

TEST REPORT

REPORT NO: **SATEL-TR-30012013-TiM**

TEST PERIOD: 30.1.2013

TEST SITE: Satel / R&D Dept., Salo

DEVICE UNDER TEST: **SATEL-TA13 (PCB:SPL0005g PSN:1223000148)**

TESTS PERFORMED:

- Occupied bandwidth at 12.5 kHz channel spacing (pages 2-4, figures 1-3)
- Occupied bandwidth at 25 kHz channel spacing (pages 5-7, figures 4-6)

LIST OF MEASURING EQUIPMENT:

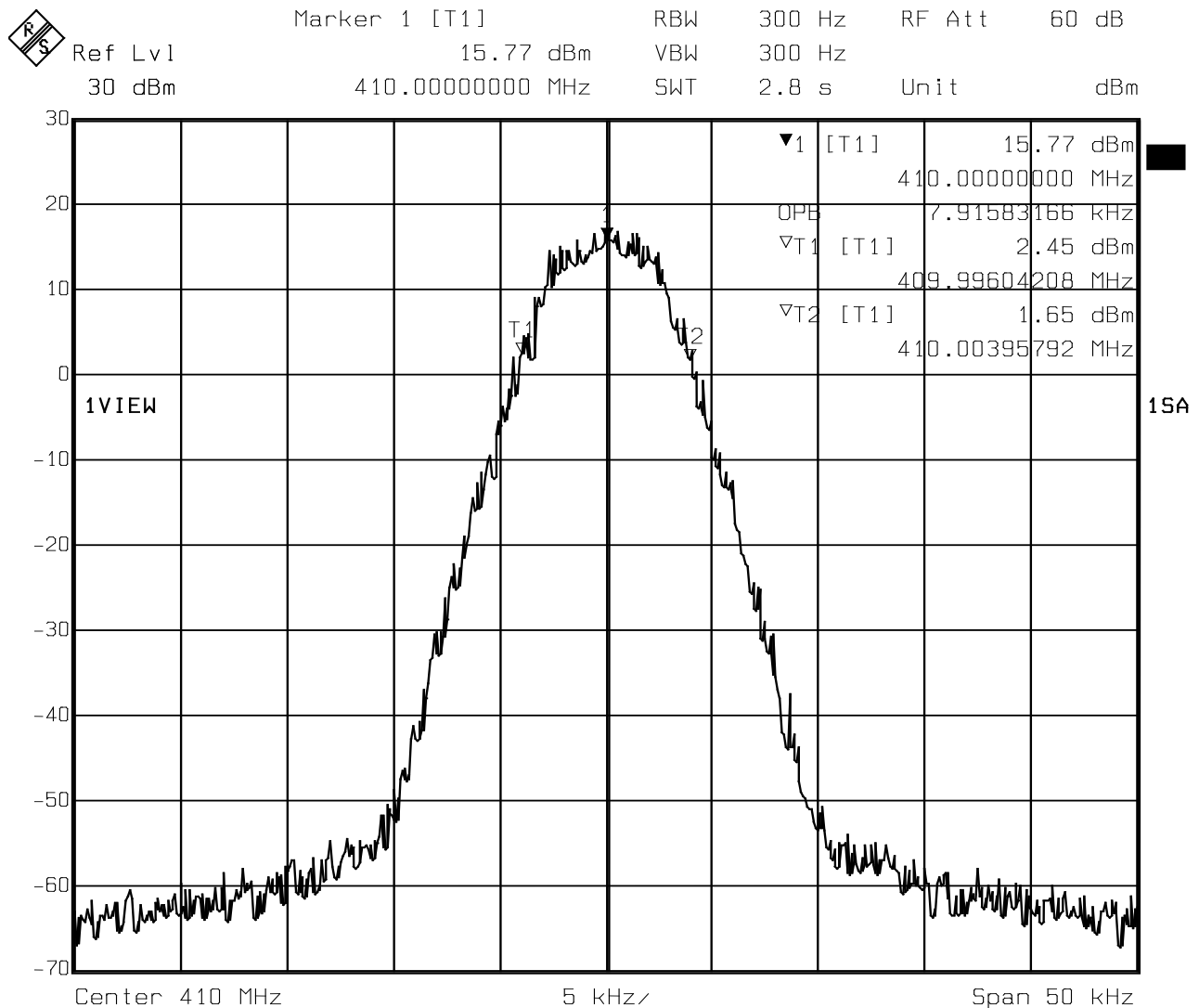
- Power supply Thurlby Thandar Instruments EX354T Serial nro. 140816
- Spectrum analyzer Rohde & Schwarz FSEA Serial nro. 826029/013, Calibrated 2012-Jun-28

TESTS PERFORMED BY:

Timoteus Marttila

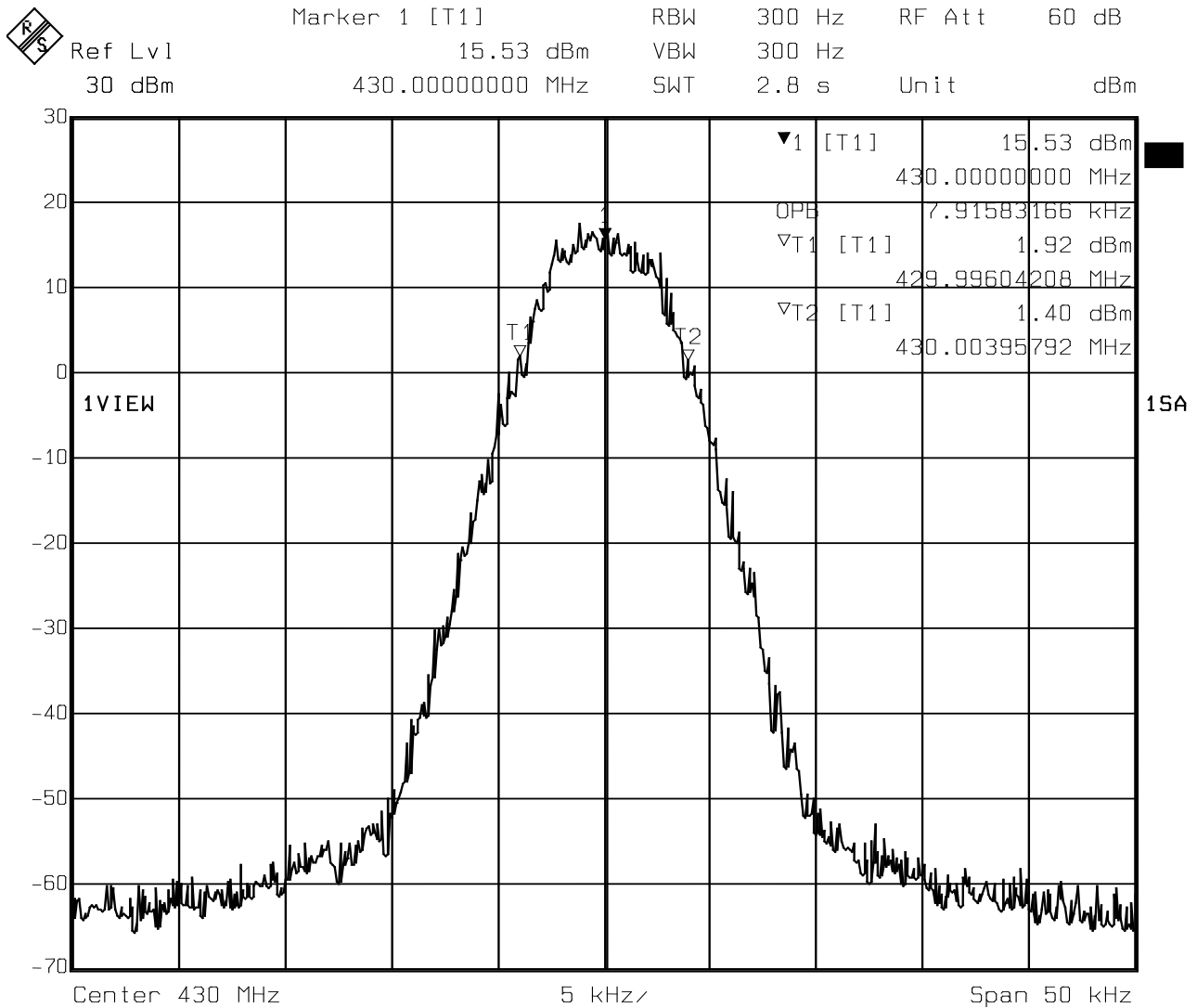
TEST RESULTS

#1 Test at 12.5 kHz channel spacing



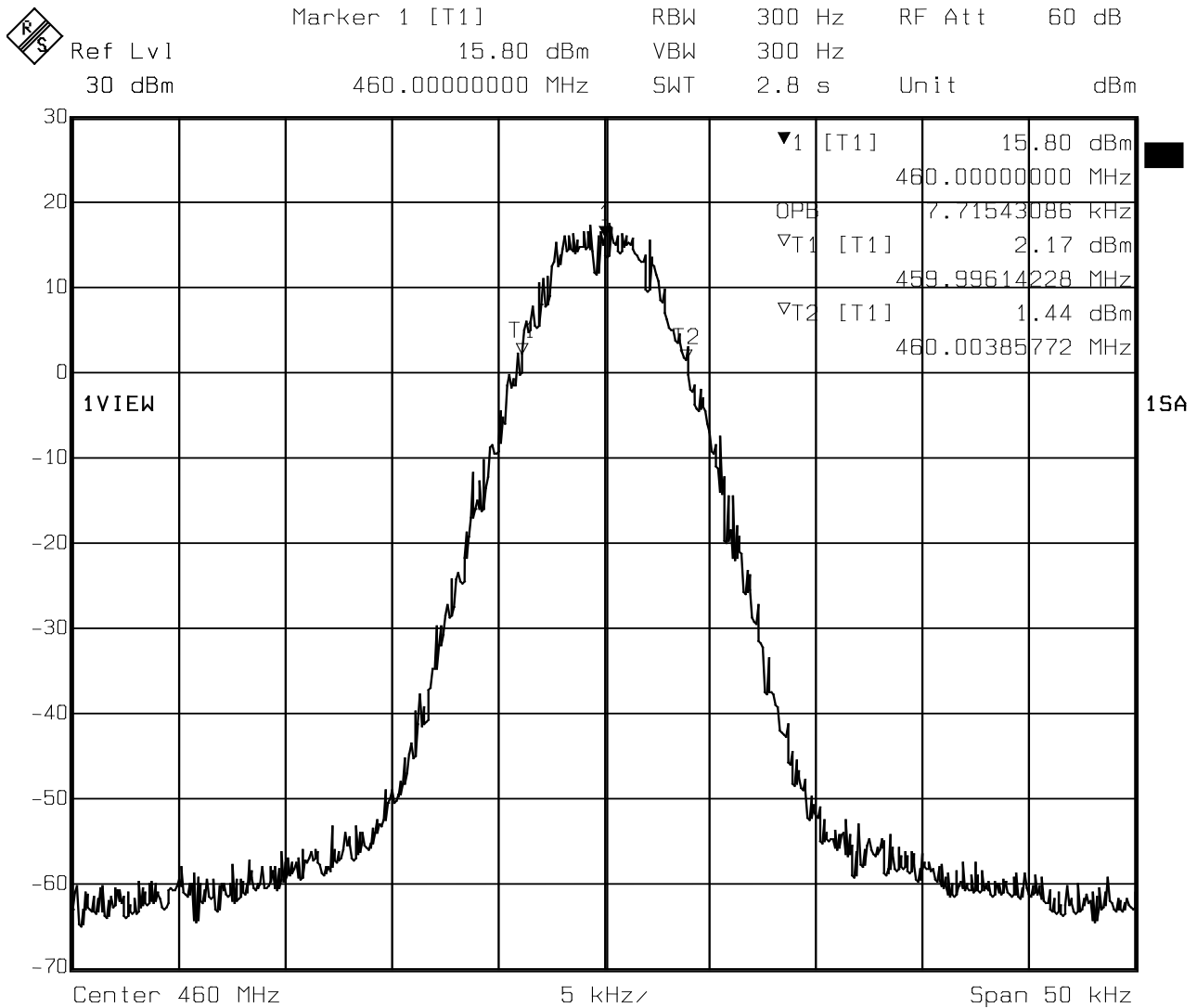
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Figure 1.
Occupied bandwidth, frequency 410MHz, channel 12.5 kHz.
OBW = 7.9 kHz.



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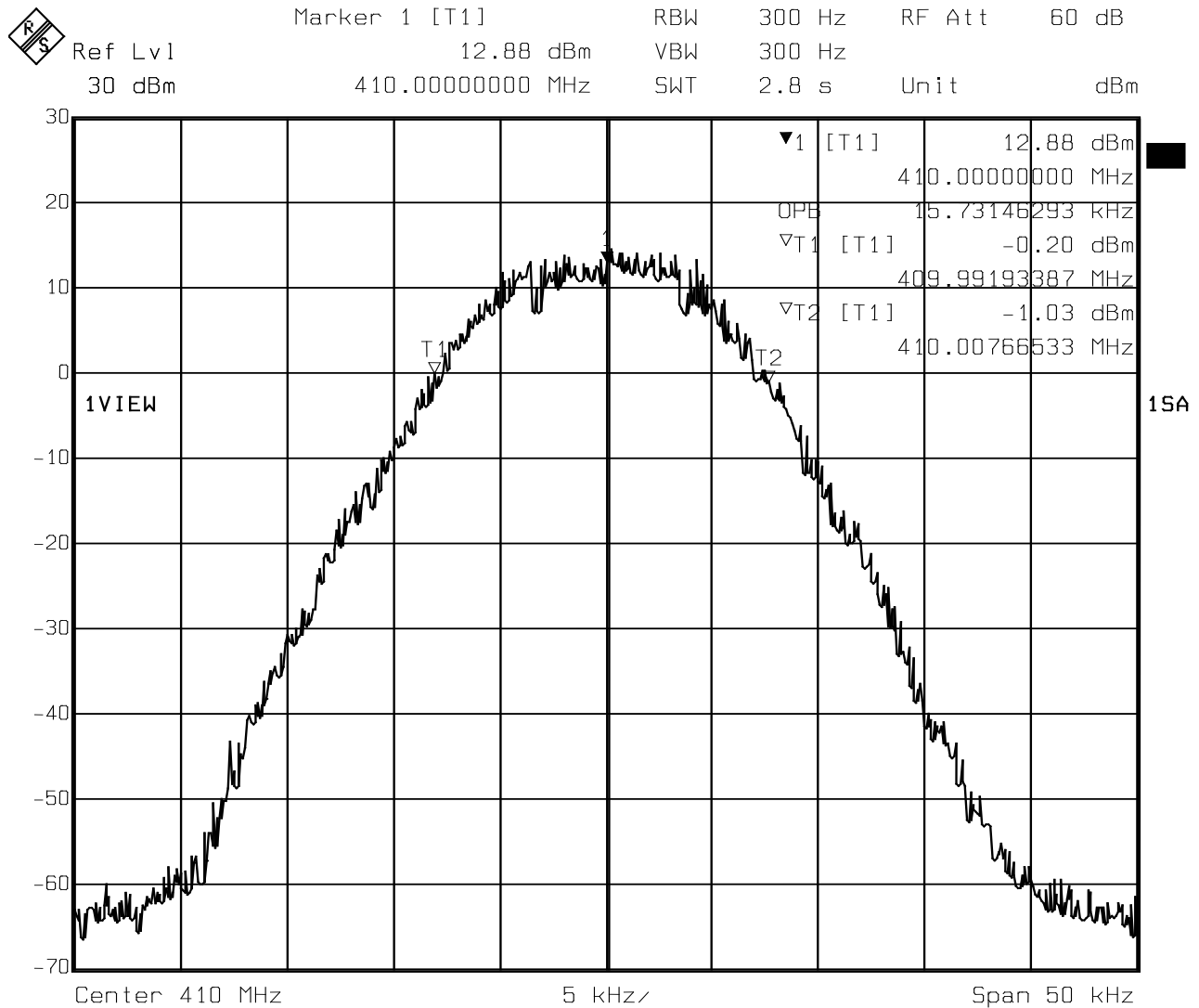
Figure 2.
Occupied bandwidth, frequency 430MHz, channel 12.5 kHz.
OBW = 7.9 kHz.



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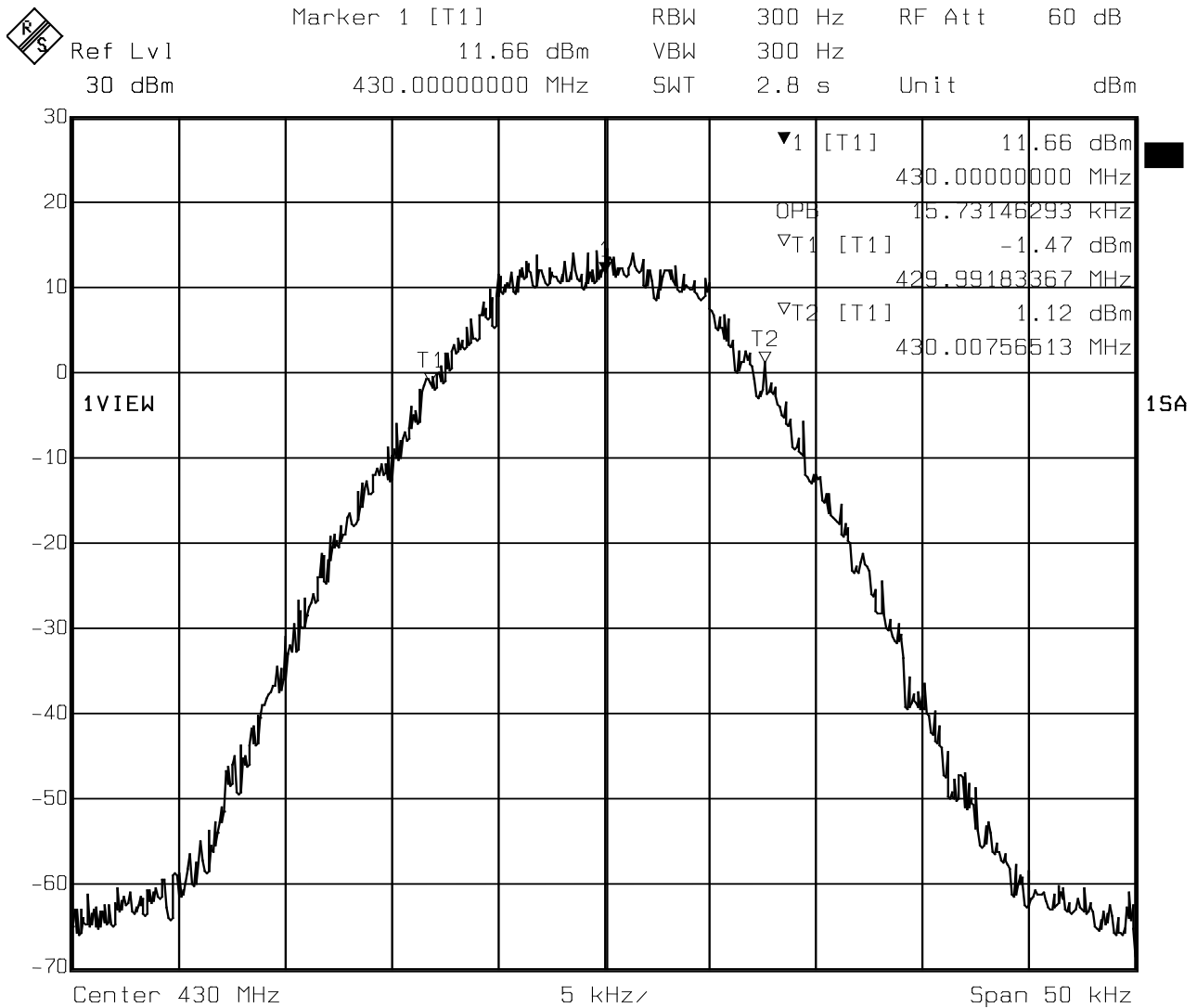
Figure 3.
Occupied bandwidth, frequency 460MHz, channel 12.5 kHz.
OBW = 7.7 kHz.

#2 Test at 25 kHz channel spacing



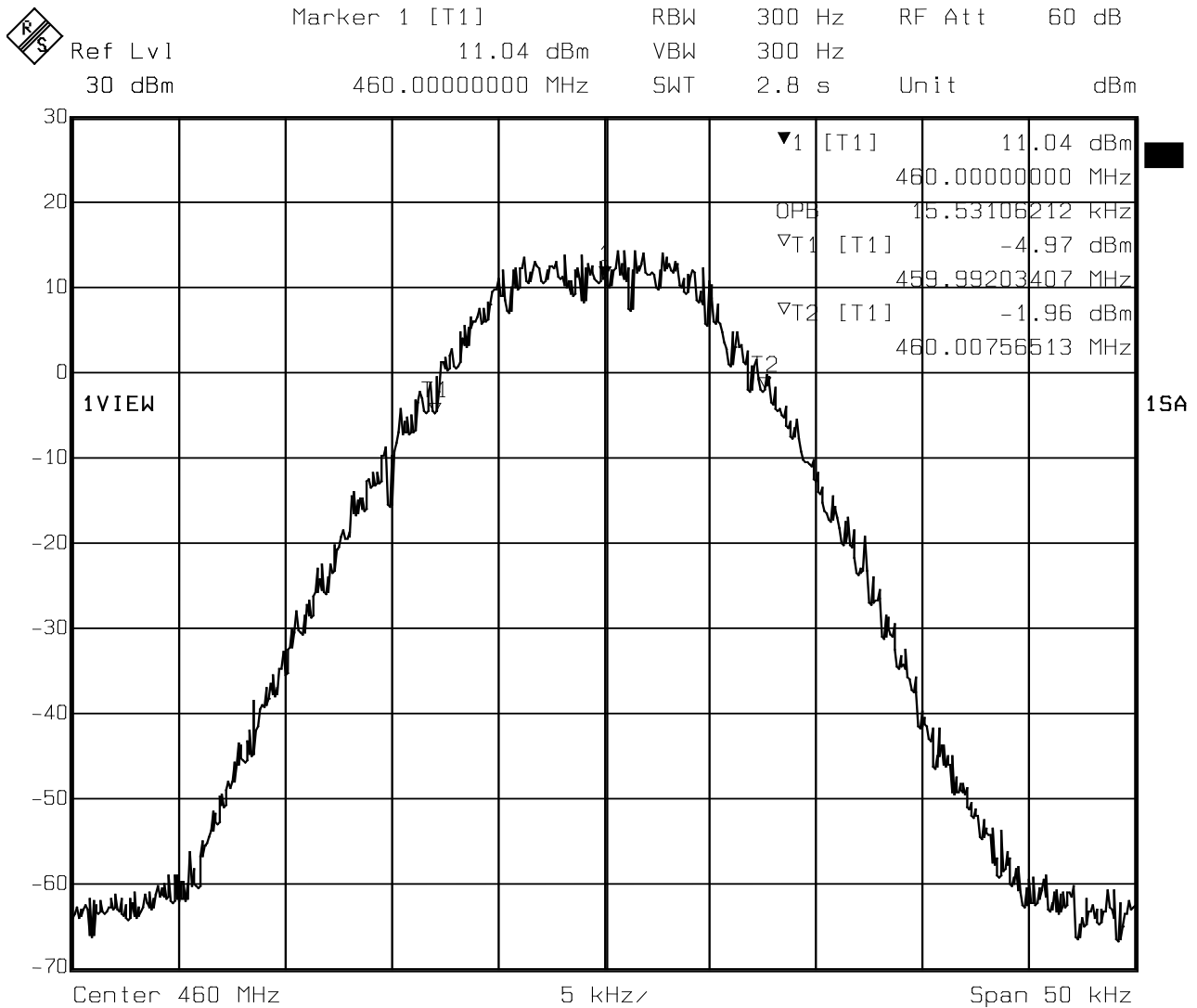
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Figure 4.
Occupied bandwidth, frequency 410MHz, channel 25 kHz.
OBW = 15.7 kHz.



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Figure 5.
 Occupied bandwidth, frequency 430MHz, channel 25 kHz.
 OBW = 15.7 kHz.



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Figure 6.
Occupied bandwidth, frequency 460MHz, channel 25 kHz.
OBW = 15.5 kHz.