

Conducted Power Measurement Results: DTS

Channel Number	Channel Frequency (MHz)	Mode	Modulation	Rated Power (EIRP)	Measured Power [P _{Meas}] (dBm)	Limit [P _{Lim}] (dBm)	Conducted Margin (dB)	Antenna Gain [G] (dBi)	EIRP [E _{Meas}] (dBm)	EIRP Limit [E _{Lim}] (dBm)	EIRP Margin (dB)
6	2437.00	802.11b	CCK 1	11.5	16.170	30	13.8	-5	11.2	36	24.8
			CCK 2		16.310		13.7		11.3		24.7
			DSSS 5.5		16.300		13.7		11.3		24.7
			DSSS 11		16.050		14.0		11.1		25.0
1	2412.00		CCK2		15.630		14.4		10.6		25.4
11	2462.00				16.220		13.8		11.2		24.8
13	2472.00				14.940		15.1		9.9		26.1
6	2437.00				OFDM6		11.5		15.830		14.2
		OFDM9	15.920	14.1	10.9				25.1		
		OFDM12	16.130	13.9	11.1				24.9		
		OFDM12	15.450	14.6	10.5				25.6		
			15.900	14.1	10.9				25.1		
			12.630	17.4	7.6				28.4		
6	2437.00		MCS0	11.0	15.670		14.3		10.7		25.3
		MCS3	14.850		15.2		9.9		26.2		
		MCS7	10.940		19.1		5.9		30.1		
		MCS0	15.020		15.0		10.0		26.0		
15.570	14.4		10.6		25.4						
12.560	17.4		7.6		28.4						
Result:											Complies

Conducted Margin = Conducted Limit [P_{Lim}] - Measure Power [P_{Meas}]

EIRP [E_{Meas}] = Measure Power [P_{Meas}] + Antenna Gain [G]

EIRP Margin = EIRP Limit [E_{Lim}] - EIPR [E_{Meas}]

Conducted Power Measurement Results: DTS

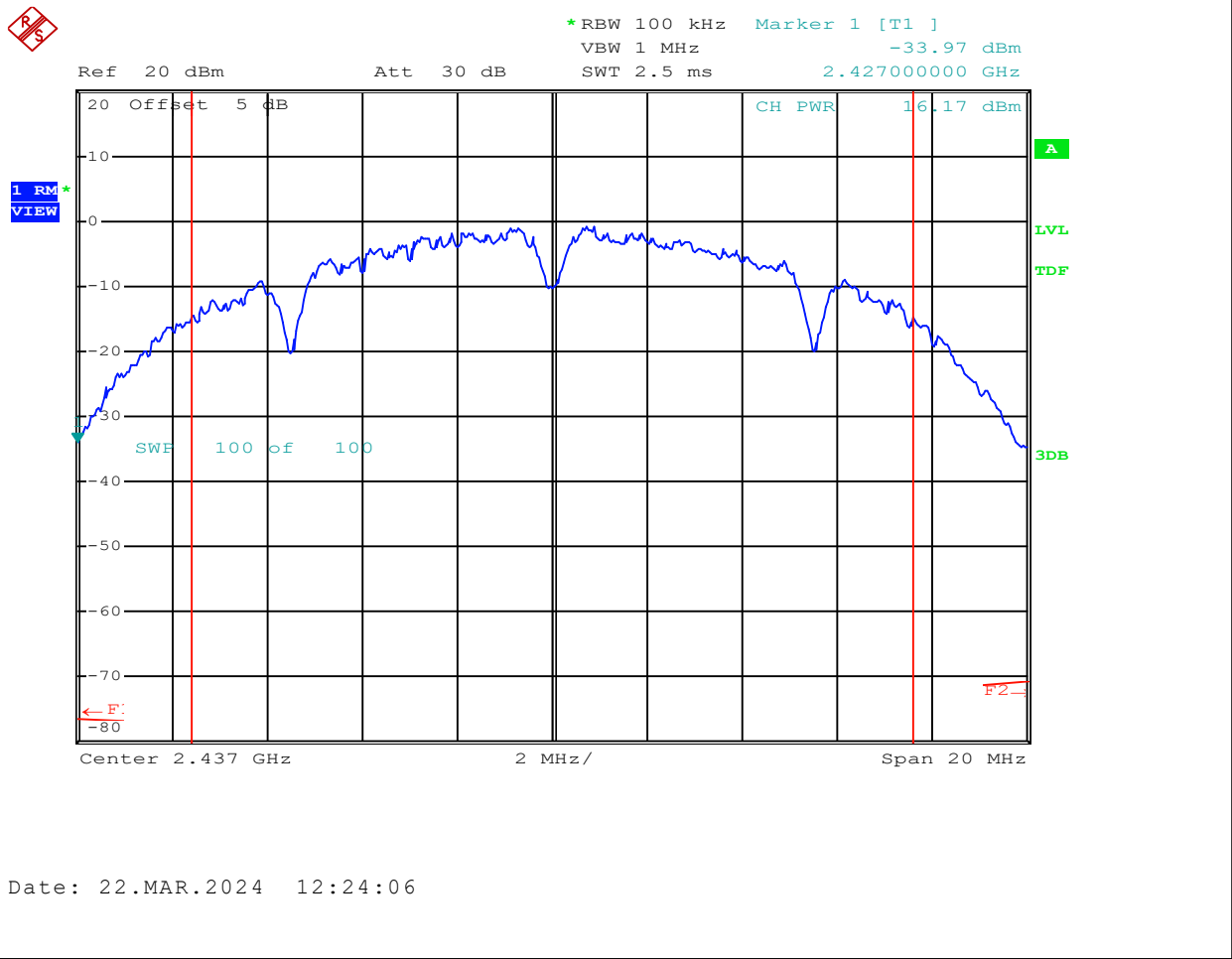
Channel Number	Channel Frequency (MHz)	Mode	Modulation	Rated Power (EIRP)	Measured Power [P _{Meas}] (dBm)	Limit [P _{Lim}] (dBm)	Conducted Margin (dB)	Antenna Gain [G] (dBi)	EIRP [E _{Meas}] (dBm)	EIRP Limit [E _{Lim}] (dBm)	EIRP Margin (dB)
37	2402.00	BLE 1mb	GMSK	-1.5	-0.670	30	30.7	-5	-5.7	36	41.7
17	2440.00				2.990		27.0		-2.0		38.0
39	2480.00				-0.120		30.1		-5.1		41.1
1	2404.00	BLE 2mb	GMSK	-1.5	2.650		27.4		-2.4		38.4
17	2440.00				3.160		26.8		-1.8		37.8
36	2478.00				-3.630		33.6		-8.6		44.6
2	2402.00	ANT	GFSK	-1.5	-0.490		30.5		-5.5		41.5
40	2440.00				3.180		26.8		-1.8		37.8
80	2480.00				0.000		30.0		-5.0		41.0
Result:											Complies

Conducted Margin = Conducted Limit [P_{Limit}] - Measure Power [P_{Meas}]

EIRP [E_{Meas}] = Measure Power [P_{Meas}] + Antenna Gain [G]

EIRP Margin = EIRP Limit [E_{Lim}] - EIPR [E_{Meas}]

Conducted Power:



Date: 22.MAR.2024 12:24:06

Channel: 6

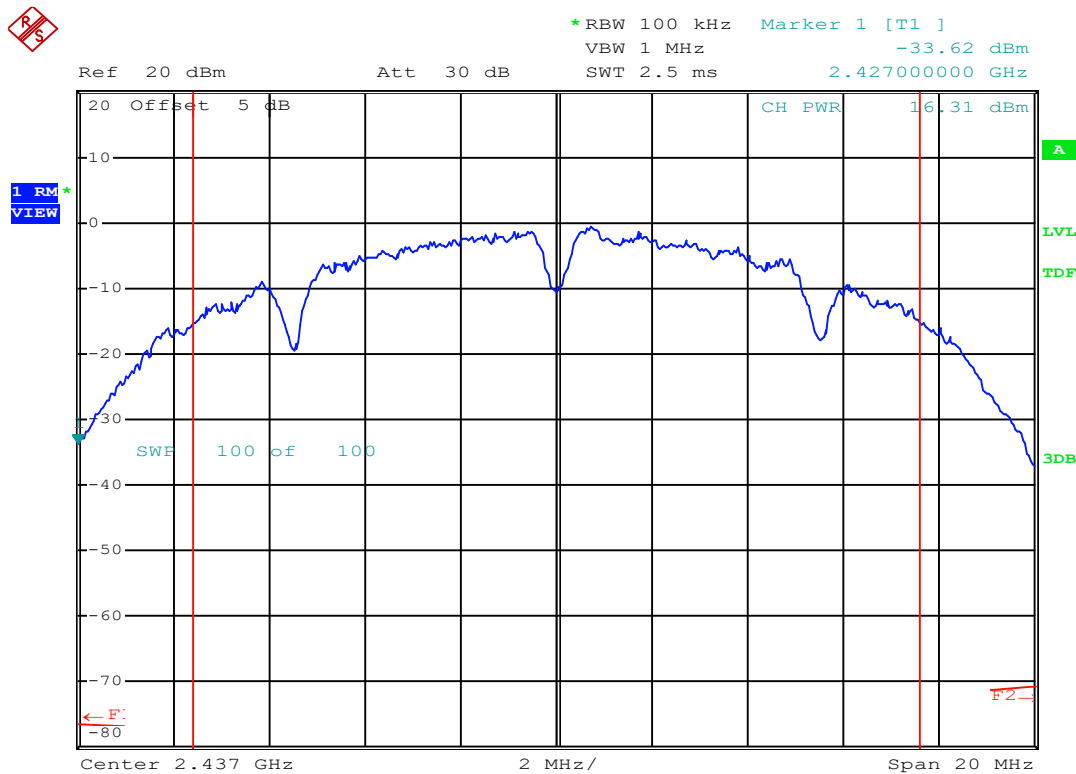
Mode: 802.11b

Channel Frequency: 2437 MHz

Modulation: CCK 1

Measured Channel Power: 16.17 dBm

Conducted Power:



Date: 22.MAR.2024 12:24:56

Channel: 6

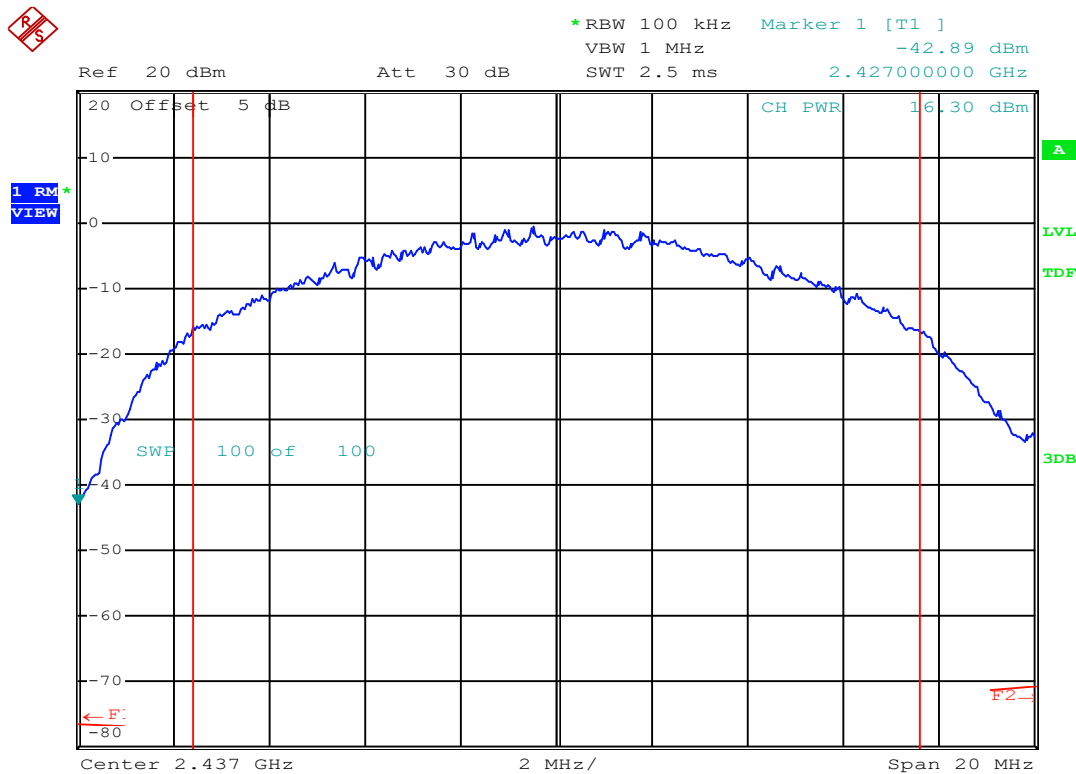
Mode: 802.11b

Channel Frequency: 2437 MHz

Modulation: CCK 2

Measured Channel Power: 16.31 dBm

Conducted Power:



Date: 22.MAR.2024 12:29:11

Channel: 6

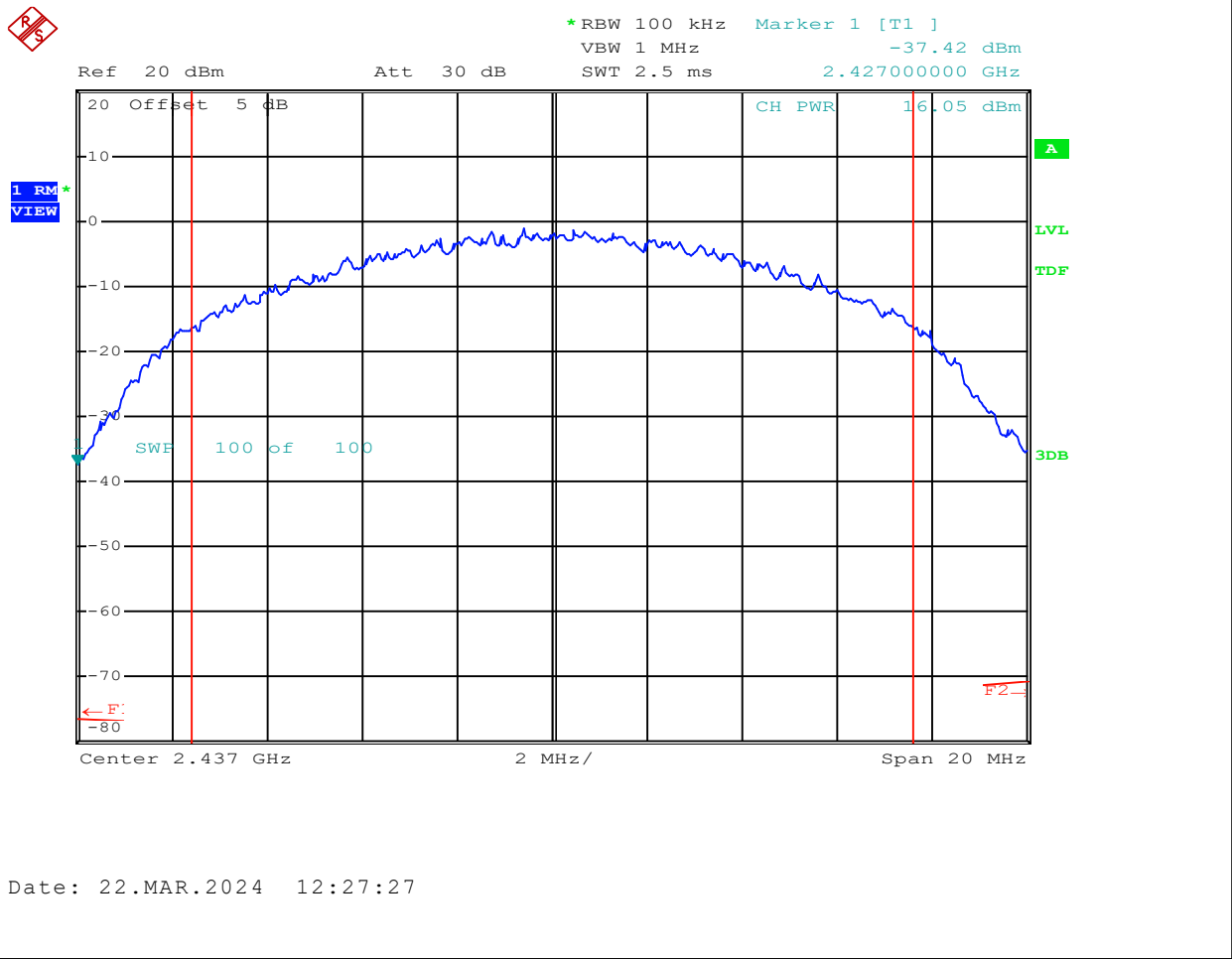
Mode: 802.11b

Channel Frequency: 2437 MHz

Modulation: **DSSS 5.5**

Measured Channel Power: 16.3 dBm

Conducted Power:



Date: 22.MAR.2024 12:27:27

6

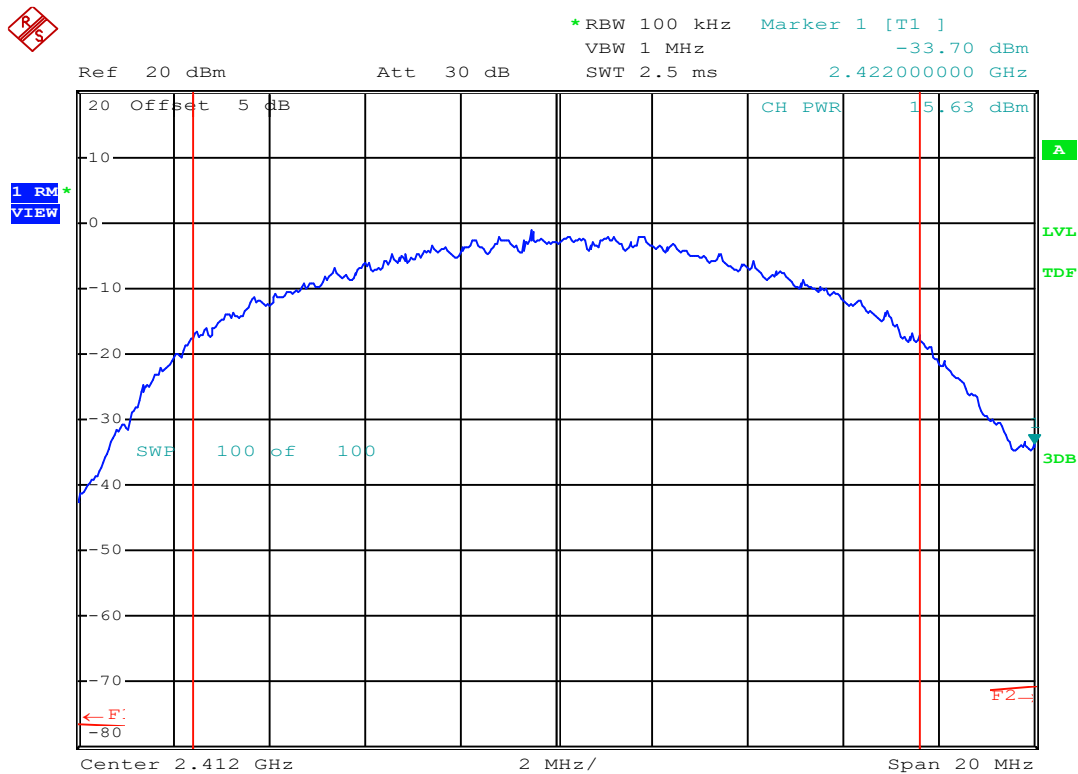
2437

802.11b

DSSS 11

16.05

Conducted Power:



Date: 21.MAR.2024 13:28:37

Channel: 1

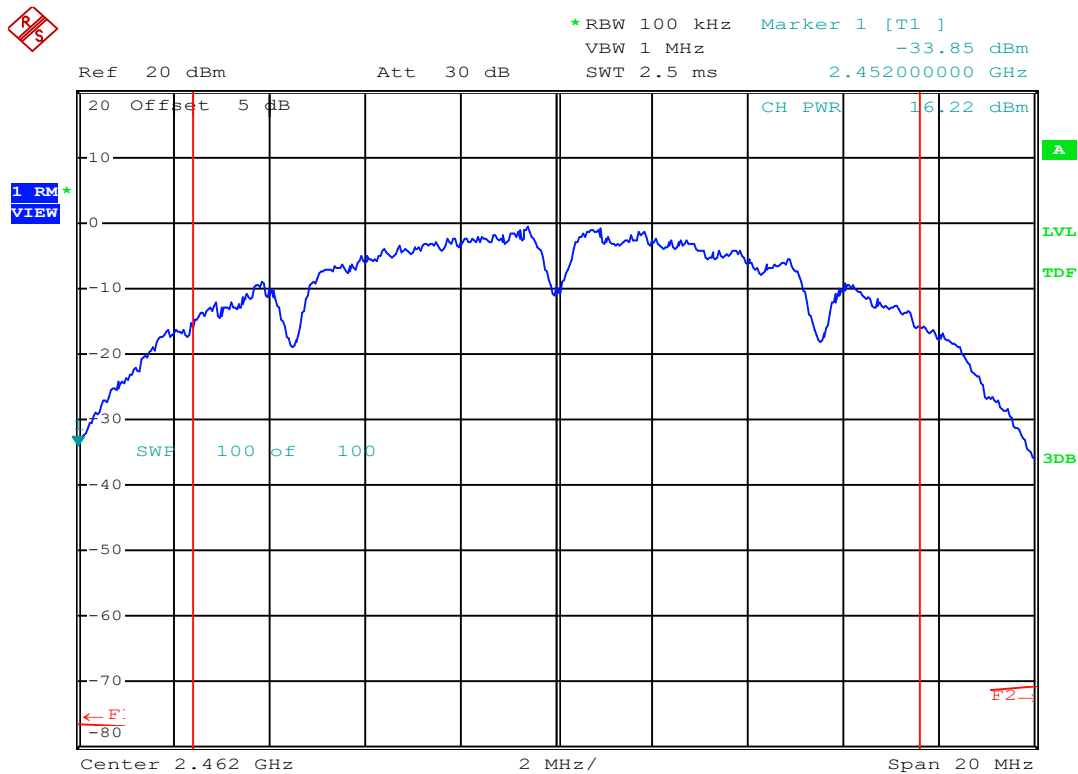
Mode: 802.11b

Channel Frequency: **2412** MHz

Modulation: CCK2

Measured Channel Power: 15.63 dBm

Conducted Power:



Date: 22.MAR.2024 15:43:08

Channel: 11

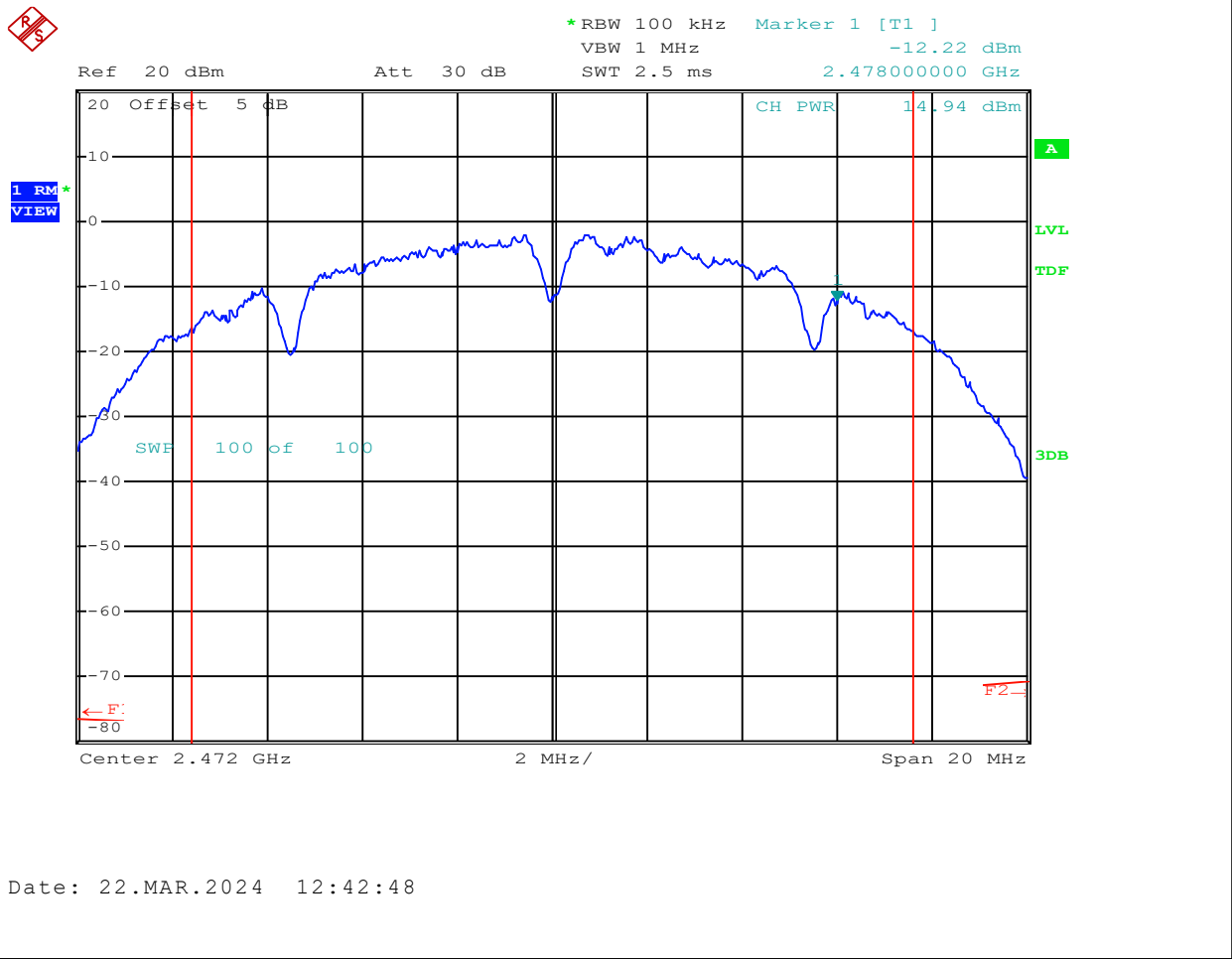
Mode: 802.11b

Channel Frequency: **2462** MHz

Modulation: CCK2

Measured Channel Power: 16.22 dBm

Conducted Power:



Date: 22.MAR.2024 12:42:48

Channel: 13

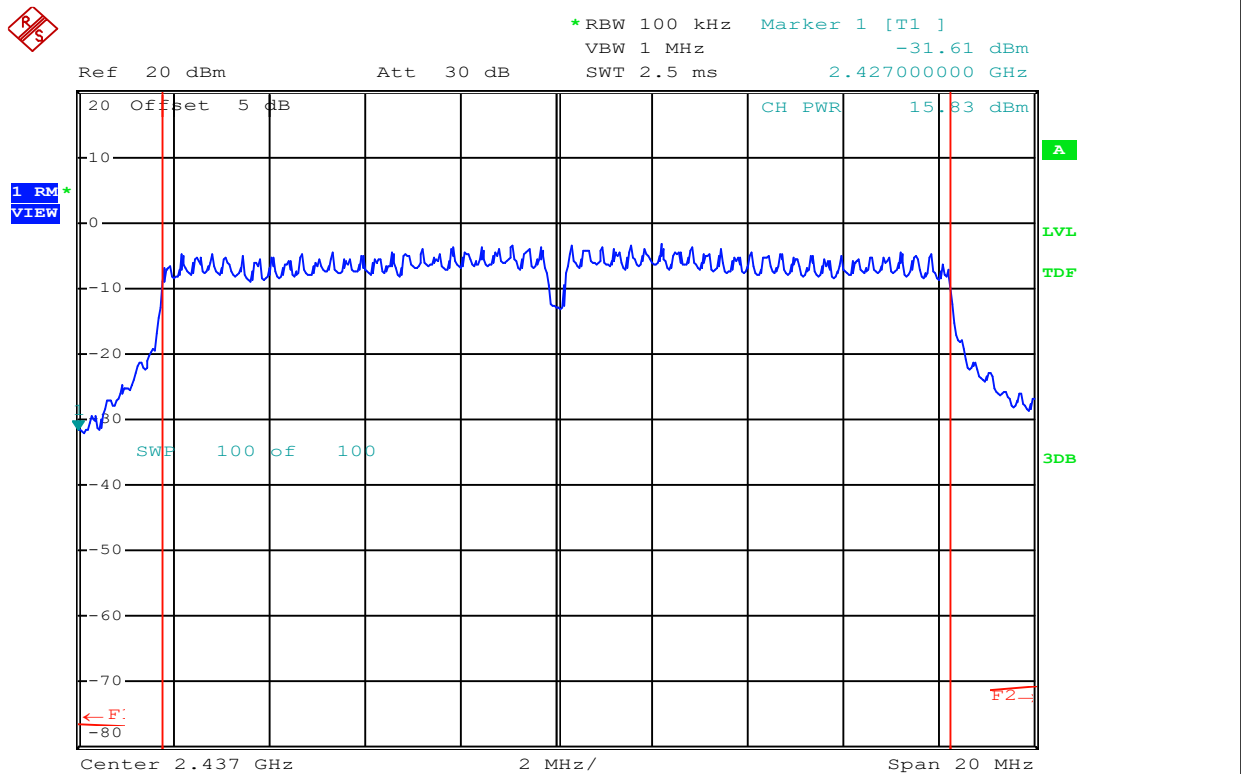
Mode:	802.11b
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Channel Frequency: 2472 MHz

Modulation: CCK2

Measured Channel Power: 14.94 dBm

Conducted Power:



Date: 25.MAR.2024 14:06:36

Channel: 6

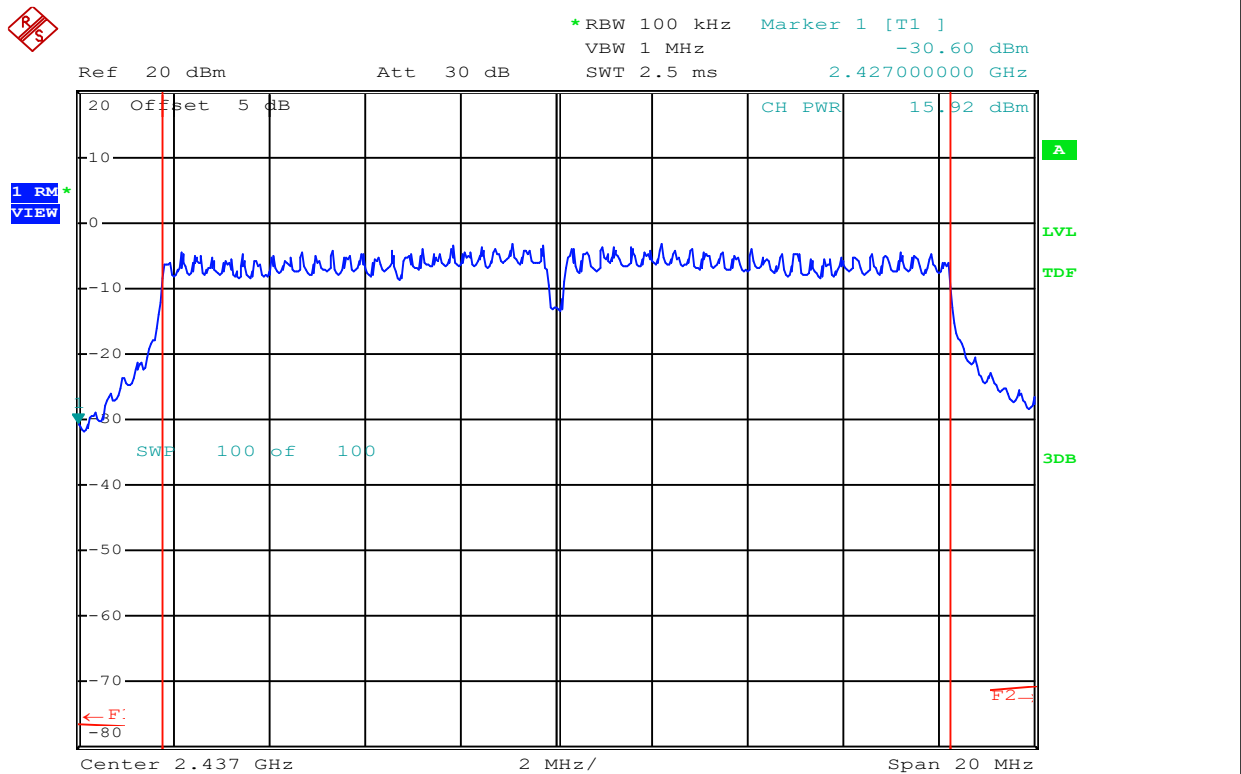
Mode: 802.11g

Channel Frequency: 2437 MHz

Modulation: OFDM6

Measured Channel Power: 15.83 dBm

Conducted Power:



Date: 25.MAR.2024 14:01:48

Channel: 6

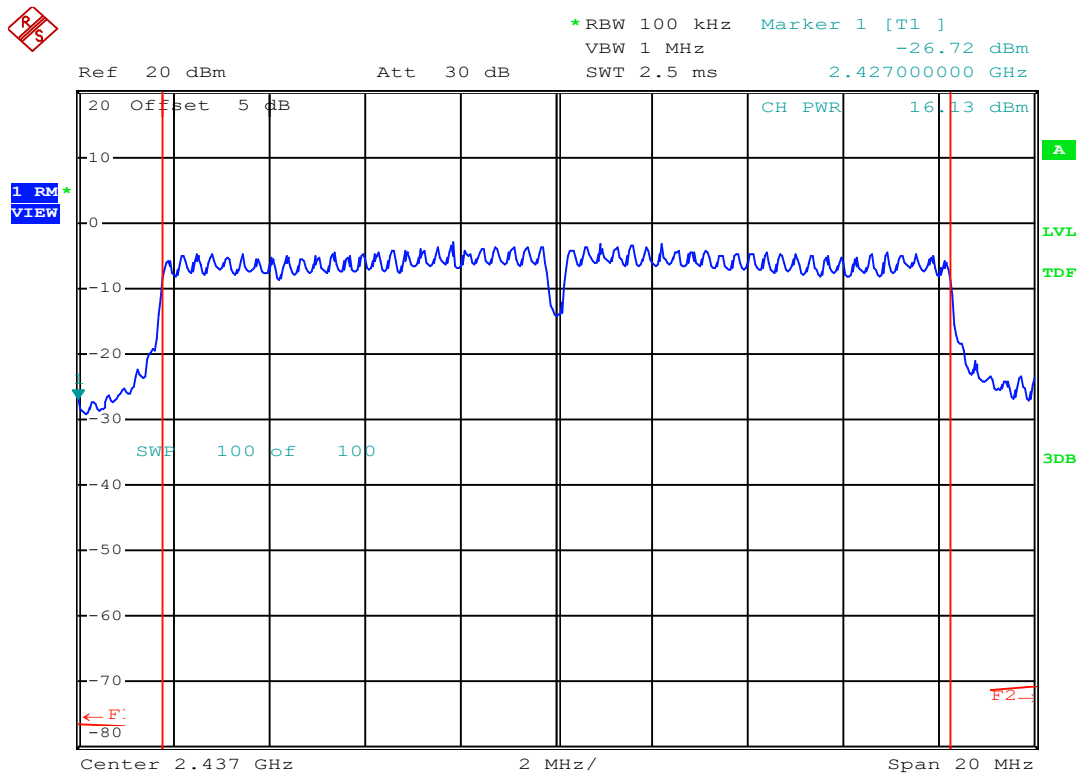
Mode: 802.11g

Channel Frequency: 2437 MHz

Modulation: OFDM9

Measured Channel Power: **15.92** dBm

Conducted Power:



Date: 25.MAR.2024 14:03:03

Channel: 6

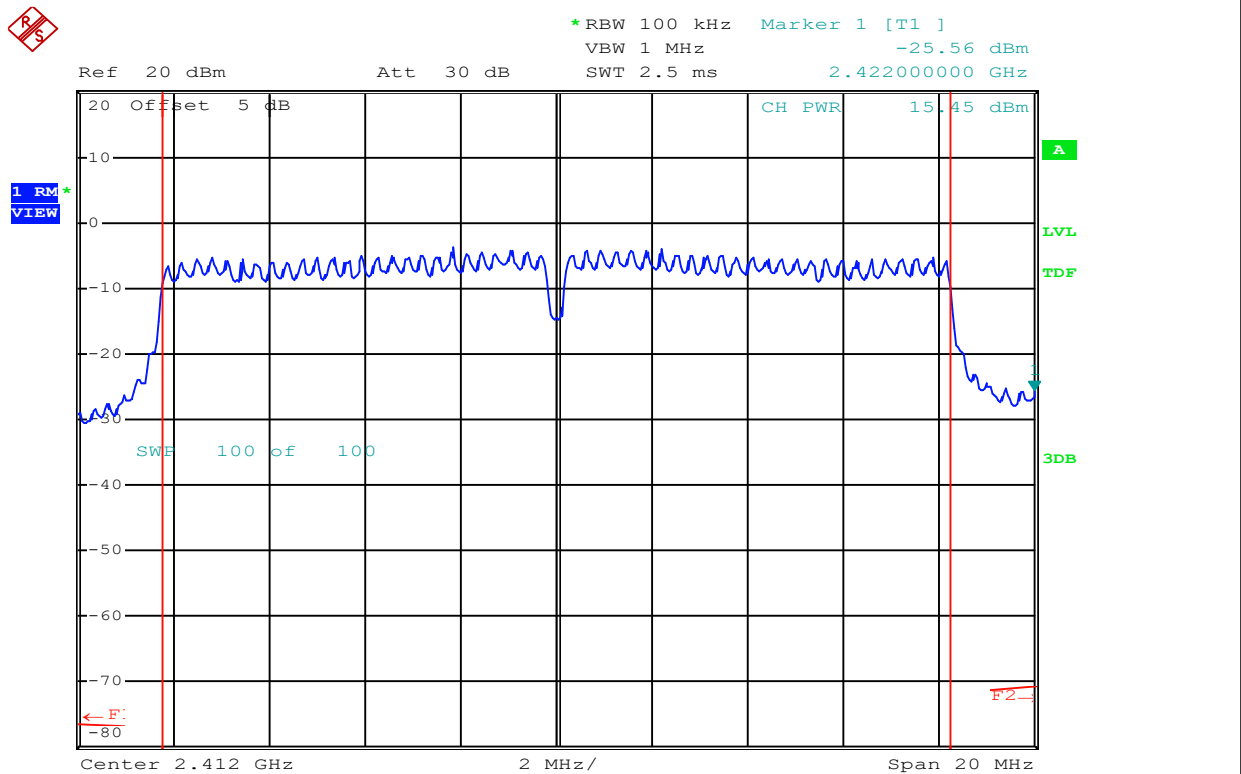
Mode: 802.11g

Channel Frequency: 2437 MHz

Modulation: OFDM12

Measured Channel Power: 16.13 dBm

Conducted Power:



Date: 25.MAR.2024 15:07:11

Channel: 1

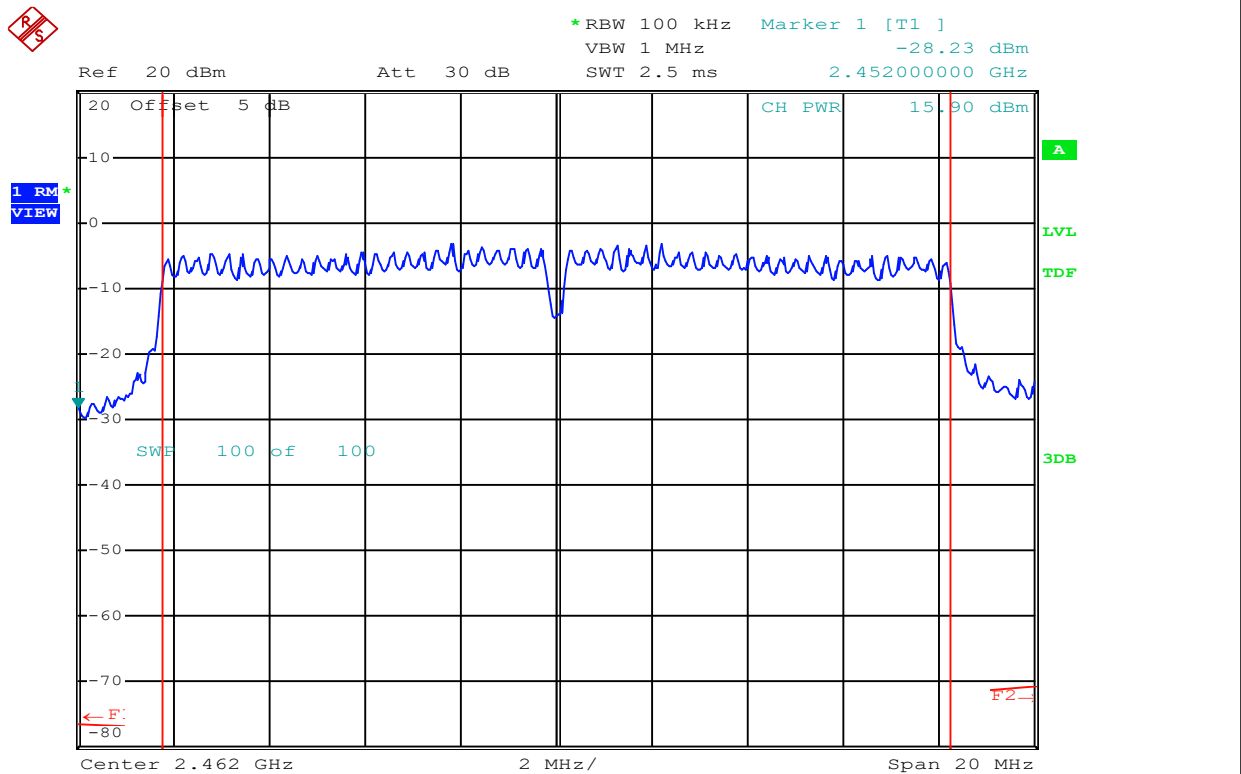
Mode: 802.11g

Channel Frequency: **2412** MHz

Modulation: OFDM12

Measured Channel Power: 15.45 dBm

Conducted Power:



Date: 25.MAR.2024 15:08:05

Channel: 11

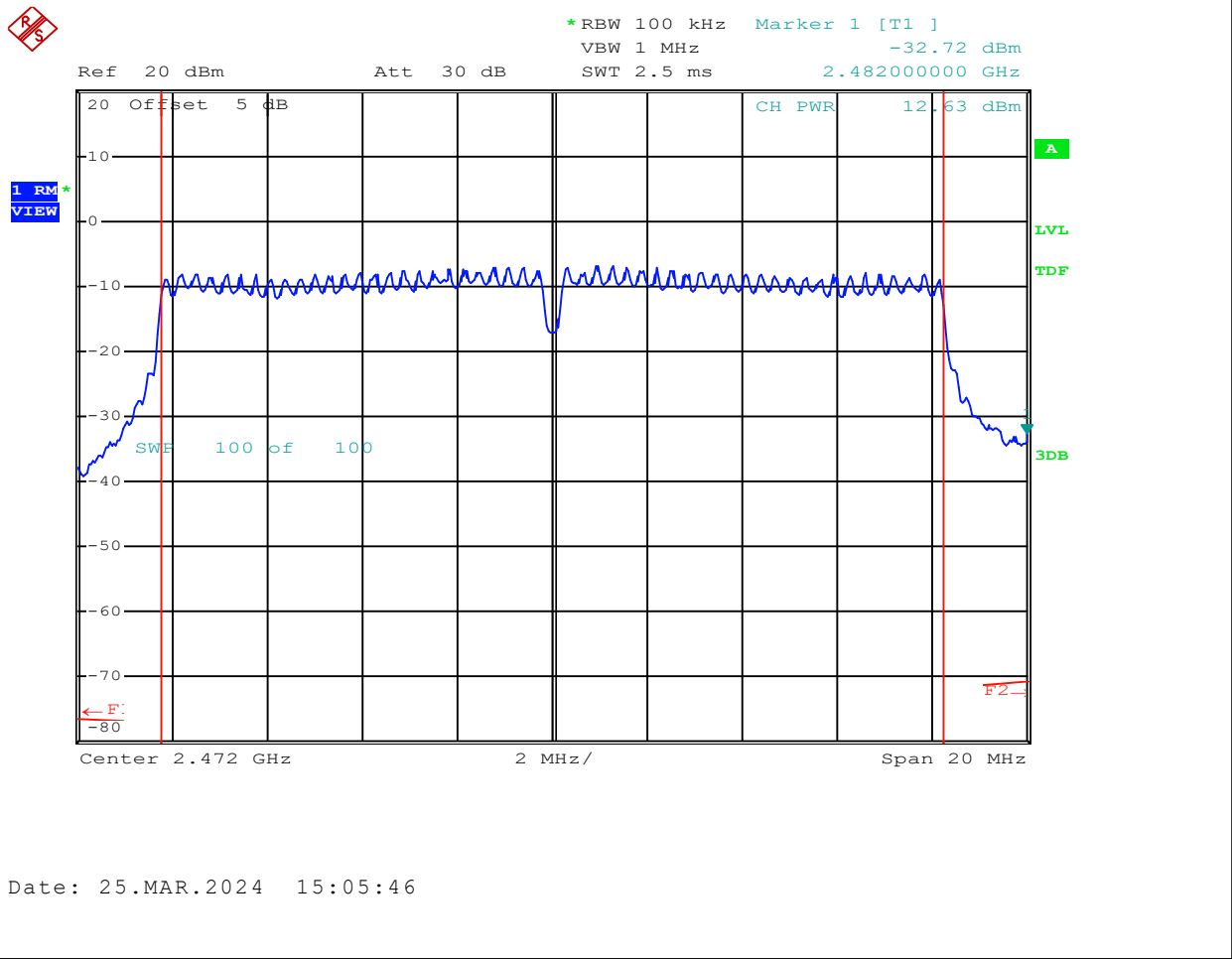
Mode: 802.11g

Channel Frequency: 2462 MHz

Modulation: OFDM12

Measured Channel Power: 15.9 dBm

Conducted Power:



Date: 25.MAR.2024 15:05:46

Channel: 13

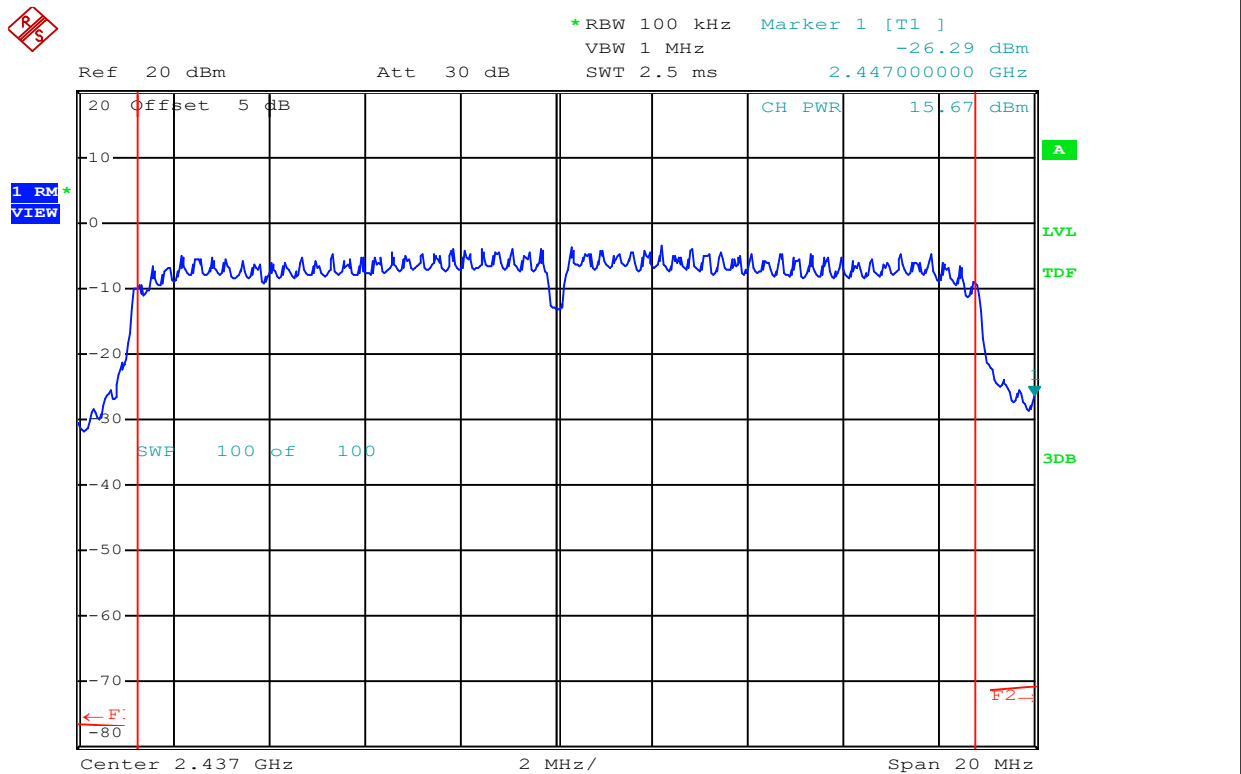
Mode: 802.11g

Channel Frequency: 2472 MHz

Modulation: OFDM12

Measured Channel Power: 12.63 dBm

Conducted Power:



Date: 25.MAR.2024 15:11:56

Channel: 6

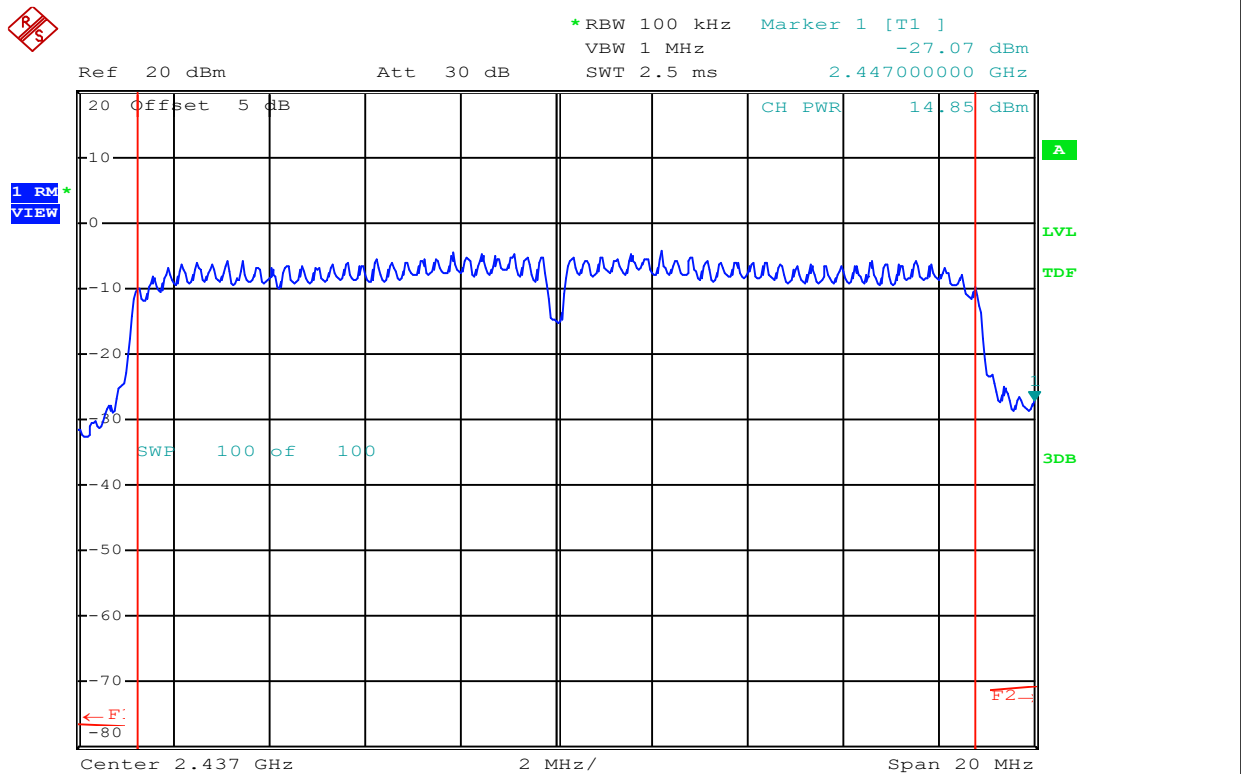
Mode: 802.11n

Channel Frequency: 2437 MHz

Modulation: MCS0

Measured Channel Power: **15.67** dBm

Conducted Power:



Date: 25.MAR.2024 15:13:11

Channel: 6

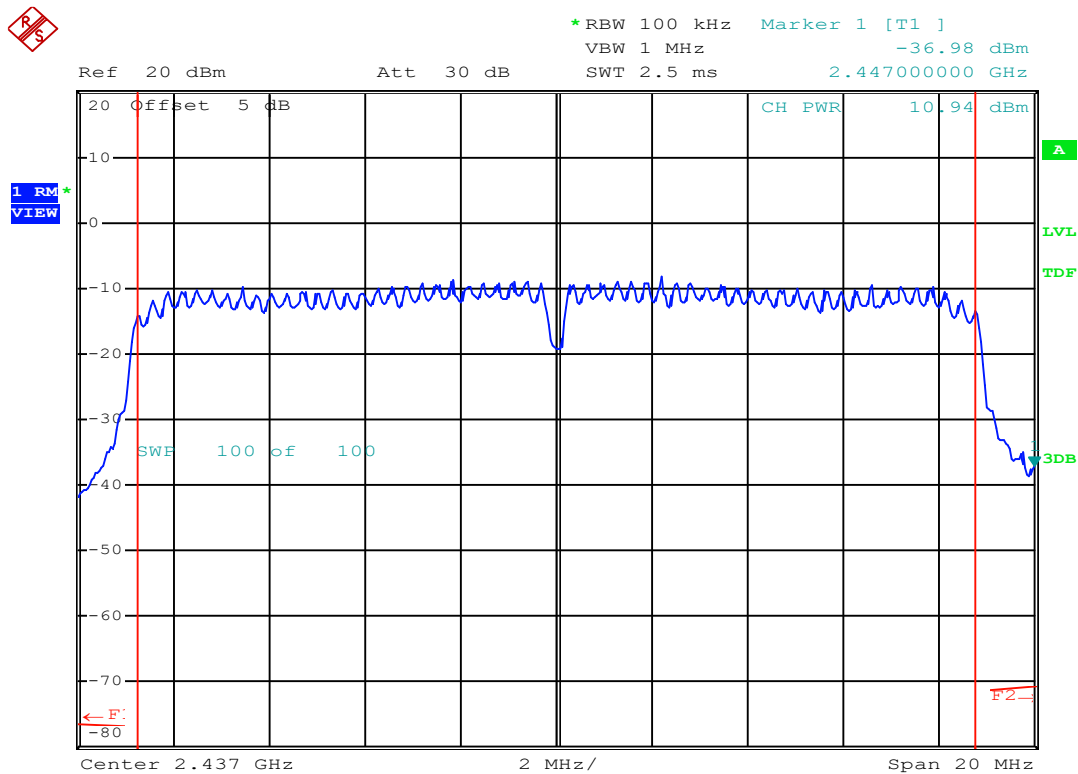
Mode: 802.11n

Channel Frequency: 2437 MHz

Modulation: MCS3

Measured Channel Power: 14.85 dBm

Conducted Power:



Date: 25.MAR.2024 15:14:27

Channel: 6

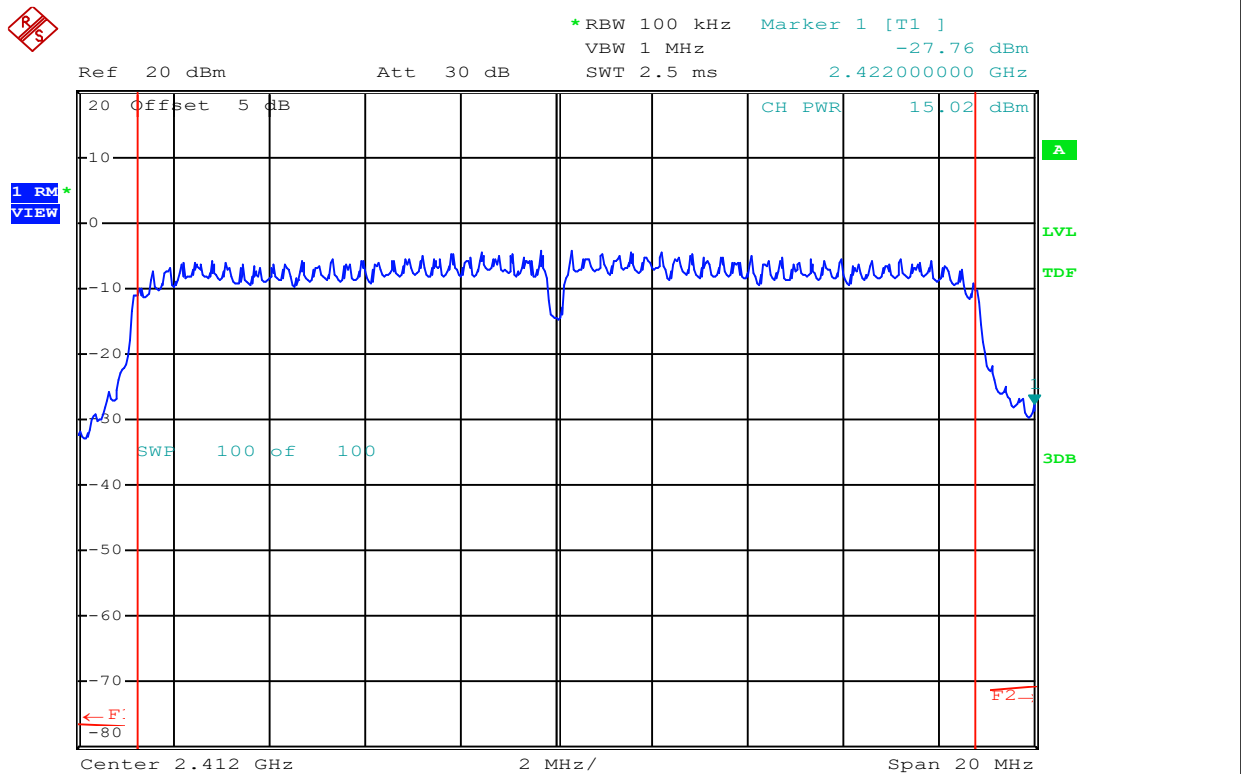
Mode: 802.11n

Channel Frequency: 2437 MHz

Modulation: MCS7

Measured Channel Power: 10.94 dBm

Conducted Power:



Date: 25.MAR.2024 15:26:22

Channel: 1

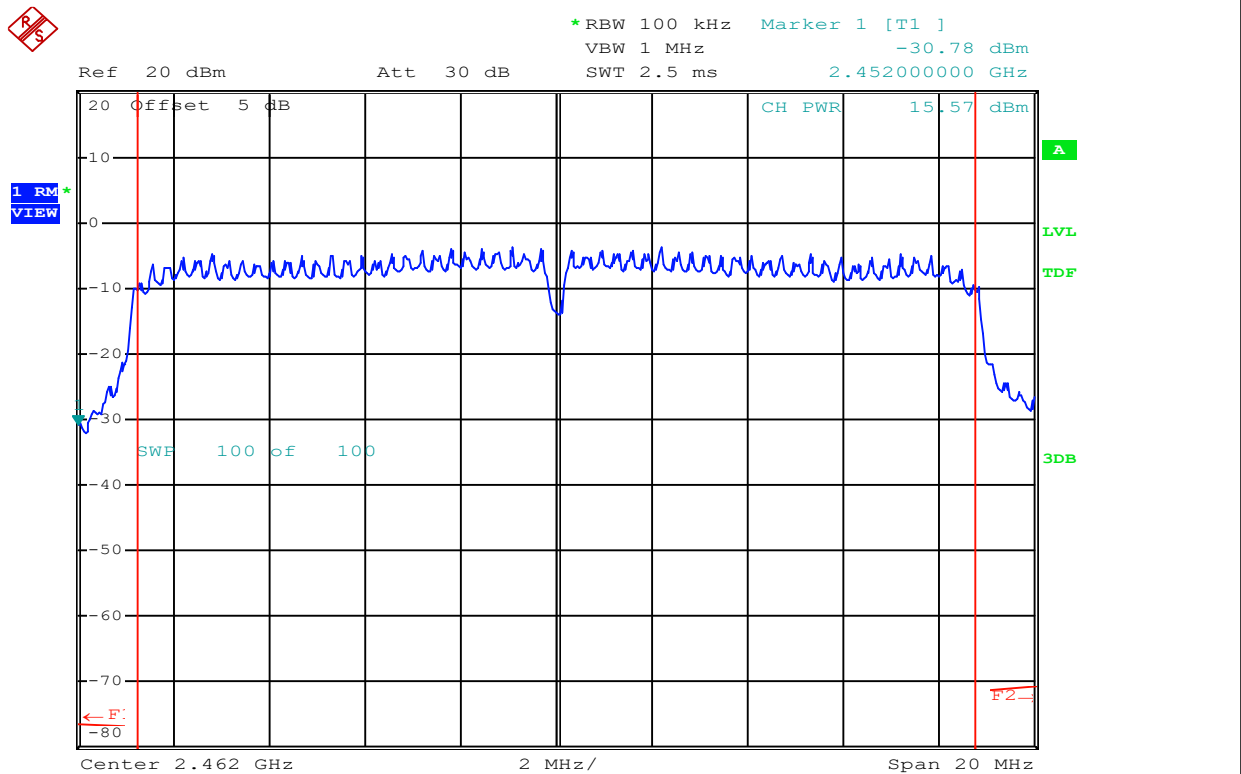
Mode: 802.11n

Channel Frequency: 2412 MHz

Modulation: MCS0

Measured Channel Power: 15.02 dBm

Conducted Power:



Date: 25.MAR.2024 15:28:45

Channel: 11

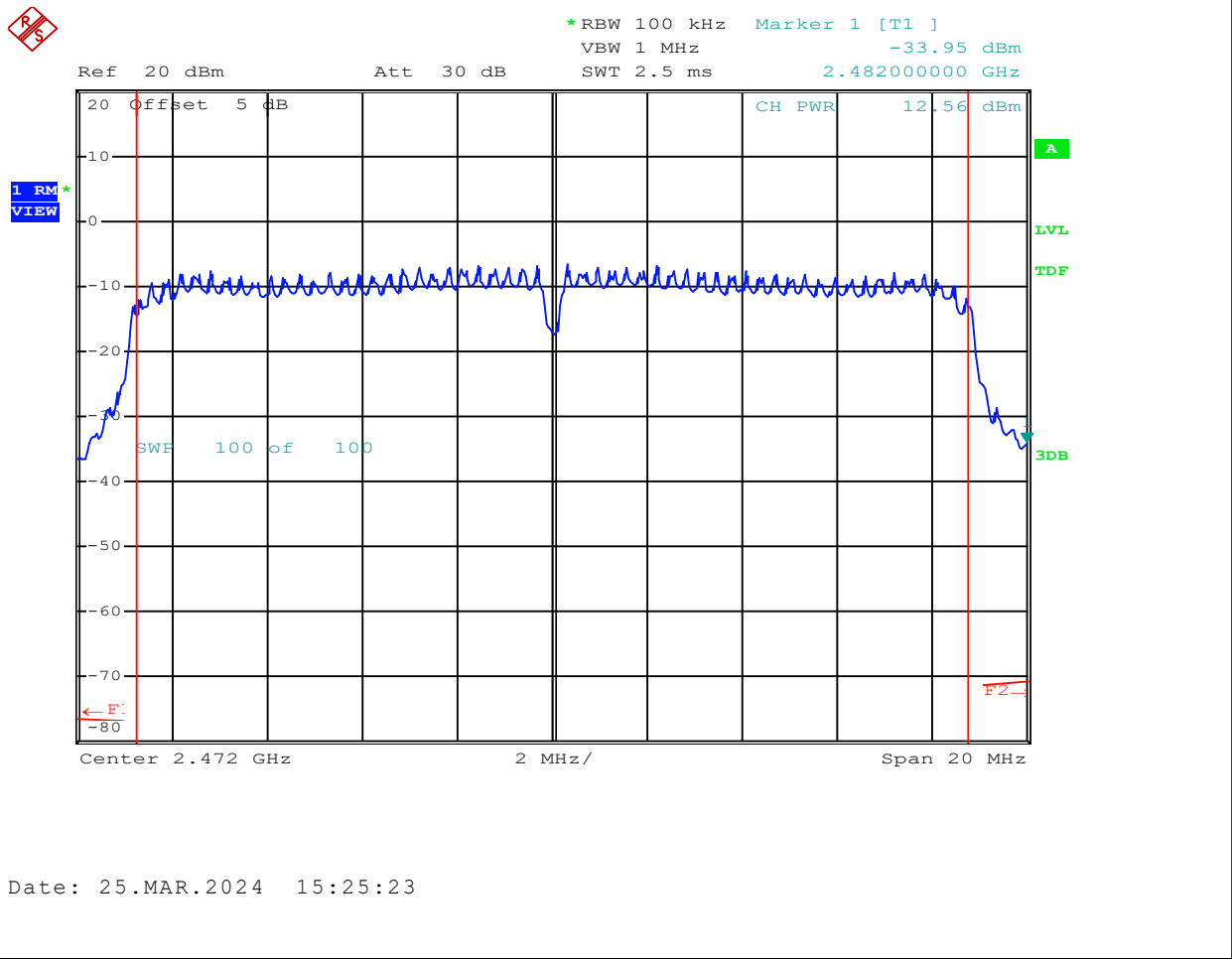
Mode: 802.11n

Channel Frequency: 2462 MHz

Modulation: MCS0

Measured Channel Power: **15.57** dBm

Conducted Power:



Date: 25.MAR.2024 15:25:23

Channel: 13

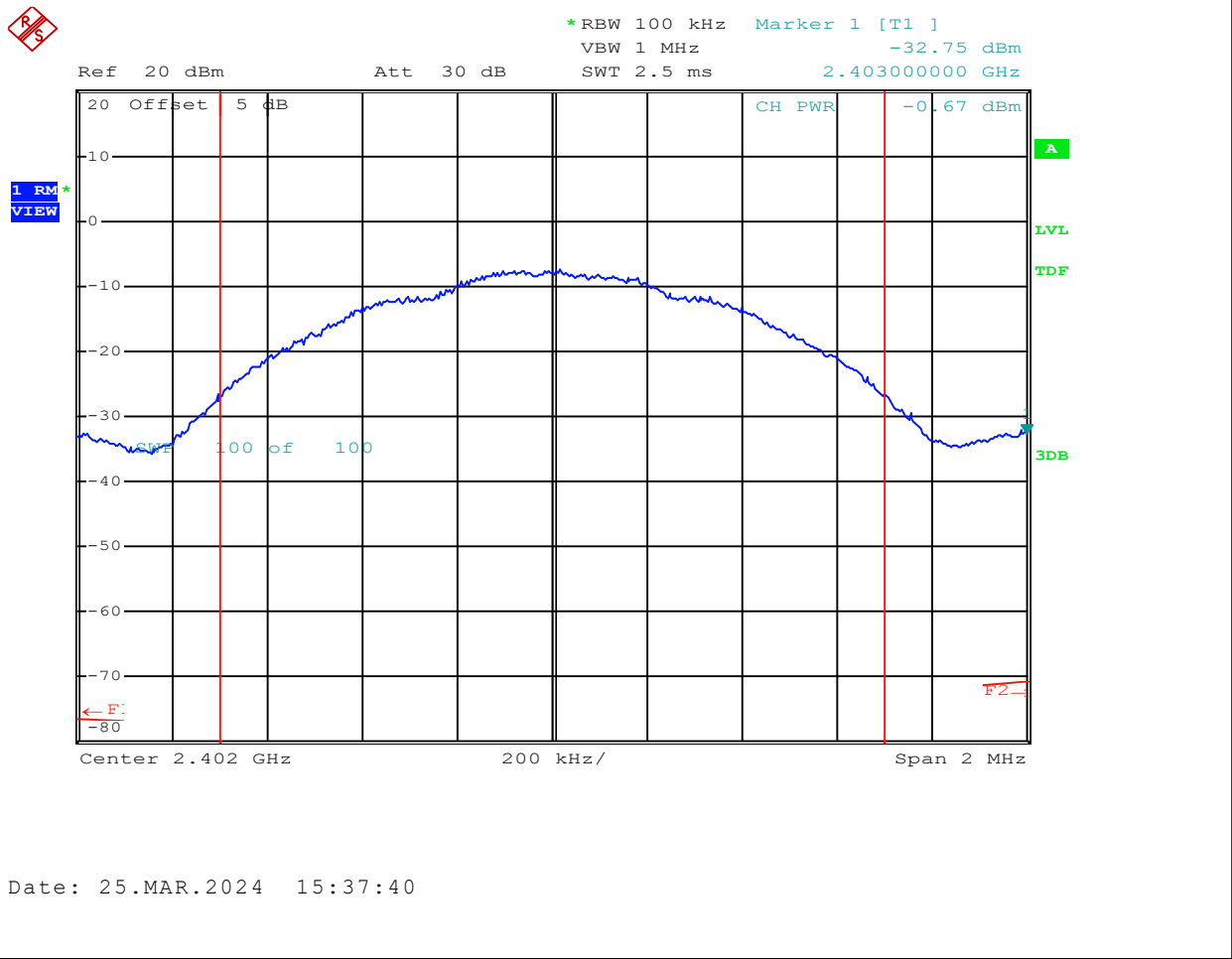
Mode: 802.11n

Channel Frequency: 2472 MHz

Modulation: MCS0

Measured Channel Power: 12.56 dBm

Conducted Power:



Date: 25.MAR.2024 15:37:40

Channel: 37

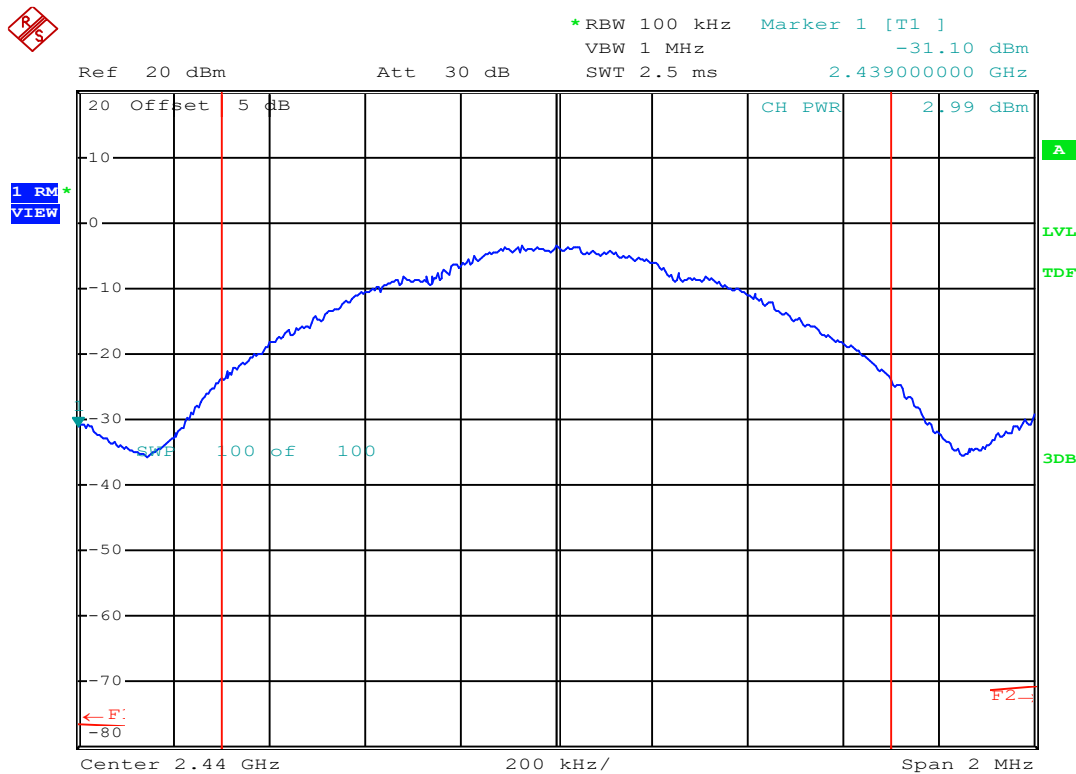
Mode: BLE 1mb

Channel Frequency: **2402** MHz

Modulation: **GMSK**

Measured Channel Power: -0.67 dBm

Conducted Power:



Date: 25.MAR.2024 15:38:56

Channel: 17

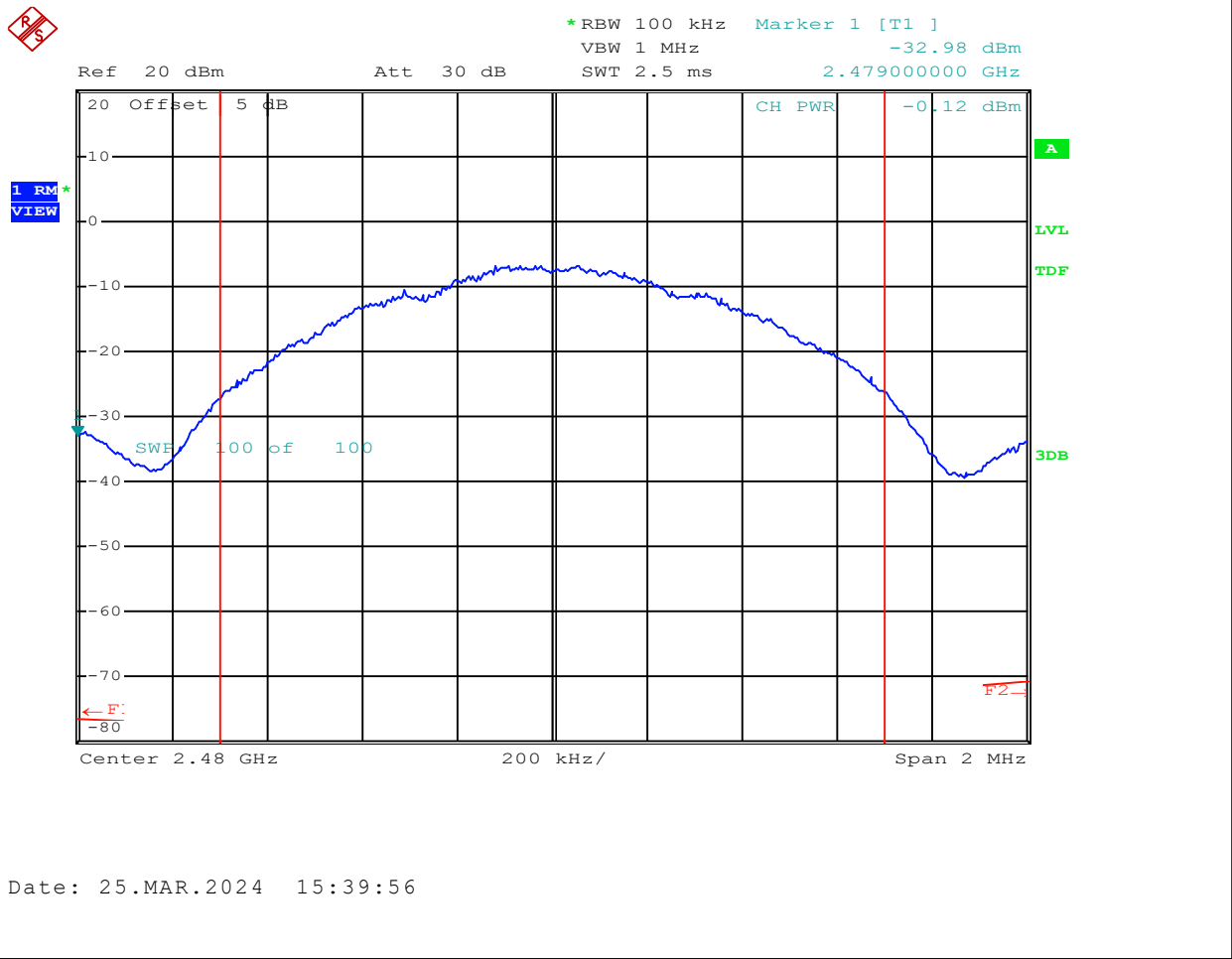
Mode: BLE 1mb

Channel Frequency: 2440 MHz

Modulation: **GMSK**

Measured Channel Power: **2.99** dBm

Conducted Power:



Date: 25.MAR.2024 15:39:56

Channel: 39

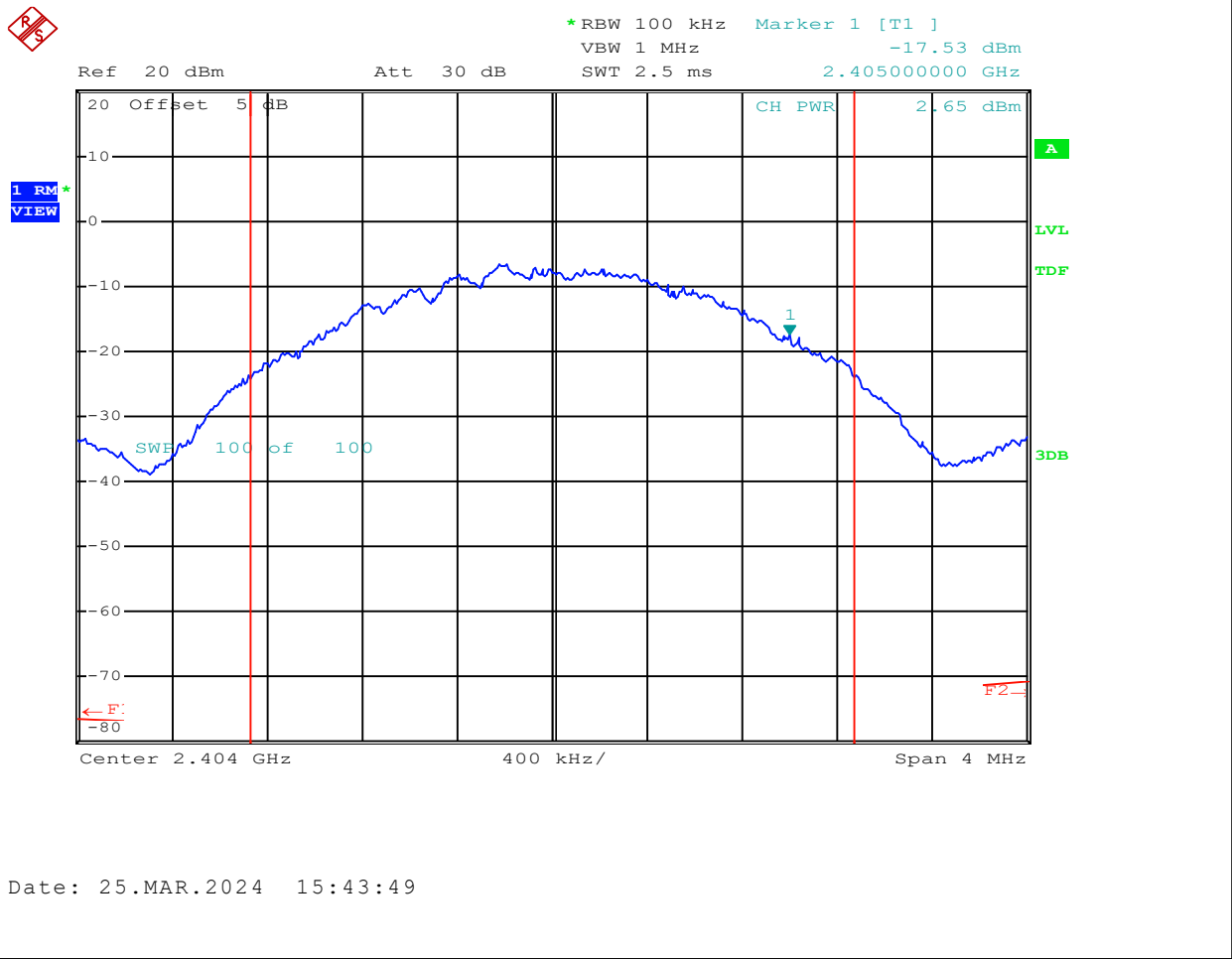
Mode:	BLE 1mb
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Channel Frequency: 2480 MHz

Modulation: **GMSK**

Measured Channel Power: -0.12 dBm

Conducted Power:



Date: 25.MAR.2024 15:43:49

Channel: 1

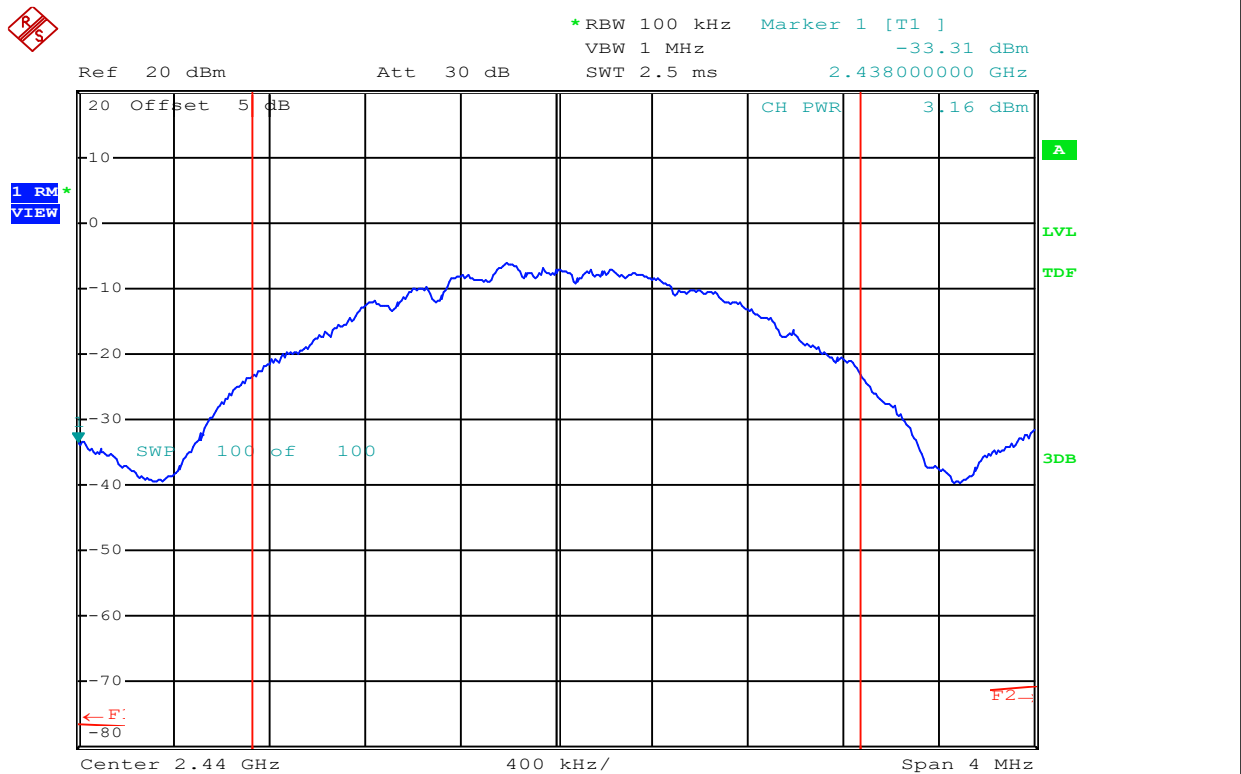
Mode: BLE 2mb

Channel Frequency: 2404 MHz

Modulation:	GMSK
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Measured Channel Power: 2.65 dBm

Conducted Power:



Date: 25.MAR.2024 15:45:48

Channel: 17

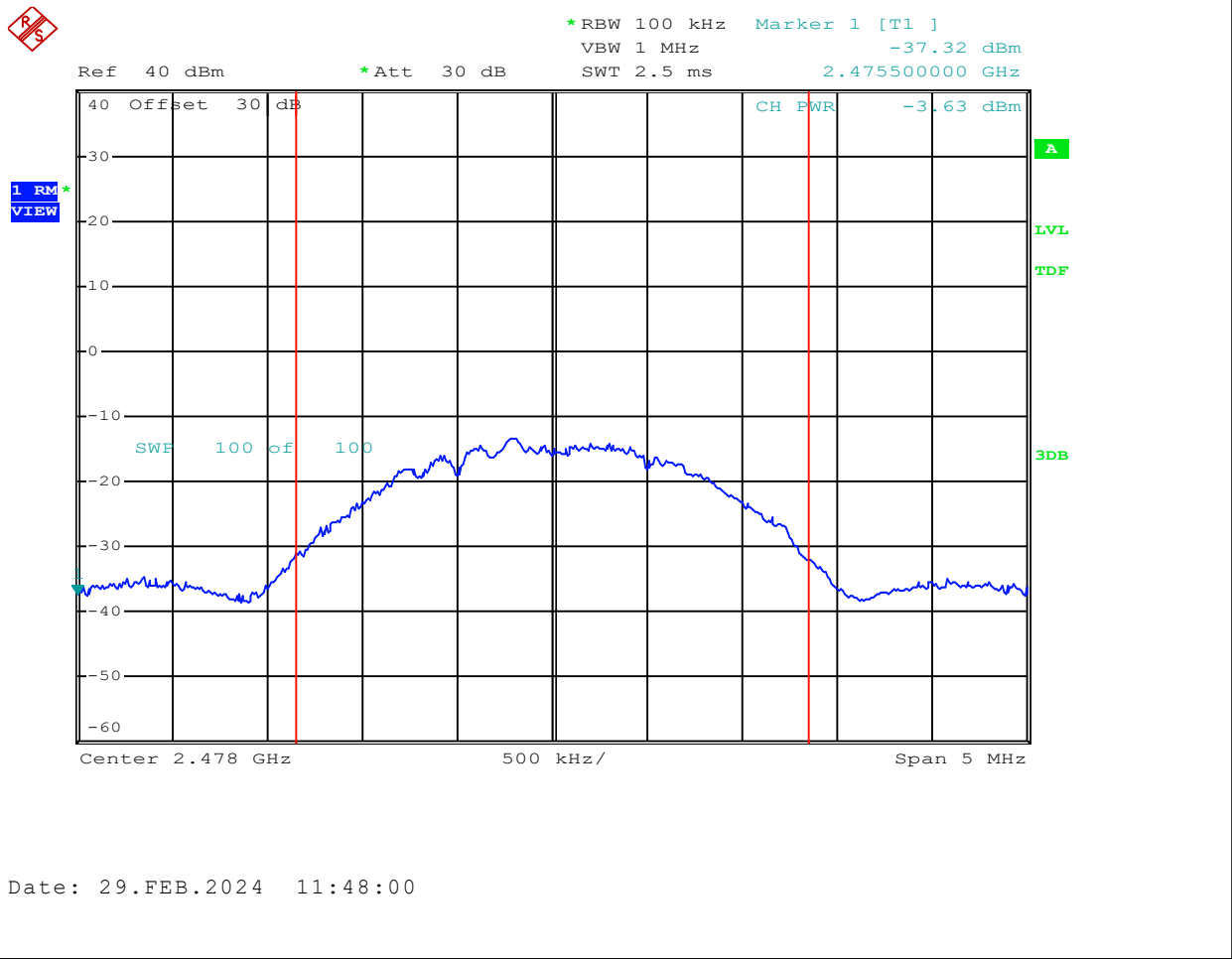
Mode: BLE 2mb

Channel Frequency: 2440 MHz

Modulation: **GMSK**

Measured Channel Power: 3.16 dBm

Conducted Power:



Date: 29.FEB.2024 11:48:00

Channel: 36

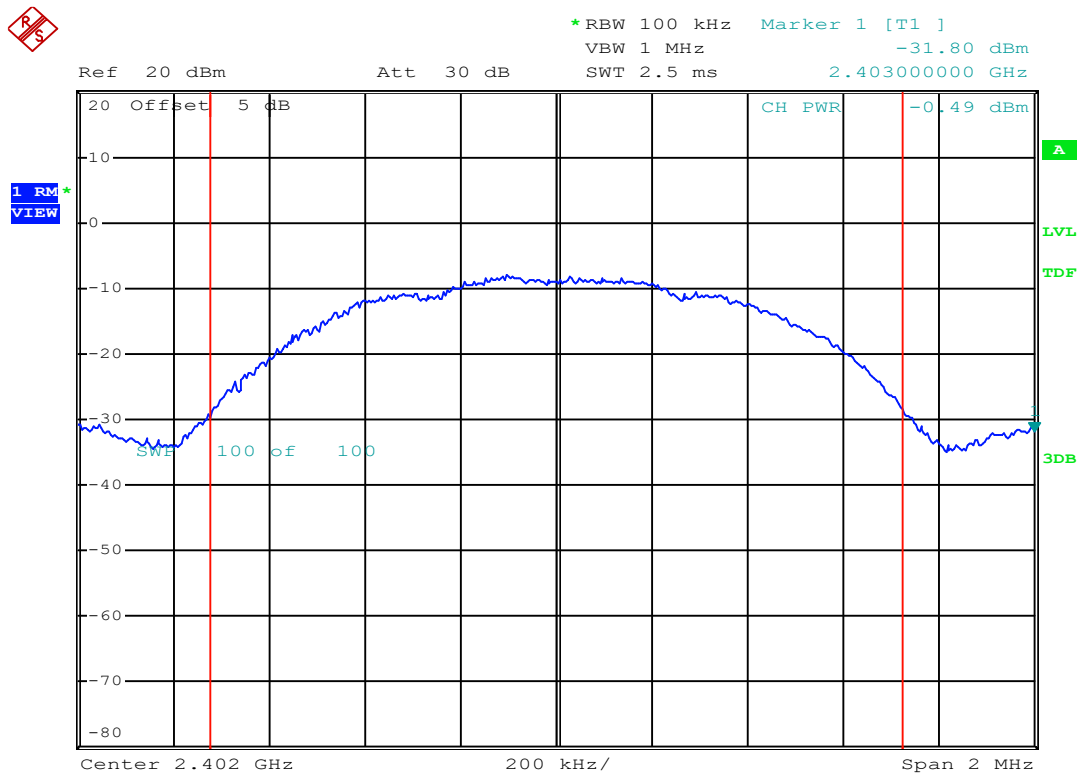
Mode: BLE 2mb

Channel Frequency: 2478 MHz

Modulation:	GMSK
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Measured Channel Power: -3.63 dBm

Conducted Power:



Date: 26.MAR.2024 10:52:17

Channel: 2

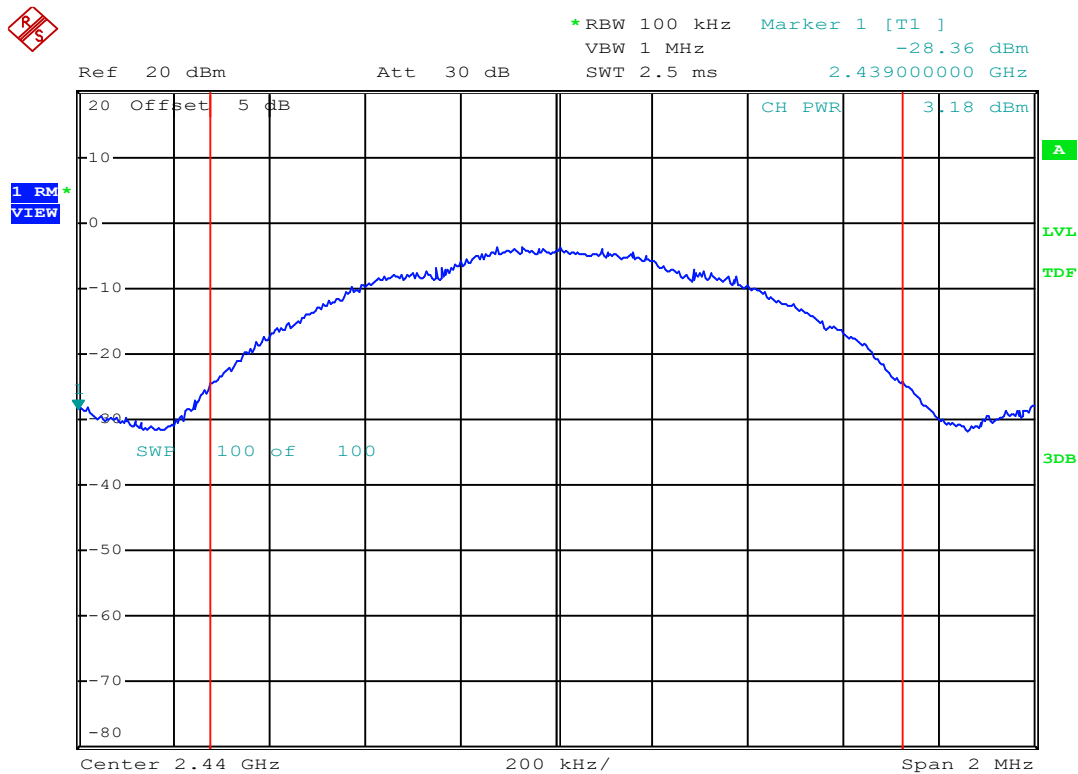
Mode: ANT

Channel Frequency: 2402 MHz

Modulation: **GFSK**

Measured Channel Power: **-0.49** dBm

Conducted Power:



Date: 26.MAR.2024 10:50:09

Channel: 40

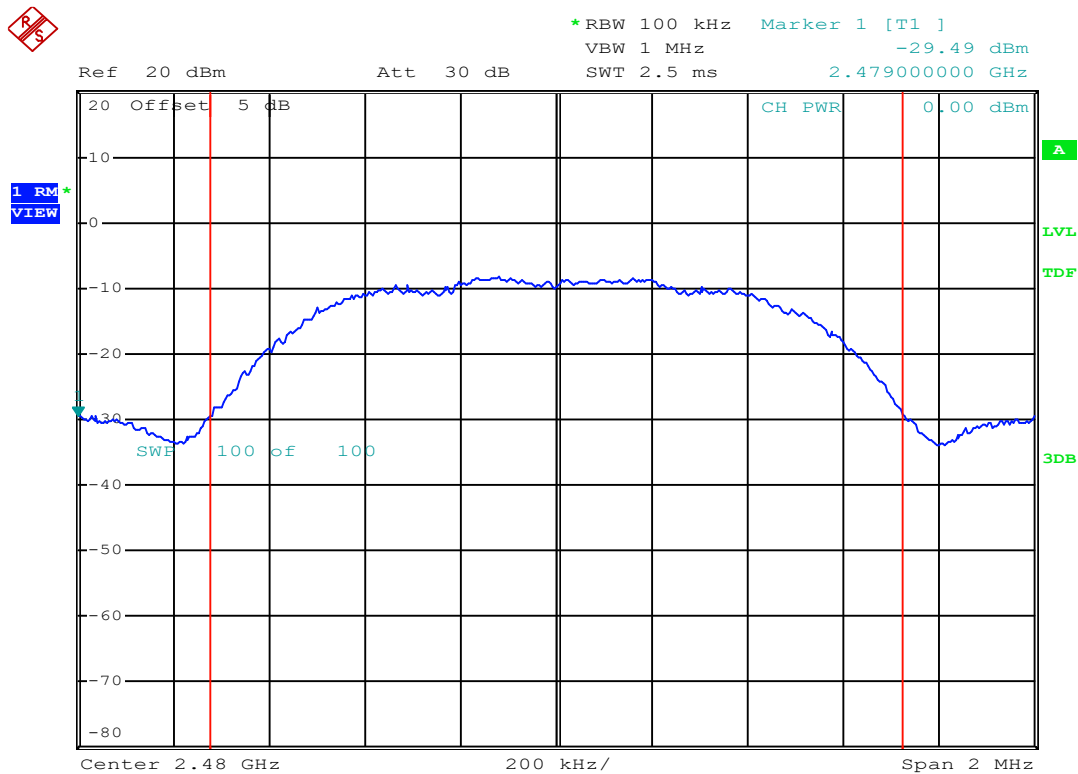
Mode: ANT

Channel Frequency: 2440 MHz

Modulation: **GFSK**

Measured Channel Power: 3.18 dBm

Conducted Power:



Date: 26.MAR.2024 10:51:26

Channel: 80

Mode: ANT

Channel Frequency: 2480 MHz

Modulation: **GFSK**

Measured Channel Power: 0.0 dBm

Conducted Power Measurement Results: DSS

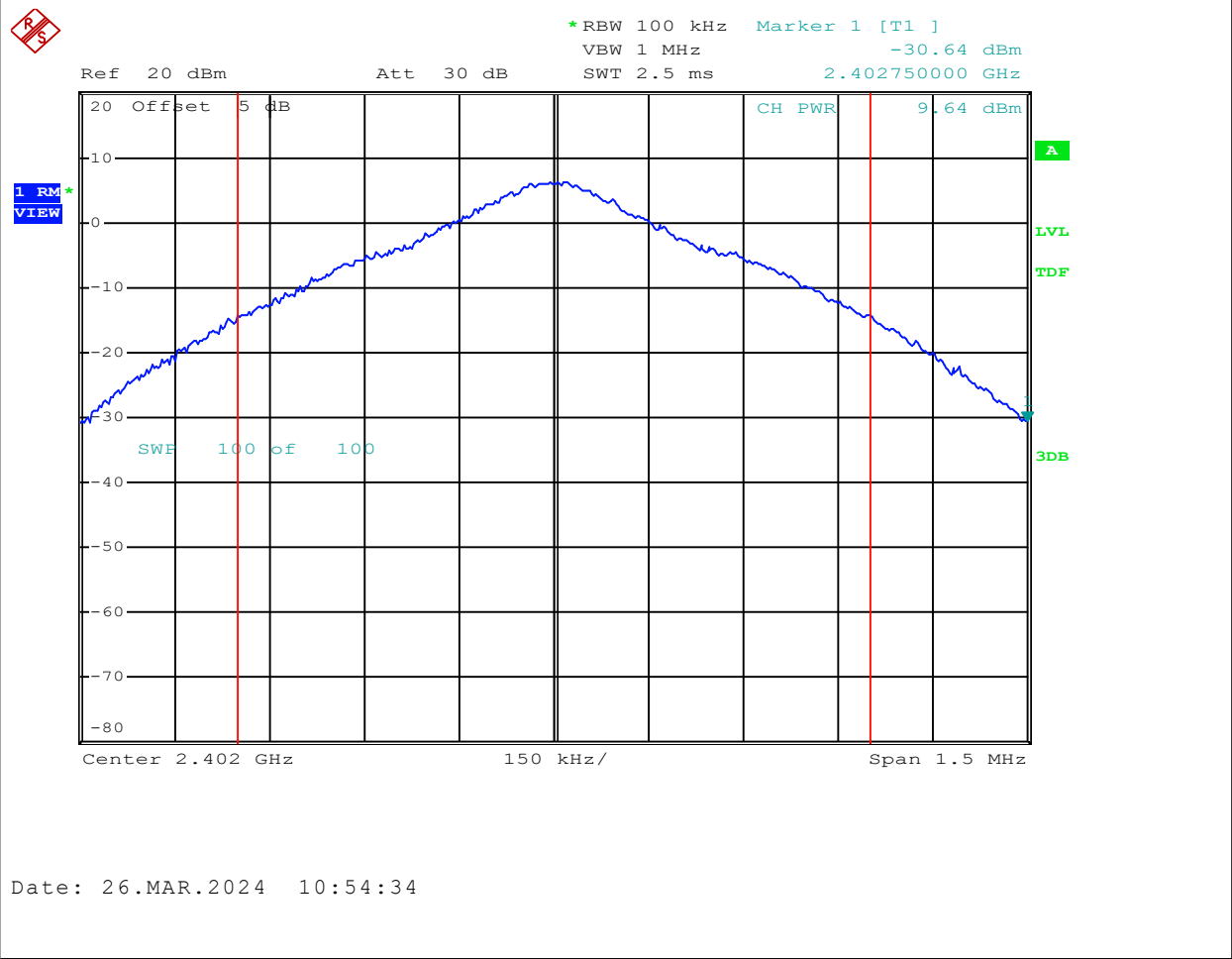
Channel Number	Channel Frequency (MHz)	Mode	Modulation	Rated Power (EIRP)	Measured Power [P _{Meas}] (dBm)	Limit [P _{Lim}] (dBm)	Conducted Margin (dB)	Antenna Gain [G] (dBi)	EIRP [E _{Meas}] (dBm)	EIRP Limit [E _{Lim}] (dBm)	EIRP Margin (dB)
2	2404.00	BT BR	GFSK	6.5	9.64	30	20.4	-5	4.6	36	31.4
38	2440.00				11.17		18.8		6.2		29.8
78	2480.00				10.90		19.1		5.9		30.1
39	2440.00	BT 2EDR	Pi/4-DQPSK		10.42		19.6		5.4		30.6
39	2440.00	BT 3EDR	8-DPSK		10.42		19.6		5.4		30.6
Result:											Complies

Conducted Margin = Conducted Limit [P_{Limit}] - Measure Power [P_{Meas}]

EIRP [E_{Meas}] = Measure Power [P_{Meas}] + Antenna Gain [G]

EIRP Margin = EIRP Limit [E_{Lim}] - EIPR [E_{Meas}]

Conducted Power:



Date: 26.MAR.2024 10:54:34

Channel: 2

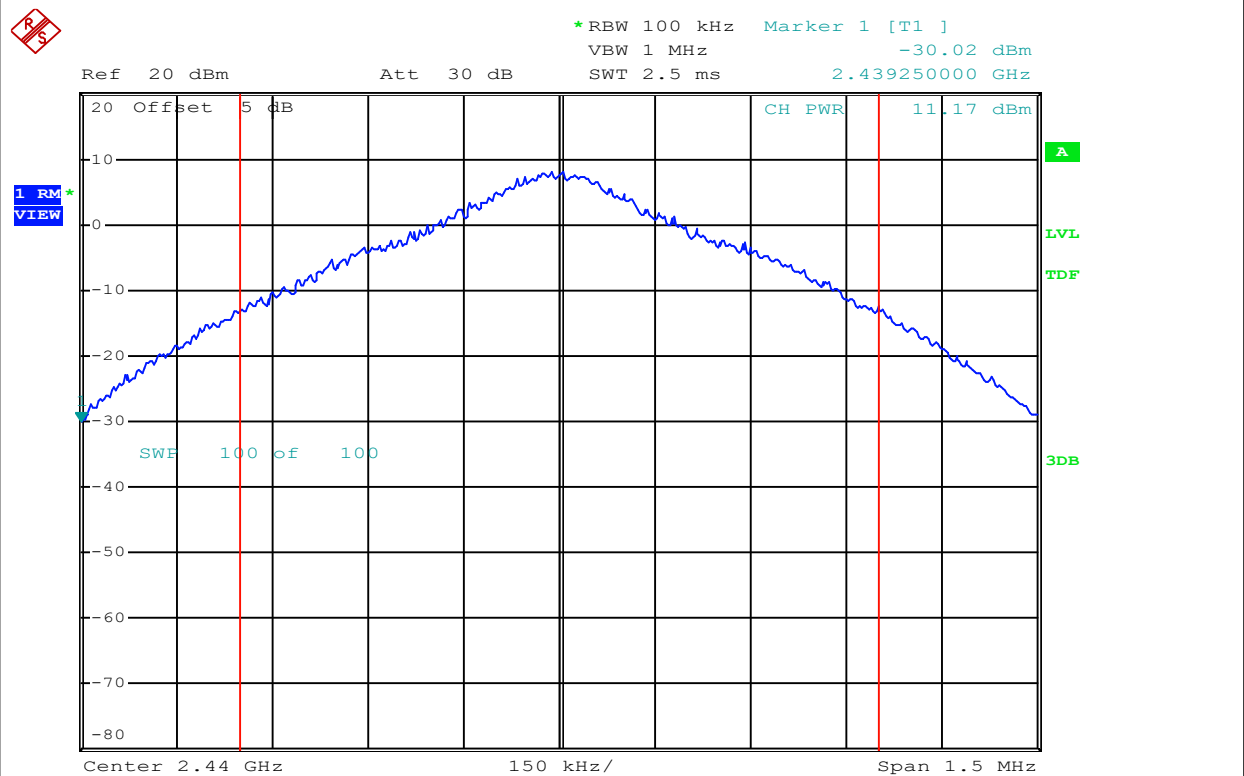
Mode: BT BR

Channel Frequency: 2404 MHz

Modulation: **GFSK**

Measured Channel Power: **9.64** dBm

Conducted Power:



Date: 26.MAR.2024 11:07:02

Channel: 38

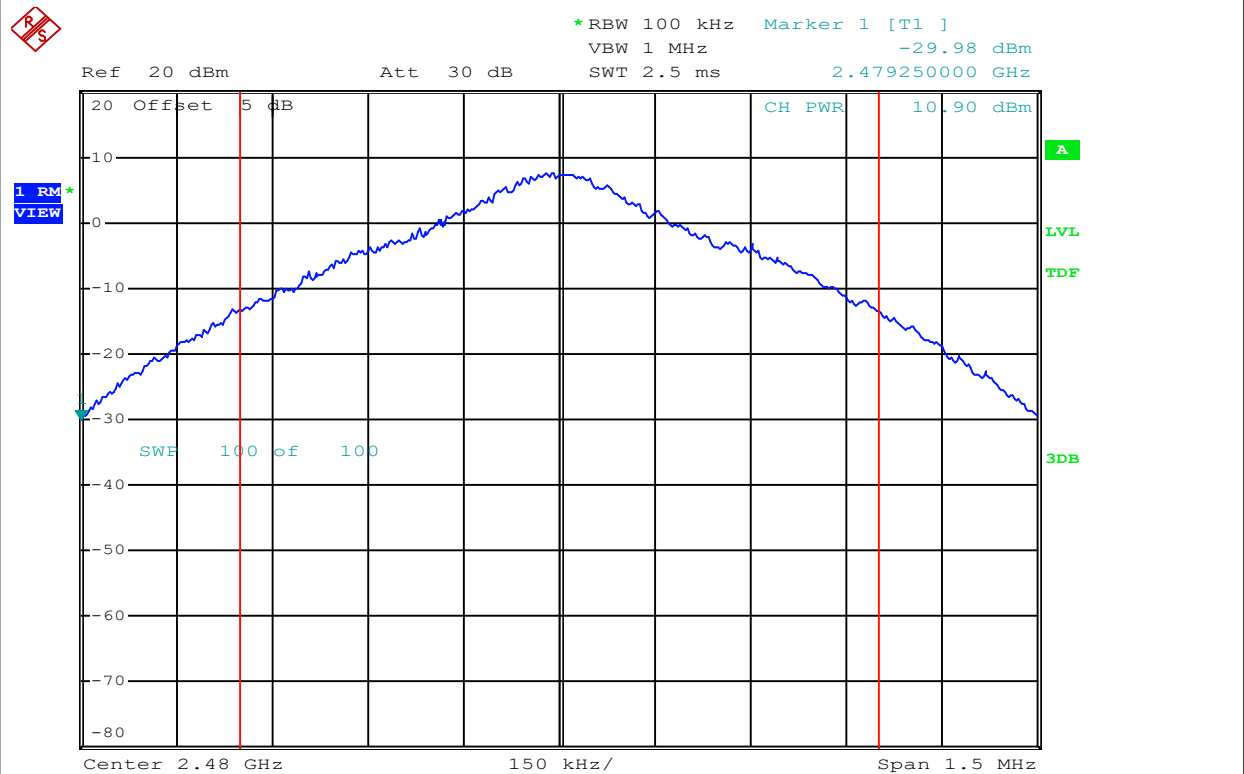
Mode: BT BR

Channel Frequency: 2440 MHz

Modulation: **GFSK**

Measured Channel Power: 11.17 dBm

Conducted Power:



Date: 26.MAR.2024 11:11:13

Channel: 78

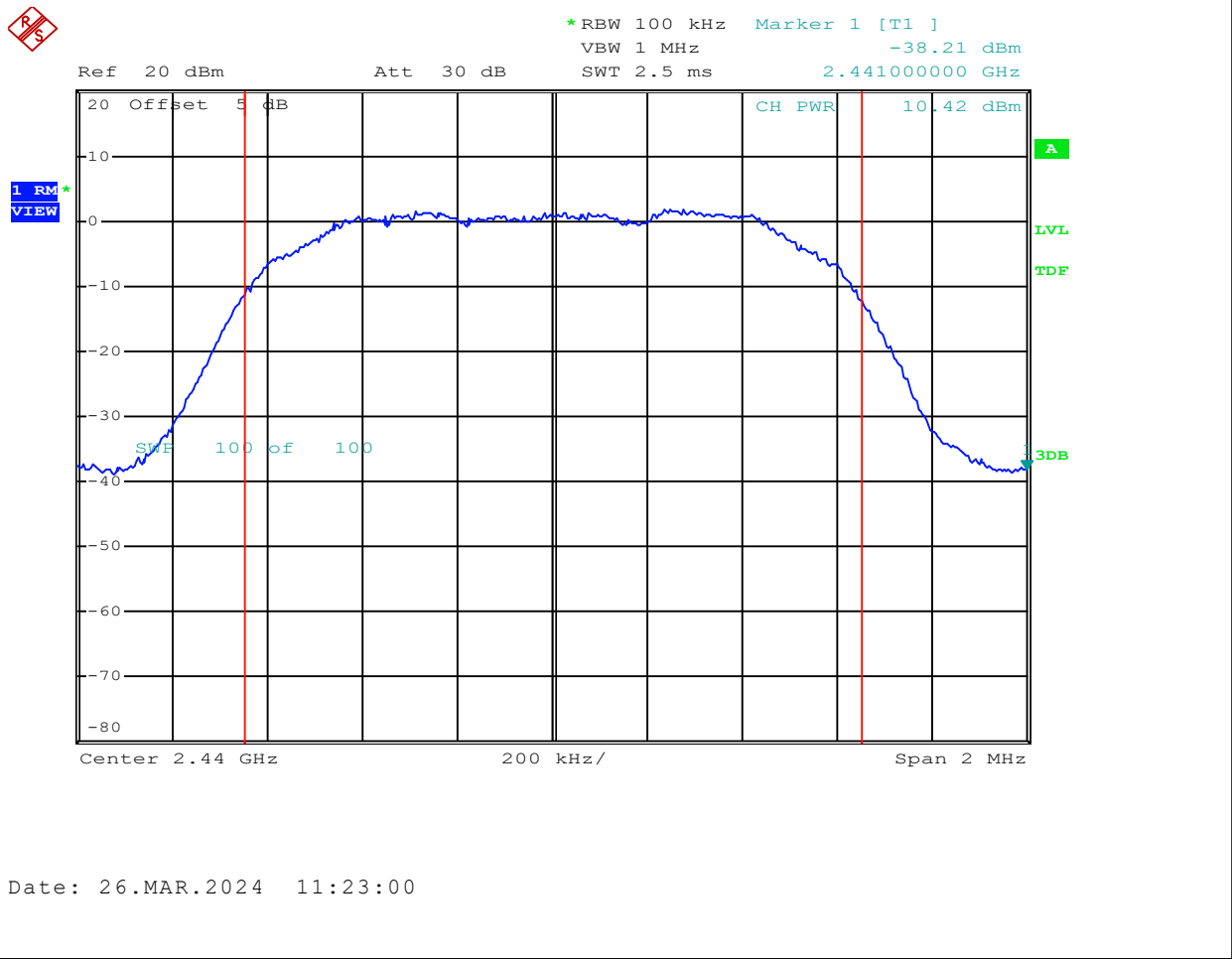
Mode: BT BR

Channel Frequency: 2480 MHz

Modulation: **GFSK**

Measured Channel Power: 10.9 dBm

Conducted Power:



Date: 26.MAR.2024 11:23:00

Channel: 39

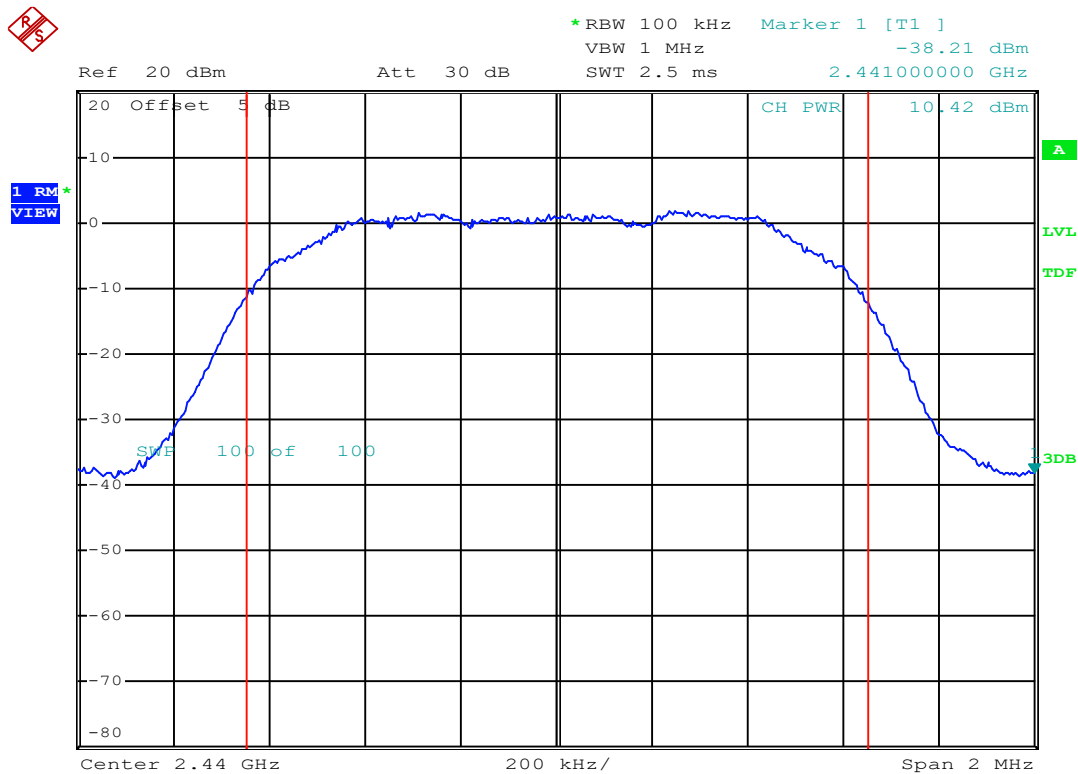
Mode: BT 2EDR

Channel Frequency: **2440** MHz

Modulation: **Pi/4-DQPSK**

Measured Channel Power: **10.42** dBm

Conducted Power:



Date: 26.MAR.2024 11:23:00

Channel: 38

Mode: BT 3EDR

Channel Frequency: 2440 MHz

Modulation: 8-DPSK

Measured Channel Power: **10.42** dBm