PSD Results:

Channel Number	Channel Frequency (MHz)	Mode	Modulation	Measured PSD [P_{Meas}] (dBm)	PSD Limit [P_{Lim}] (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_{Lim}] - [P_{Meas}]

Power Spectral Density

RBW 30 kHz   Marker 1 [T1]
VBW 300 kHz   −5.45 dBm
Ref 30 dBm   *Att 0 dB   SWT 25 ms   2.436480000 GHz

30 Offset 30 dB

1 RM *
VIEW

A

LVL

TDF

SWP 100 of 100

3DB

Center 2.437 GHz   2 MHz/   Span 20 MHz
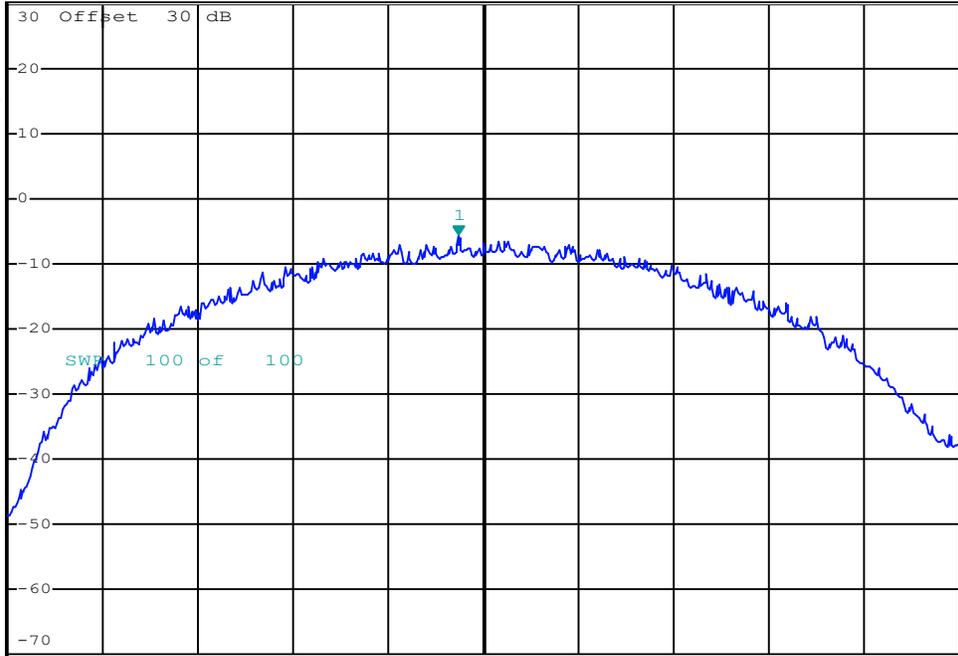
Date: 8.JUL.2024   12:40:38

Channel:	6
Mode:	802.11b

Channel Frequency:	2437	MHz
Modulation:	DSSS 5.5	
Measured PSD:	-5.45	dBm

Power Spectral Density
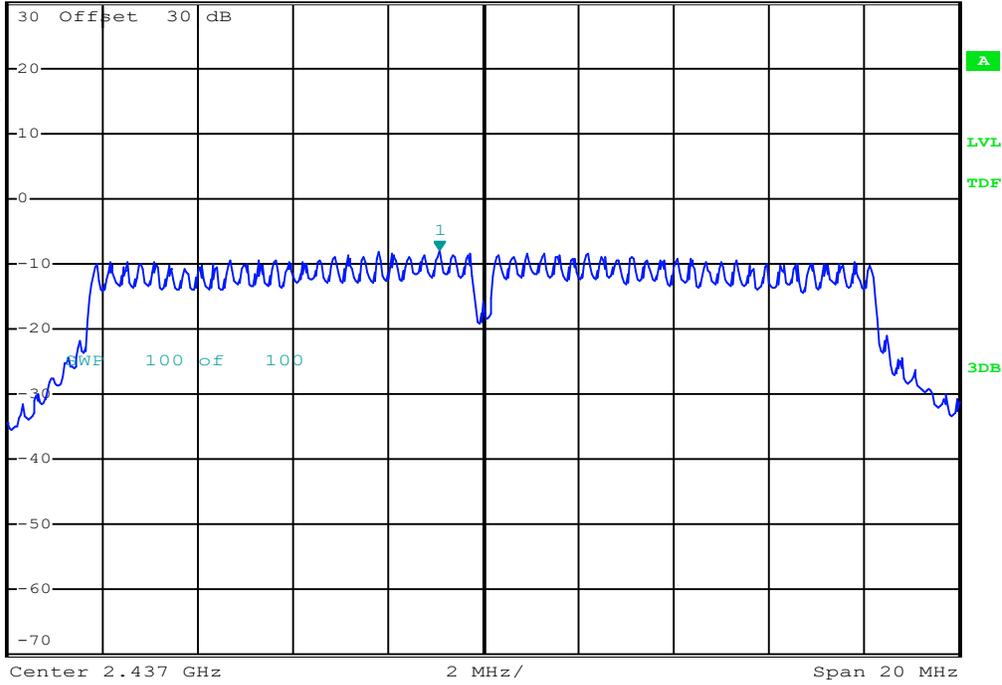
Date: 8.JUL.2024 12:41:16

Channel:	6		Channel Frequency:	2437	MHz
Mode:	802.11g		Modulation:	OFDM12	
			Measured PSD:	-7.98	dBm

Power Spectral Density
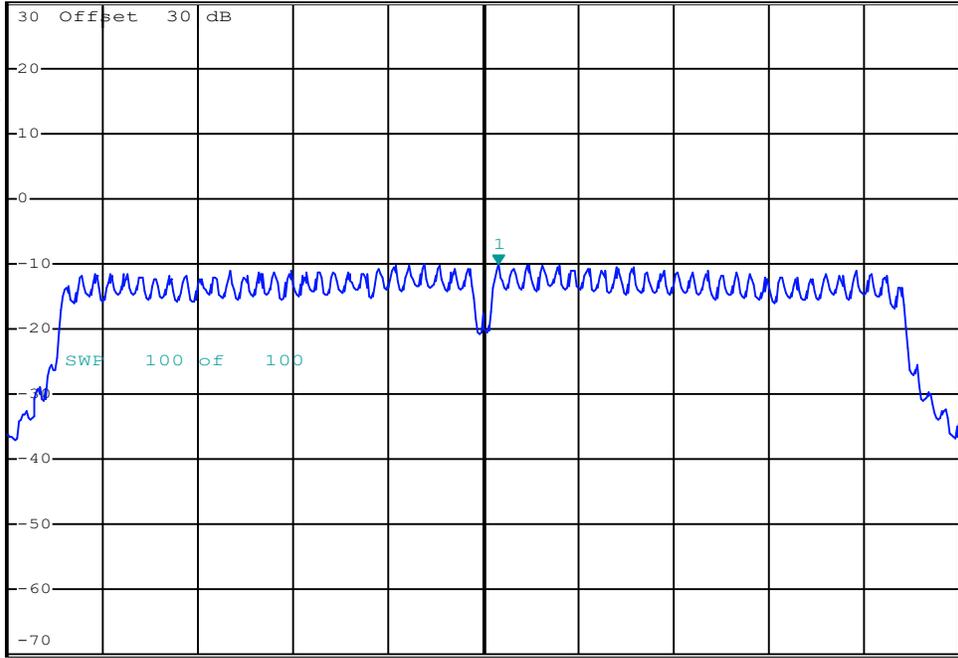
Channel:	**6**	Channel Frequency:	**2437**	MHz
Mode:	**802.11n**	Modulation:	**MCS0**	
		Measured PSD:	**-10**	dBm

Power Spectral Density

Ref 30 dBm   *Att 20 dB   RBW 30 kHz   Marker 1 [T1]
                            VBW 300 kHz   -11.06 dBm
                            SWT 2.5 ms   2.440000000 GHz

30 Offset 30 dB

A

1 RM *
VIEW

D1 8 dBm   LVL
                  TDF

SWT 100 of 100

3DB

Center 2.44 GHz   150 kHz/   Span 1.5 MHz
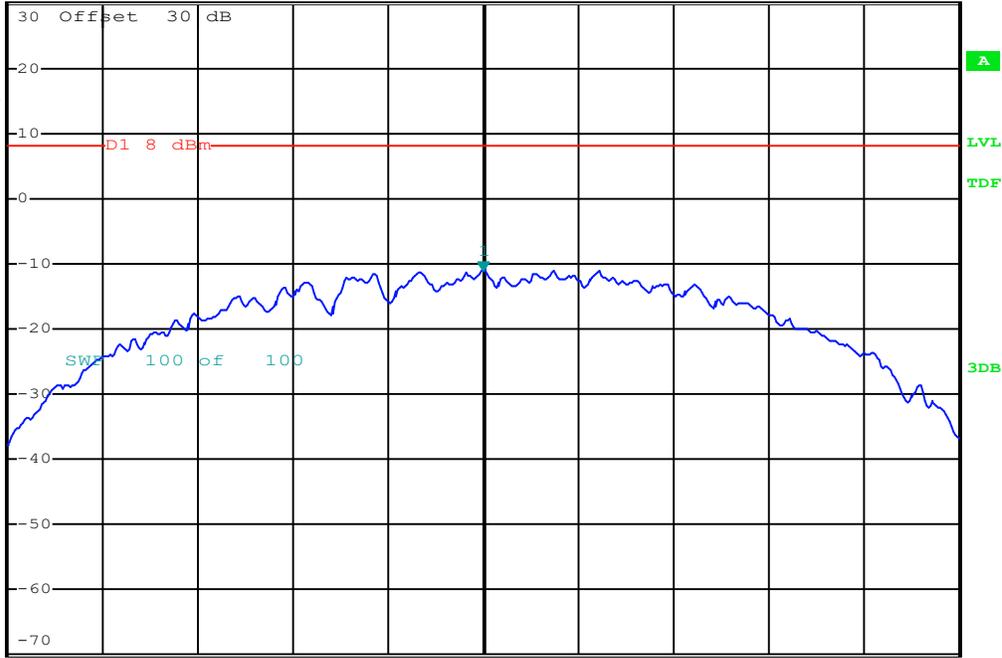
Date: 9.JUL.2024 14:04:14

Channel:	17		Channel Frequency:	2440	MHz
Mode:	BLE 1mb		Modulation:	GMSK	
			Measured PSD:	-11.06	dBm

Power Spectral Density

```
                                        * RBW  30 kHz     Marker 1 [T1 ]
                                          VBW 300 kHz             -12.91 dBm
      Ref  30 dBm          * Att  20 dB   SWT 10 ms        2.440130000 GHz
```
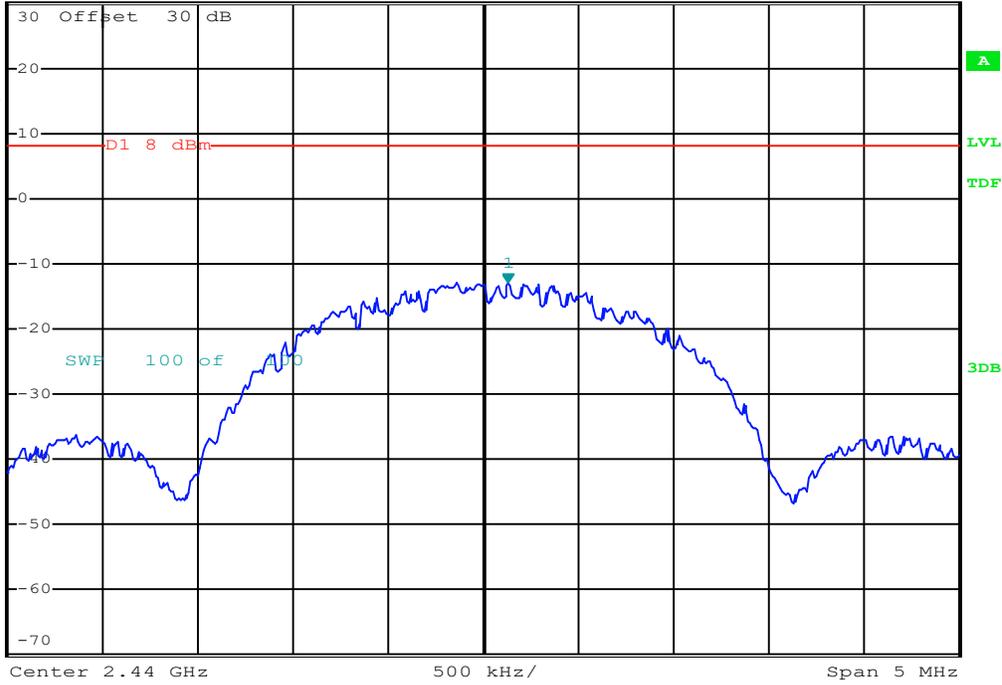


```
Date: 9.JUL.2024  14:04:56
```

Channel:	17		Channel Frequency:	2440	MHz
Mode:	BLE 2mb		Modulation:	GMSK	
			Measured PSD:	-12.91	dBm

Power Spectral Density


```
                                    *RBW  30 kHz    Marker 1 [T1 ]
                                     VBW  300 kHz            -10.37 dBm
     Ref  30 dBm           *Att  20 dB    SWT  10 ms      2.439990000 GHz

      30  Offset  30  dB                                              A
     -20
 1 RM*
 VIEW
     -10   D1 8 dBm                                                  LVL
                                                                    TDF
       0
     -10                              1
                                                                    3DB
     -20
          SWP    100  of   100
     -30
     -40
     -50
     -60
     -70
     Center 2.44 GHz           500 kHz/              Span 5 MHz
```
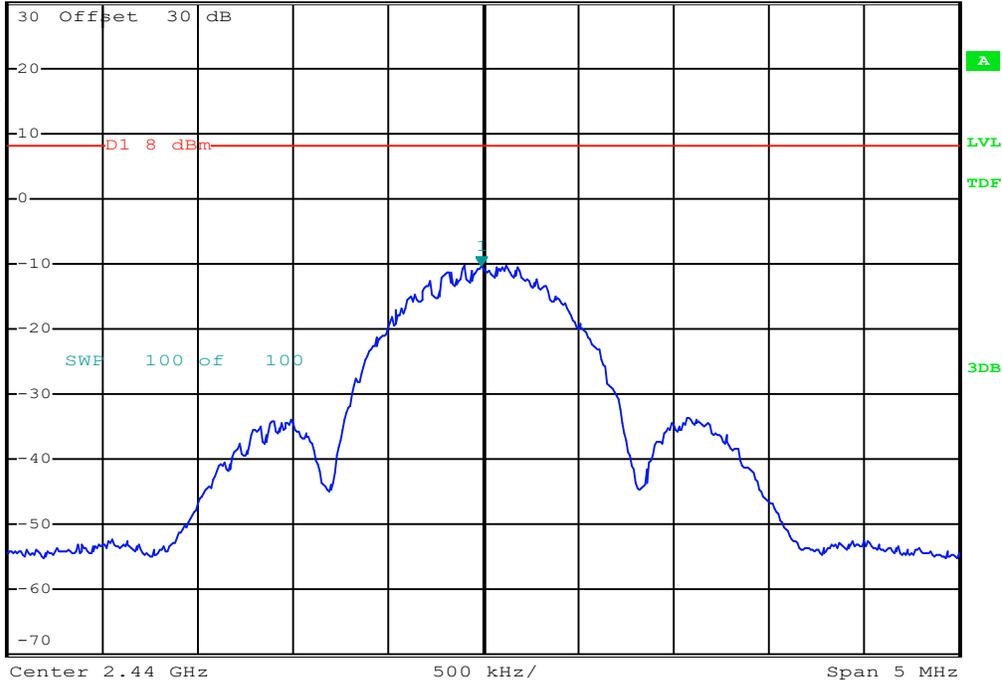
Date: 9.JUL.2024   14:05:39

Channel:	38		Channel Frequency:	2440	MHz
Mode:	ANT		Modulation:	GFSK	
			Measured PSD:	-10.37	dBm

PSD Results:

Channel Number	Channel Frequency (MHz)	Mode	Modulation	Measured PSD [P_Meas] (dBm)	PSD Limit [P_Lim] (dBm)	Margin (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_{Lim}] - [P_{Meas}]

Power Spectral Density

Ref 30 dBm   *Att 20 dB   *RBW 30 kHz   Marker 1 [T1]
                            VBW 300 kHz   3.61 dBm
                            SWT 10 ms   2.439980000 GHz

30 Offset 30 dB

1 RM *
VIEW

D1 8 dBm

SWP 100 of 100

Center 2.44 GHz   500 kHz/   Span 5 MHz

A
LVL
TDF
3DB
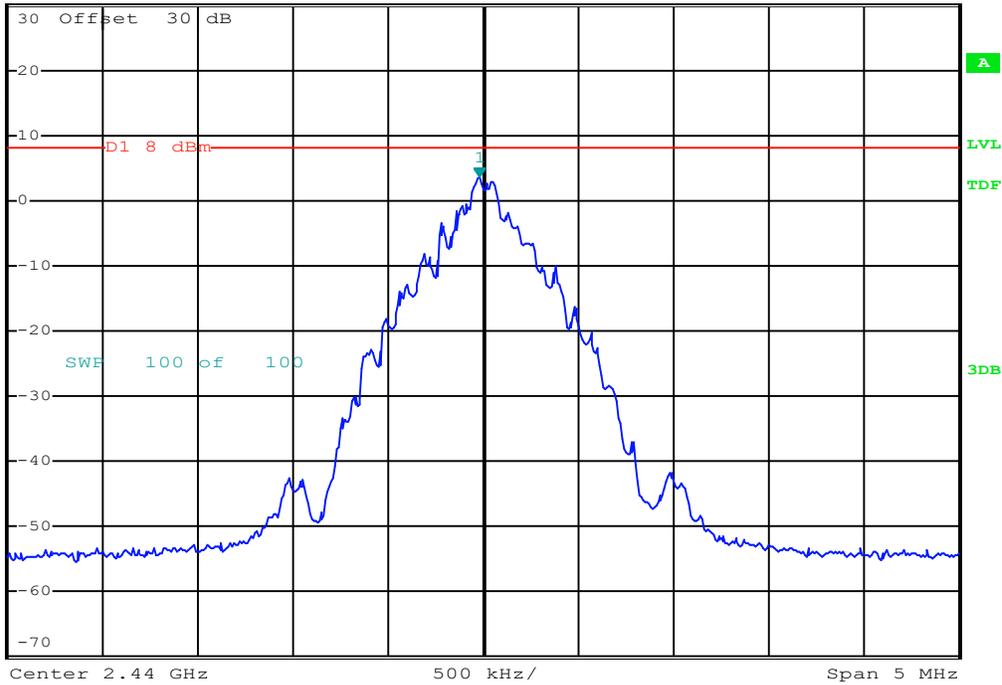
Date: 9.JUL.2024 14:06:25

Channel:	38	Channel Frequency:	2440	MHz
Mode:	BT BR	Modulation:	GFSK	
		Measured PSD:	3.61	dBm

Power Spectral Density

R&S

*RBW 30 kHz   Marker 1 [T1]
VBW 300 kHz   2.14 dBm
Ref 30 dBm   *Att 20 dB   SWT 10 ms   2.439980000 GHz

A

1 RM *
VIEW

30 Offset 30 dB

-20

-10   LVL
D1 8 dBm
-0   TDF
                              1

-10

-20
SWP   100 of   100

-30

-40   3DB

-50

-60

-70

Center 2.44 GHz   500 kHz/   Span 5 MHz
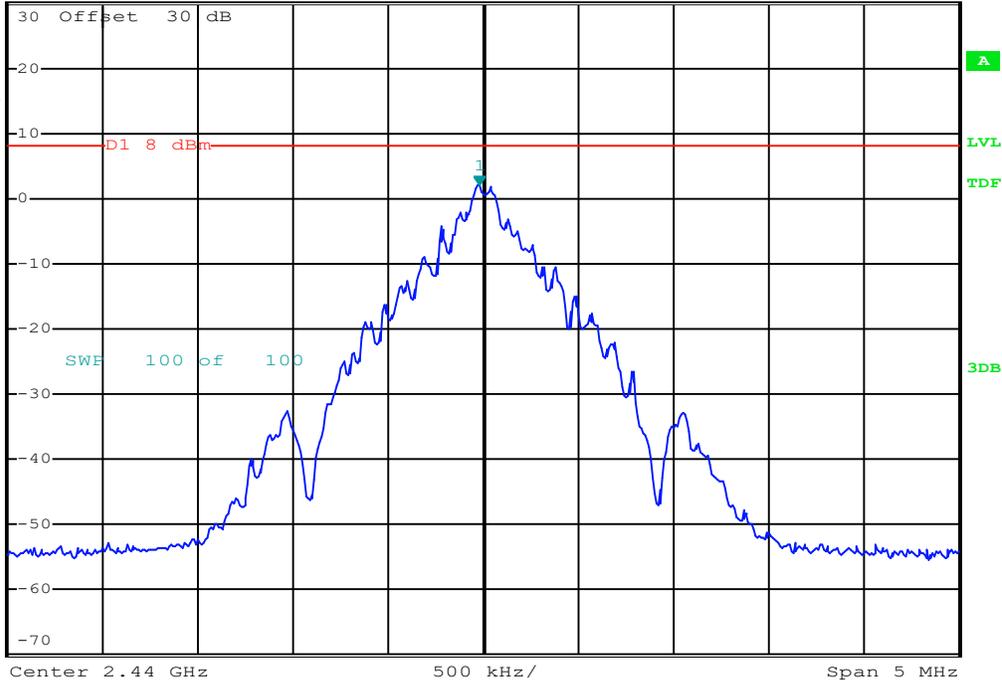
Date: 9.JUL.2024 14:06:59

Channel:	38		Channel Frequency:	2440	MHz
Mode:	BT 2EDR		Modulation:	Pi/4-DQPSK	
			Measured PSD:	2.14	dBm

Power Spectral Density

* RBW 30 kHz	Marker 1 [T1]	
VBW 300 kHz	1.83 dBm	
Ref 30 dBm * Att 20 dB	SWT 10 ms	2.439970000 GHz

Plot annotations:
- 30 Offset 30 dB
- A
- 1 RM * VIEW
- D1 8 dBm
- LVL
- TDF
- SWP 100 of 100
- 3DB
- Center 2.44 GHz   500 kHz/   Span 5 MHz
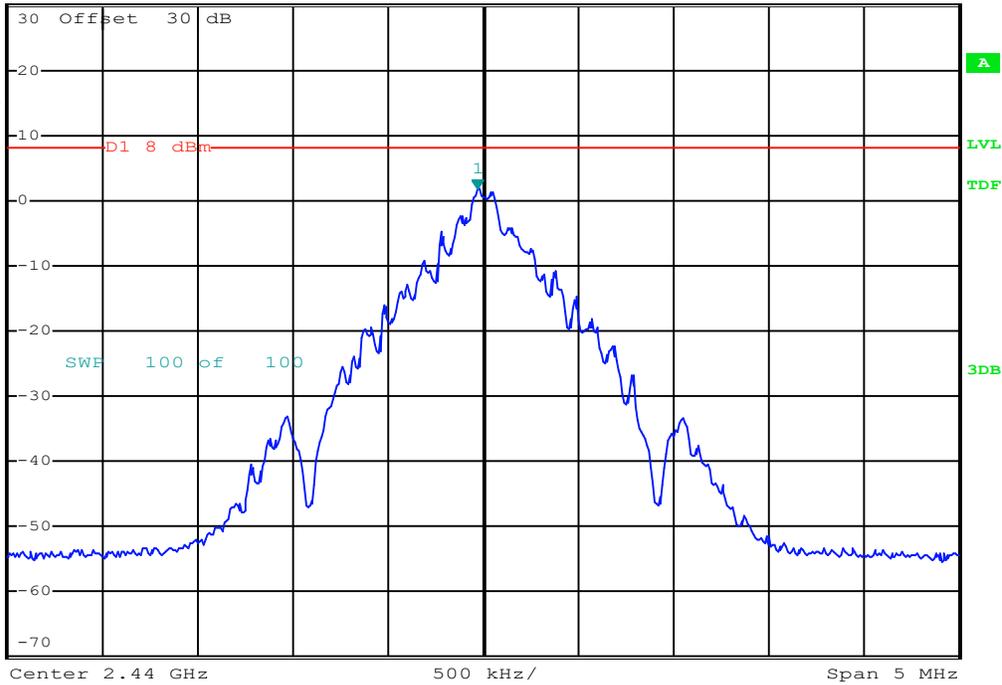
Date: 9.JUL.2024 14:07:35

Channel:	38	**Channel Frequency:**	2440	MHz
Mode:	BT 3EDR	**Modulation:**	8-DPSK	
		Measured PSD:	1.83	dBm