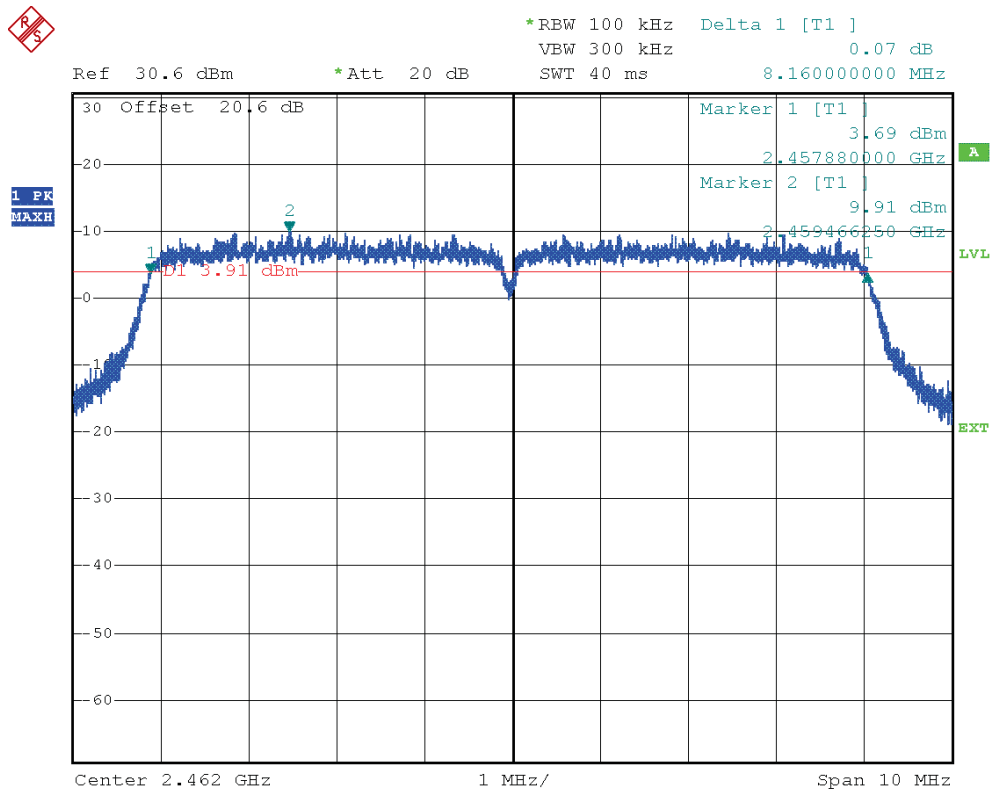
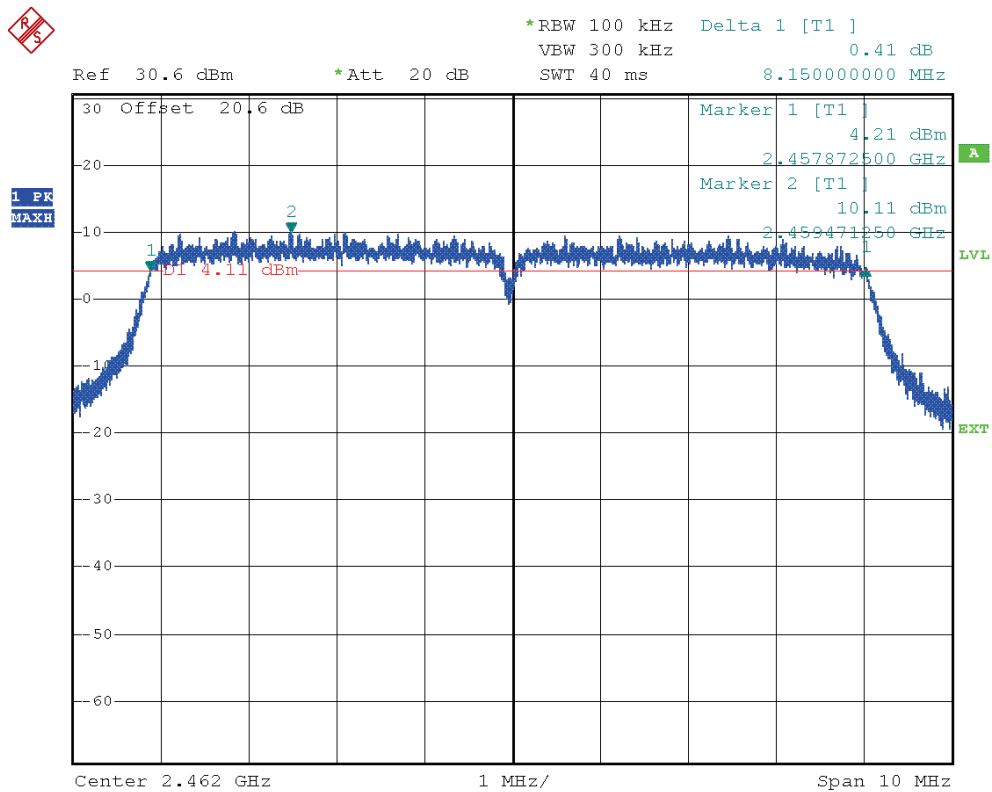


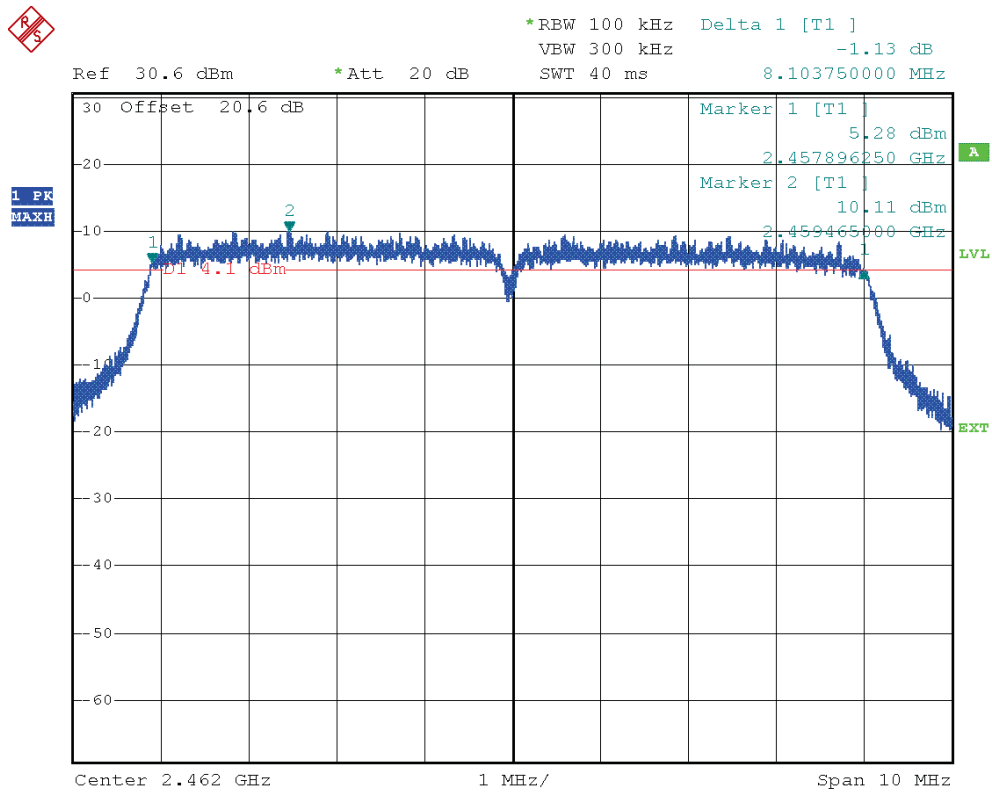
Channel 11 (F = 2462 MHz) – Mode 802.11g – bandwidth 10 MHz – Front Left



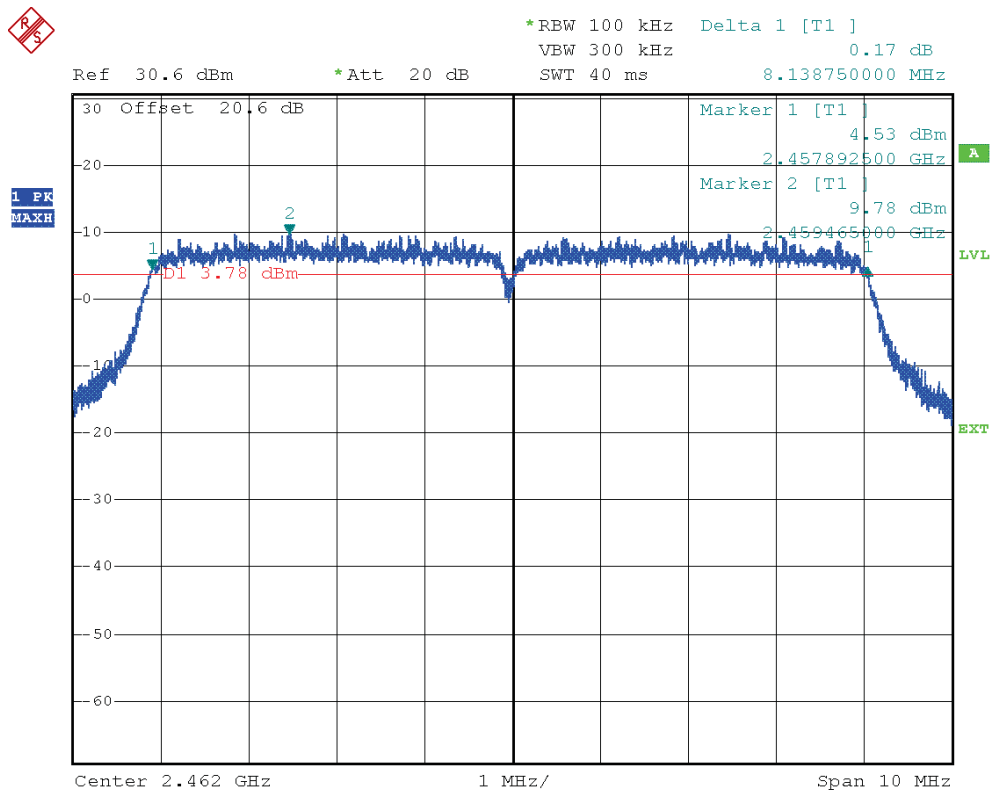
Channel 11 (F = 2462 MHz) – Mode 802.11g – bandwidth 10 MHz – Front Right



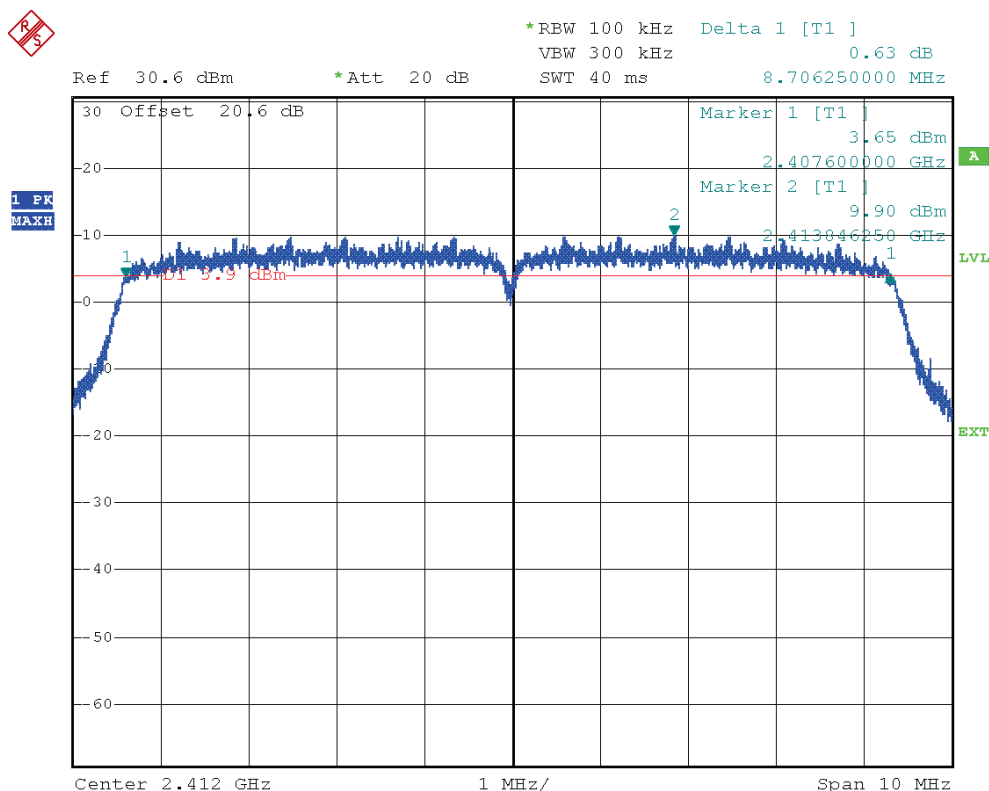
Channel 11 (F = 2462 MHz) – Mode 802.11g – bandwidth 10 MHz – Back Left



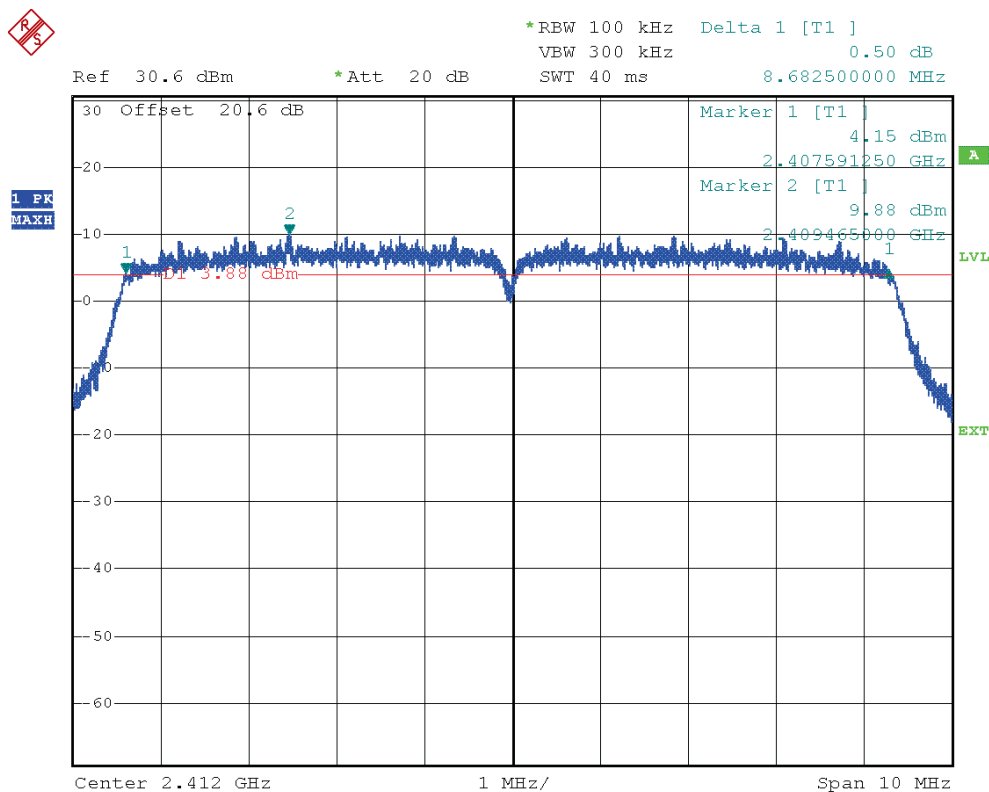
Channel 11 (F = 2462 MHz) – Mode 802.11g – bandwidth 10 MHz – Back Right



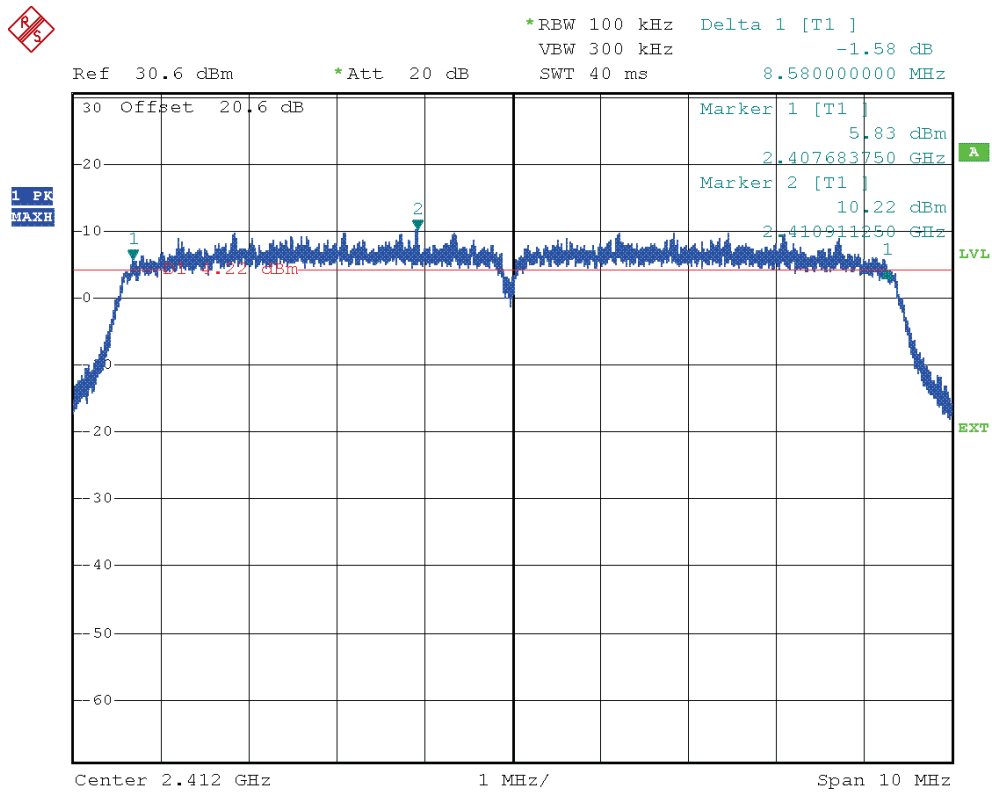
Channel 1 (F = 2412 MHz) – Mode 802.11n – bandwidth 10 MHz – Front Left



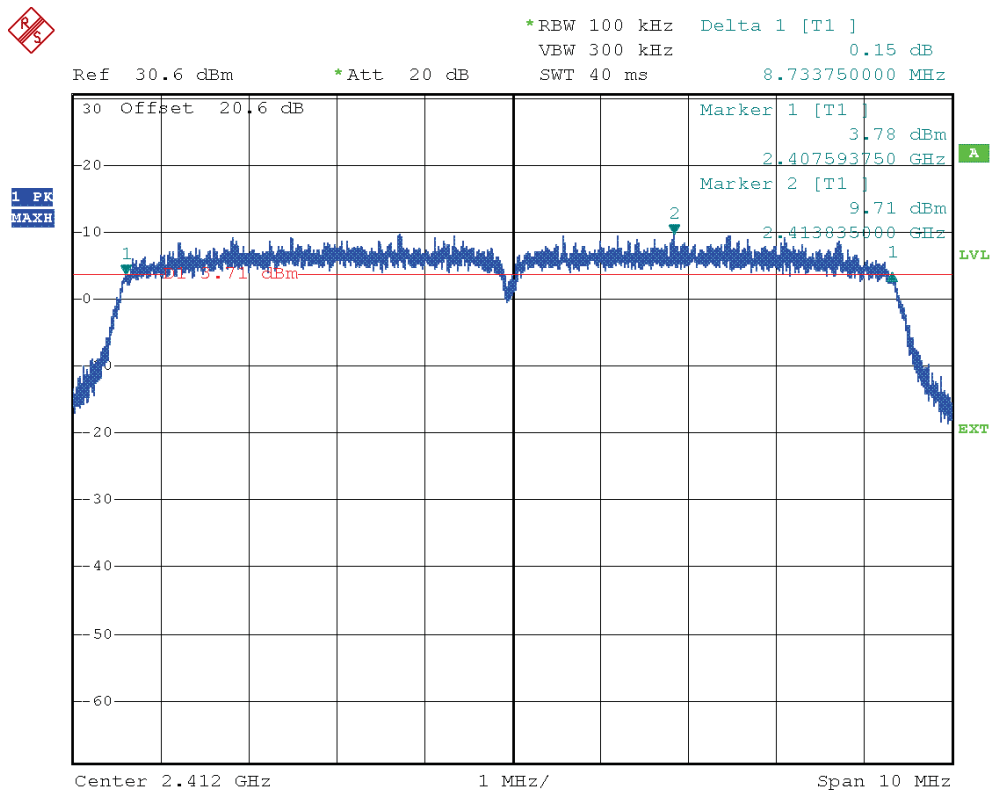
Channel 1 (F = 2412 MHz) – Mode 802.11n – bandwidth 10 MHz – Front Right



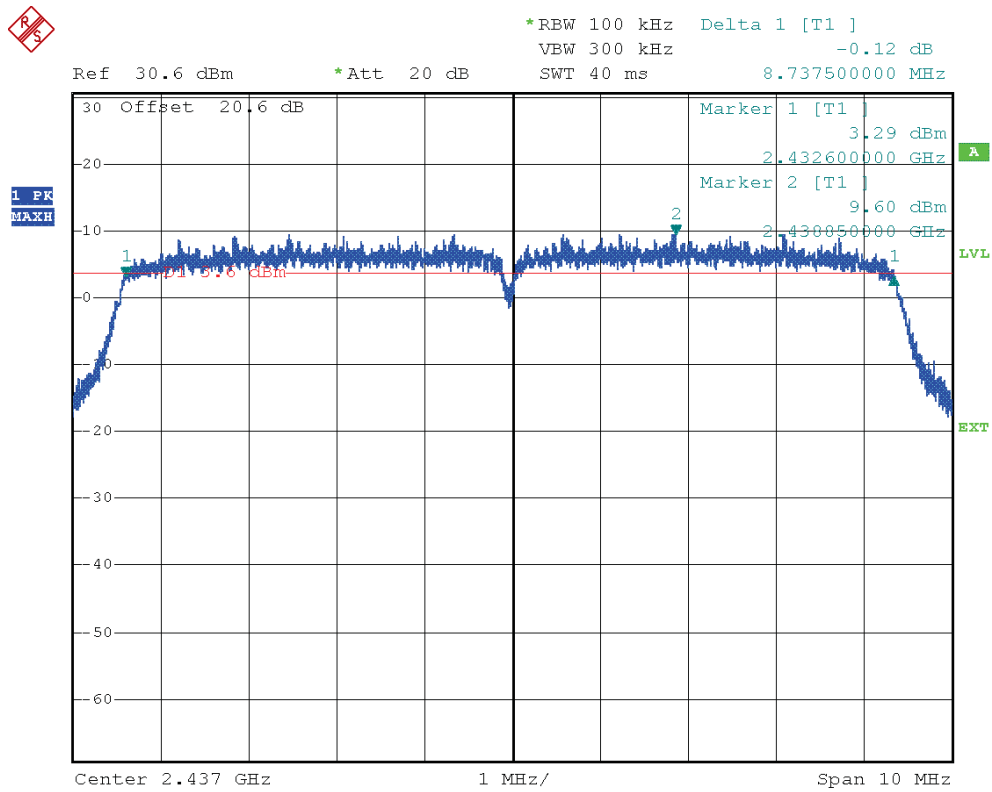
Channel 1 (F = 2412 MHz) – Mode 802.11n – bandwidth 10 MHz – Back Left



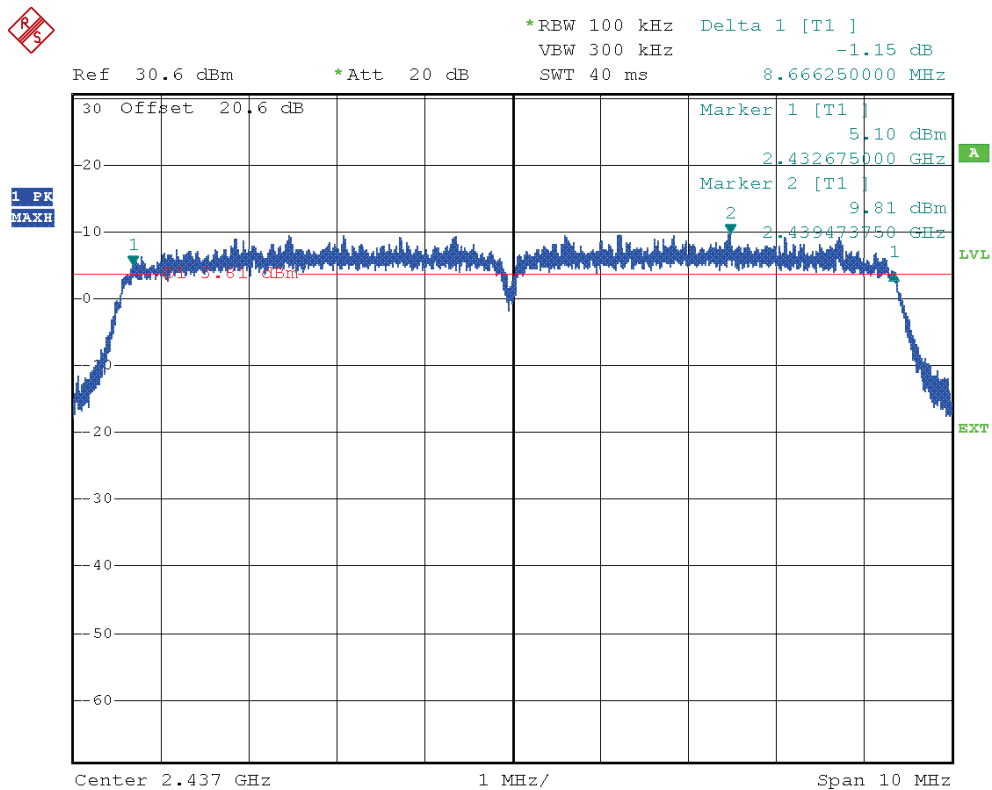
Channel 1 (F = 2412 MHz) – Mode 802.11n – bandwidth 10 MHz – Back Right



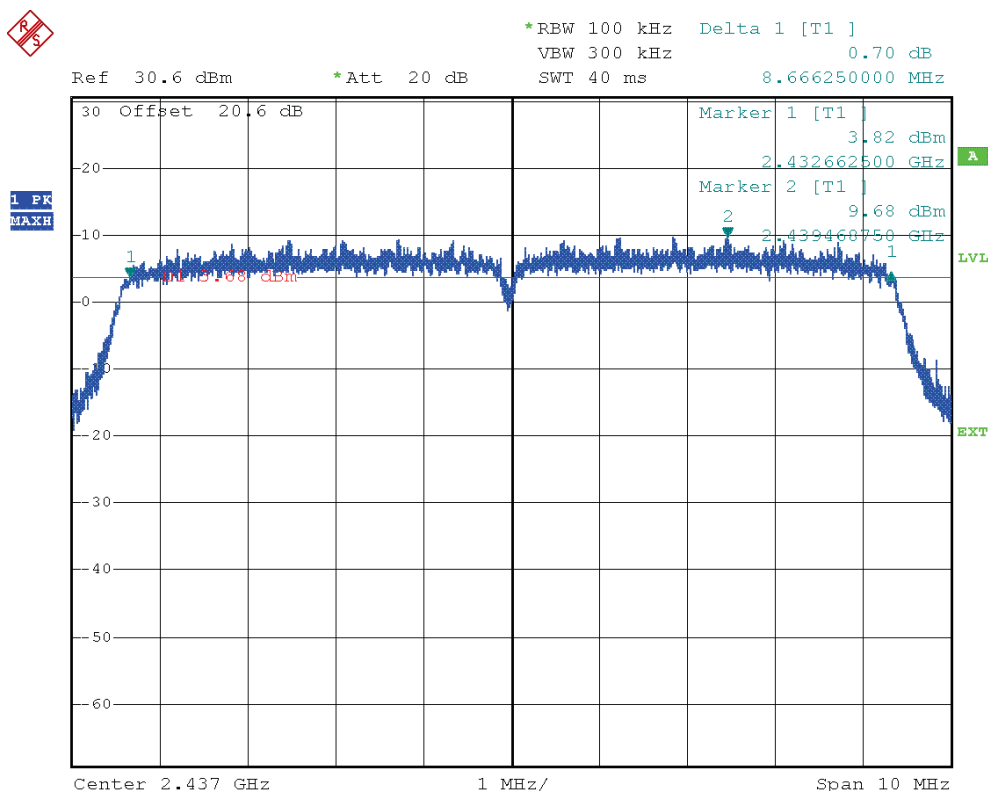
Channel 6 (F = 2437 MHz) – Mode 802.11n – bandwidth 10 MHz – Front Left



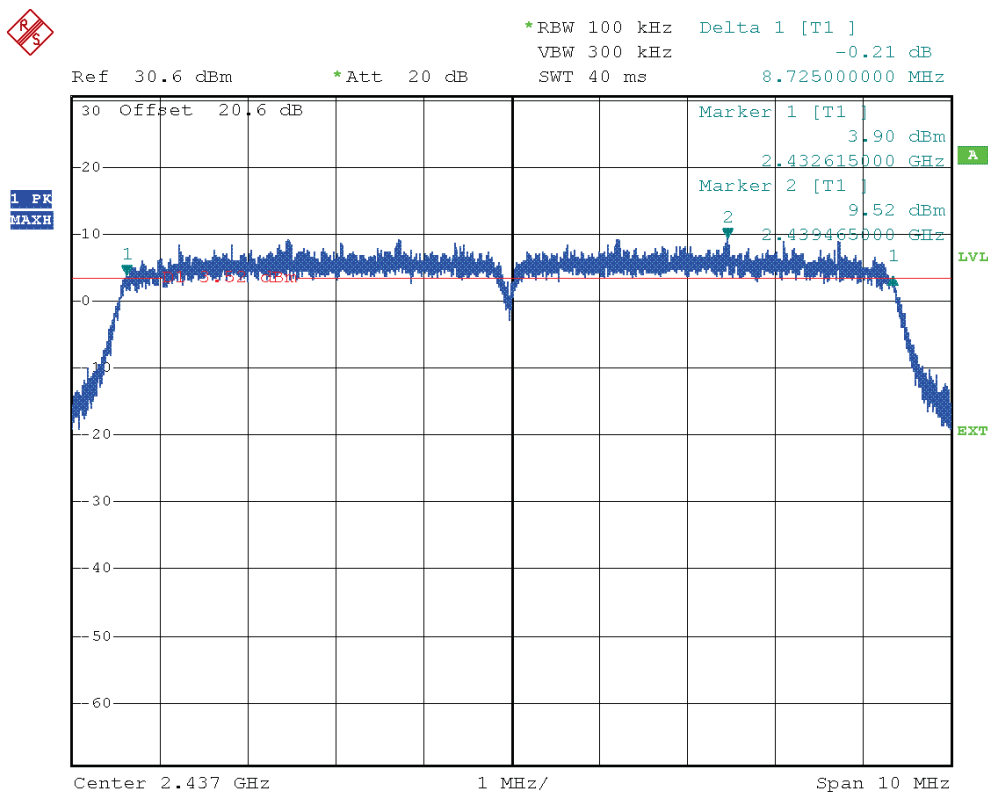
Channel 6 (F = 2437 MHz) – Mode 802.11n – bandwidth 10 MHz – Front Right



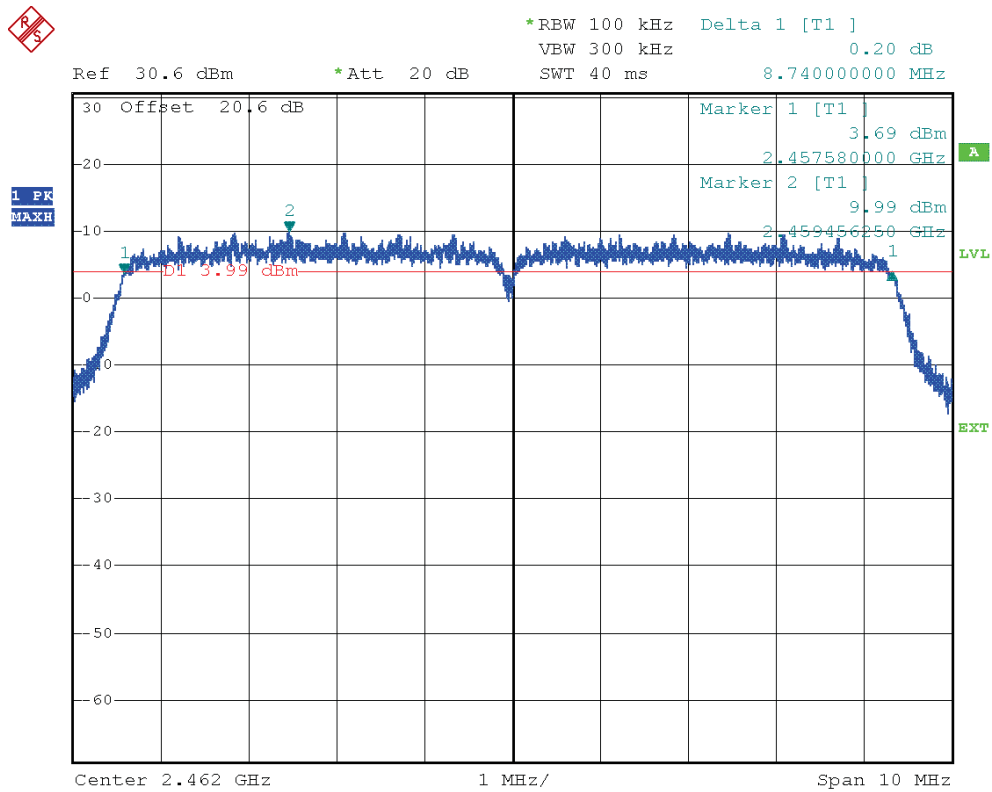
Channel 6 (F = 2437 MHz) – Mode 802.11n – bandwidth 10 MHz – Back Left



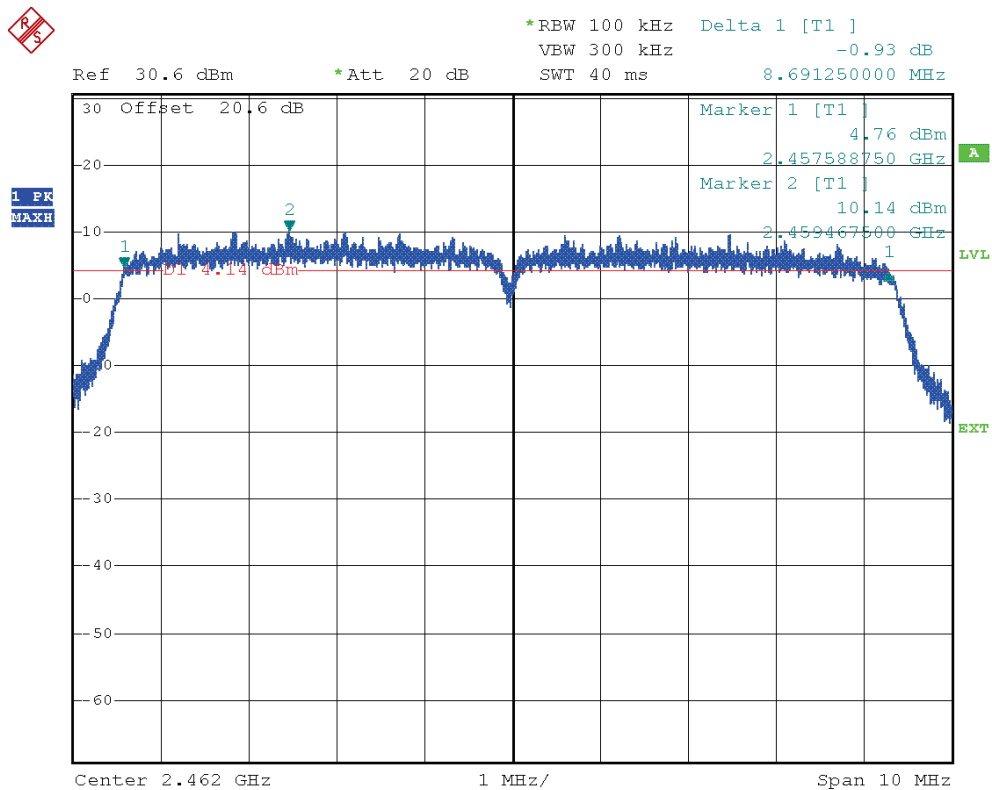
Channel 6 (F = 2437 MHz) – Mode 802.11n – bandwidth 10 MHz – Back Right



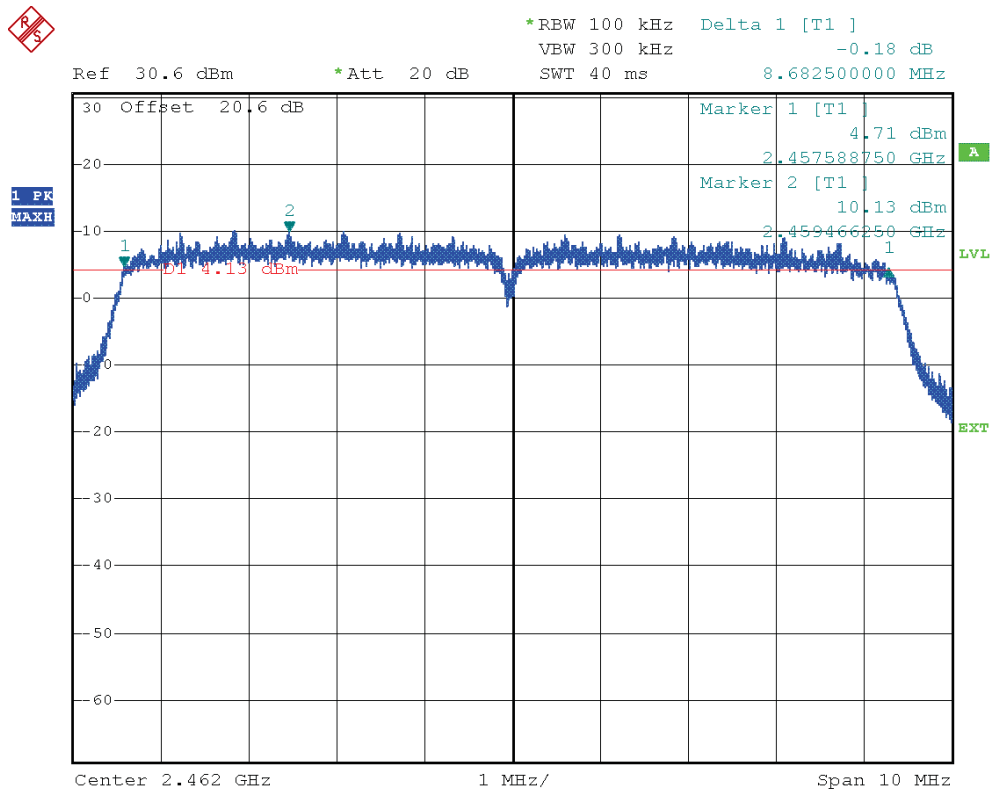
Channel 11 (F = 2462 MHz) – Mode 802.11n – bandwidth 10 MHz – Front Left



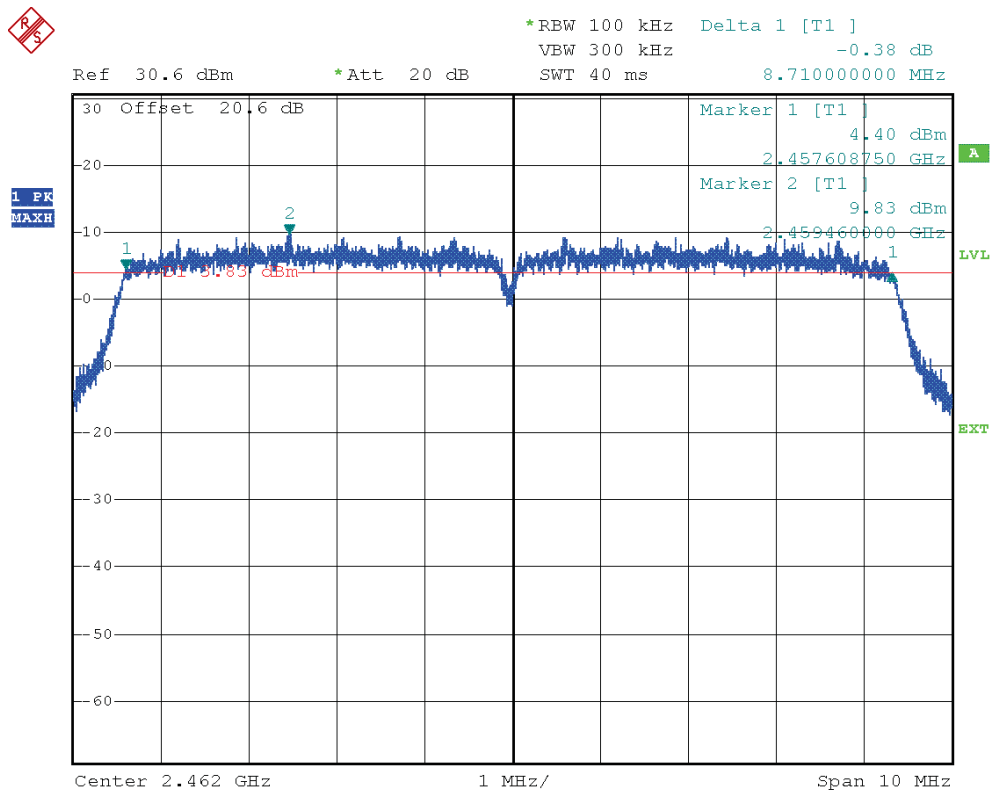
Channel 11 (F = 2462 MHz) – Mode 802.11n – bandwidth 10 MHz – Front Right



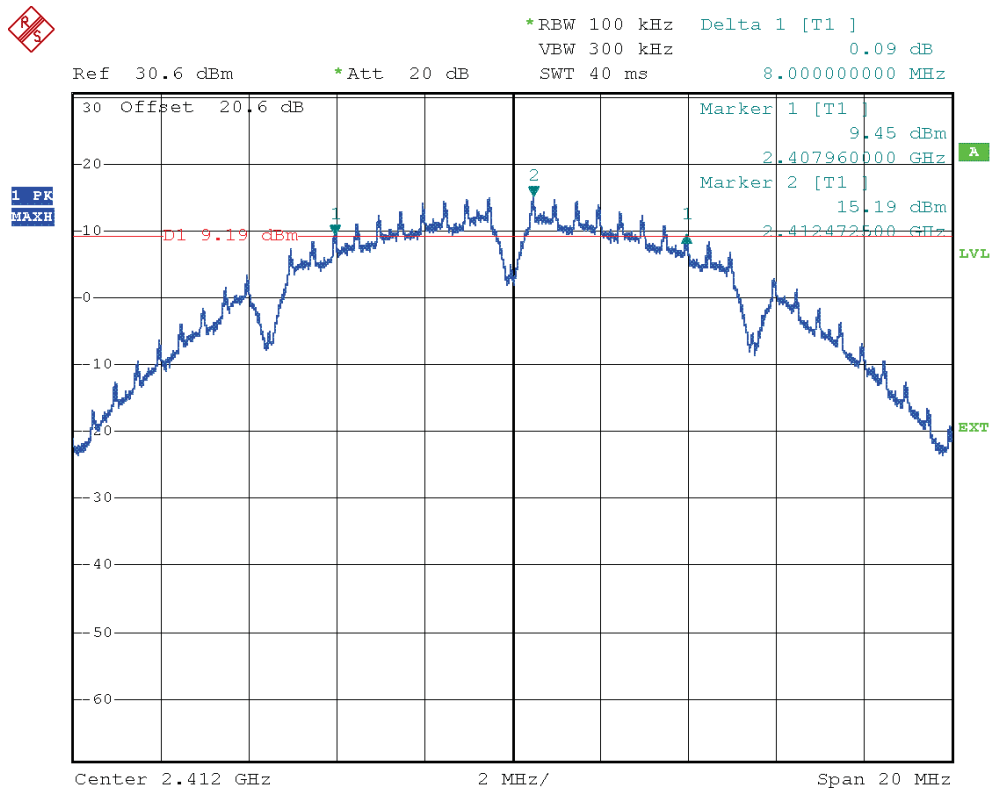
Channel 11 (F = 2462 MHz) – Mode 802.11n – bandwidth 10 MHz – Back Left



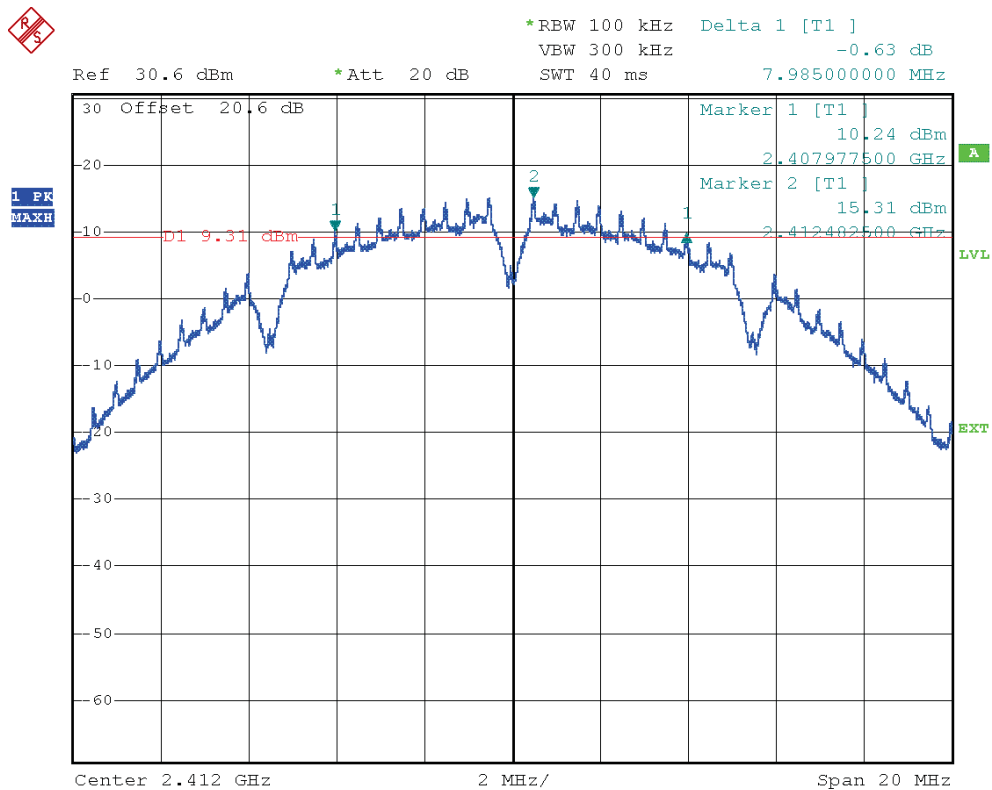
Channel 11 (F = 2462 MHz) – Mode 802.11n – bandwidth 10 MHz – Back Right



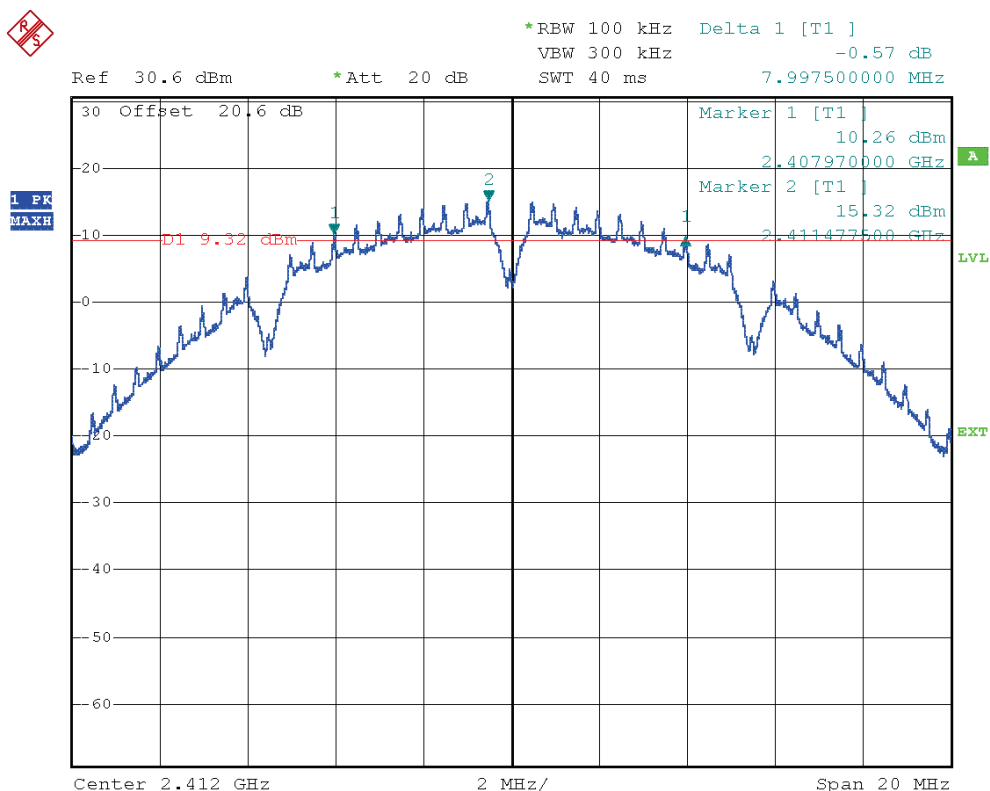
Channel 1 (F = 2412 MHz) – Mode 802.11b – bandwidth 20 MHz – Front Left



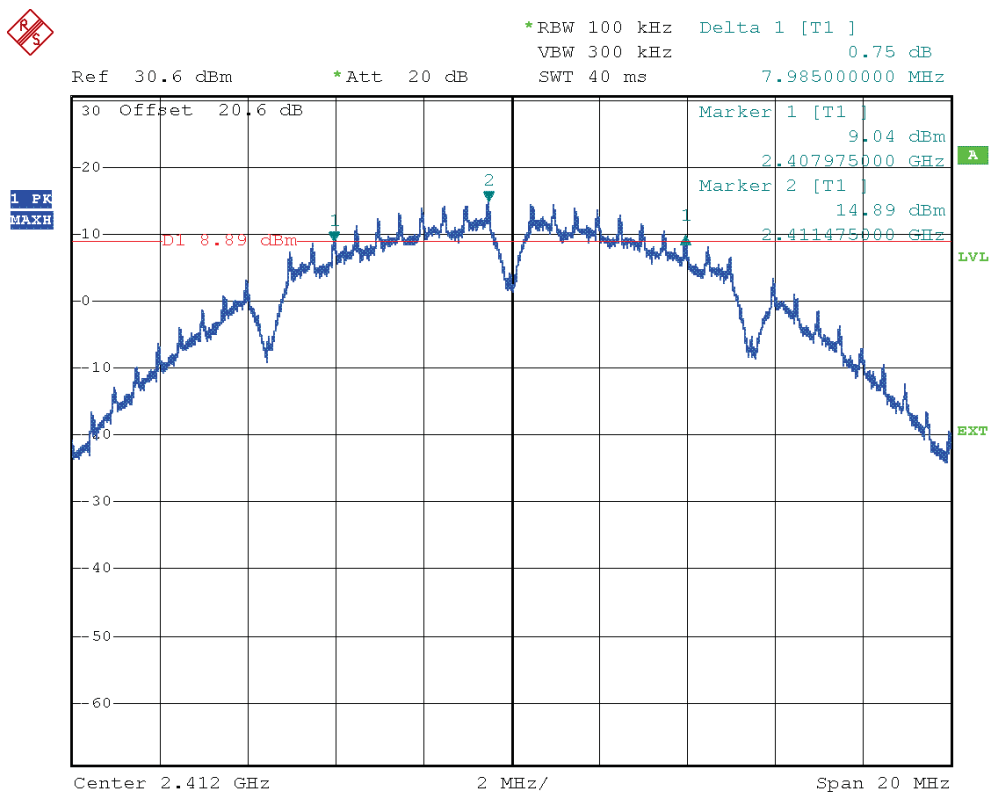
Channel 1 (F = 2412 MHz) – Mode 802.11b – bandwidth 20 MHz – Front Right



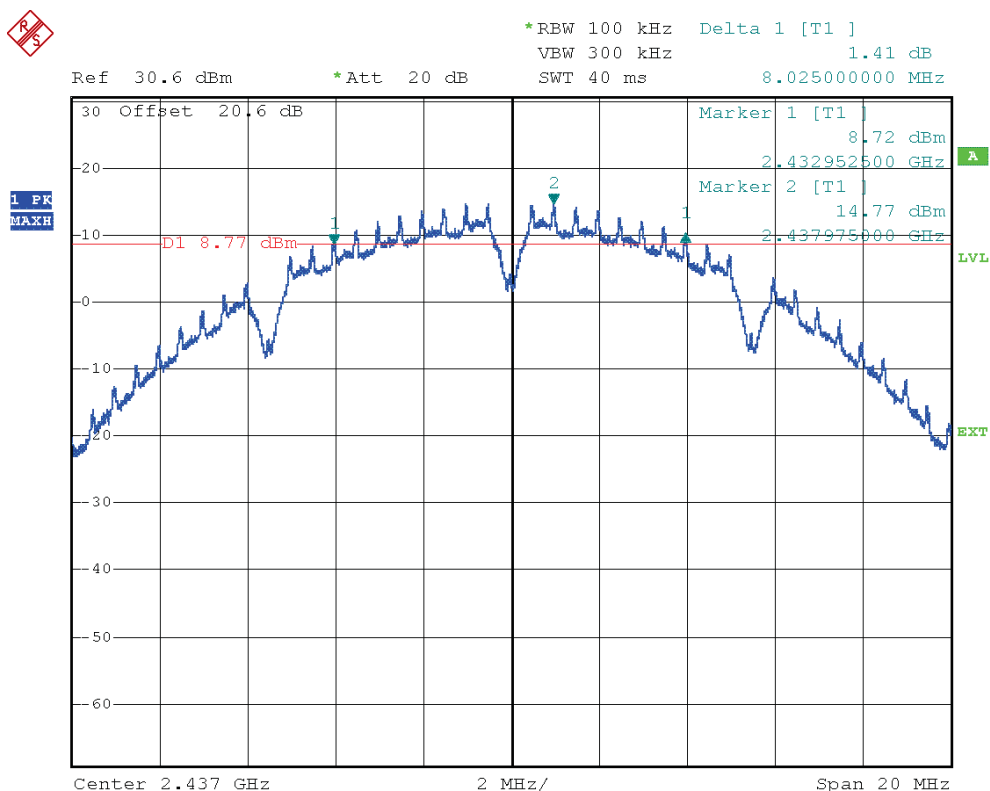
Channel 1 (F = 2412 MHz) – Mode 802.11b – bandwidth 20 MHz – Back Left



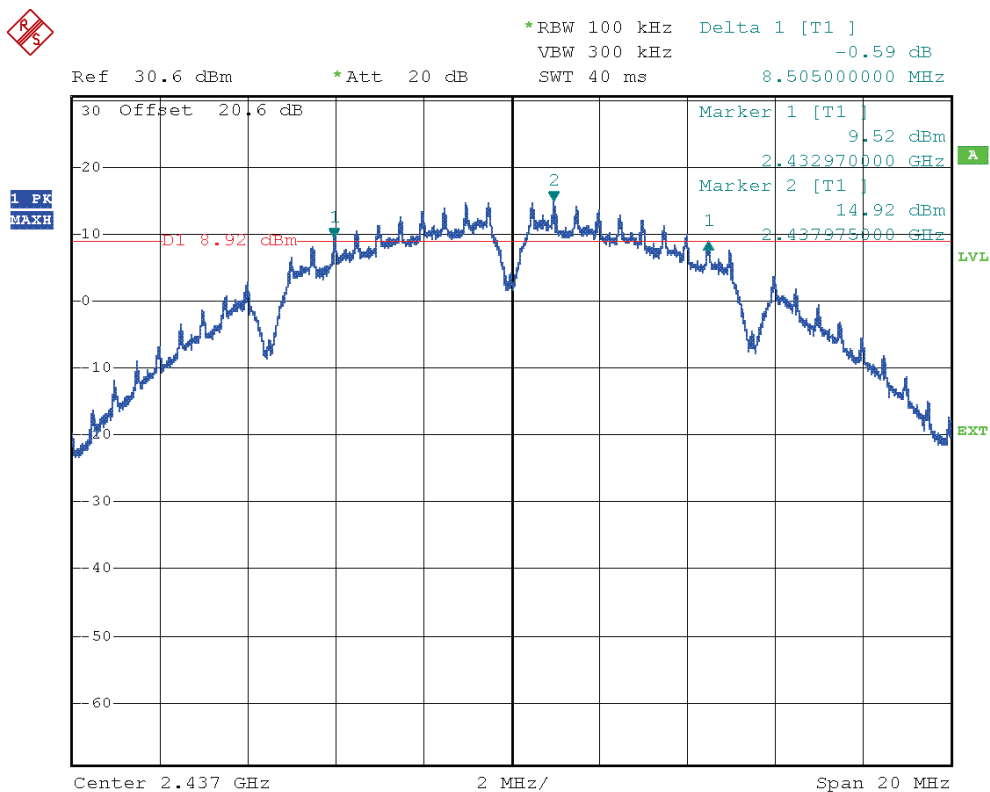
Channel 1 (F = 2412 MHz) – Mode 802.11b – bandwidth 20 MHz – Back Right



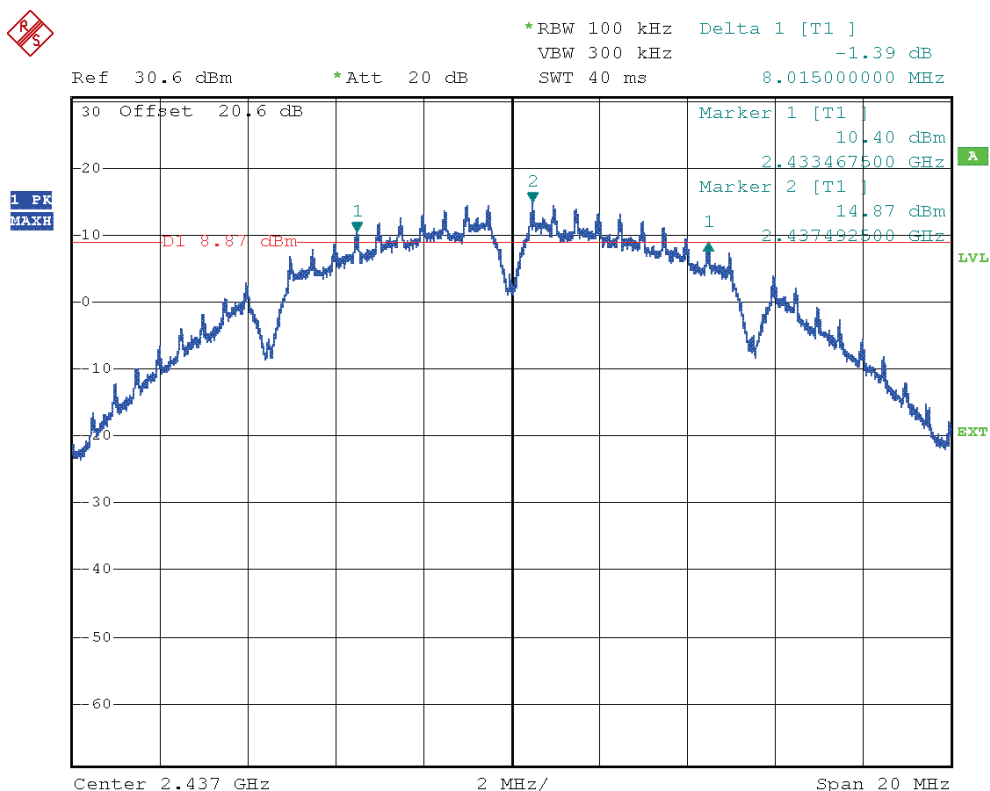
Channel 6 (F = 2437 MHz) – Mode 802.11b – bandwidth 20 MHz – Front Left



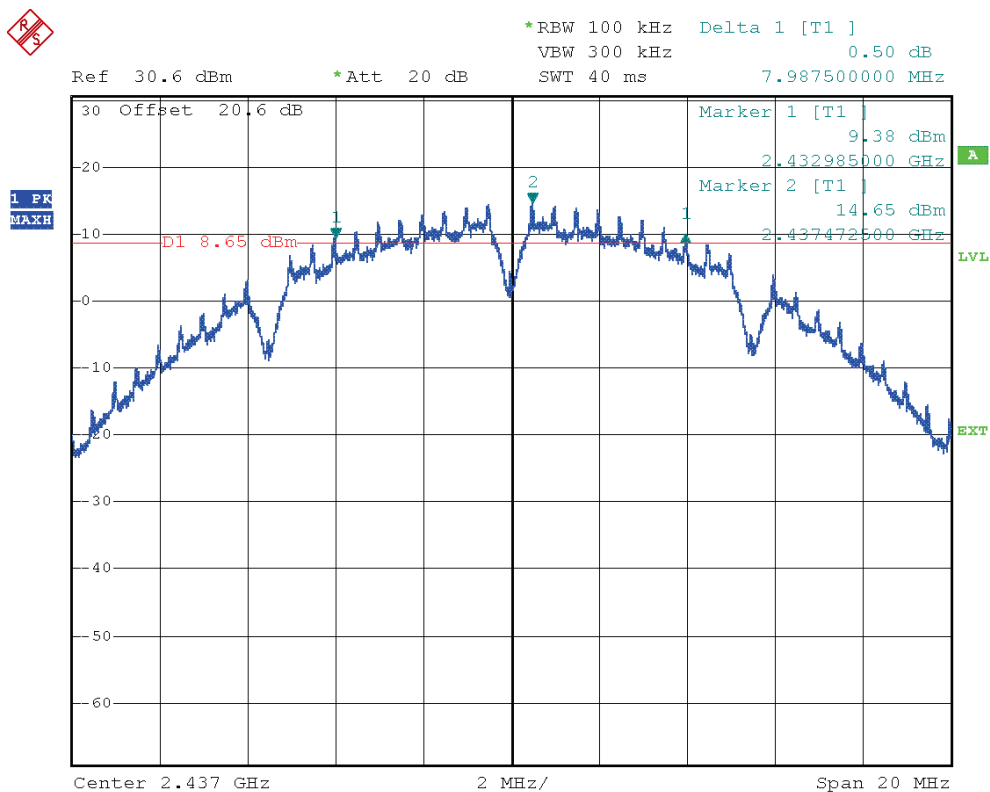
Channel 6 (F = 2437 MHz) – Mode 802.11b – bandwidth 20 MHz – Front Right



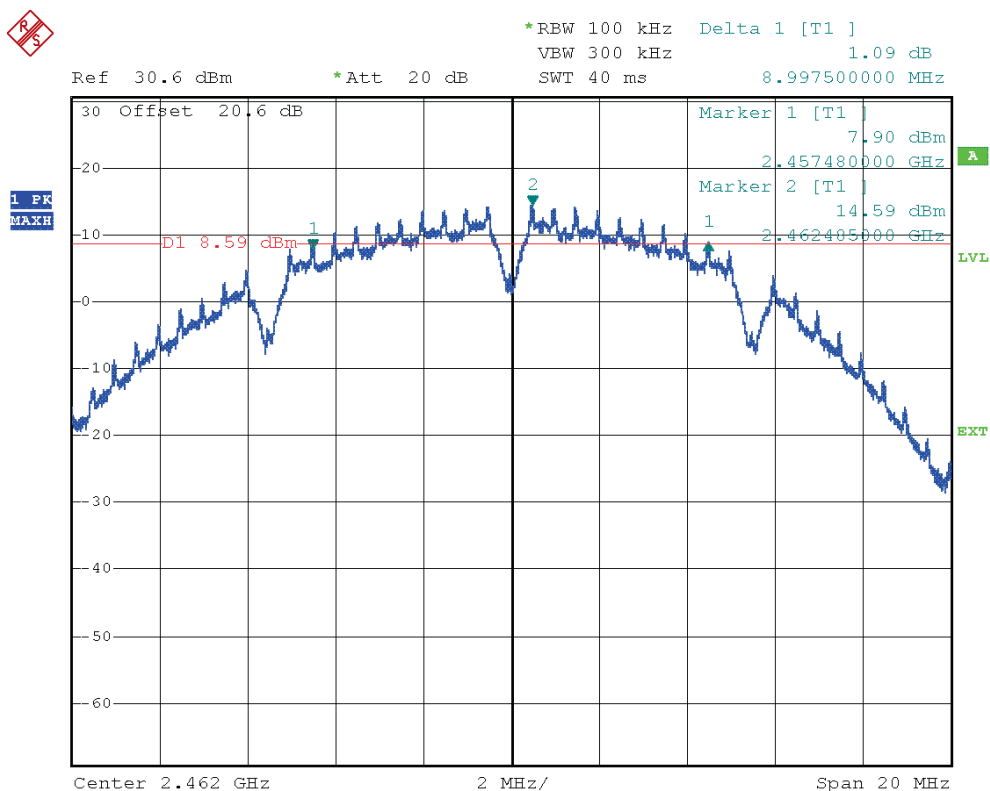
Channel 6 (F = 2437 MHz) – Mode 802.11b – bandwidth 20 MHz – Back Left



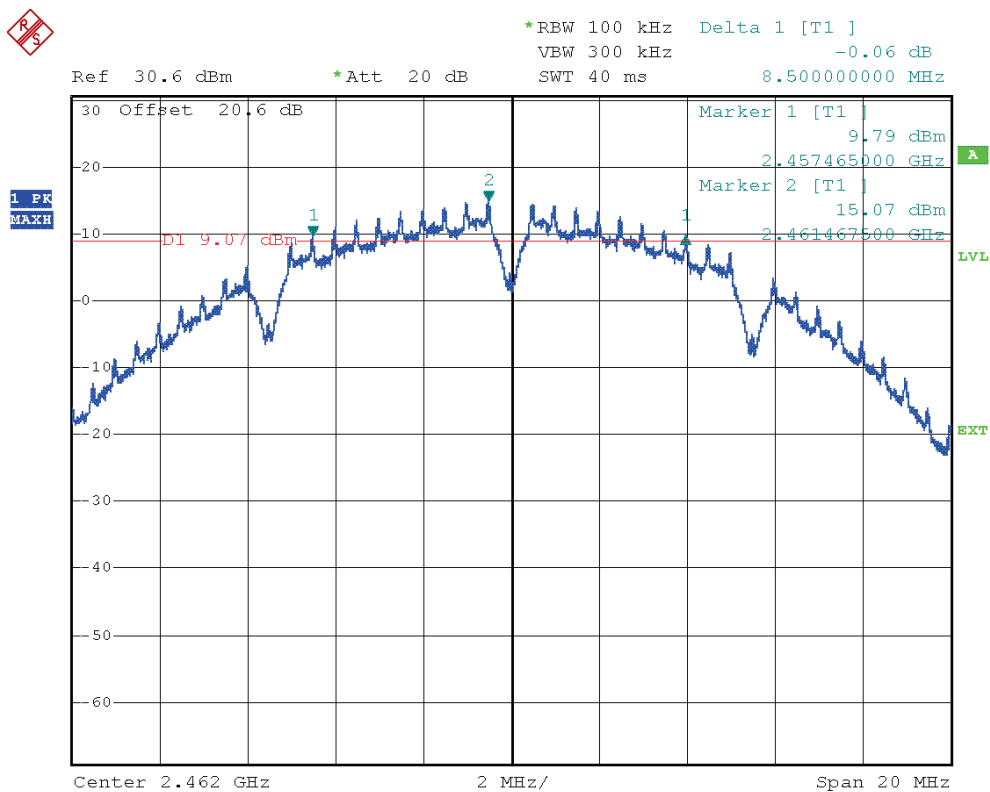
Channel 6 (F = 2437 MHz) – Mode 802.11b – bandwidth 20 MHz – Back Right



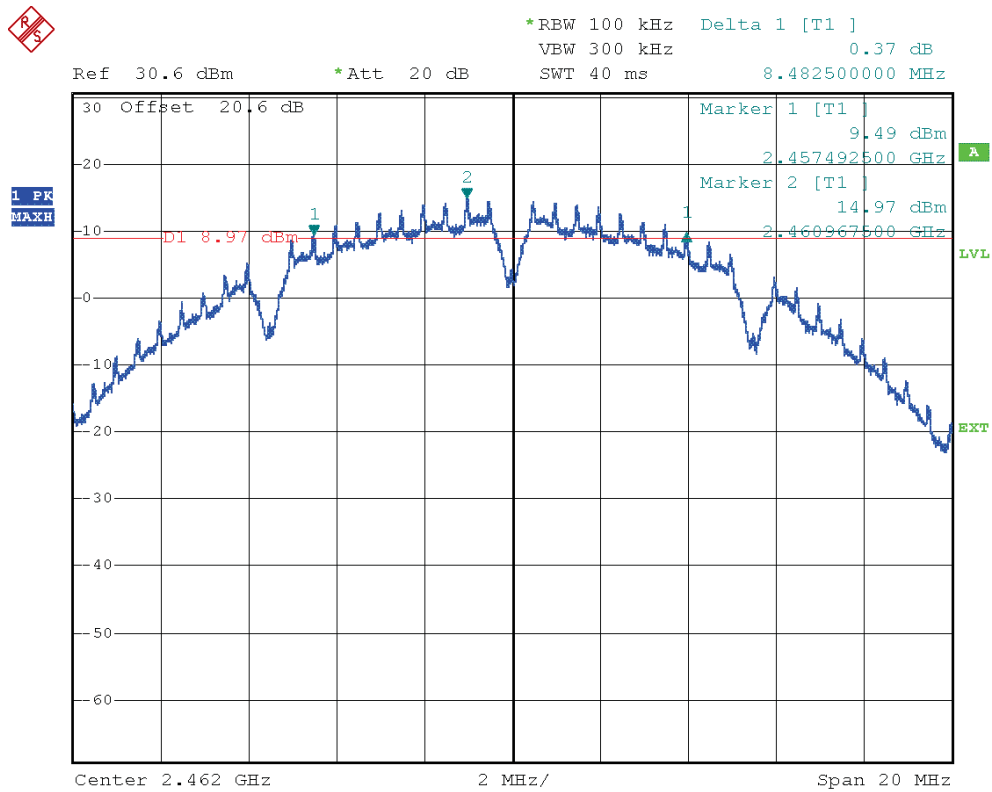
Channel 11 (F = 2462 MHz) – Mode 802.11b – bandwidth 20 MHz – Front Left



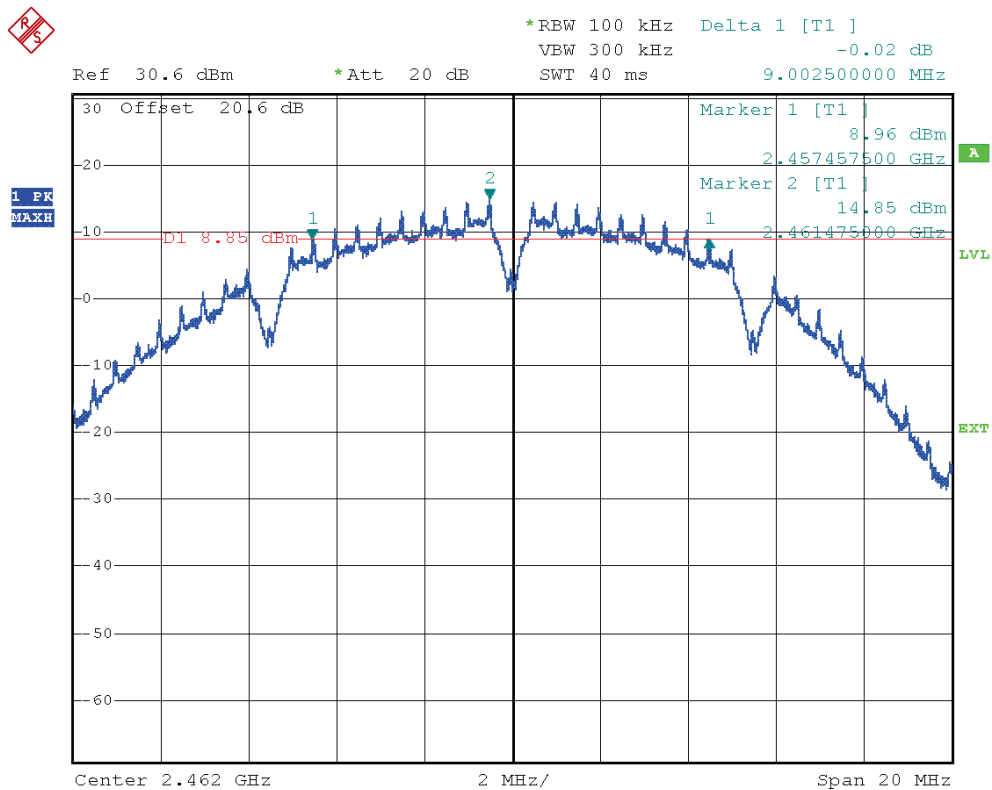
Channel 11 (F = 2462 MHz) – Mode 802.11b – bandwidth 20 MHz – Front Right



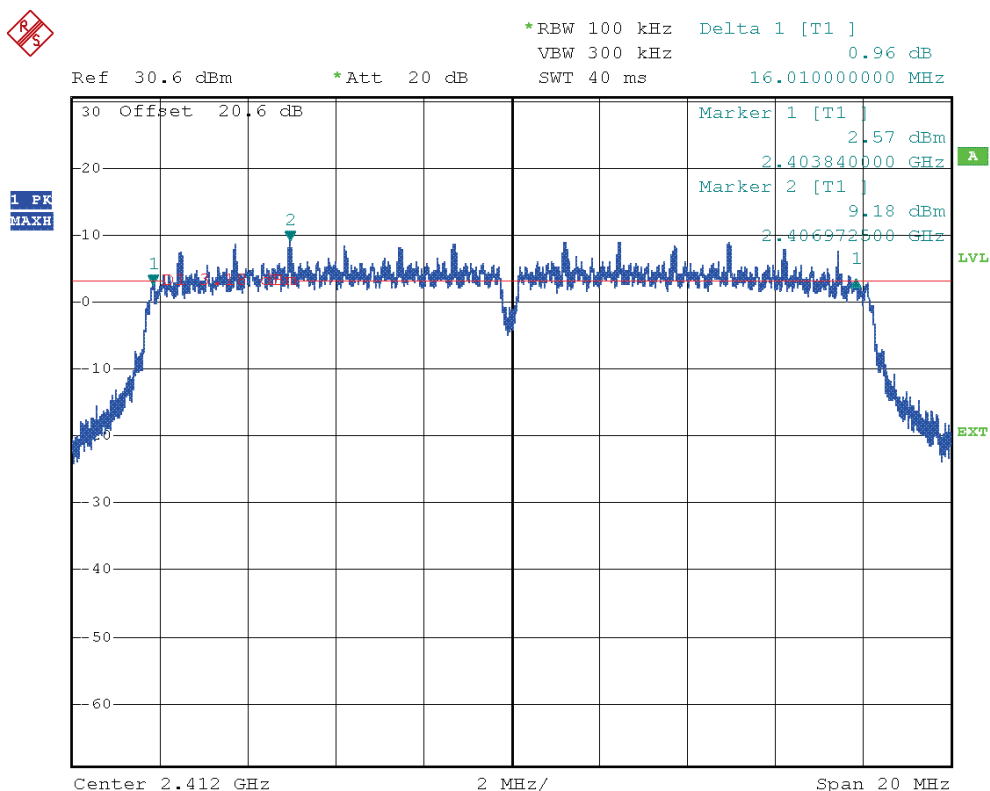
Channel 11 (F = 2462 MHz) – Mode 802.11b – bandwidth 20 MHz – Back Left



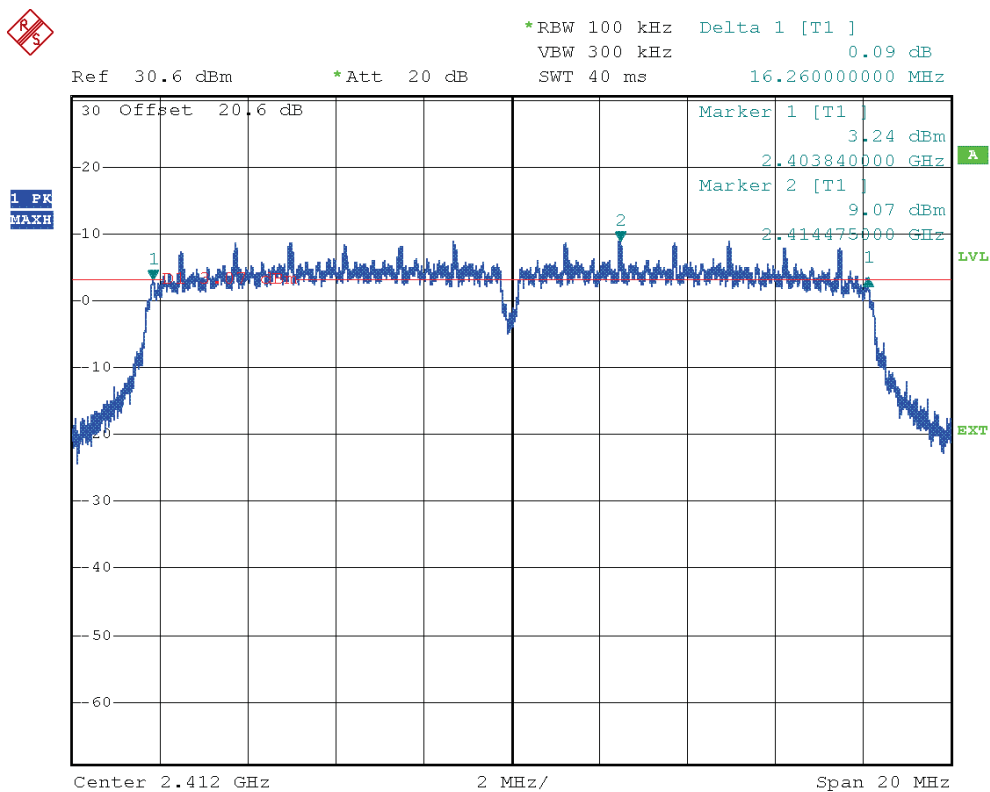
Channel 11 (F = 2462 MHz) – Mode 802.11b – bandwidth 20 MHz – Back Right



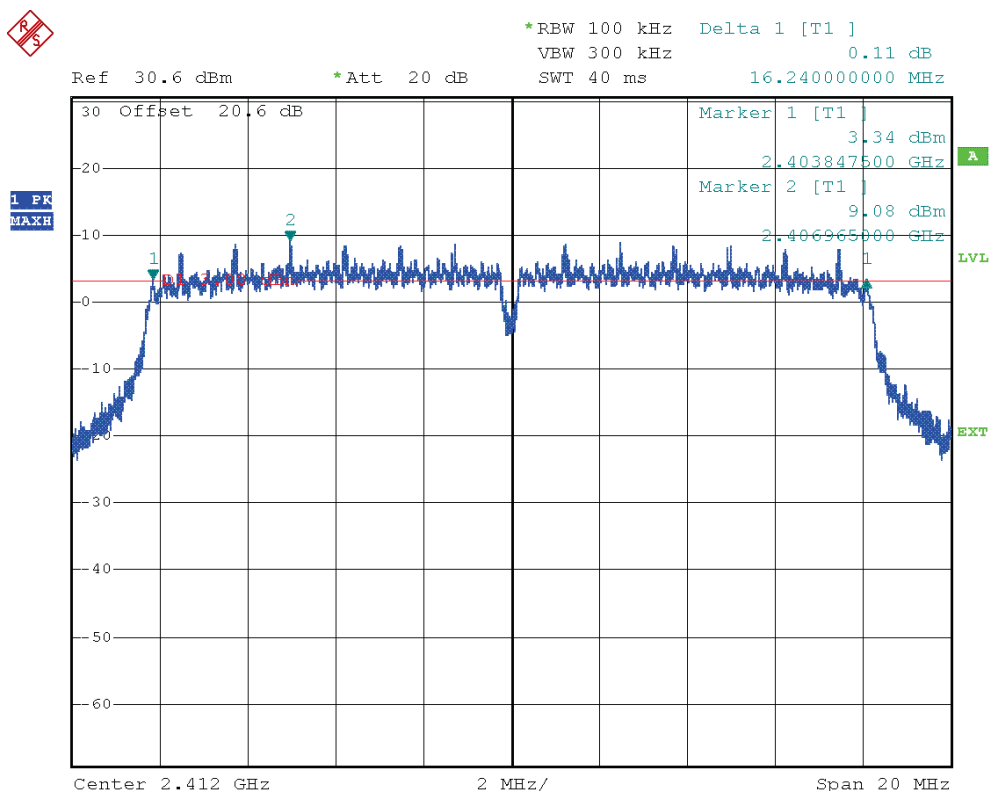
Channel 1 (F = 2412 MHz) – Mode 802.11g – bandwidth 20 MHz – Front Left



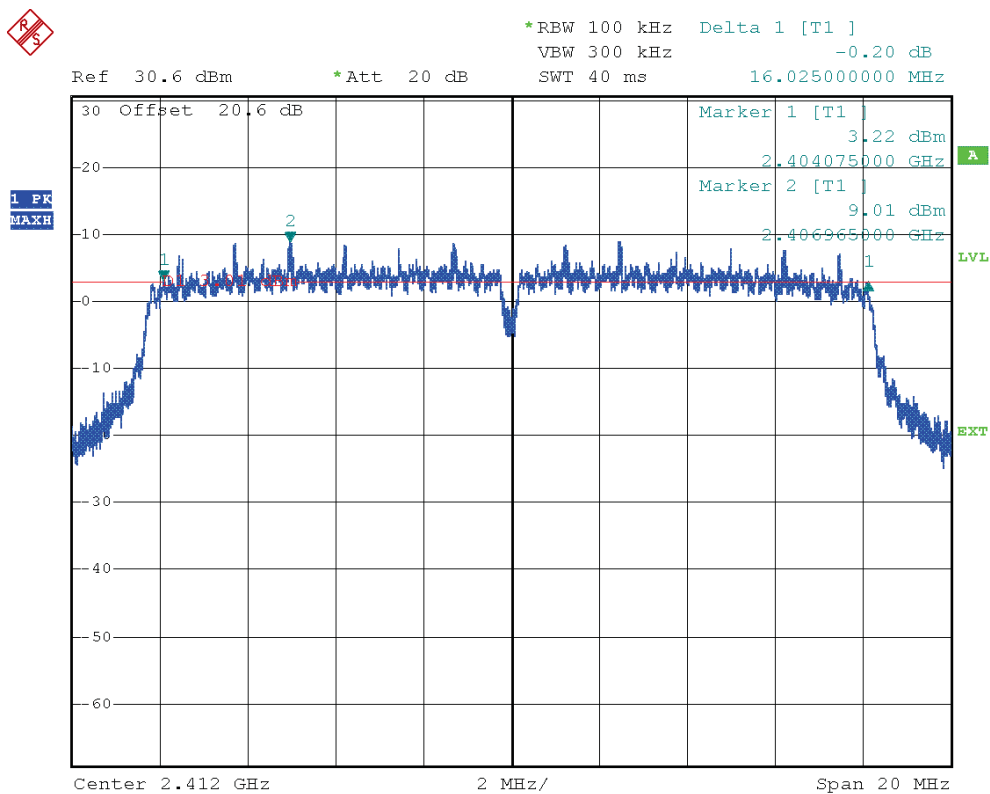
Channel 1 (F = 2412 MHz) – Mode 802.11g – bandwidth 20 MHz – Front Right



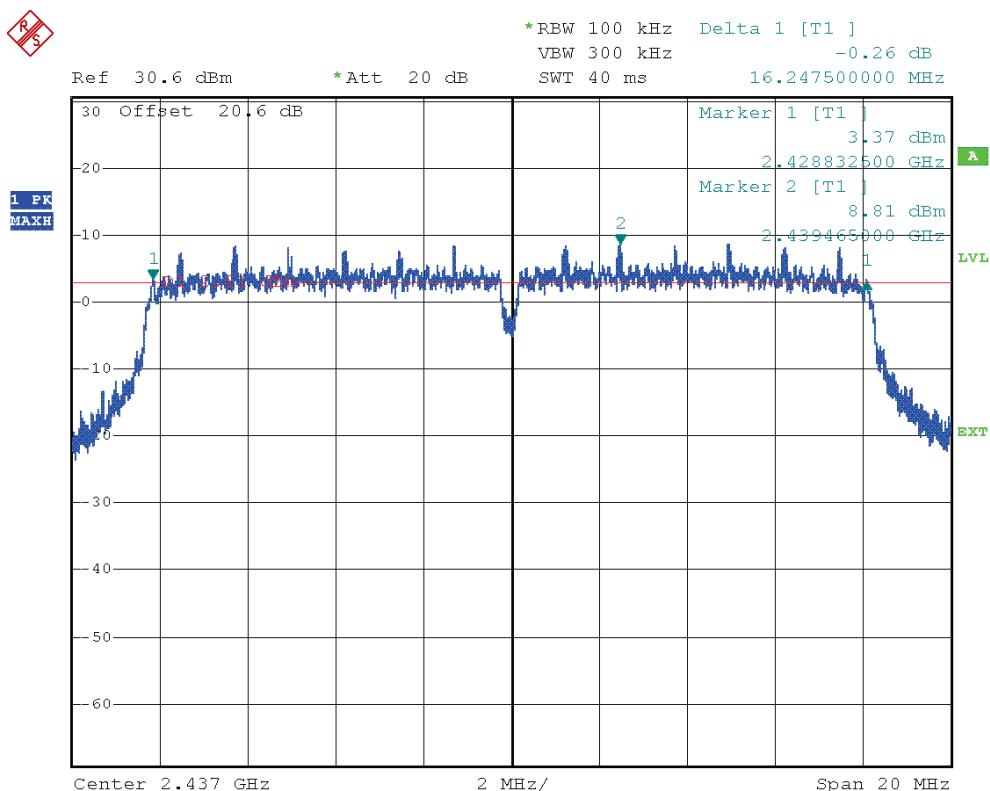
Channel 1 (F = 2412 MHz) – Mode 802.11g – bandwidth 20 MHz – Back Left



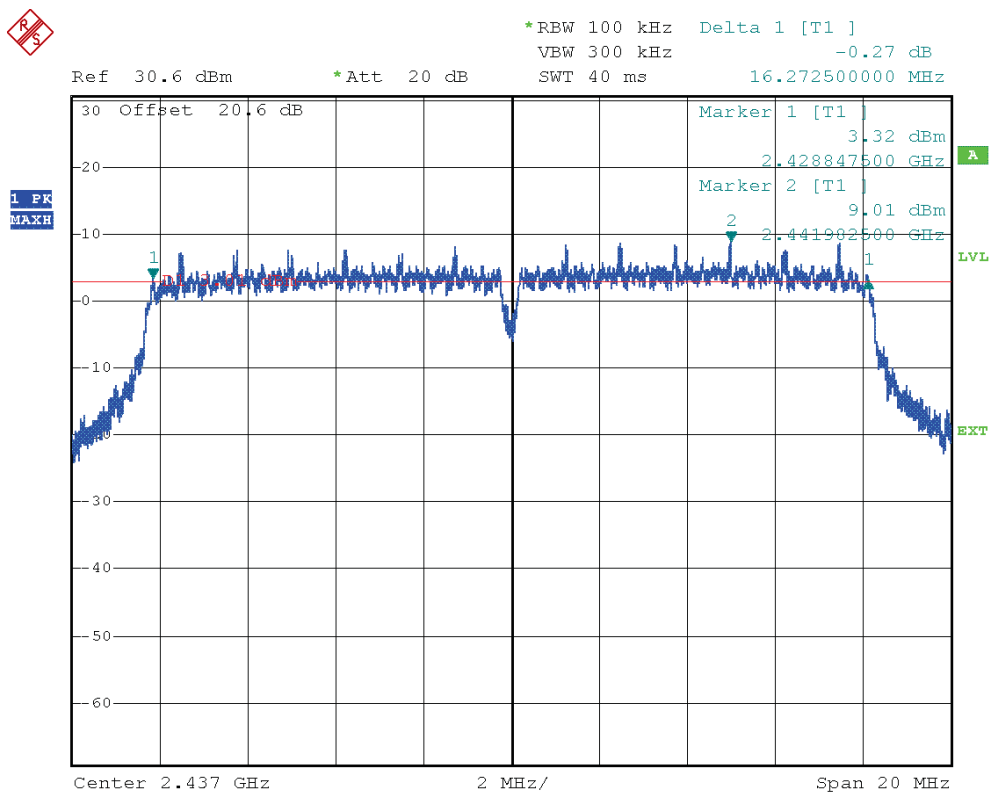
Channel 1 (F = 2412 MHz) – Mode 802.11g – bandwidth 20 MHz – Back Right



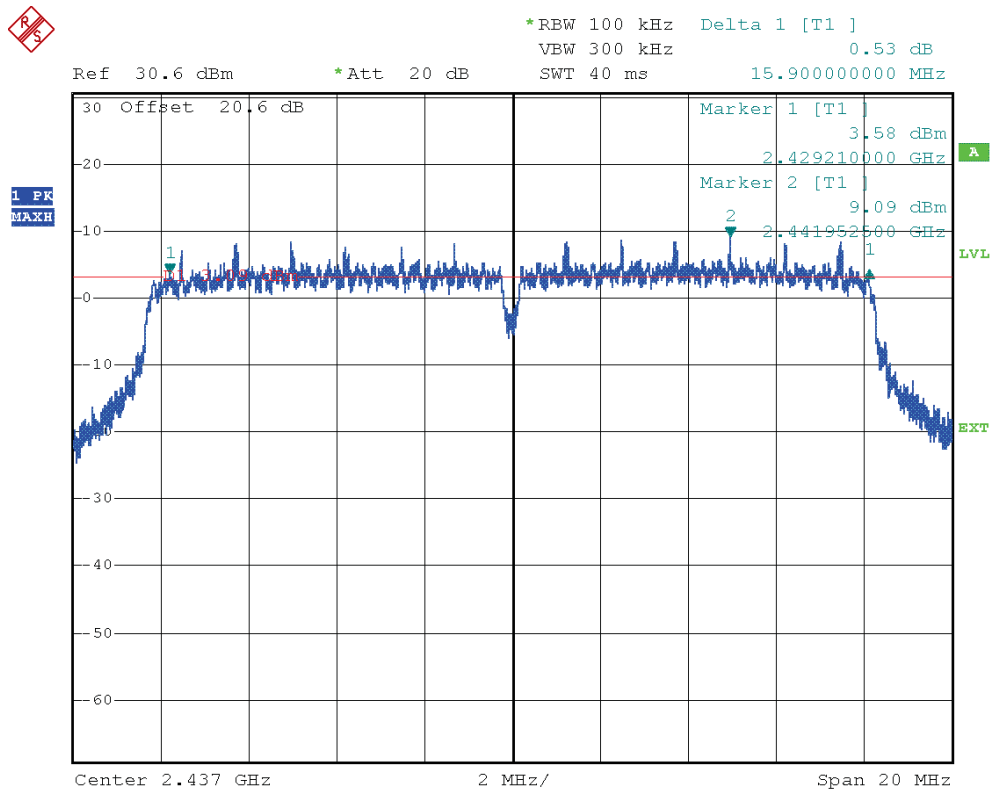
Channel 6 (F = 2437 MHz) – Mode 802.11g – bandwidth 20 MHz – Front Left



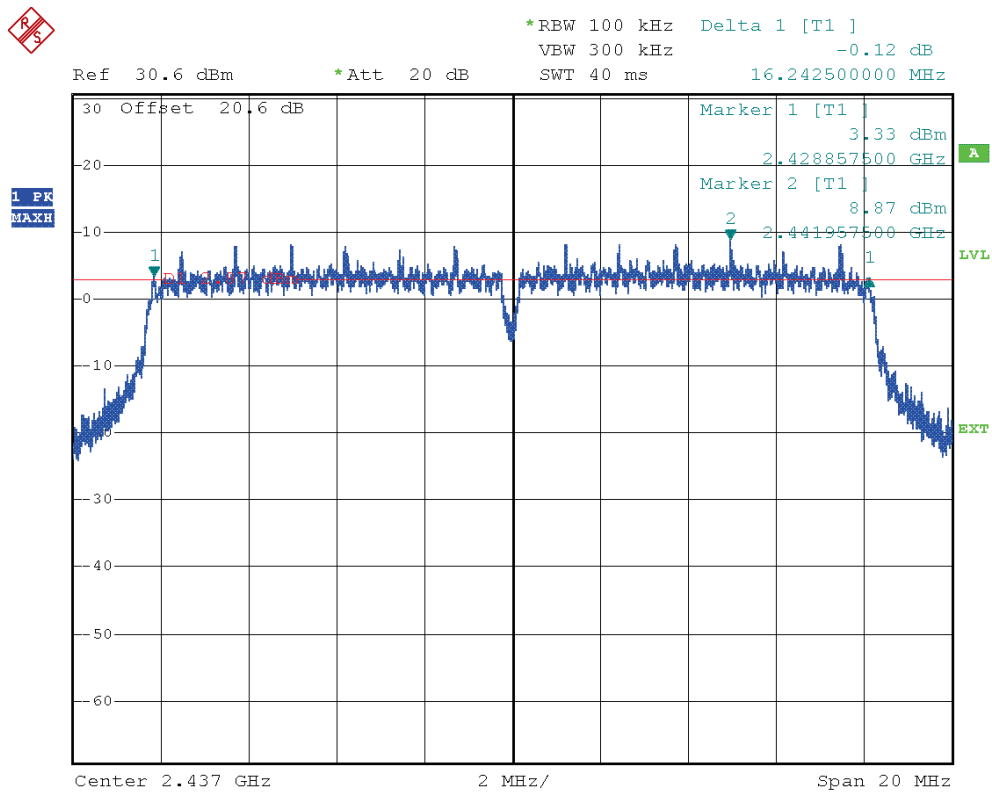
Channel 6 (F = 2437 MHz) – Mode 802.11g – bandwidth 20 MHz – Front Right



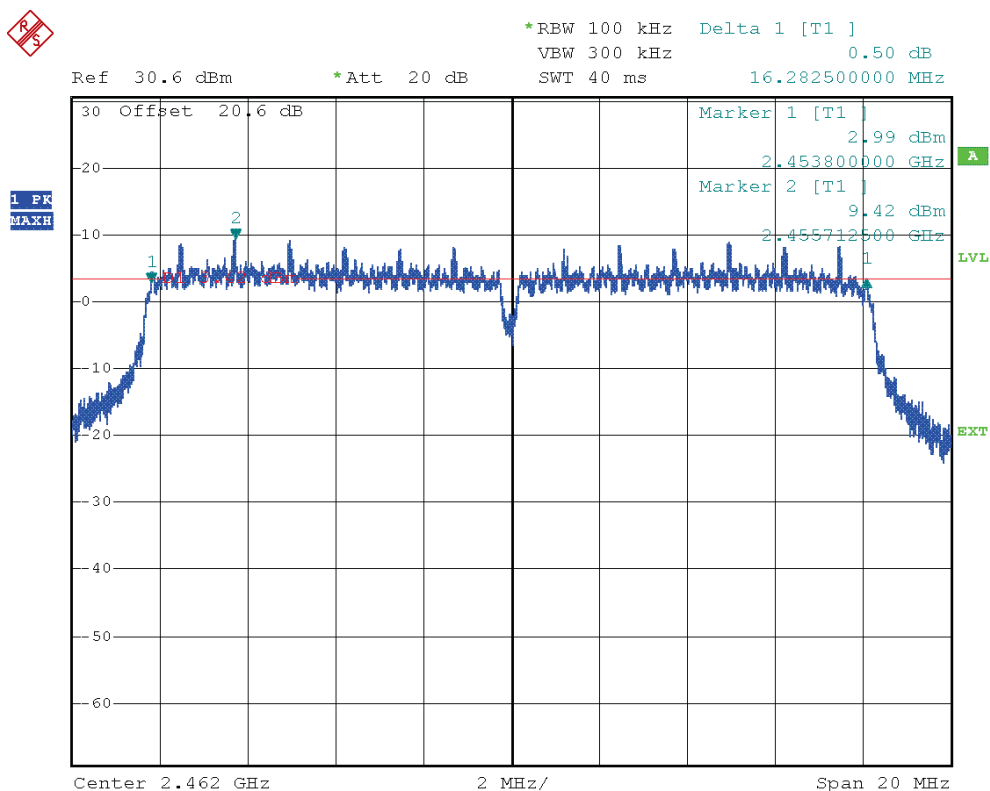
Channel 6 (F = 2437 MHz) – Mode 802.11g – bandwidth 20 MHz – Back Left



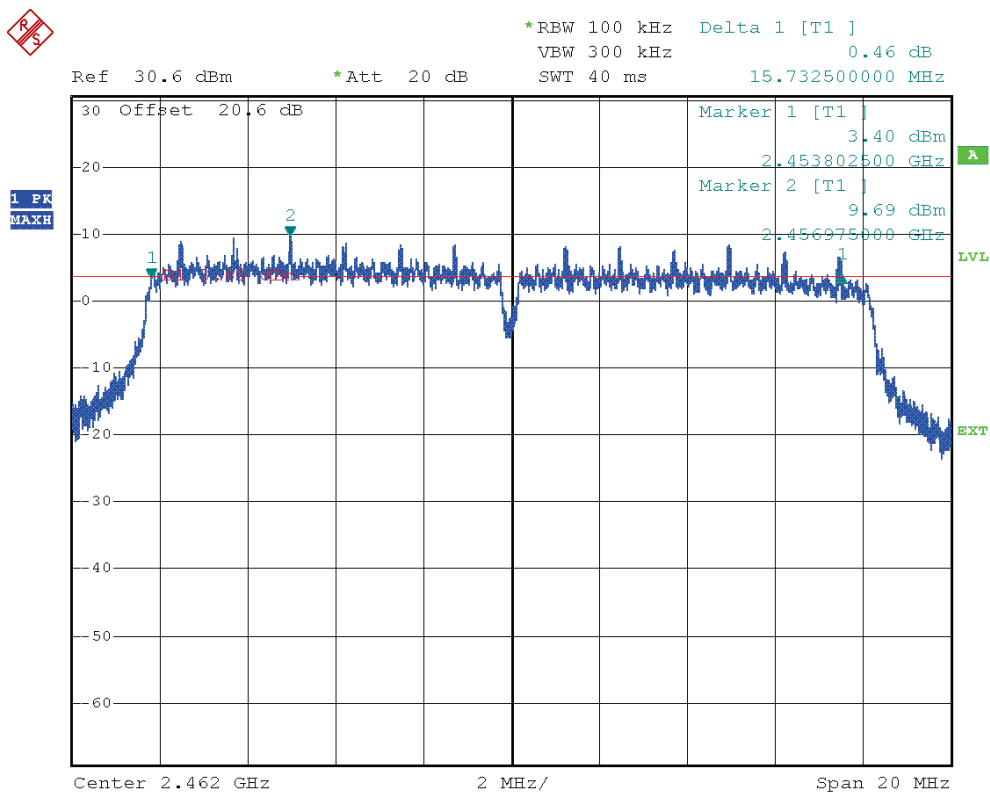
Channel 6 (F = 2437 MHz) – Mode 802.11g – bandwidth 20 MHz – Back Right



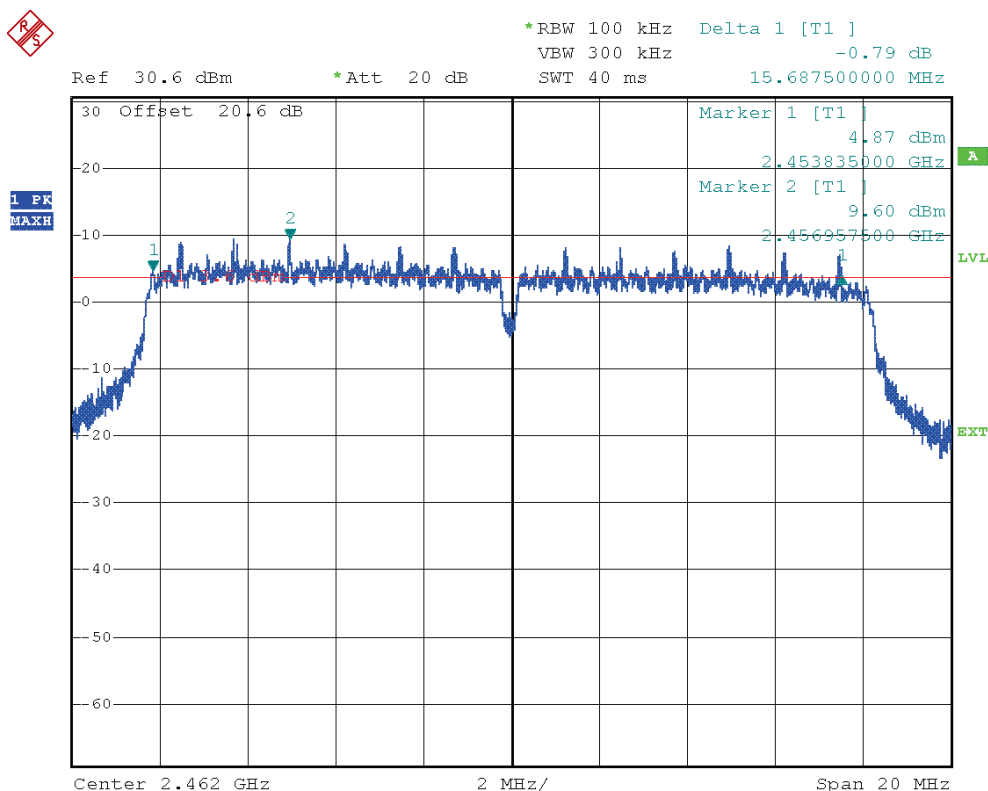
Channel 11 (F = 2462 MHz) – Mode 802.11g – bandwidth 20 MHz – Front Left



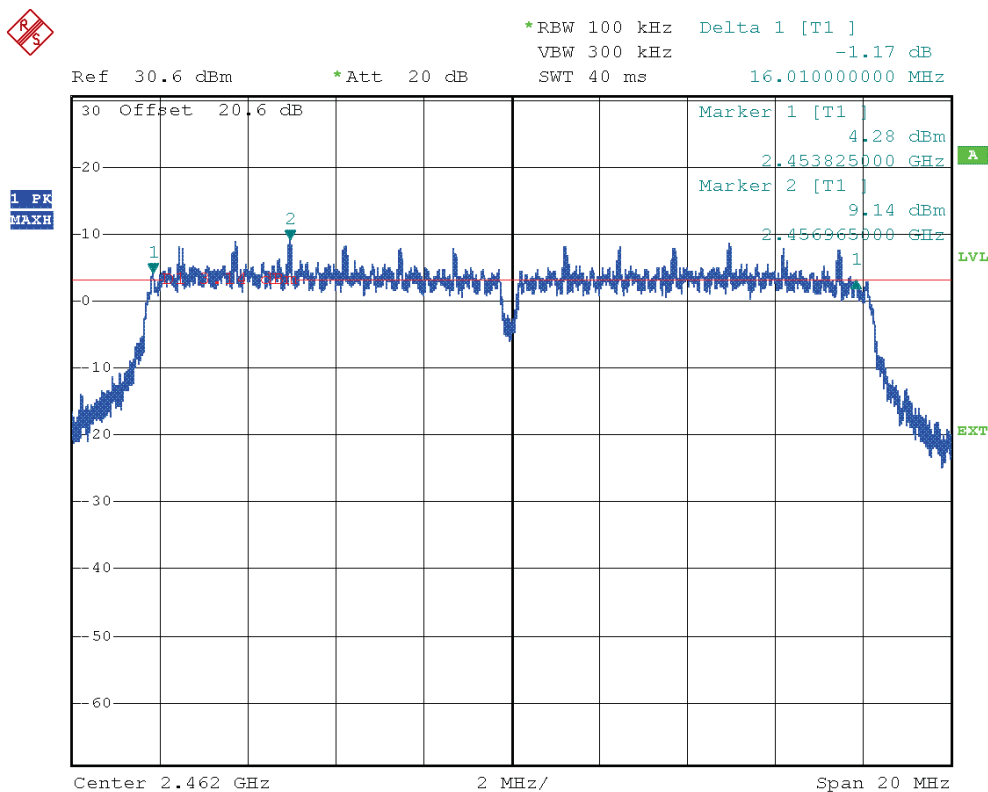
Channel 11 (F = 2462 MHz) – Mode 802.11g – bandwidth 20 MHz – Front Right



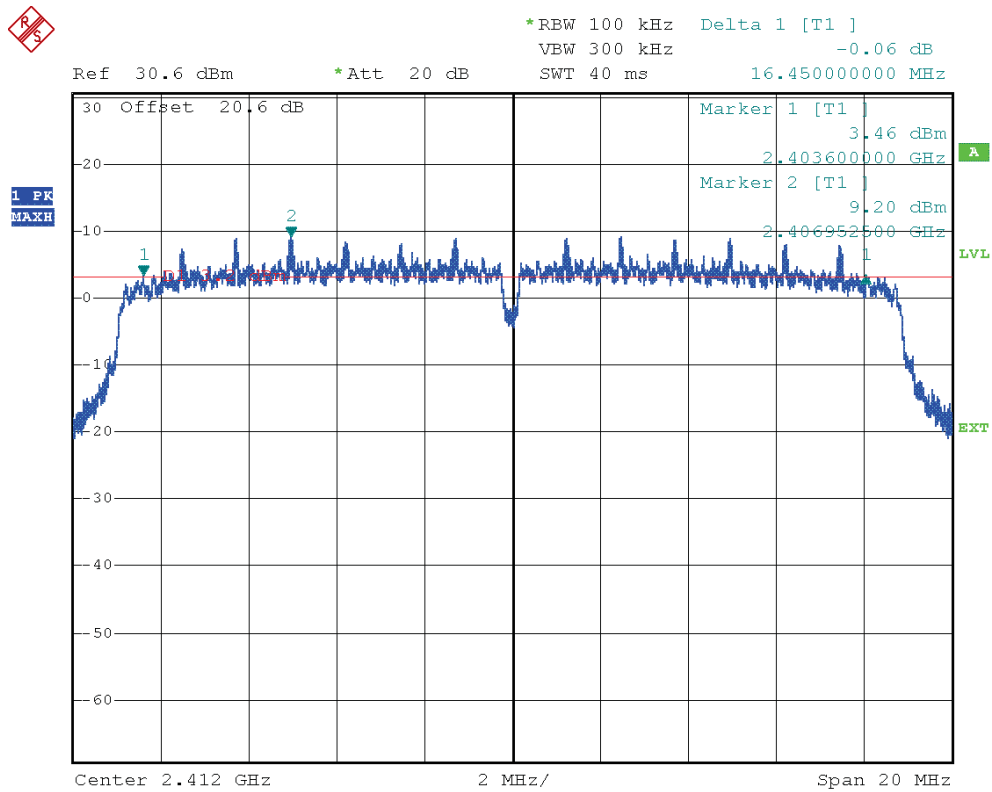
Channel 11 (F = 2462 MHz) – Mode 802.11g – bandwidth 20 MHz – Back Left



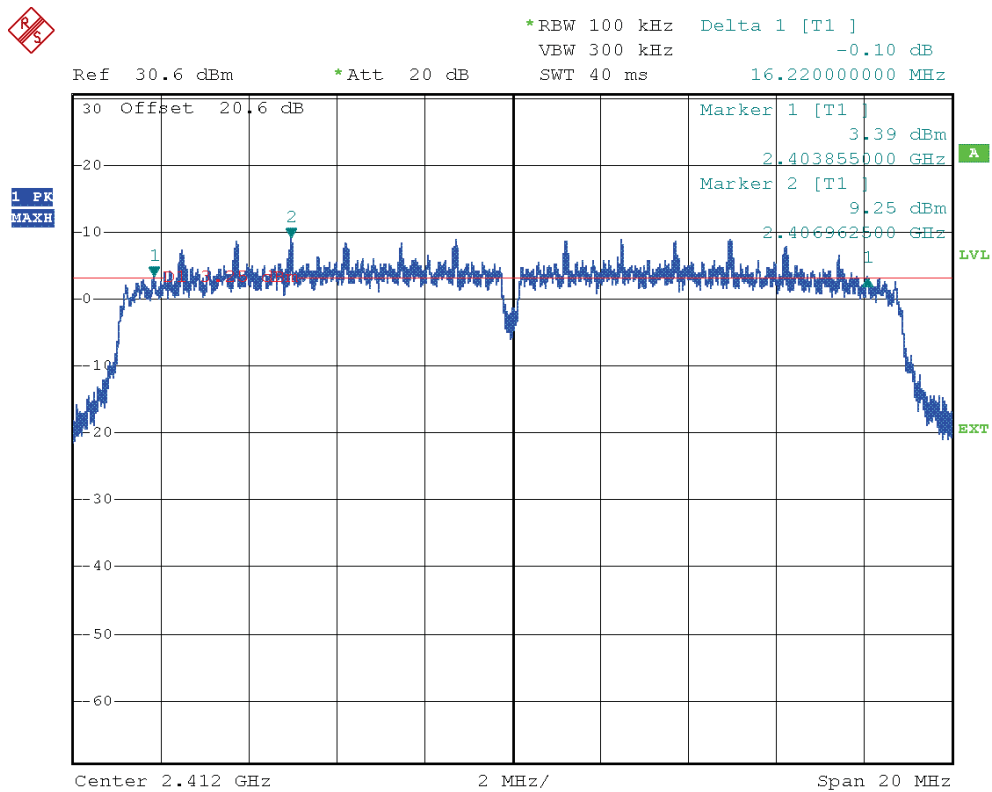
Channel 11 (F = 2462 MHz) – Mode 802.11g – bandwidth 20 MHz – Back Right



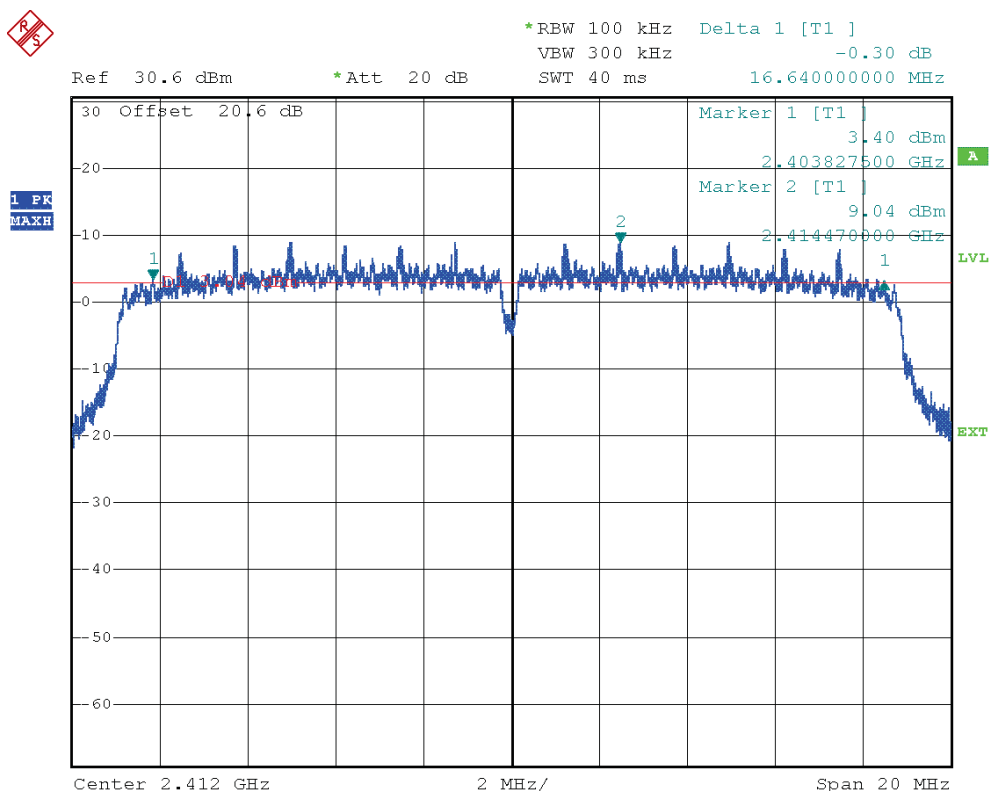
Channel 1 (F = 2412 MHz) – Mode 802.11n – bandwidth 20 MHz – Front Left



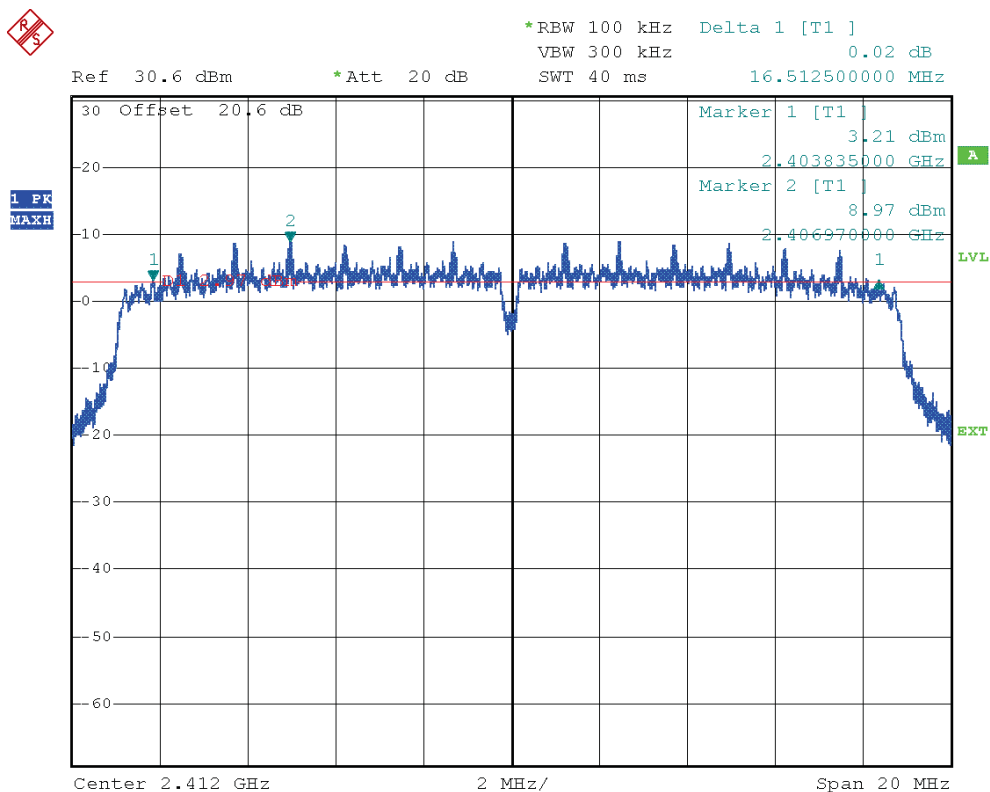
Channel 1 (F = 2412 MHz) – Mode 802.11n – bandwidth 20 MHz – Front Right



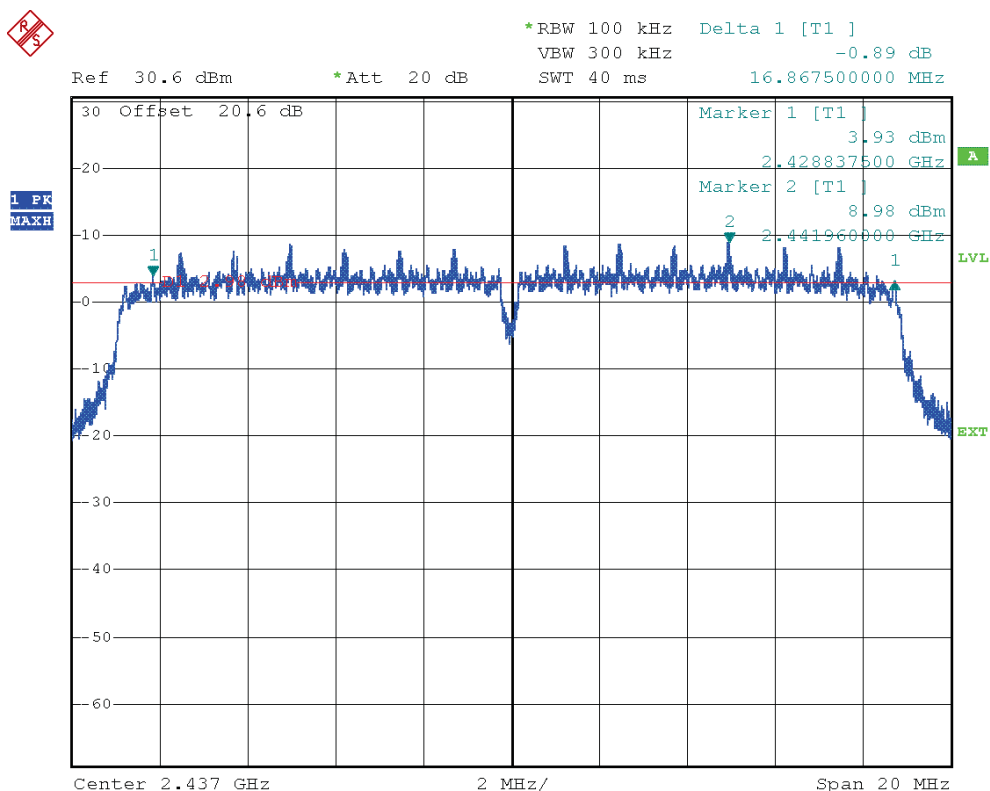
Channel 1 (F = 2412 MHz) – Mode 802.11n – bandwidth 20 MHz – Back Left



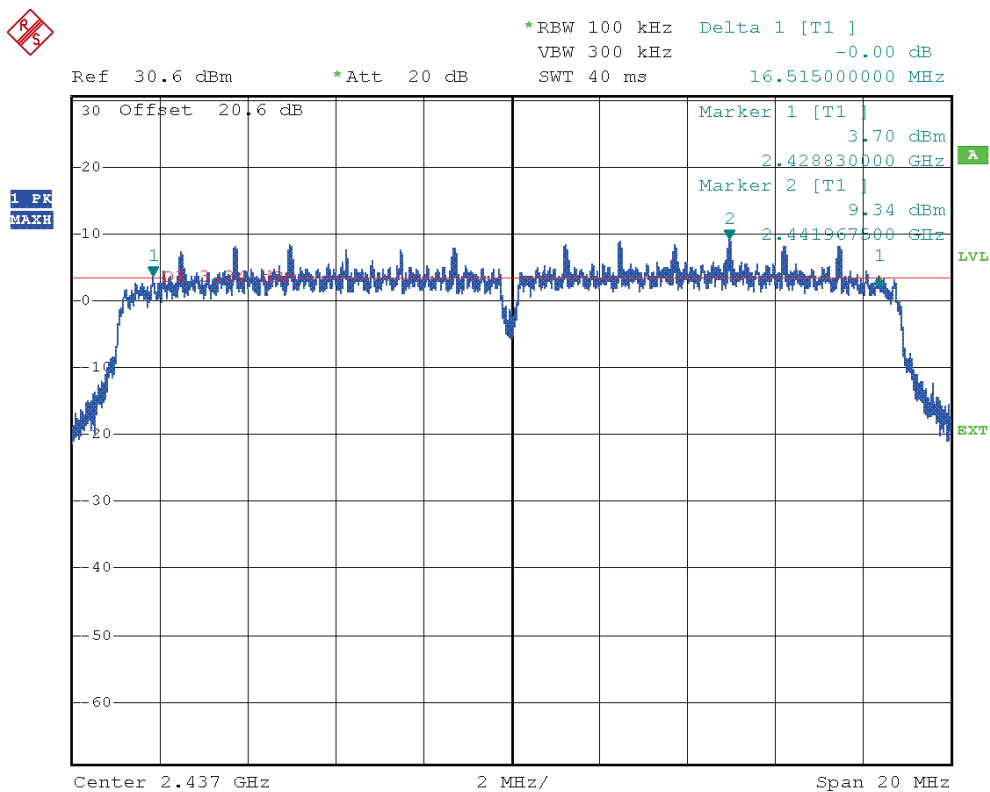
Channel 1 (F = 2412 MHz) – Mode 802.11n – bandwidth 20 MHz – Back Right



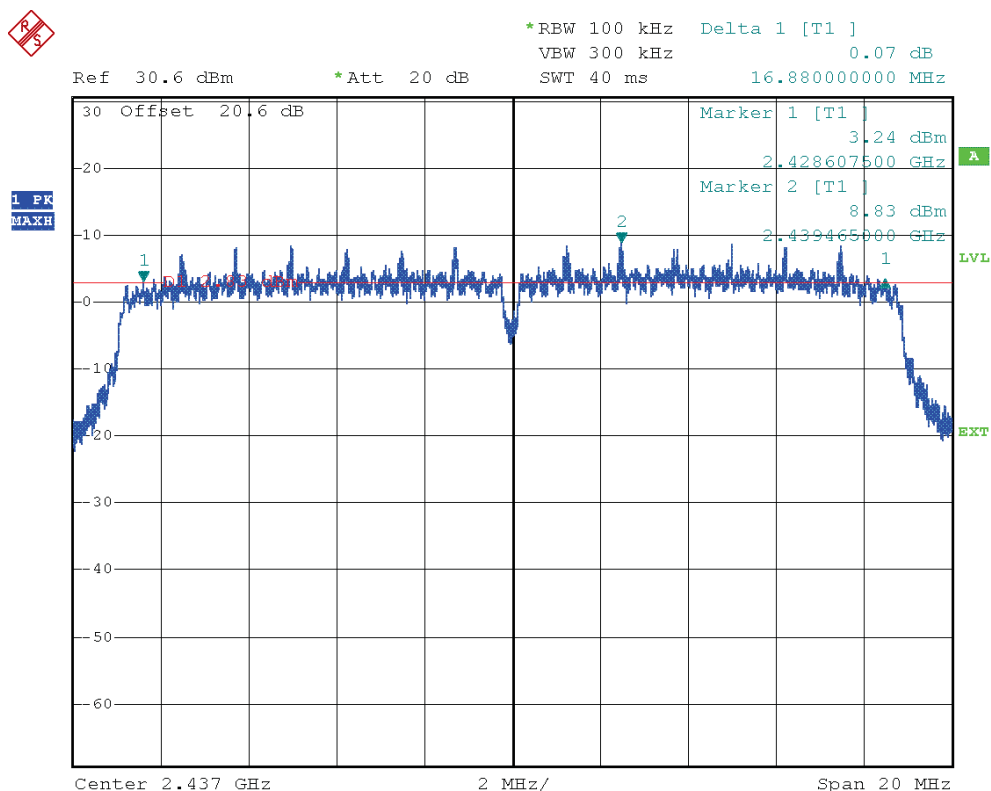
Channel 6 (F = 2437 MHz) – Mode 802.11n – bandwidth 20 MHz – Front Left



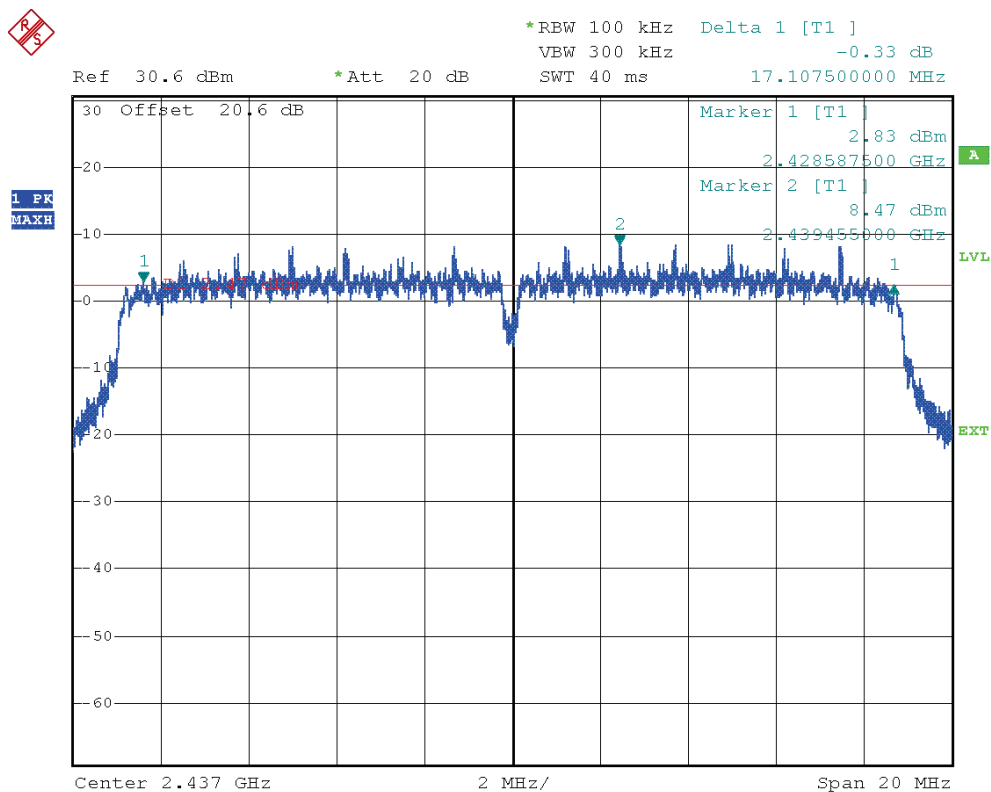
Channel 6 (F = 2437 MHz) – Mode 802.11n – bandwidth 20 MHz – Front Right



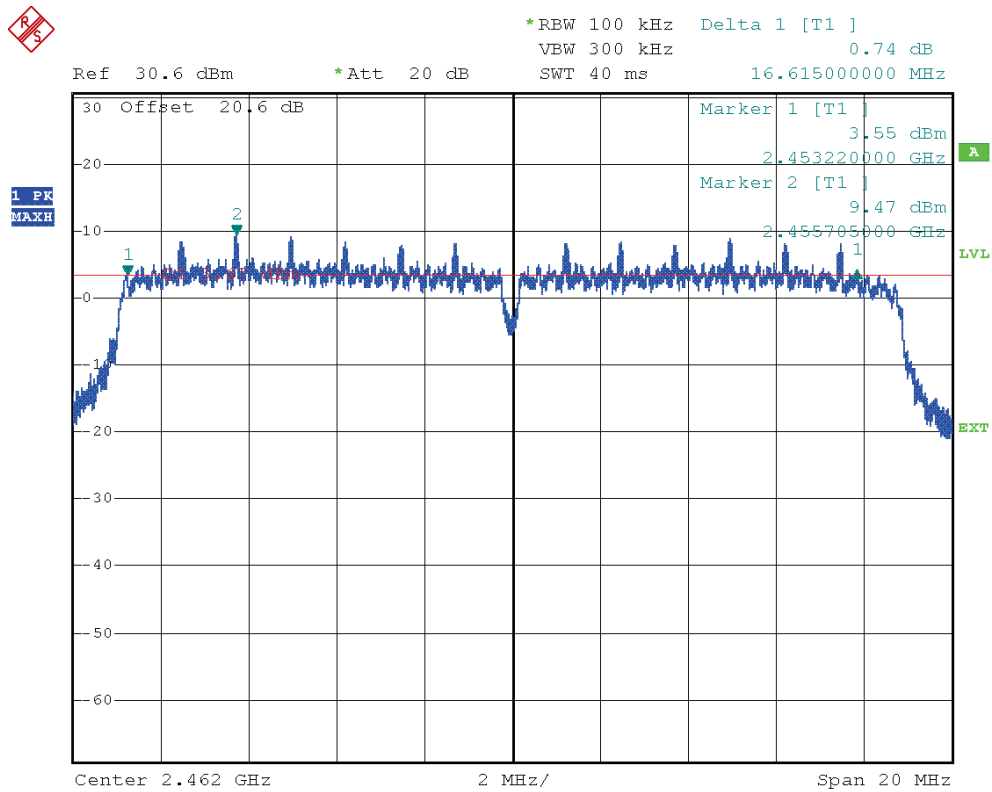
Channel 6 (F = 2437 MHz) – Mode 802.11n – bandwidth 20 MHz – Back Left



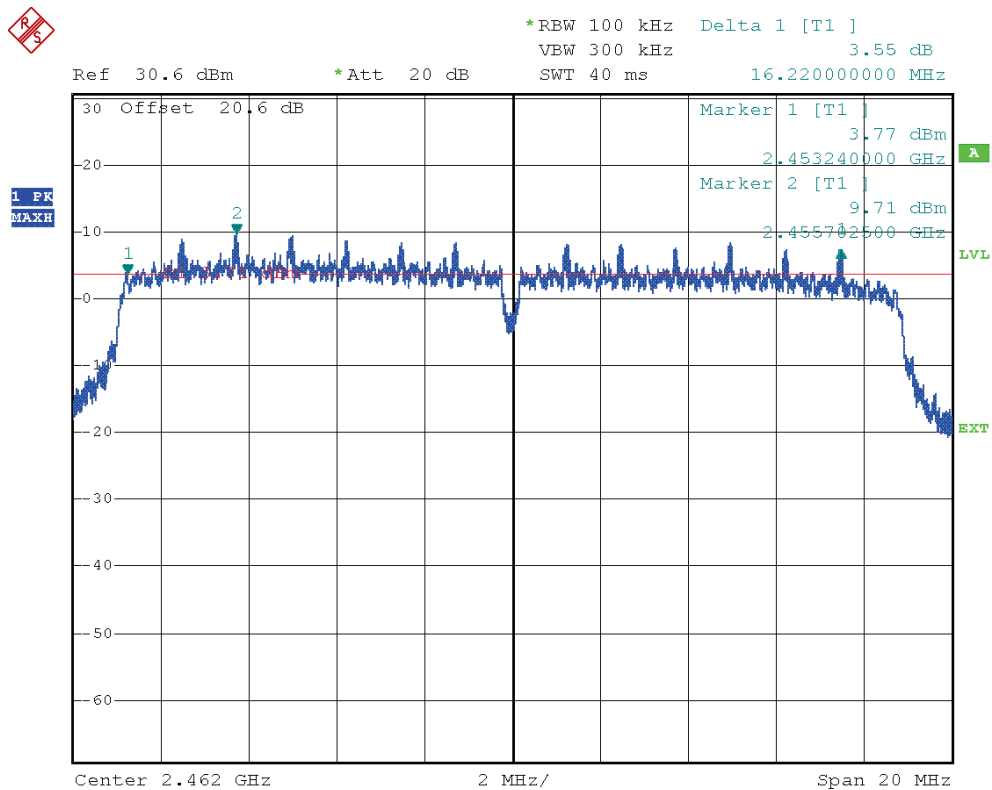
Channel 6 (F = 2437 MHz) – Mode 802.11n – bandwidth 20 MHz – Back Right



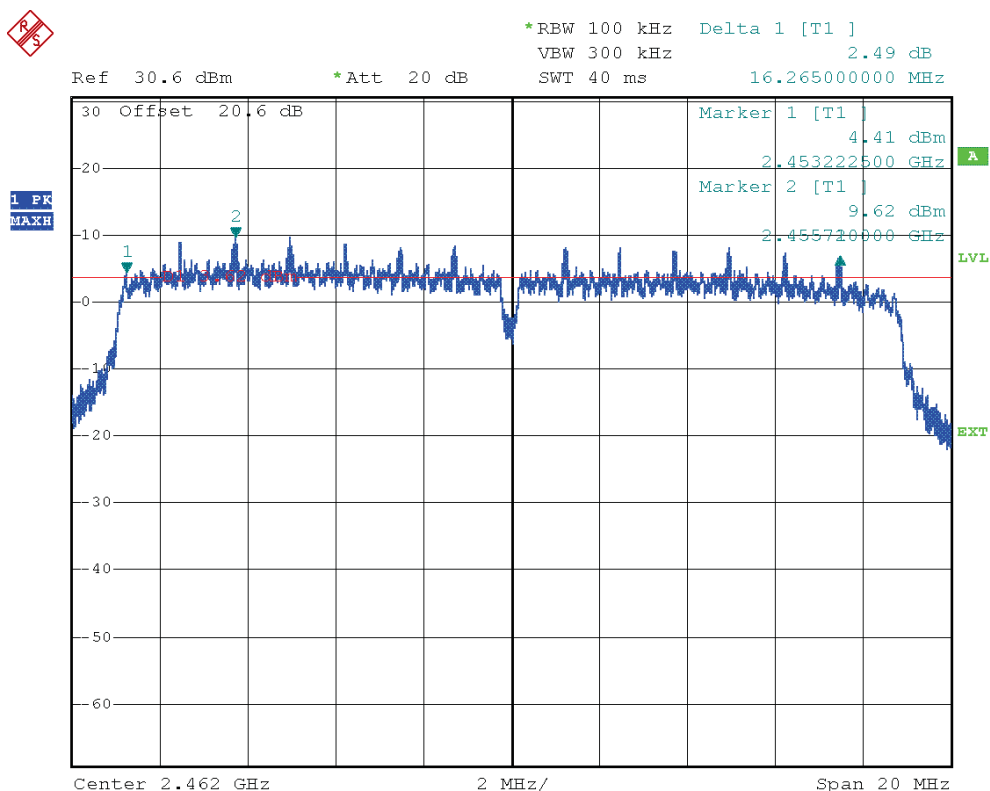
Channel 11 (F = 2462 MHz) – Mode 802.11n – bandwidth 20 MHz – Front Left



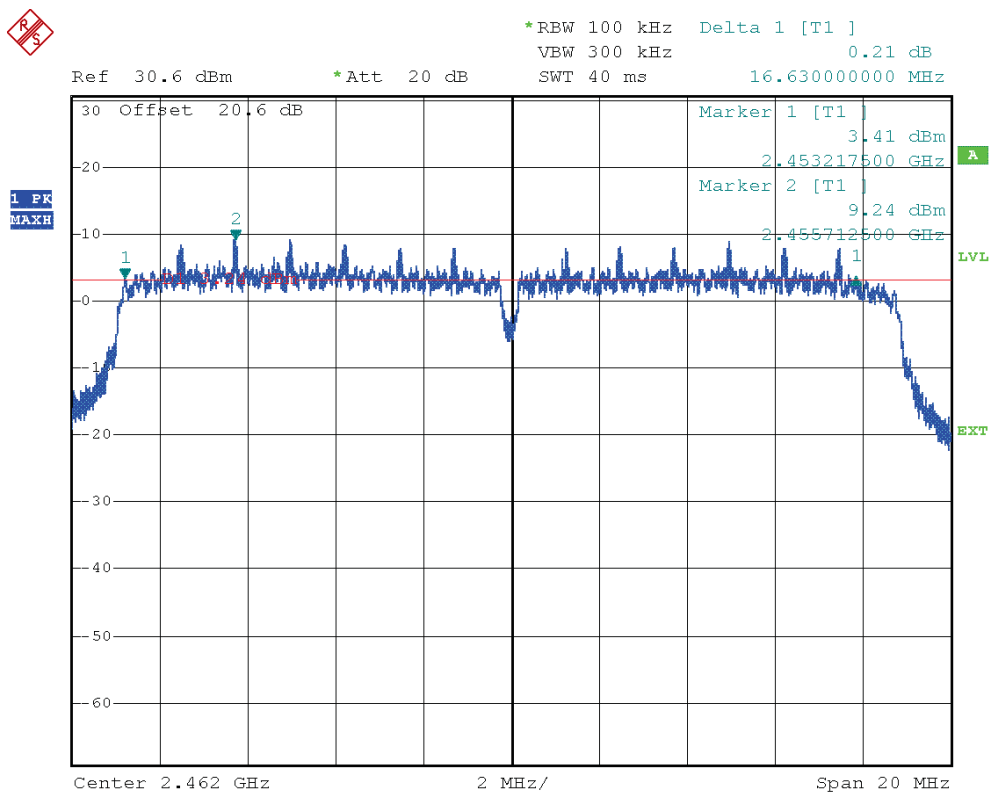
Channel 11 (F = 2462 MHz) – Mode 802.11n – bandwidth 20 MHz – Front Right



Channel 11 (F = 2462 MHz) – Mode 802.11n – bandwidth 20 MHz – Back Left

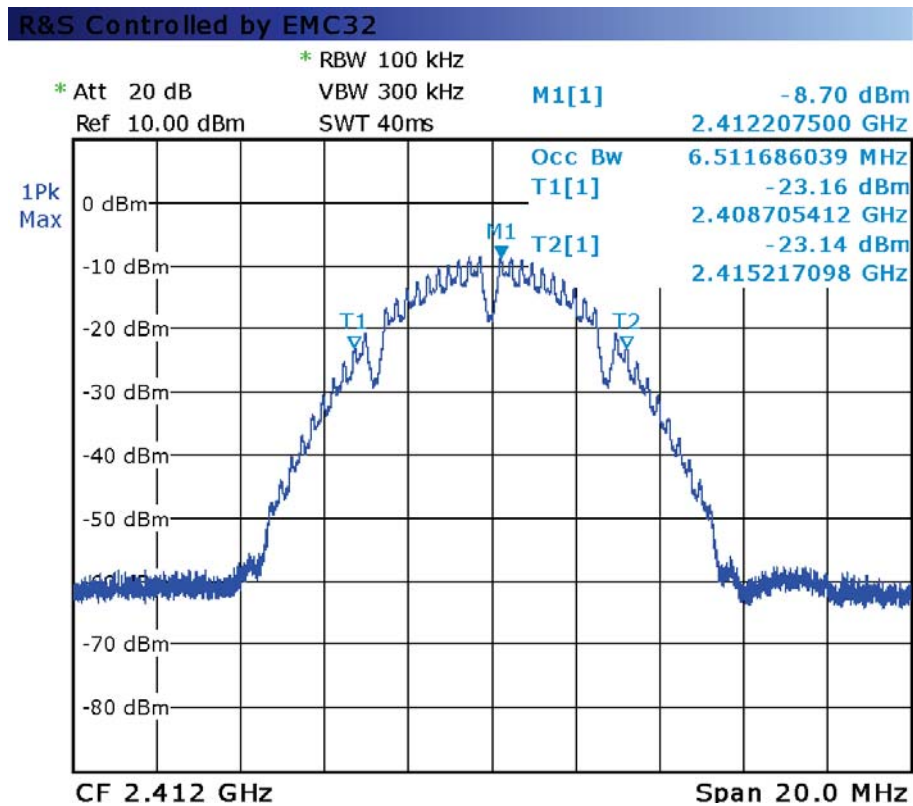


Channel 11 (F = 2462 MHz) – Mode 802.11n – bandwidth 20 MHz – Back Right

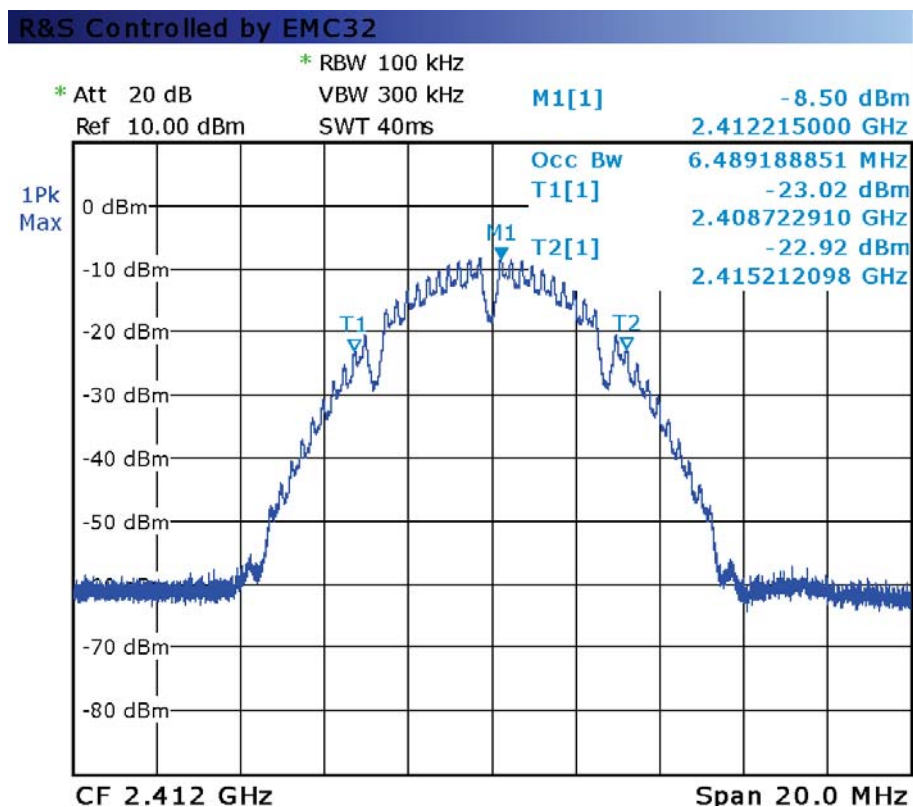


APPENDIX 3: 99% bandwidth

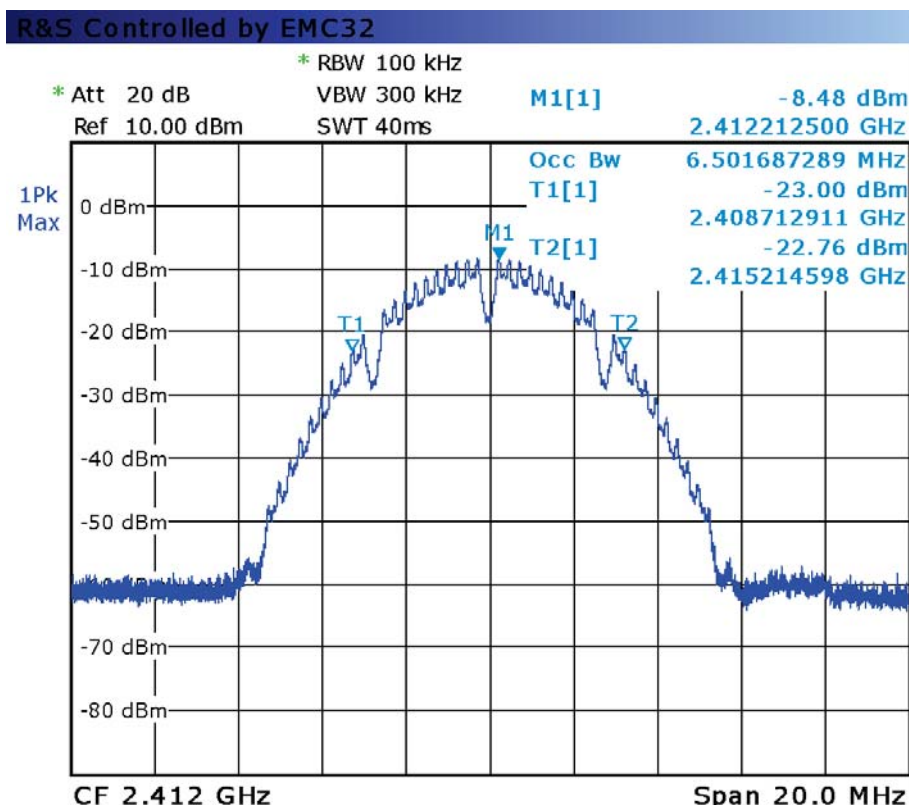
Channel 1 (F = 2412 MHz) – Mode 802.11b – bandwidth 10 MHz – Front Left



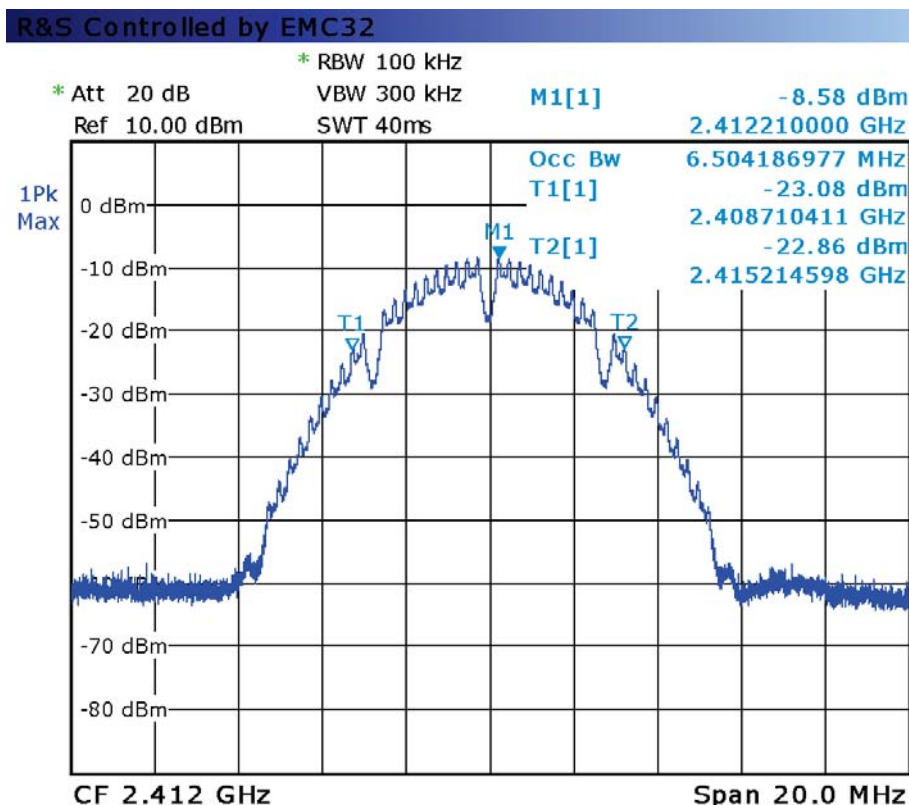
Channel 1 (F = 2412 MHz) – Mode 802.11b – bandwidth 10 MHz – Front Right



Channel 1 (F = 2412 MHz) – Mode 802.11b – bandwidth 10 MHz – Back Left



Channel 1 (F = 2412 MHz) – Mode 802.11b – bandwidth 10 MHz – Back Right



R&S Controlled by EMC32

* Att 20 dB * RBW 100 kHz
Ref 10.00 dBm VBW 300 kHz M1[1] -8.92 dBm
SWT 40ms 2.437212500 GHz

1Pk Max

0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
-80 dBm

Occ BW 6.511686039 MHz
T1[1] -23.45 dBm 2.433720410 GHz
T2[1] -23.38 dBm 2.440232096 GHz

CF 2.437 GHz Span 20.0 MHz

R&S Controlled by EMC32

* Att 20 dB
Ref 10.00 dBm

* RBW 100 kHz
VBW 300 kHz
SWT 40ms

M1[1] -8.62 dBm
2.437212500 GHz

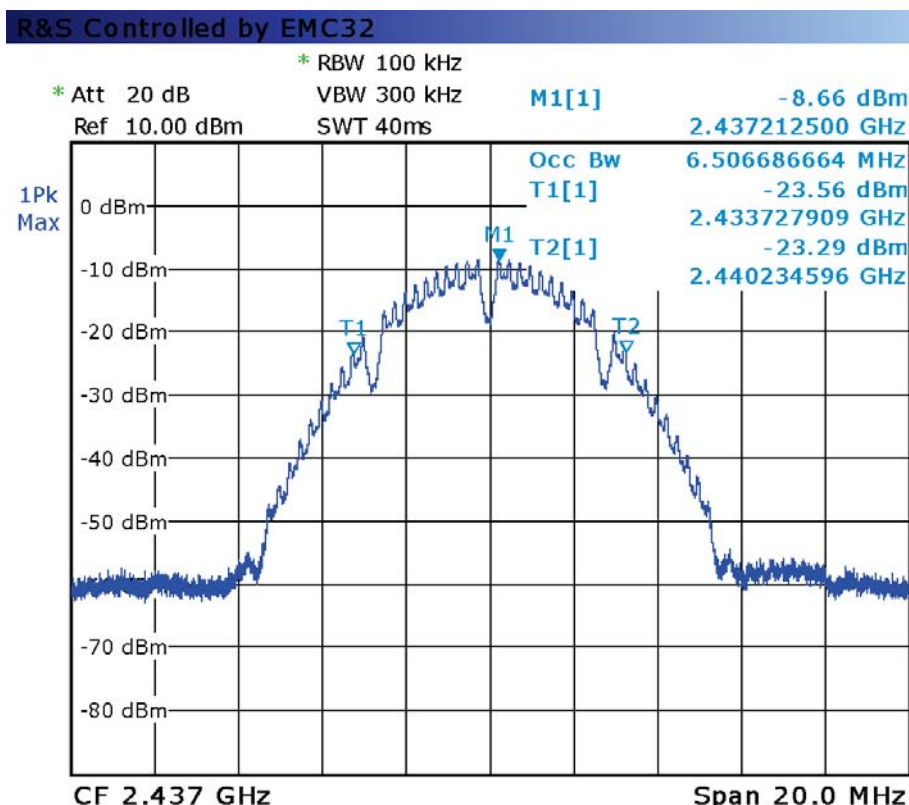
Occ BW 6.501687289 MHz
T1[1] -23.70 dBm
2.433730409 GHz
T2[1] -23.20 dBm
2.440232096 GHz

1Pk
Max

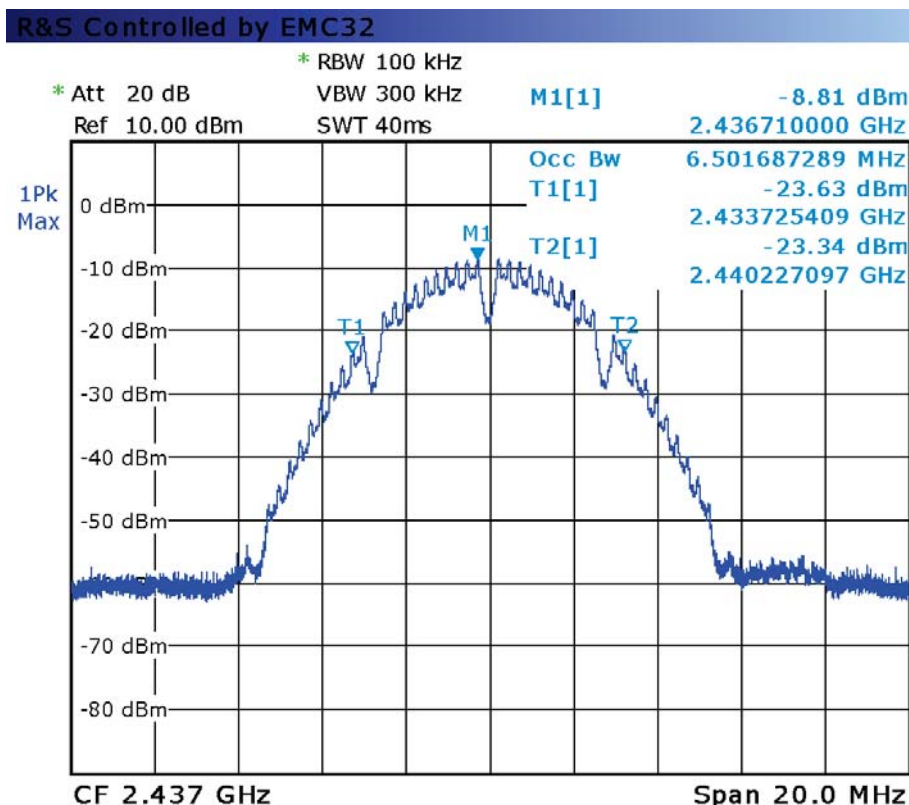
CF 2.437 GHz

Span 20.0 MHz

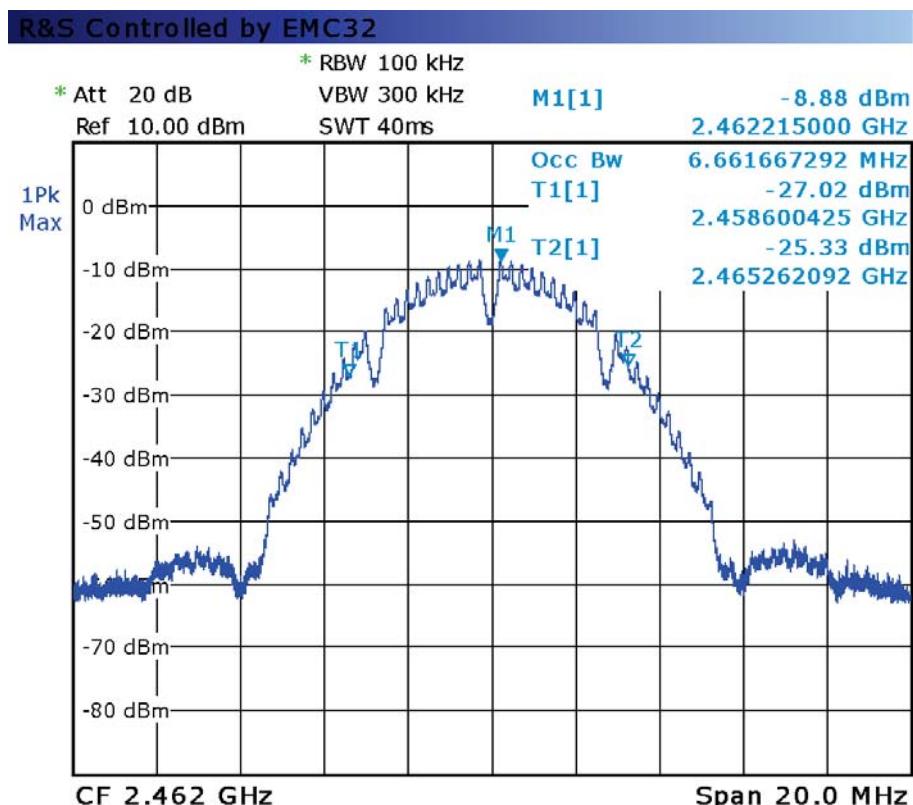
Channel 6 (F = 2437 MHz) – Mode 802.11b – bandwidth 10 MHz – Back Left



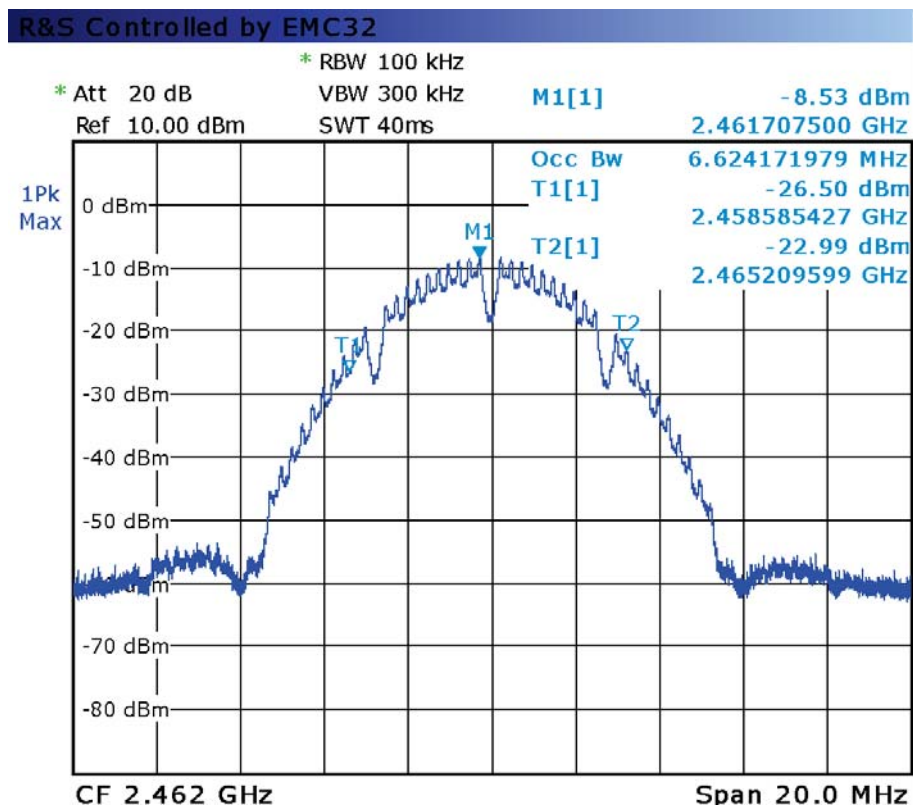
Channel 6 (F = 2437 MHz) – Mode 802.11b – bandwidth 10 MHz – Back Right



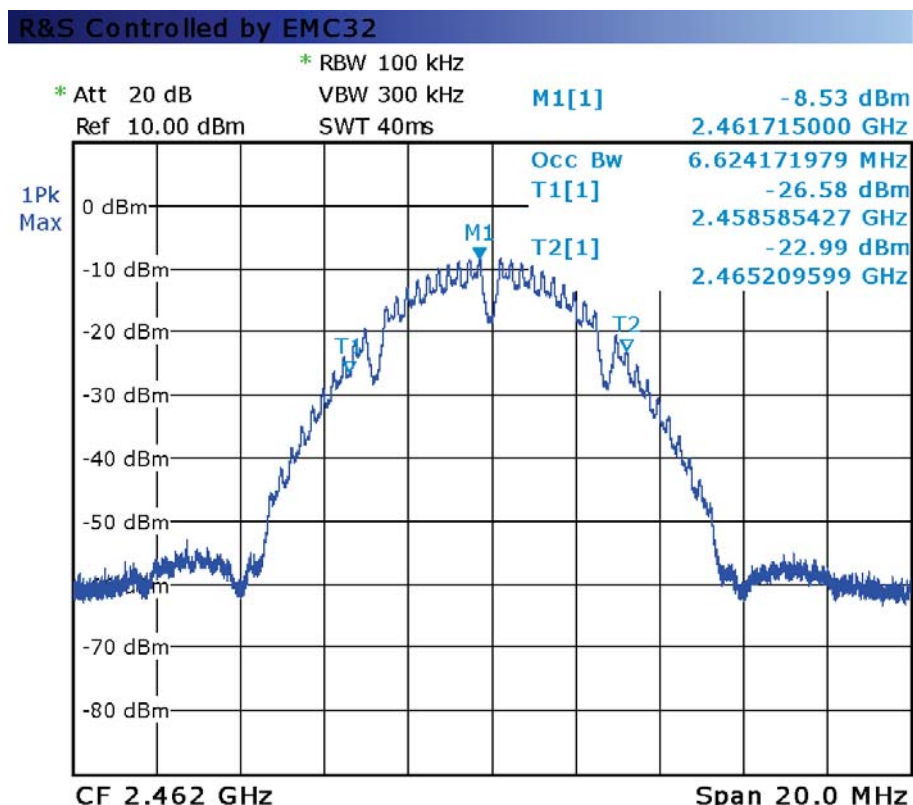
Channel 11 (F = 2462 MHz) – Mode 802.11b – bandwidth 10 MHz – Front Left



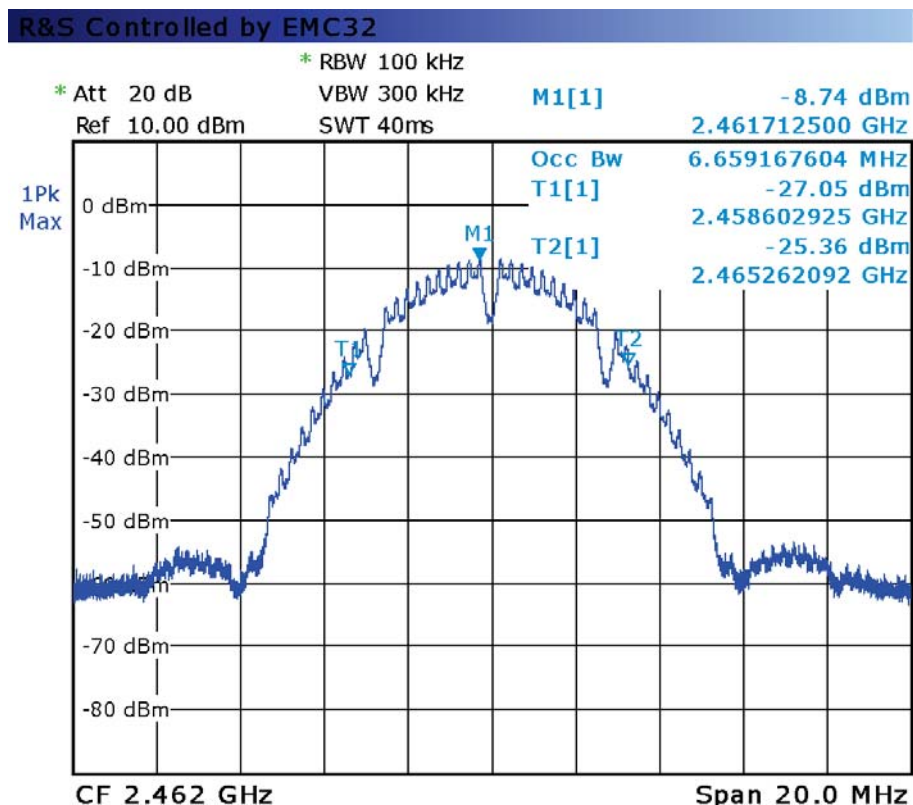
Channel 11 (F = 2462 MHz) – Mode 802.11b – bandwidth 10 MHz – Front Right



Channel 11 (F = 2462 MHz) – Mode 802.11b – bandwidth 10 MHz – Back Left



Channel 11 (F = 2462 MHz) – Mode 802.11b – bandwidth 10 MHz – Back Right



R&S Controlled by EMC32

* Att 20 dB * RBW 100 kHz
Ref 10.00 dBm VBW 300 kHz
SWT 40ms

M1[1] -11.29 dBm
2.413842300 GHz

Occ BW 8.188976378 MHz
T1[1] -18.84 dBm
2.407860517 GHz
T2[1] -18.32 dBm
2.416049494 GHz

1Pk Max

CF 2.412 GHz Span 20.0 MHz

R&S Controlled by EMC32

* Att 20 dB
Ref 10.00 dBm

* RBW 100 kHz
VBW 300 kHz
SWT 40ms

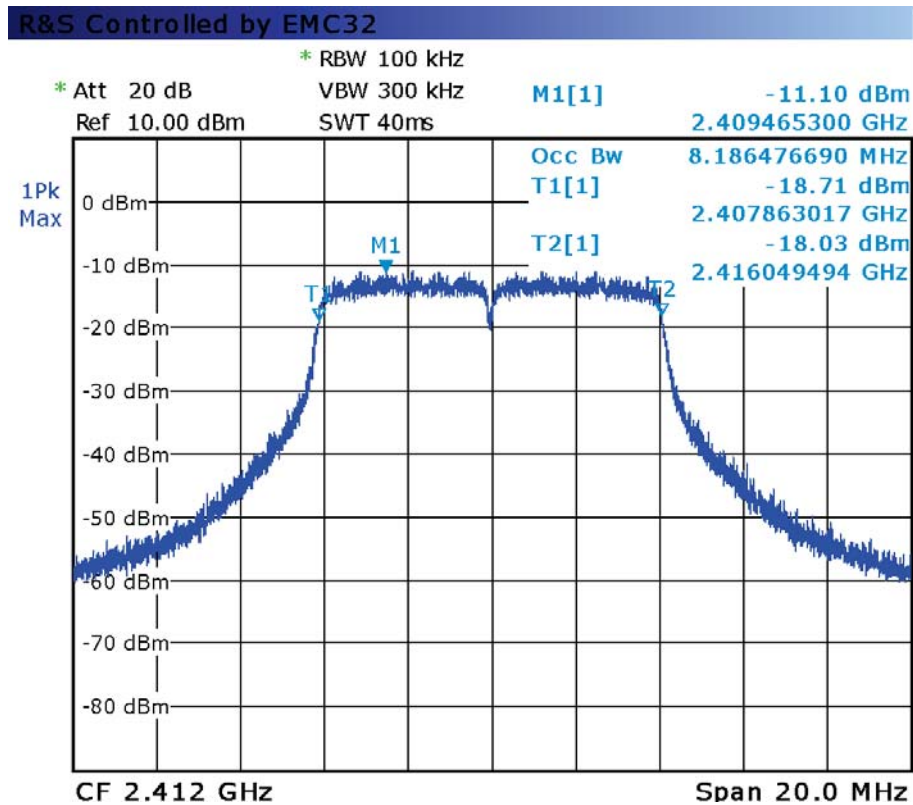
M1[1] -11.15 dBm
2.409467800 GHz

Occ BW 8.186476690 MHz
T1[1] -18.16 dBm
2.407863017 GHz
T2[1] -18.24 dBm
2.416049494 GHz

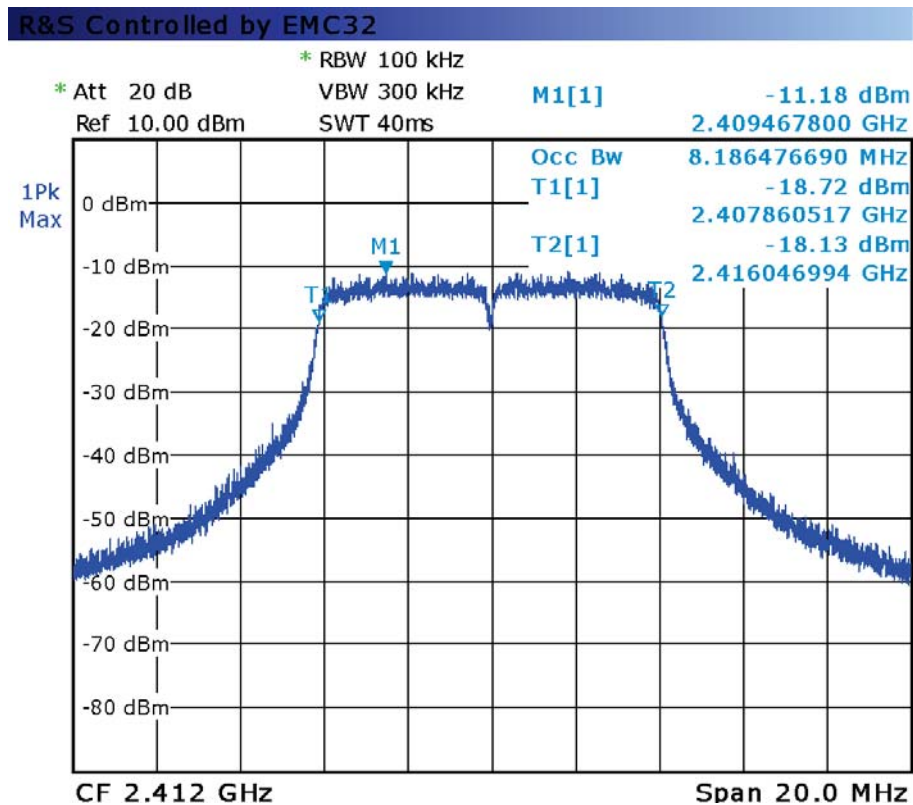
1Pk
Max

CF 2.412 GHz Span 20.0 MHz

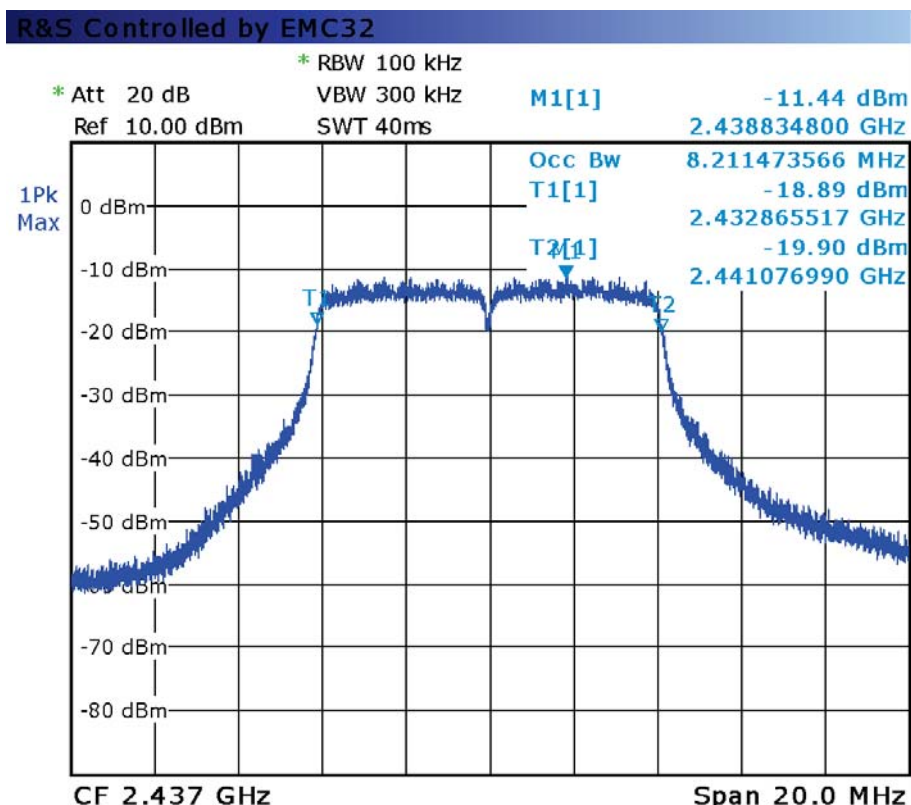
Channel 1 (F = 2412 MHz) – Mode 802.11g – bandwidth 10 MHz – Back Left



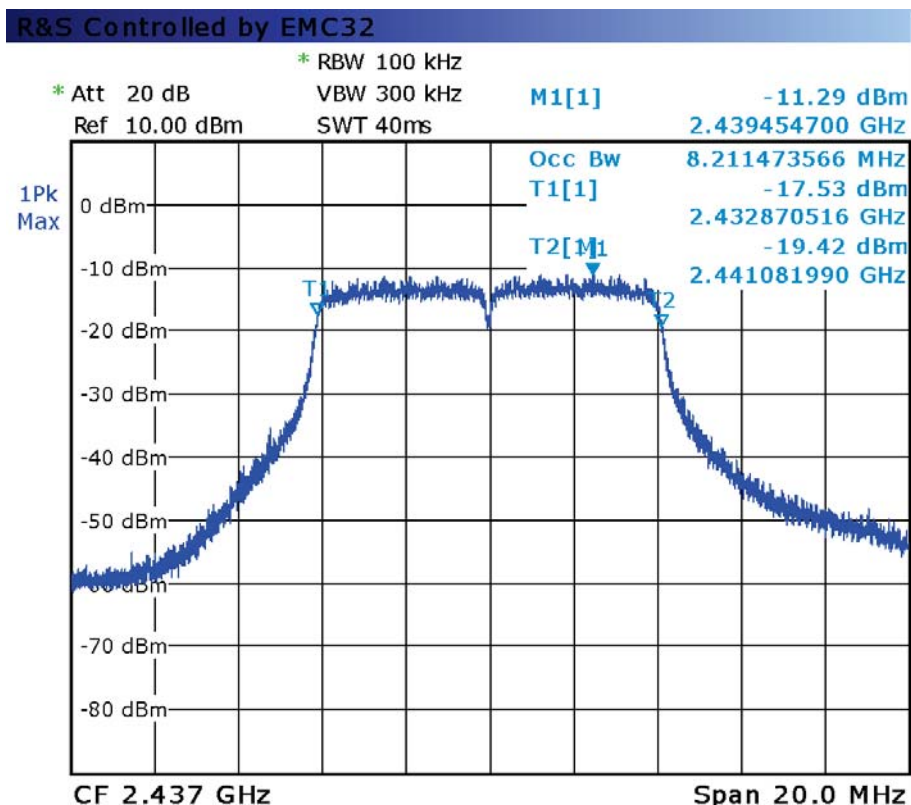
Channel 1 (F = 2412 MHz) – Mode 802.11g – bandwidth 10 MHz – Back Right



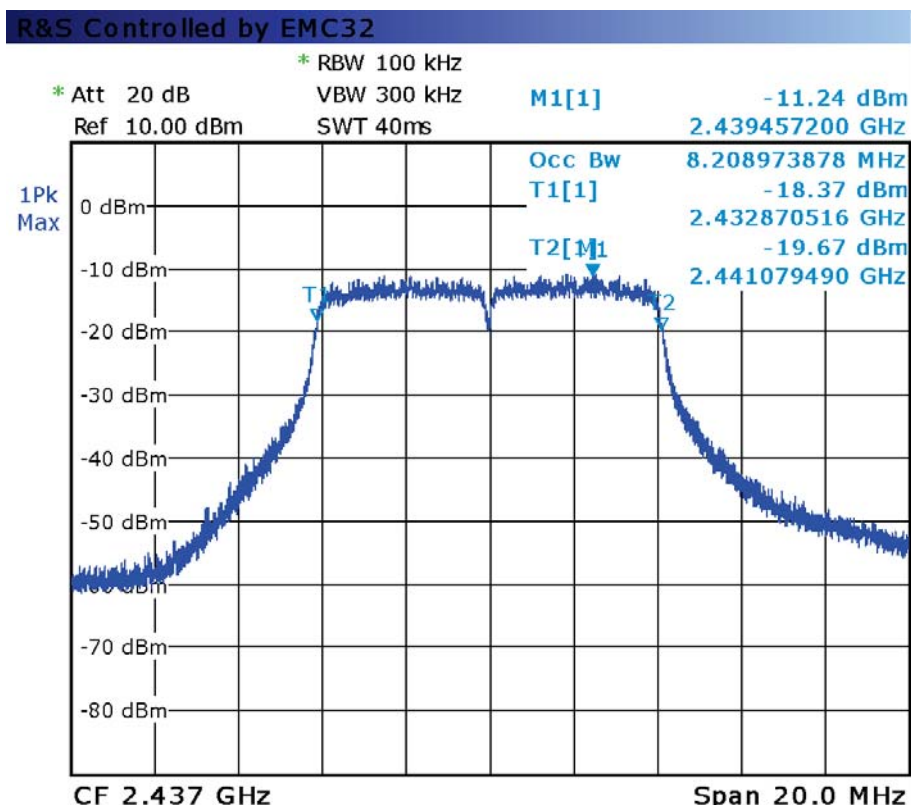
Channel 6 (F = 2437 MHz) – Mode 802.11g – bandwidth 10 MHz – Front Left



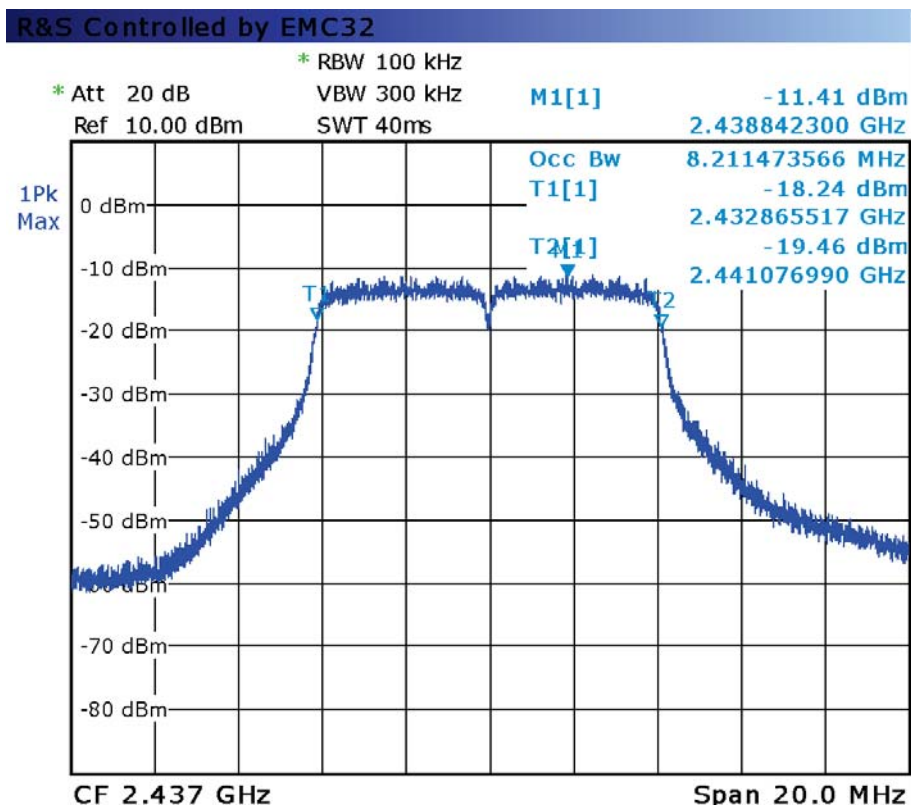
Channel 6 (F = 2437 MHz) – Mode 802.11g – bandwidth 10 MHz – Front Right



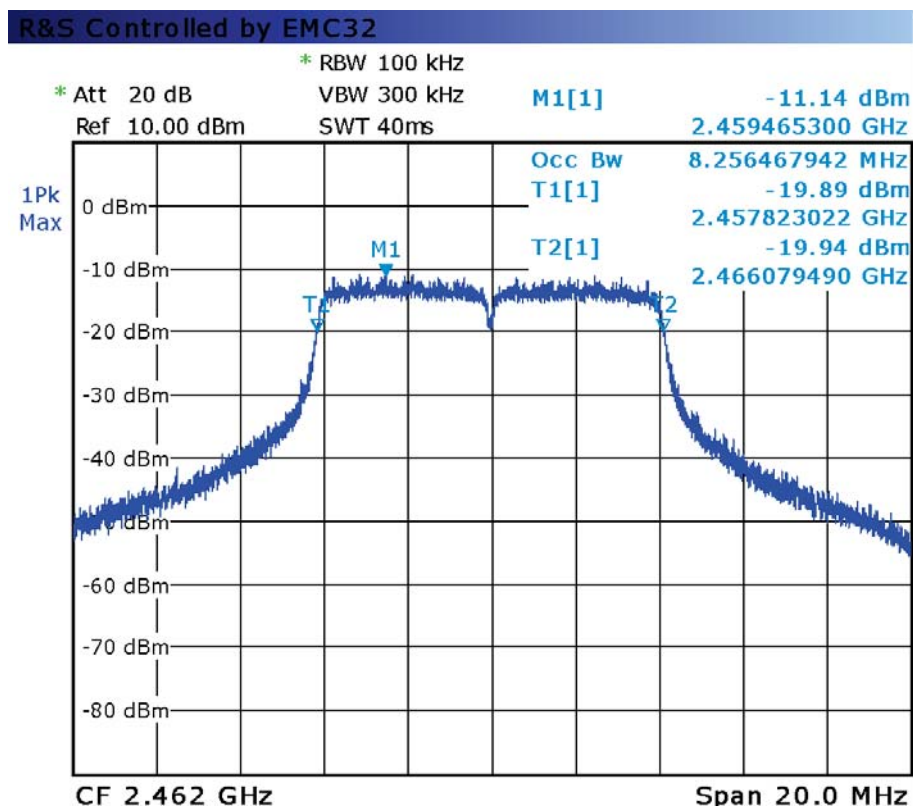
Channel 6 (F = 2437 MHz) – Mode 802.11g – bandwidth 10 MHz – Back Left



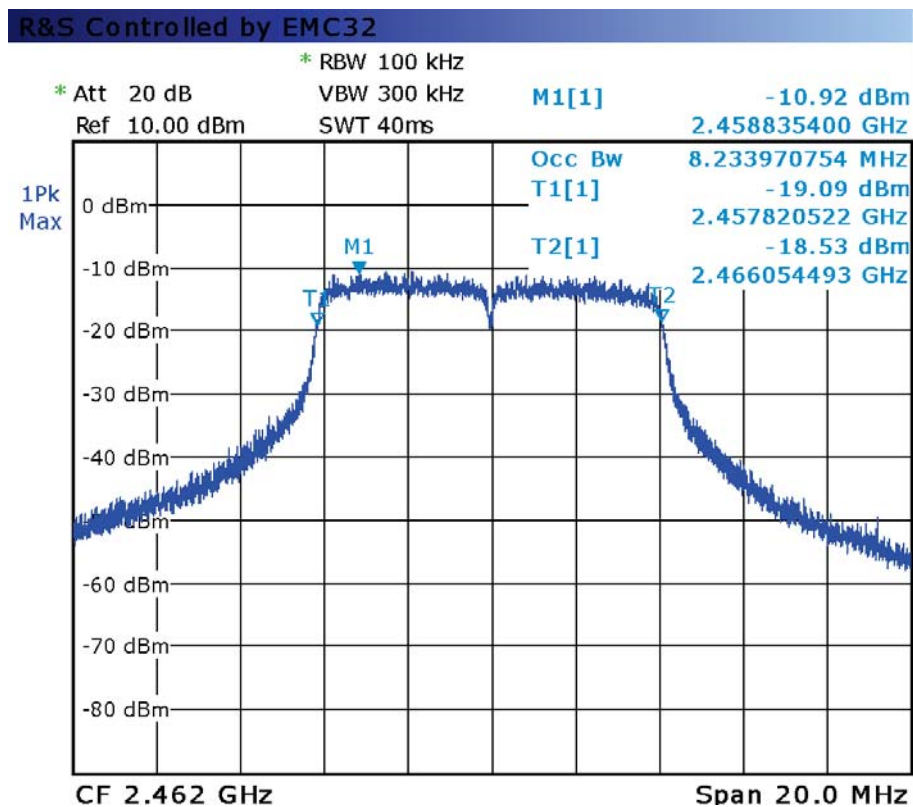
Channel 6 (F = 2437 MHz) – Mode 802.11g – bandwidth 10 MHz – Back Right



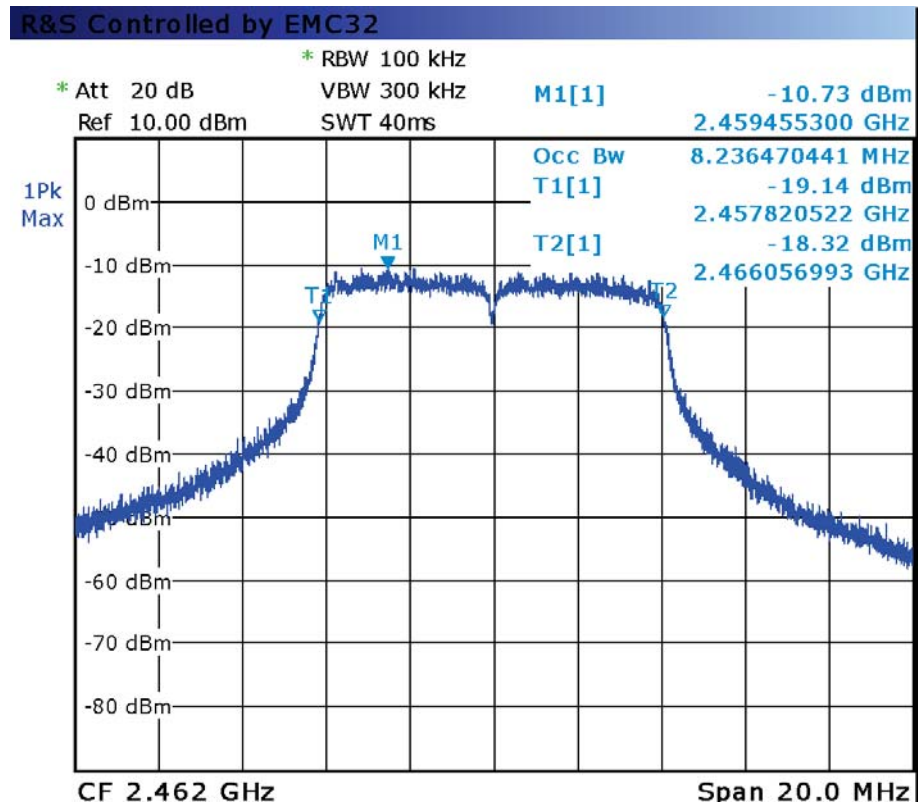
Channel 11 (F = 2462 MHz) – Mode 802.11g – bandwidth 10 MHz – Front Left



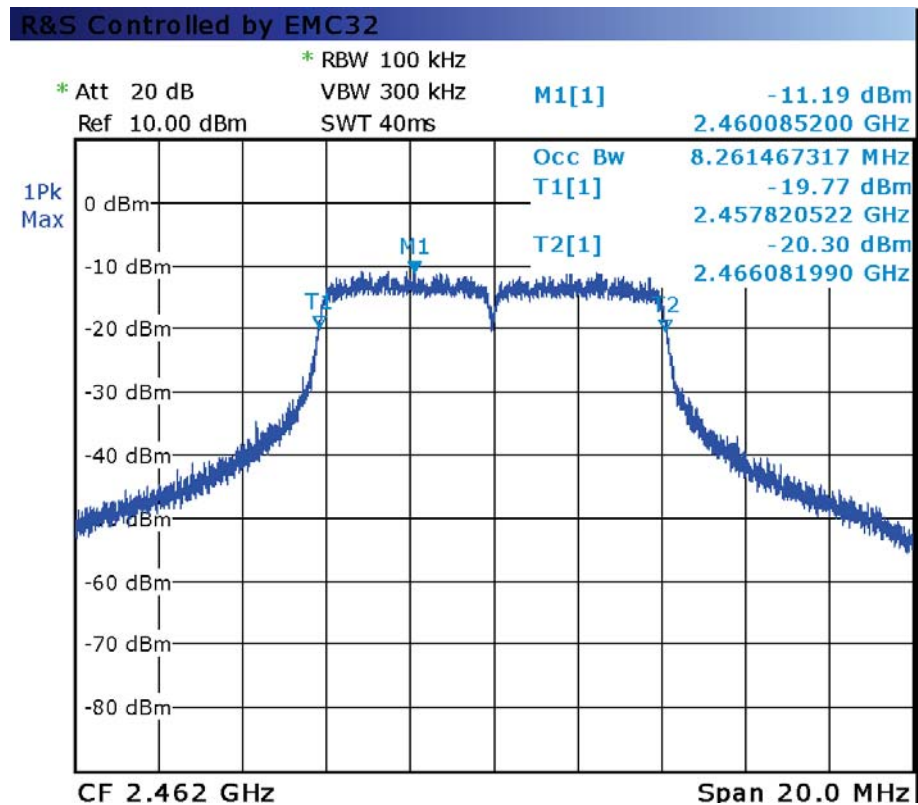
Channel 11 (F = 2462 MHz) – Mode 802.11g – bandwidth 10 MHz – Front Right



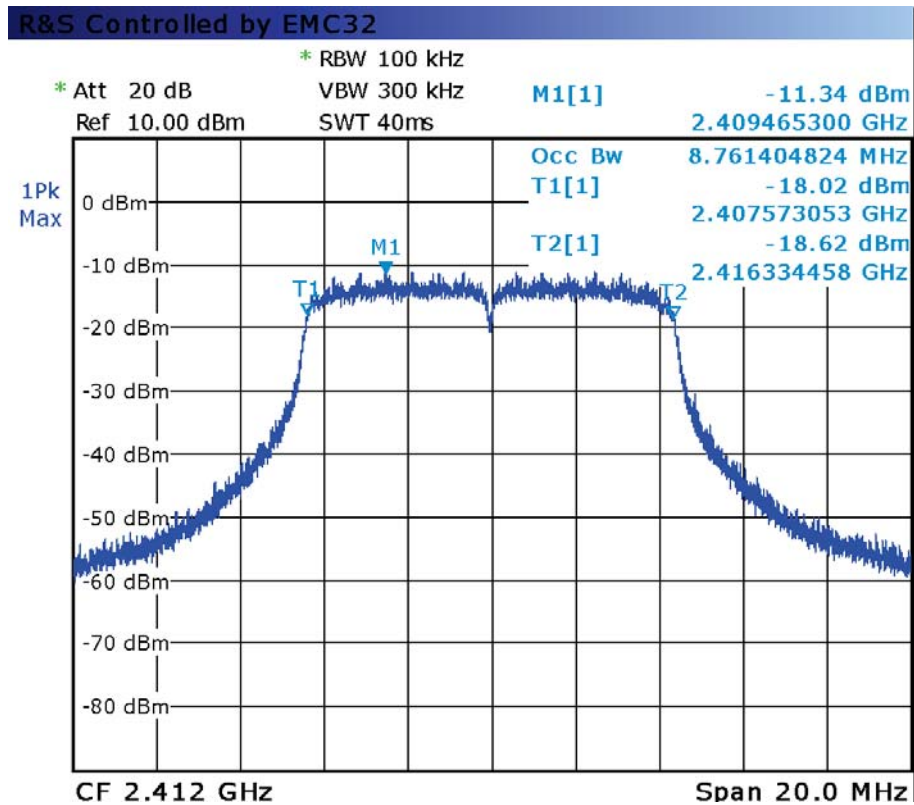
Channel 11 (F = 2462 MHz) – Mode 802.11g – bandwidth 10 MHz – Back Left



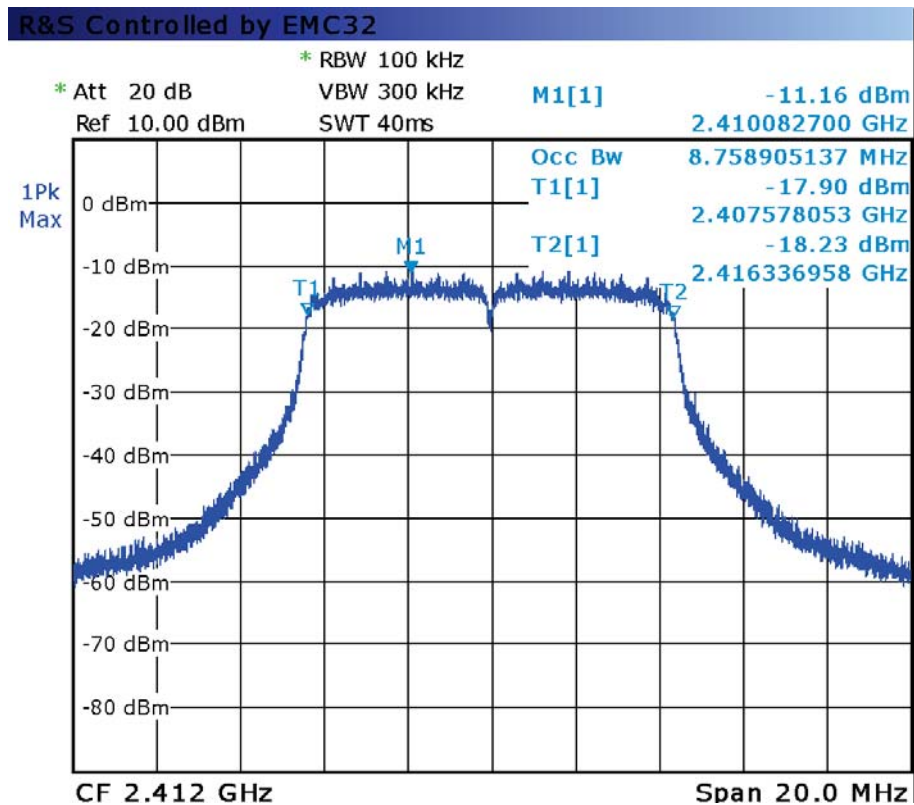
Channel 11 (F = 2462 MHz) – Mode 802.11g – bandwidth 10 MHz – Back Right



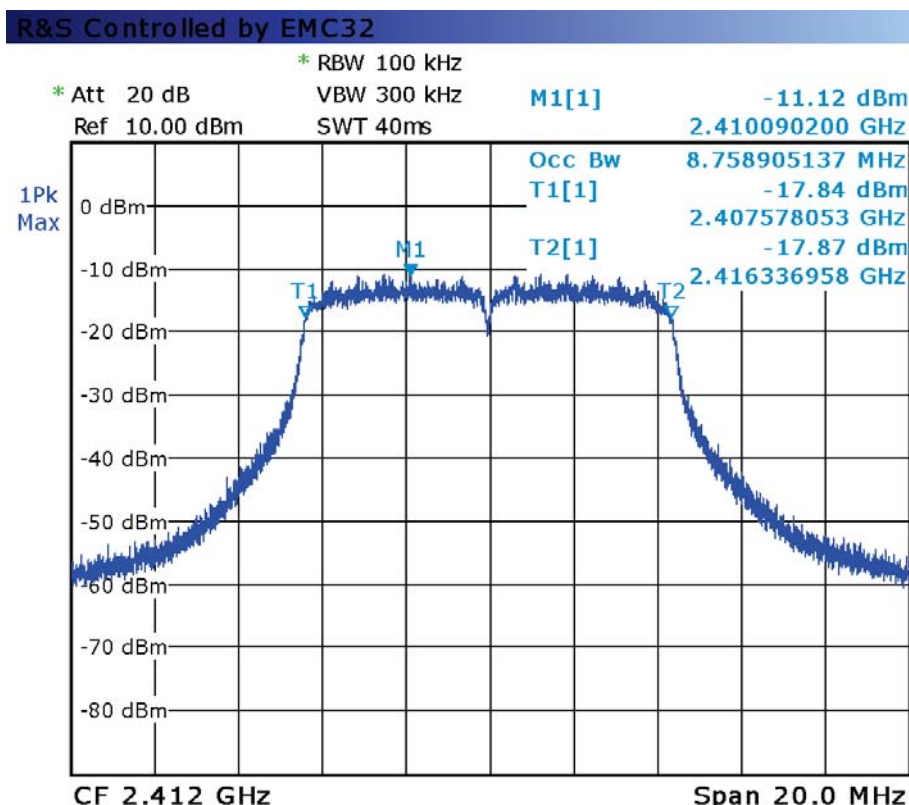
Channel 1 (F = 2412 MHz) – Mode 802.11n – bandwidth 10 MHz – Front Left



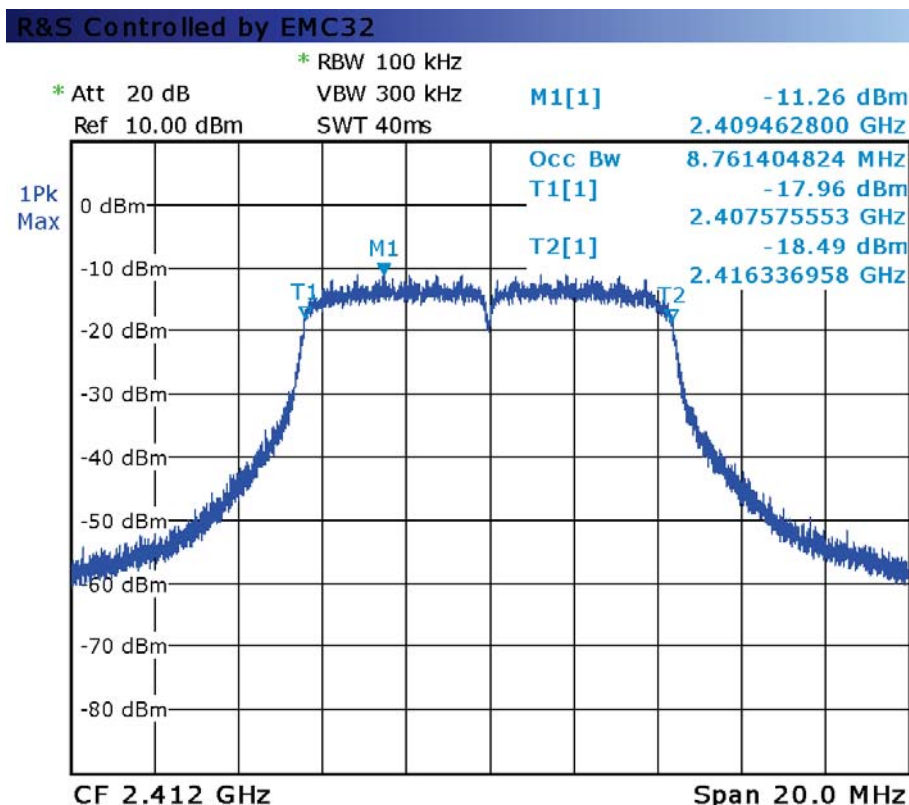
Channel 1 (F = 2412 MHz) – Mode 802.11n – bandwidth 10 MHz – Front Right



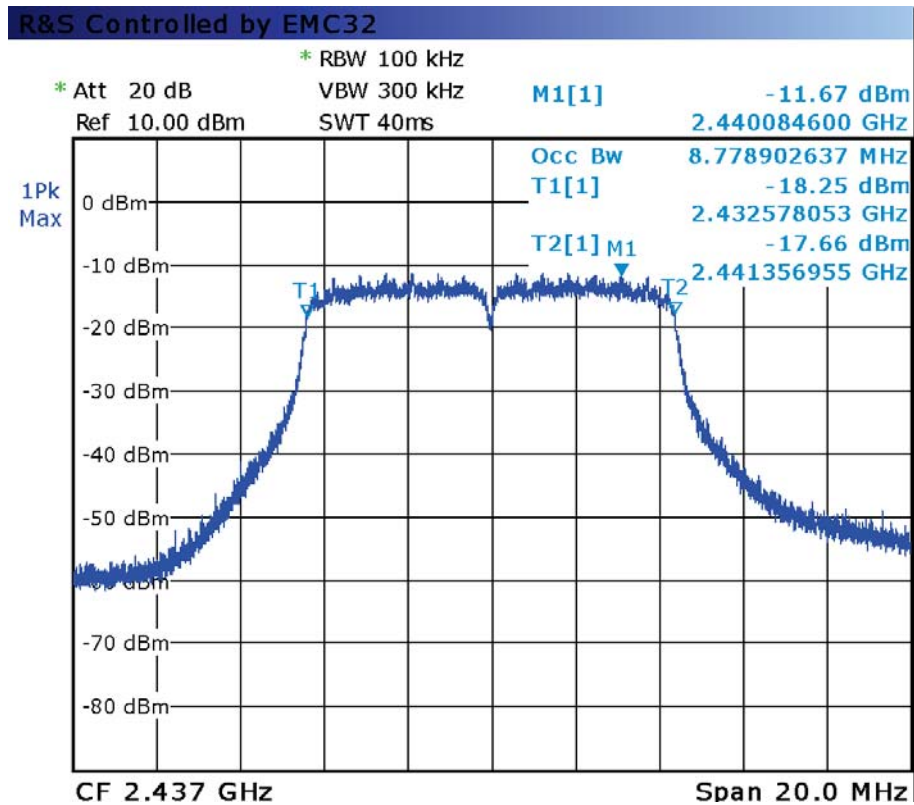
Channel 1 (F = 2412 MHz) – Mode 802.11n – bandwidth 10 MHz – Back Left



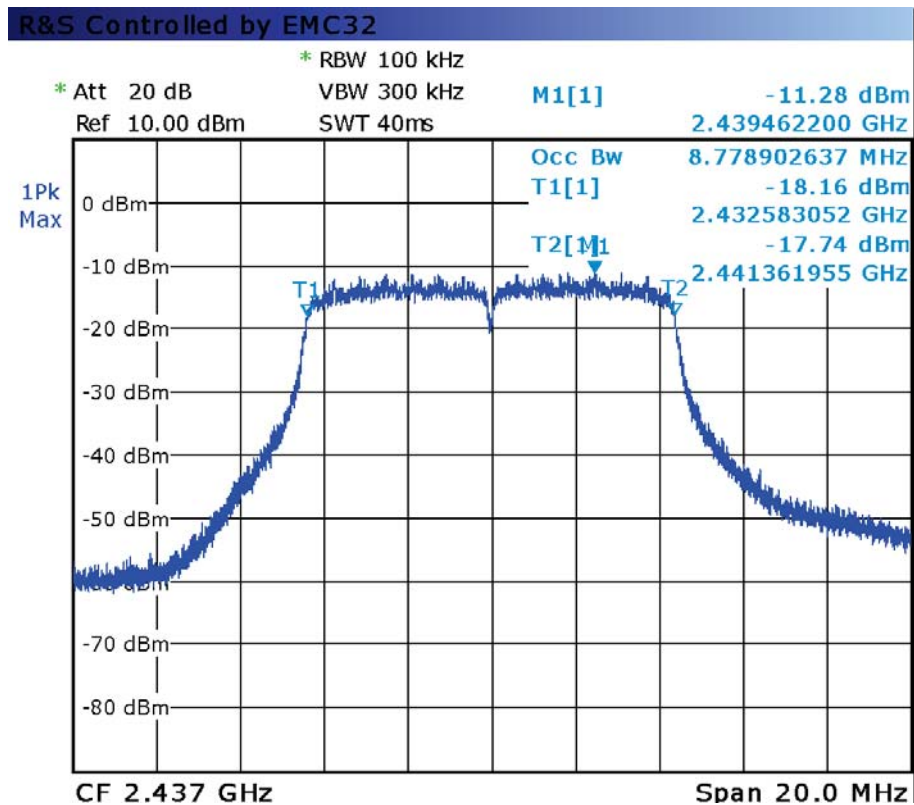
Channel 1 (F = 2412 MHz) – Mode 802.11n – bandwidth 10 MHz – Back Right



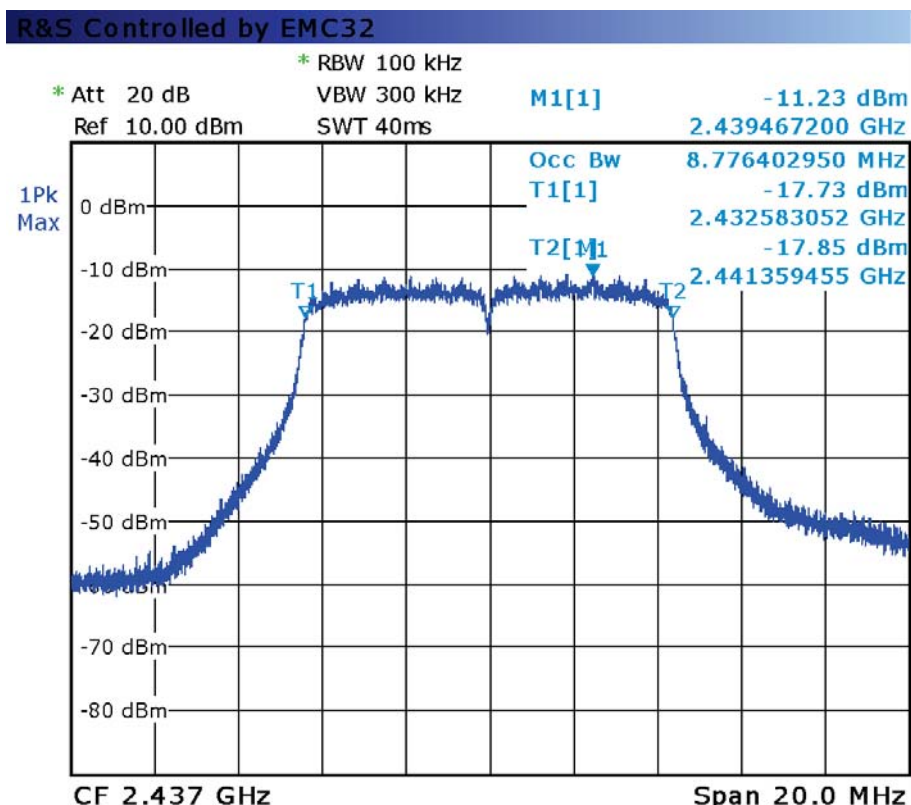
Channel 6 (F = 2437 MHz) – Mode 802.11n – bandwidth 10 MHz – Front Left



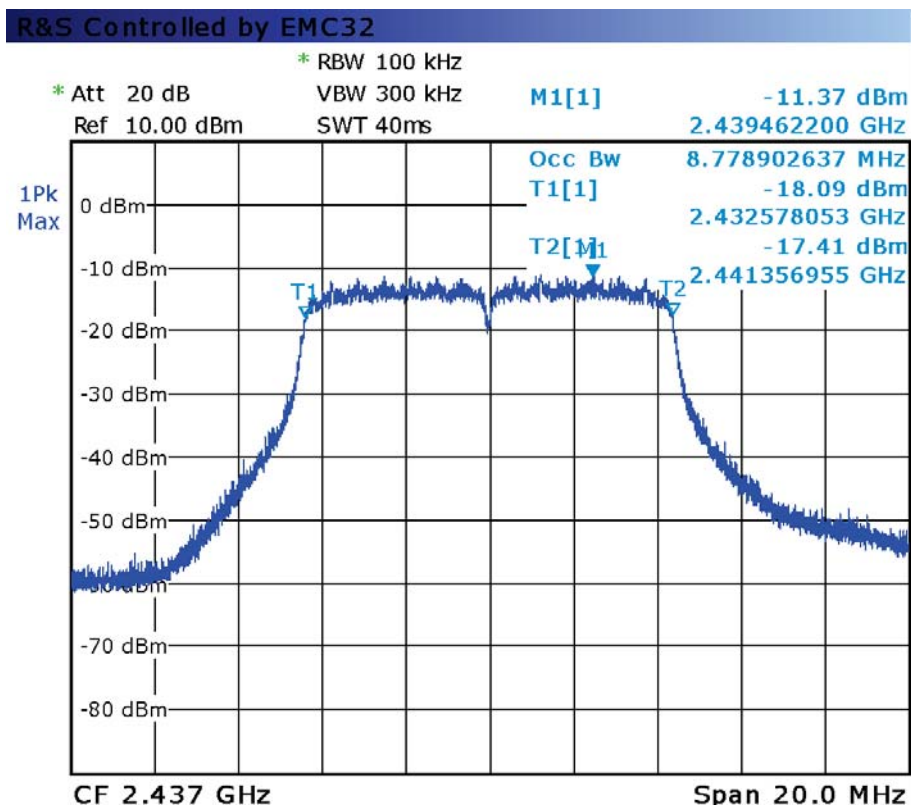
Channel 6 (F = 2437 MHz) – Mode 802.11n – bandwidth 10 MHz – Front Right



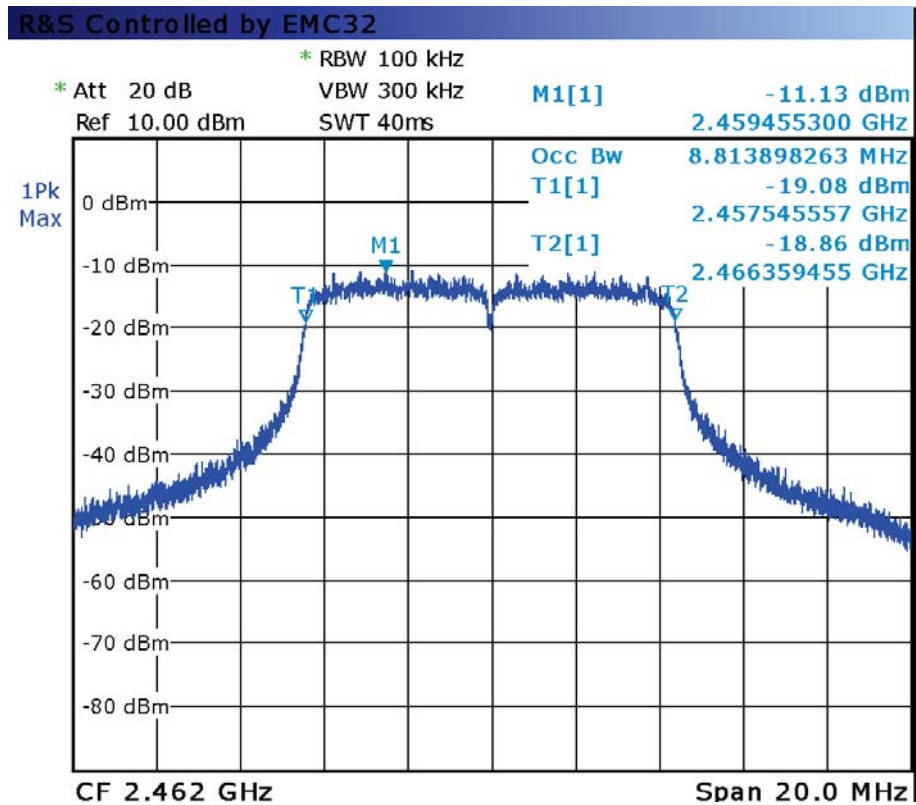
Channel 6 (F = 2437 MHz) – Mode 802.11n – bandwidth 10 MHz – Back Left



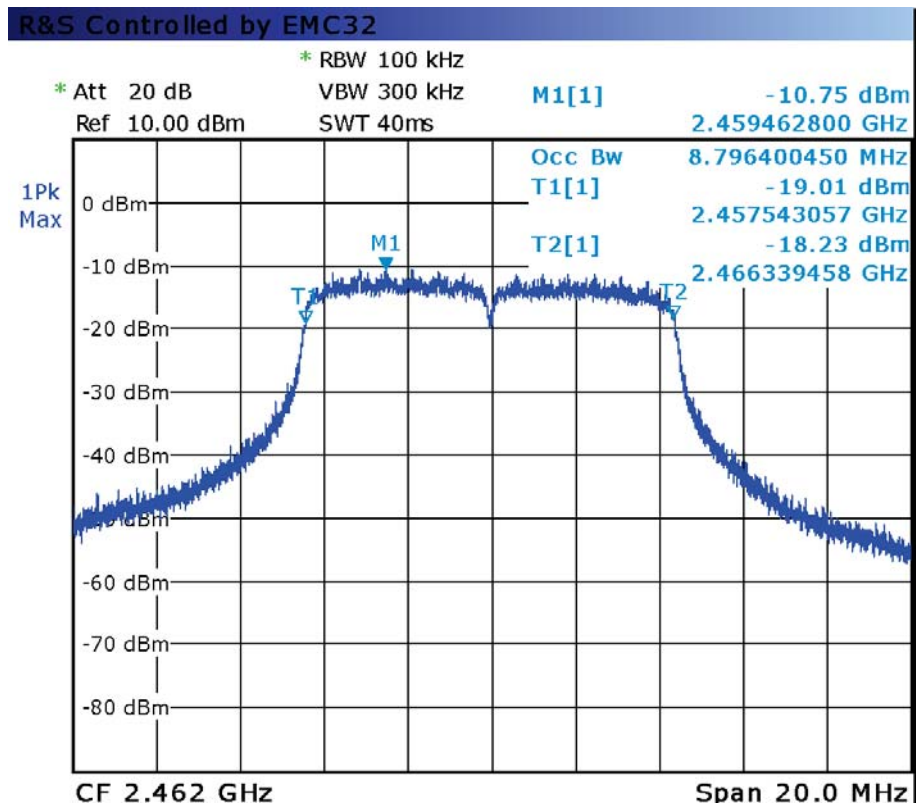
Channel 6 (F = 2437 MHz) – Mode 802.11n – bandwidth 10 MHz – Back Right



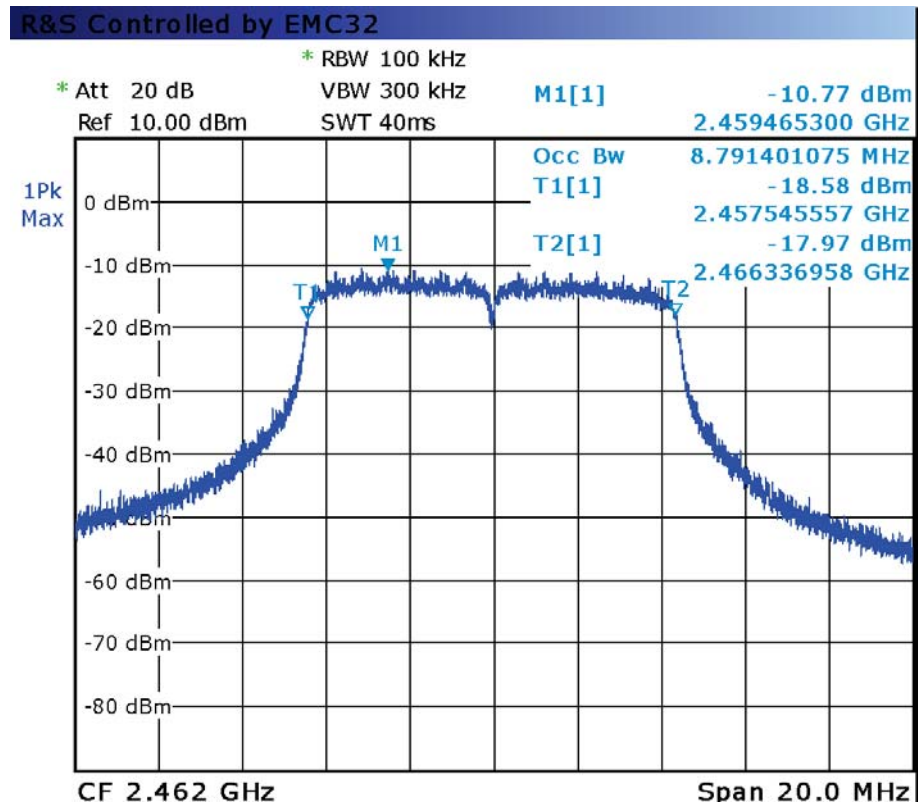
Channel 11 (F = 2462 MHz) – Mode 802.11n – bandwidth 10 MHz – Front Left



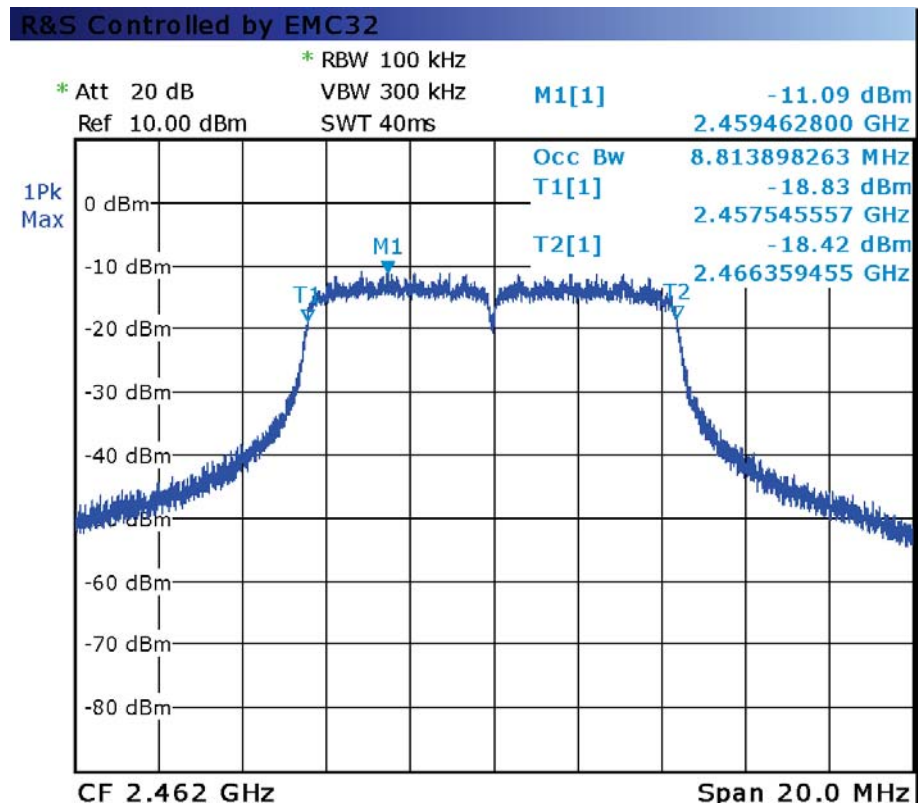
Channel 11 (F = 2462 MHz) – Mode 802.11n – bandwidth 10 MHz – Front Right



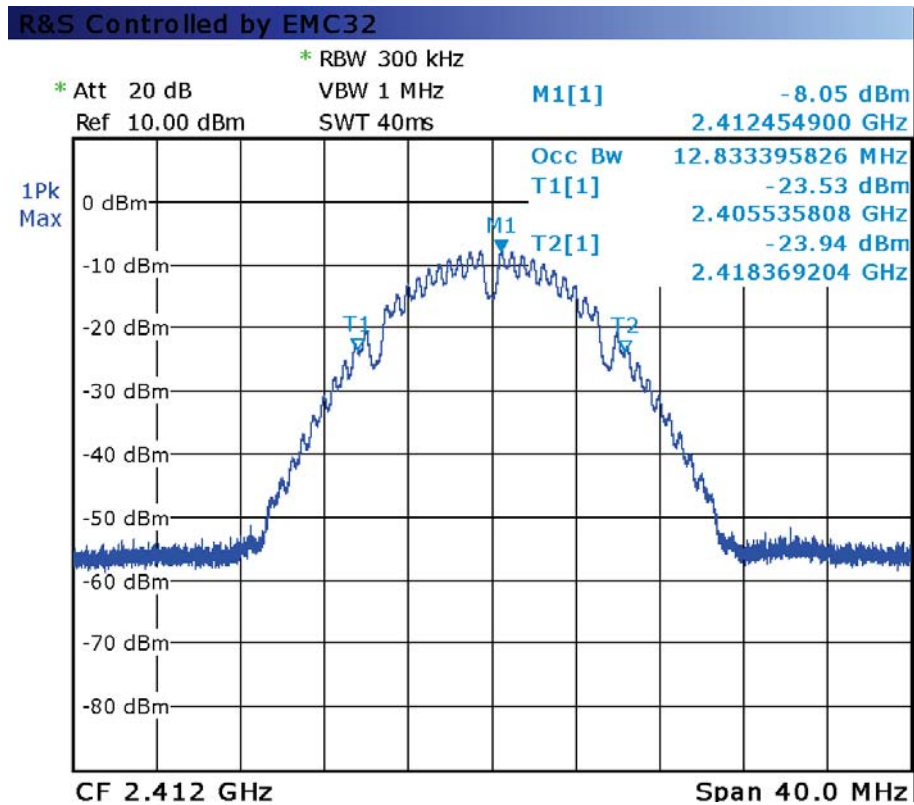
Channel 11 (F = 2462 MHz) – Mode 802.11n – bandwidth 10 MHz – Back Left



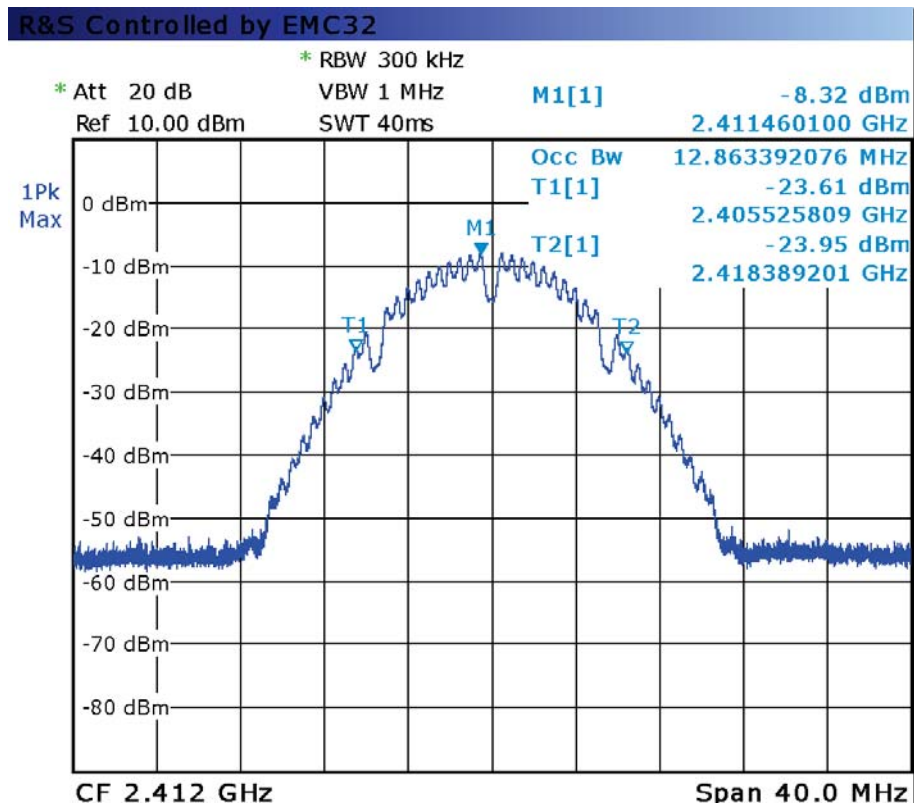
Channel 11 (F = 2462 MHz) – Mode 802.11n – bandwidth 10 MHz – Back Right



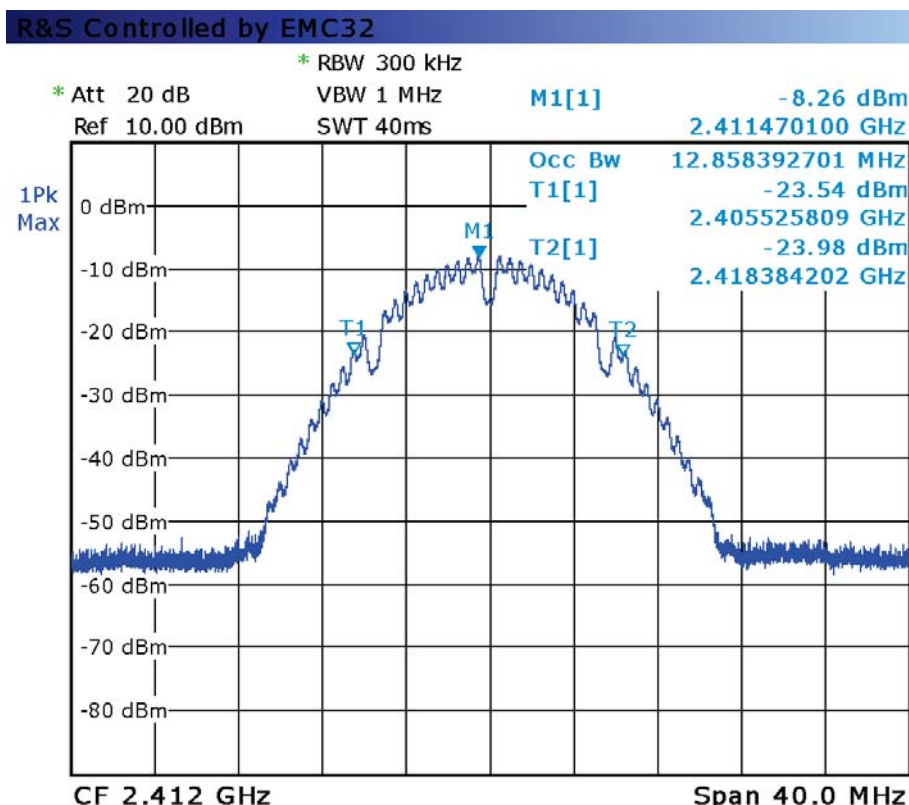
Channel 1 (F = 2412 MHz) – Mode 802.11b – bandwidth 20 MHz – Front Left



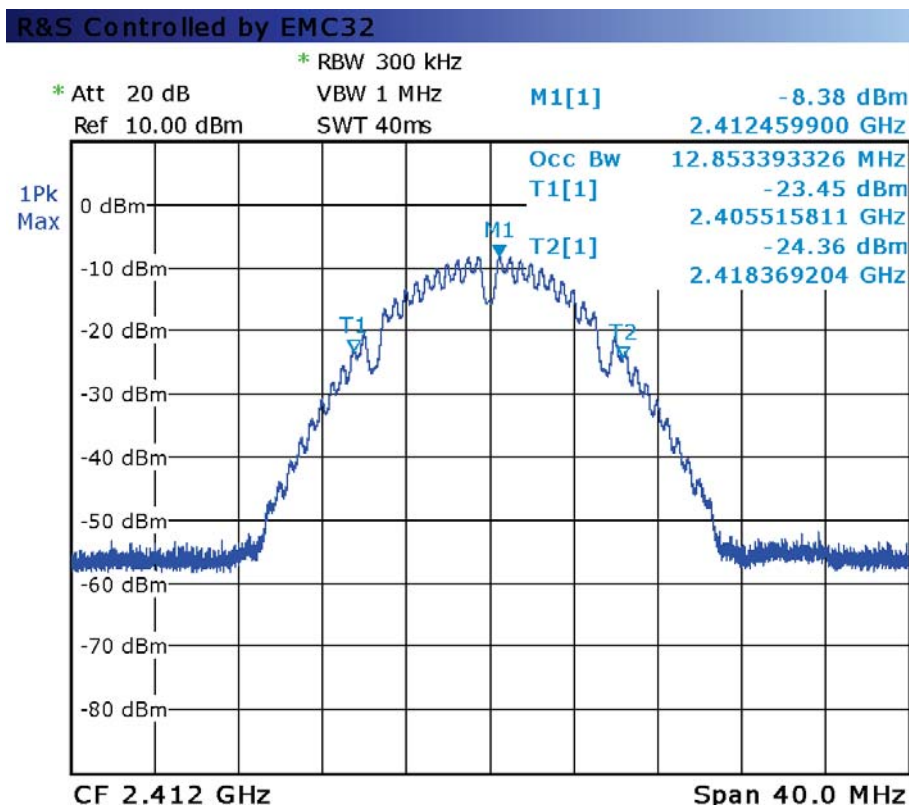
Channel 1 (F = 2412 MHz) – Mode 802.11b – bandwidth 20 MHz – Front Right



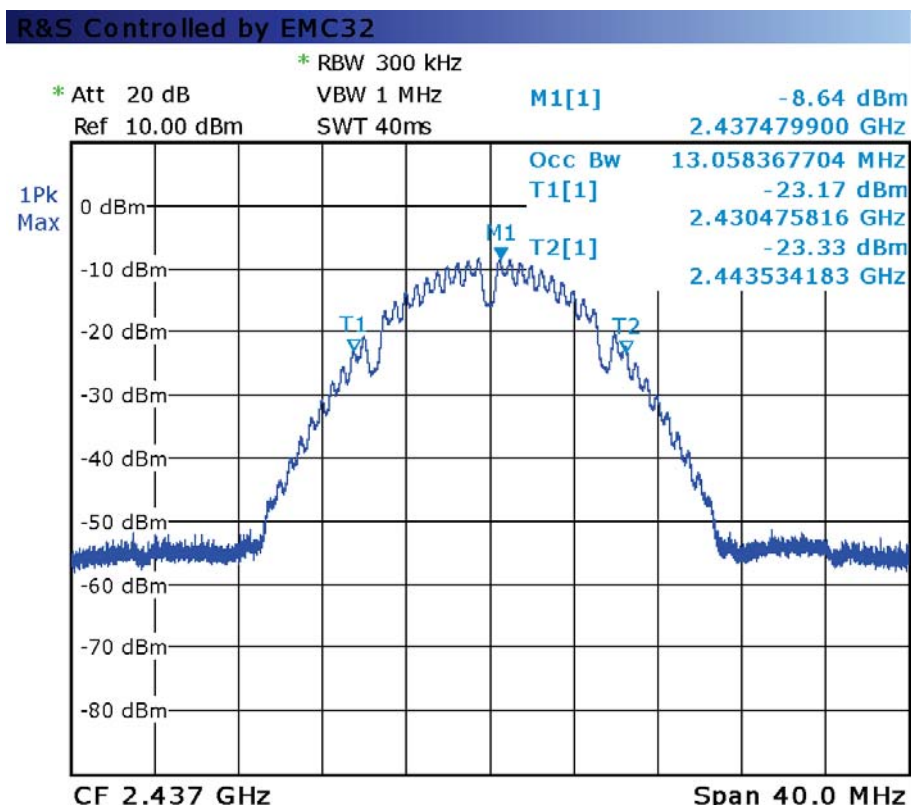
Channel 1 (F = 2412 MHz) – Mode 802.11b – bandwidth 20 MHz – Back Left



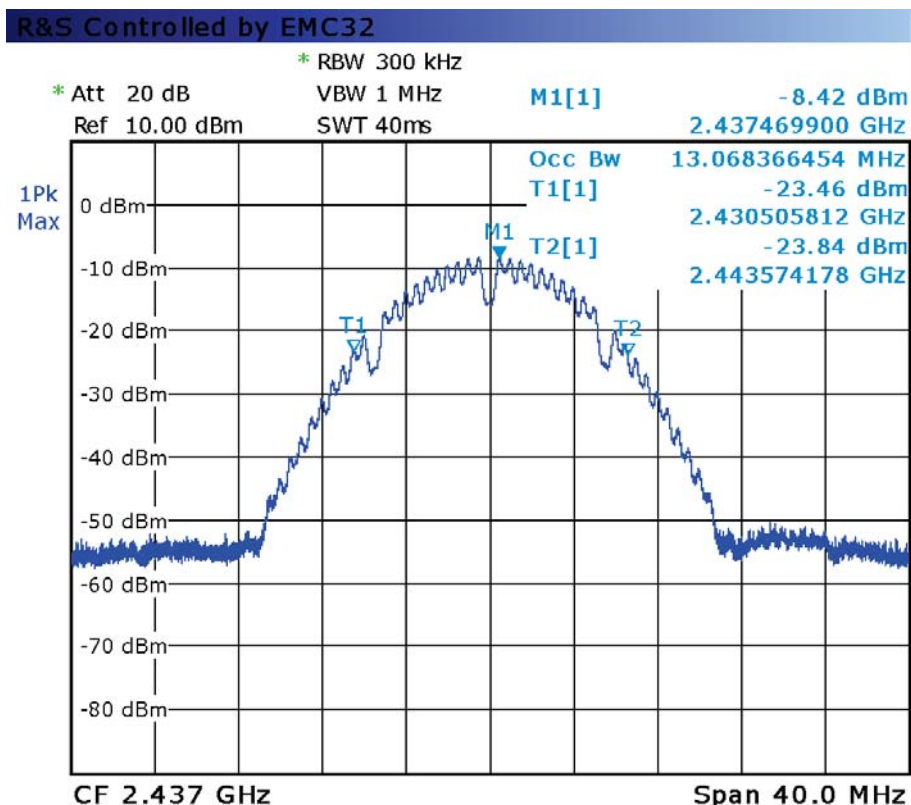
Channel 1 (F = 2412 MHz) – Mode 802.11b – bandwidth 20 MHz – Back Right



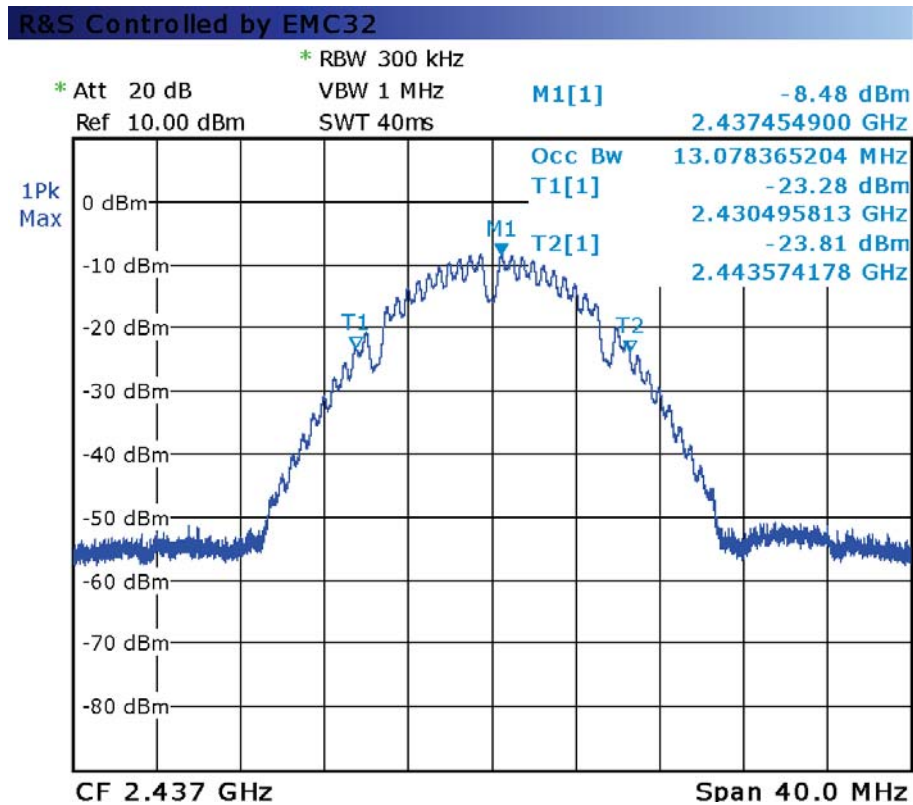
Channel 6 (F = 2437 MHz) – Mode 802.11b – bandwidth 20 MHz – Front Left



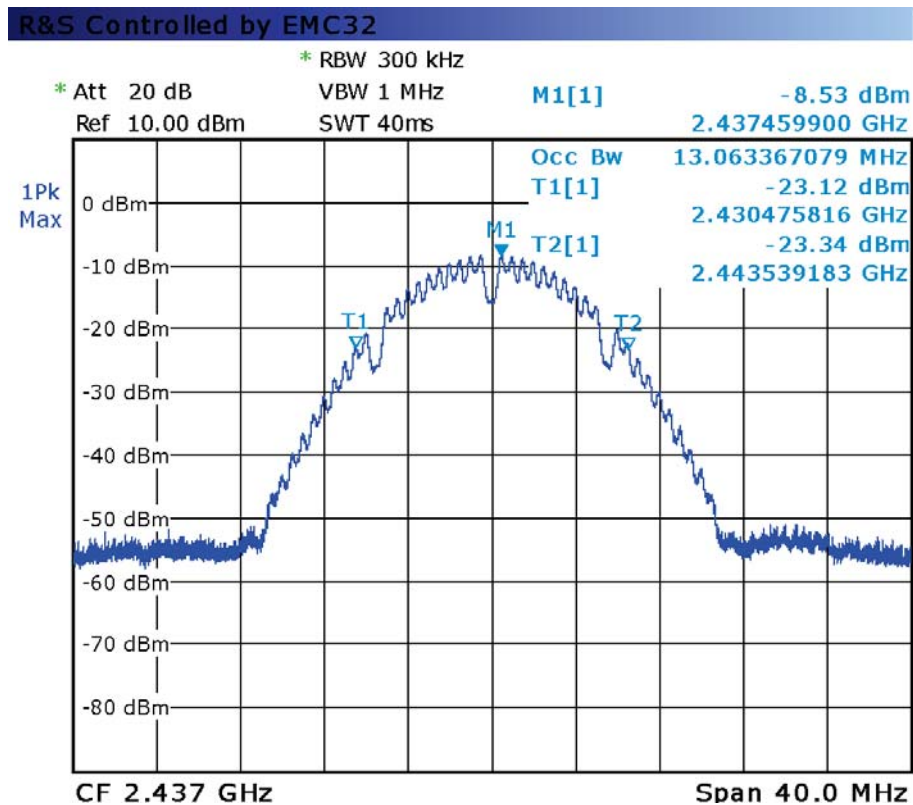
Channel 6 (F = 2437 MHz) – Mode 802.11b – bandwidth 20 MHz – Front Right



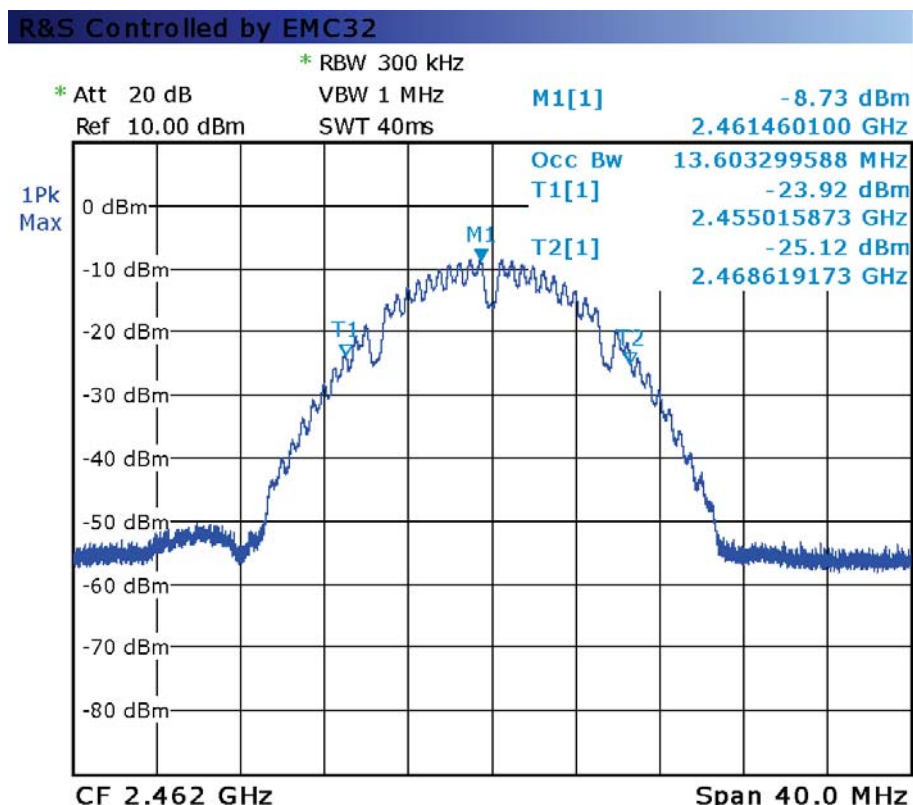
Channel 6 (F = 2437 MHz) – Mode 802.11b – bandwidth 20 MHz – Back Left



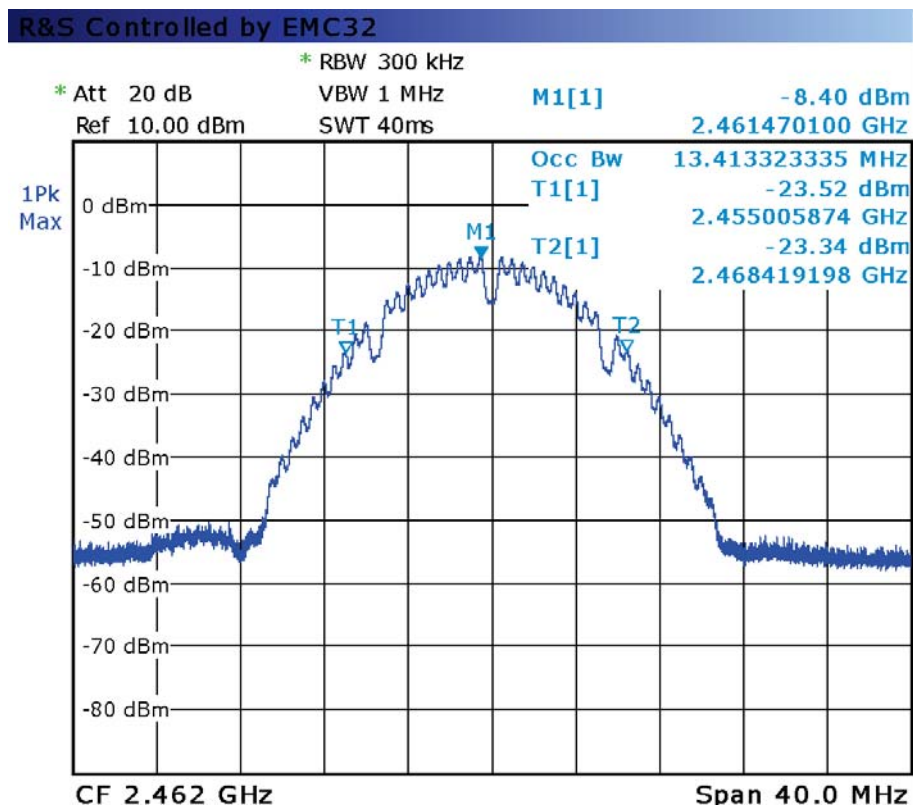
Channel 6 (F = 2437 MHz) – Mode 802.11b – bandwidth 20 MHz – Back Right



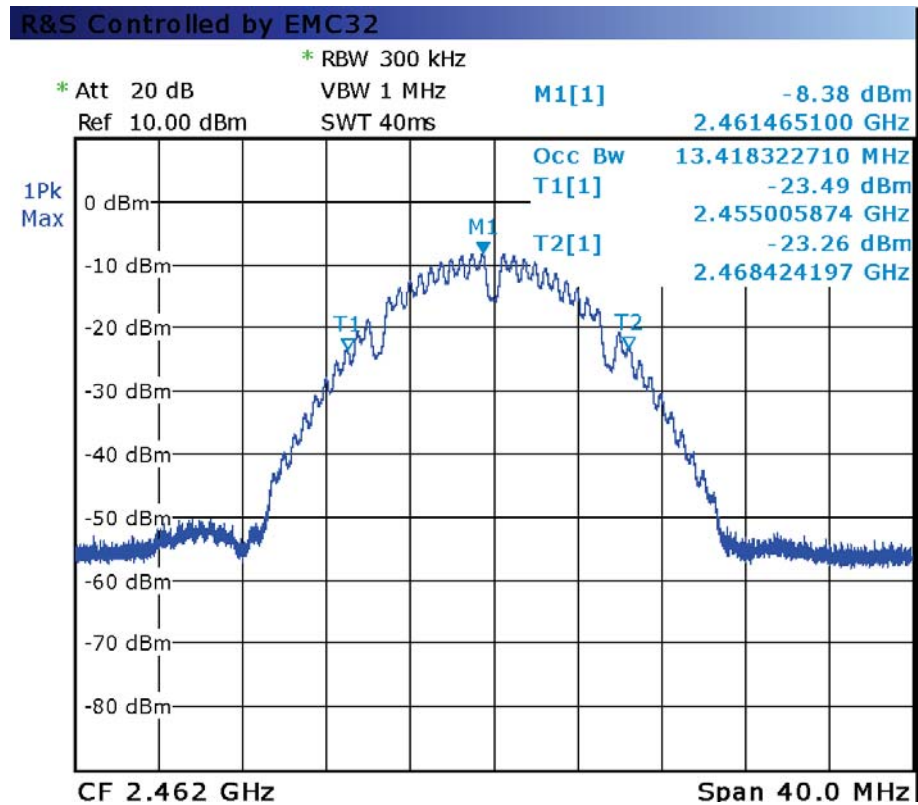
Channel 11 (F = 2462 MHz) – Mode 802.11b – bandwidth 20 MHz – Front Left



Channel 11 (F = 2462 MHz) – Mode 802.11b – bandwidth 20 MHz – Front Right



Channel 11 (F = 2462 MHz) – Mode 802.11b – bandwidth 20 MHz – Back Left



Channel 11 (F = 2462 MHz) – Mode 802.11b – bandwidth 20 MHz – Back Right

