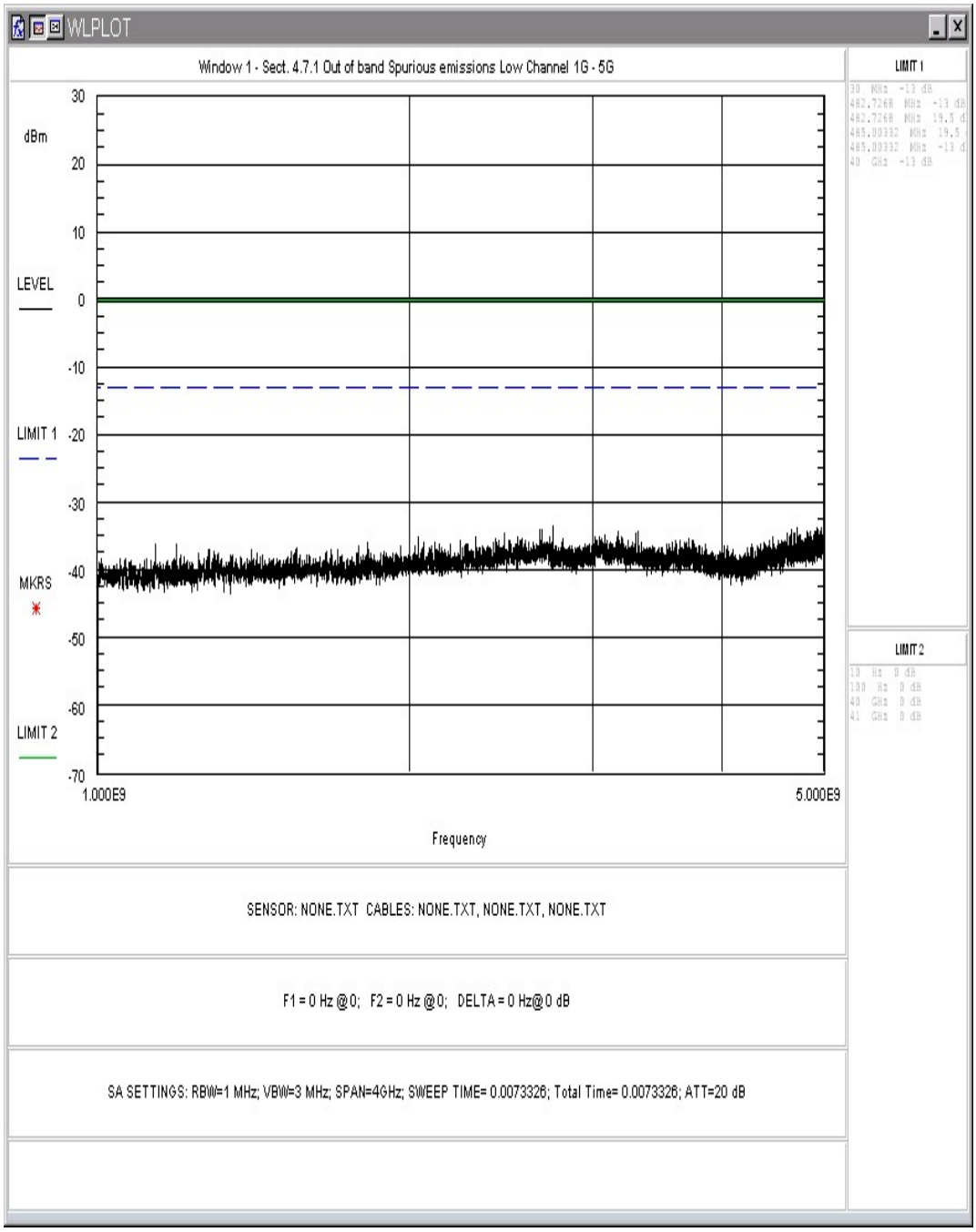

Figure 96. Window 1 - Sect. 4.7.1 Out of band Spurious emissions Low Channel 1G - 5G

 © 2015 Washington Laboratories, Ltd.

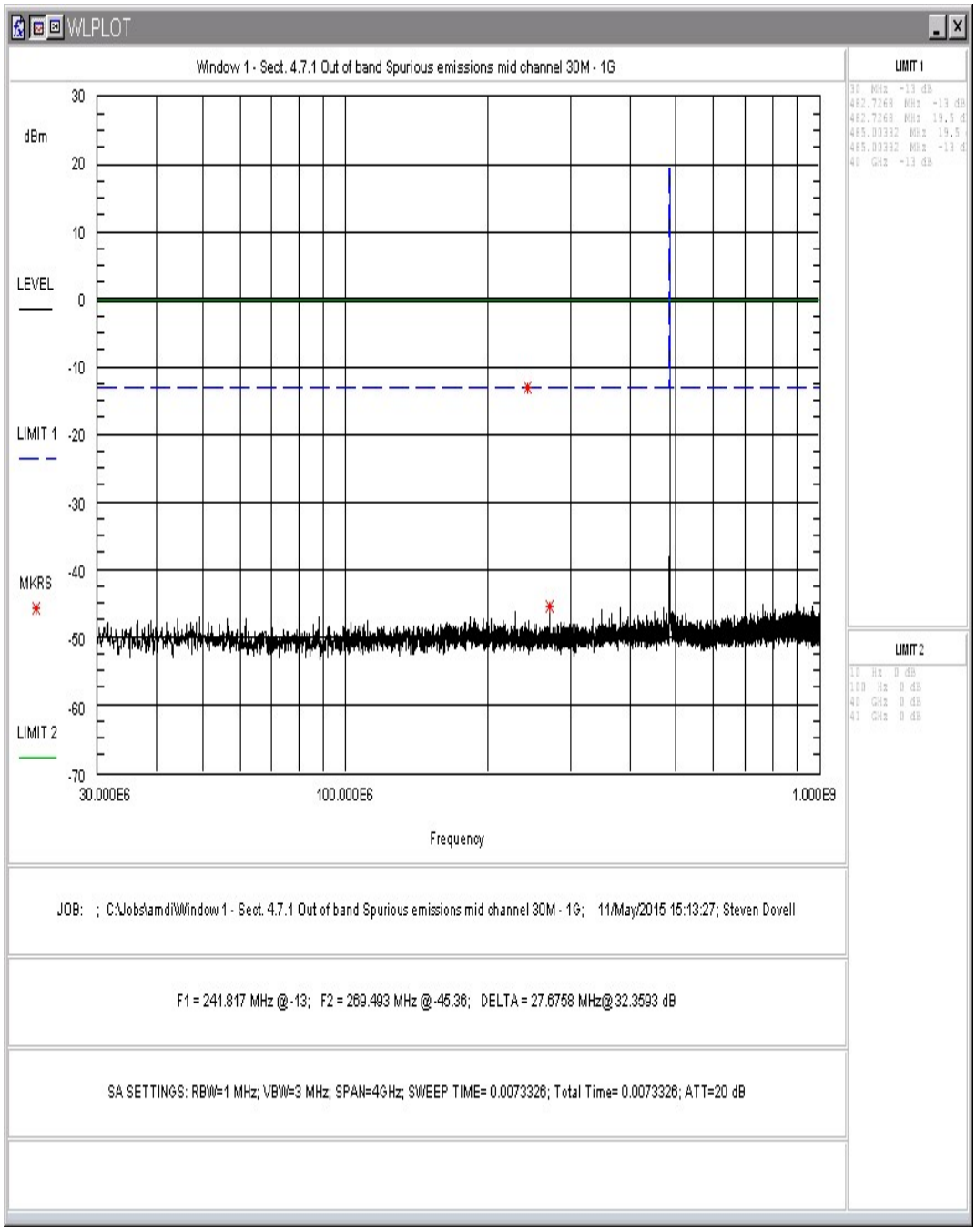

Figure 97. Window 1 - Sect. 4.7.1 Out of band Spurious emissions mid channel 30M - 1G

 © 2015 Washington Laboratories, Ltd.

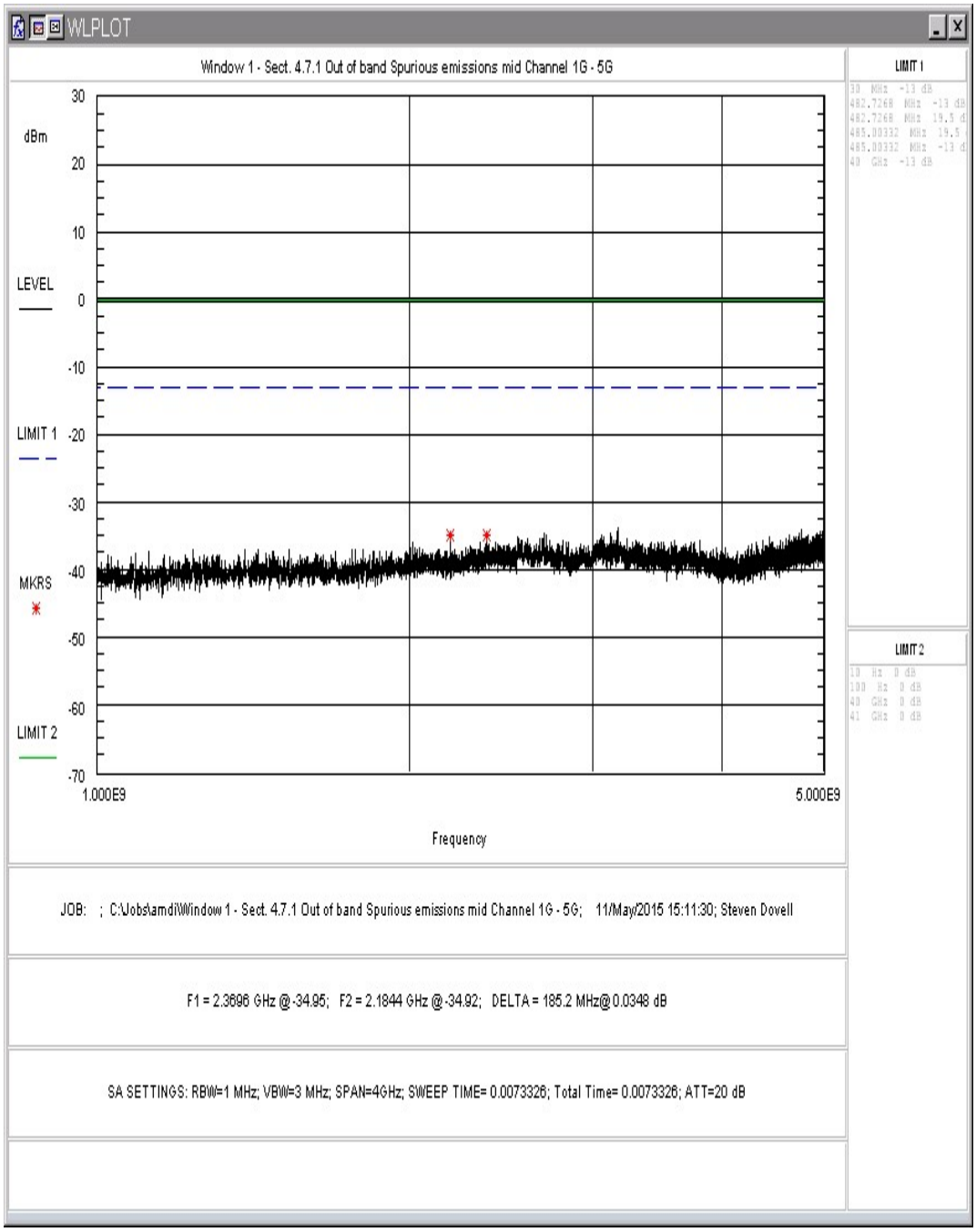

Figure 98. Window 1 - Sect. 4.7.1 Out of band Spurious emissions mid Channel 1G - 5G

 © 2015 Washington Laboratories, Ltd.

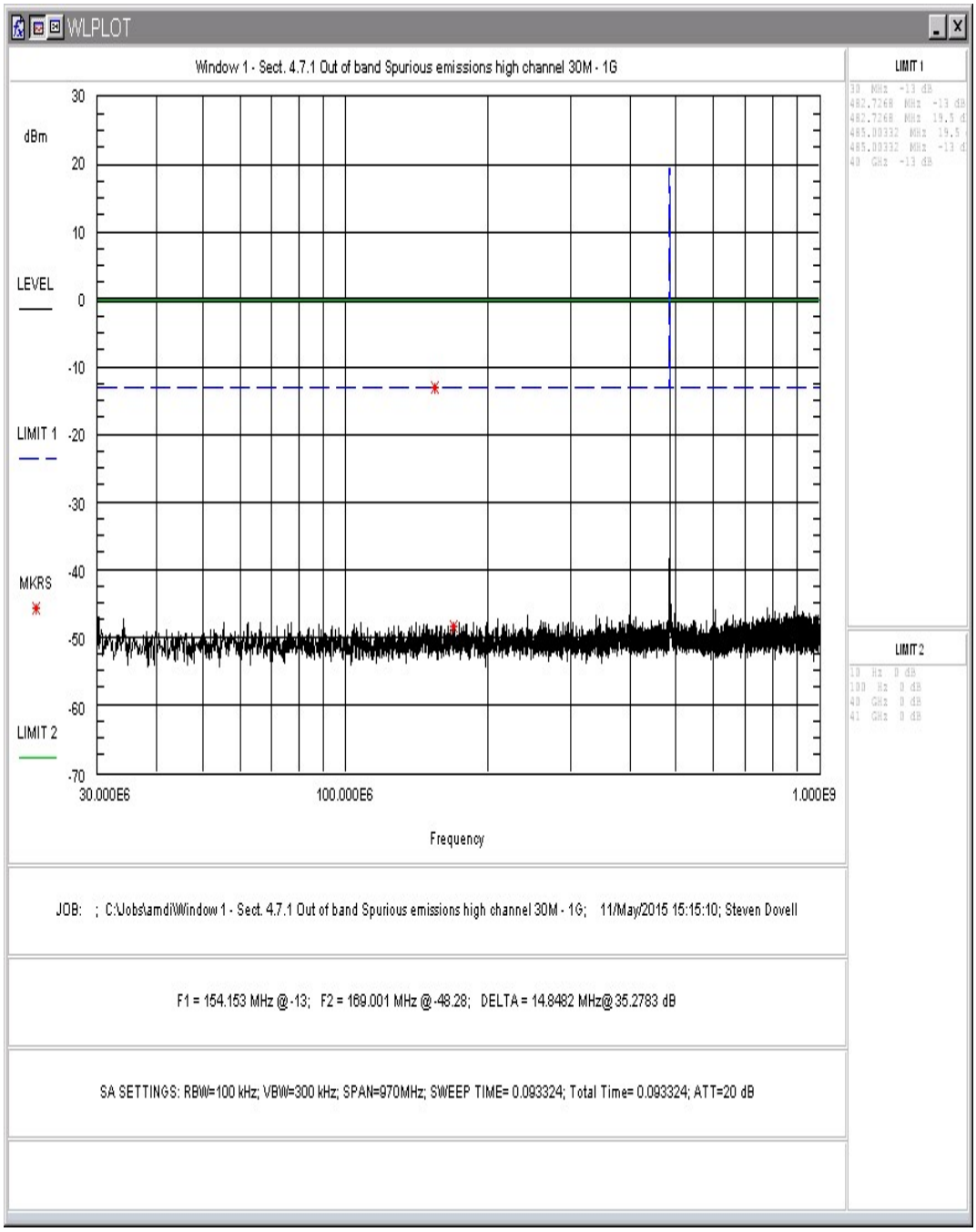

Figure 99. Window 1 - Sect. 4.7.1 Out of band Spurious emissions high channel 30M - 1G

 © 2015 Washington Laboratories, Ltd.

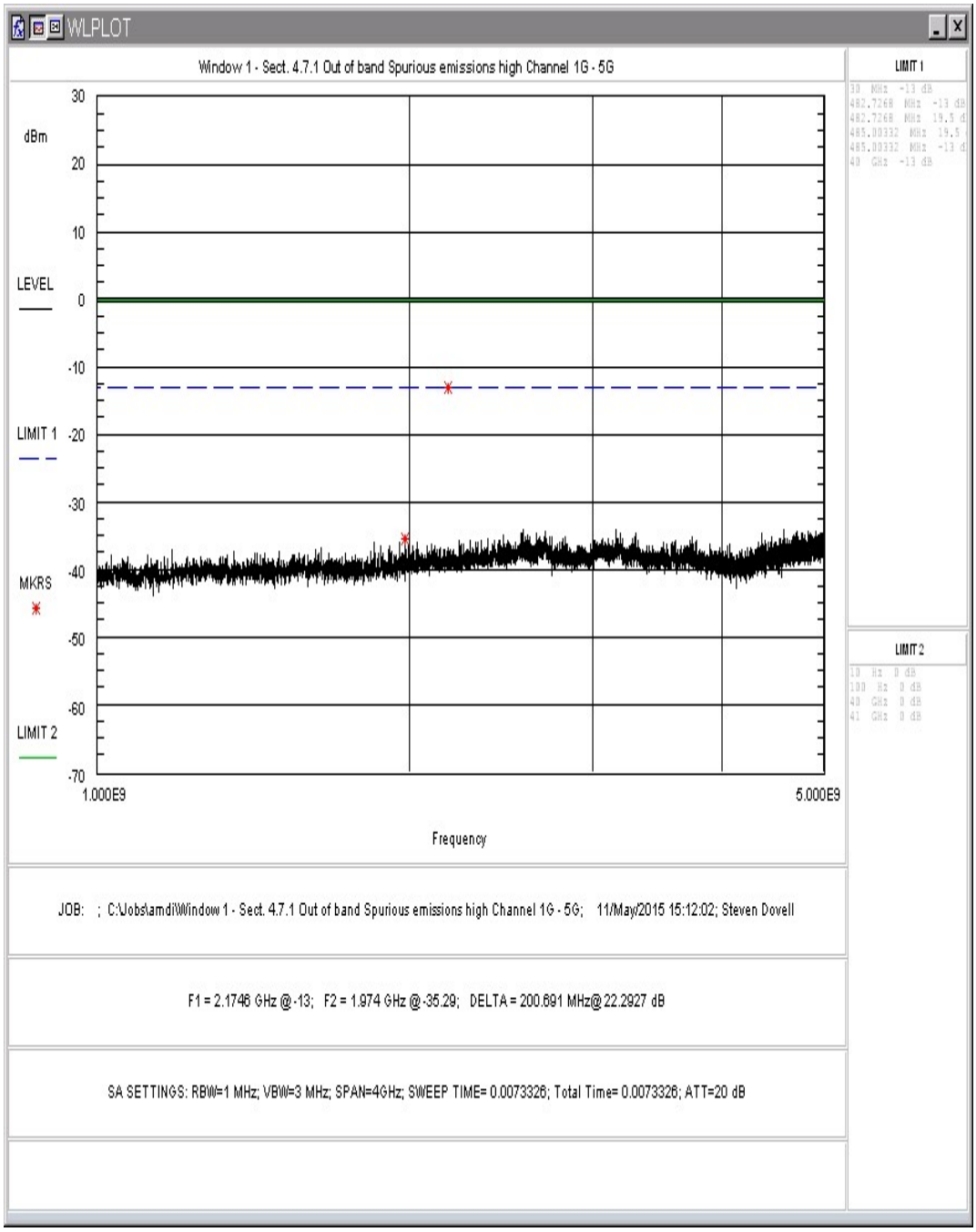

Figure 100. Window 1 - Sect. 4.7.1 Out of band Spurious emissions high Channel 1G - 5G

 © 2015 Washington Laboratories, Ltd.

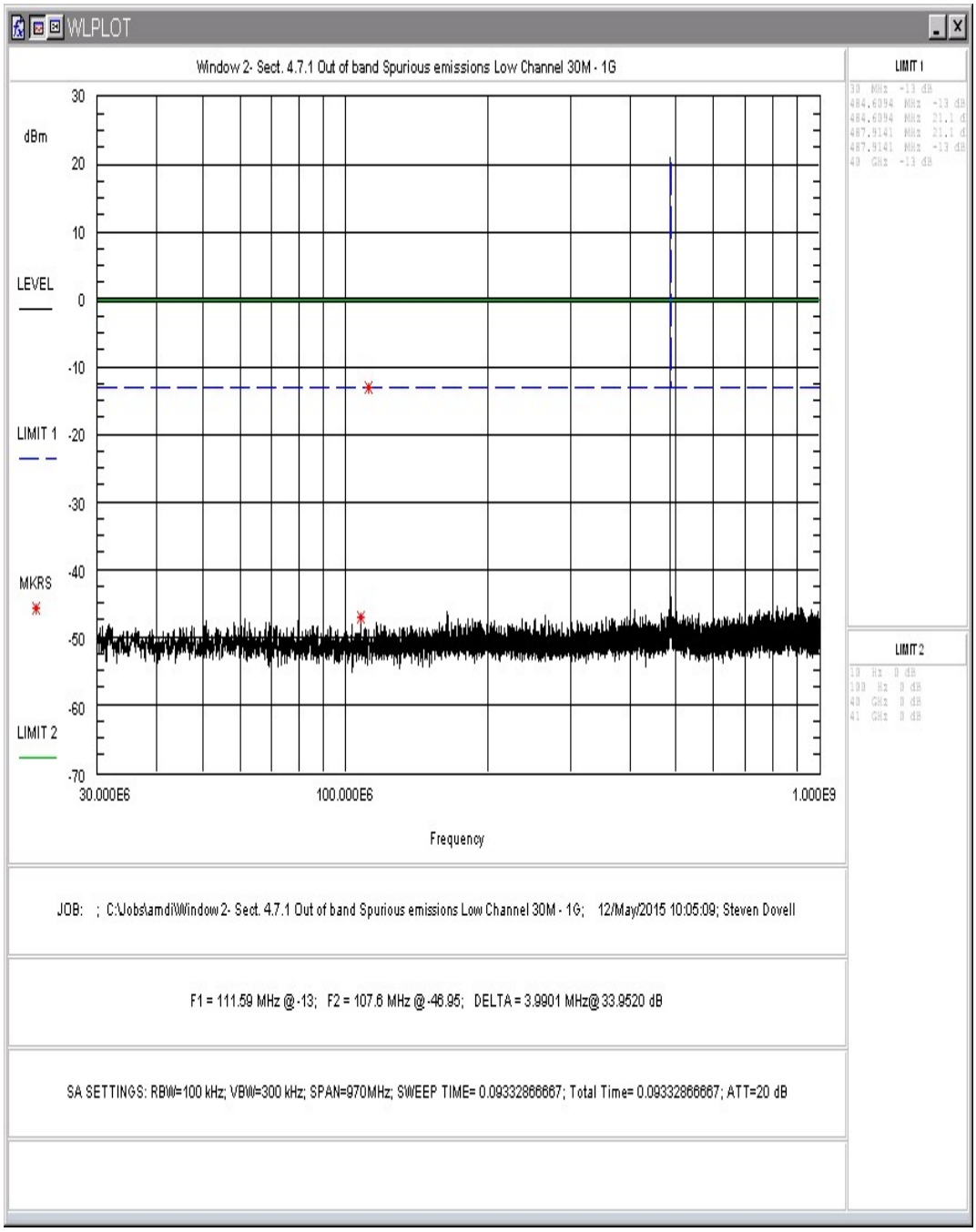

Figure 101. Window 2- Sect. 4.7.1 Out of band Spurious emissions Low Channel 30M - 1G

 © 2015 Washington Laboratories, Ltd.

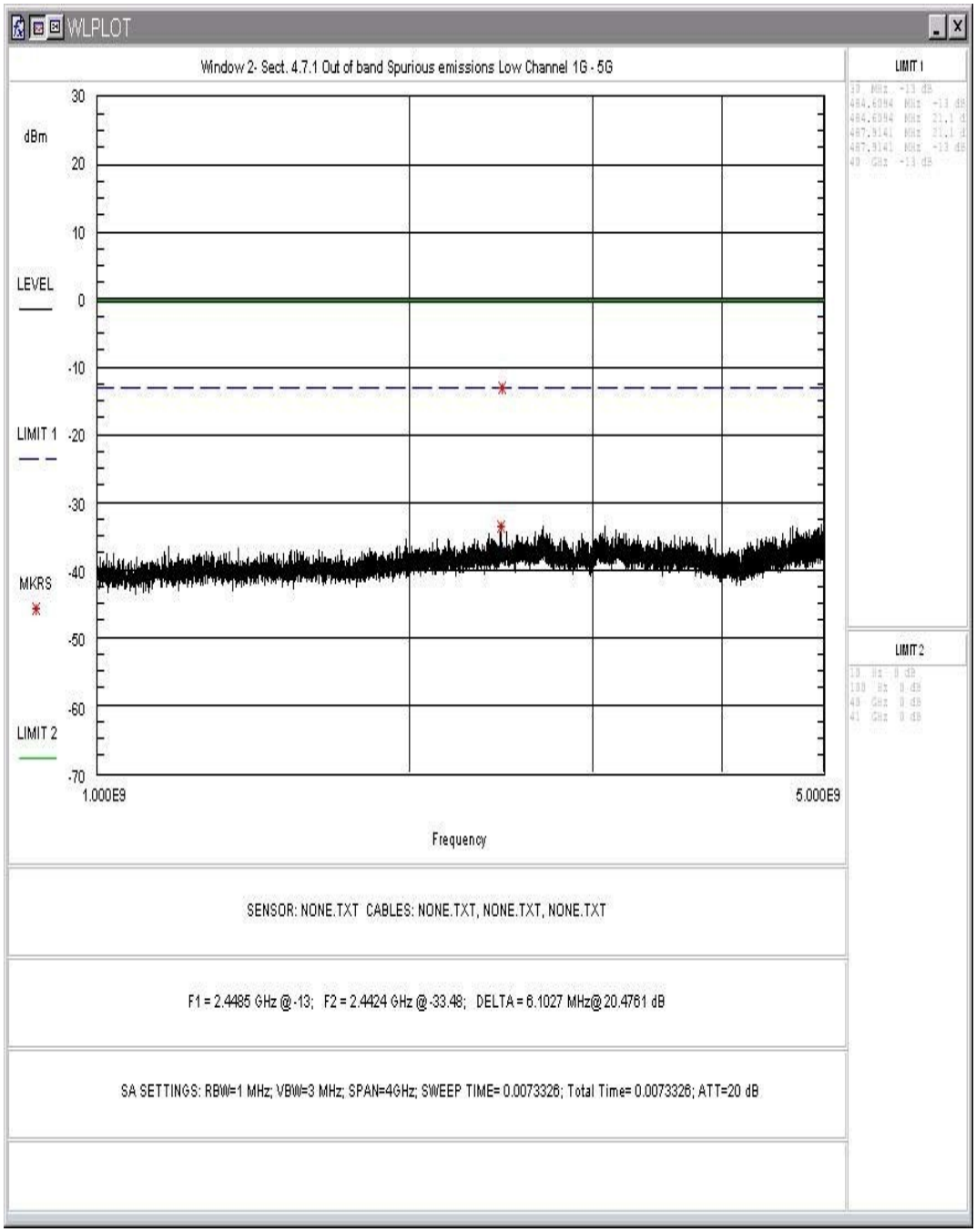

Figure 102. Window 2- Sect. 4.7.1 Out of band Spurious emissions Low Channel 1G - 5G

 © 2015 Washington Laboratories, Ltd.

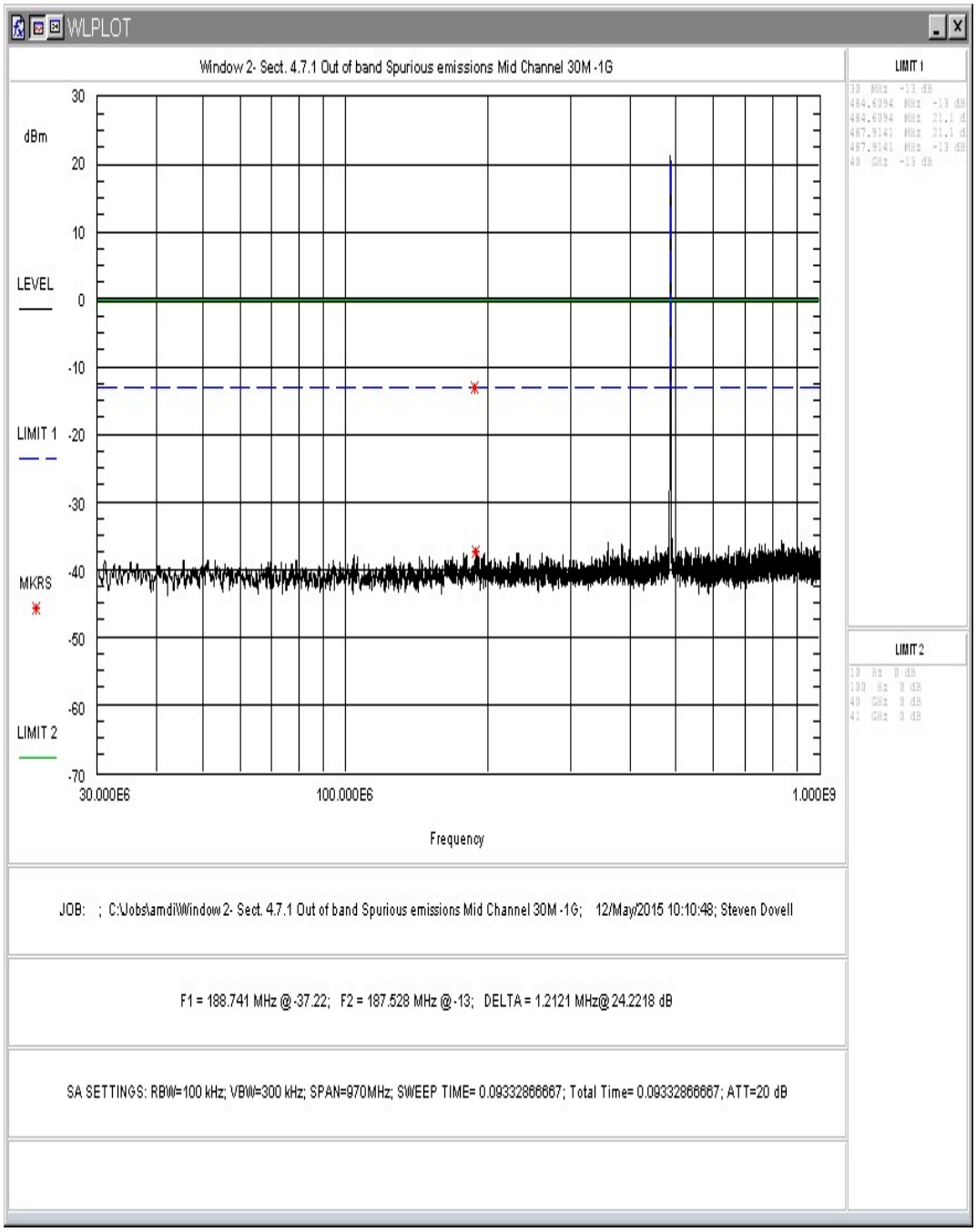

Figure 103. Window 2- Sect. 4.7.1 Out of band Spurious emissions Mid Channel 30M -1G

 © 2015 Washington Laboratories, Ltd.

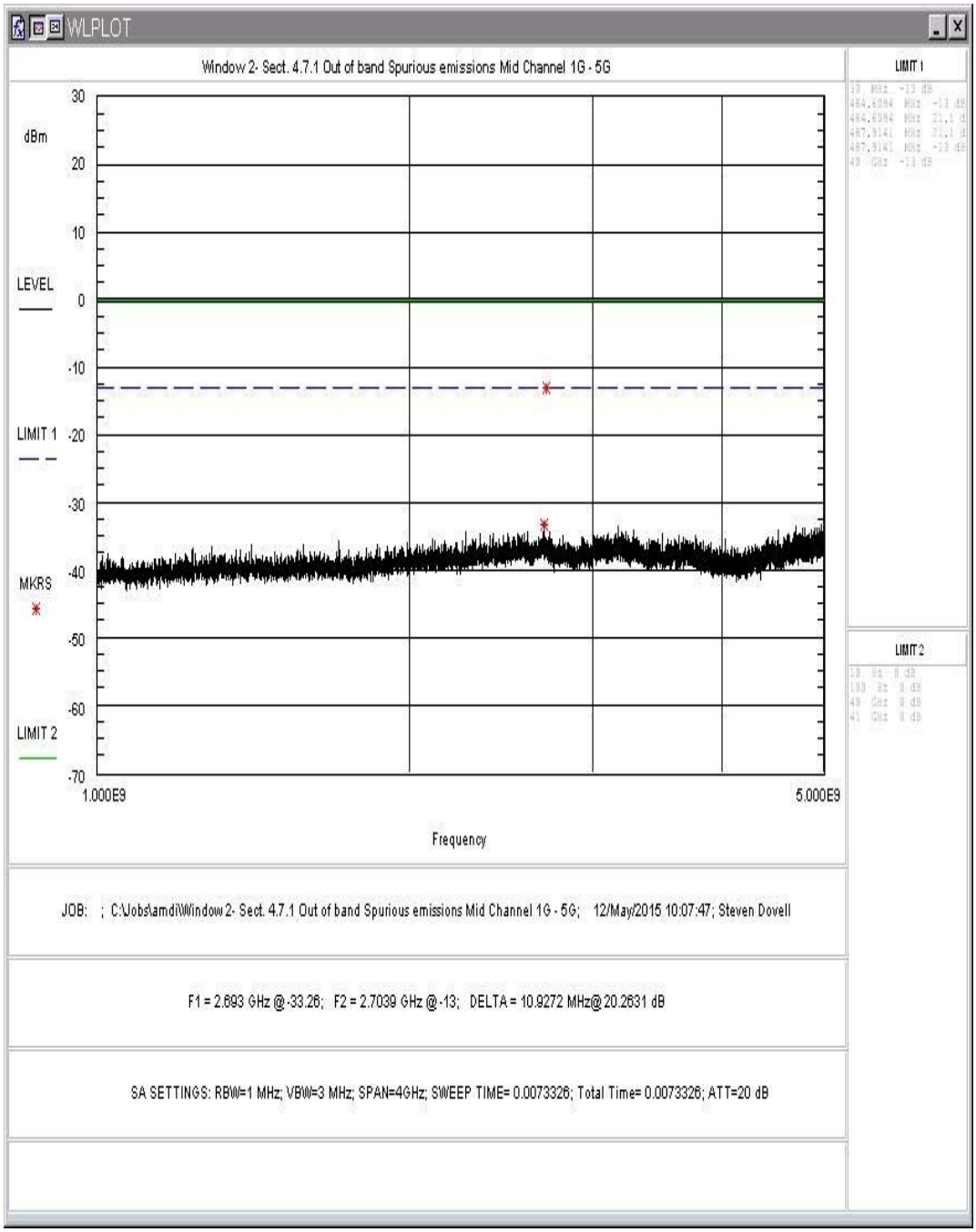

Figure 104. Window 2- Sect. 4.7.1 Out of band Spurious emissions Mid Channel 1G - 5G

 © 2015 Washington Laboratories, Ltd.

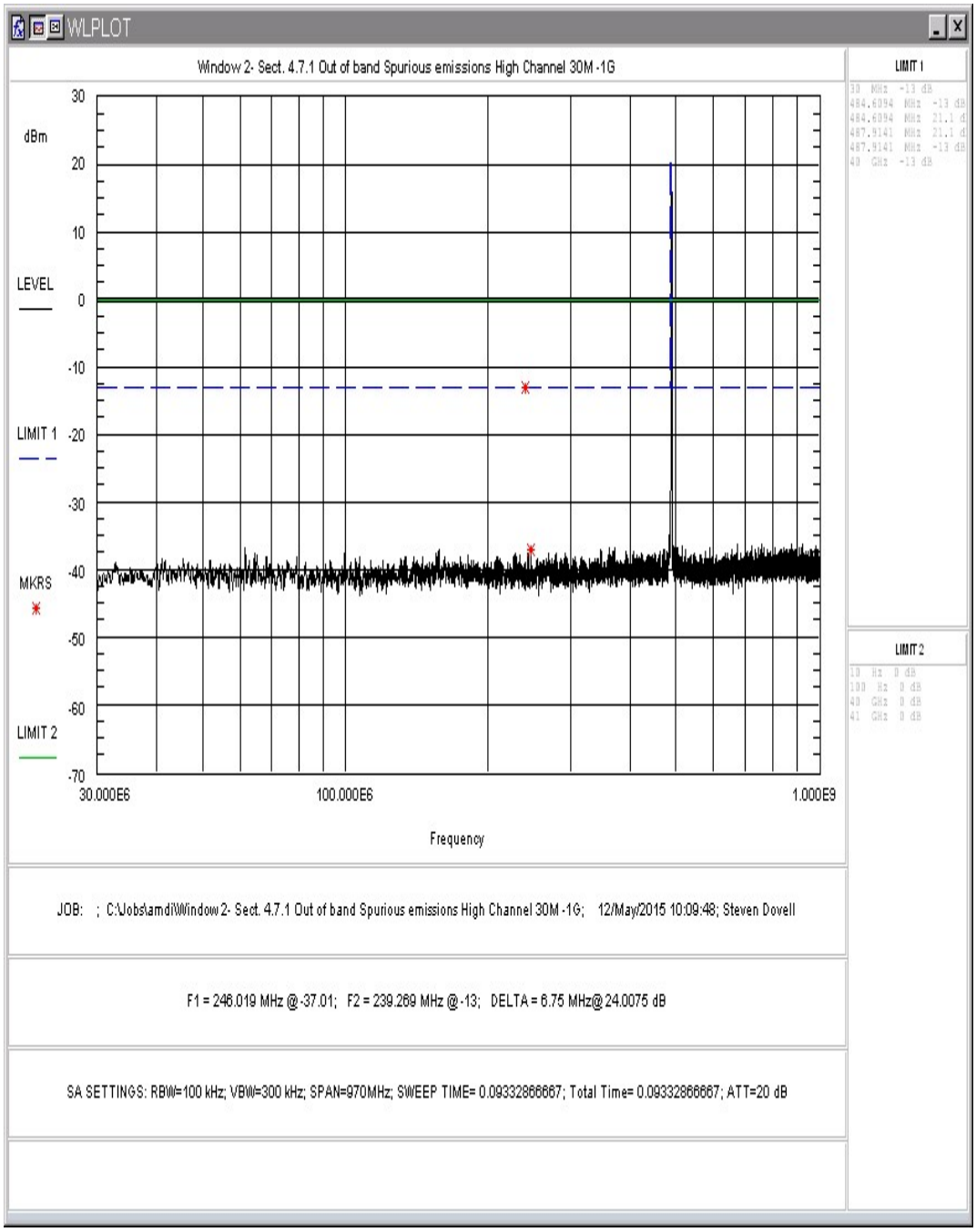

Figure 105. Window 2- Sect. 4.7.1 Out of band Spurious emissions High Channel 30M -1G

 © 2015 Washington Laboratories, Ltd.

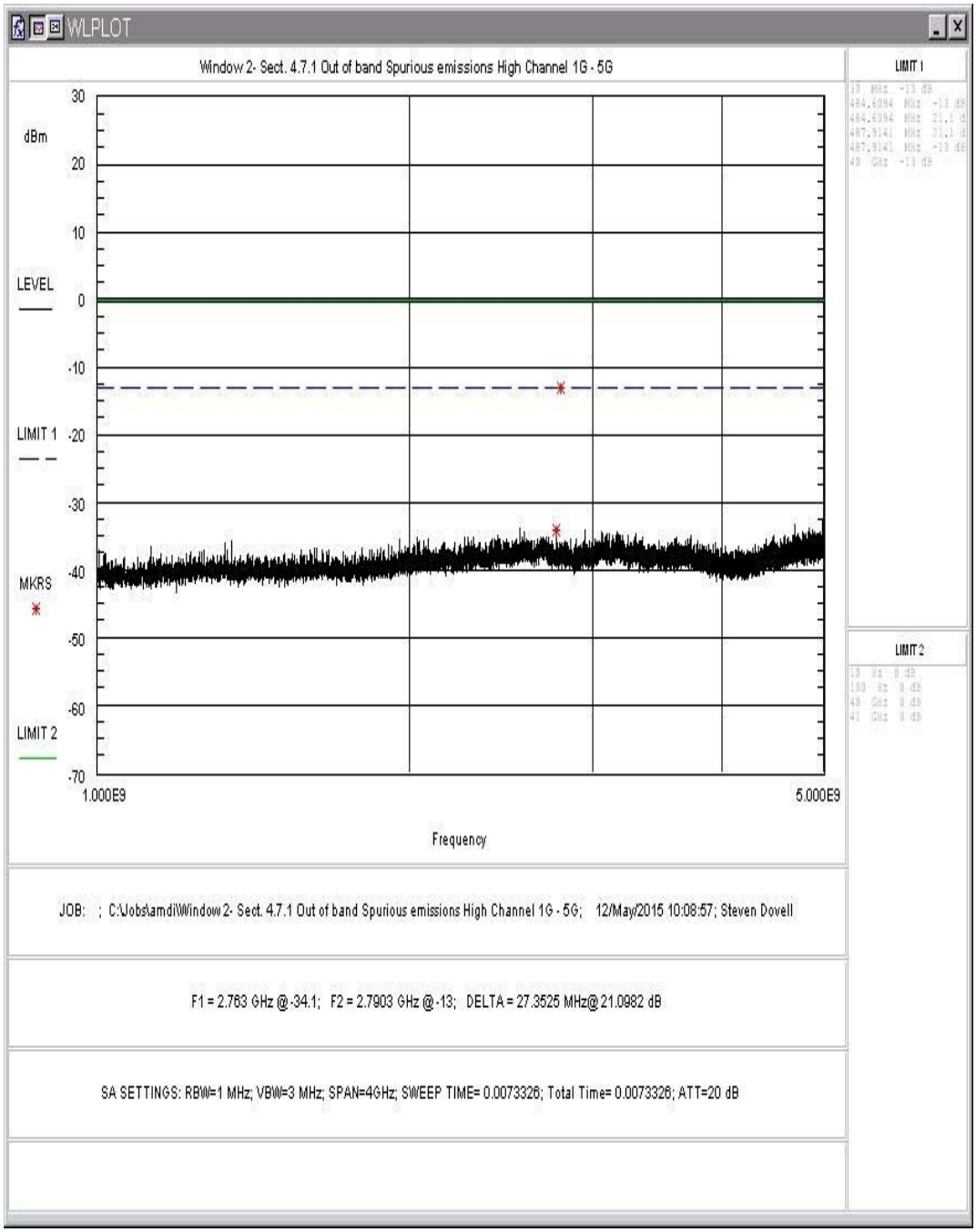

Figure 106. Window 2- Sect. 4.7.1 Out of band Spurious emissions High Channel 1G - 5G

 © 2015 Washington Laboratories, Ltd.

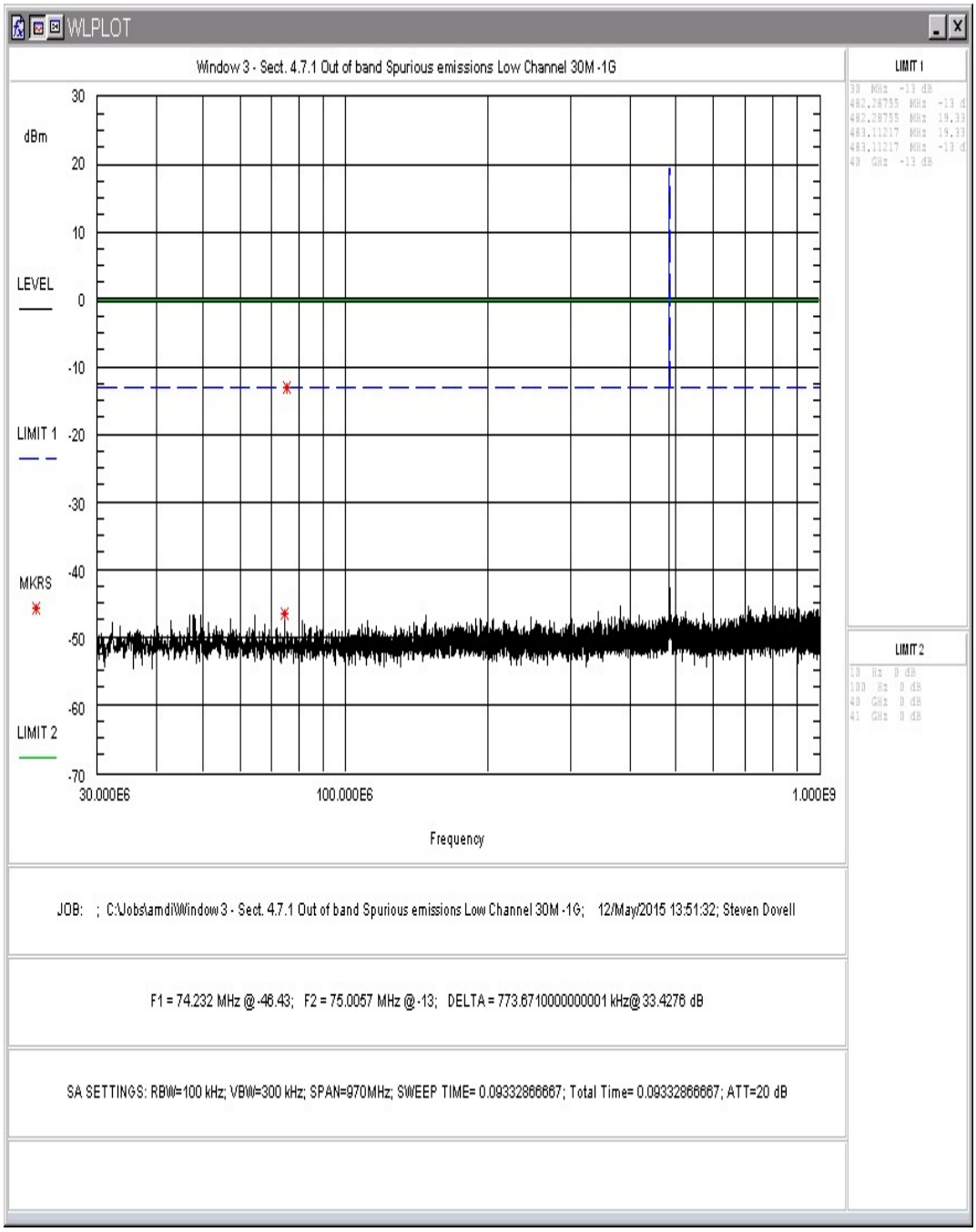

Figure 107. Window 3 - Sect. 4.7.1 Out of band Spurious emissions Low Channel 30M -1G

 © 2015 Washington Laboratories, Ltd.

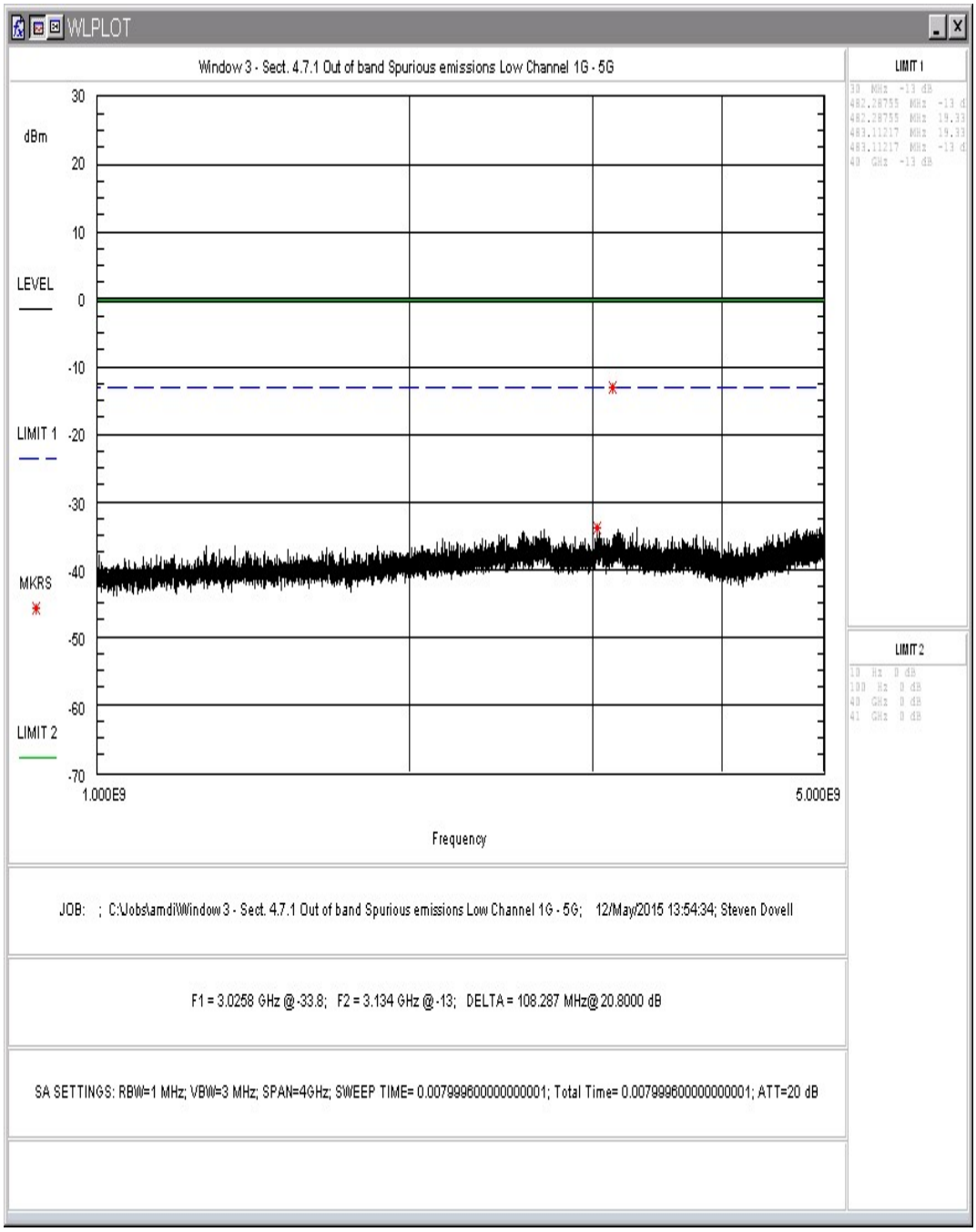

Figure 108. Window 3 - Sect. 4.7.1 Out of band Spurious emissions Low Channel 1G - 5G

 © 2015 Washington Laboratories, Ltd.

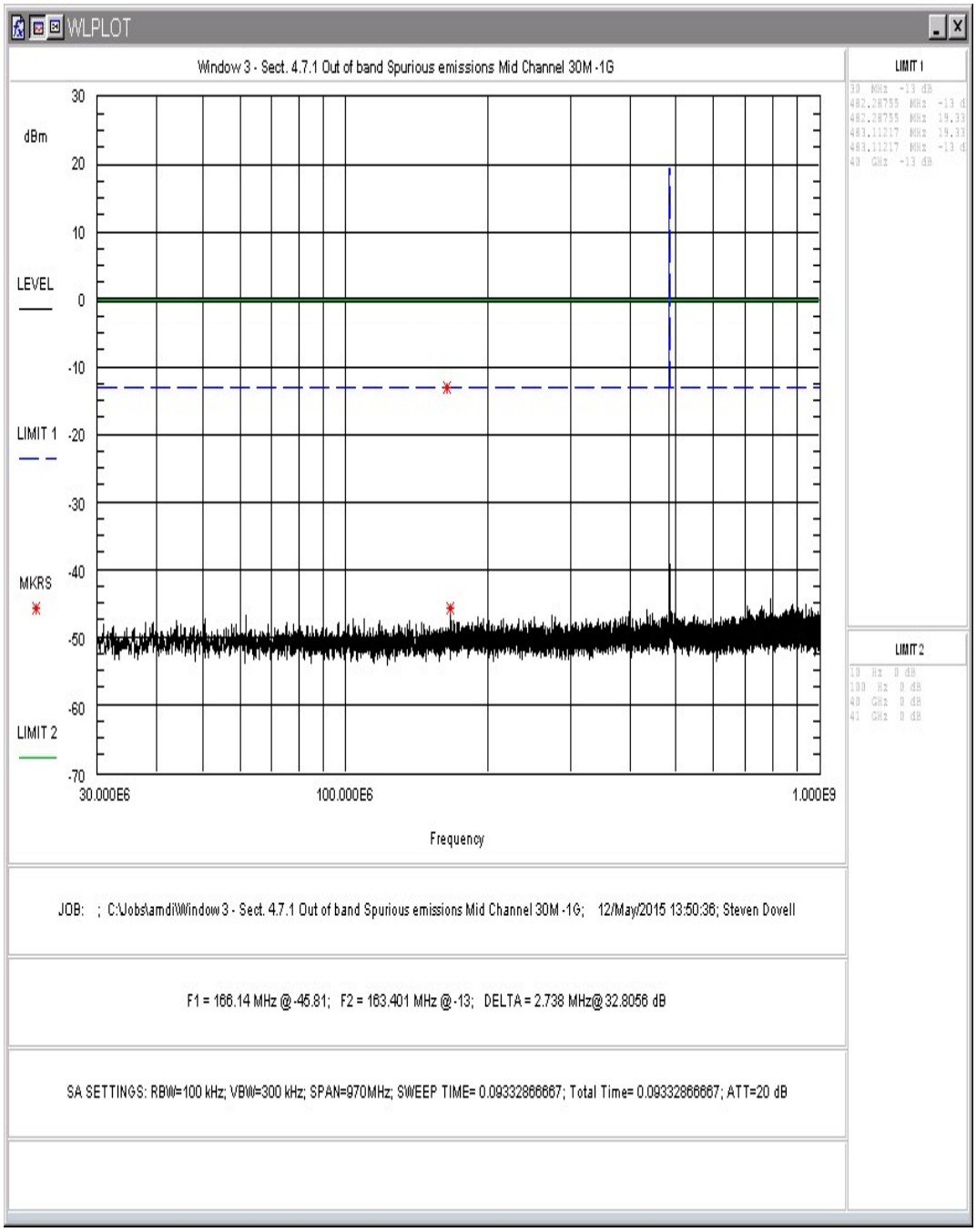

Figure 109. Window 3 - Sect. 4.7.1 Out of band Spurious emissions Mid Channel 30M -1G

 © 2015 Washington Laboratories, Ltd.

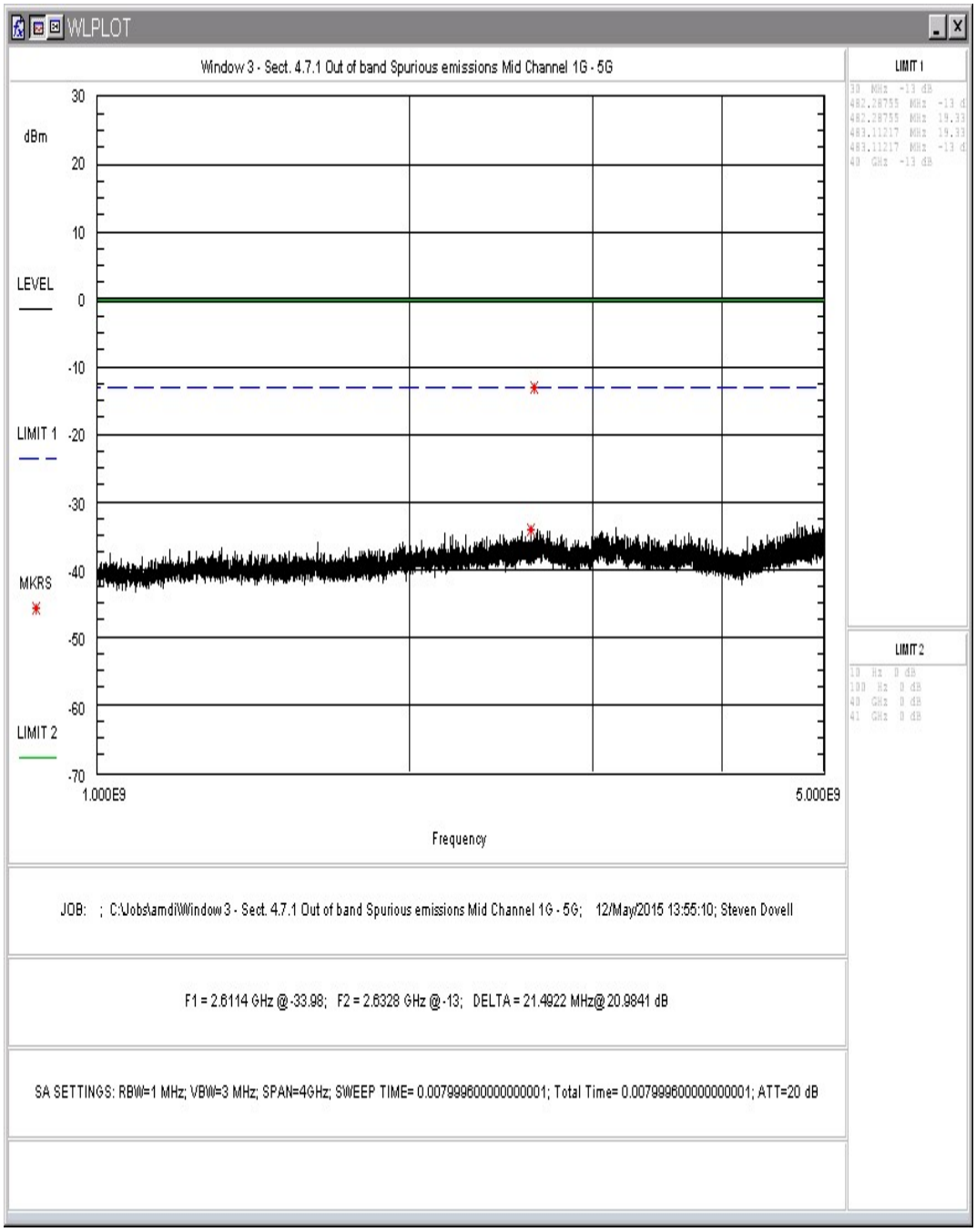

Figure 110. Window 3 - Sect. 4.7.1 Out of band Spurious emissions Mid Channel 1G - 5G

 © 2015 Washington Laboratories, Ltd.

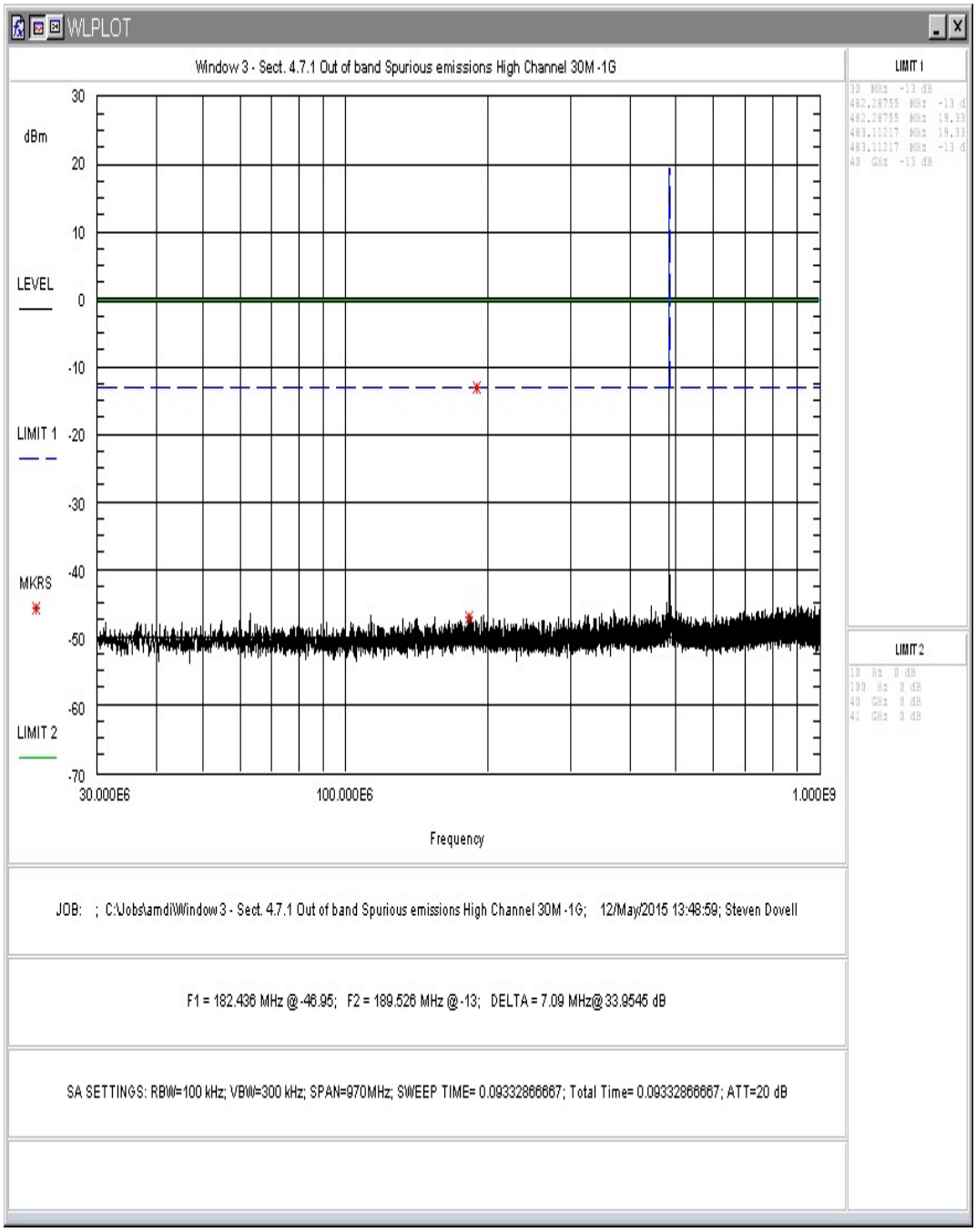

Figure 111. Window 3 - Sect. 4.7.1 Out of band Spurious emissions High Channel 30M -1G

 © 2015 Washington Laboratories, Ltd.

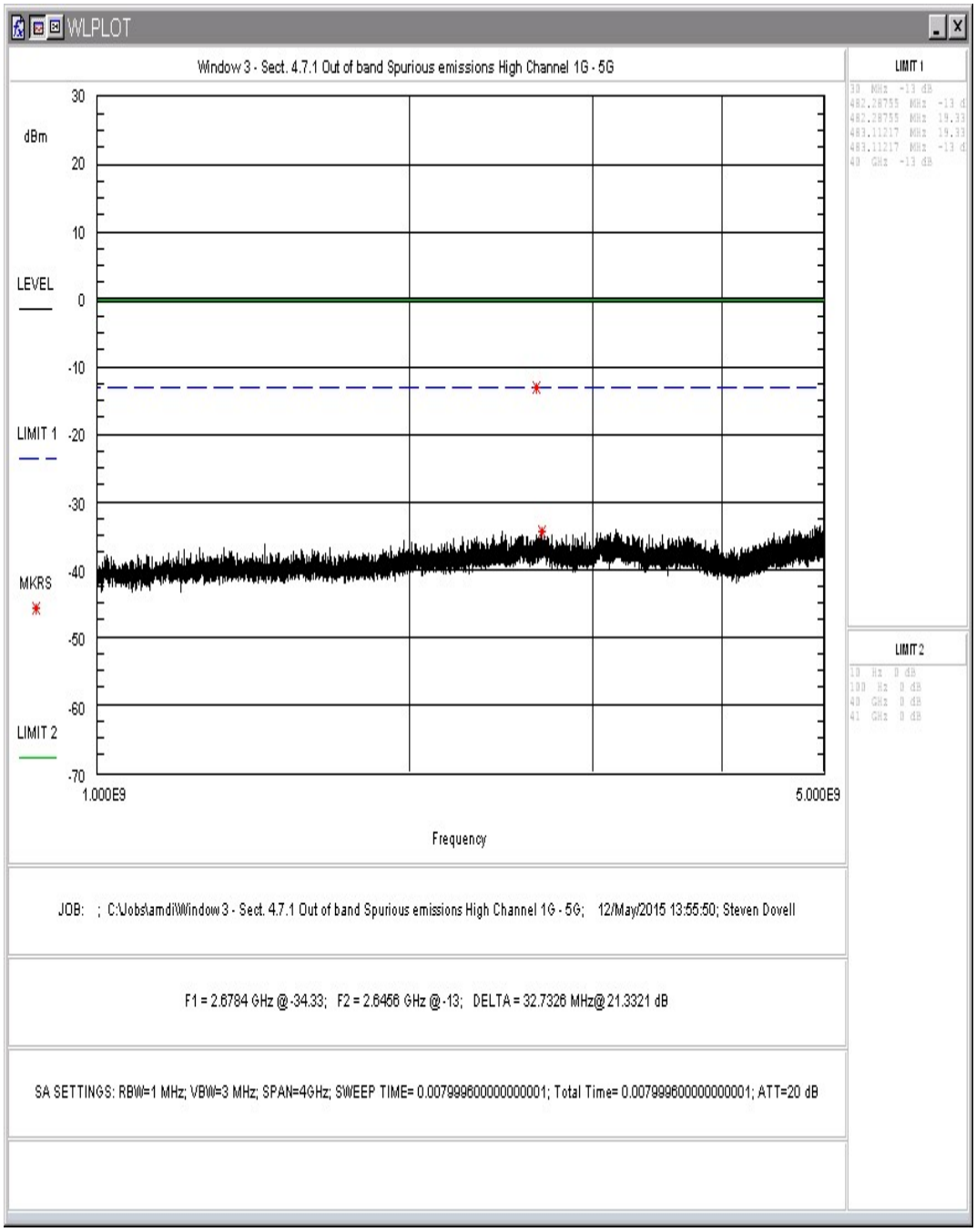

Figure 112. Window 3 - Sect. 4.7.1 Out of band Spurious emissions High Channel 1G - 5G

 © 2015 Washington Laboratories, Ltd.

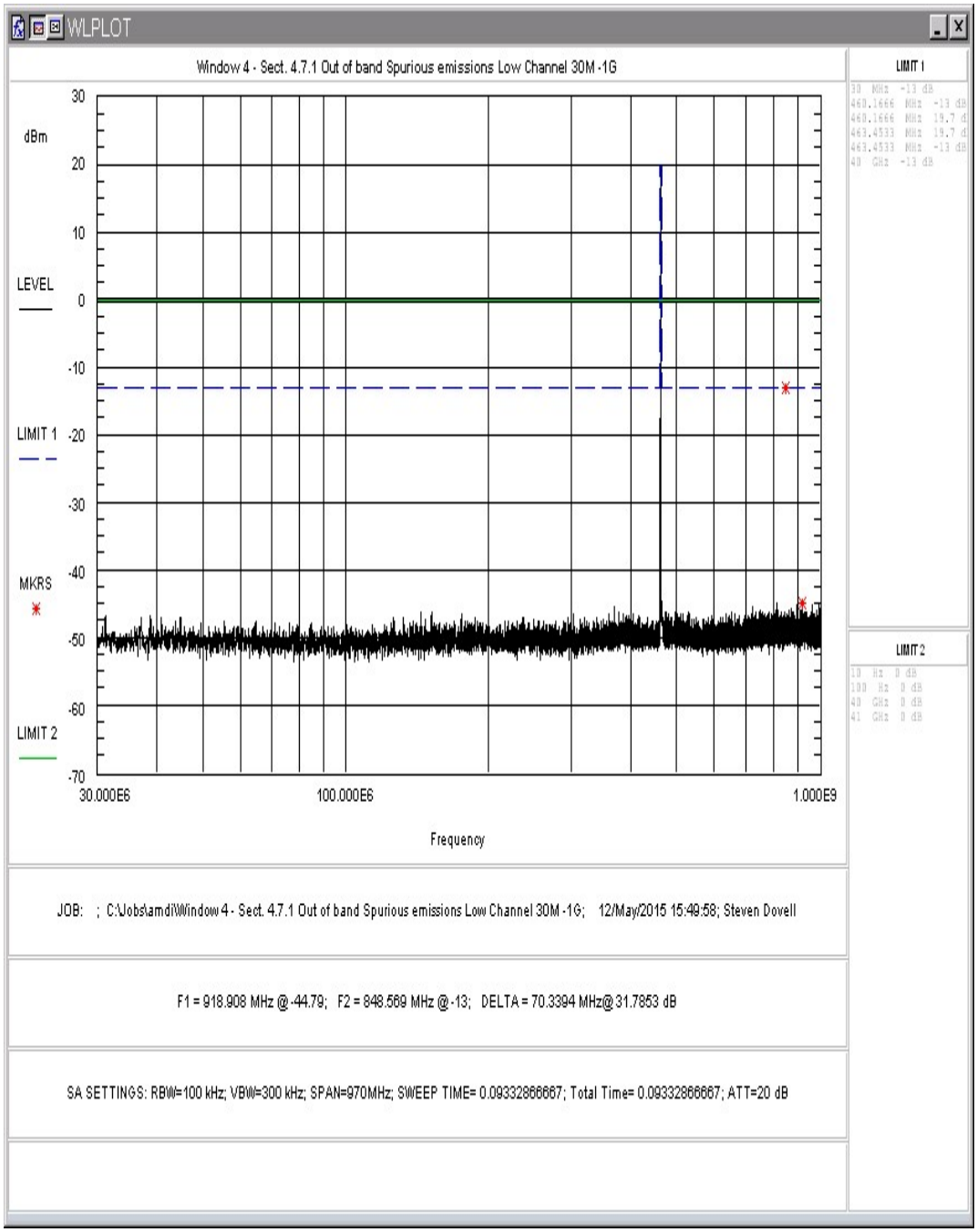

Figure 113. Window 4 - Sect. 4.7.1 Out of band Spurious emissions Low Channel 30M -1G

 © 2015 Washington Laboratories, Ltd.

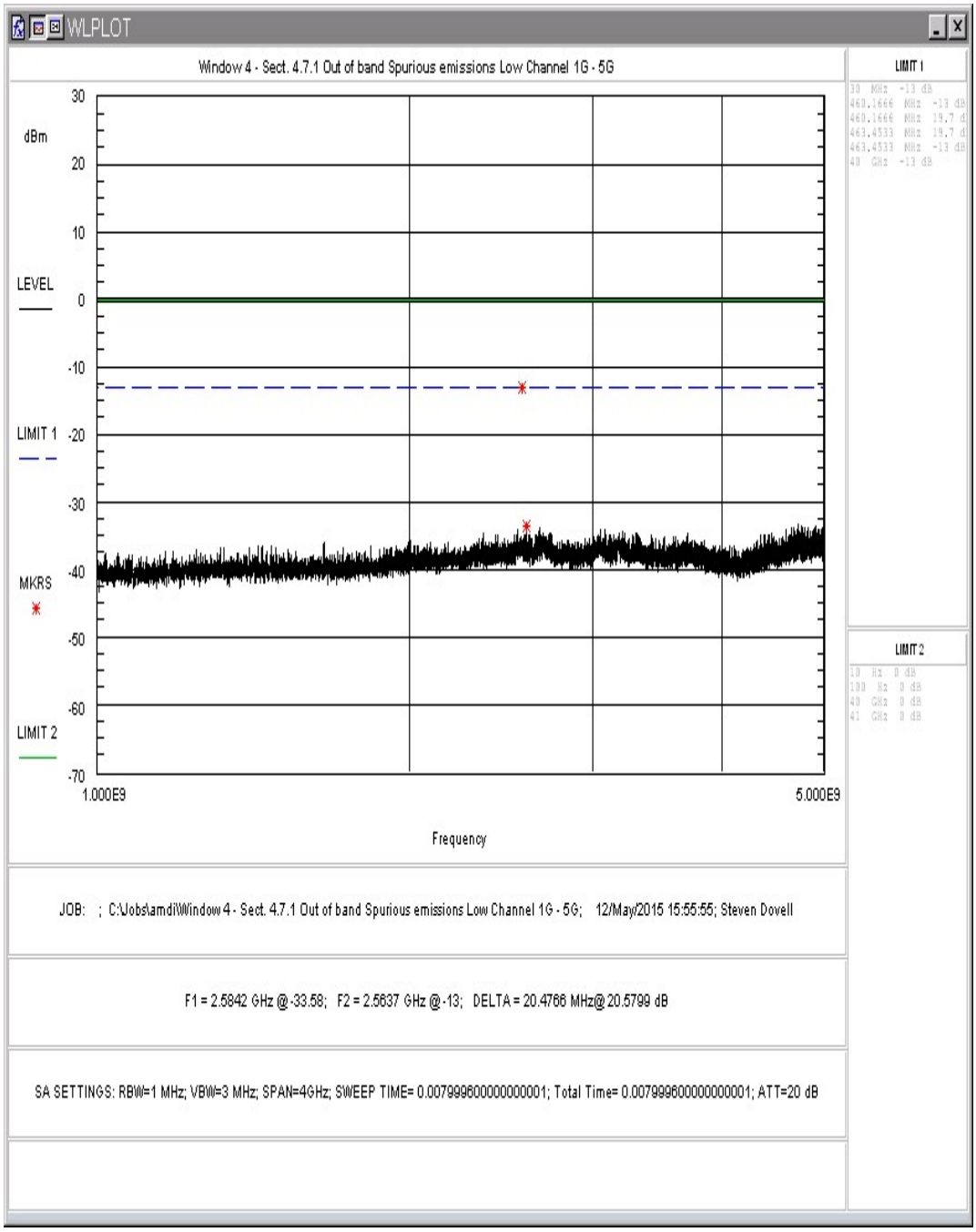

Figure 114. Window 4 - Sect. 4.7.1 Out of band Spurious emissions Low Channel 1G - 5G

 © 2015 Washington Laboratories, Ltd.

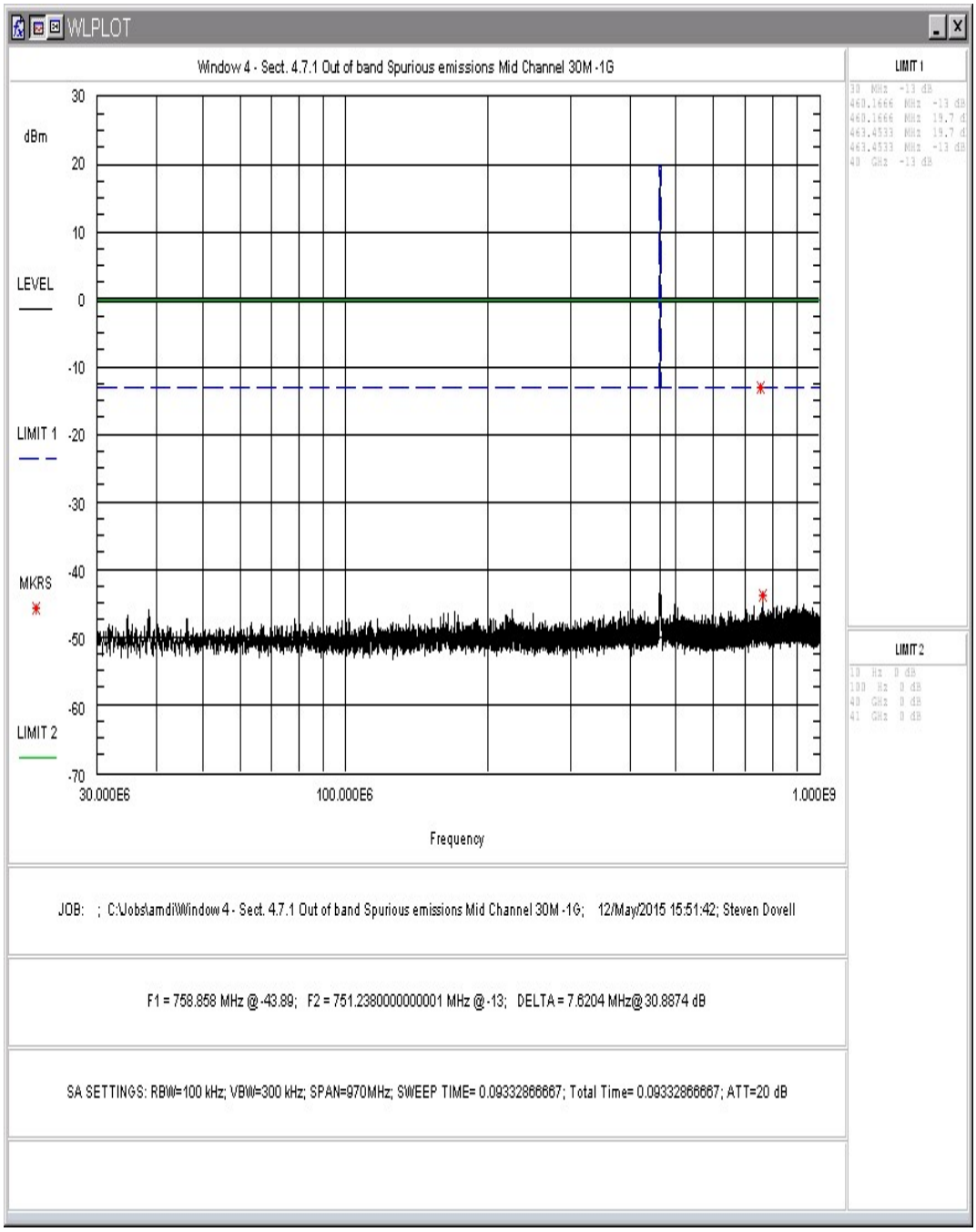

Figure 115. Window 4 - Sect. 4.7.1 Out of band Spurious emissions Mid Channel 30M -1G

 © 2015 Washington Laboratories, Ltd.