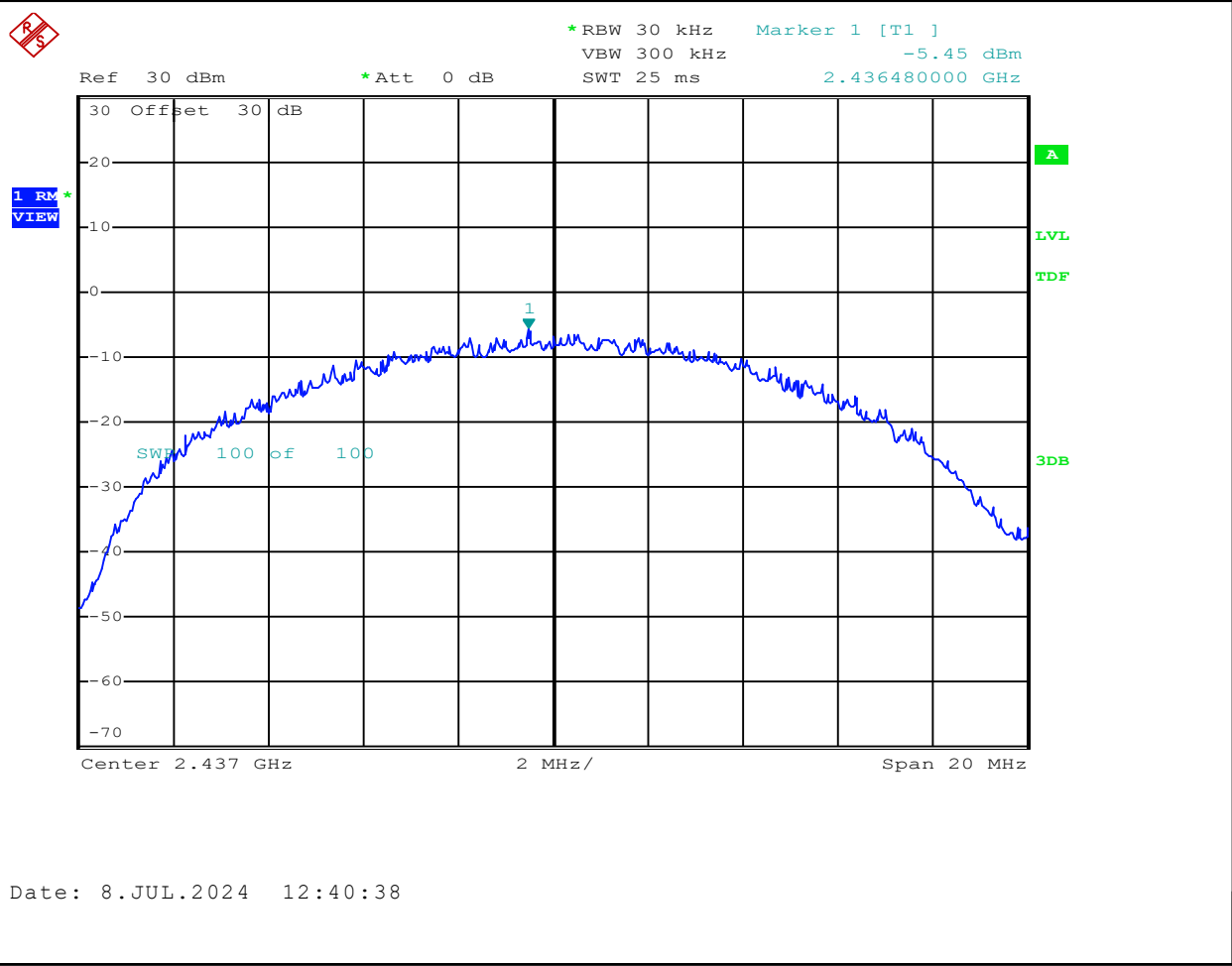


| PSD Results:   |                         |         |            |                                         |                                     |             |
|----------------|-------------------------|---------|------------|-----------------------------------------|-------------------------------------|-------------|
| Channel Number | Channel Frequency (MHz) | Mode    | Modulation | Measured PSD [P <sub>Meas</sub> ] (dBm) | PSD Limit [P <sub>Lim</sub> ] (dBm) | Margin (dB) |
| 6              | 2437.0                  | 802.11b | DSSS 5.5   | -5.45                                   | 8.000                               | 13.45       |
|                |                         | 802.11g | OFDM12     | -7.98                                   |                                     | 15.98       |
|                |                         | 802.11n | MCS0       | -10.00                                  |                                     | 18.00       |
| 17             | 2440.0                  | BLE 1mb | GMSK       | -11.06                                  |                                     | 19.06       |
| 17             |                         | BLE 2mb | GMSK       | -12.91                                  |                                     | 20.91       |
| 38             |                         | ANT     | GFSK       | -10.37                                  |                                     | 18.37       |
|                |                         |         |            |                                         | Result:                             | Complies    |

Margin = [P<sub>Lim</sub>] - [P<sub>Meas</sub>]

Power Spectral Density



Channel: 6

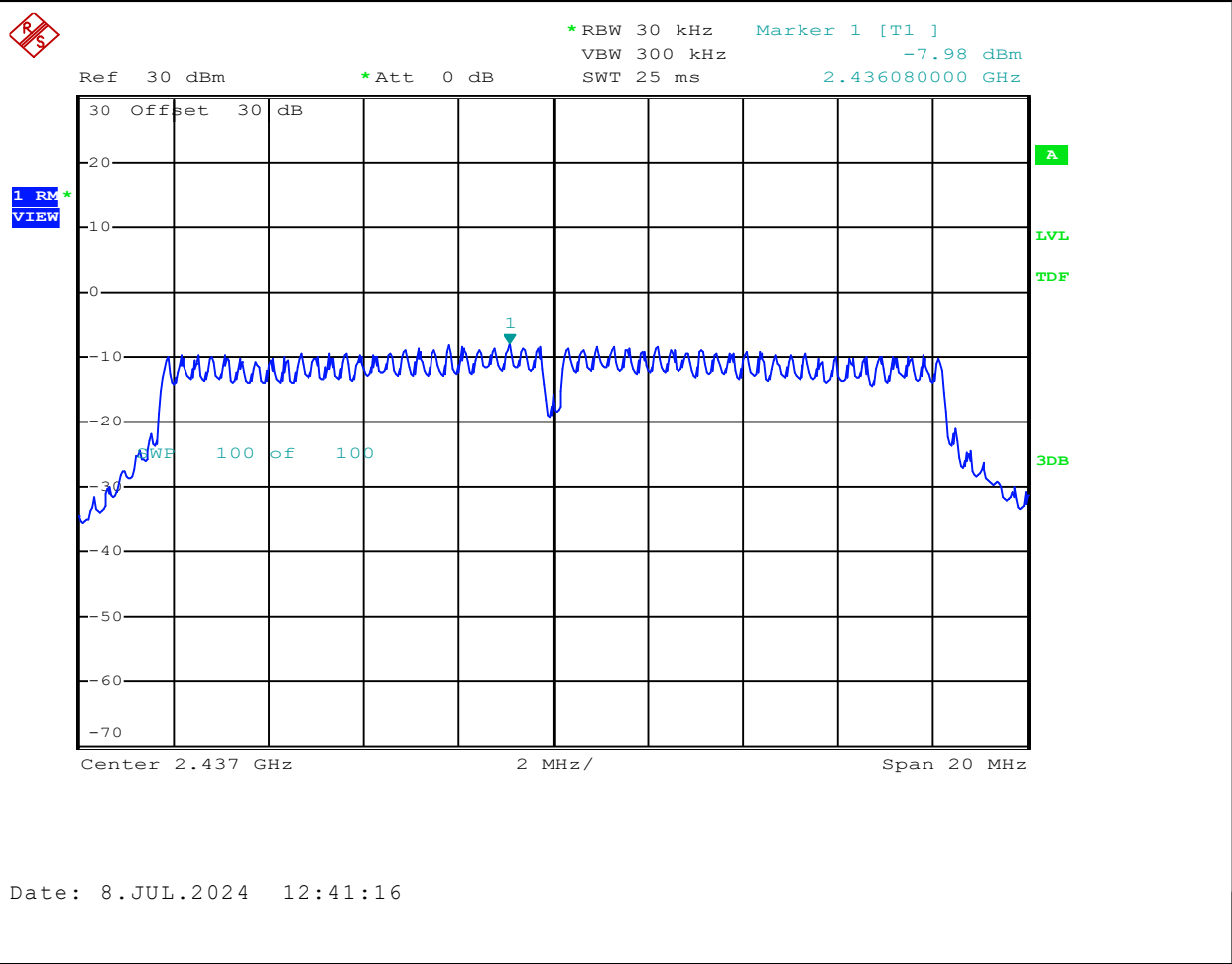
Mode: 802.11b

Channel Frequency: 2437 MHz

Modulation: DSSS 5.5

Measured PSD: -5.45 dBm

Power Spectral Density



Channel: 6

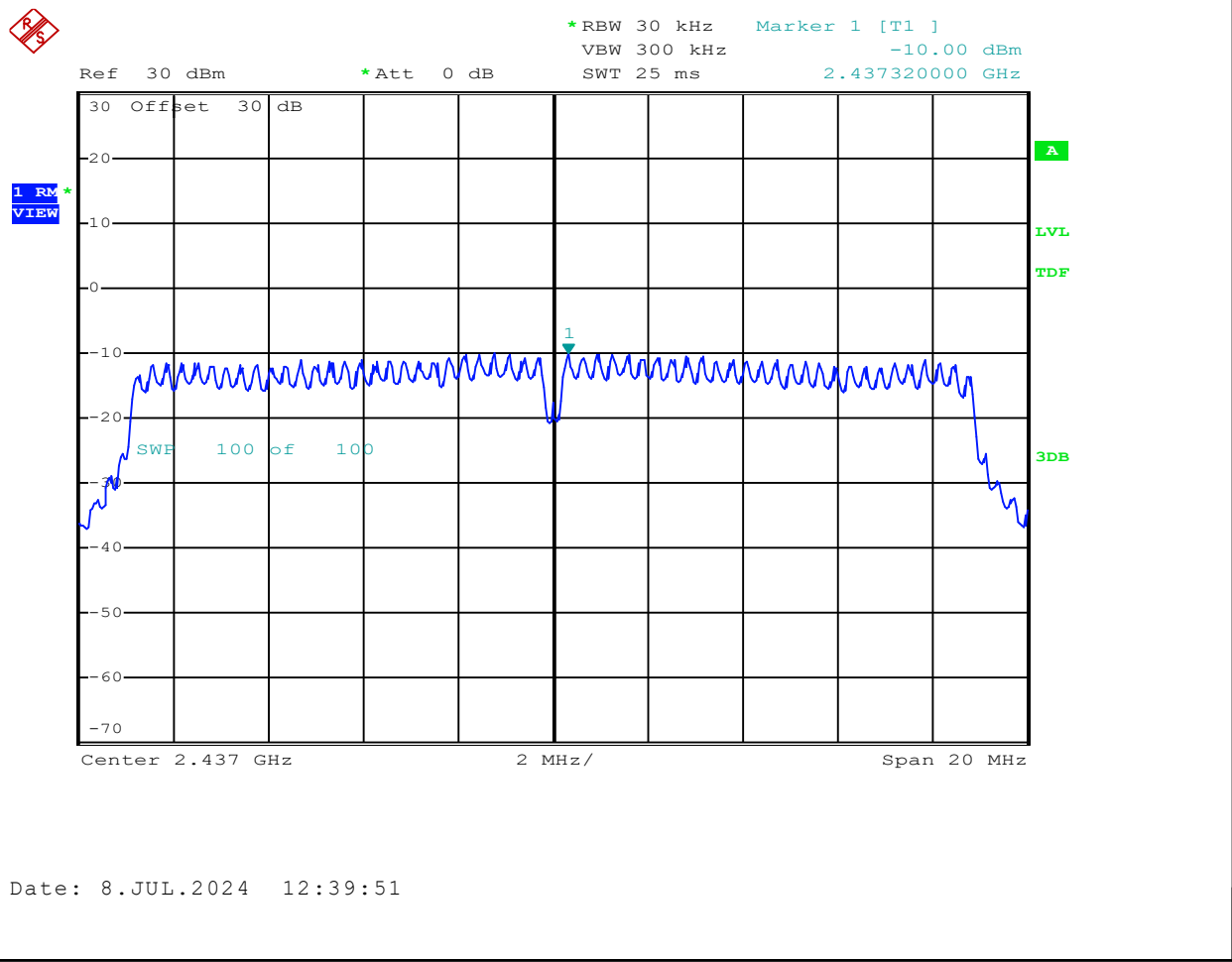
Mode: 802.11g

Channel Frequency: 2437 MHz

Modulation: OFDM12

Measured PSD: -7.98 dBm

Power Spectral Density



Channel: 6

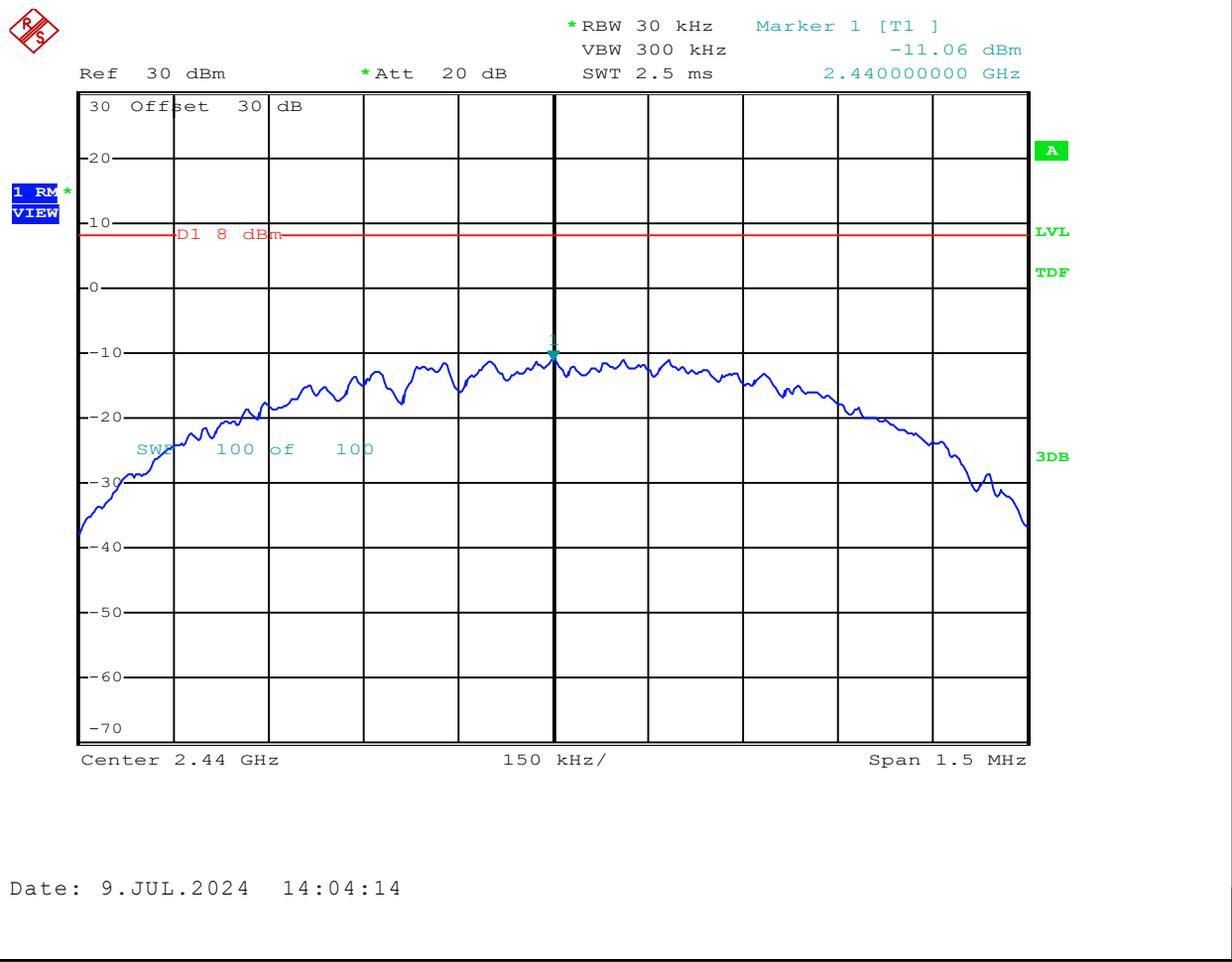
Mode: 802.11n

Channel Frequency: 2437 MHz

Modulation: MCS0

Measured PSD: -10 dBm

## Power Spectral Density



Date: 9.JUL.2024 14:04:14

Channel: 17

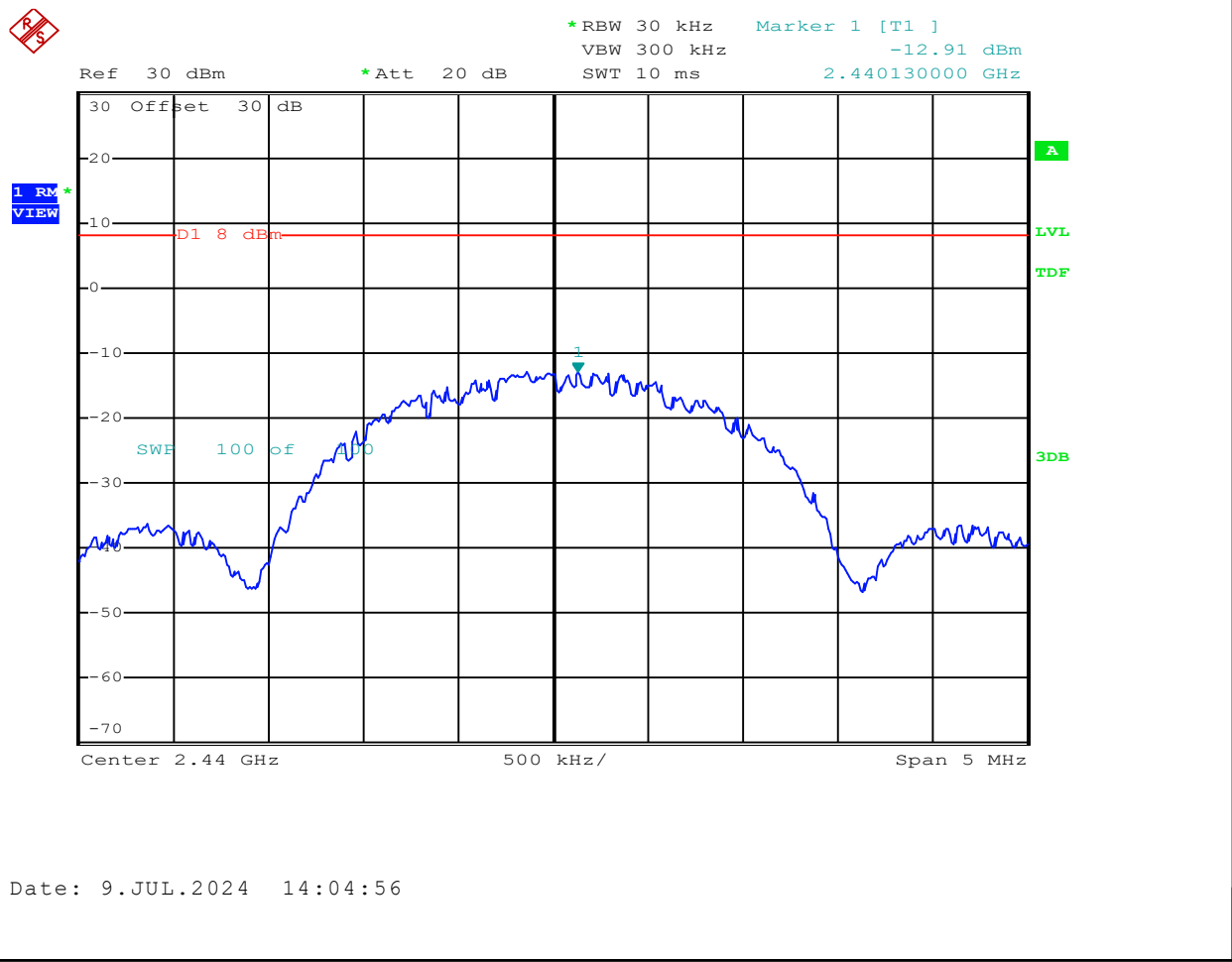
|       |         |
|-------|---------|
| Mode: | BLE 1mb |
|-------|---------|

Channel Frequency: 2440 MHz

|             |      |
|-------------|------|
| Modulation: | GMSK |
|-------------|------|

Measured PSD: -11.06 dBm

## Power Spectral Density



Date: 9.JUL.2024 14:04:56

Channel: 17

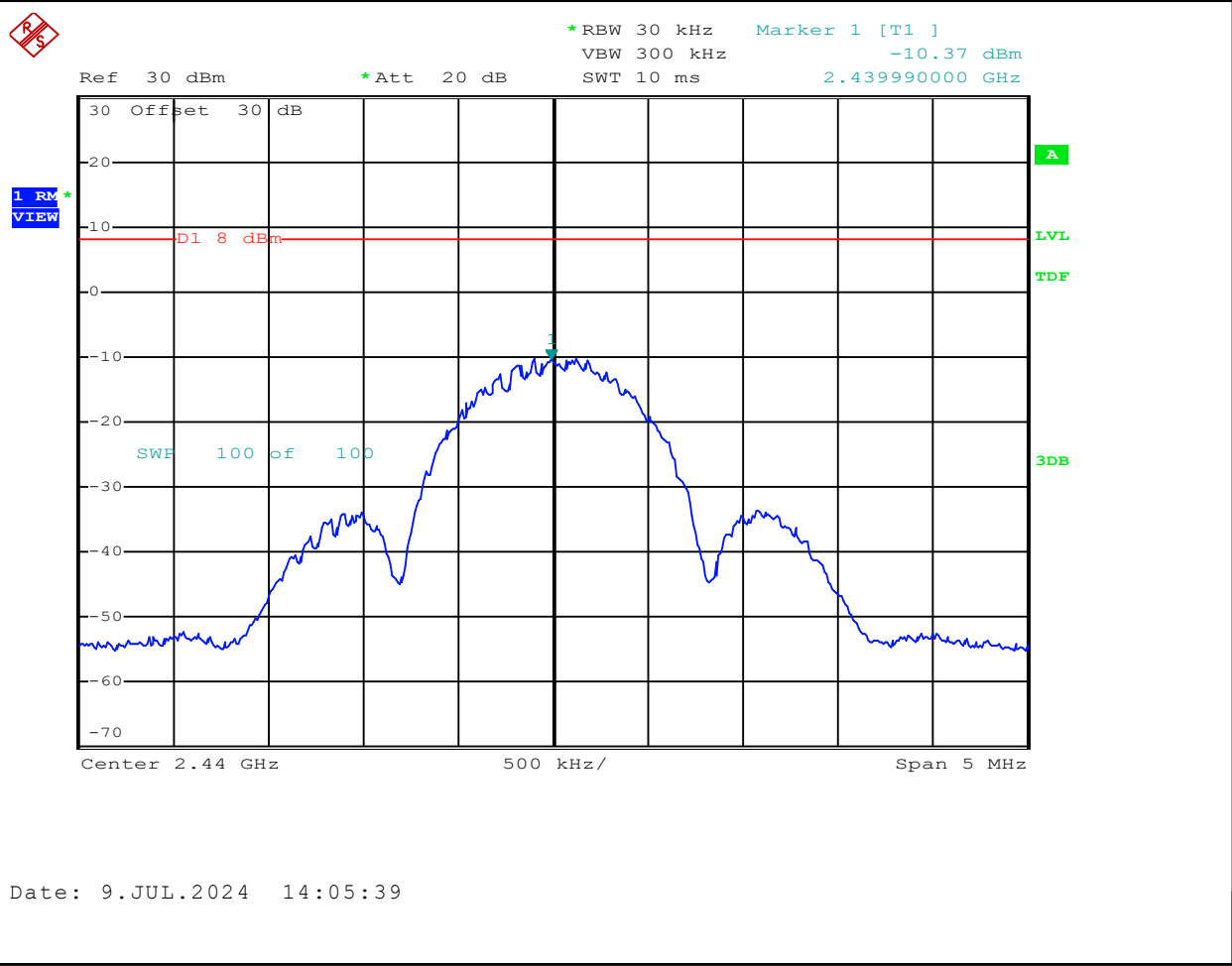
Mode: BLE 2mb

Channel Frequency: 2440 MHz

Modulation: **GMSK**

Measured PSD: **-12.91** dBm

Power Spectral Density



Channel: 38

Mode: ANT

Channel Frequency: 2440 MHz

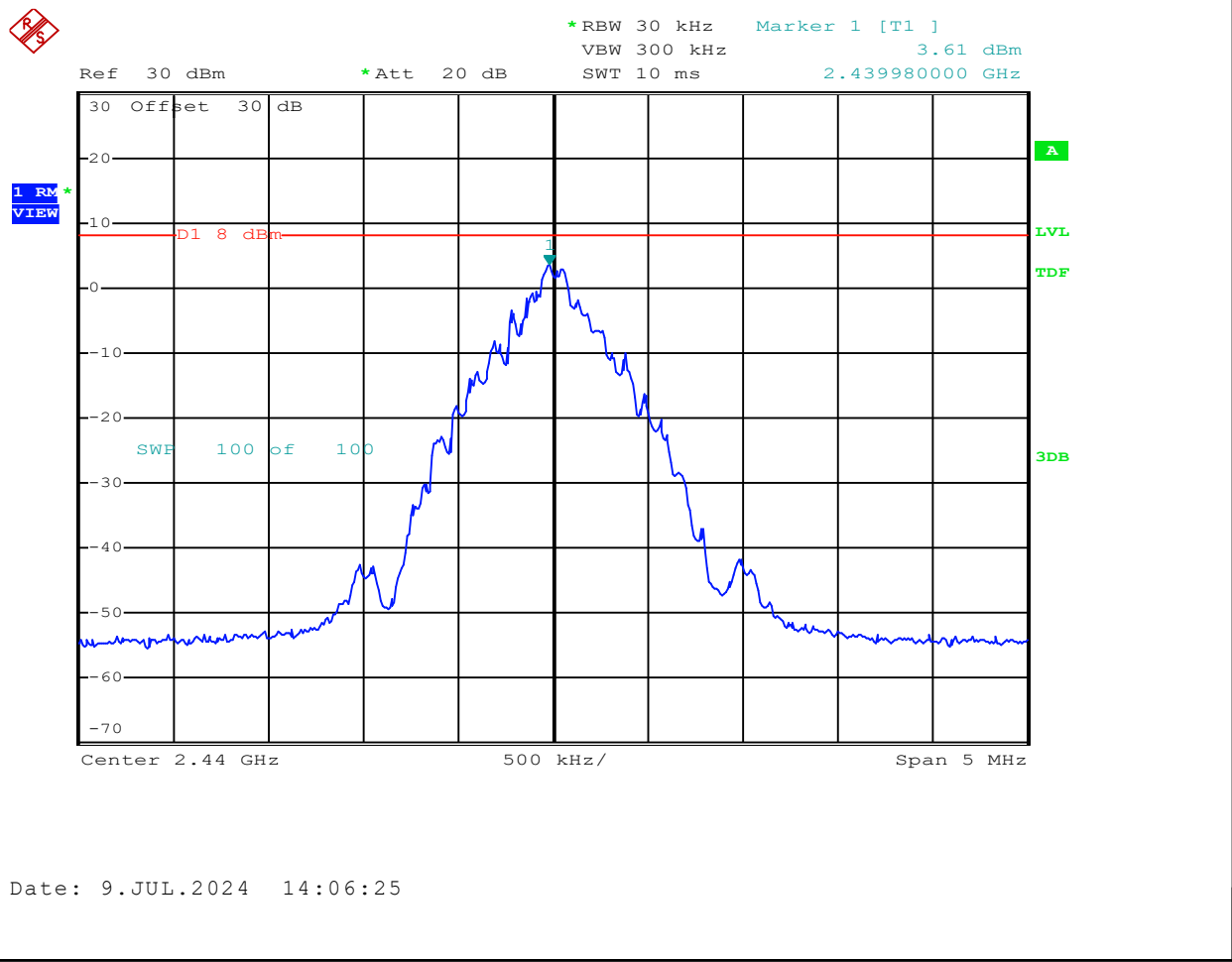
Modulation: GFSK

Measured PSD: -10.37 dBm

| PSD Results:          |                                       |         |            |                                                               |                                                           |                        |
|-----------------------|---------------------------------------|---------|------------|---------------------------------------------------------------|-----------------------------------------------------------|------------------------|
| Channel<br><br>Number | Channel<br><br>Frequency<br><br>(MHz) | Mode    | Modulation | Measured<br><br>PSD<br><br>[P <sub>Meas.</sub> ]<br><br>(dBm) | PSD<br><br>Limit<br><br>[P <sub>Lim.</sub> ]<br><br>(dBm) | Margin<br><br><br>(dB) |
| 38                    | 2440.0                                | BT BR   | GFSK       | 3.61                                                          | 8.00                                                      | 4.39                   |
|                       |                                       | BT 2EDR | Pi/4-DQPSK | 2.14                                                          |                                                           | 5.86                   |
|                       |                                       | BT 3EDR | 8-DPSK     | 1.83                                                          |                                                           | 6.17                   |
|                       |                                       |         |            |                                                               | Result:                                                   | Complies               |

Margin = [P<sub>Lim</sub>] - [P<sub>Meas</sub>]

## Power Spectral Density



Date: 9.JUL.2024 14:06:25

Channel: 38

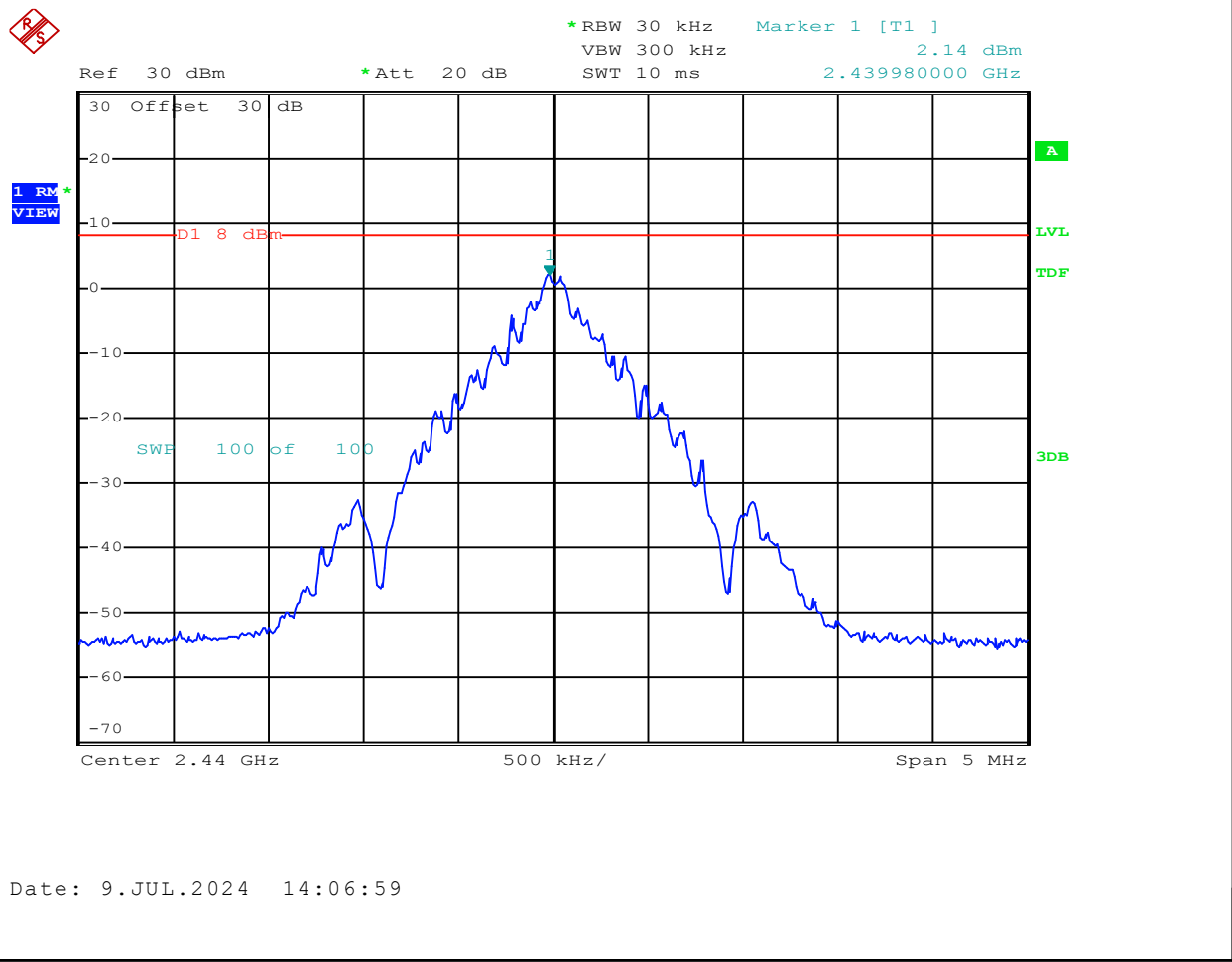
Mode: BT BR

Channel Frequency: 2440 MHz

|             |      |
|-------------|------|
| Modulation: | GFSK |
|-------------|------|

Measured PSD: 3.61 dBm

## Power Spectral Density



Date: 9.JUL.2024 14:06:59

Channel: 38

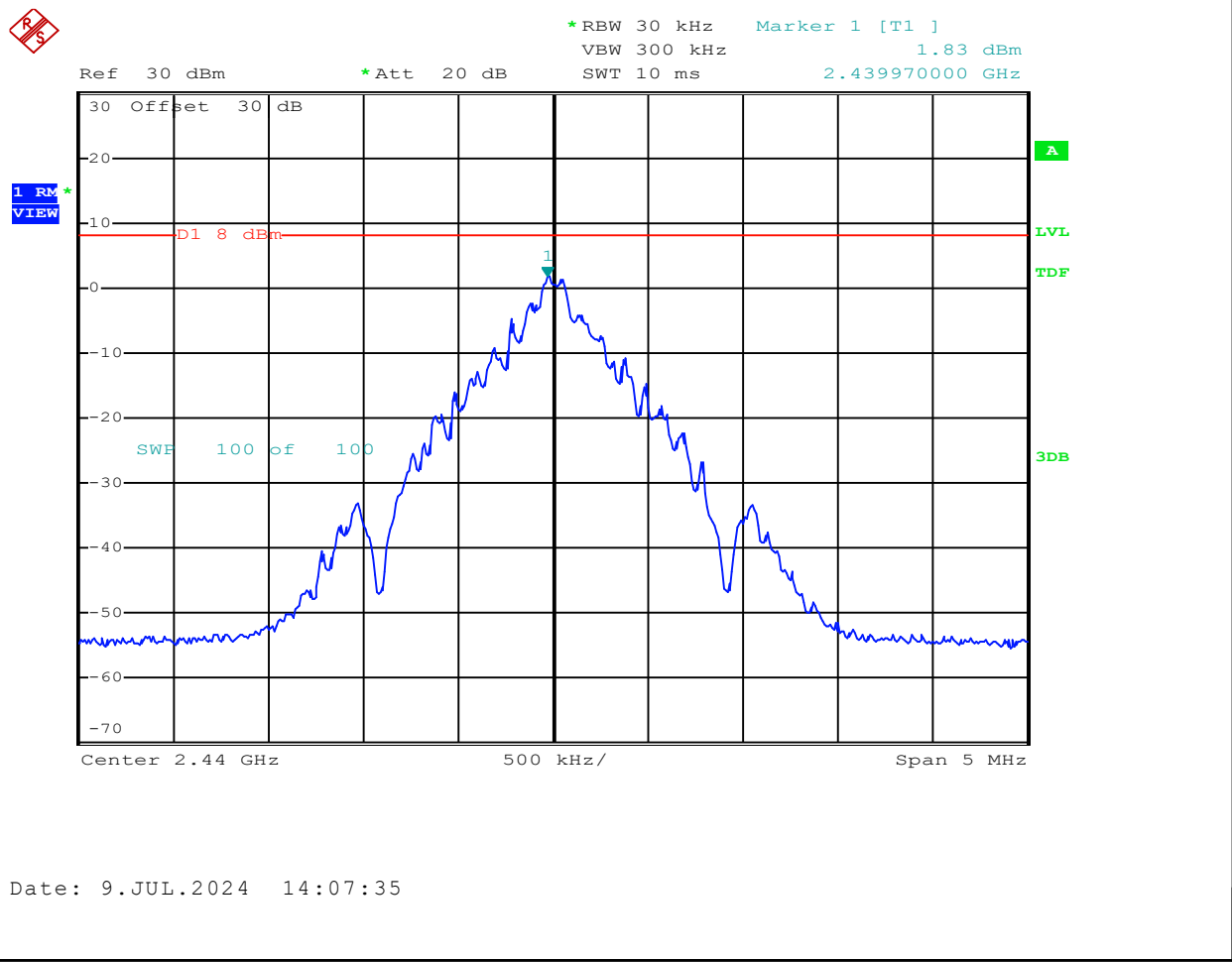
Mode: BT 2EDR

Channel Frequency: 2440 MHz

Modulation: **Pi/4-DQPSK**

Measured PSD: 2.14 dBm

## Power Spectral Density



Date: 9.JUL.2024 14:07:35

Channel: 38

Mode: BT 3EDR

Channel Frequency: 2440 MHz

Modulation: 8-DPSK

Measured PSD: 1.83 dBm