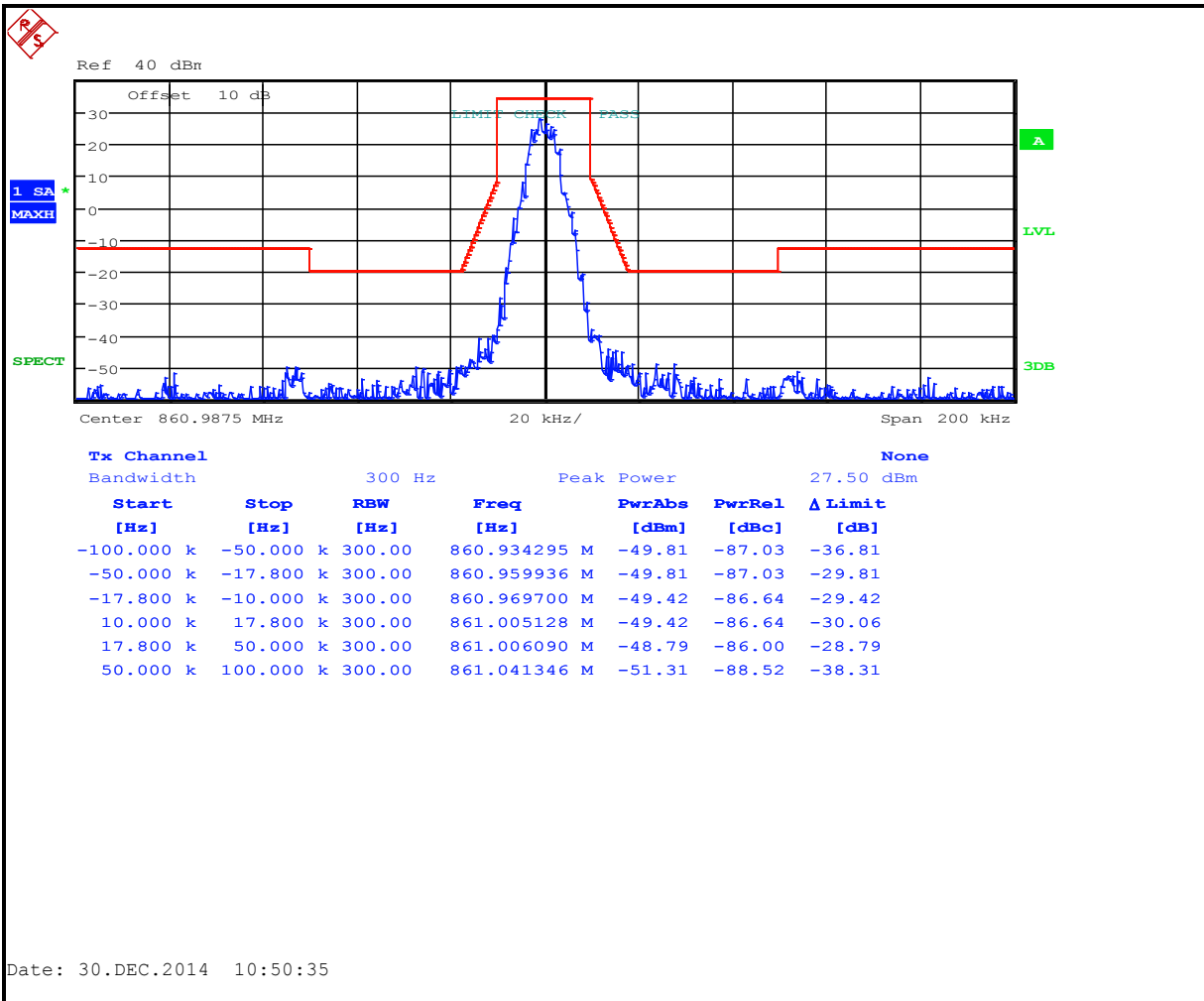
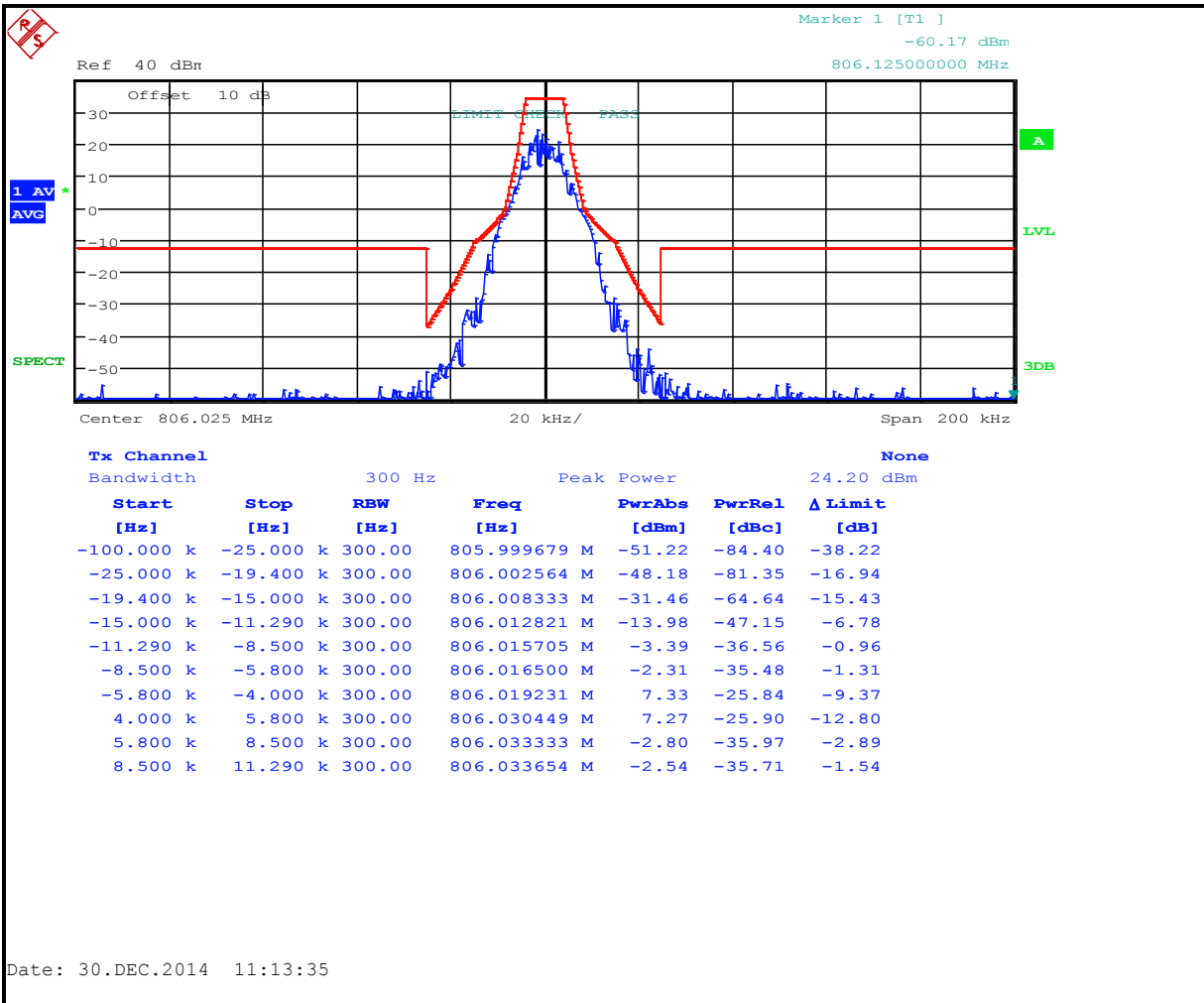


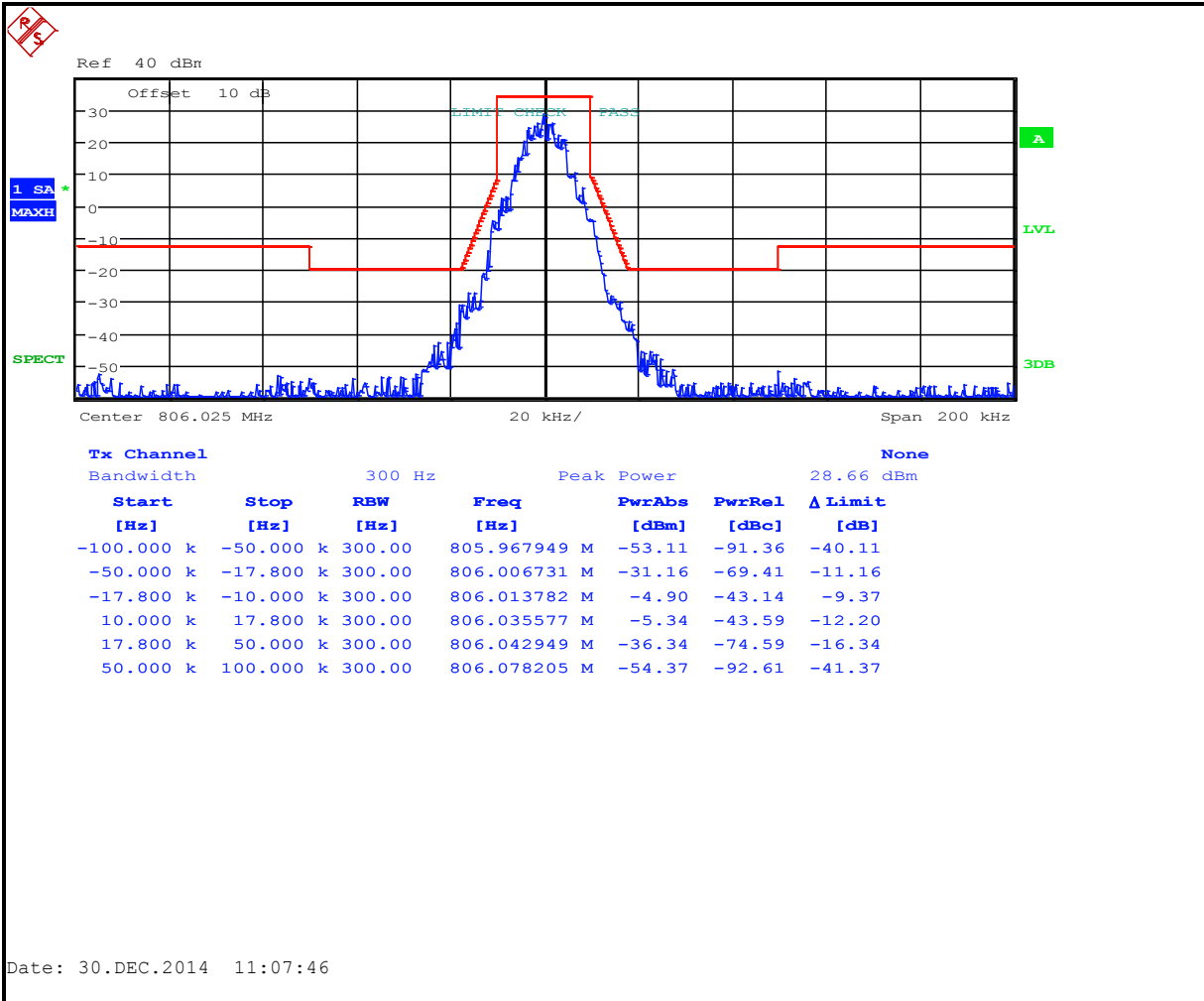
**Plot 8-172: Occupied Bandwidth – 860.9875 MHz; OTP Narrowband 4-level FSK (Mask G)**



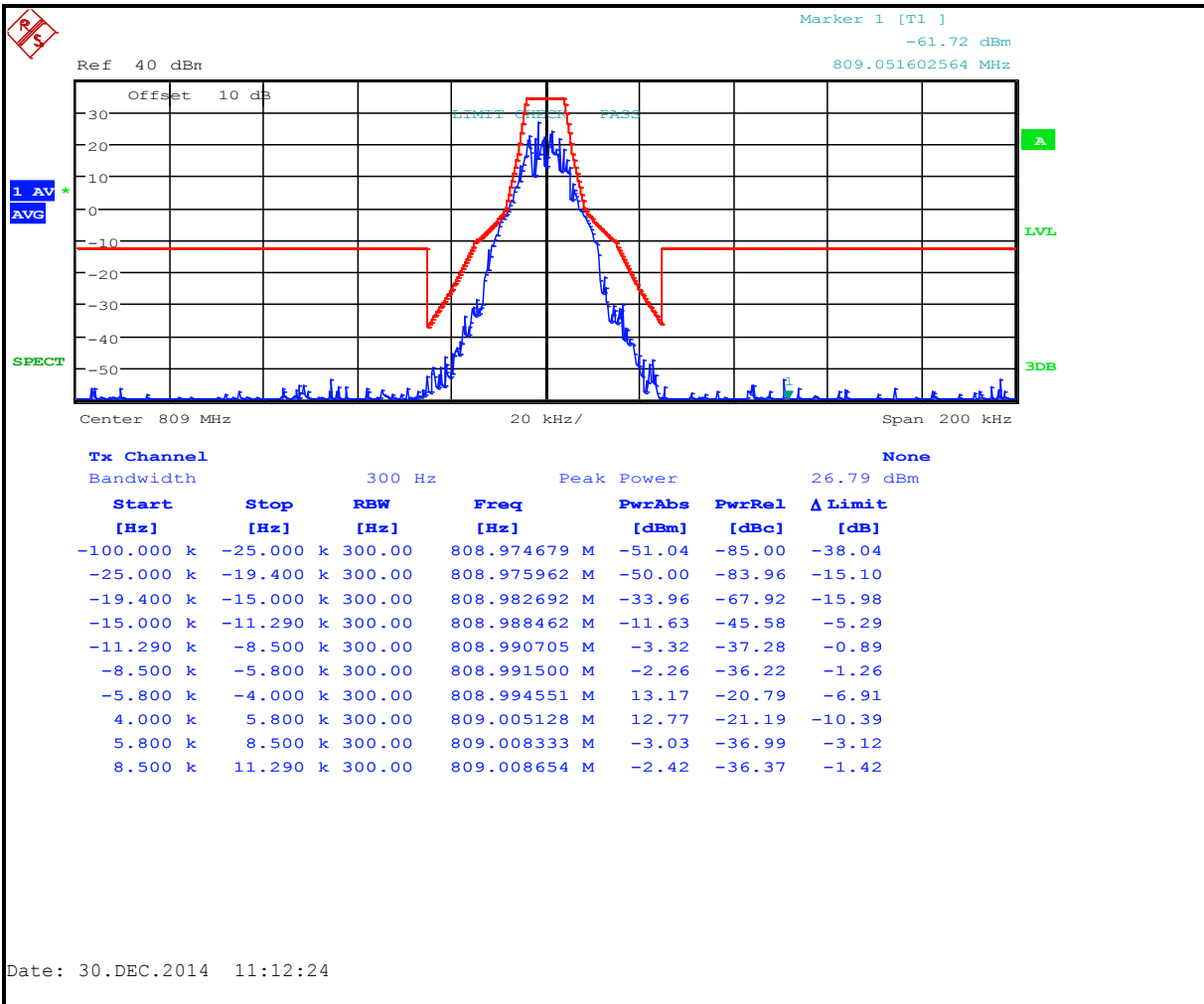
**Plot 8-173: Occupied Bandwidth – 806.0250 MHz; OTP NPSPAC 4-level FSK (Mask G)**



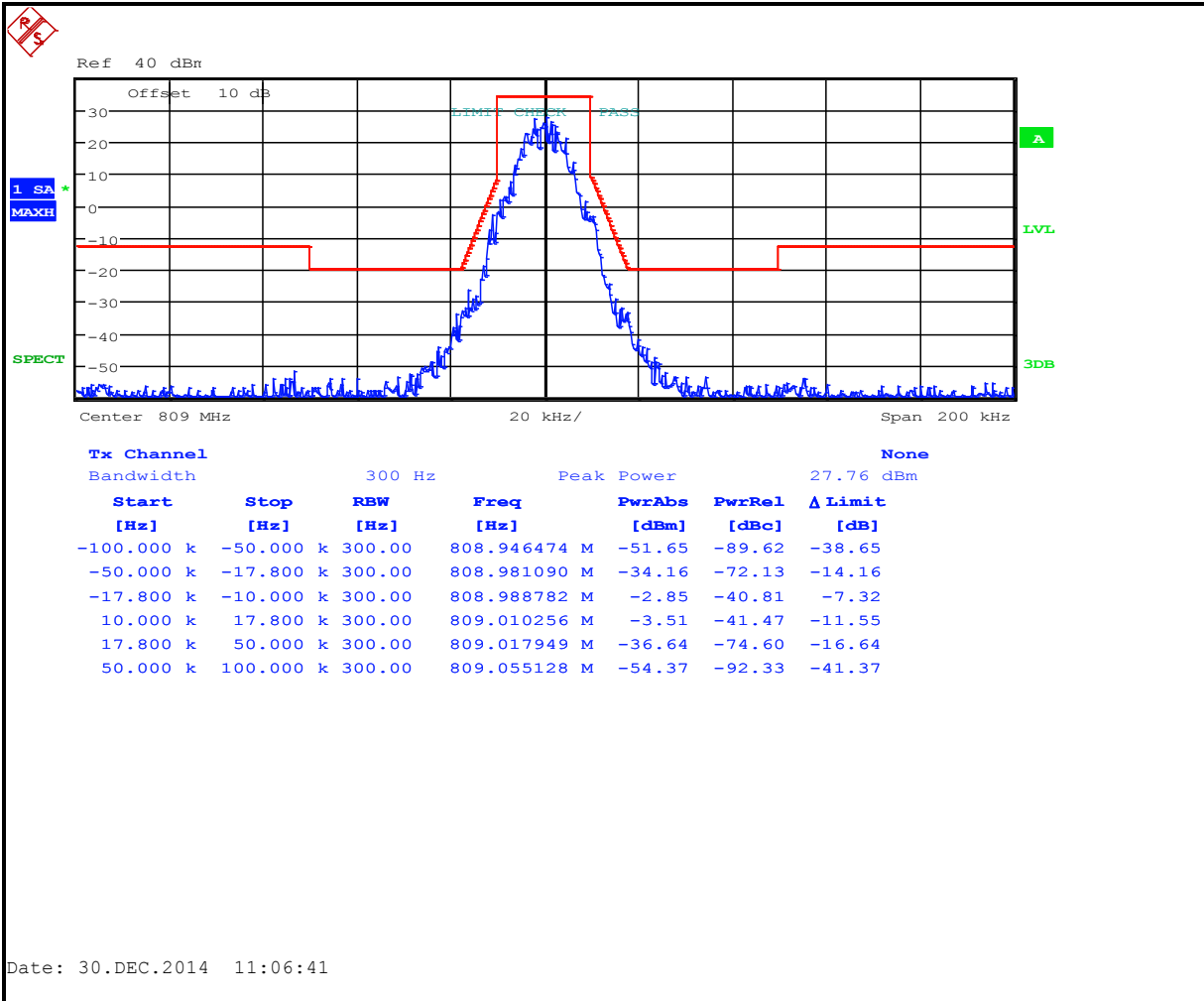
**Plot 8-174: Occupied Bandwidth – 806.025 MHz; OTP NPSPAC 4-level FSK (Mask G)**



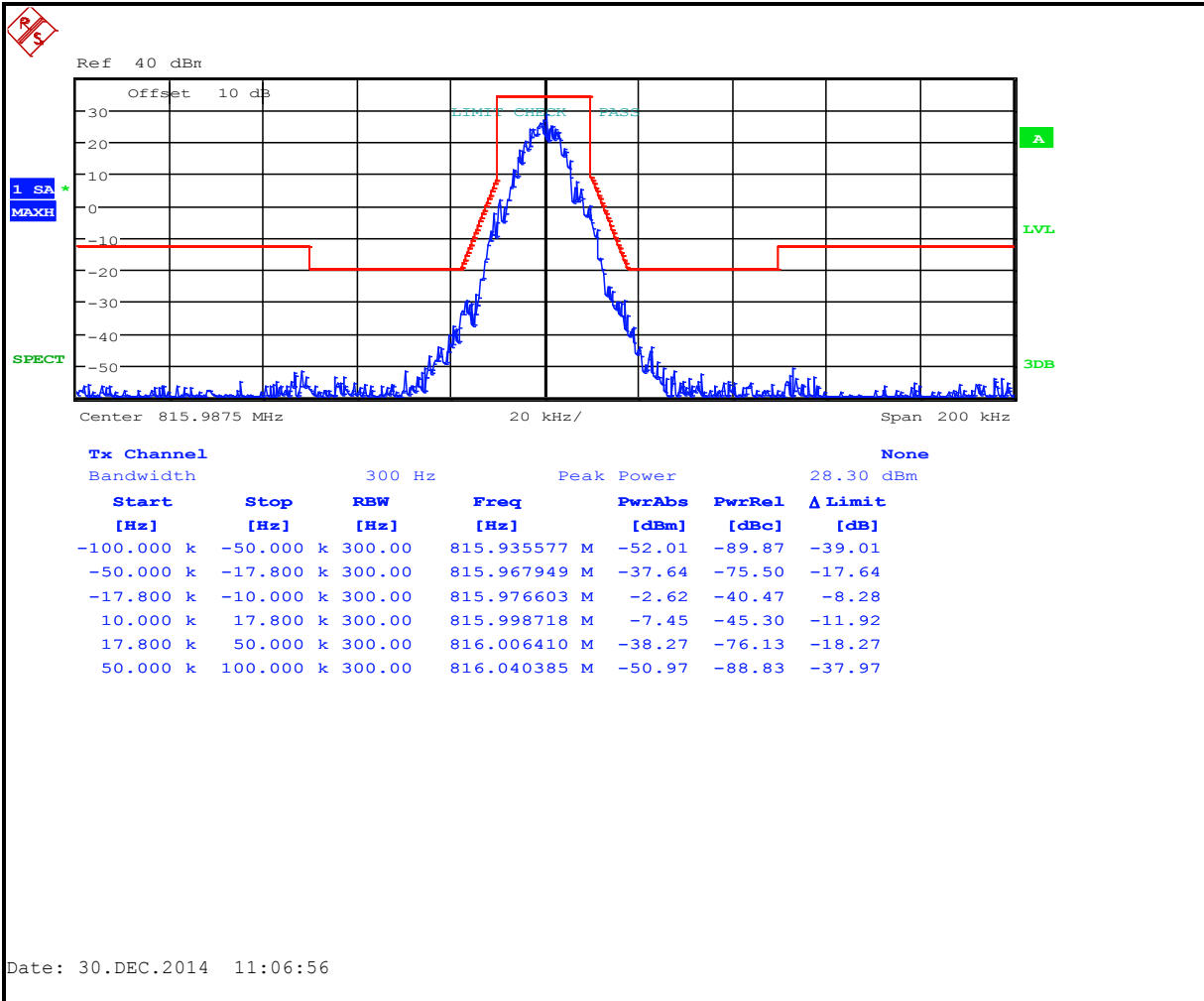
**Plot 8-175: Occupied Bandwidth – 809.0000 MHz; OTP NPSPAC 4-level FSK (Mask H)**



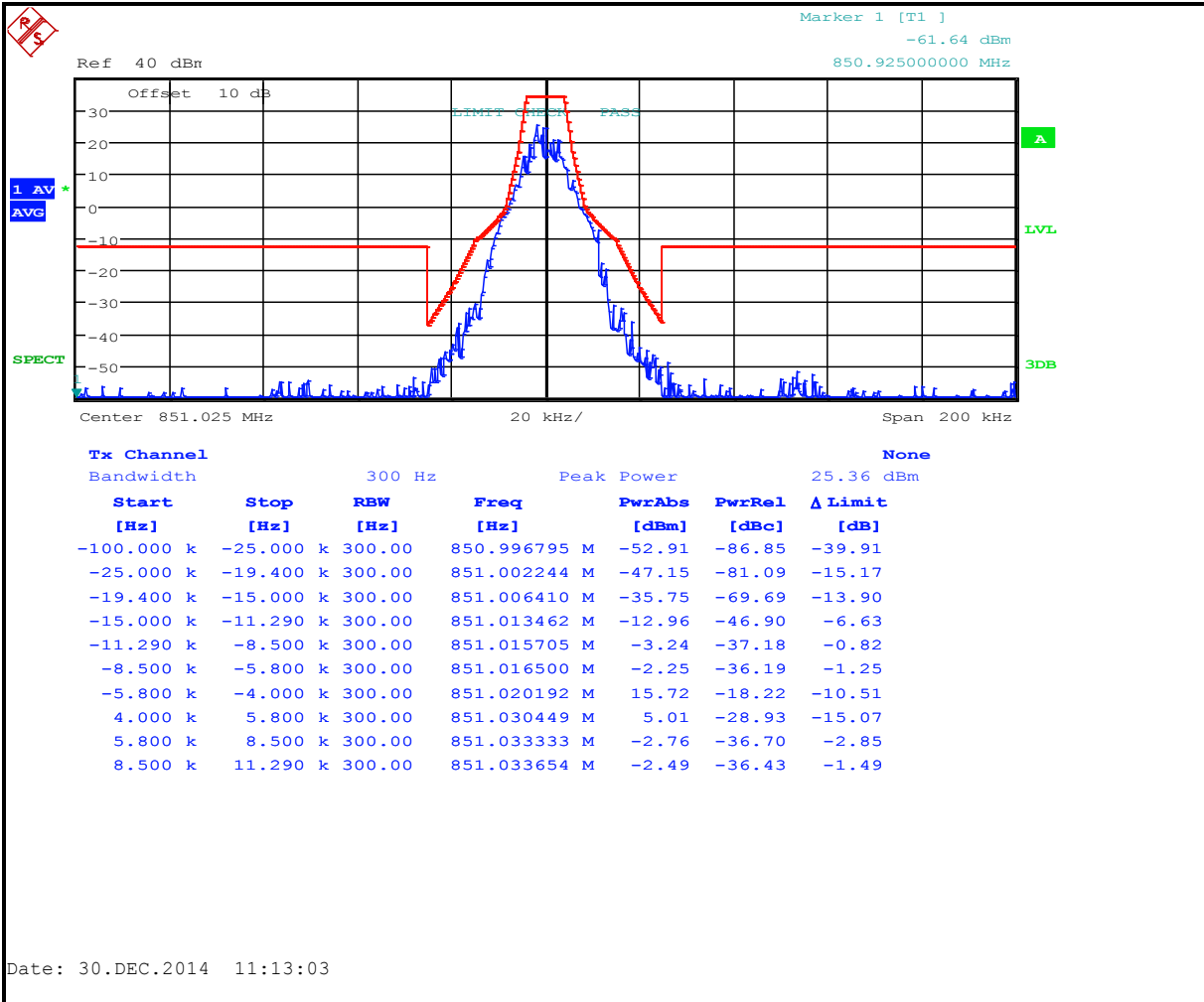
**Plot 8-176: Occupied Bandwidth – 809.0000 MHz; OTP NPSPAC 4-level FSK (Mask G)**



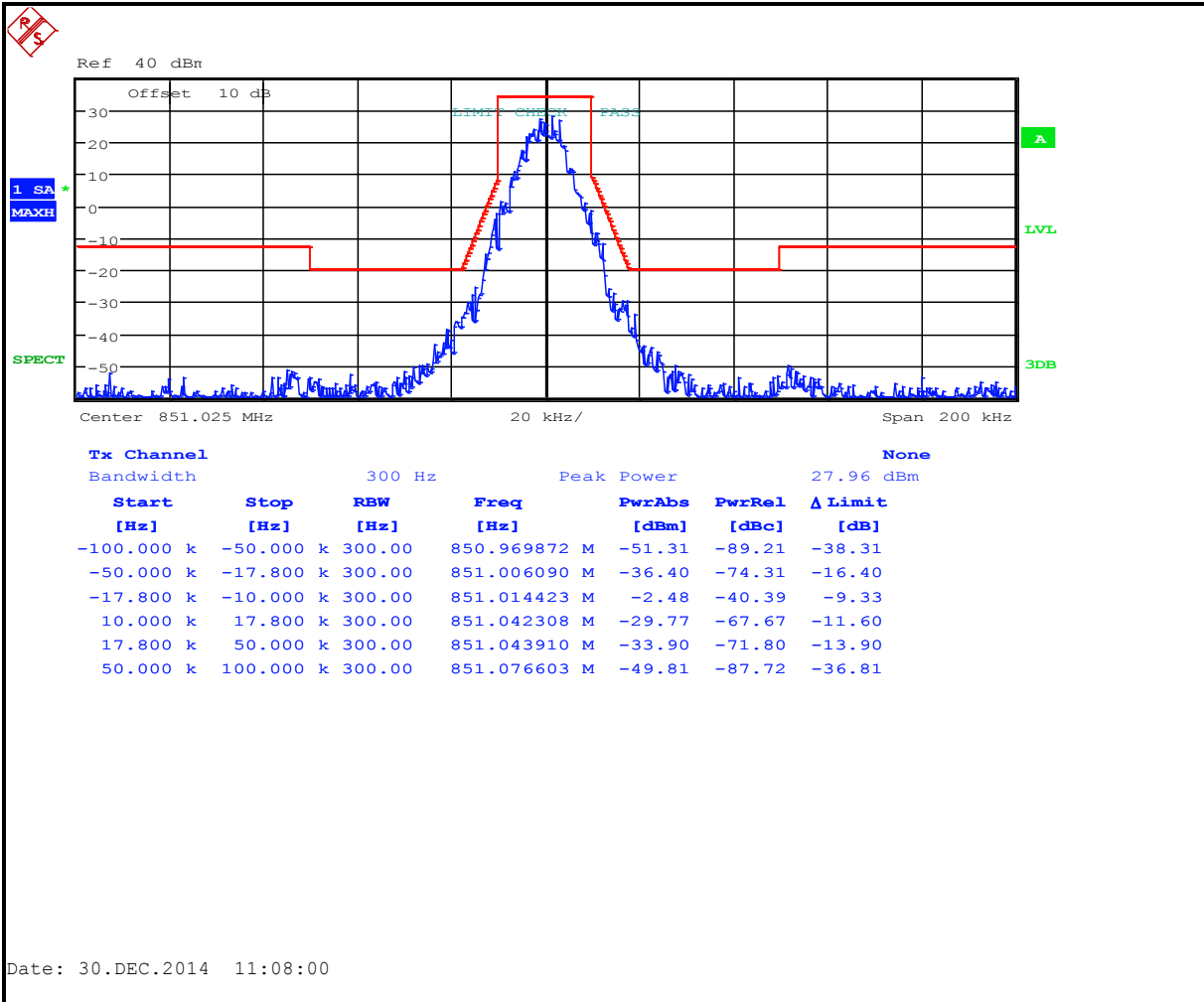
**Plot 8-177: Occupied Bandwidth – 815.9875 MHz; OTP NPSPAC 4-level FSK (Mask G)**



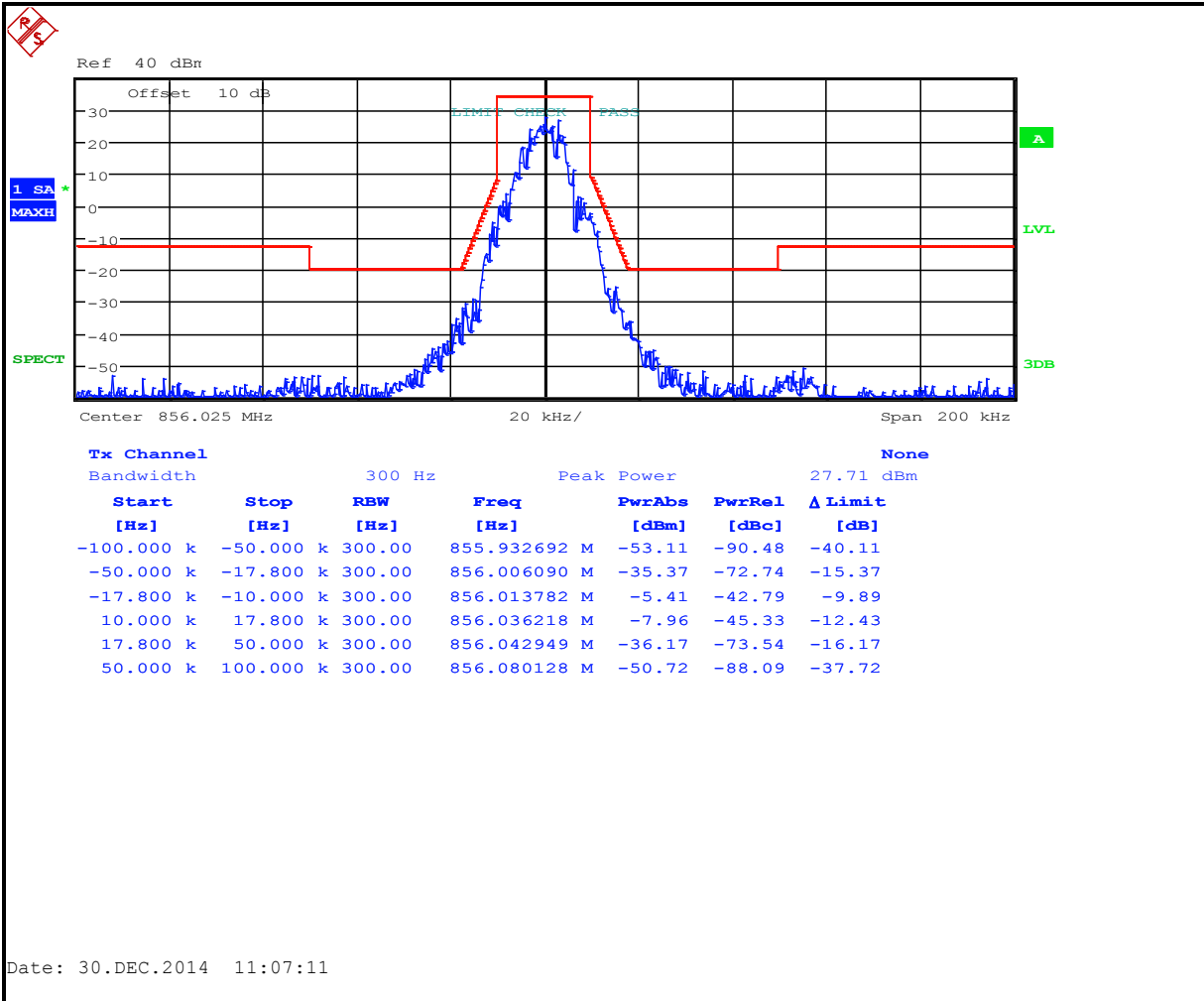
**Plot 8-178: Occupied Bandwidth – 851.0250 MHz; OTP NPSPAC 4-level FSK (Mask H)**



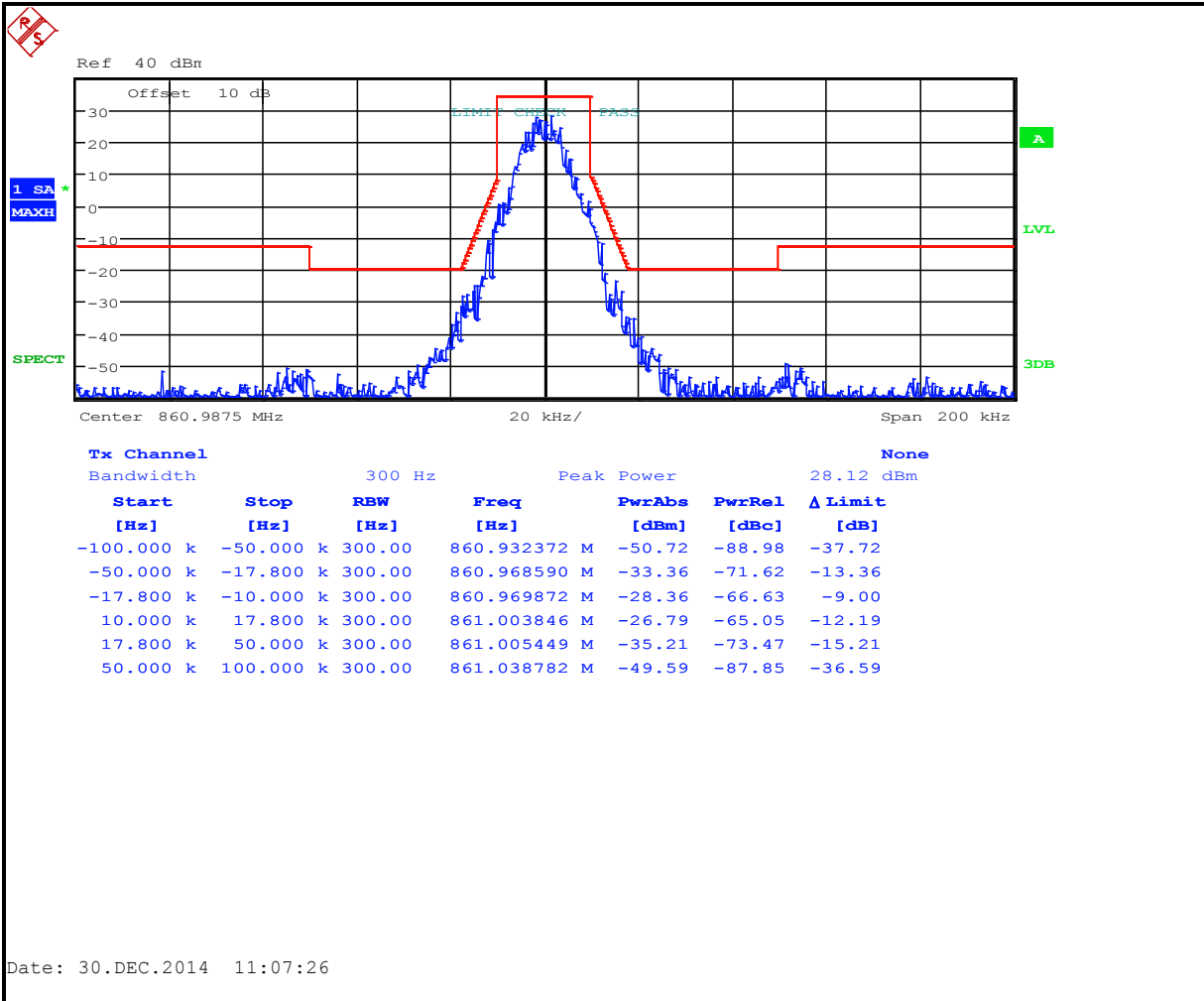
**Plot 8-179: Occupied Bandwidth – 851.0250 MHz; OTP NPSPAC 4-level FSK (Mask G)**



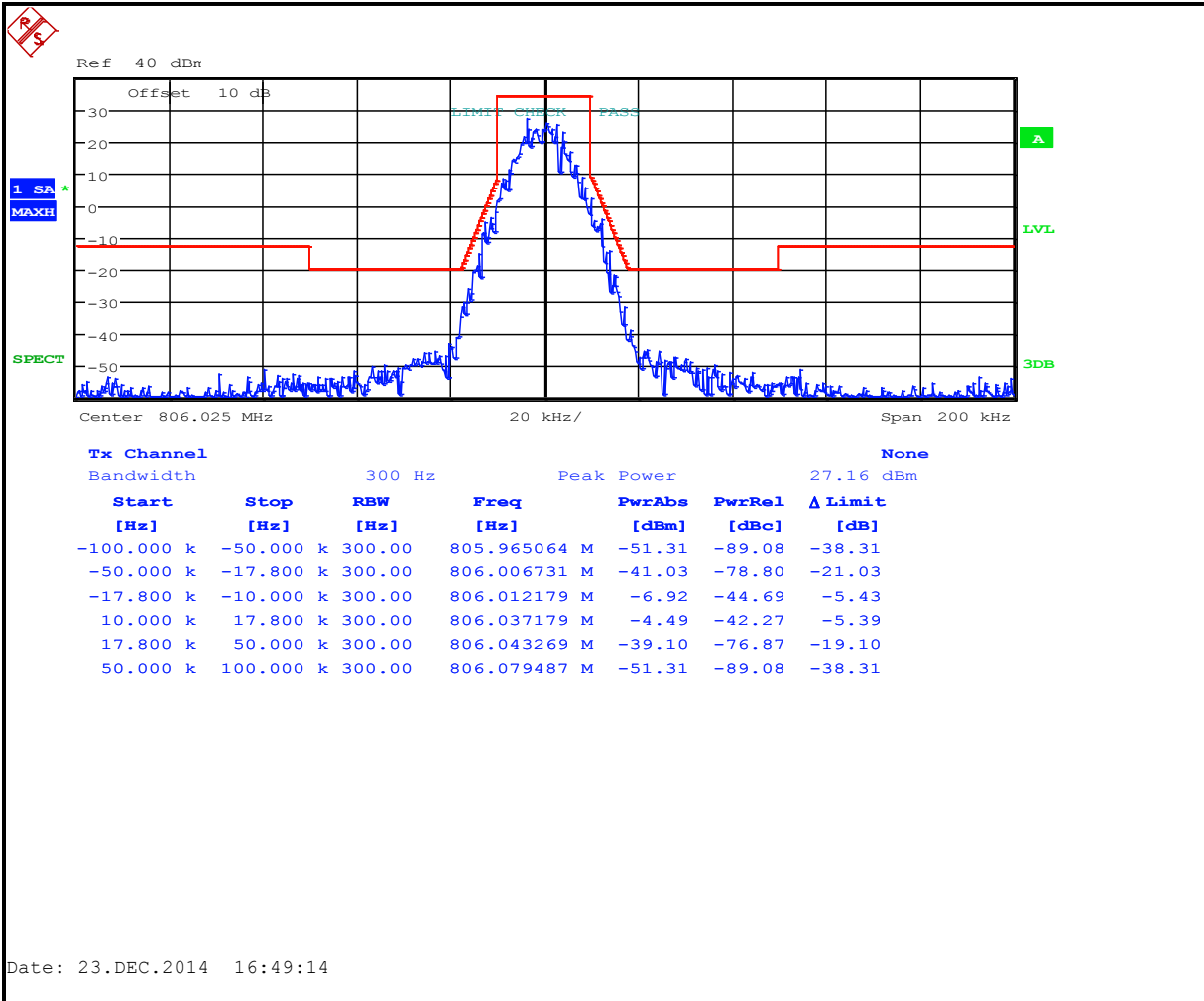
**Plot 8-180: Occupied Bandwidth – 856.025 MHz; OTP NPSPAC 4-level FSK (Mask G)**



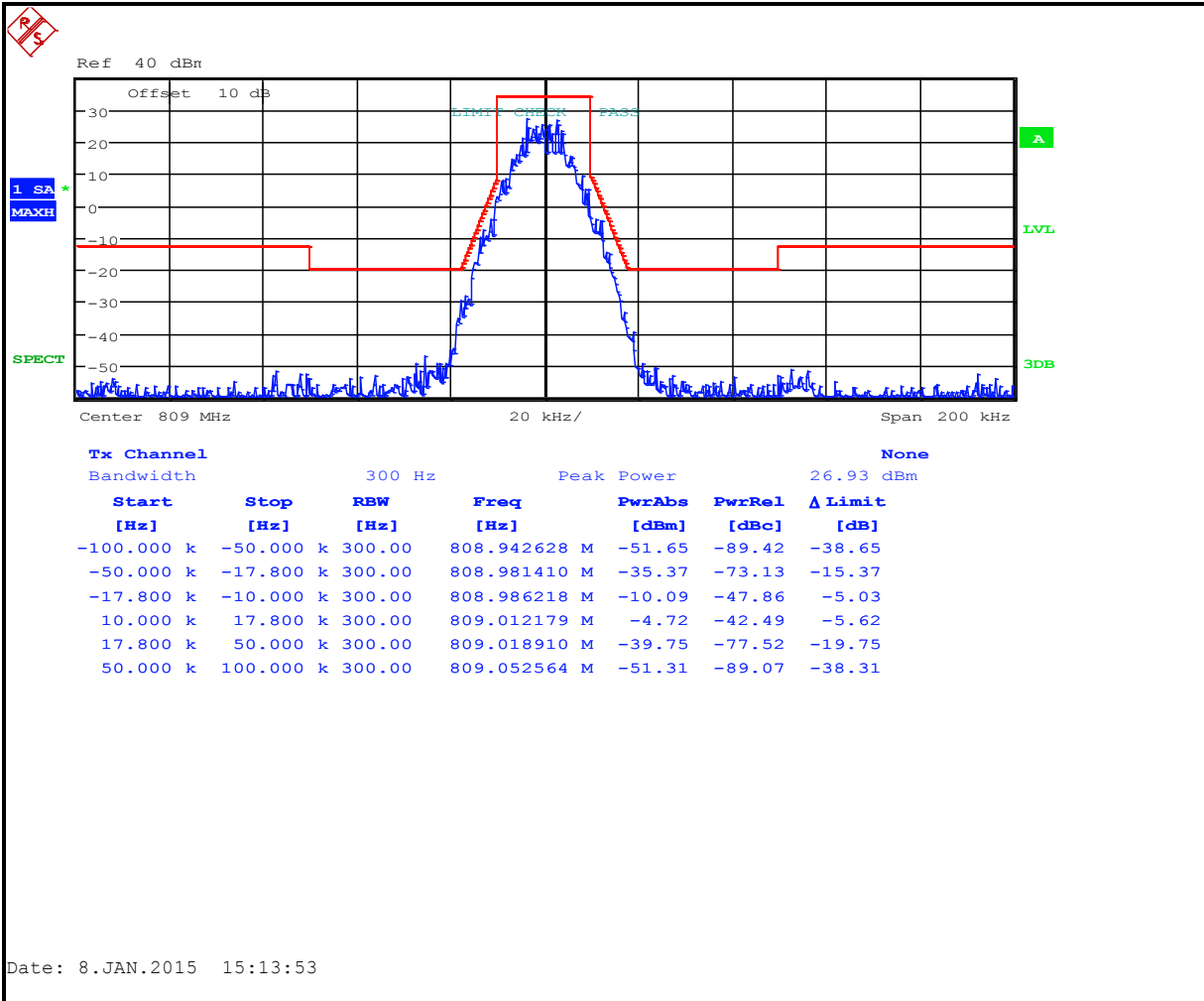
**Plot 8-181: Occupied Bandwidth – 860.9875 MHz; OTP NPSPAC 4-level FSK (Mask G)**



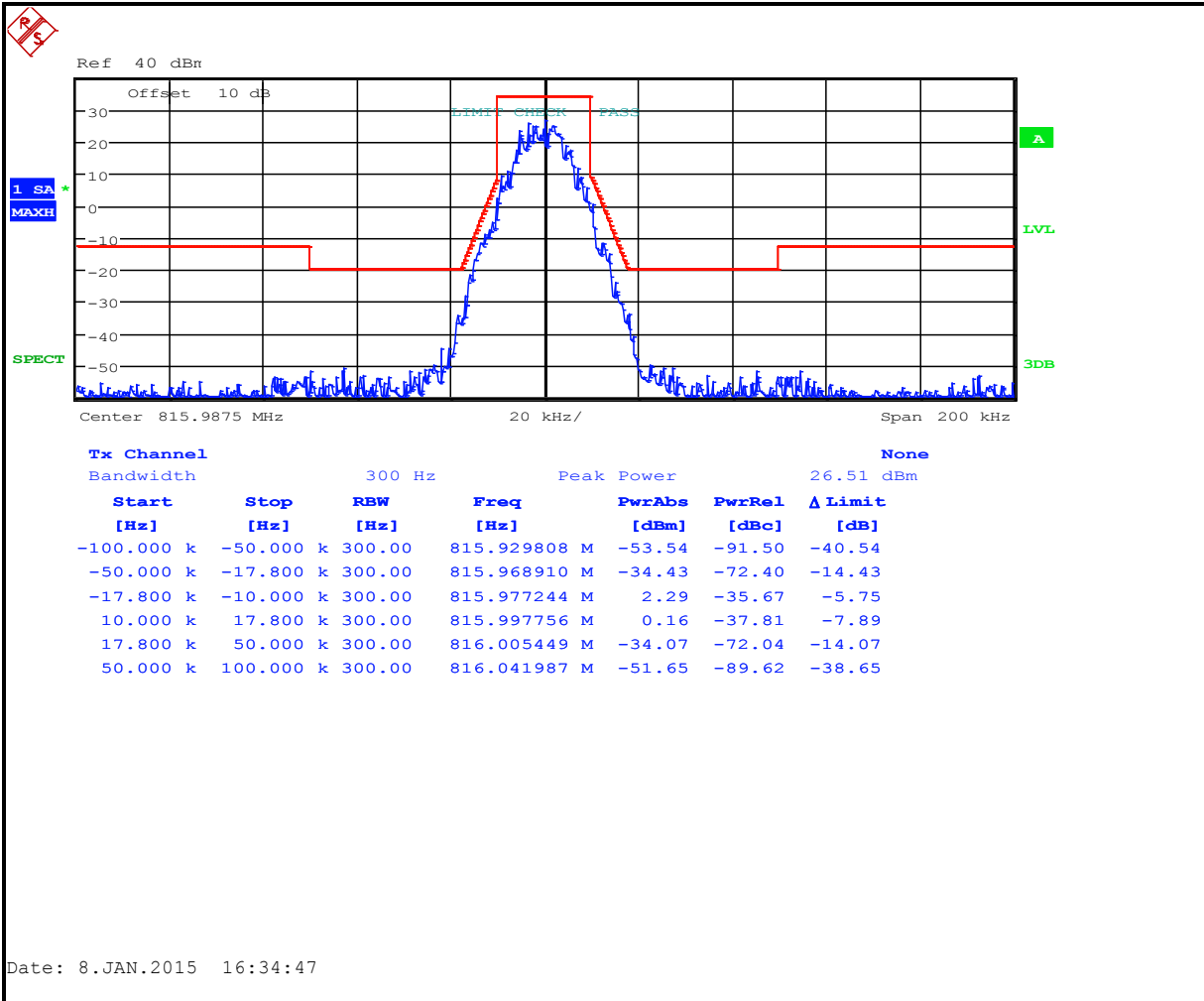
**Plot 8-182: Occupied Bandwidth – 806.025 MHz; OTP SMR 4-level FSK (Mask G)**



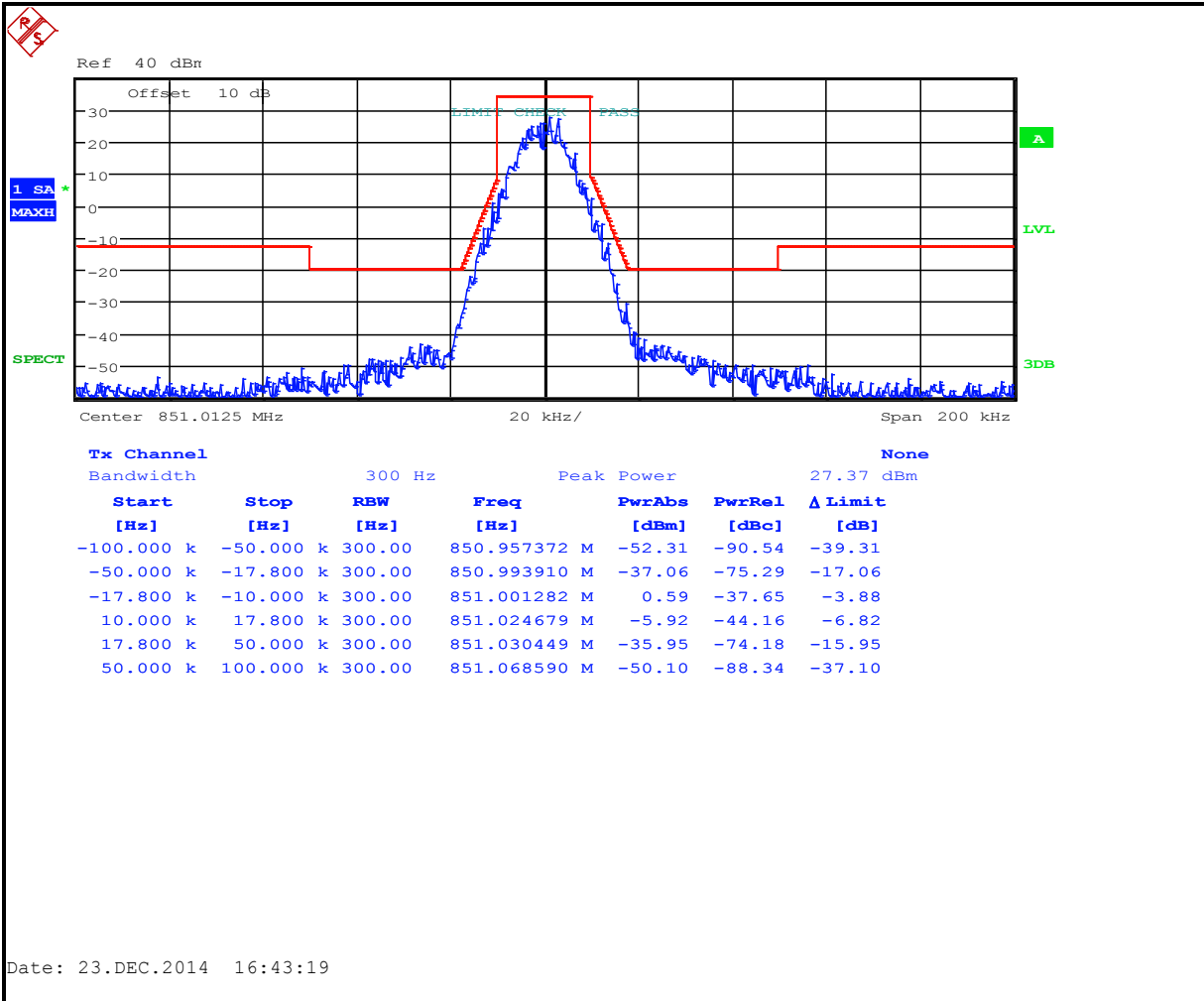
**Plot 8-183: Occupied Bandwidth – 809.0000 MHz; OTP SMR 4-level FSK (Mask G)**



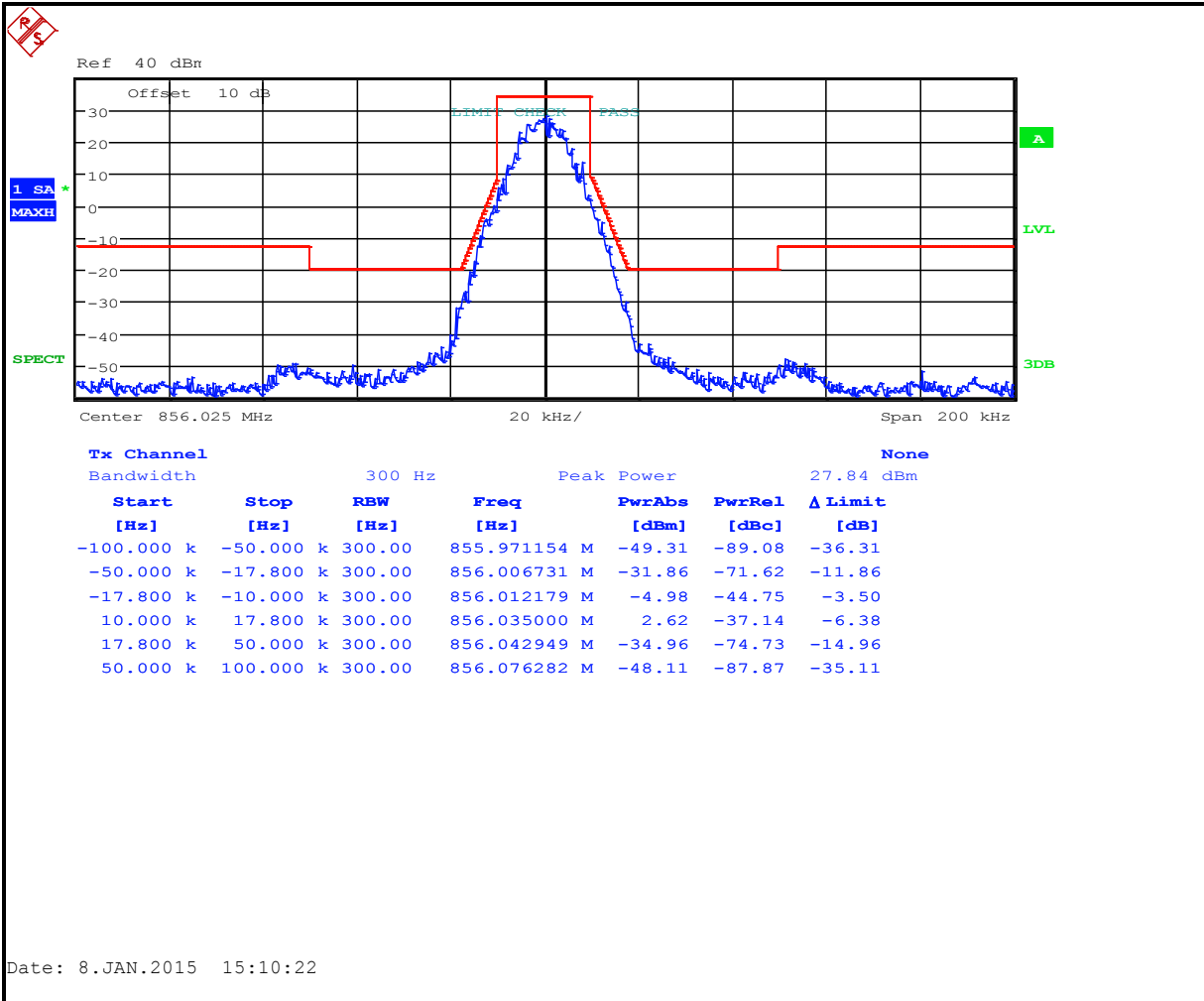
**Plot 8-184: Occupied Bandwidth – 815.9875 MHz; OTP SMR 4-level FSK (Mask G)**



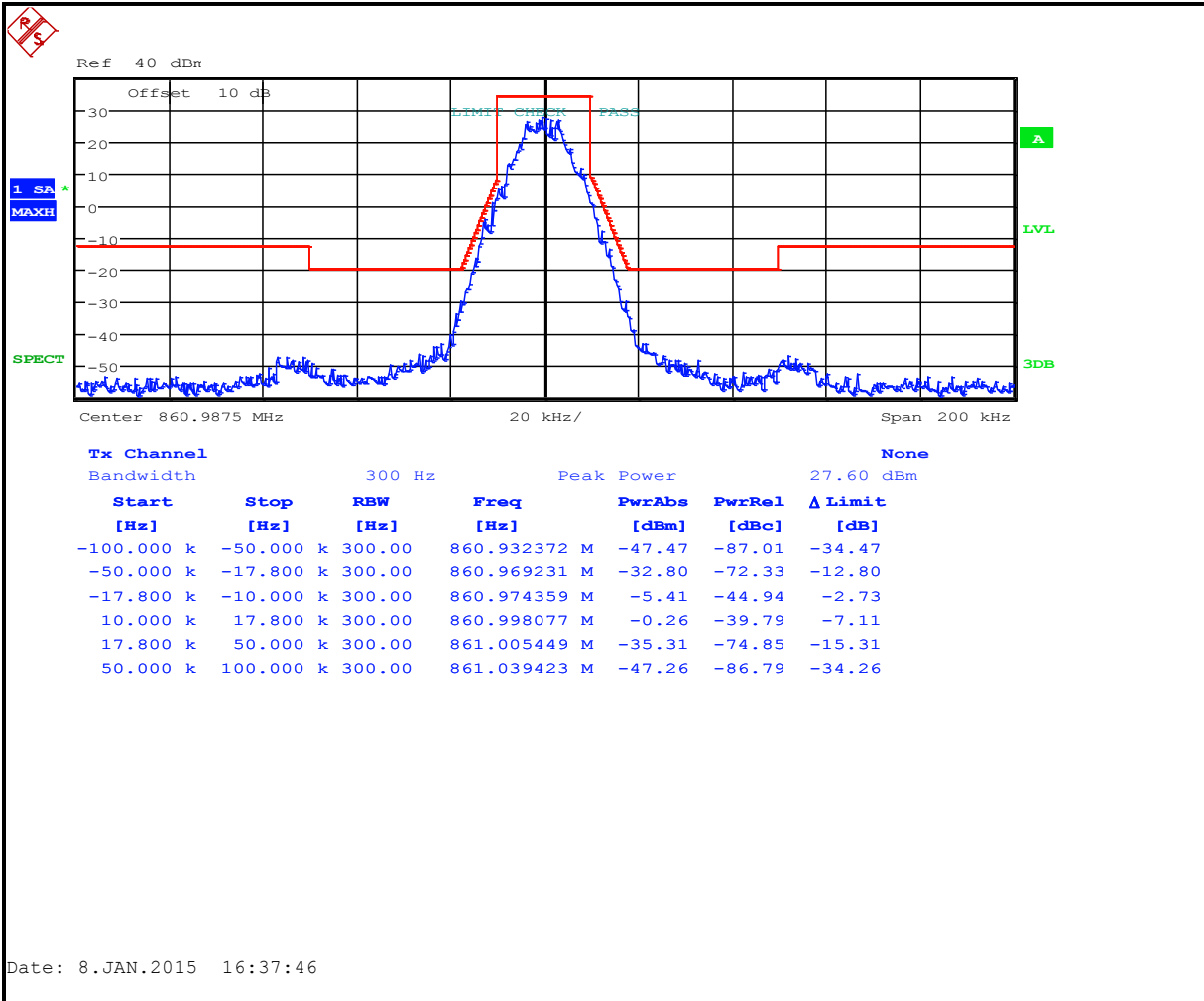
**Plot 8-185: Occupied Bandwidth – 851.0250 MHz; OTP SMR 4-level FSK (Mask G)**



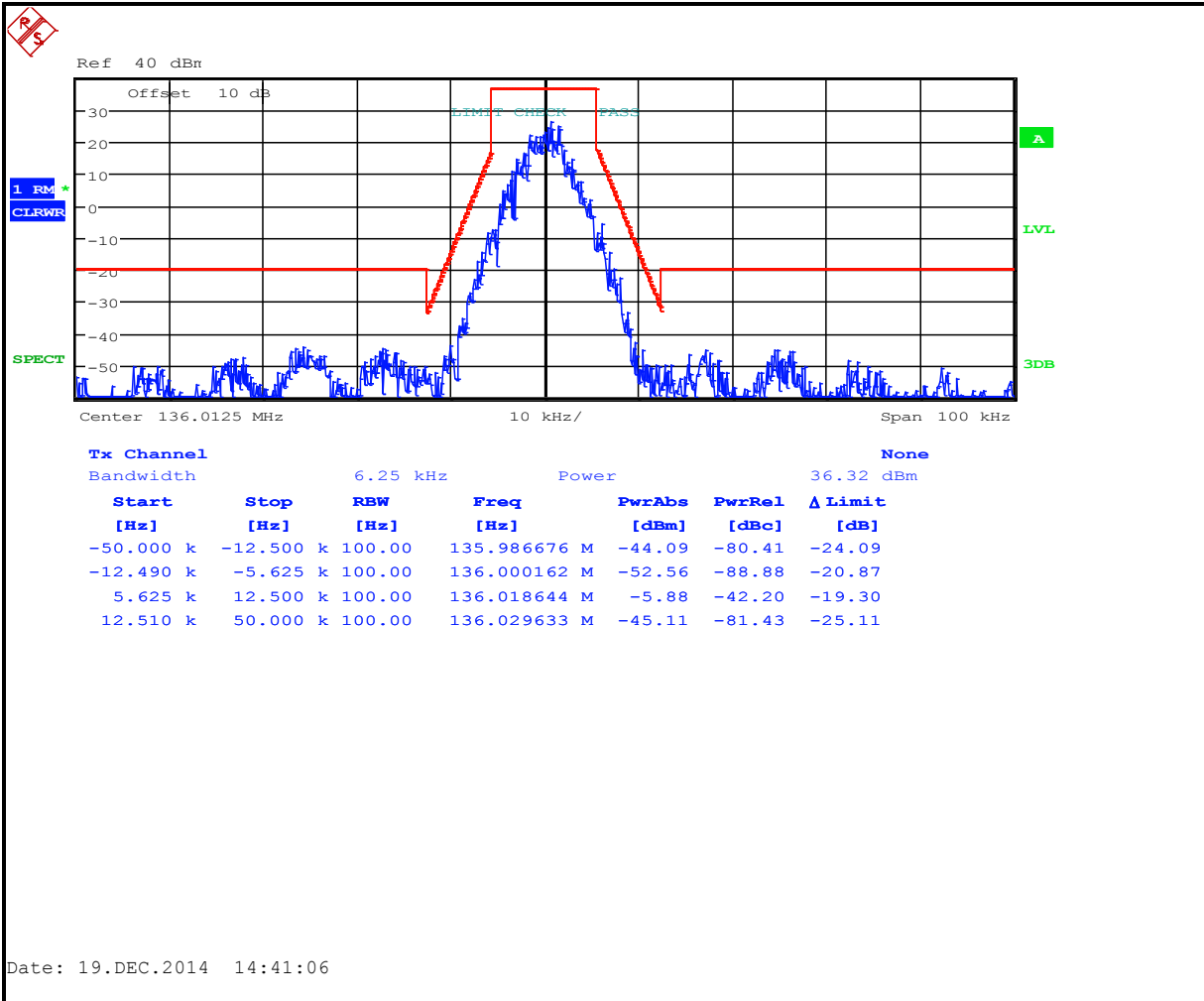
**Plot 8-186: Occupied Bandwidth – 856.025 MHz; OTP SMR 4-level FSK (Mask G)**



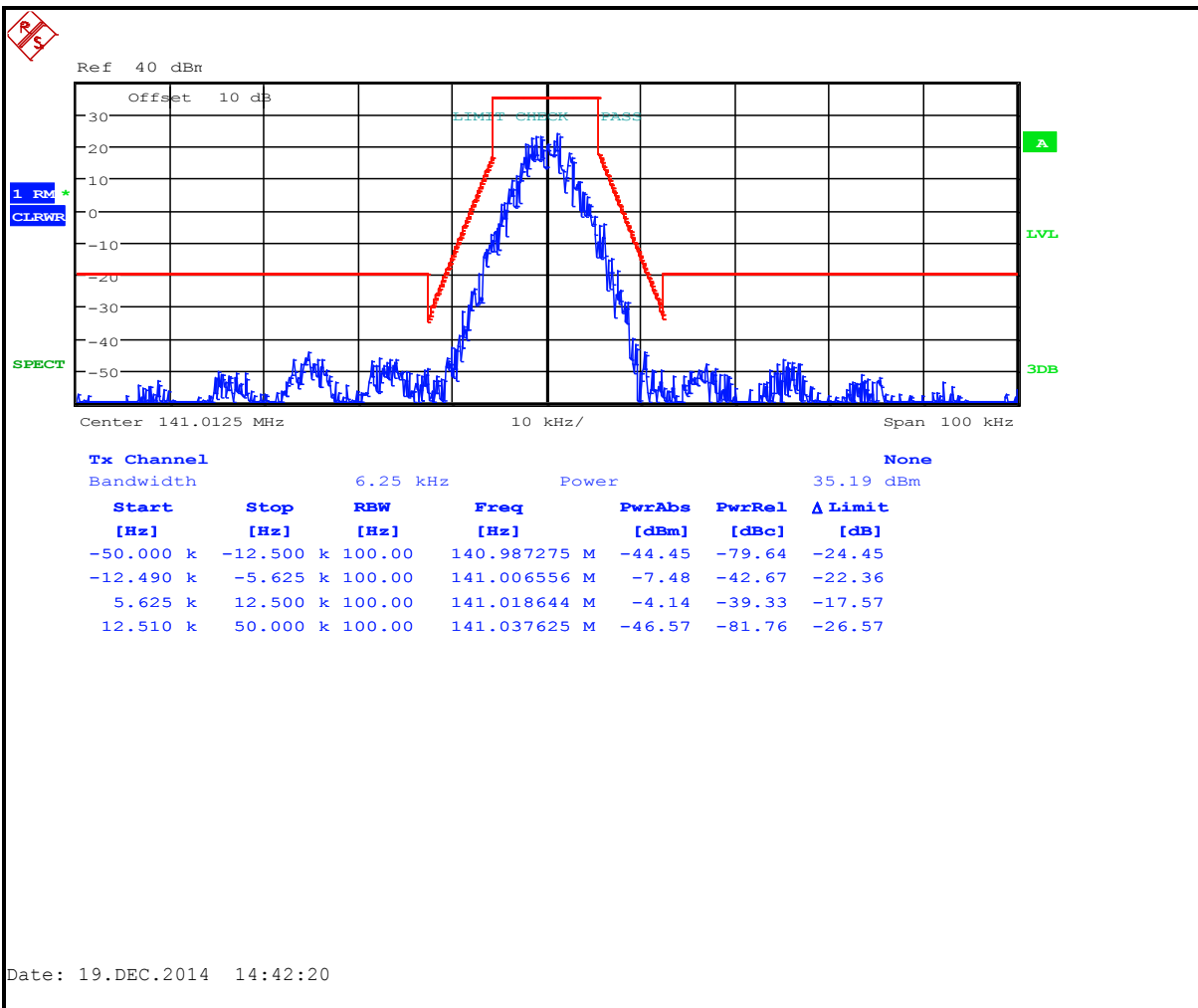
**Plot 8-187: Occupied Bandwidth – 860.9875 MHz; OTP SMR 4-level FSK (Mask G)**



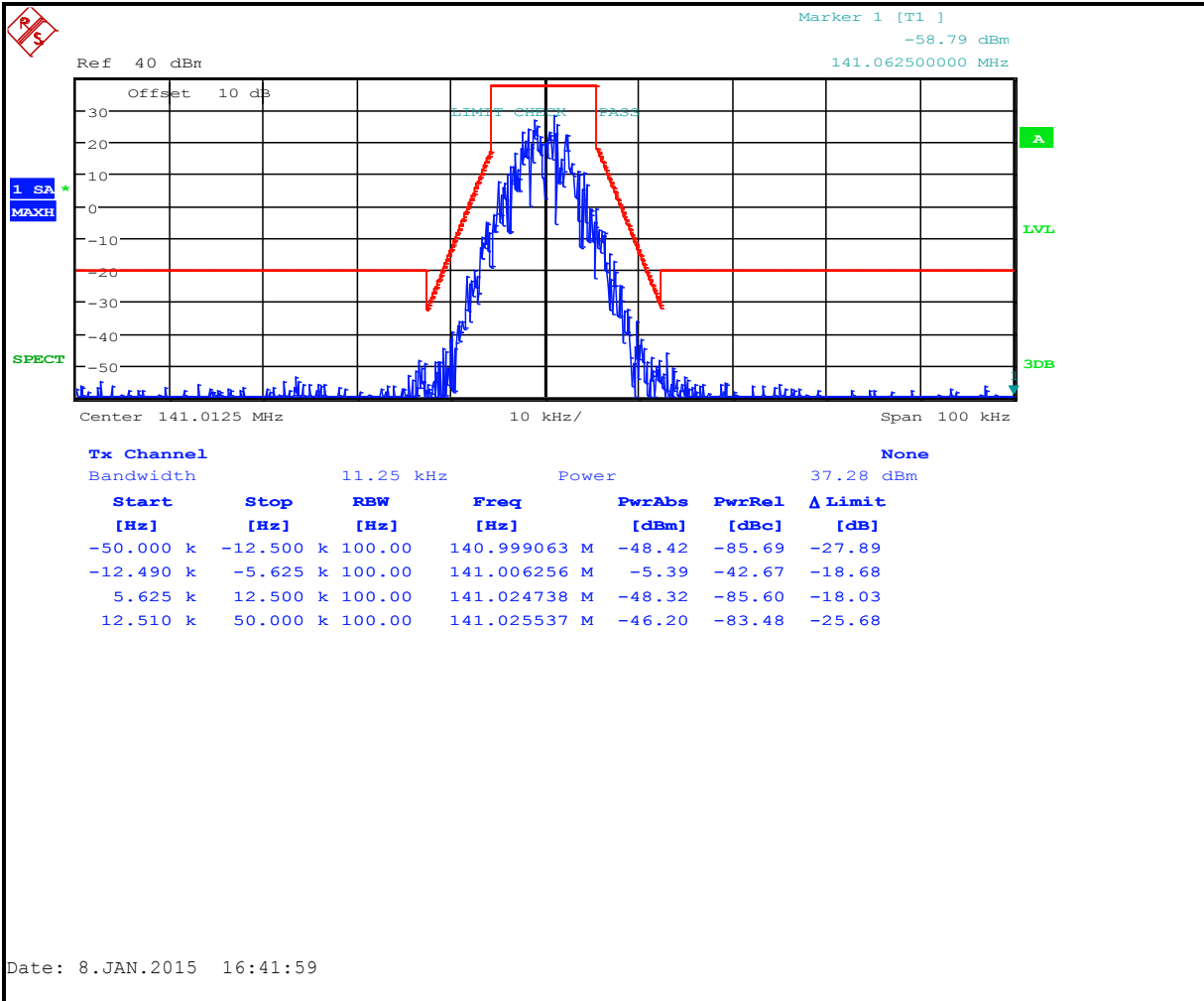
**Plot 8-188: Occupied Bandwidth – 136.0125 MHz; C4FM (Mask D)**



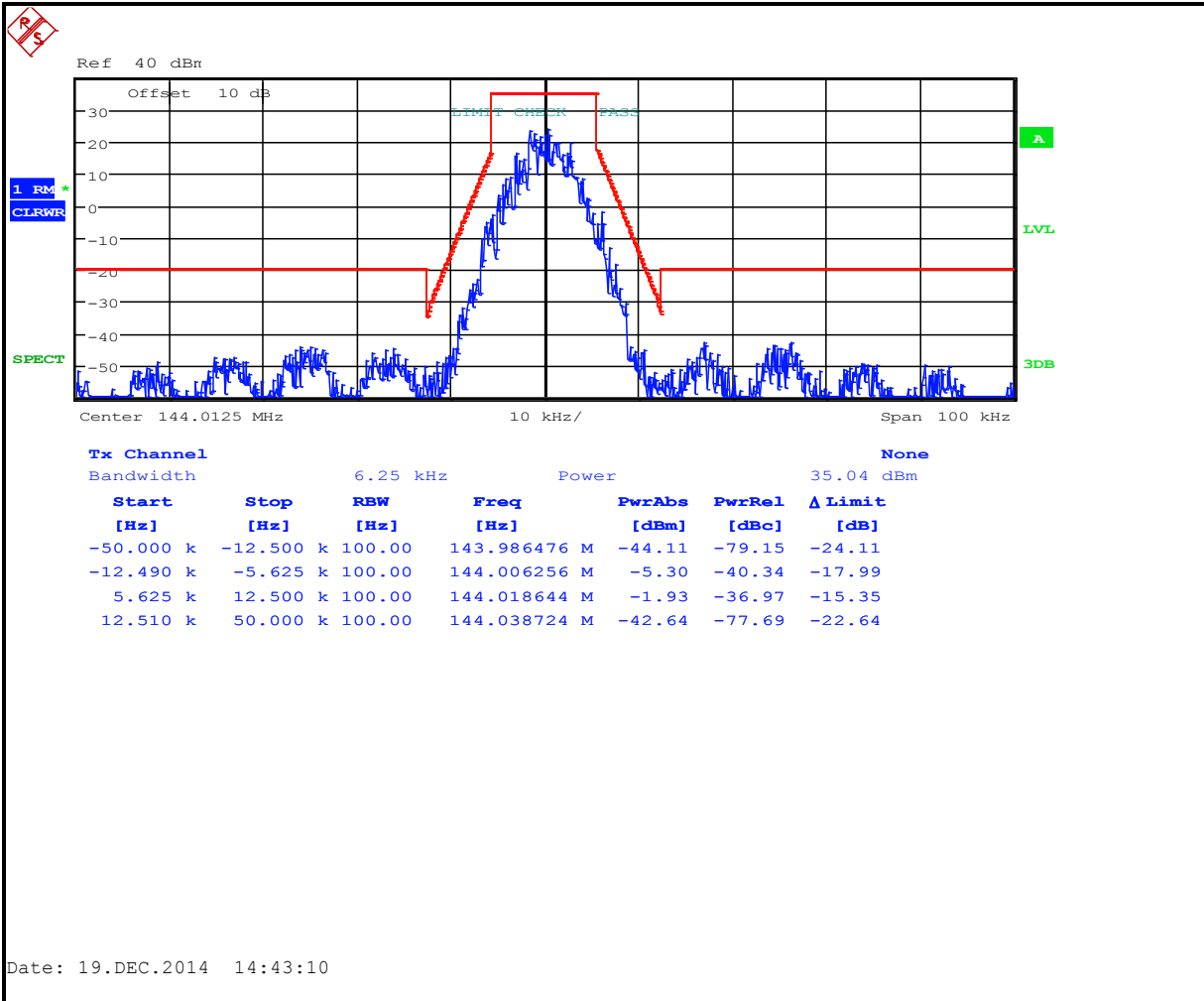
**Plot 8-189: Occupied Bandwidth – 138.0125 MHz; C4FM (Mask D)**



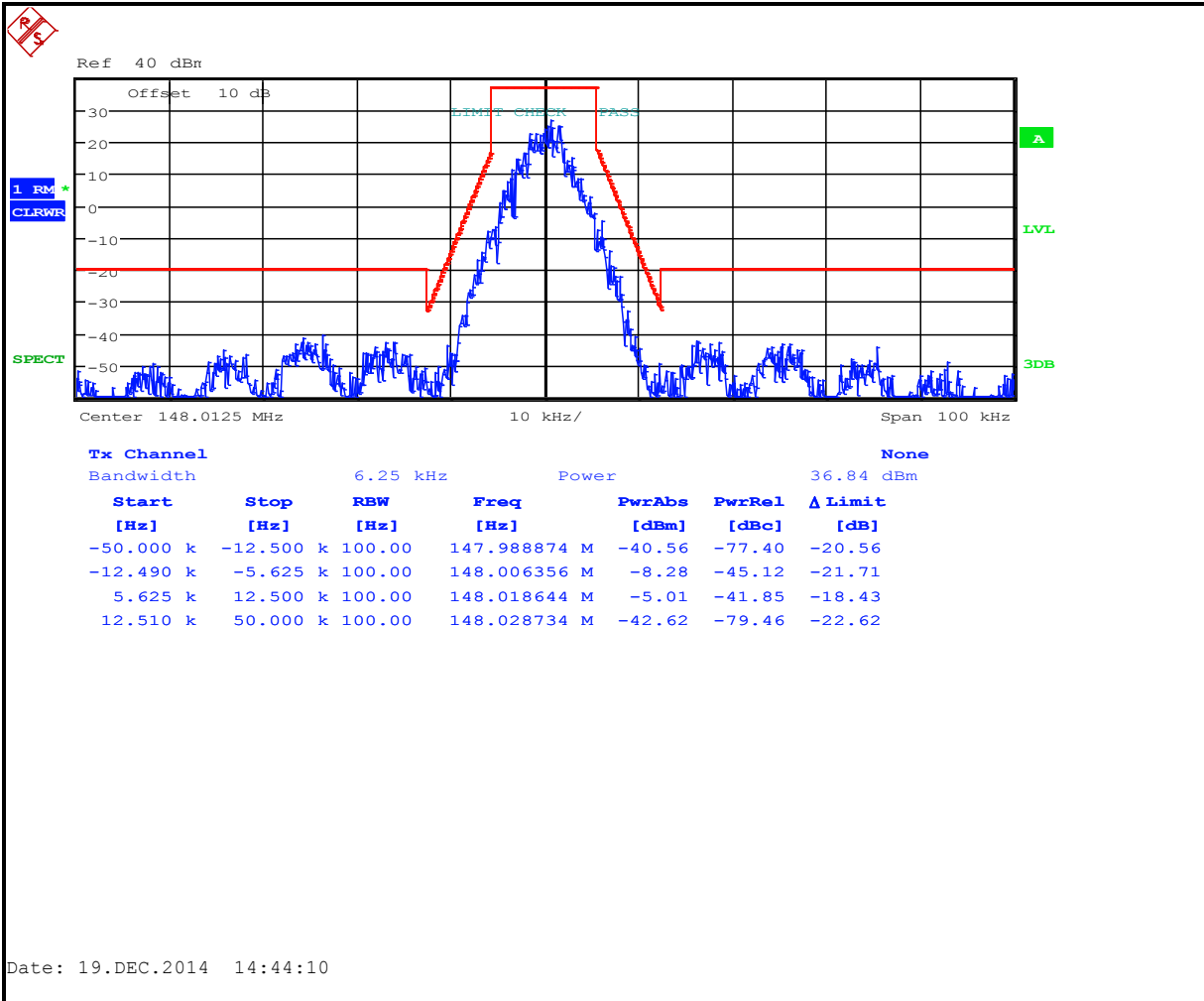
**Plot 8-190: Occupied Bandwidth – 141.0125 MHz; C4FM (Mask D)**



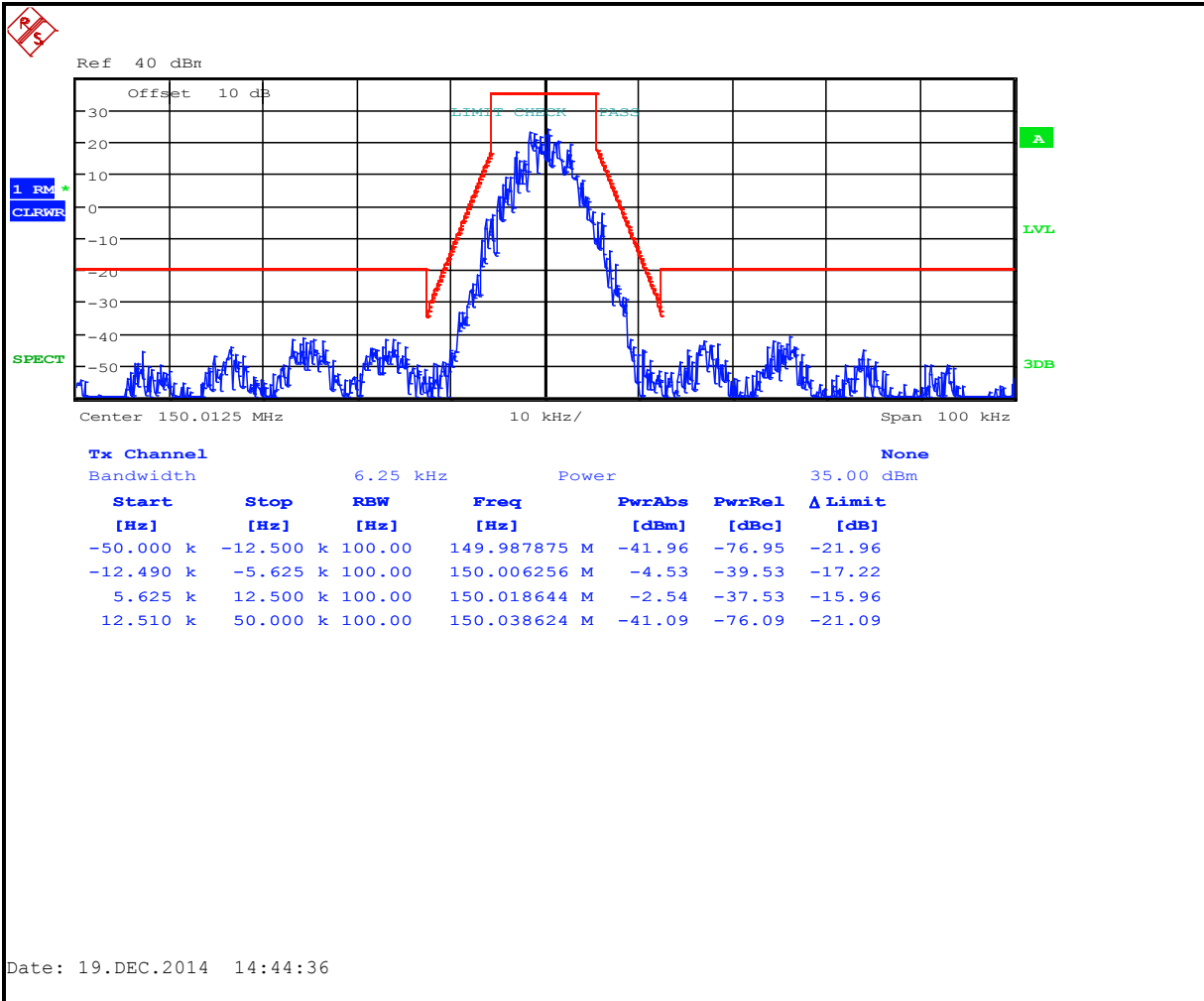
**Plot 8-191: Occupied Bandwidth – 144.0125 MHz; C4FM (Mask D)**



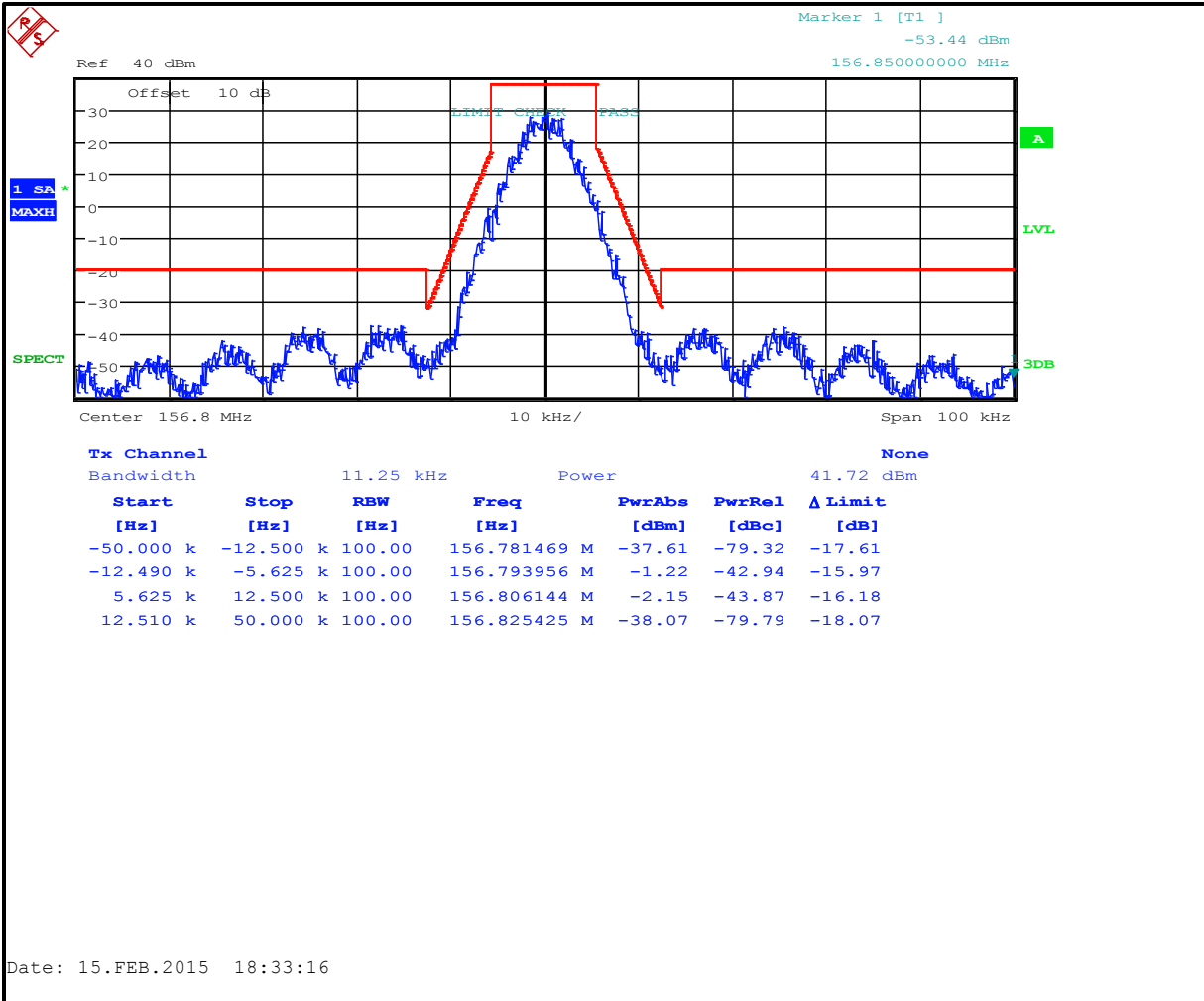
**Plot 8-192: Occupied Bandwidth – 148.0125 MHz; C4FM (Mask D)**



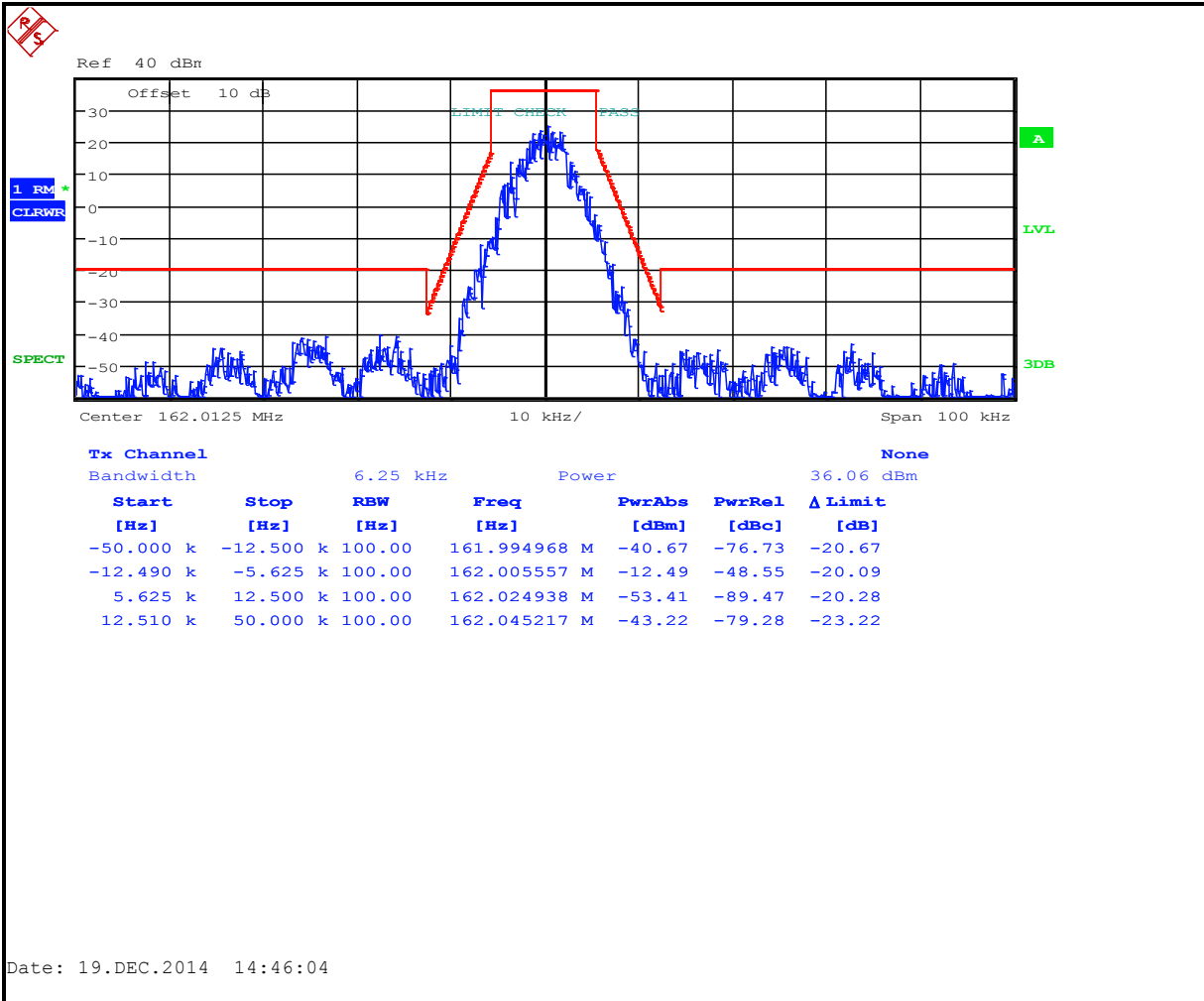
**Plot 8-193: Occupied Bandwidth – 150.0125 MHz; C4FM (Mask D)**



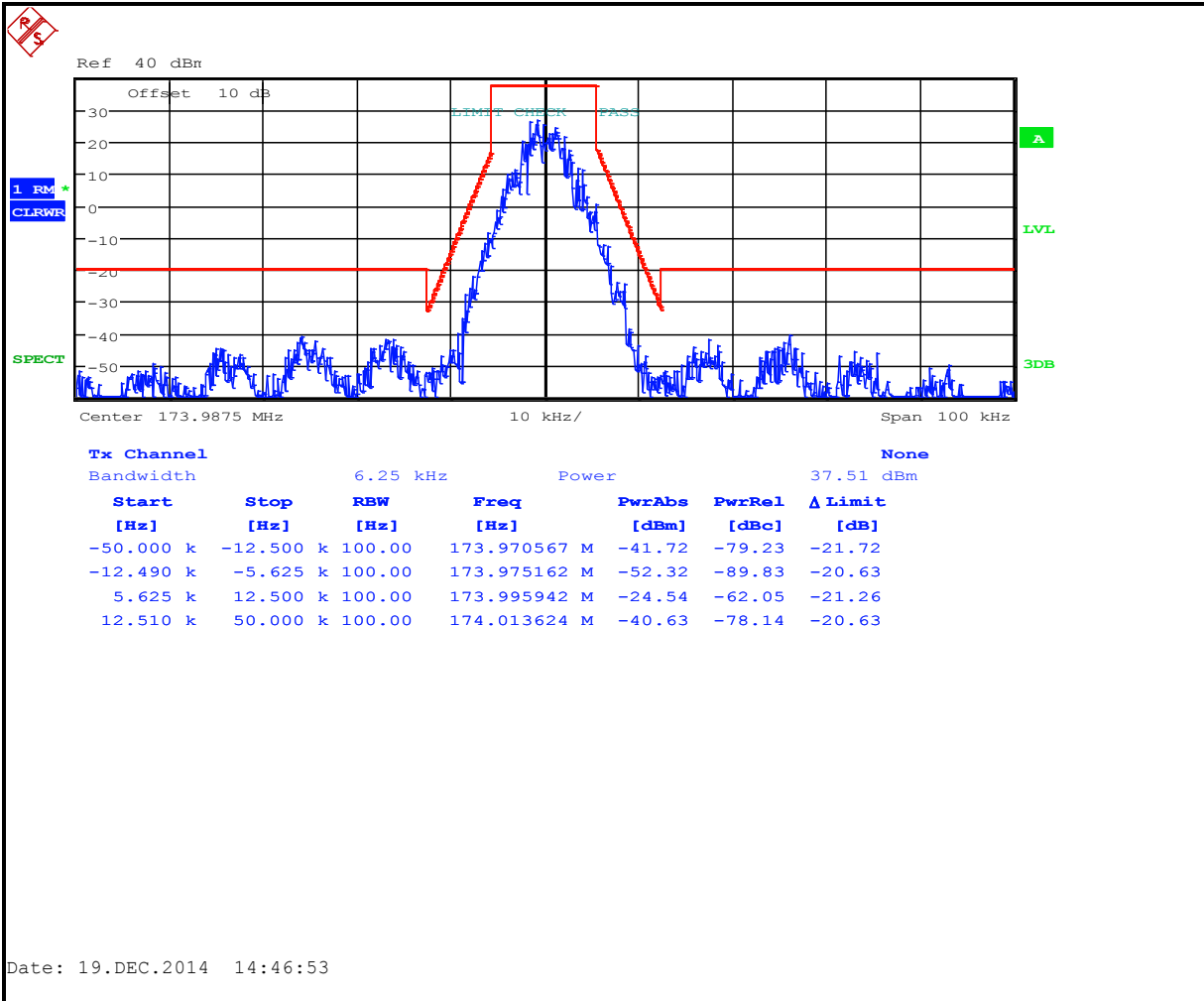
**Plot 8-194: Occupied Bandwidth – 156.8000 MHz; C4FM (Mask D)**



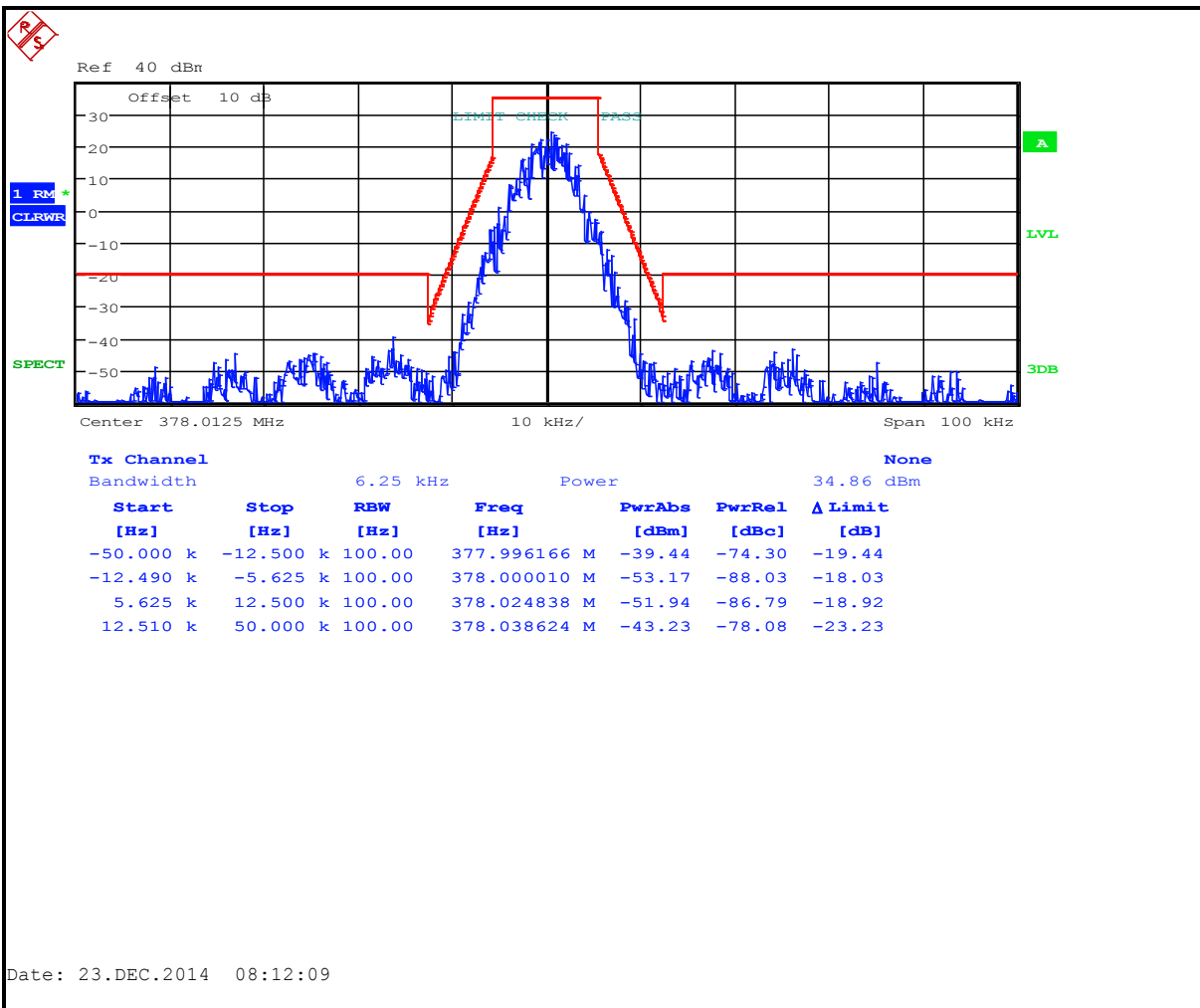
**Plot 8-195: Occupied Bandwidth – 162.0125 MHz; C4FM (Mask D)**



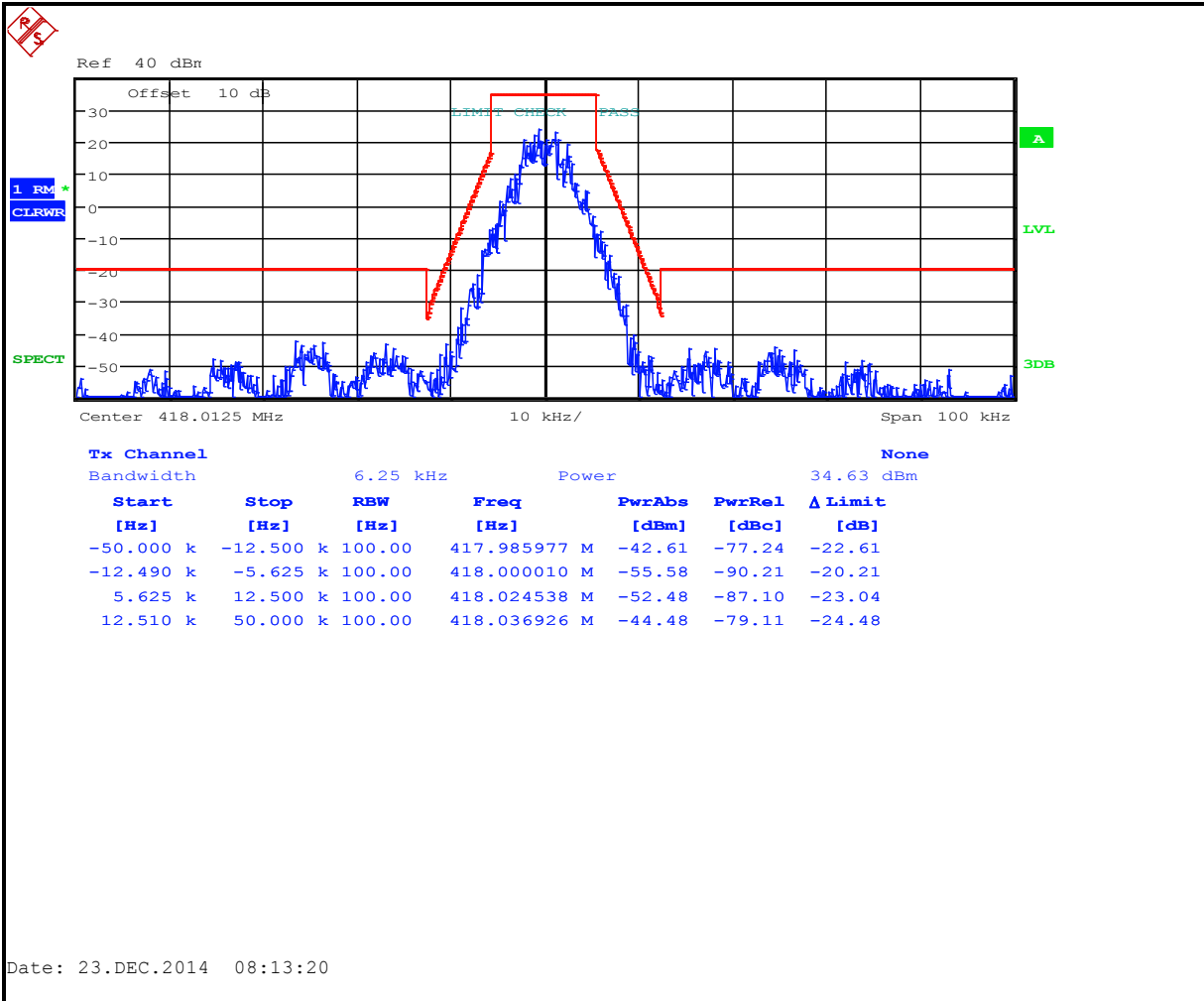
**Plot 8-196: Occupied Bandwidth – 173.9875 MHz; C4FM (Mask D)**



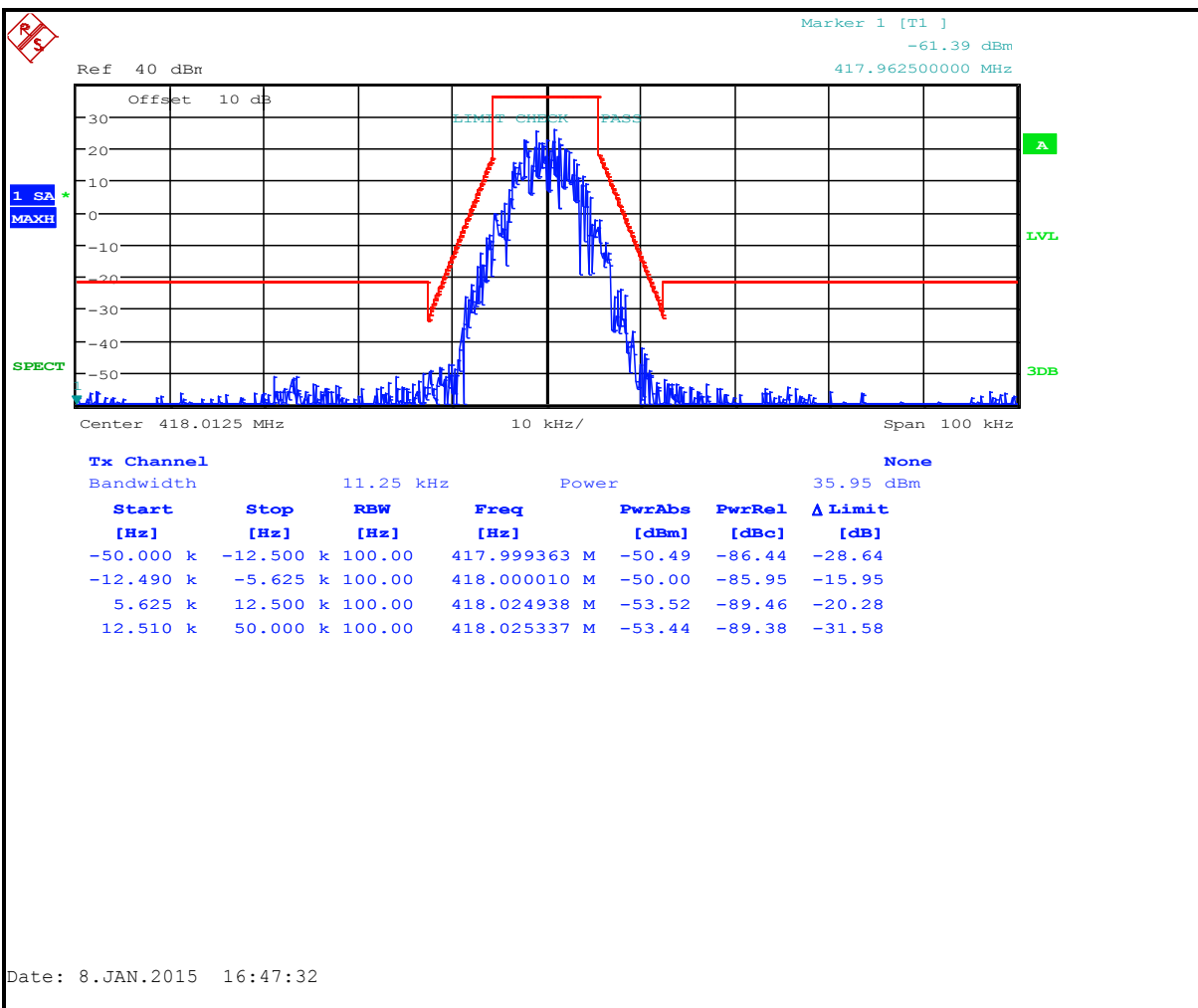
**Plot 8-197: Occupied Bandwidth – 378.0125 MHz; C4FM (Mask D)**



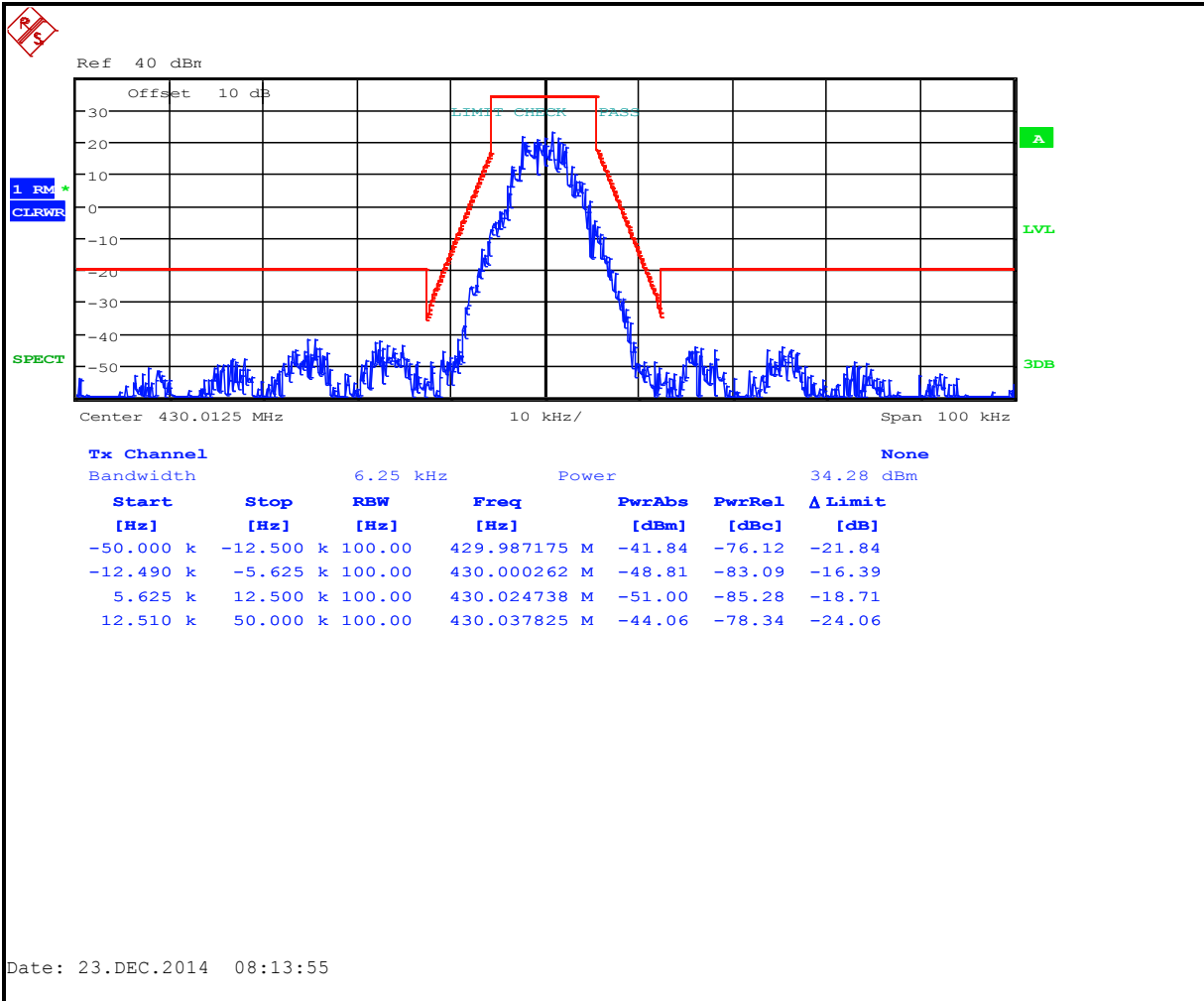
**Plot 8-198: Occupied Bandwidth – 406.1000 MHz; C4FM (Mask D)**



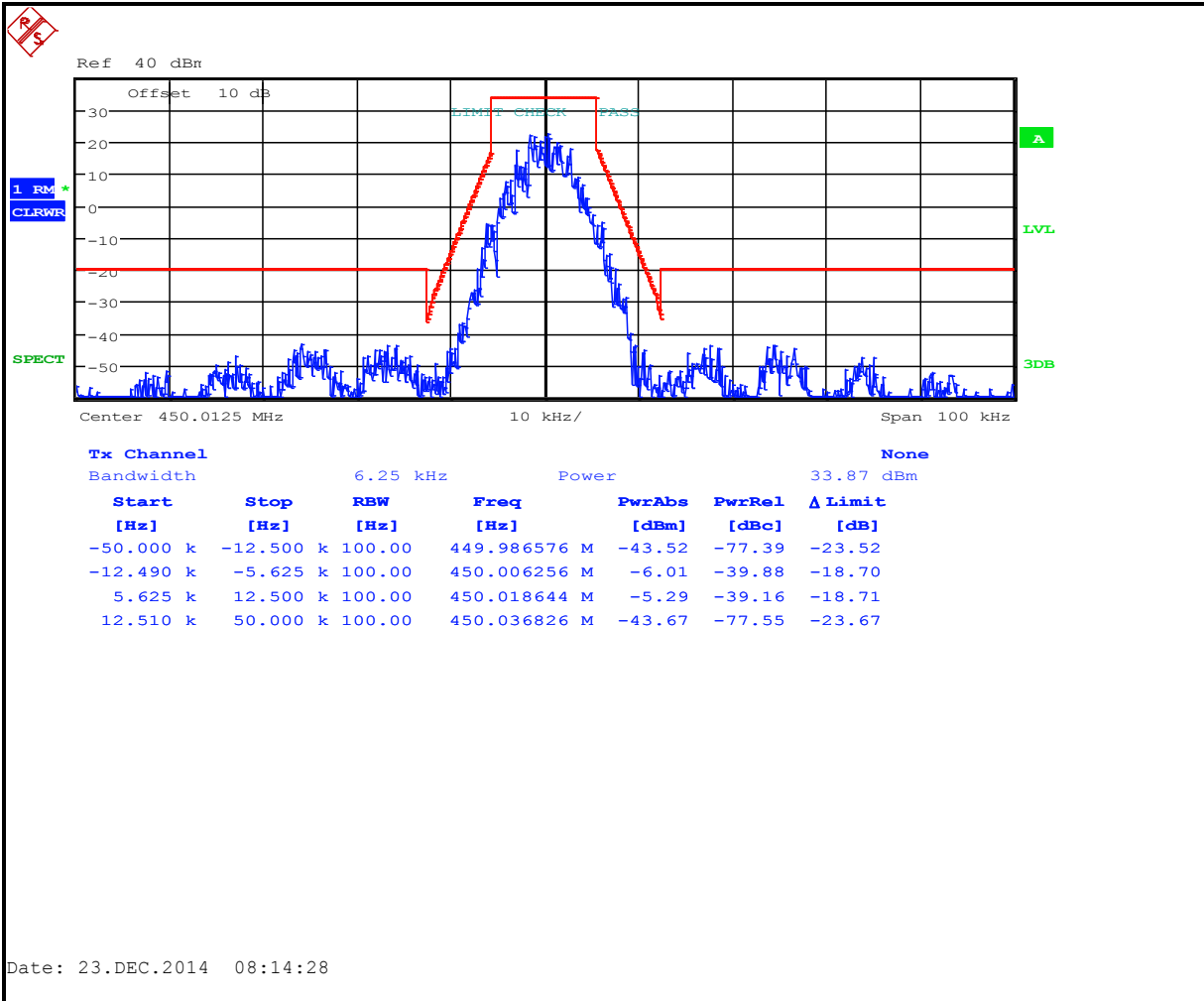
**Plot 8-199: Occupied Bandwidth – 418.0125 MHz; C4FM (Mask D)**



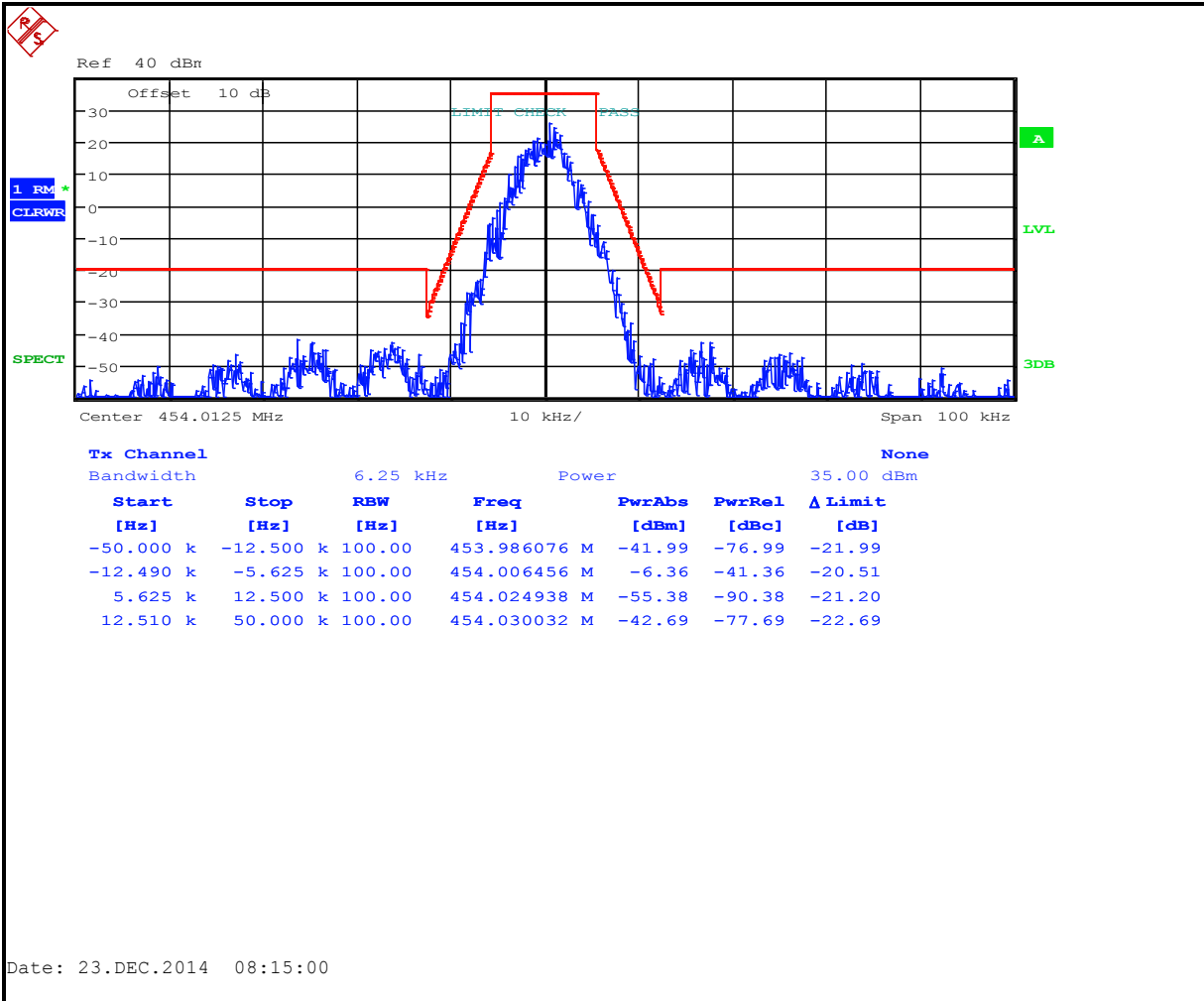
**Plot 8-200: Occupied Bandwidth – 430.0125 MHz; C4FM (Mask D)**



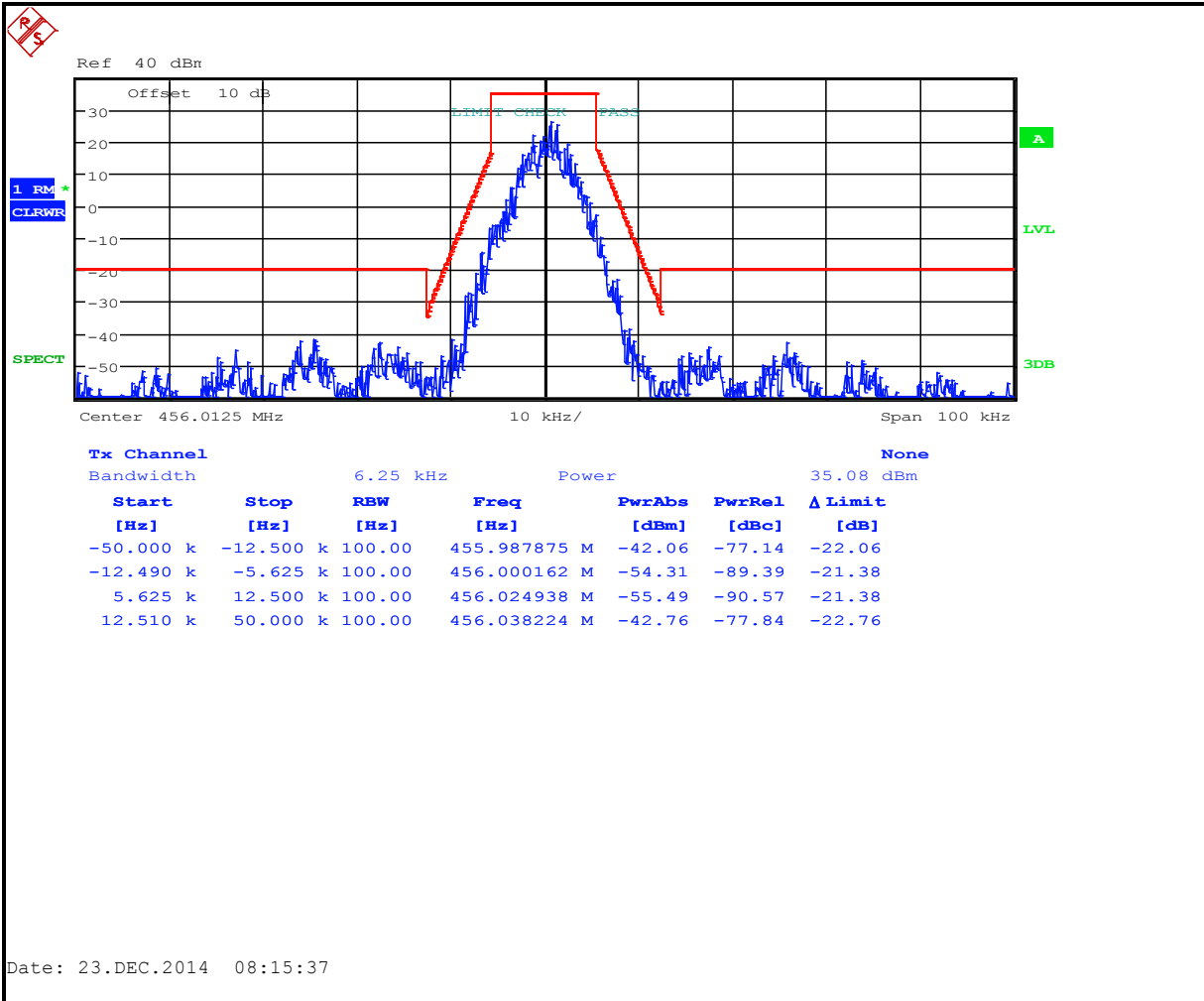
**Plot 8-201: Occupied Bandwidth – 450.0125 MHz; C4FM (Mask D)**



**Plot 8-202: Occupied Bandwidth – 454.0125 MHz; C4FM (Mask D)**



**Plot 8-203: Occupied Bandwidth – 456.0125 MHz; C4FM (Mask D)**



Ref 40 dBm

Offset 10 dB

LIMIT CHECK PASS

1 RM  
CLRWR

SPECT

LVL

3DB

Center 459.025 MHz

10 kHz/

Span 100 kHz

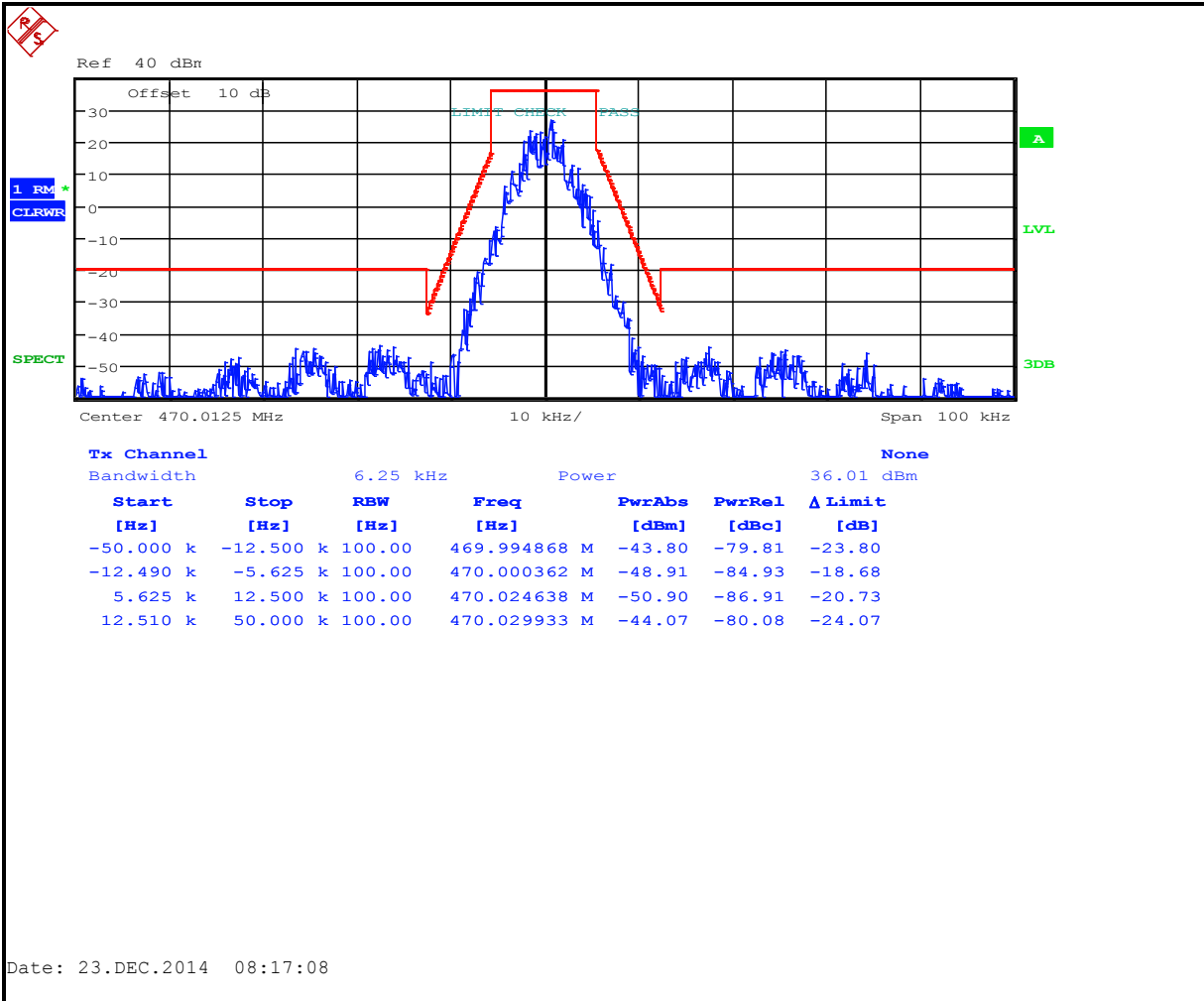
Tx Channel

Bandwidth 6.25 kHz

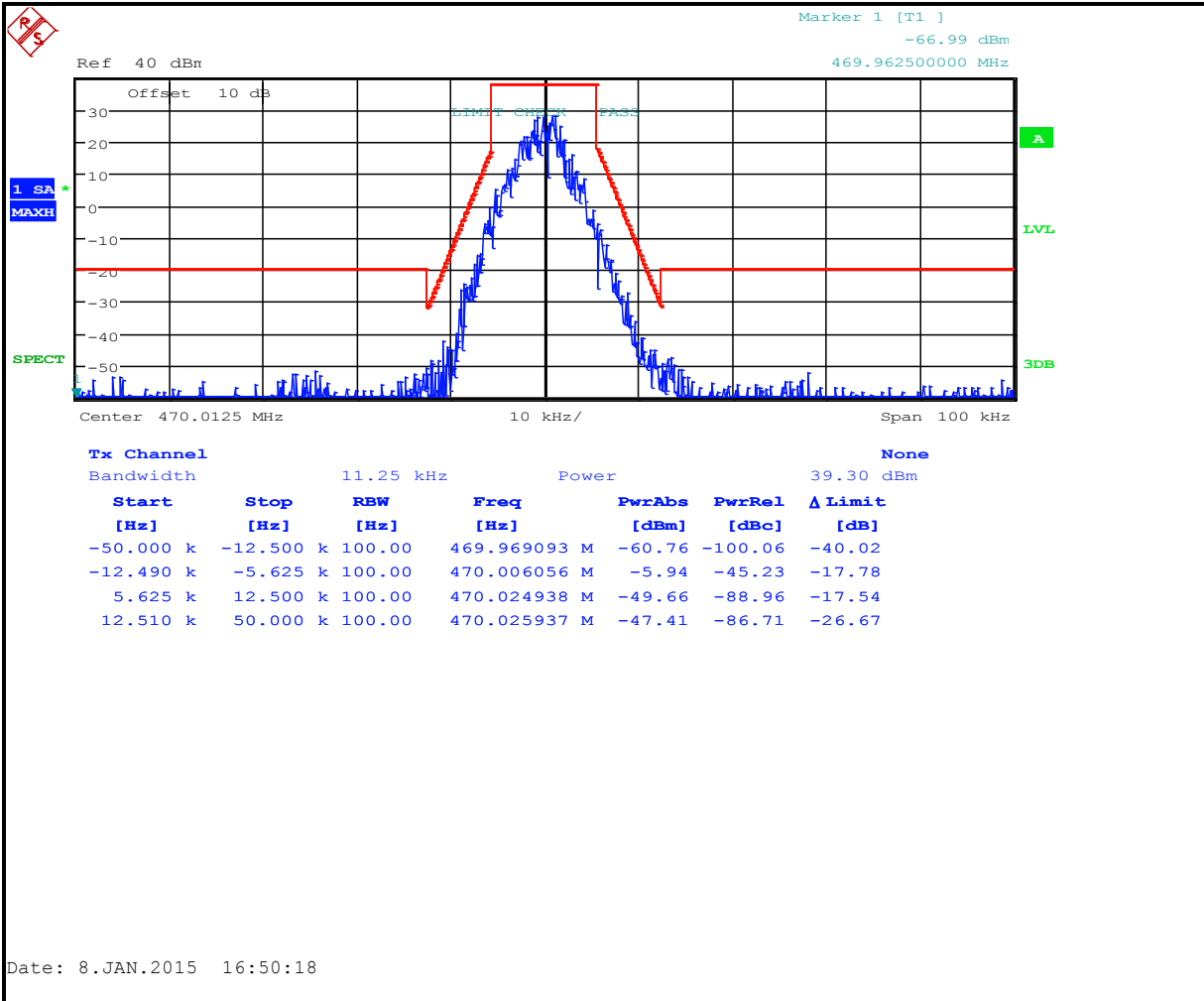
Power 34.69 dBm

| Start [Hz] | Stop [Hz] | RBW [Hz] | Freq [Hz]    | PwrAbs [dBm] | PwrRel [dBc] | Δ Limit [dB] |
|------------|-----------|----------|--------------|--------------|--------------|--------------|
| -50.000 k  | -12.500 k | 100.00   | 459.008766 M | -39.64       | -74.33       | -19.64       |
| -12.490 k  | -5.625 k  | 100.00   | 459.012562 M | -54.63       | -89.32       | -20.01       |
| 5.625 k    | 12.500 k  | 100.00   | 459.037438 M | -53.13       | -87.83       | -18.65       |
| 12.510 k   | 50.000 k  | 100.00   | 459.050724 M | -41.85       | -76.54       | -21.85       |

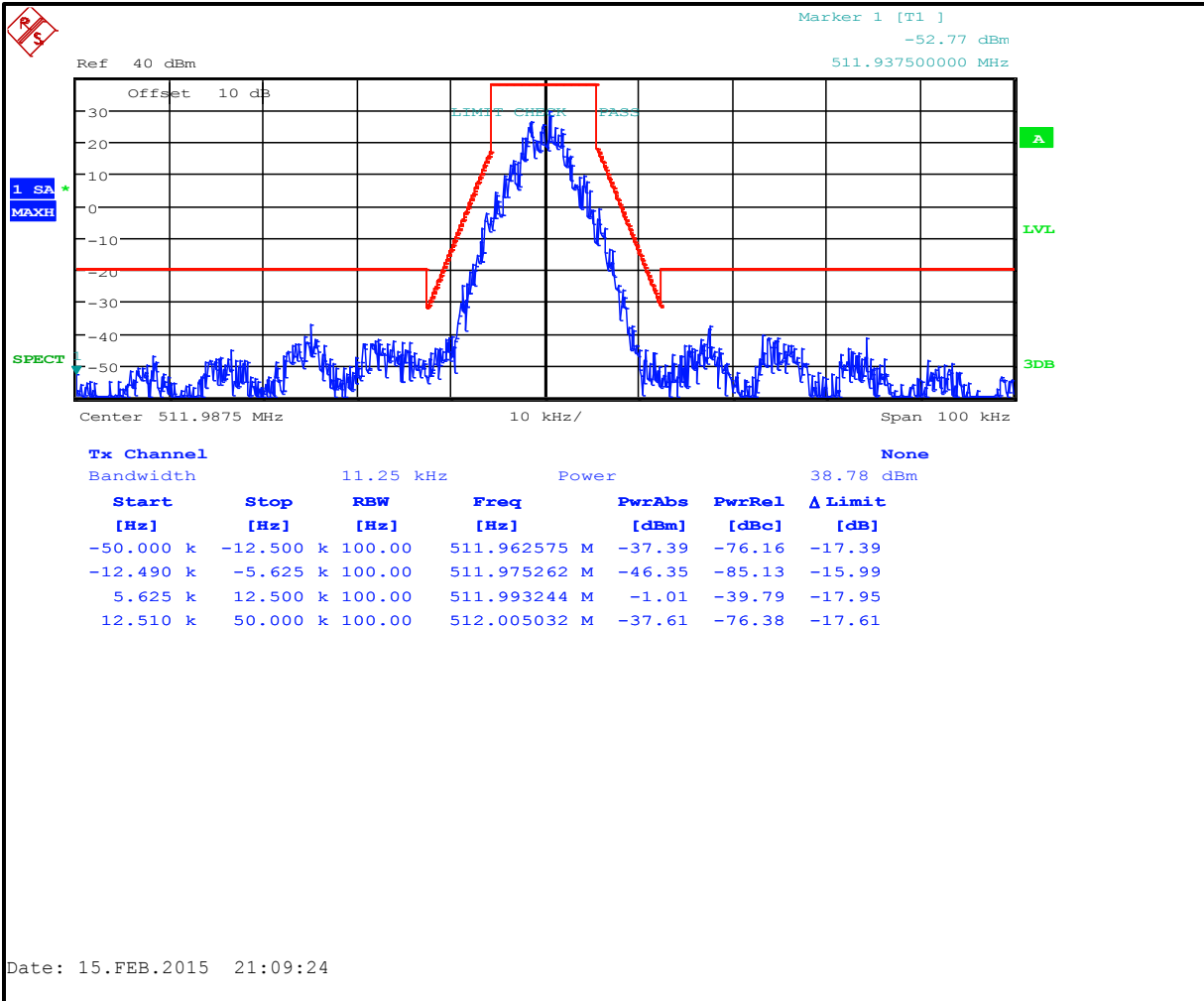
**Plot 8-205: Occupied Bandwidth – 459.9750 MHz; C4FM (Mask D)**



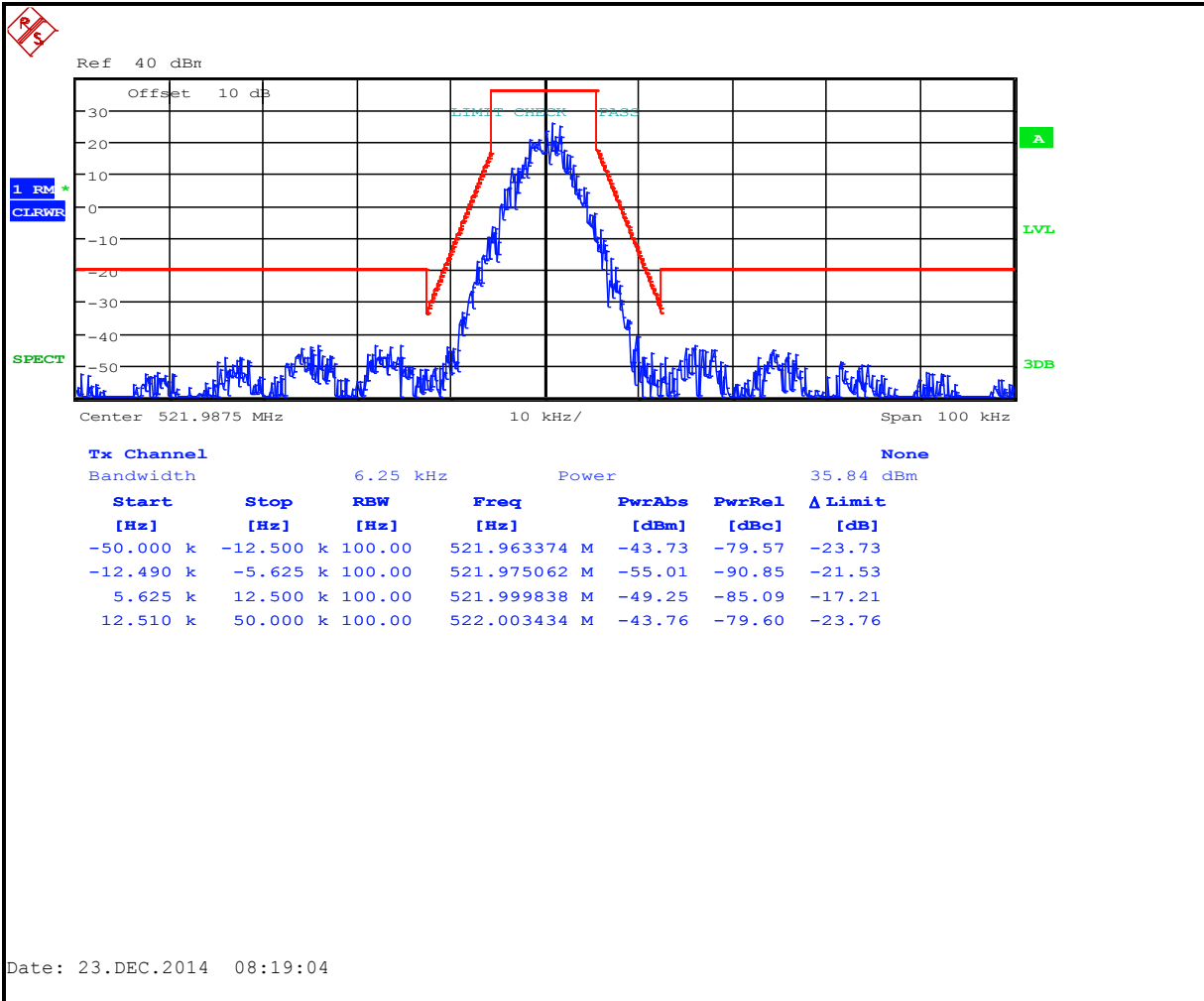
**Plot 8-206: Occupied Bandwidth – 470.0125 MHz; C4FM (Mask D)**



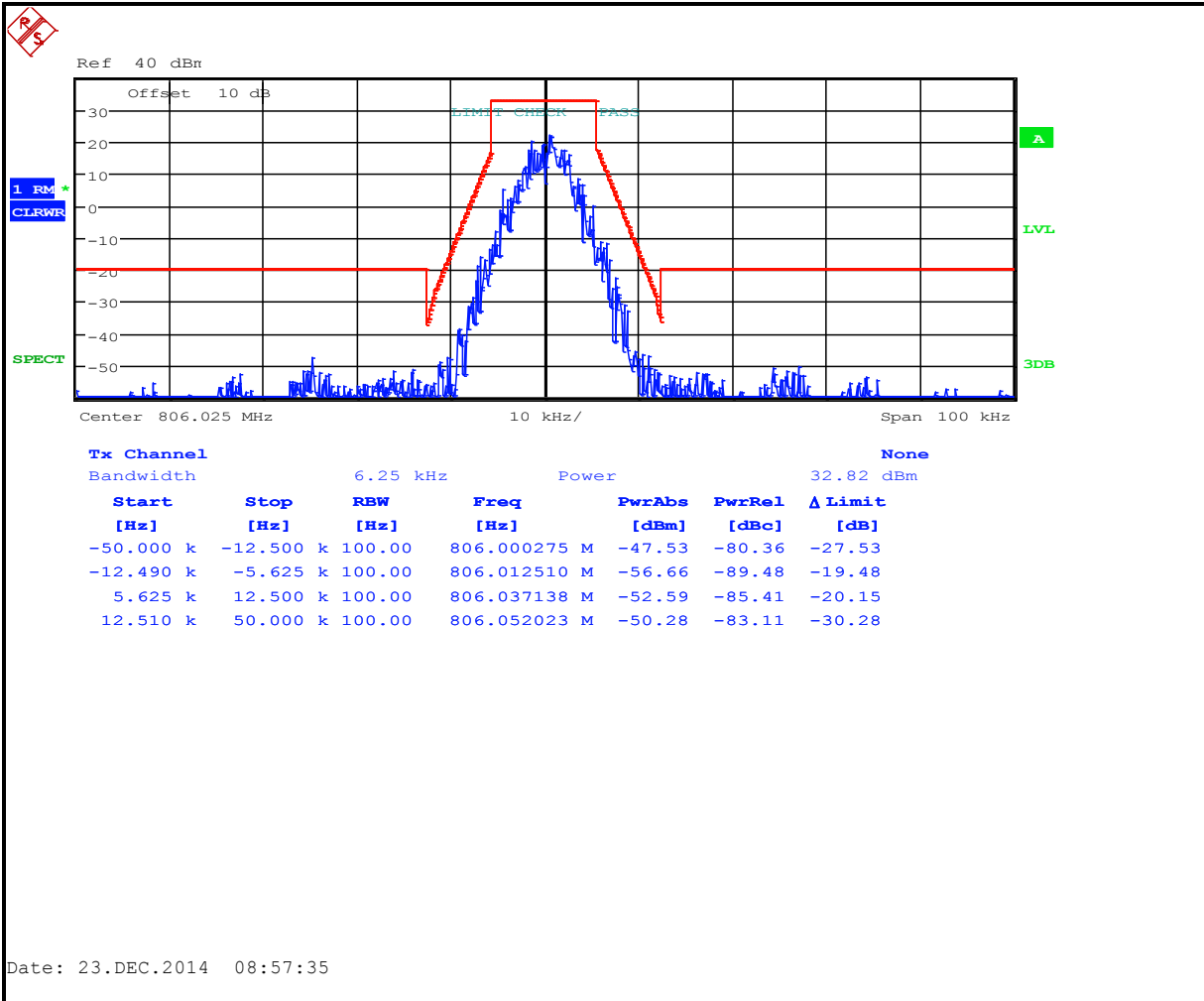
**Plot 8-207: Occupied Bandwidth – 511.9875 MHz; C4FM (Mask D)**



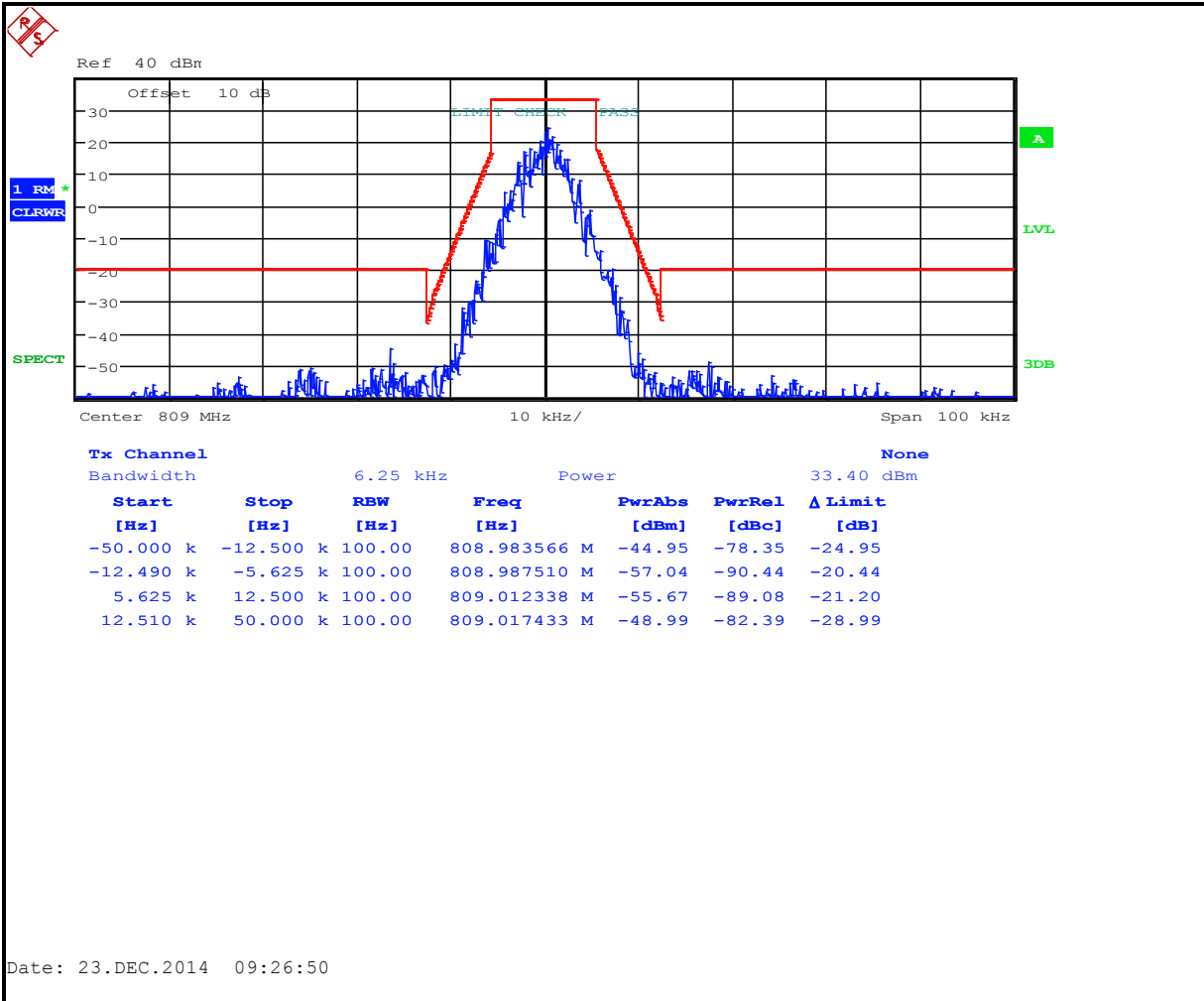
**Plot 8-208: Occupied Bandwidth – 521.9875 MHz; C4FM (Mask D)**



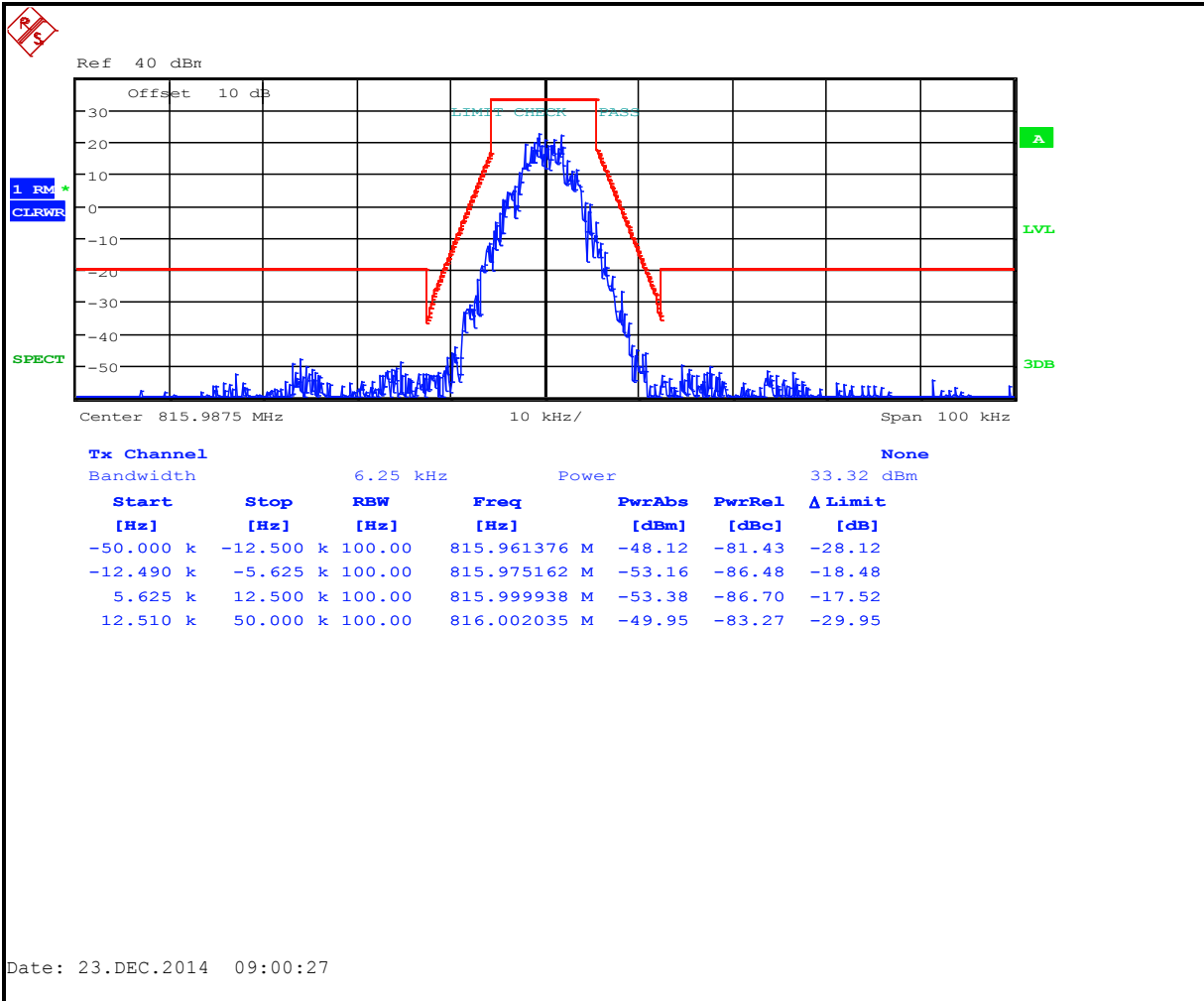
**Plot 8-209: Occupied Bandwidth – 806.025 MHz; C4FM (Mask D)**



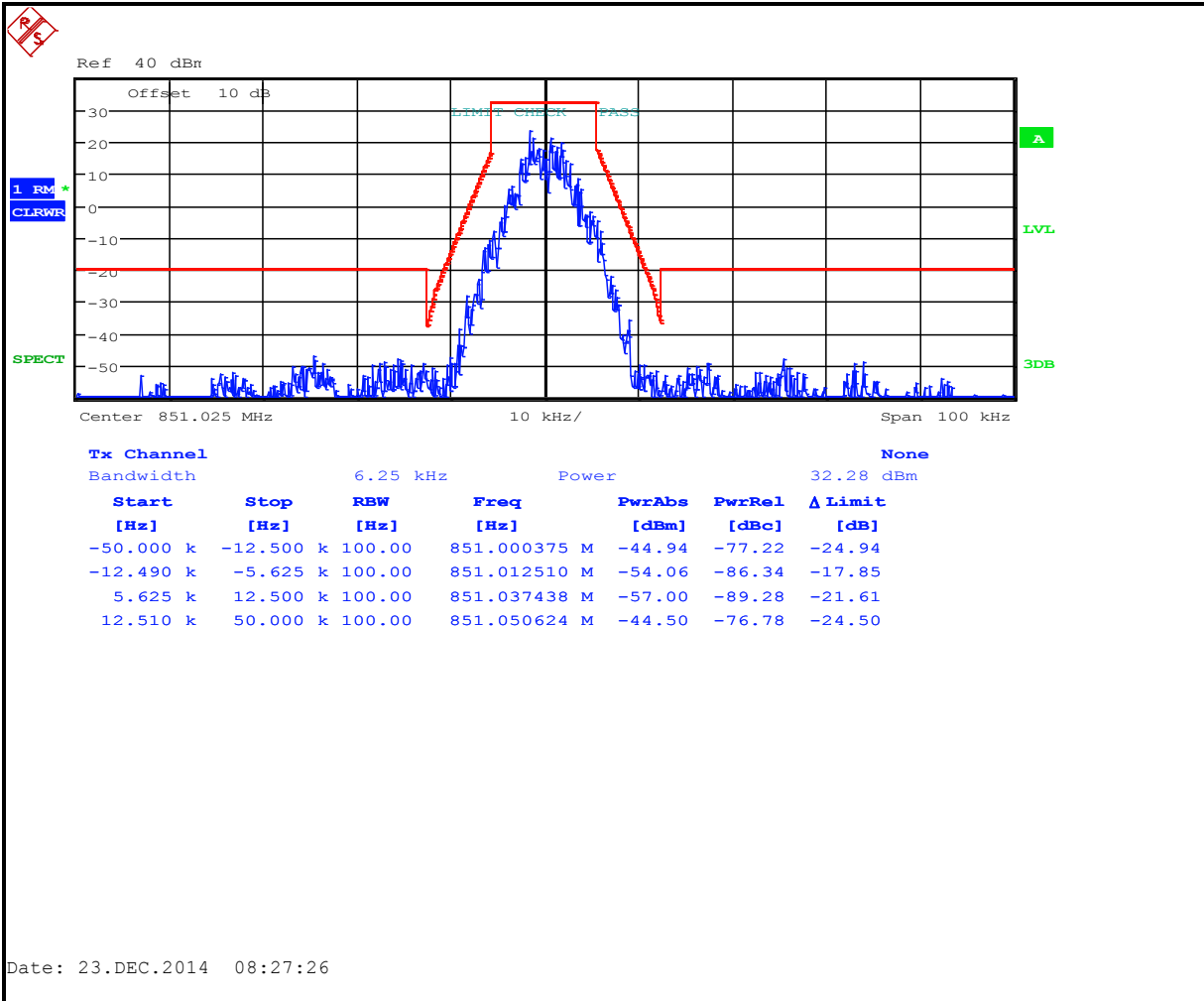
**Plot 8-210: Occupied Bandwidth – 809.0000 MHz; C4FM (Mask D)**



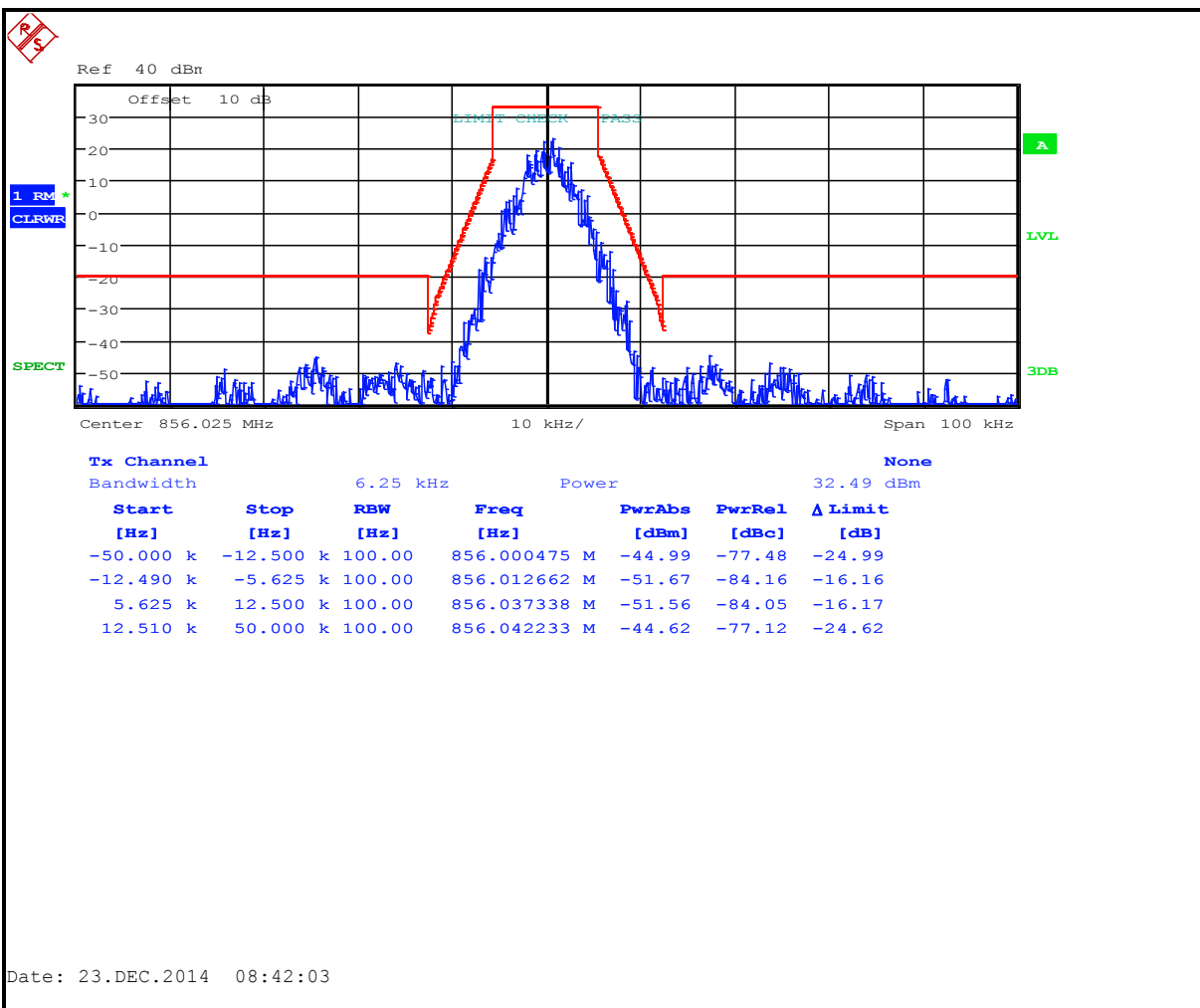
**Plot 8-211: Occupied Bandwidth – 815.9875 MHz; C4FM (Mask D)**



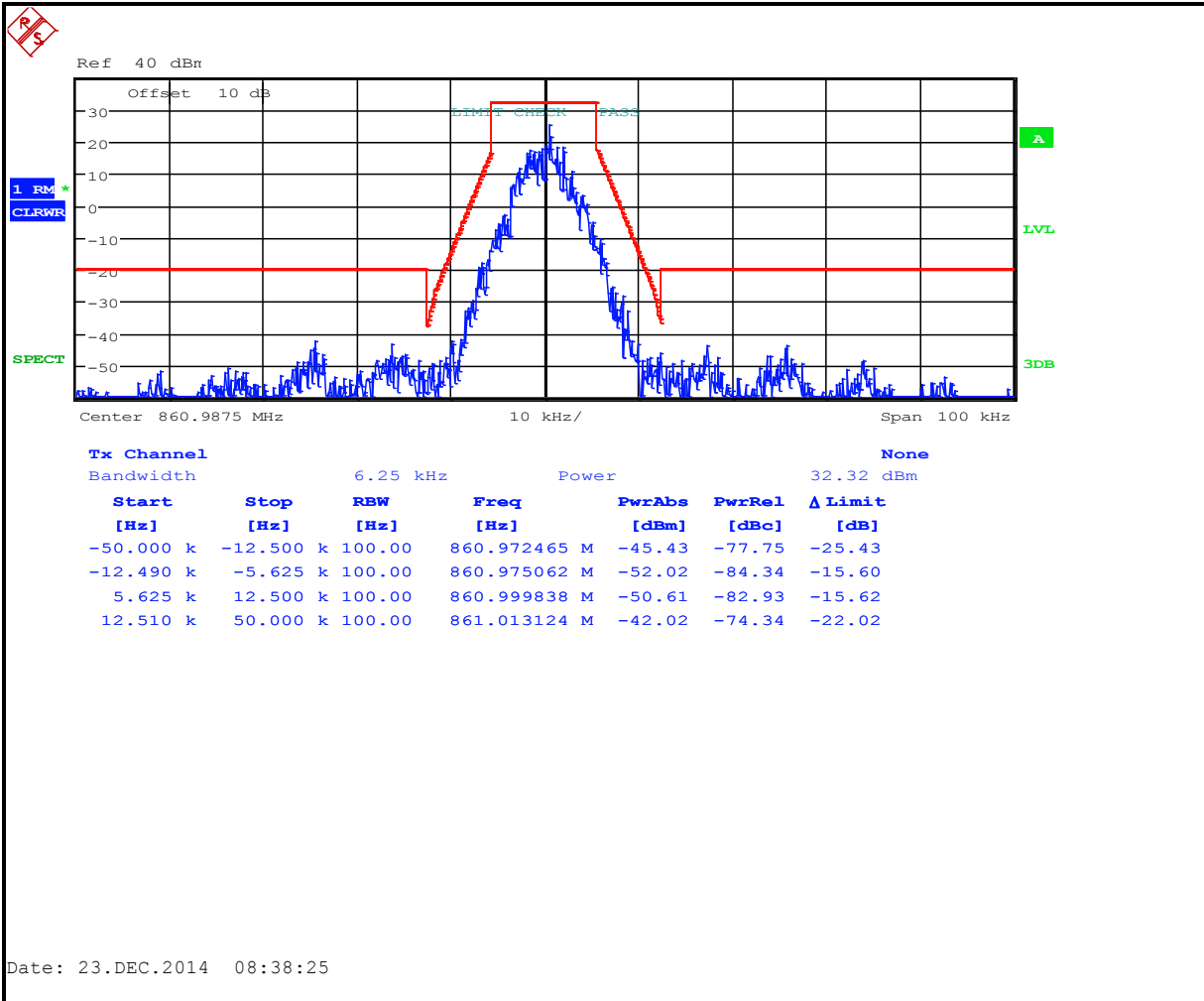
**Plot 8-212: Occupied Bandwidth – 851.0250 MHz; C4FM (Mask D)**



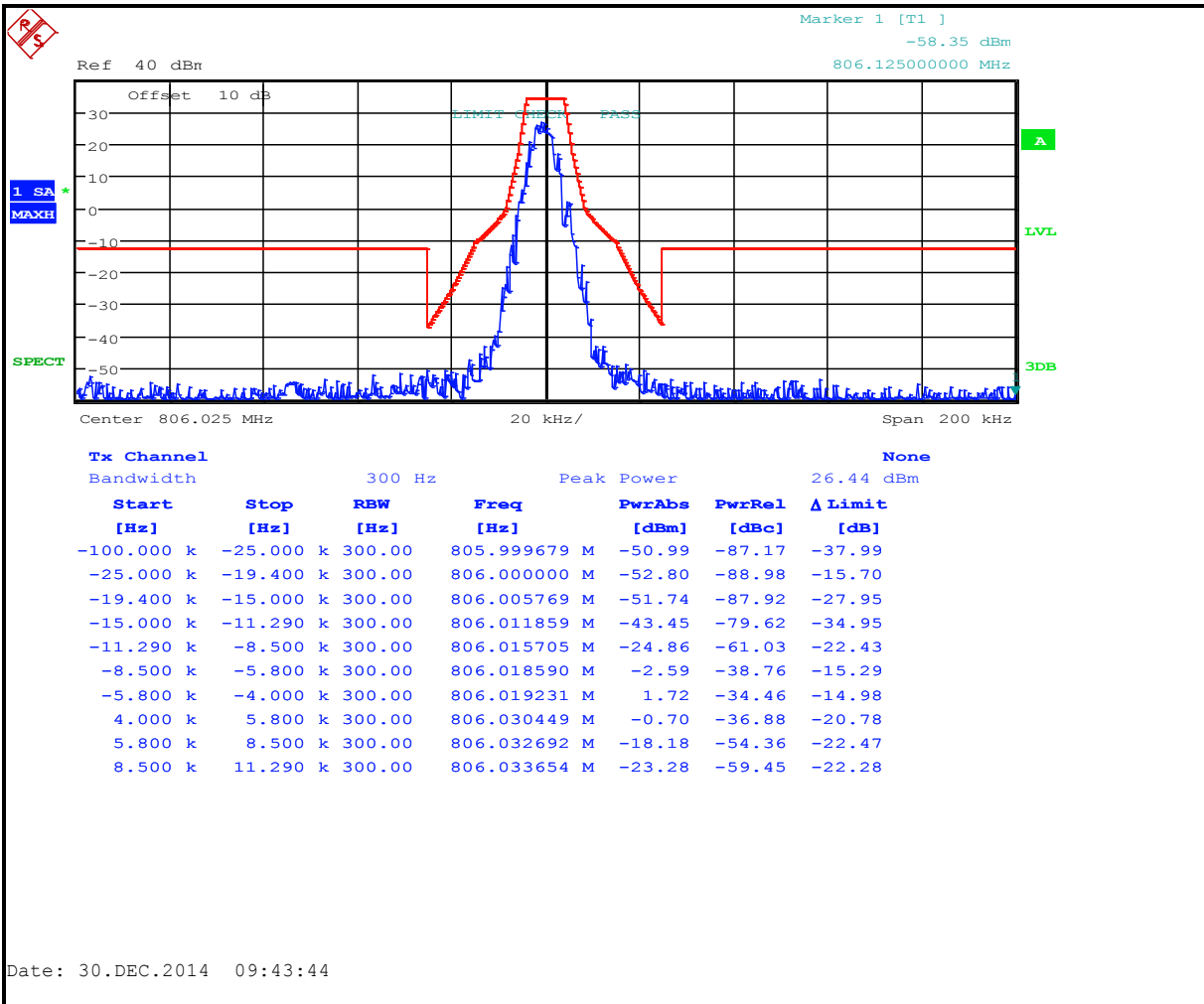
**Plot 8-213: Occupied Bandwidth – 856.0250 MHz; C4FM (Mask D)**



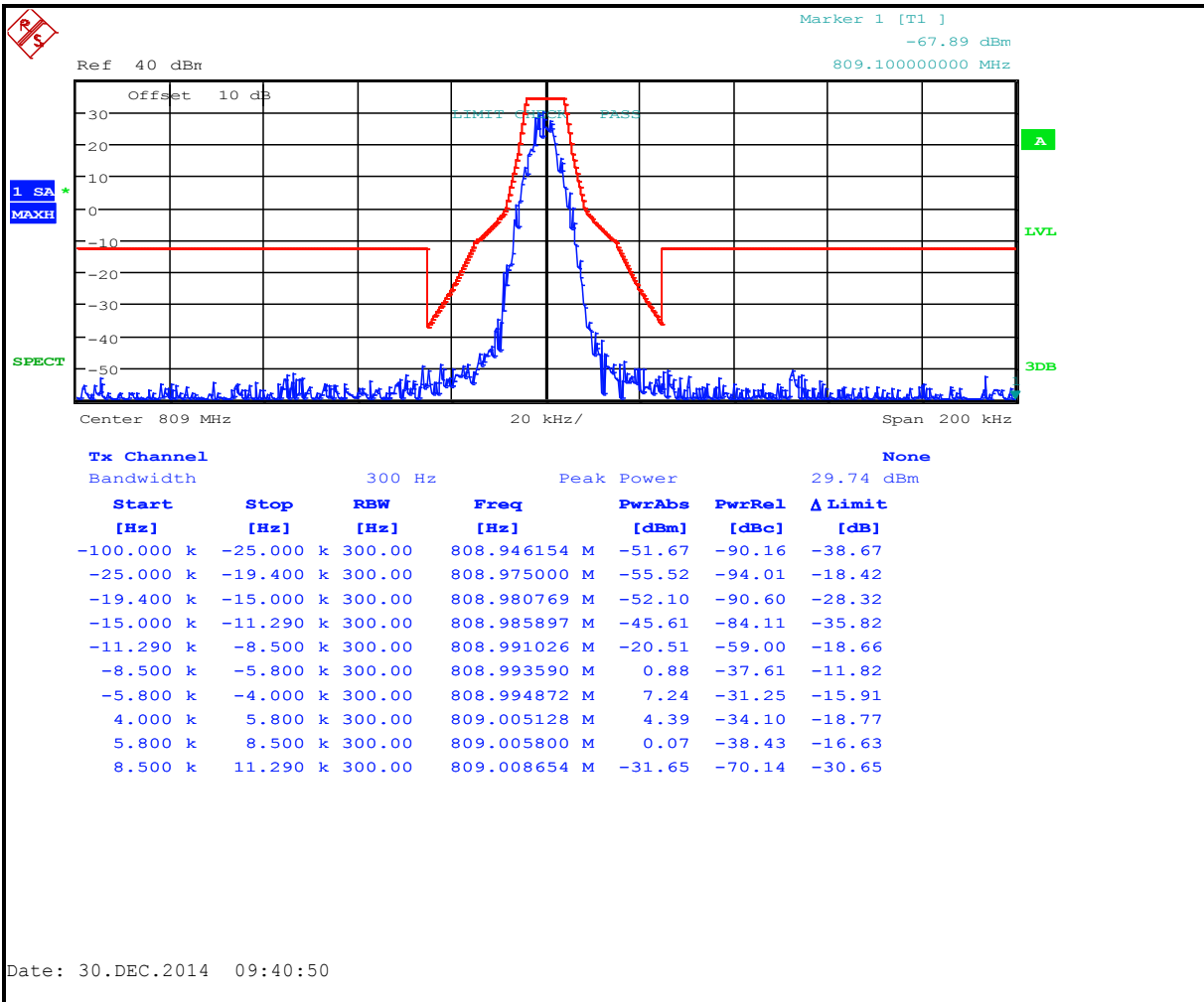
**Plot 8-214: Occupied Bandwidth – 860.9875 MHz; C4FM (Mask D)**



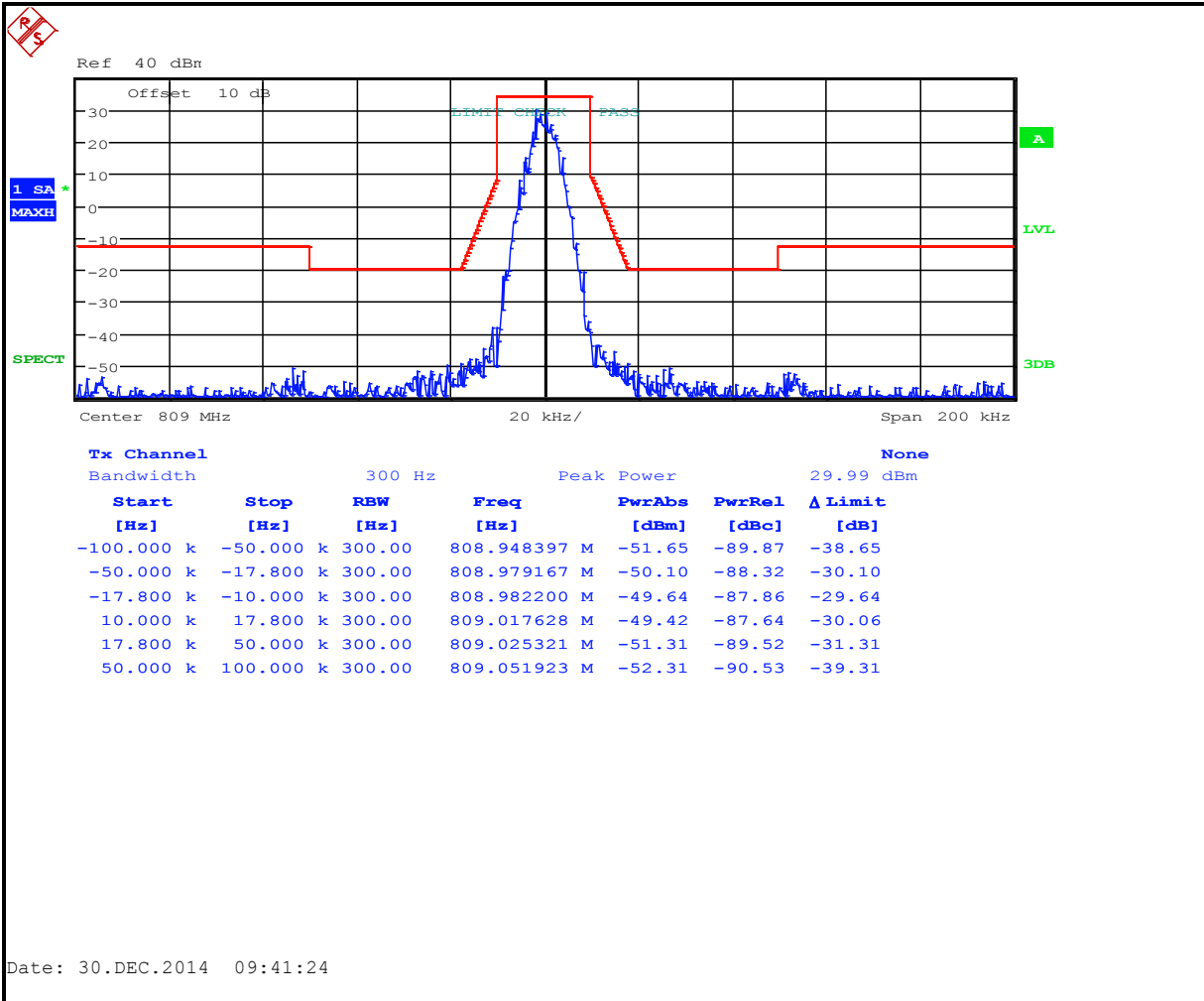
**Plot 8-215: Occupied Bandwidth – 806.0250 MHz; C4FM (Mask H)**



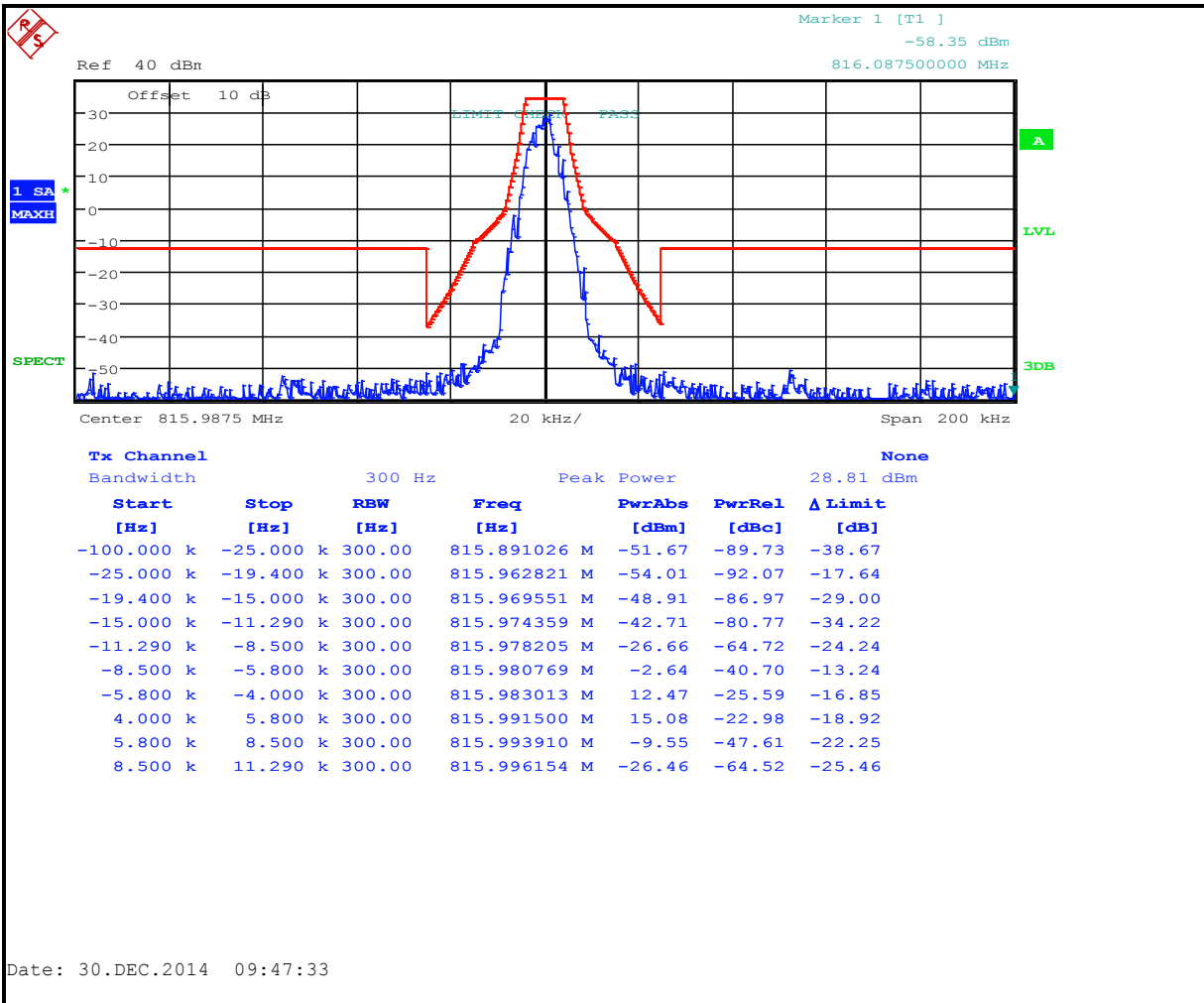
**Plot 8-216: Occupied Bandwidth – 809.0000 MHz; C4FM (Mask H)**



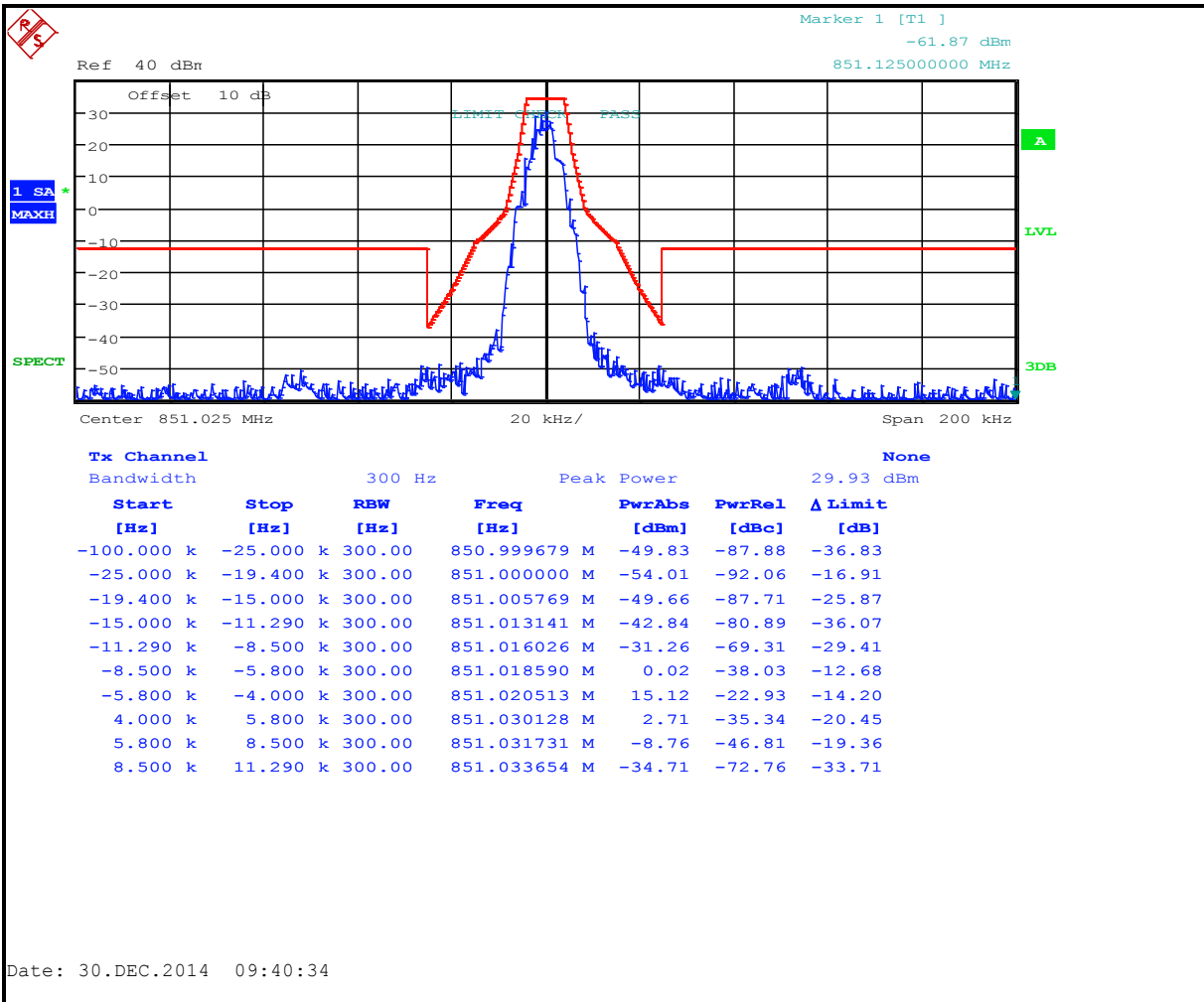
**Plot 8-217: Occupied Bandwidth – 809.0000 MHz; C4FM (Mask G)**



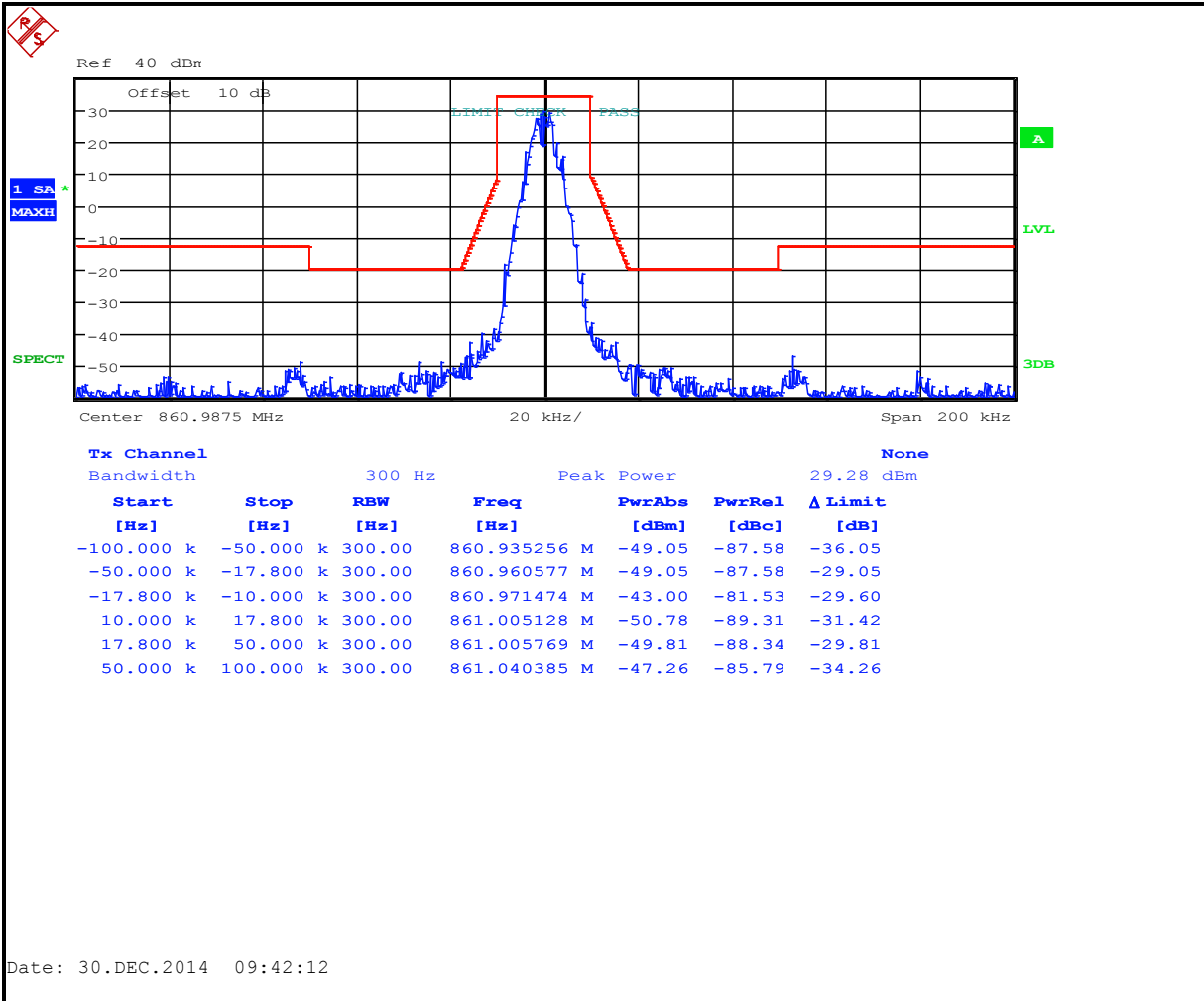
**Plot 8-218: Occupied Bandwidth – 815.9875 MHz; C4FM (Mask G)**



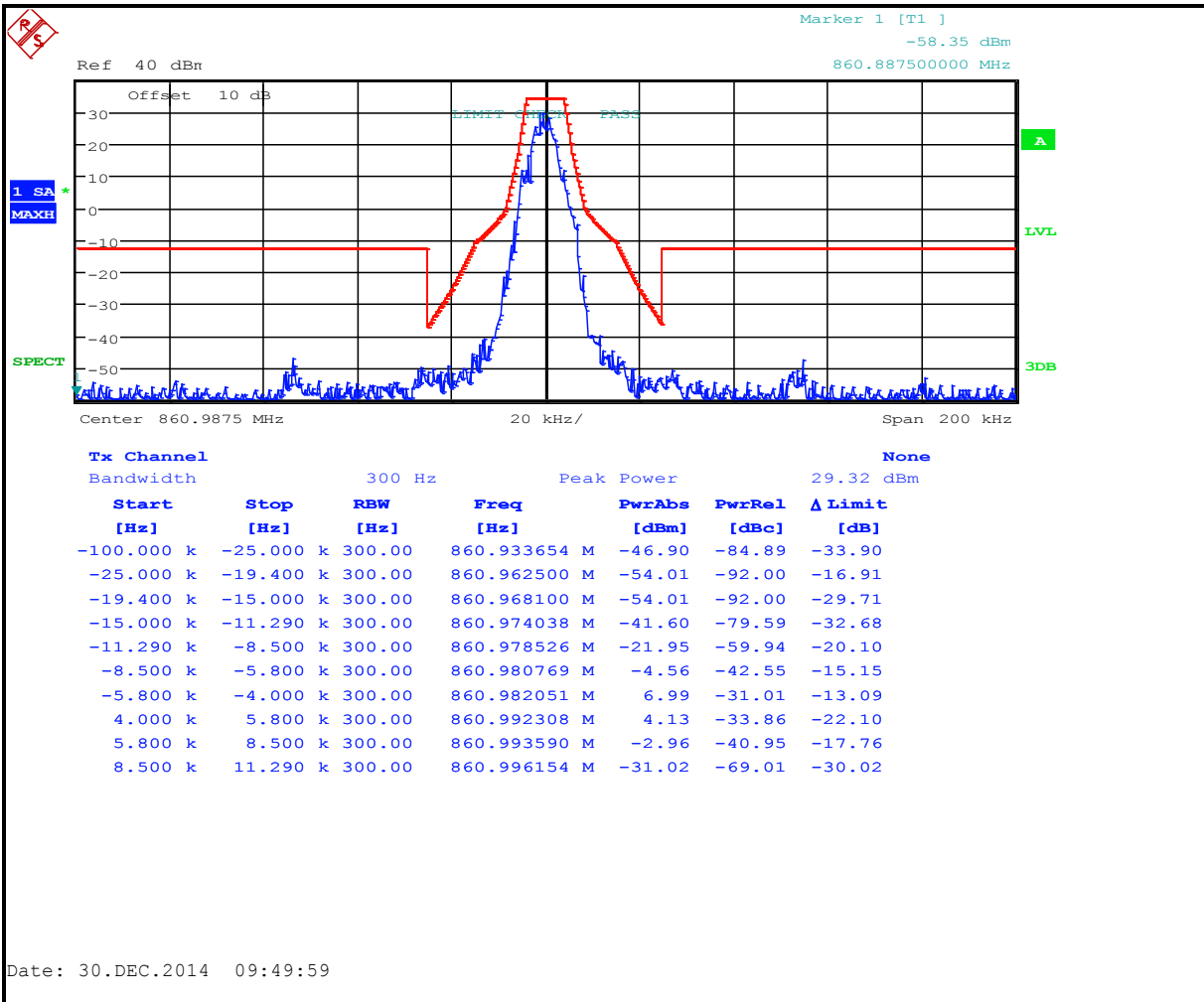
**Plot 8-219: Occupied Bandwidth – 851.0250 MHz; C4FM (Mask H)**



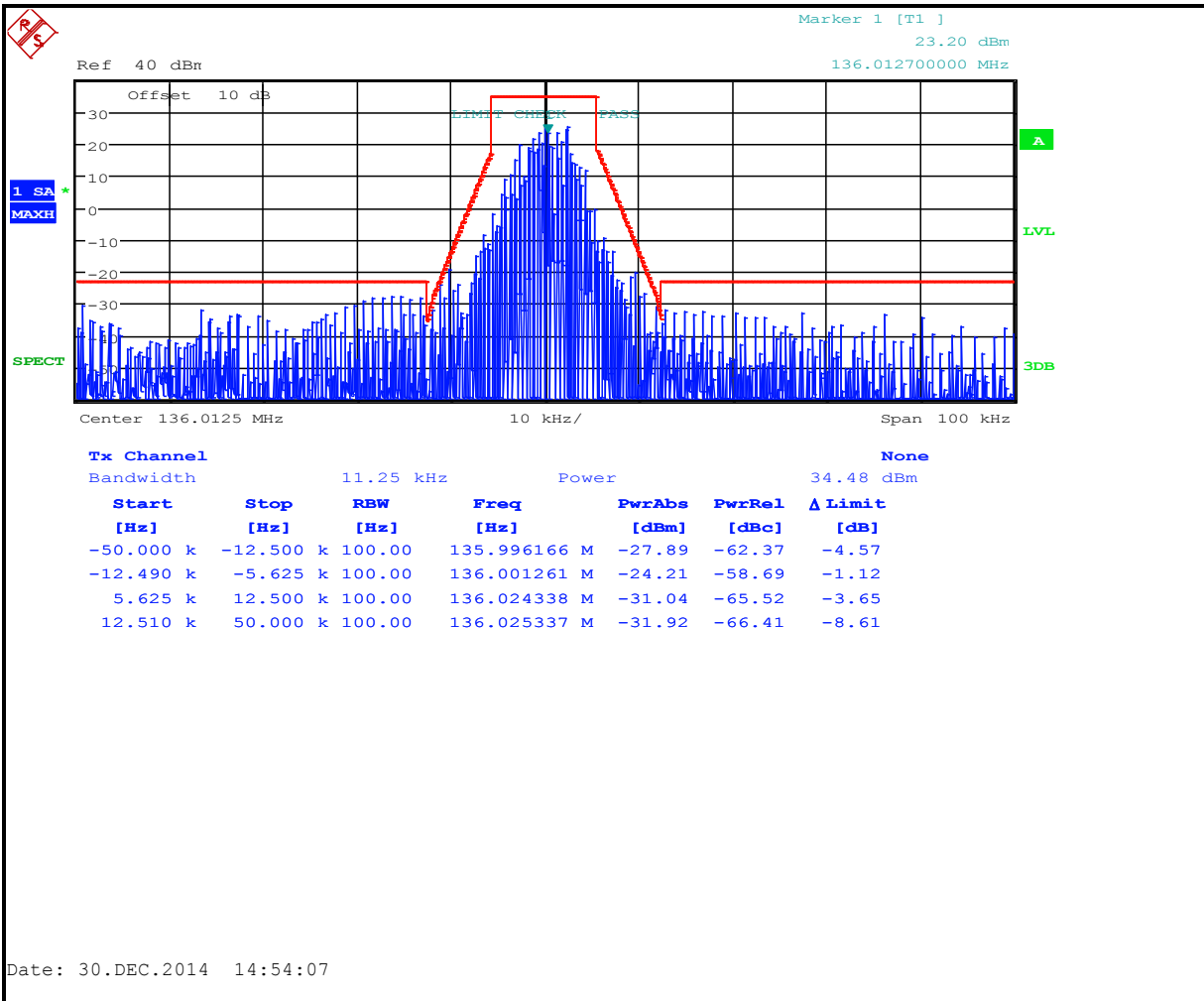
**Plot 8-220: Occupied Bandwidth – 856.0250 MHz; C4FM (Mask G)**



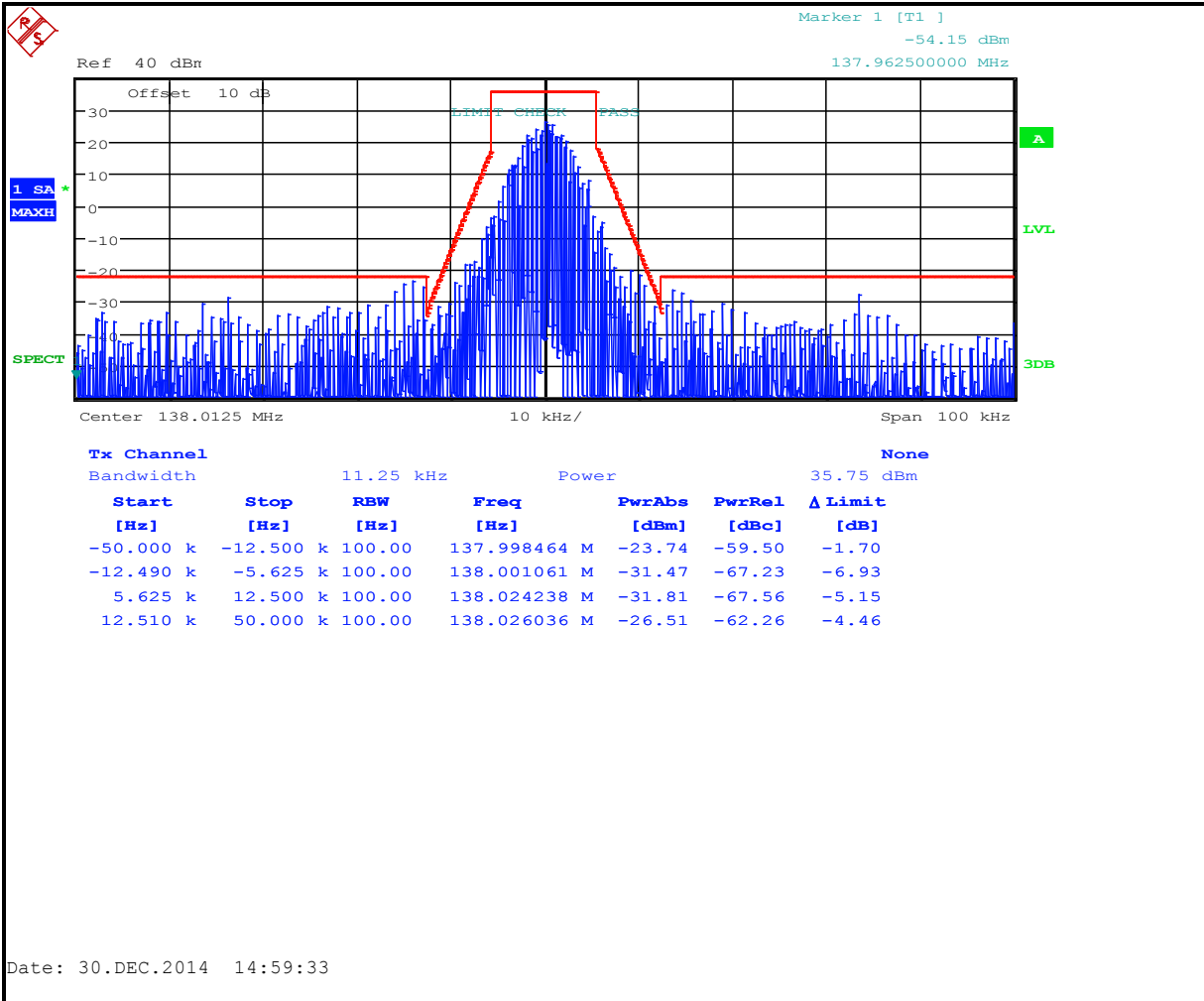
**Plot 8-221: Occupied Bandwidth – 860.9875 MHz; C4FM (Mask G)**



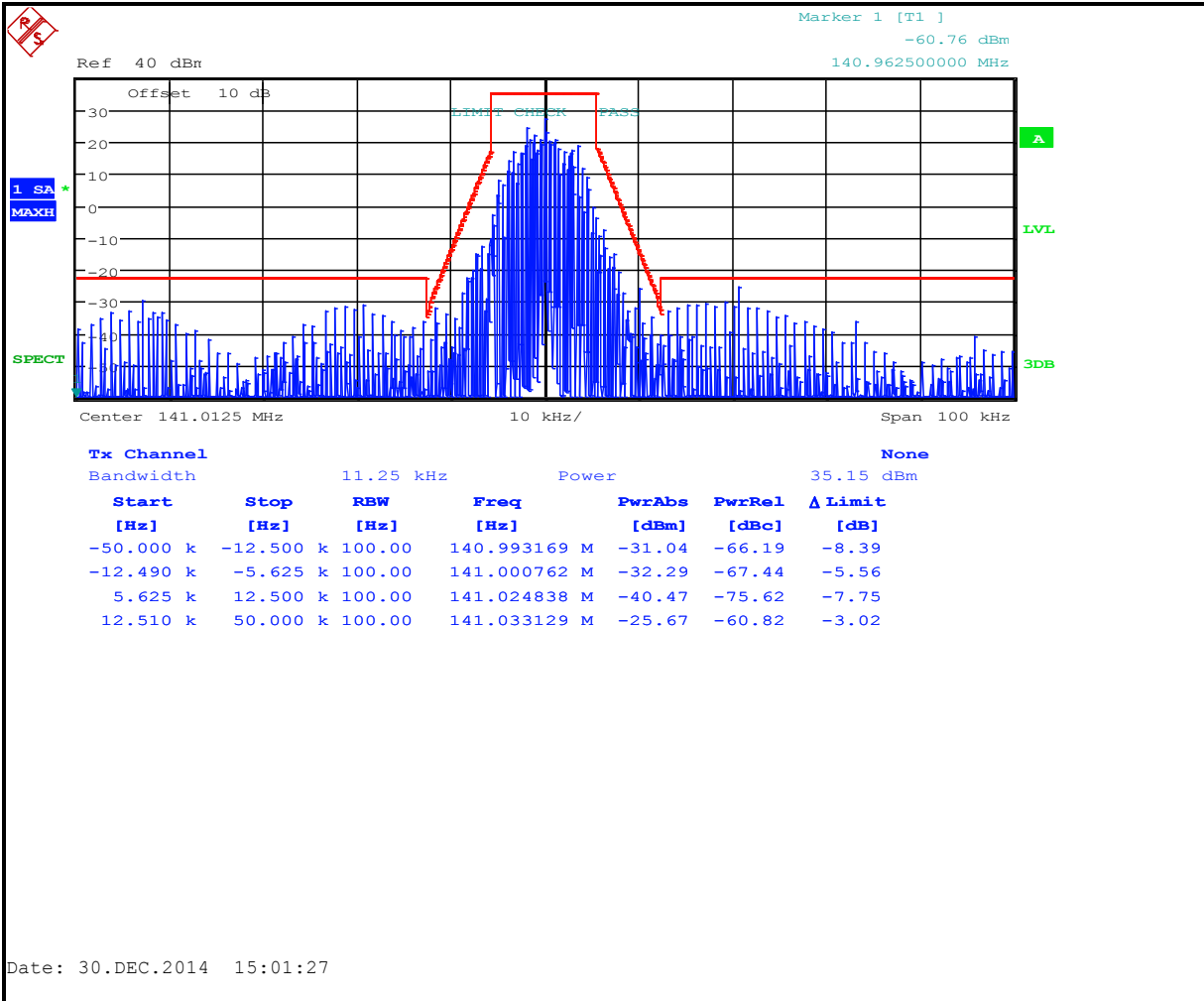
**Plot 8-222: Occupied Bandwidth – 136.0125 MHz; C4FM Phase 2 (Mask D)**



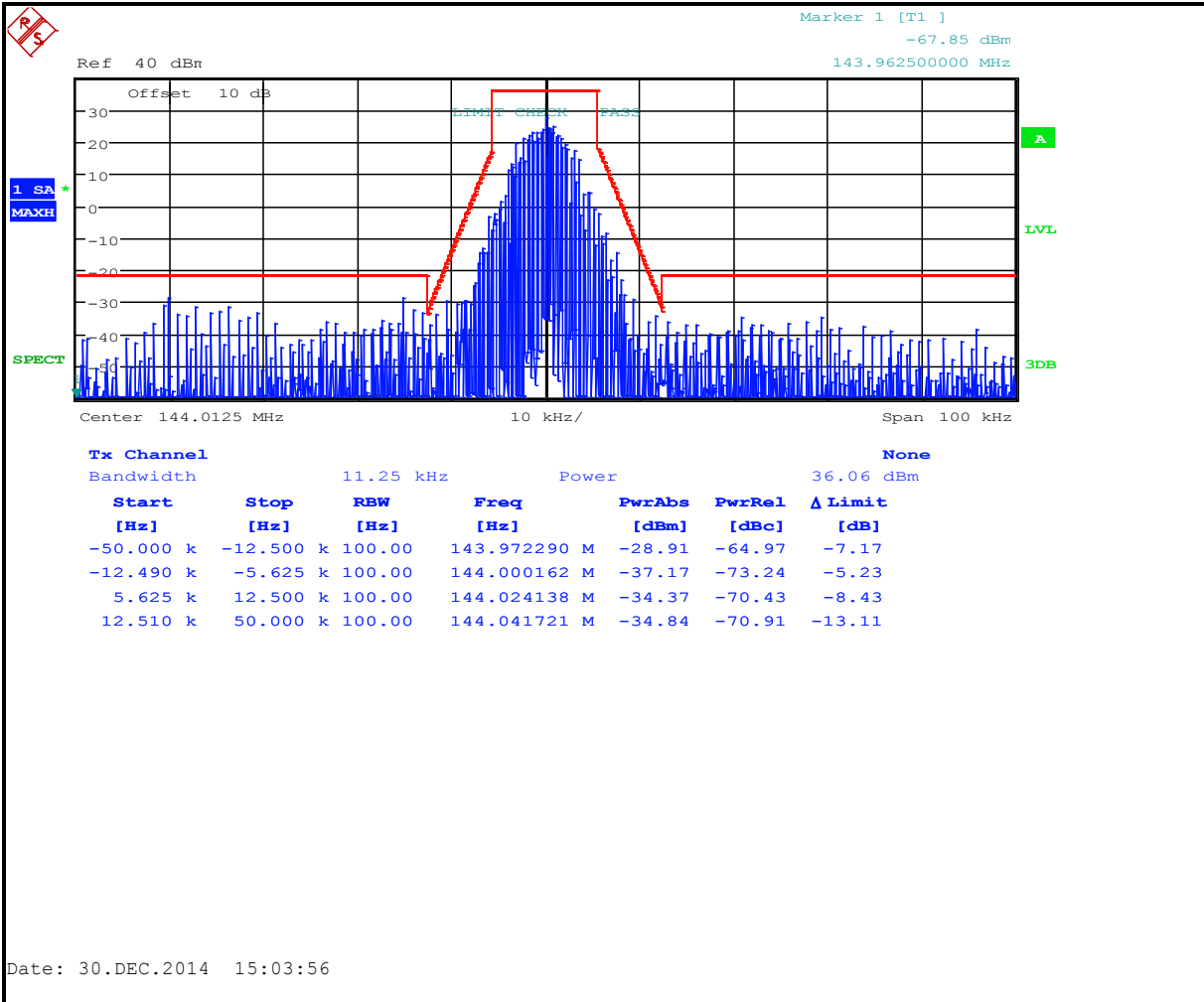
**Plot 8-223: Occupied Bandwidth – 138.0125 MHz; C4FM Phase 2 (Mask D)**



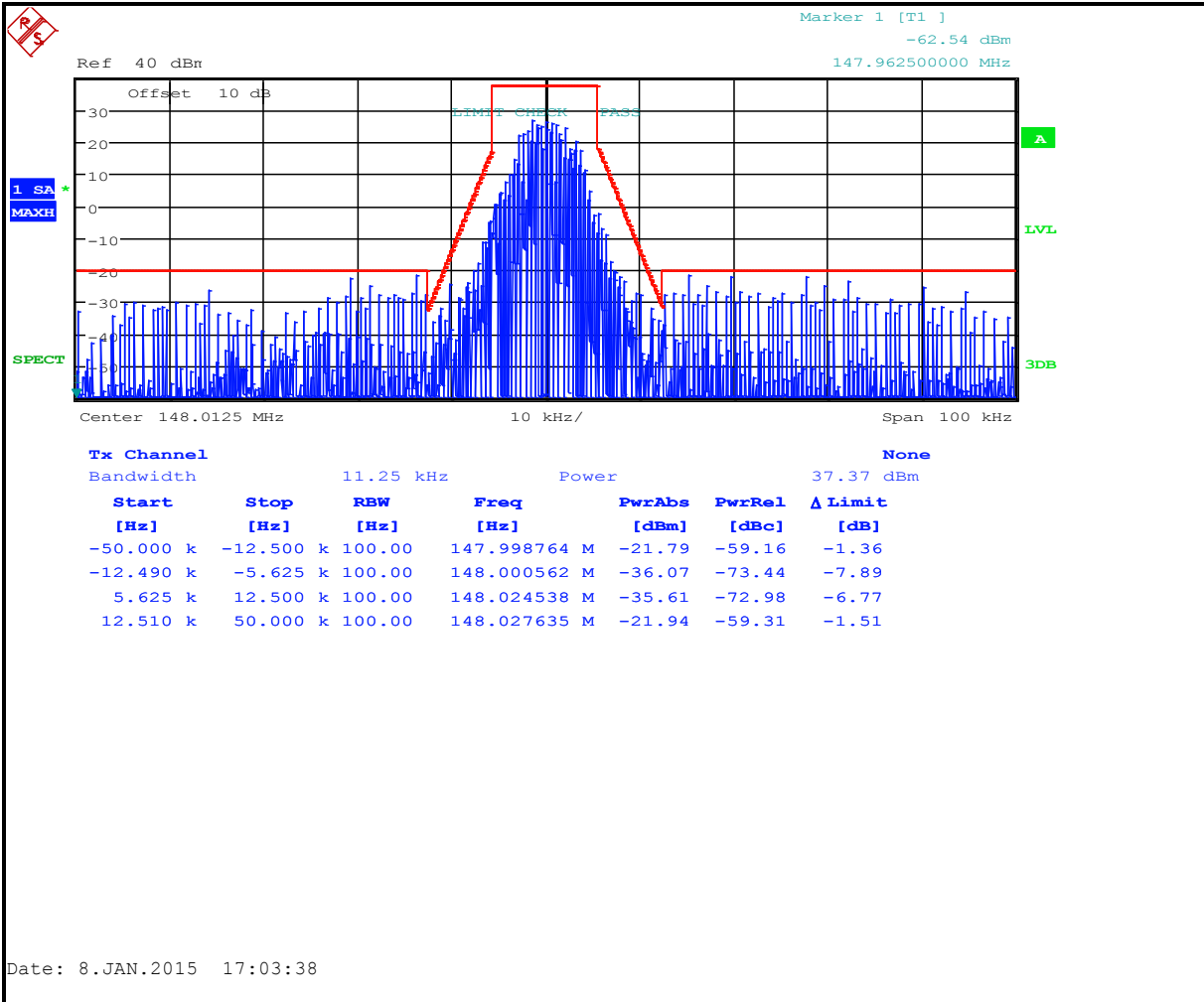
**Plot 8-224: Occupied Bandwidth – 141.0125 MHz; C4FM Phase 2 (Mask D)**



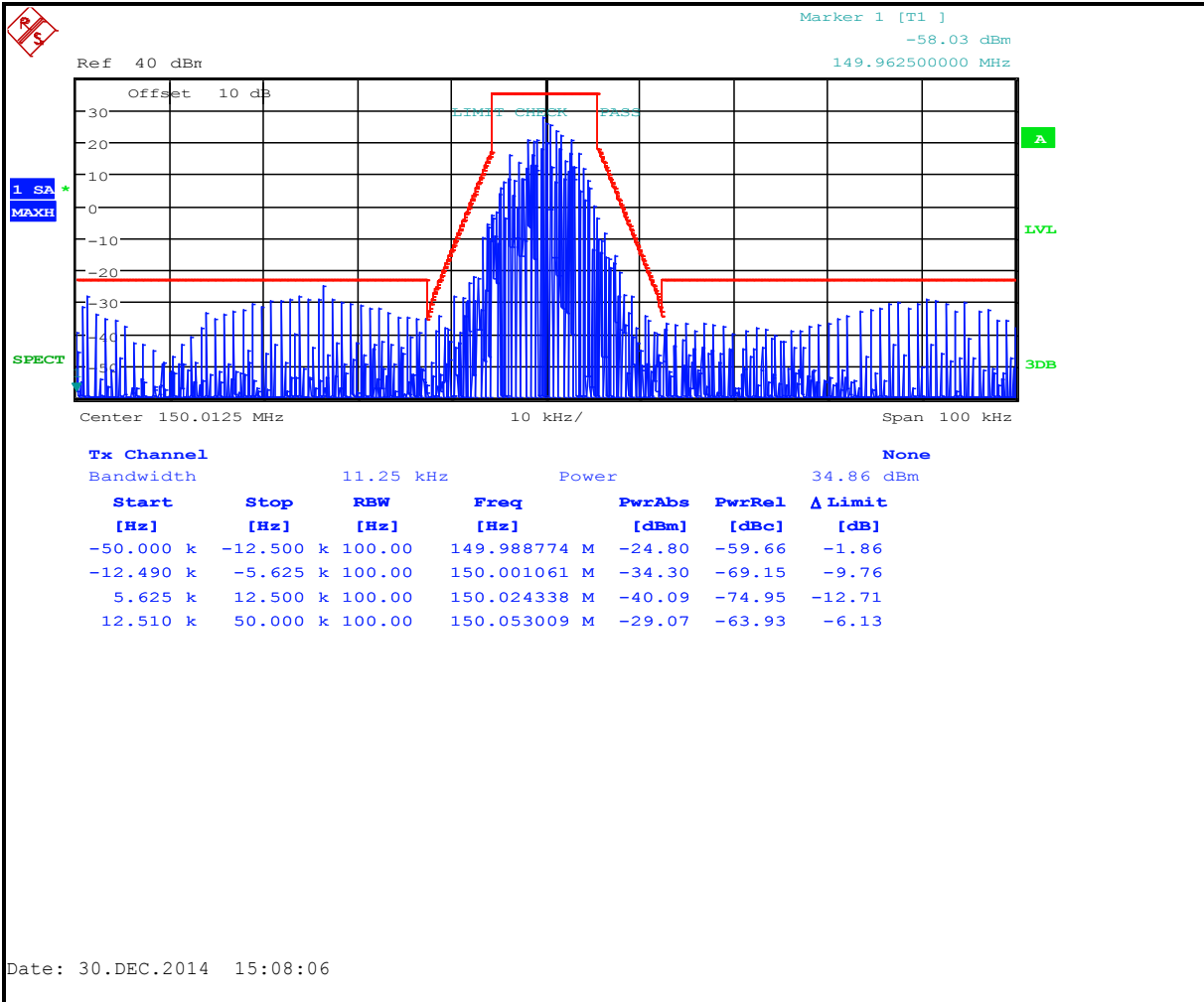
**Plot 8-225: Occupied Bandwidth – 144.0125 MHz; C4FM Phase 2 (Mask D)**



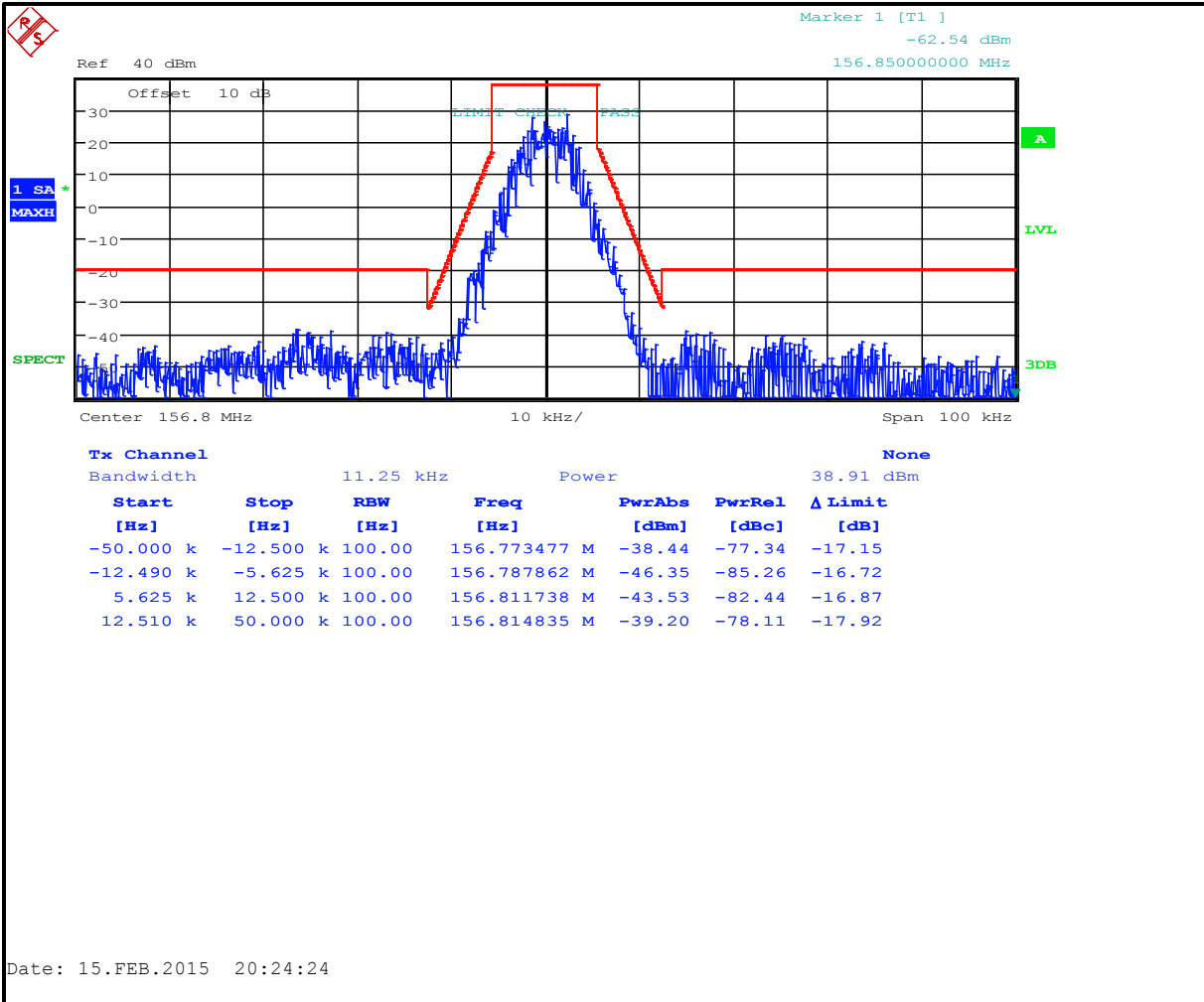
**Plot 8-226: Occupied Bandwidth – 148.0125 MHz; C4FM Phase 2 (Mask D)**



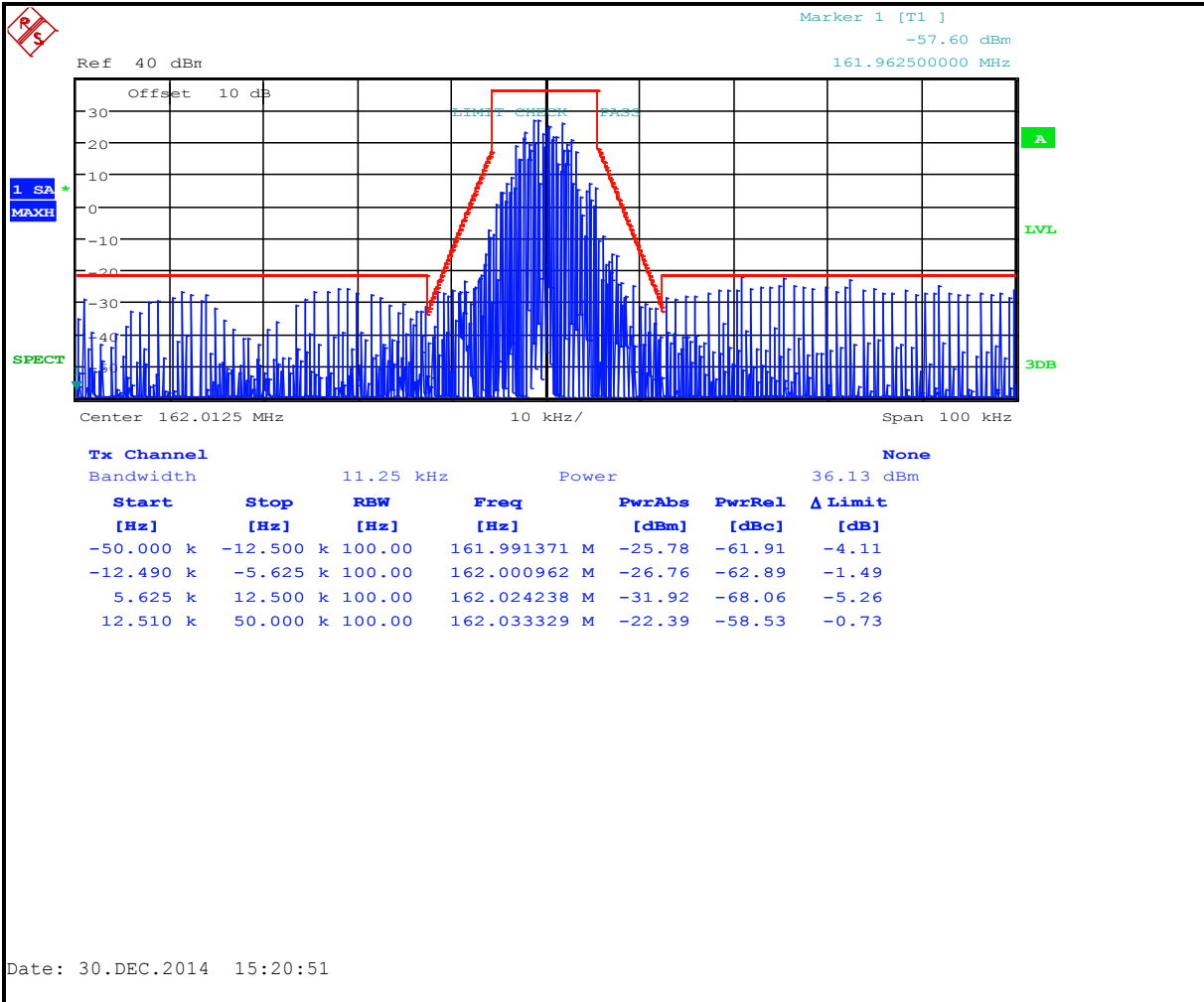
**Plot 8-227: Occupied Bandwidth – 150.0125 MHz; C4FM Phase 2 (Mask D)**



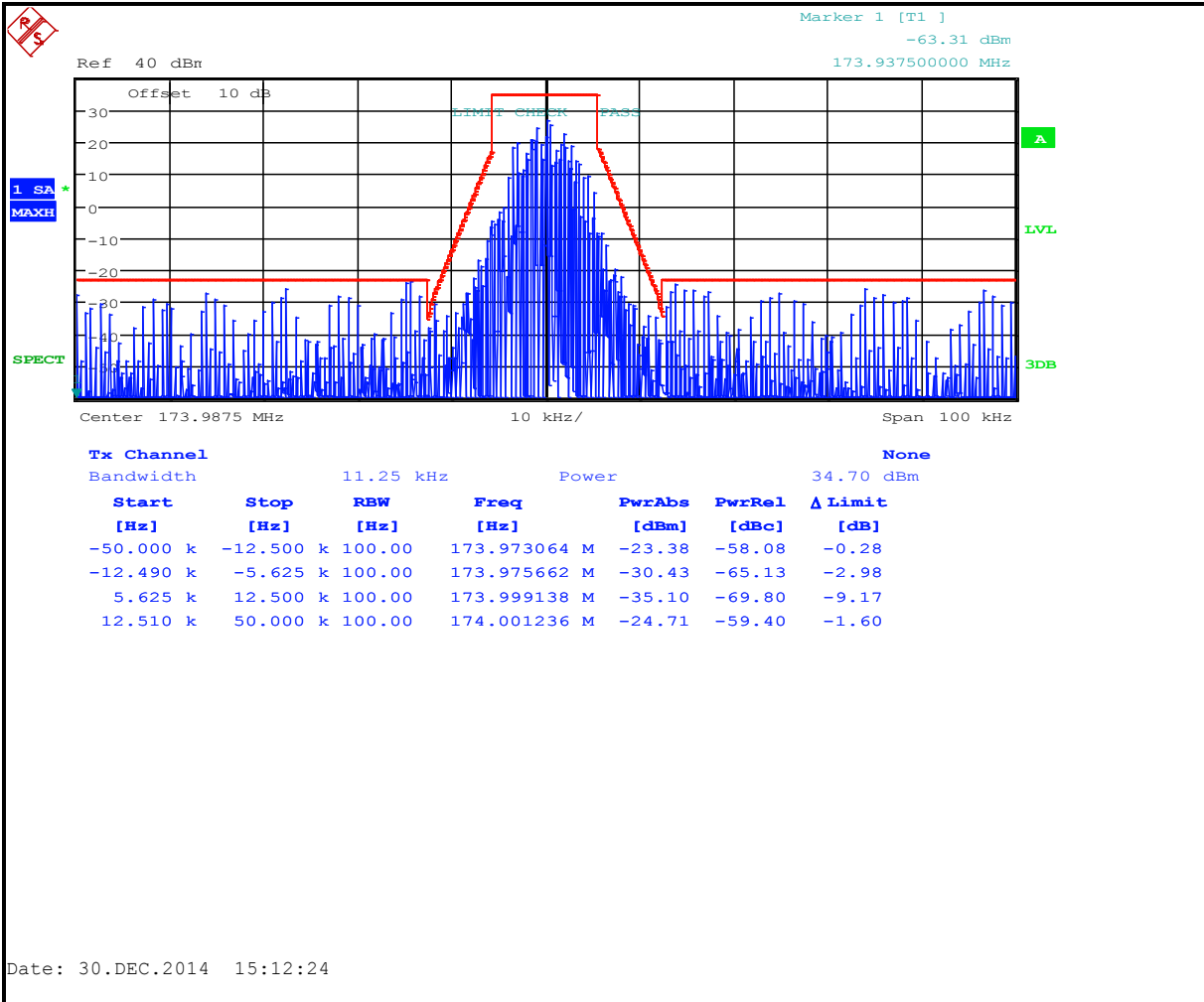
**Plot 8-228: Occupied Bandwidth – 156.8000 MHz; C4FM Phase 2 (Mask D)**



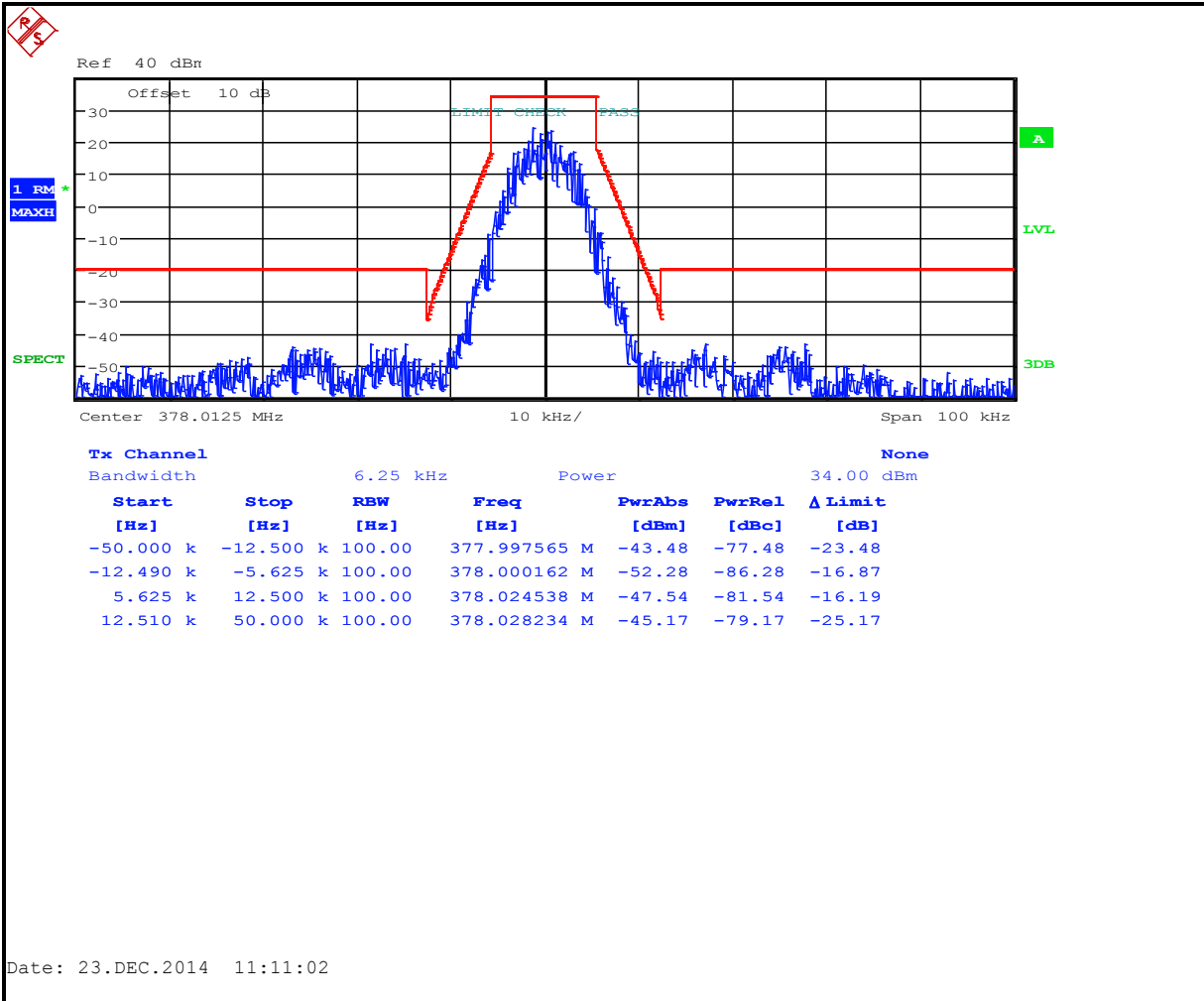
**Plot 8-229: Occupied Bandwidth – 162.0125 MHz; C4FM Phase 2 (Mask D)**



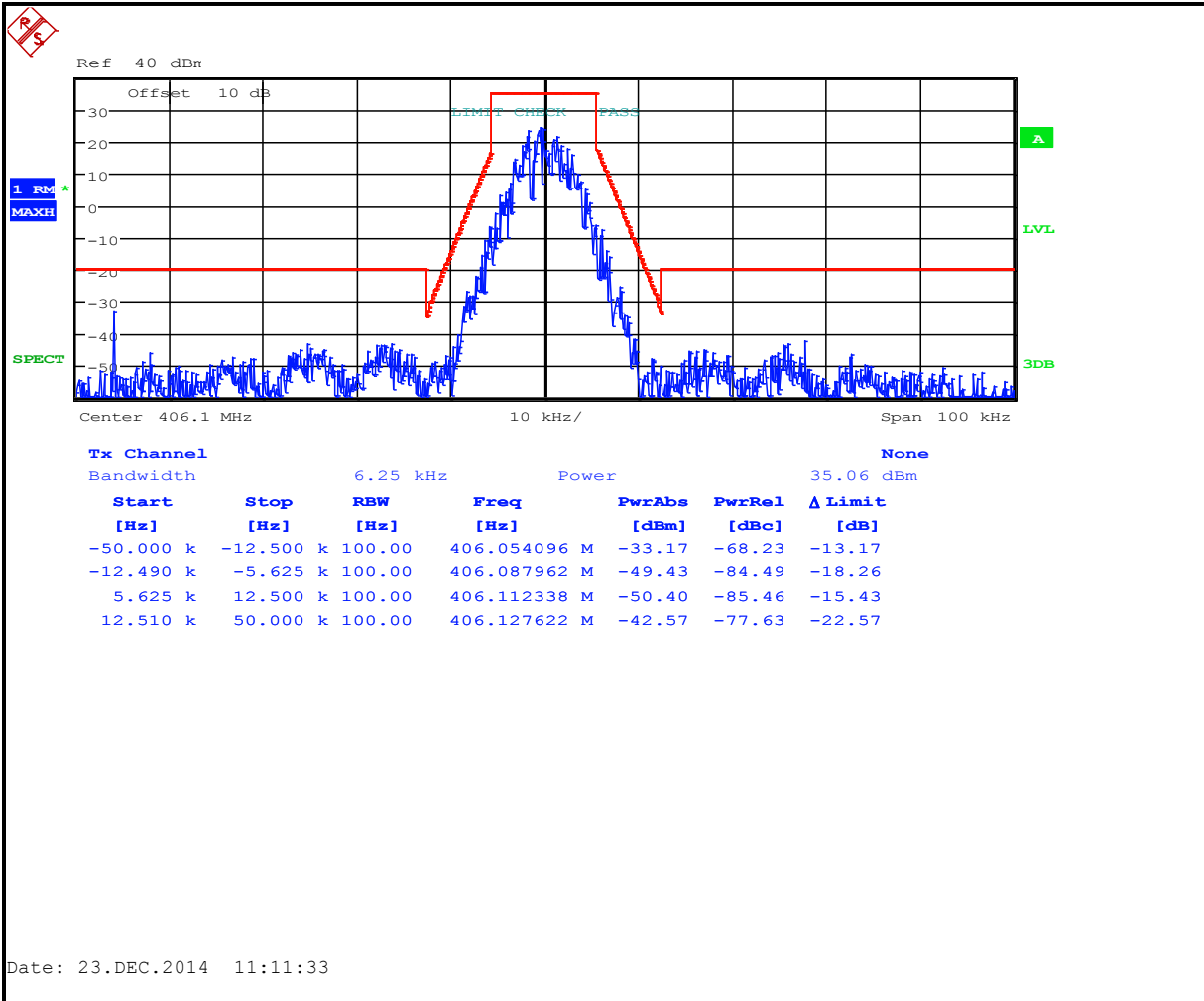
**Plot 8-230: Occupied Bandwidth – 173.9875 MHz; C4FM Phase 2 (Mask D)**



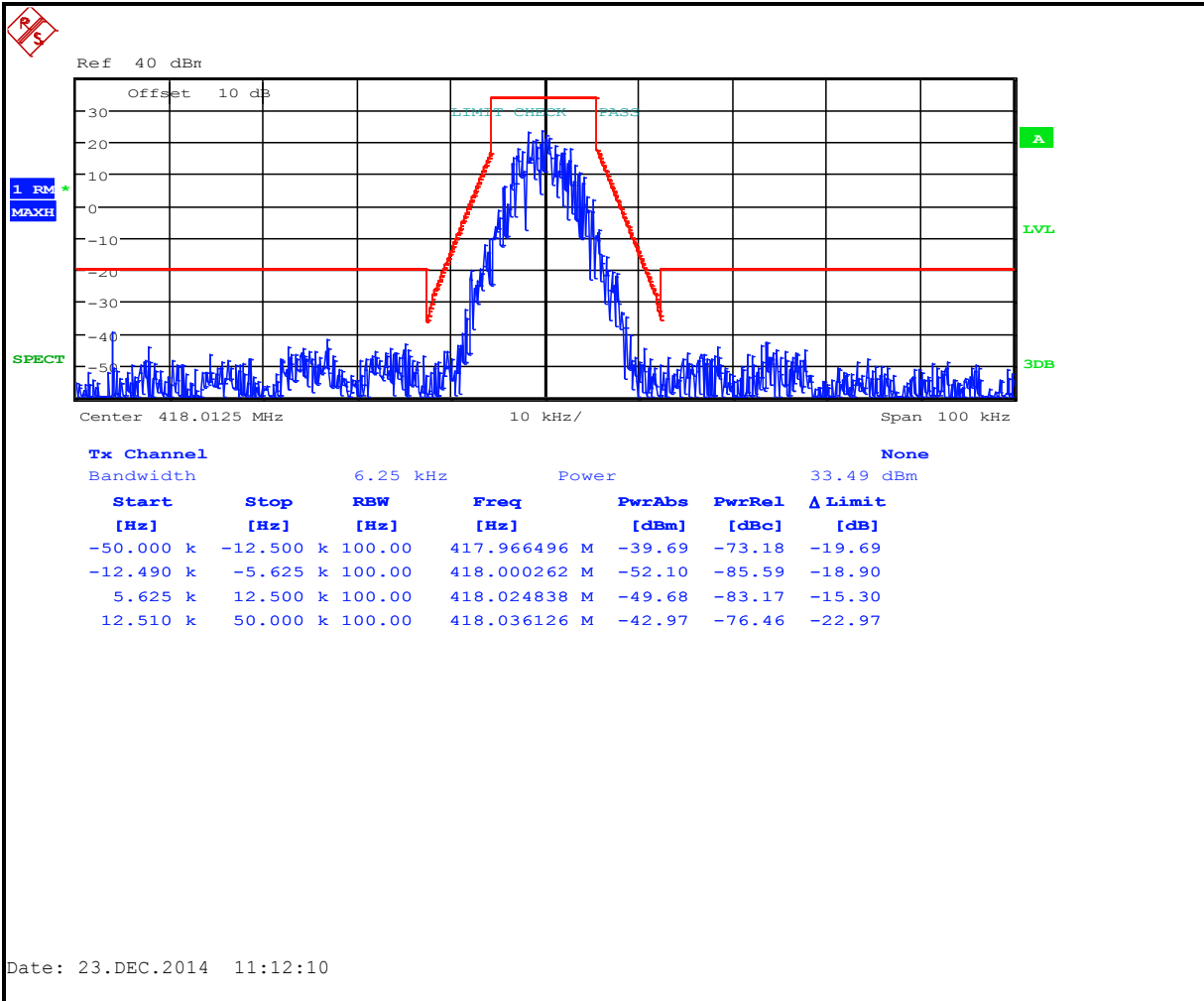
**Plot 8-231: Occupied Bandwidth – 378.0125 MHz; C4FM Phase 2 (Mask D)**



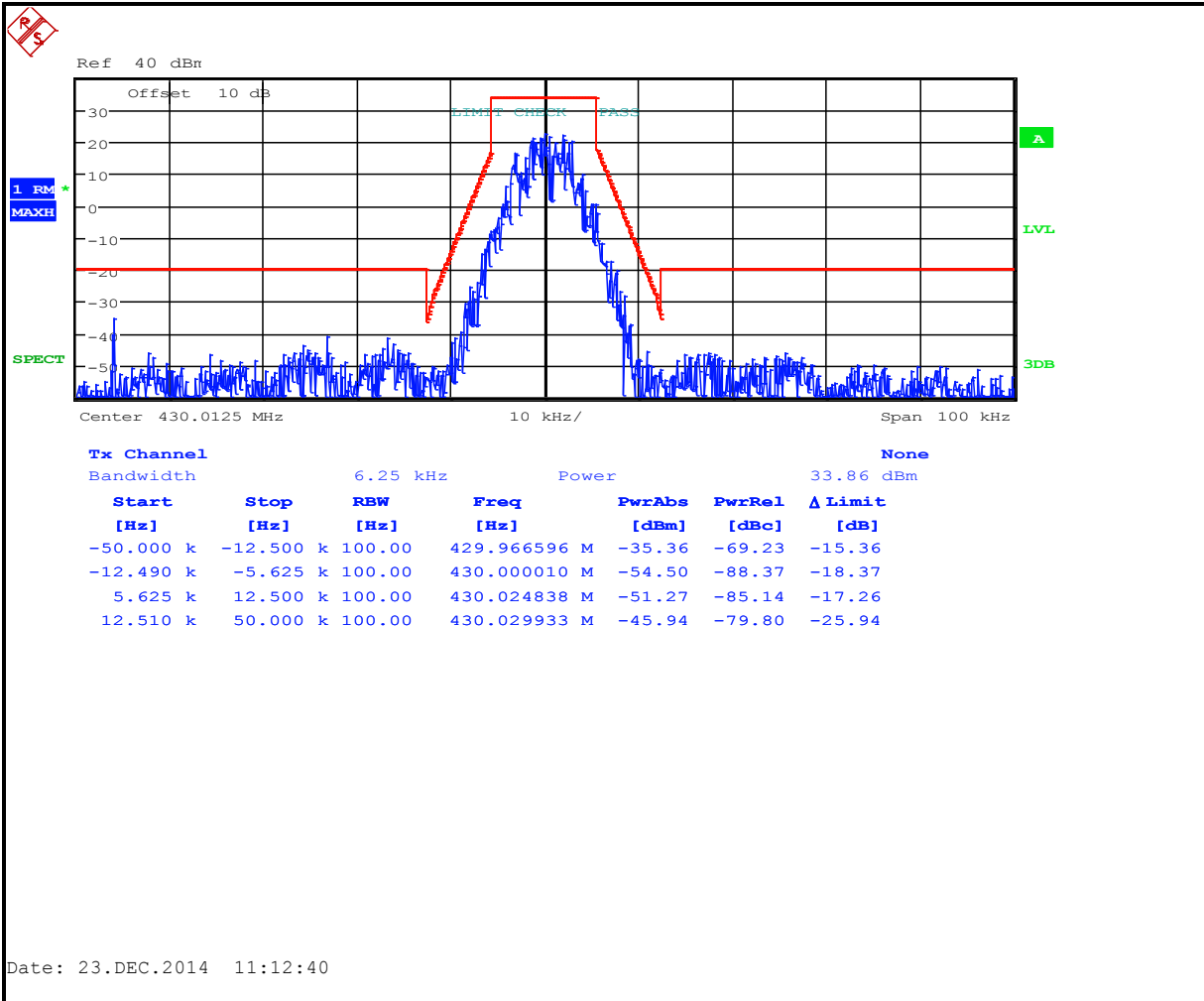
**Plot 8-232: Occupied Bandwidth – 406.1000 MHz; C4FM Phase 2 (Mask D)**



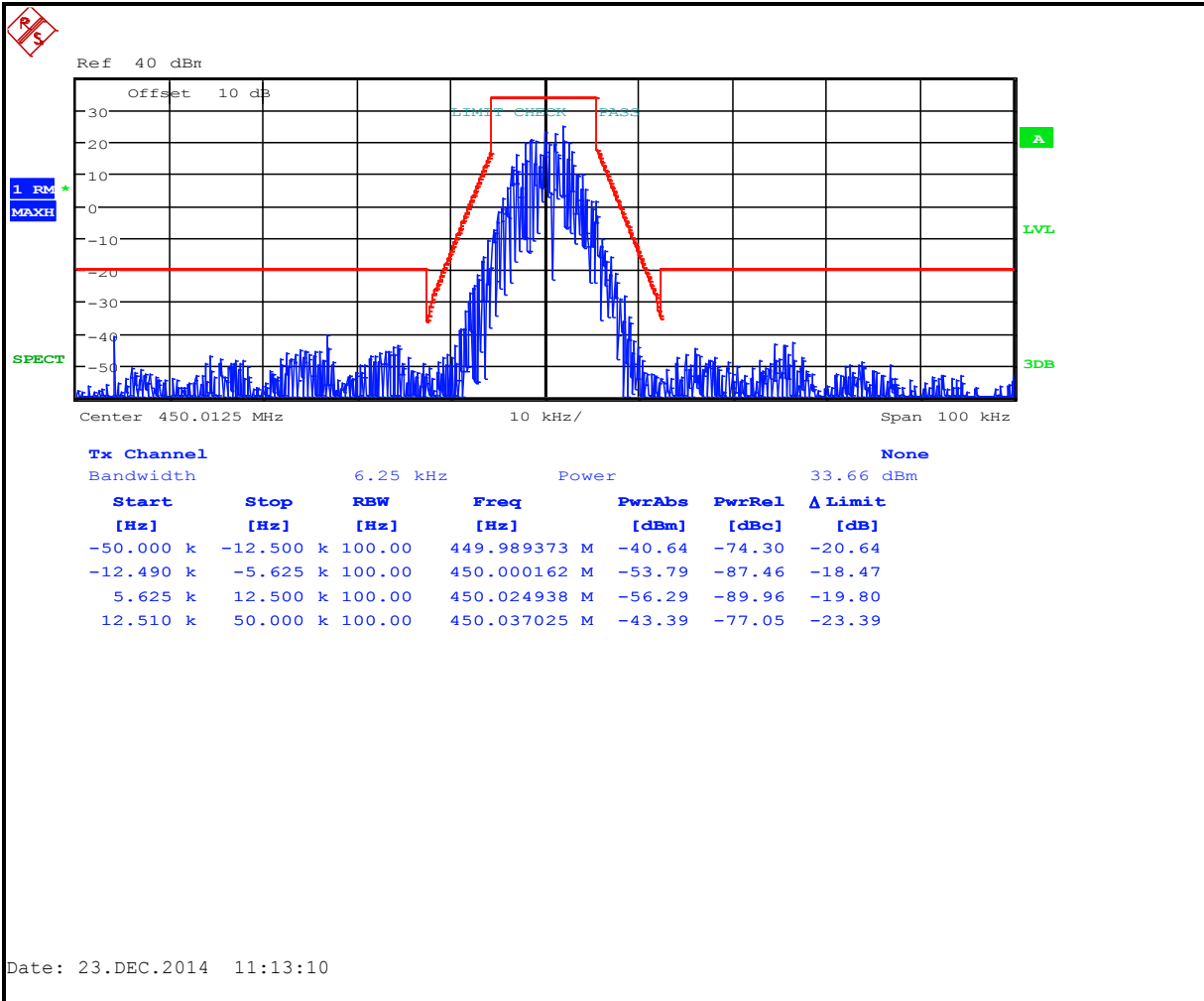
**Plot 8-233: Occupied Bandwidth – 418.0125 MHz; C4FM Phase 2 (Mask D)**



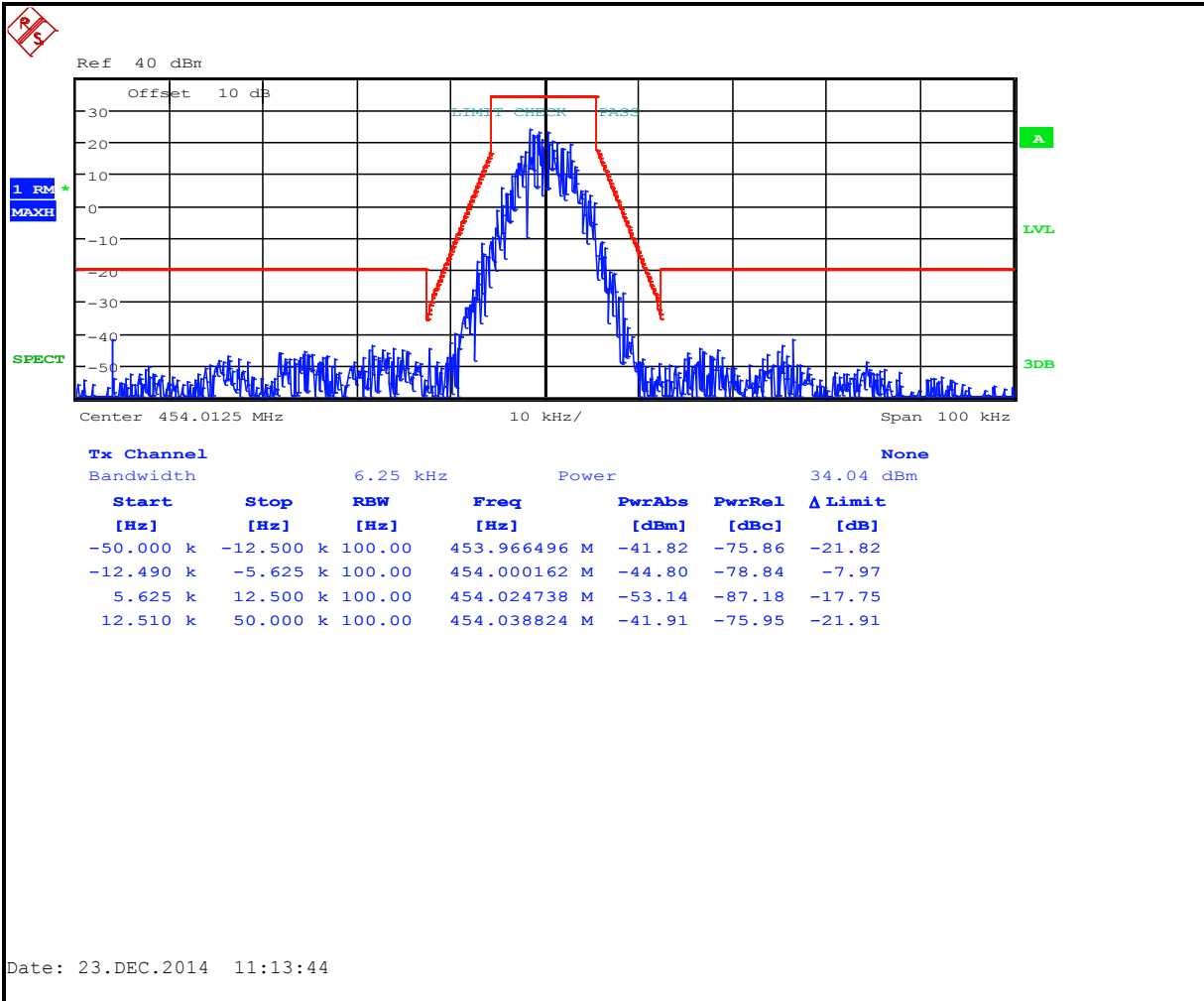
**Plot 8-234: Occupied Bandwidth – 430.0125 MHz; C4FM Phase 2 (Mask D)**



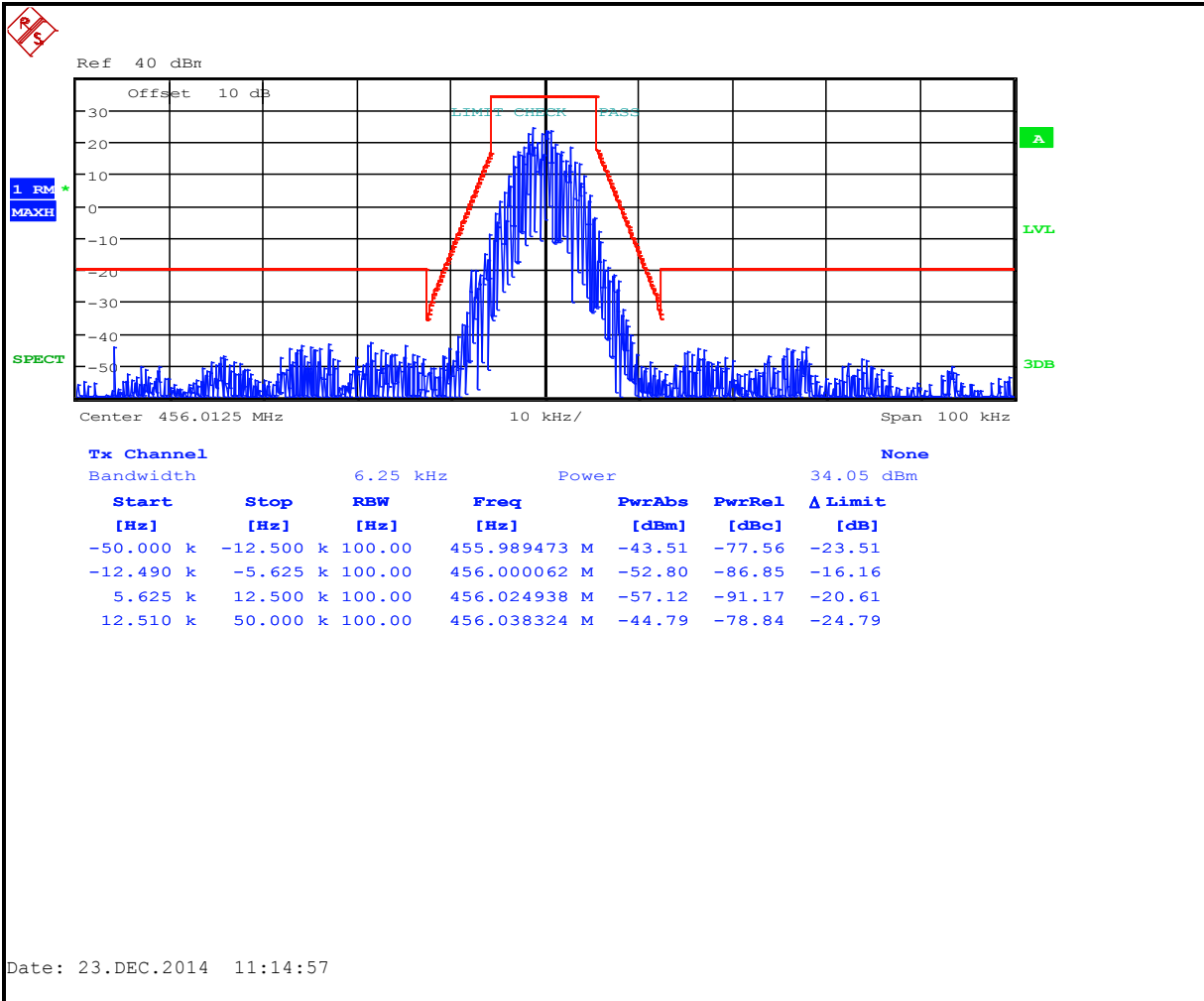
**Plot 8-235: Occupied Bandwidth – 450.0125 MHz; C4FM Phase 2 (Mask D)**



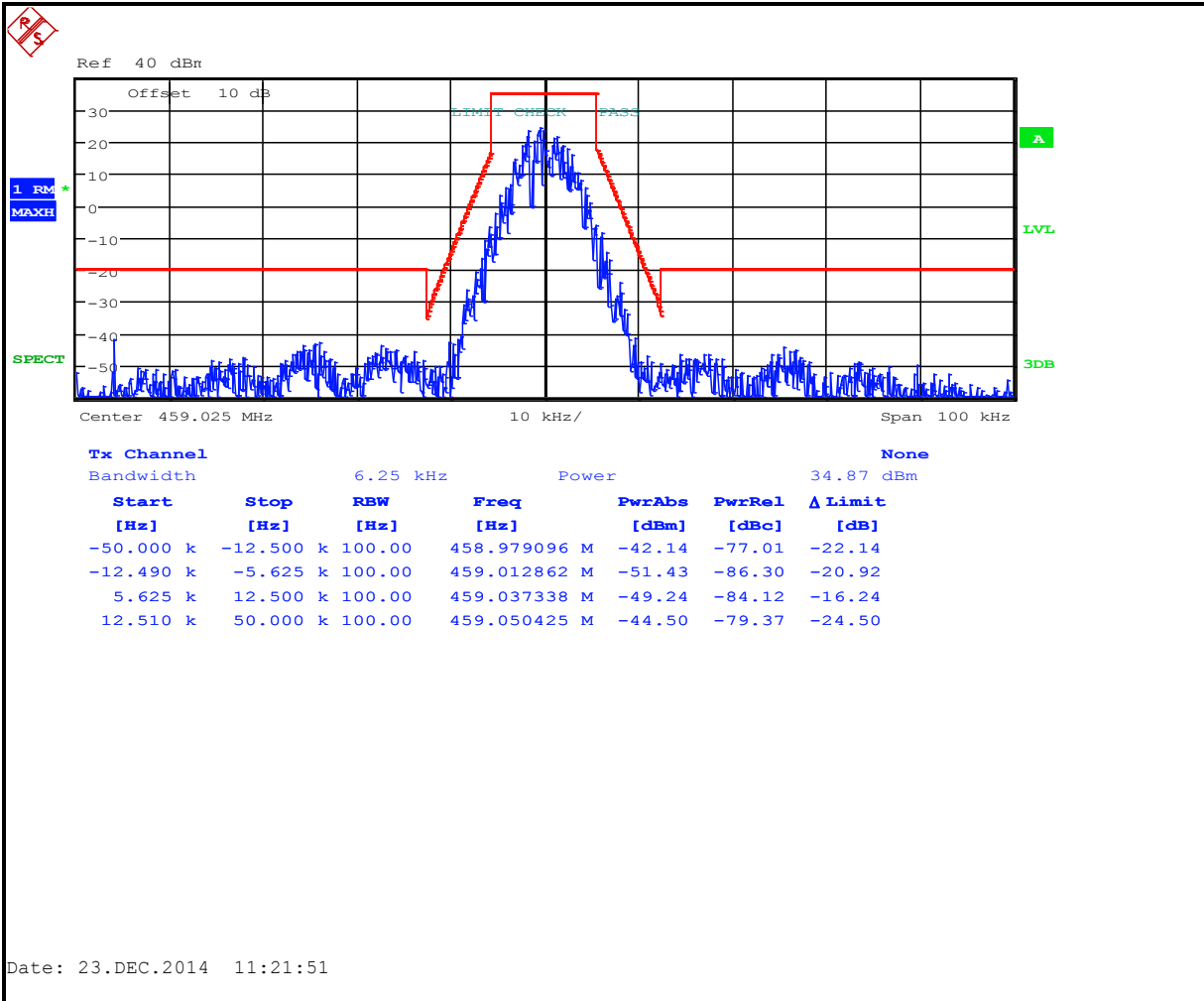
**Plot 8-236: Occupied Bandwidth – 454.0125 MHz; C4FM Phase 2 (Mask D)**



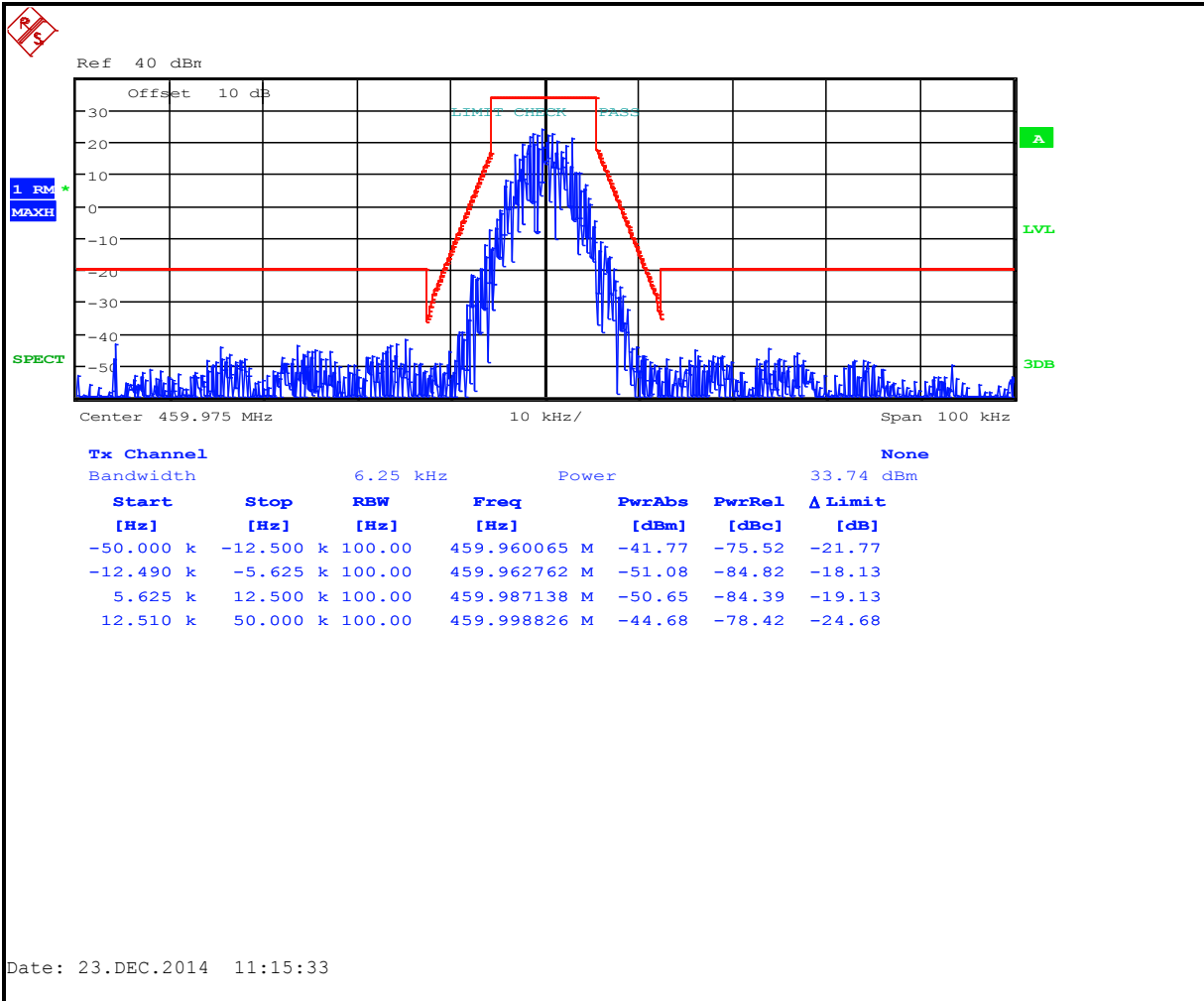
**Plot 8-237: Occupied Bandwidth – 456.0125 MHz; C4FM Phase 2 (Mask D)**



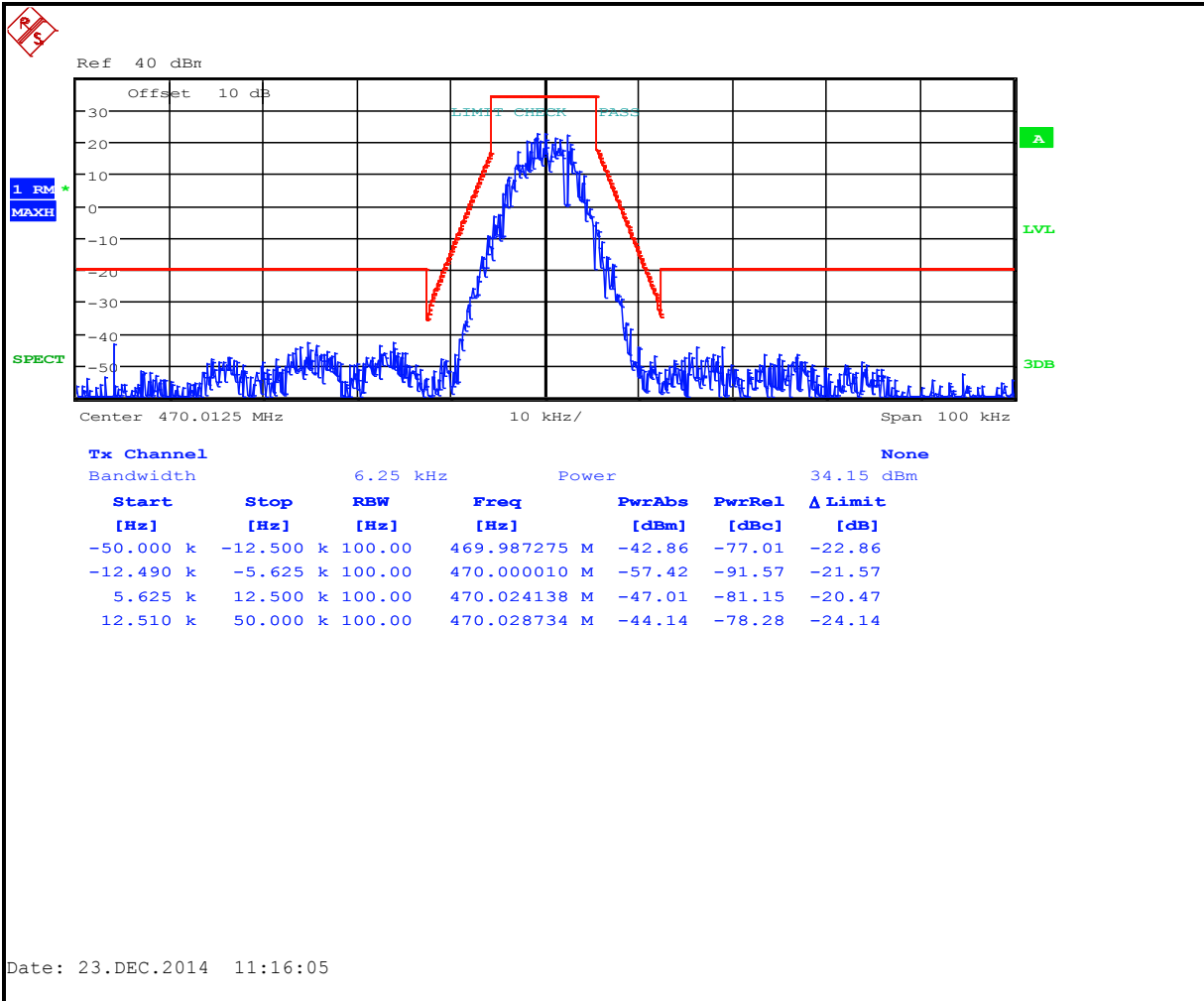
**Plot 8-238: Occupied Bandwidth – 459.025 MHz; C4FM Phase 2 (Mask D)**



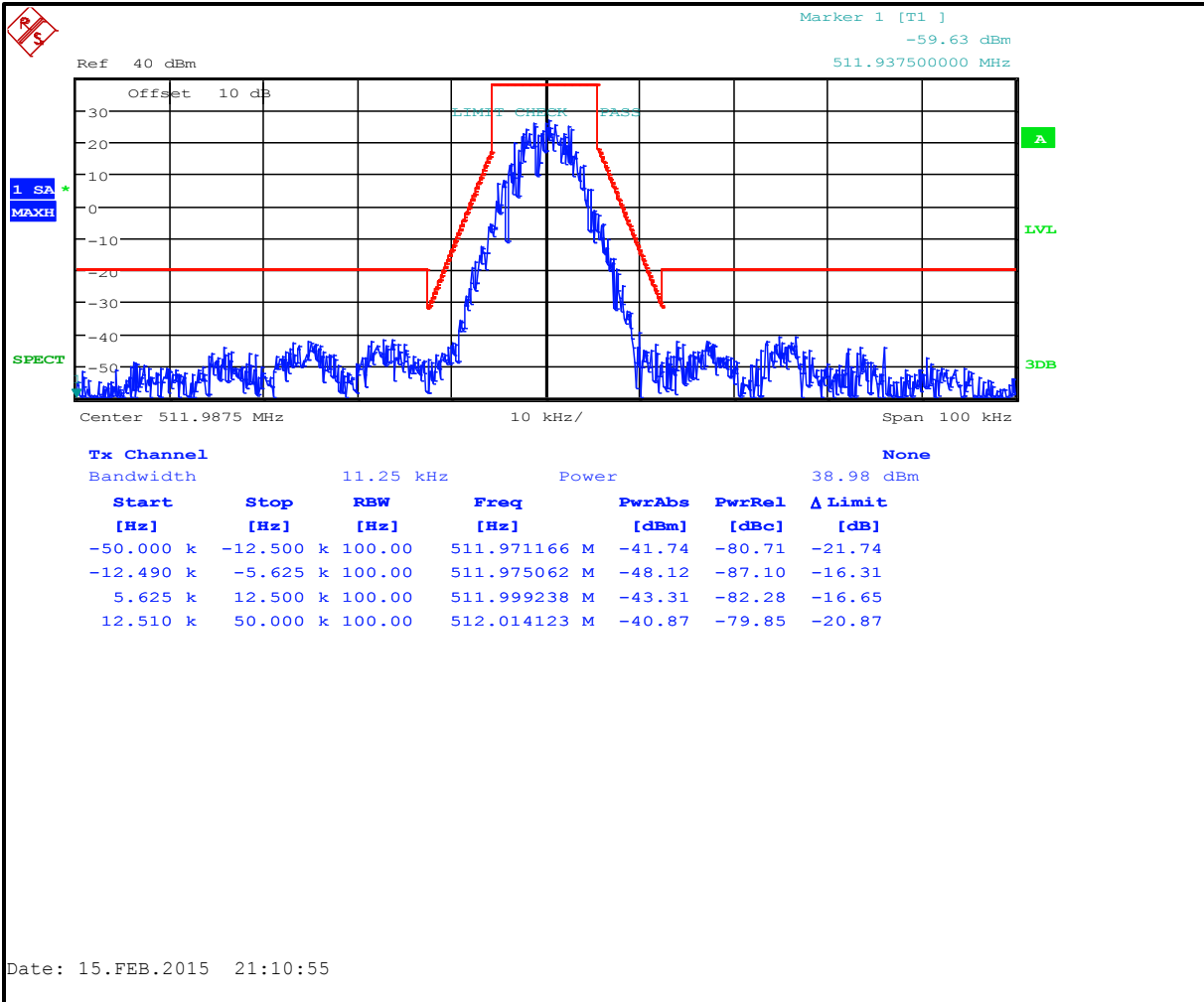
**Plot 8-239: Occupied Bandwidth – 459.9750 MHz; C4FM Phase 2 (Mask D)**



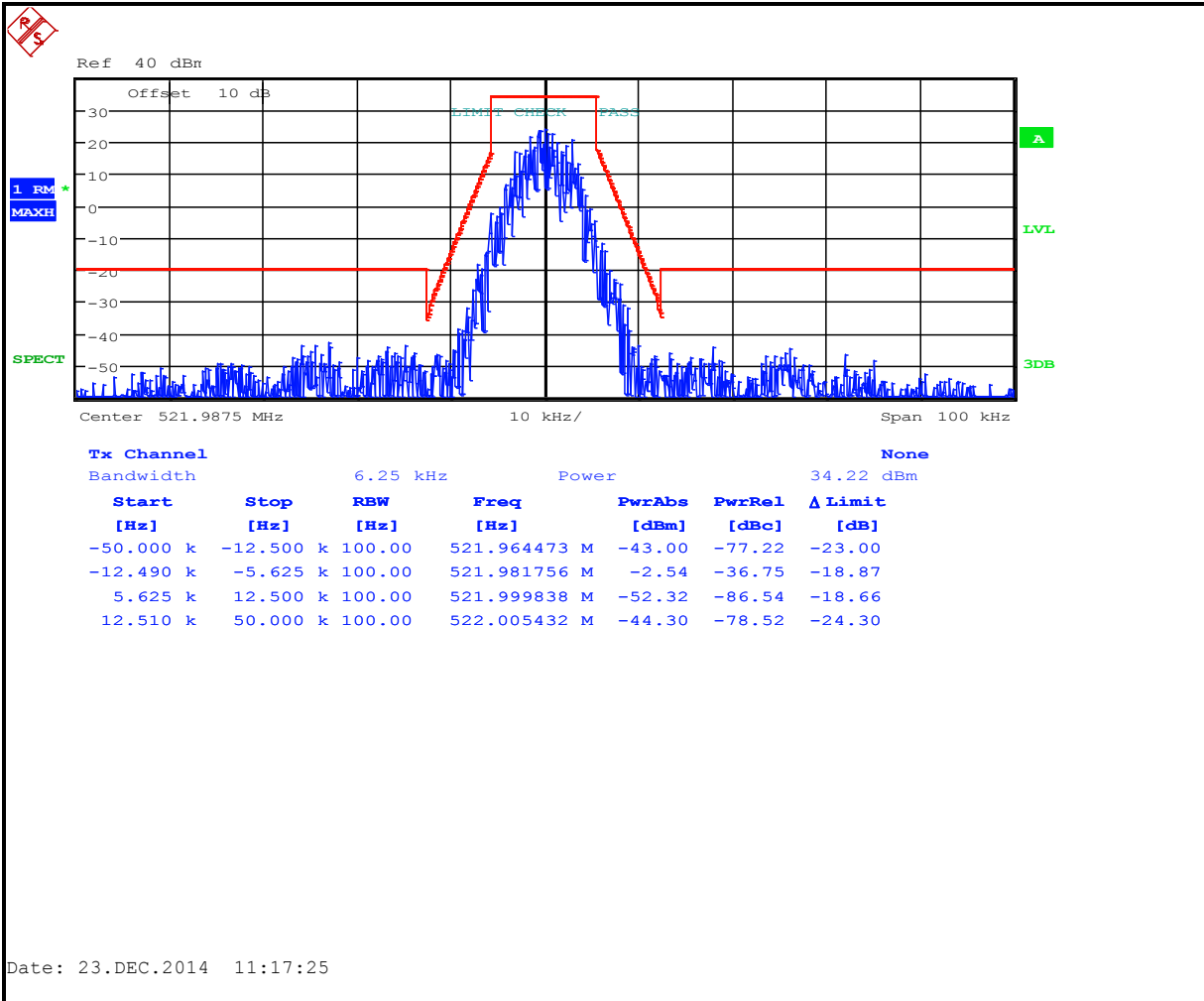
**Plot 8-240: Occupied Bandwidth – 470.0125 MHz; C4FM Phase 2 (Mask D)**



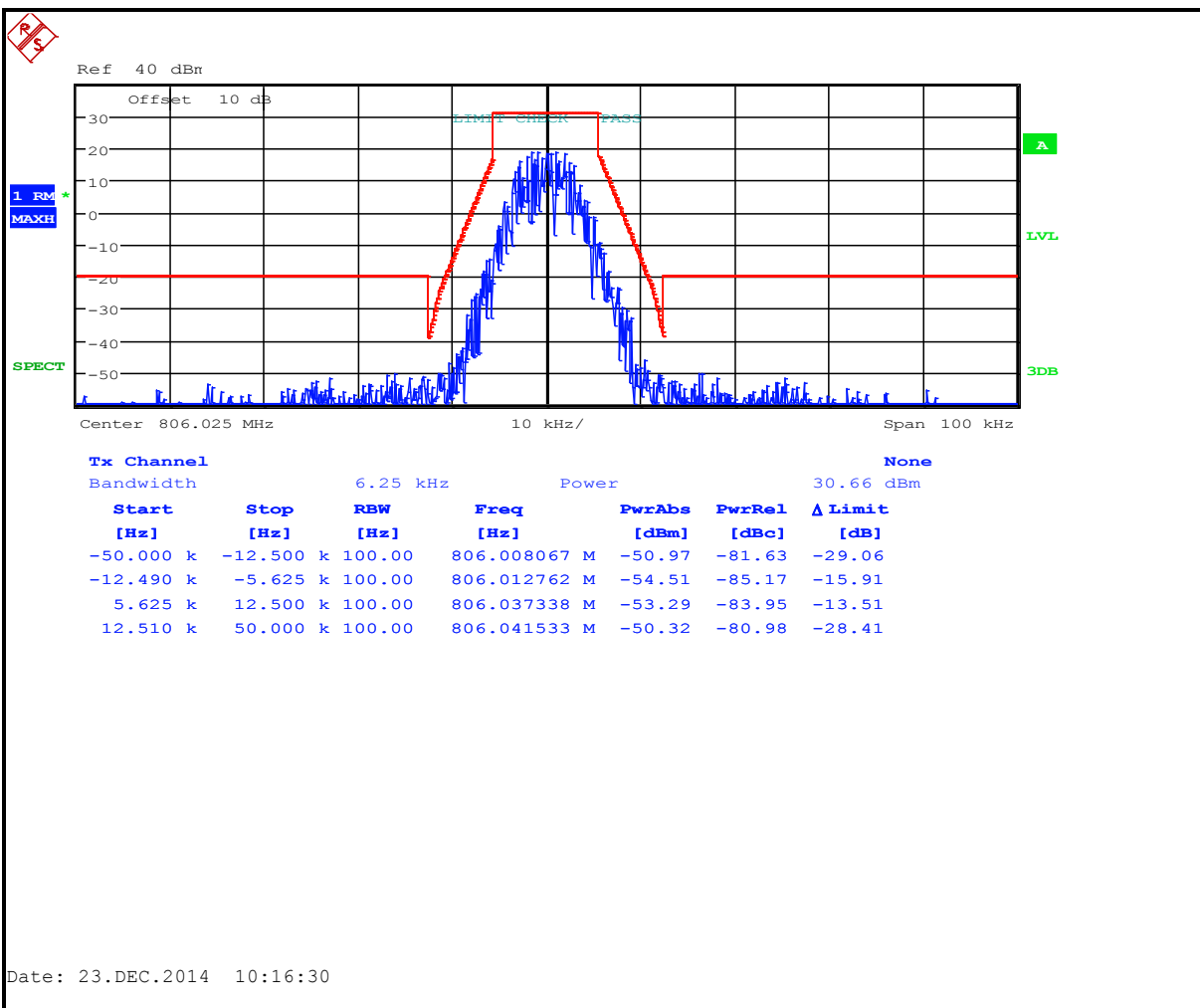
**Plot 8-241: Occupied Bandwidth – 511.9875 MHz; C4FM Phase 2 (Mask D)**



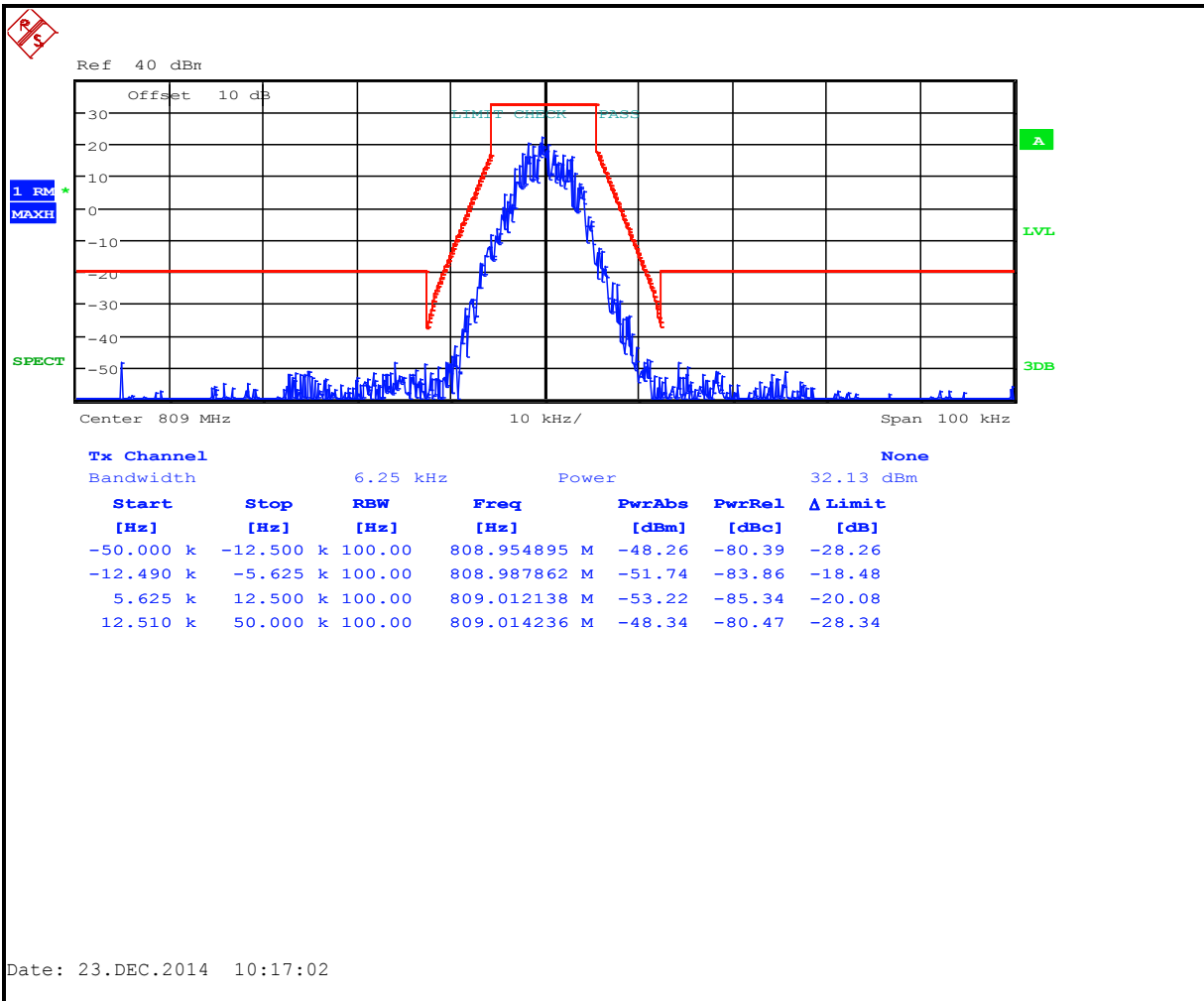
**Plot 8-242: Occupied Bandwidth – 521.9875 MHz; C4FM Phase 2 (Mask D)**



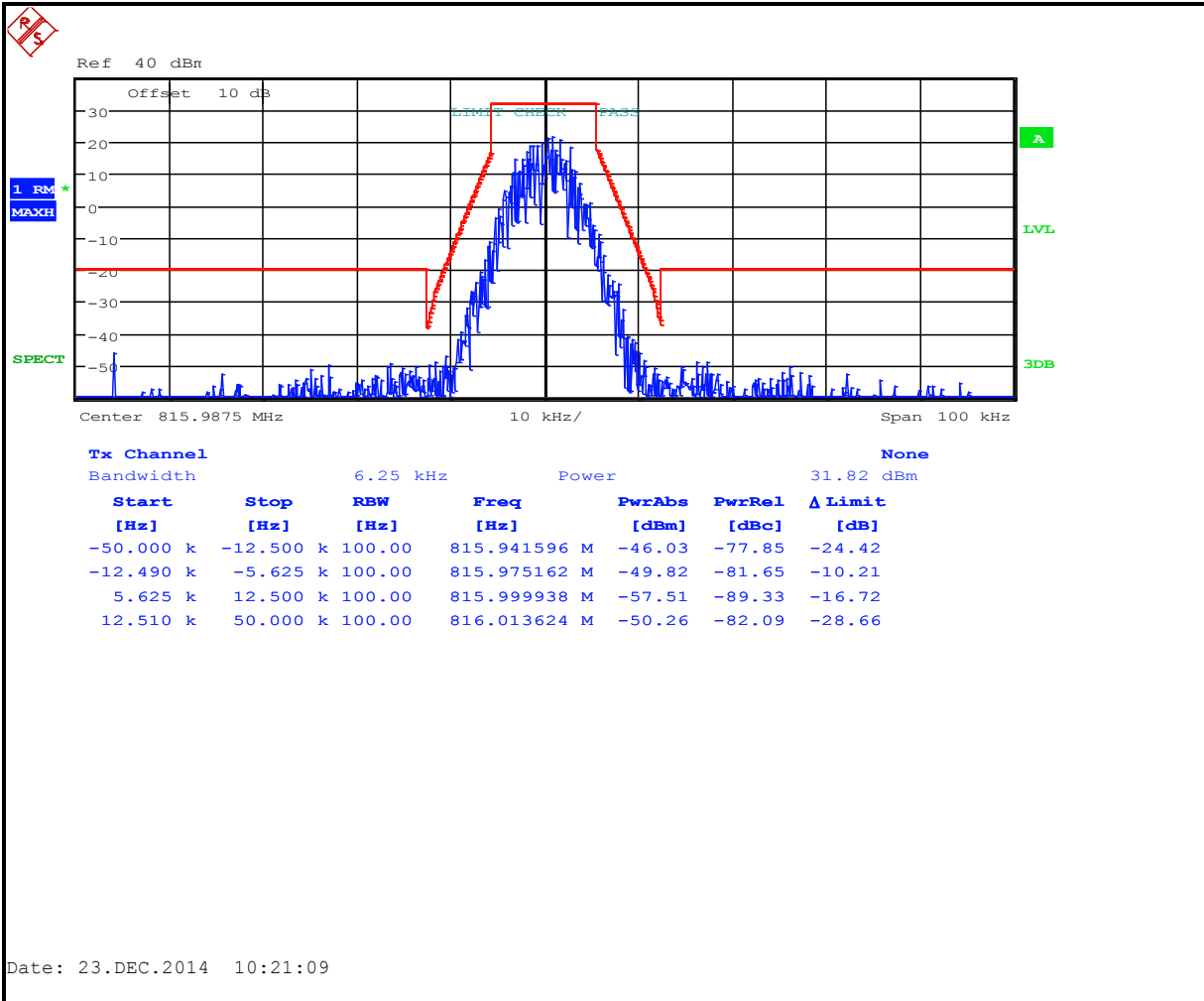
**Plot 8-243: Occupied Bandwidth – 806.025 MHz; C4FM Phase 2 (Mask D)**



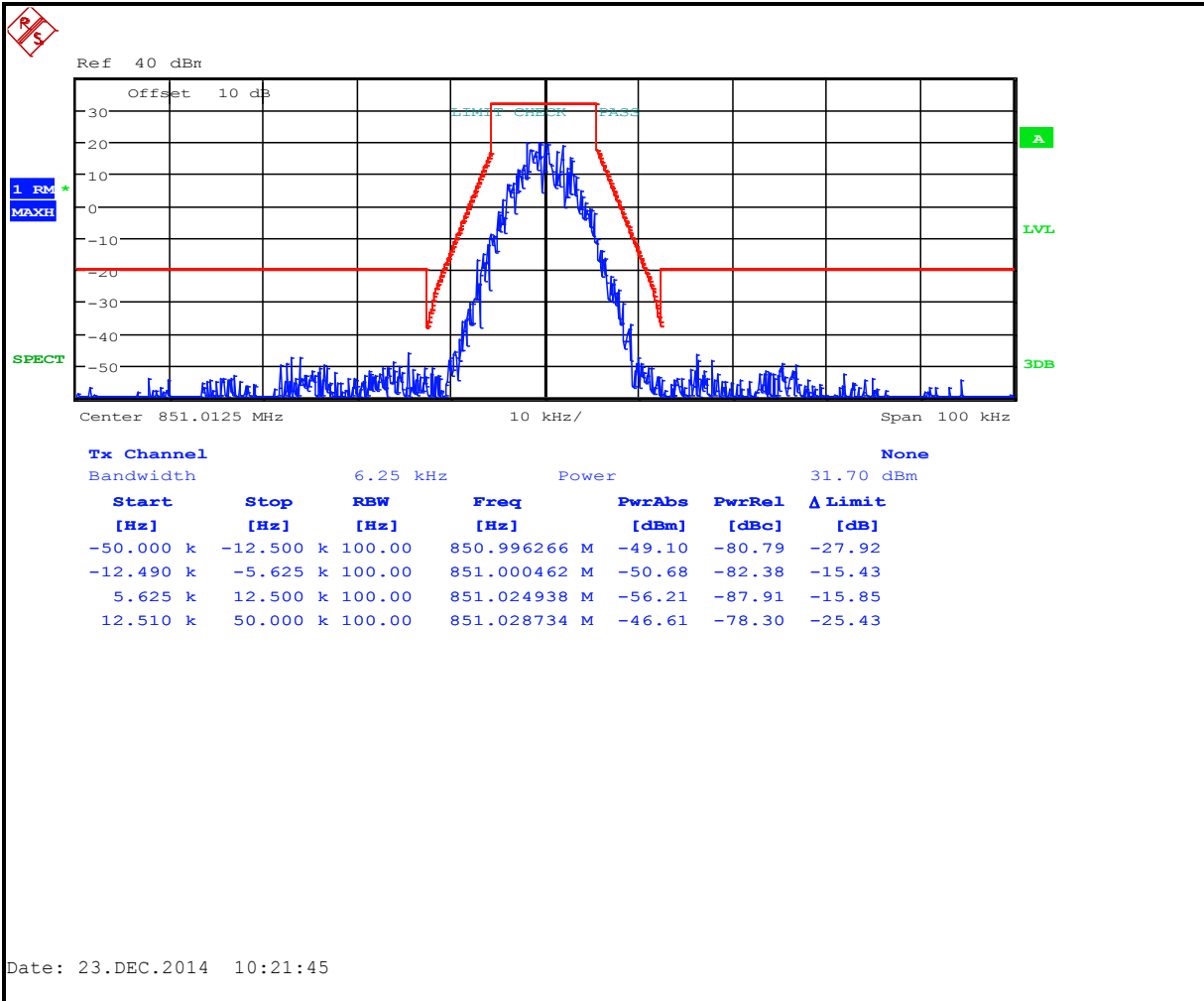
**Plot 8-244: Occupied Bandwidth – 809.0000 MHz; C4FM Phase 2 (Mask D)**



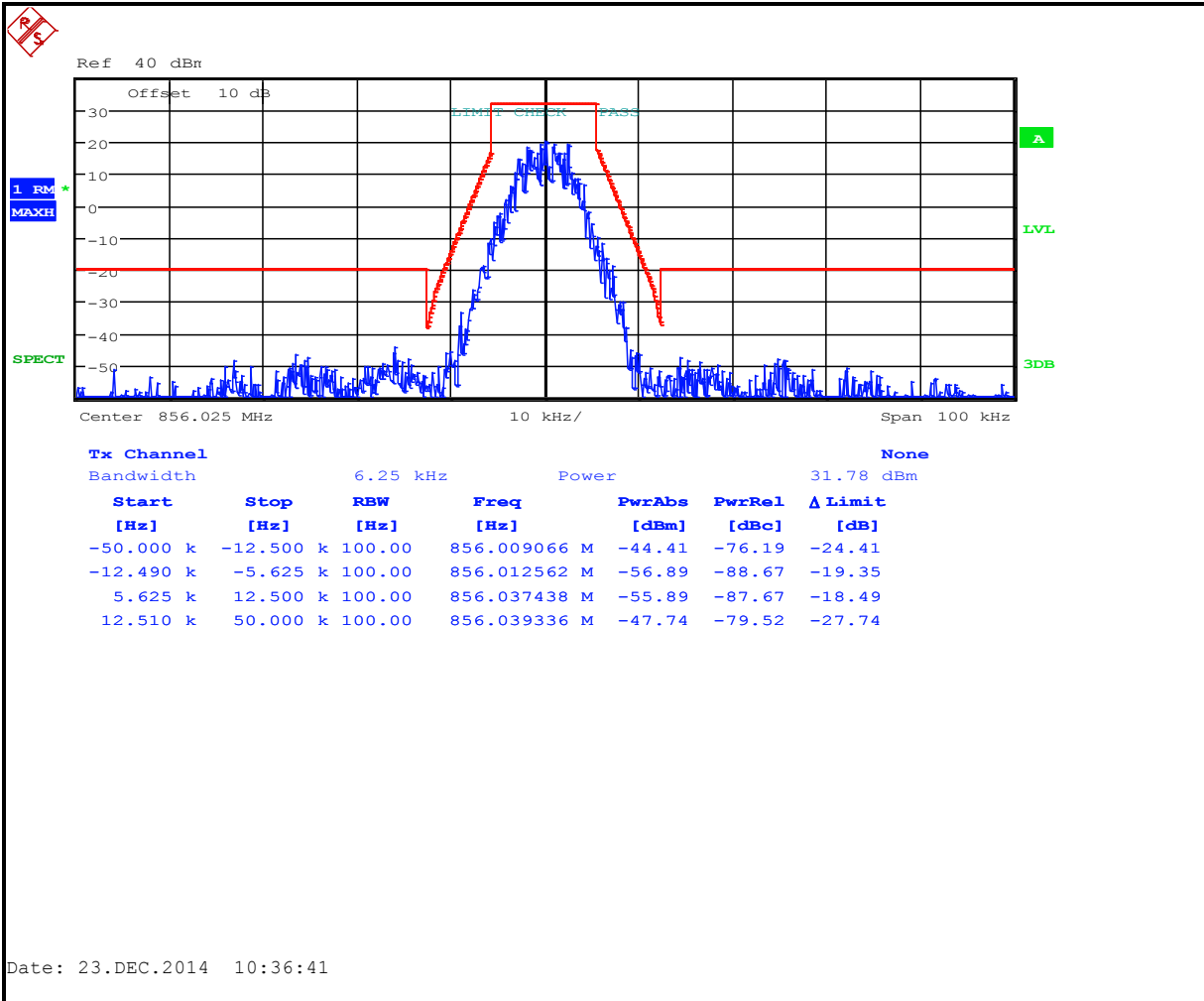
**Plot 8-245: Occupied Bandwidth – 815.9875 MHz; C4FM Phase 2 (Mask D)**



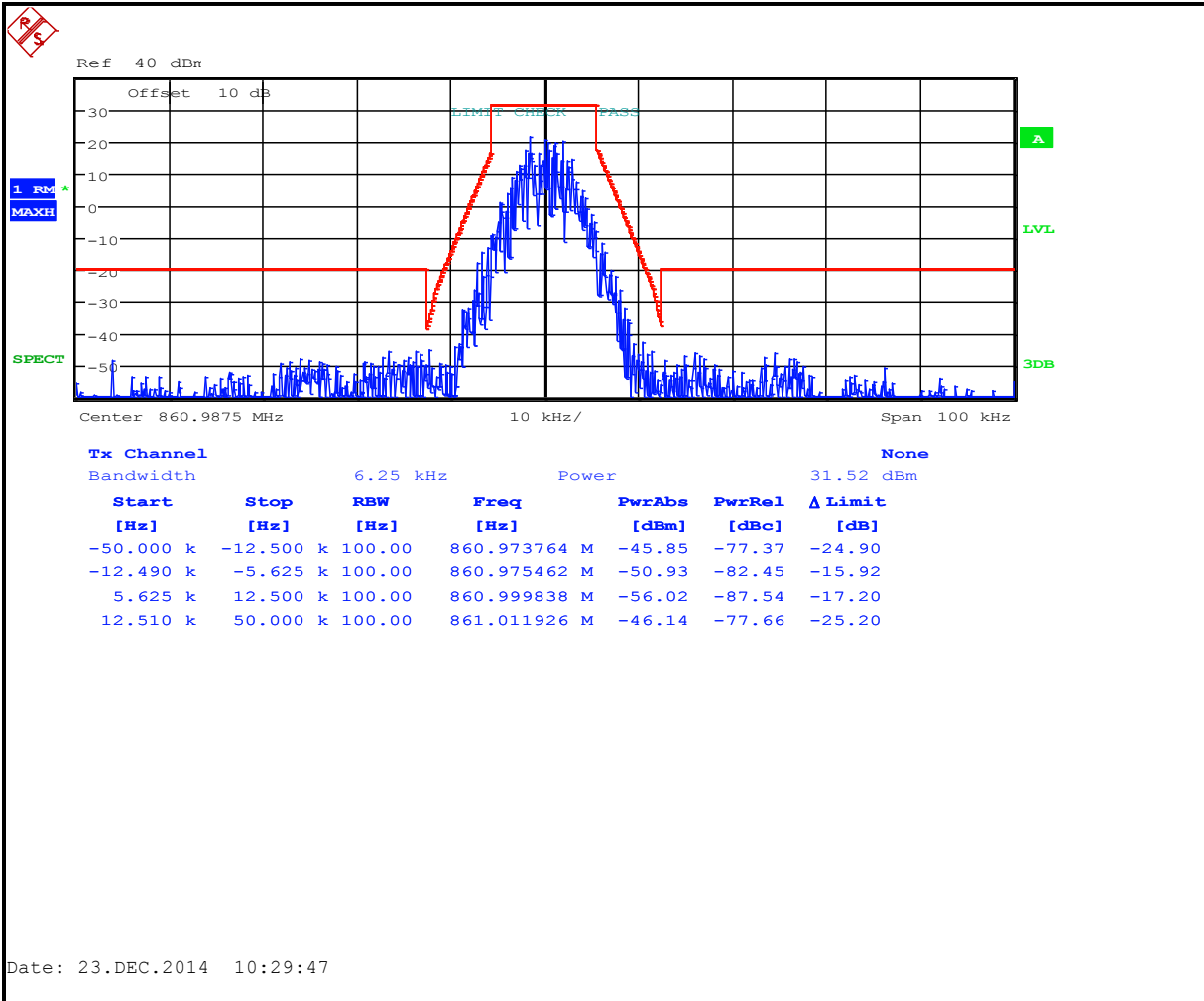
**Plot 8-246: Occupied Bandwidth – 851.0250 MHz; C4FM Phase 2 (Mask D)**



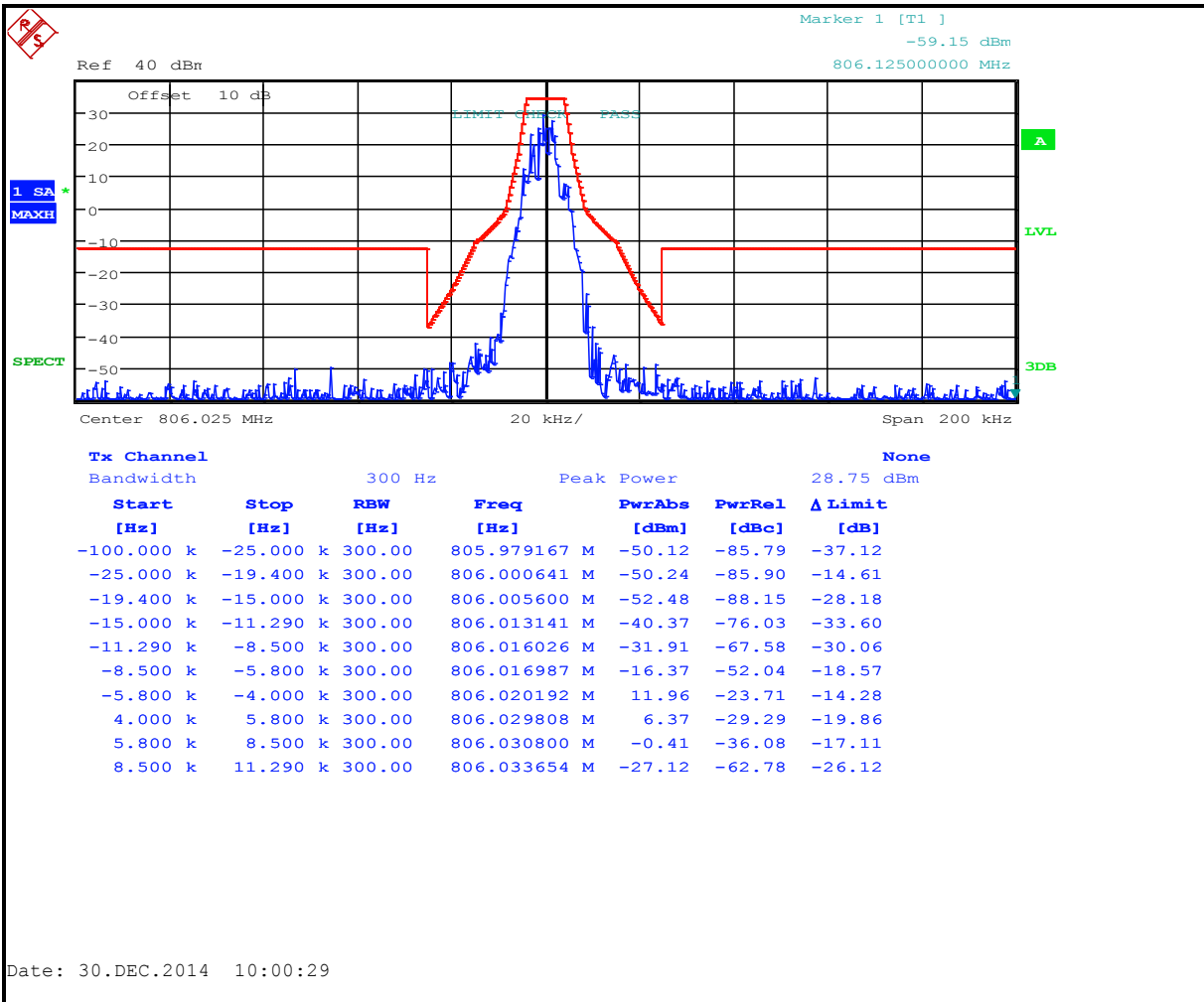
**Plot 8-247: Occupied Bandwidth – 856.025 MHz; C4FM Phase 2 (Mask D)**



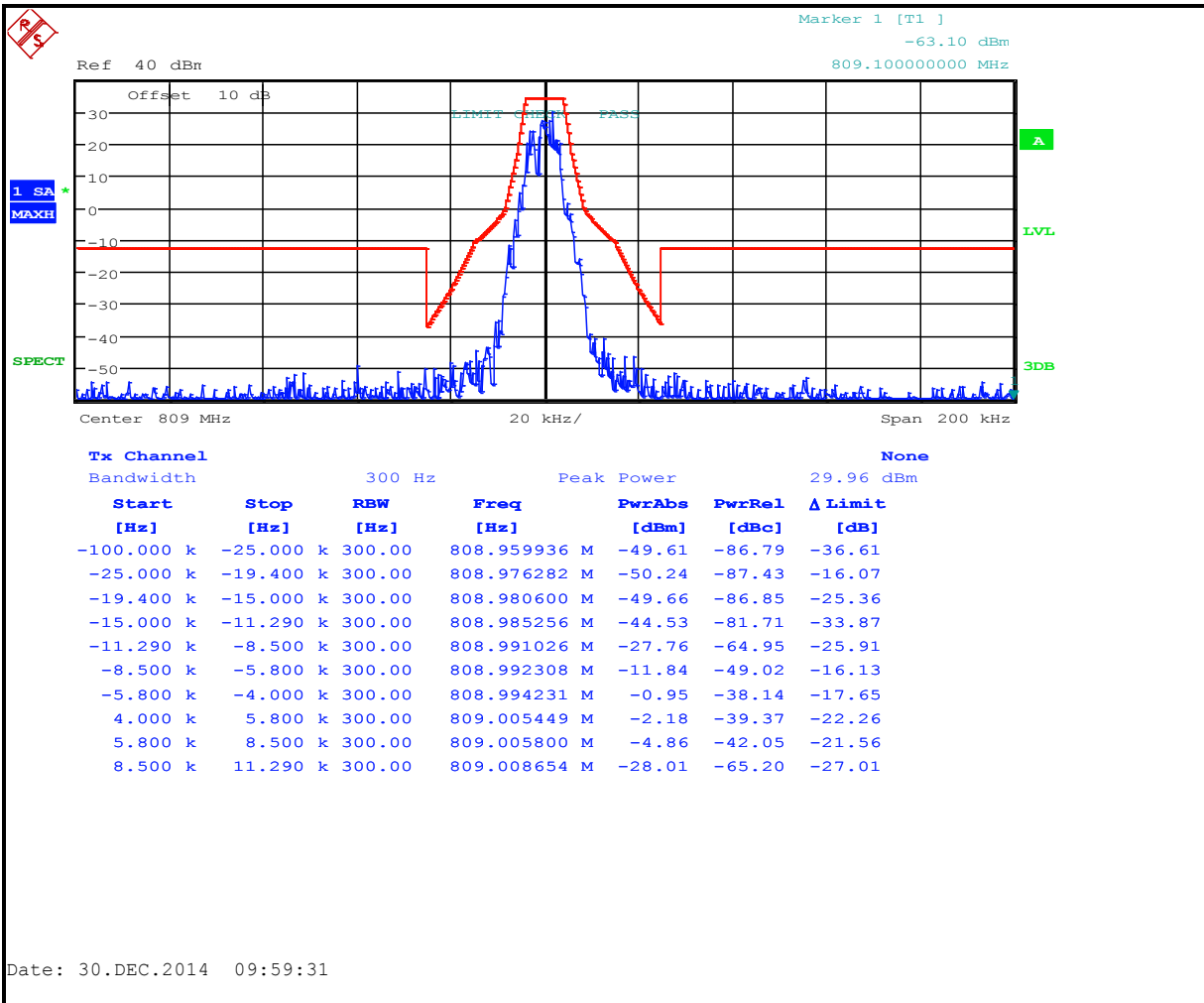
**Plot 8-248: Occupied Bandwidth – 860.9875 MHz; C4FM Phase 2 (Mask D)**



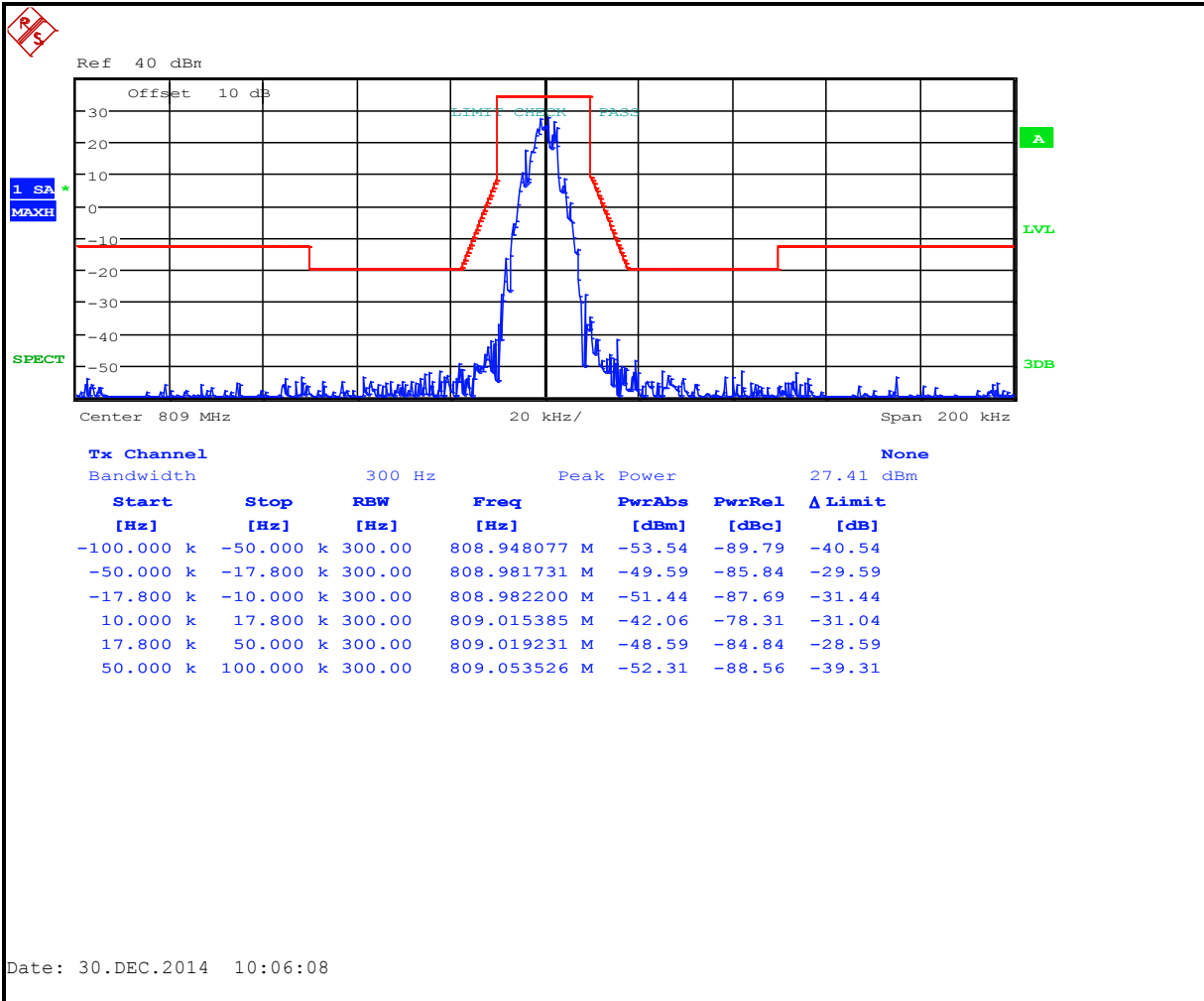
**Plot 8-249: Occupied Bandwidth – 806.0250 MHz; C4FM Phase 2 (Mask H)**



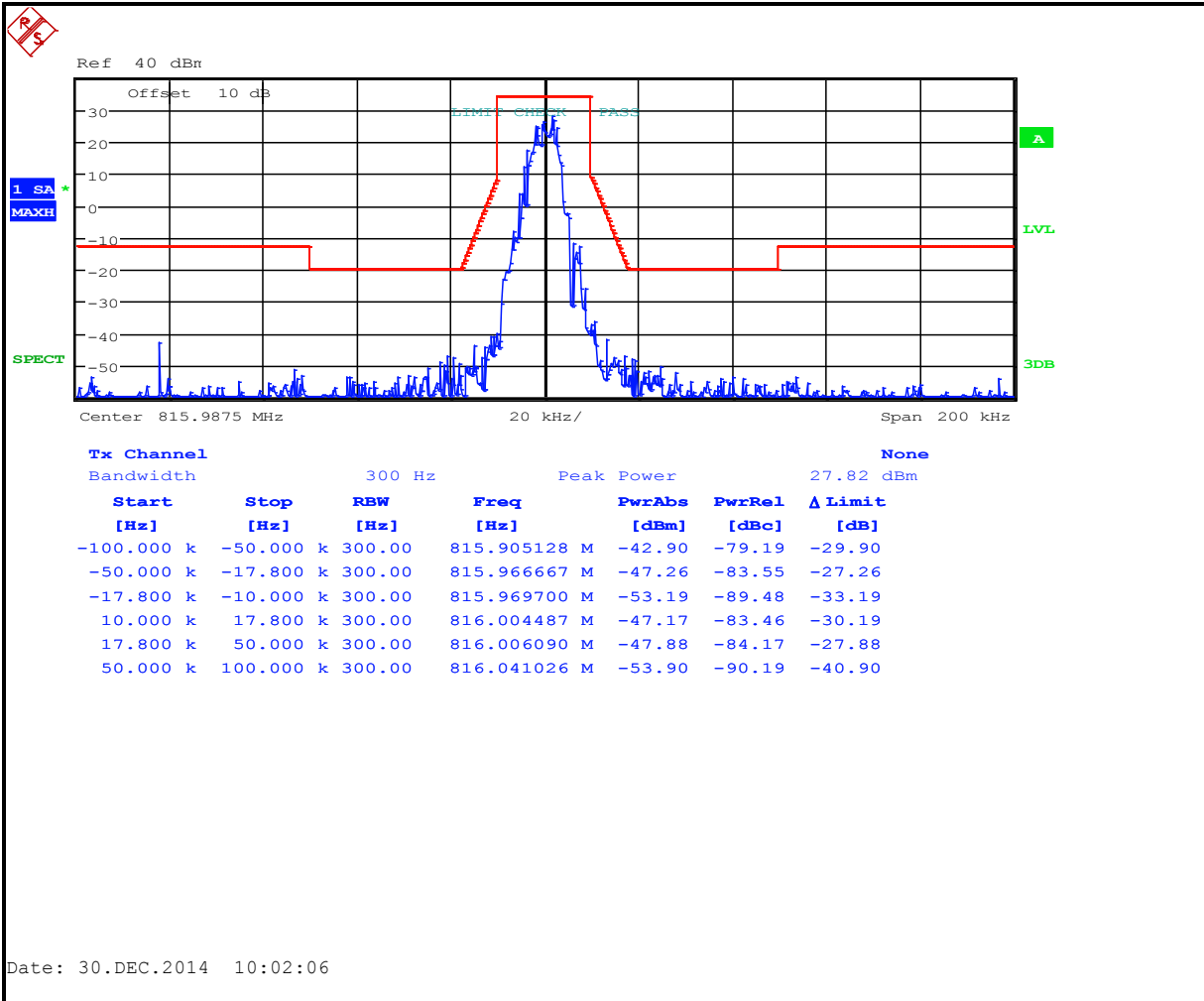
**Plot 8-250: Occupied Bandwidth – 809.0000 MHz; C4FM Phase 2 (Mask H)**



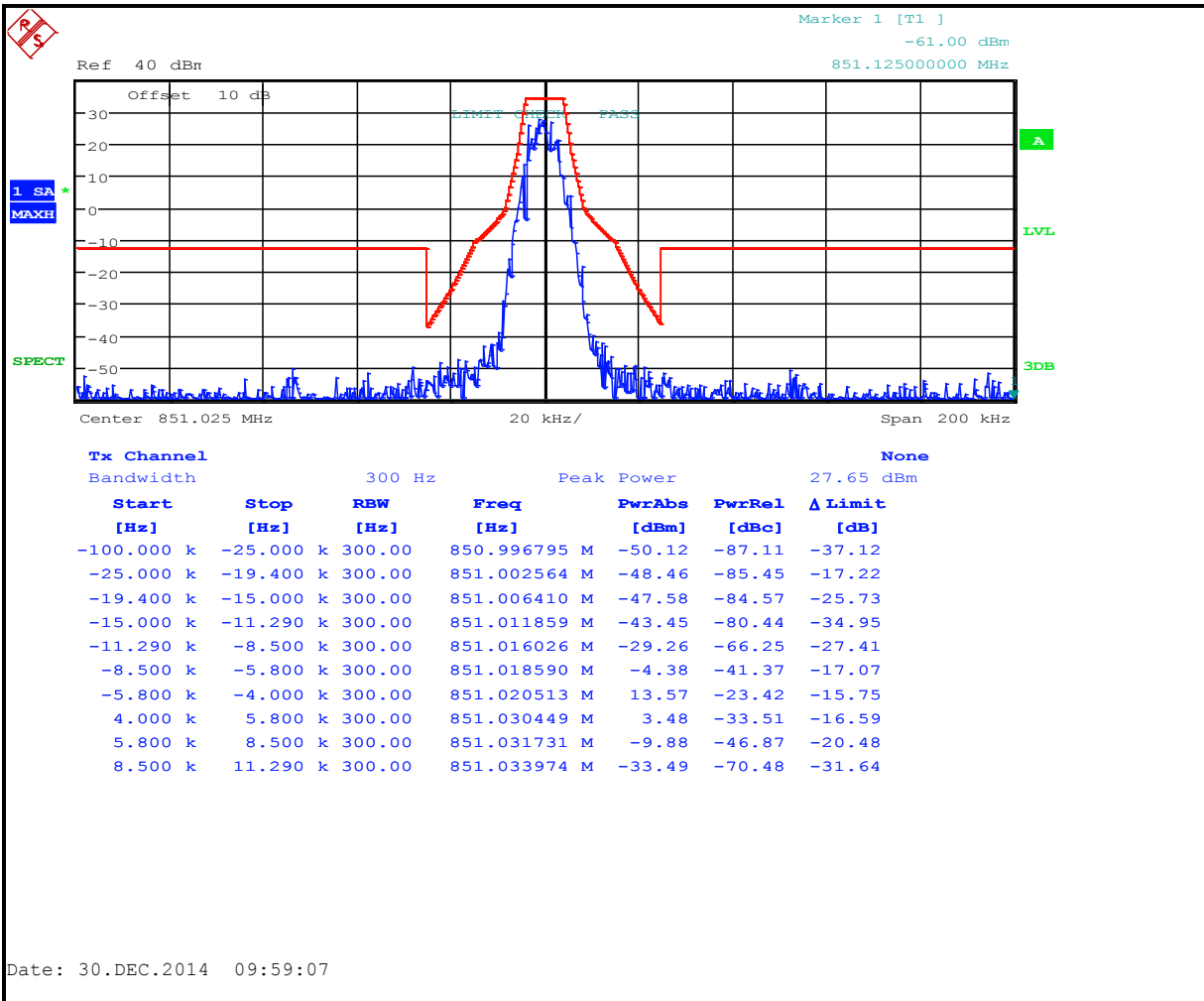
**Plot 8-251: Occupied Bandwidth – 809.0000 MHz; C4FM Phase 2 (Mask G)**



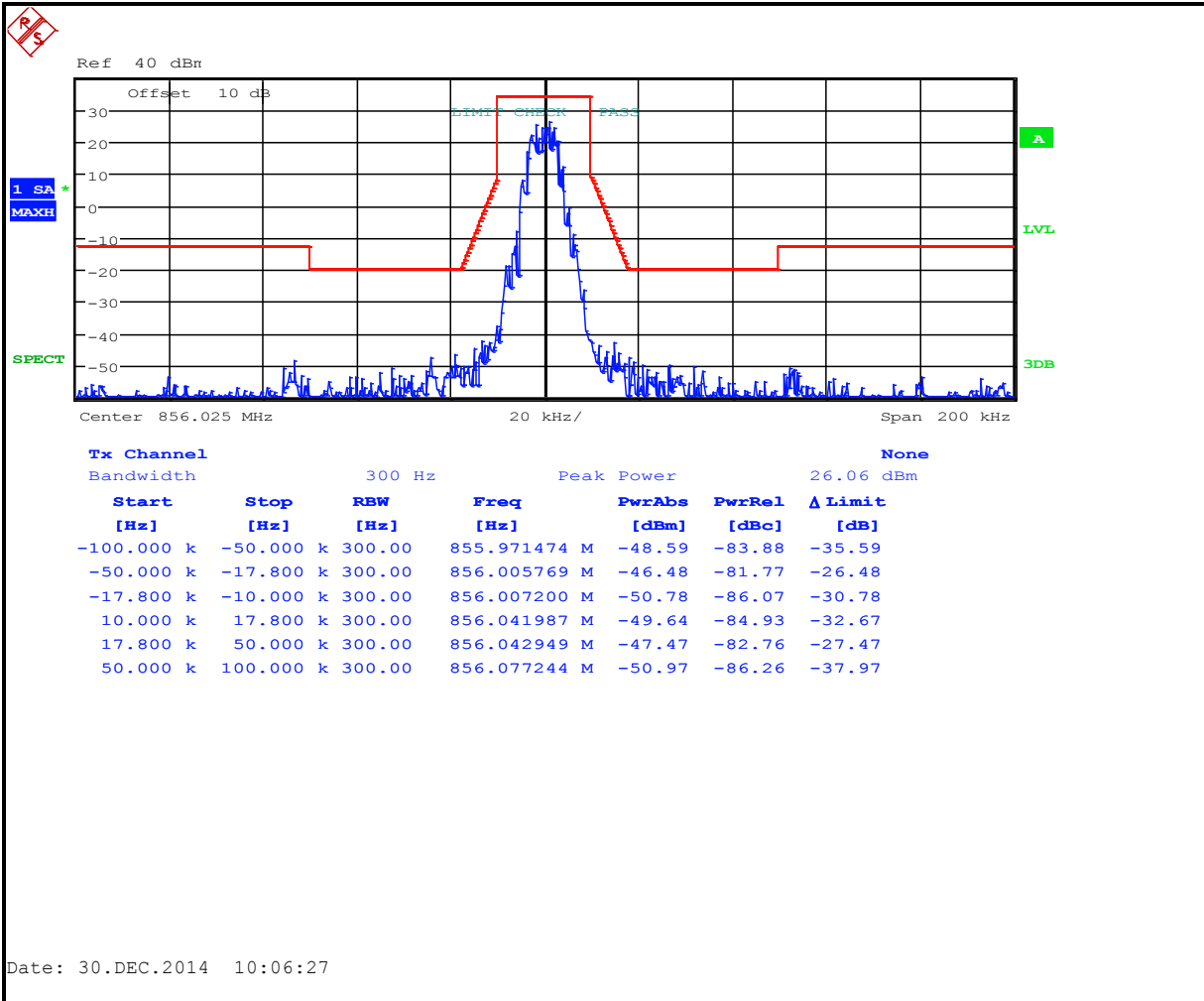
**Plot 8-252: Occupied Bandwidth – 815.9875 MHz; C4FM Phase 2 (Mask G)**



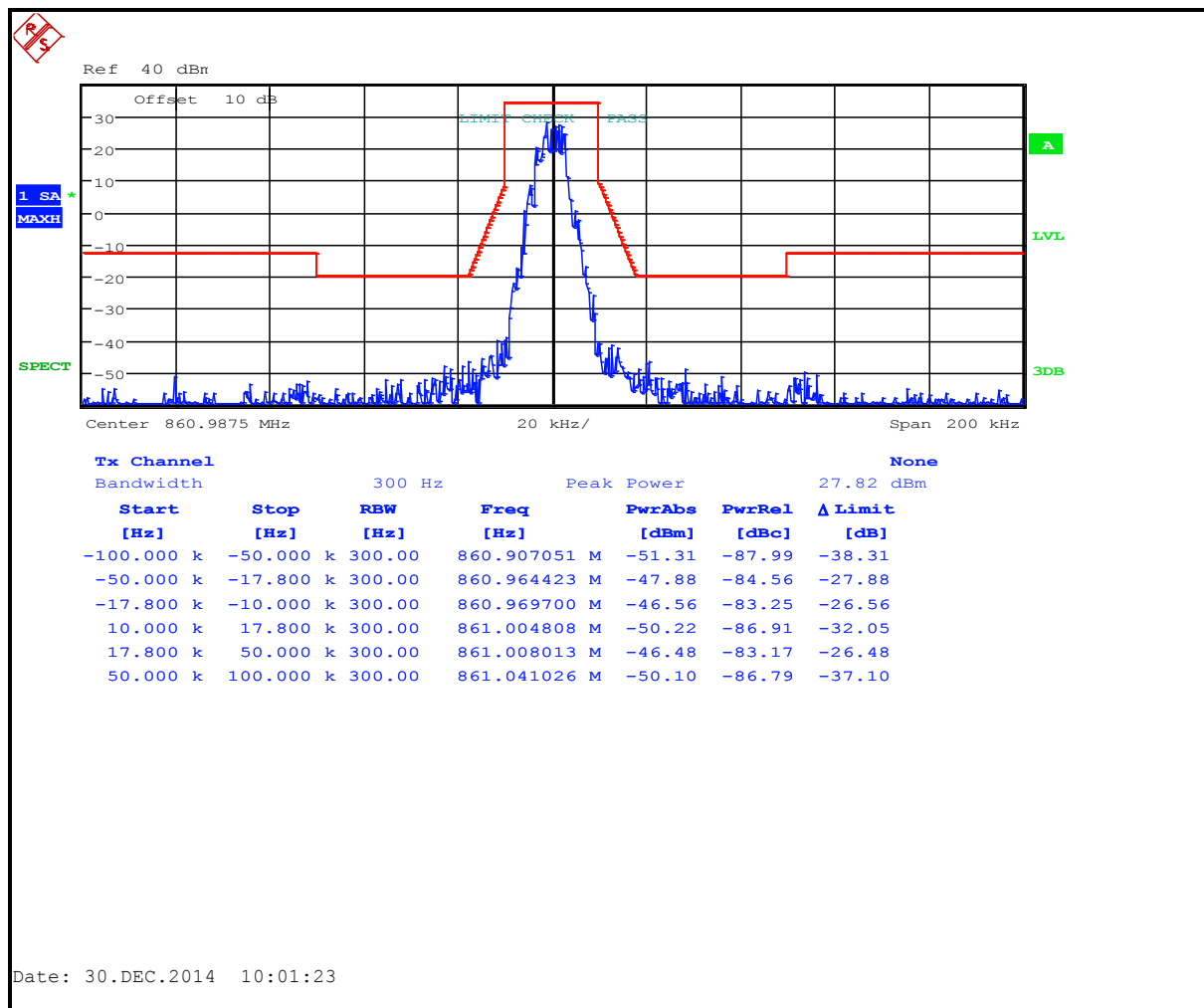
**Plot 8-253: Occupied Bandwidth – 851.0250 MHz; C4FM Phase 2 (Mask H)**



**Plot 8-254: Occupied Bandwidth – 856.025 MHz; C4FM Phase 2 (Mask G)**



**Plot 8-255: Occupied Bandwidth – 860.9875 MHz; C4FM Phase 2 (Mask G)**



**Table 8-1: Test Equipment Used For Testing Occupied Bandwidth**

| RTL Asset # | Manufacturer          | Model    | Part Type                         | Serial Number | Calibration Due Date |
|-------------|-----------------------|----------|-----------------------------------|---------------|----------------------|
| 901581      | Rohde & Schwarz       | FSU      | Spectrum Analyzer                 | 1166.1660.50  | 11/13/15             |
| 900819      | Weinschel Corporation | 2        | 10 dB Attenuator; 5 W             | BF0830        | 7/1/15               |
| 900948      | Weinschel Corporation | 47-10-43 | Attenuator DC-18 GHz<br>10 dB 50W | BH1487        | 6/16/15              |

**Test Personnel:**

Daniel Baltzell  
Test Engineer

Signature

December 19 2014 –  
February 18, 2015  
Dates of Tests