

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	12.2	15.080	30	14.9	-3.8	11.3	36	24.7				
			CCK 2		15.270		14.7		11.5		24.5				
			DSSS 5.5		15.560		14.4		11.8		24.2				
			DSSS 11		15.100		14.9		11.3		24.7				
1	2412.00		DSSS 5.5		15.630		14.4		11.8		24.2				
2	2417.00				15.720		14.3		11.9		24.1				
11	2462.00				15.070		14.9		11.3		24.7				
13	2472.00				15.070		14.9		11.3		24.7				
6	2437.00	802.11g	OFDM6	11.2	14.140	30	15.9	-3.8	10.3	36	25.7				
			OFDM9		14.640		15.4		10.8		25.2				
			OFDM12		14.640		15.4		10.8		25.2				
					12.580		17.4		8.8		27.2				
2	2417.00				14.910		15.1		11.1		24.9				
11	2462.00				14.200		15.8		10.4		25.6				
13	2472.00		11.380		18.6		7.6		28.4						
6	2437.00		802.11n		MCS0		11.2		14.440		30	15.6	-3.8	10.6	36
		MCS3		13.680	16.3	9.9		26.1							
		MCS7		8.800	21.2	5.0		31.0							
		MCS0		14.610	15.4	10.8		25.2							
11	2462.00			13.860	16.1	10.1		25.9							
13	2472.00			12.100	17.9	8.3		27.7							
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

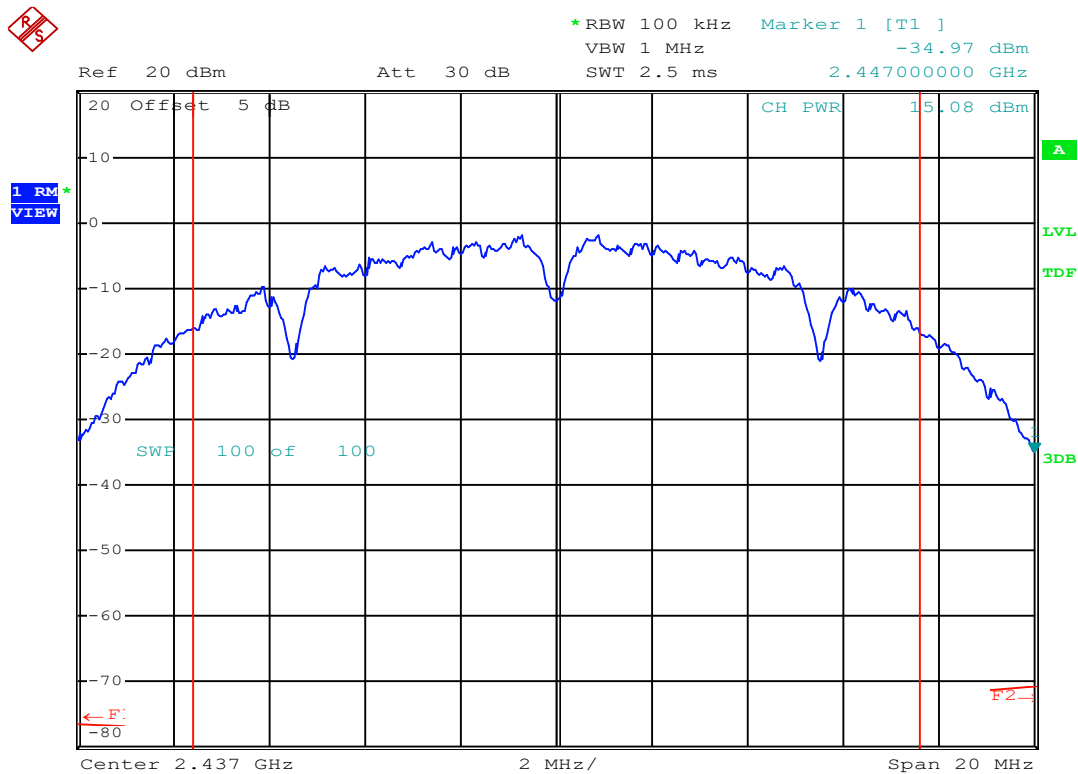
Channel Number	Channel Frequency (MHz)	Mode	Modulation	Rated Power (EIRP)	Measured Power [P _{Meas}] (dBm)	Limit [P _{Lim}] (dBm)	Conducted Margin (dB)	Antenna Gain [G] (dBi)	EIRP [E _{Meas}] (dBm)	EIRP Limit [E _{Lim}] (dBm)	EIRP Margin (dB)
37	2402.00	BLE 1mb	GMSK	-2.8	-1.67	30	31.7	-3.8	-5.5	36	41.5
17	2440.00				0.70		29.3		-3.1		39.1
39	2480.00				-3.37		33.4		-7.2		43.2
1	2404.00	BLE 2mb		-2.3	1.48		28.5		-2.3		38.3
17	2440.00				1.00		29.0		-2.8		38.8
36	2478.00				-3.63		33.6		-7.4		43.4
0	2402.00	ANT	GFSK	-2.3	-1.41	31.4	-5.2	41.2			
38	2440.00				1.07	28.9	-2.7	38.7			
78	2480.00				-3.37	33.4	-7.2	43.2			
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:



Date: 21.MAR.2024 13:33:51

Channel: 6

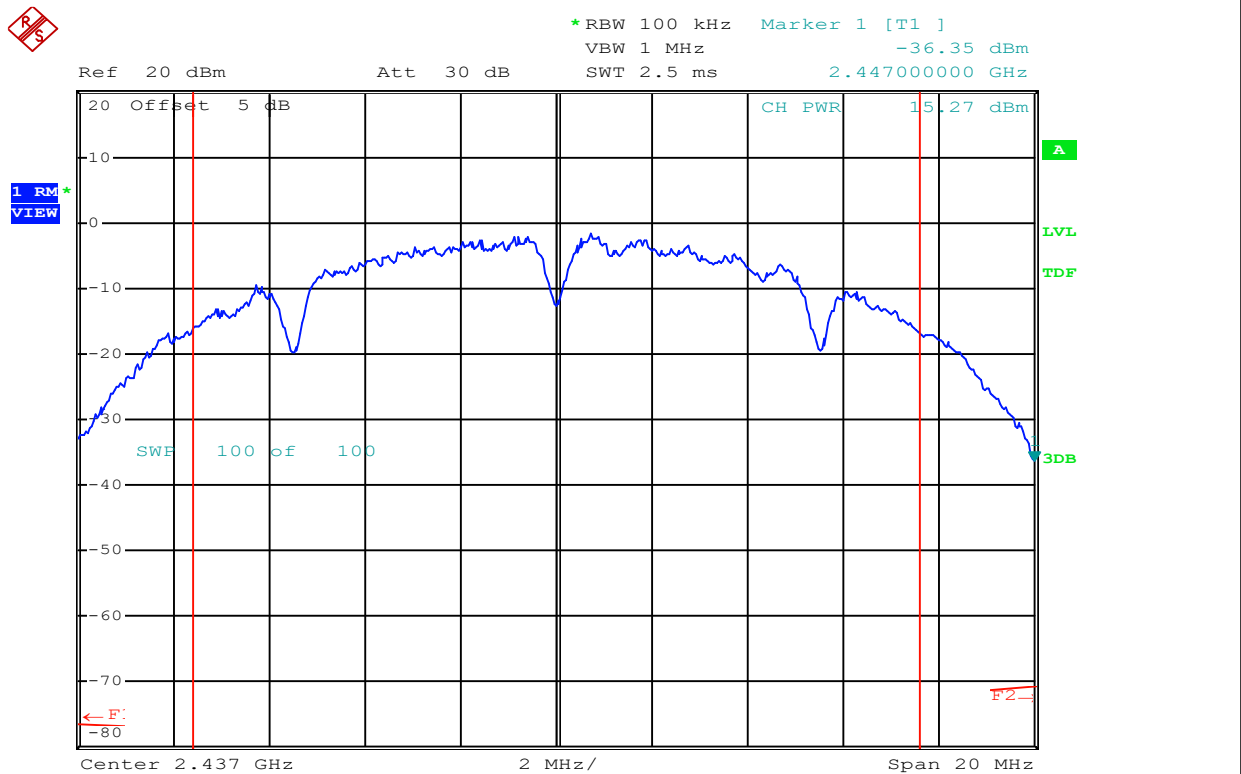
Mode: 802.11b

Channel Frequency: 2437 MHz

Modulation: CCK 1

Measured Channel Power: 15.08 dBm

Conducted Power:



Date: 21.MAR.2024 13:34:51

Channel: 6

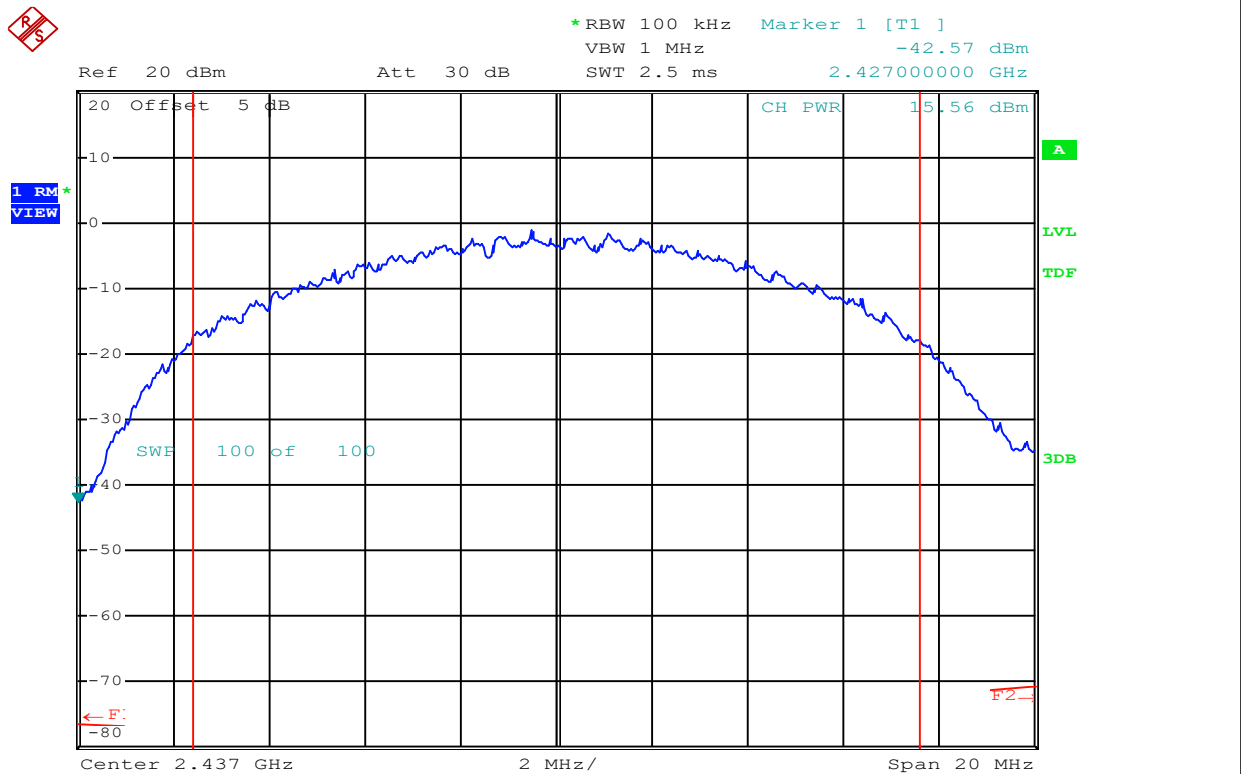
Mode: 802.11b

Channel Frequency: 2437 MHz

Modulation: CCK 2

Measured Channel Power: 15.27 dBm

Conducted Power:



Date: 21.MAR.2024 13:29:48

Channel: 6

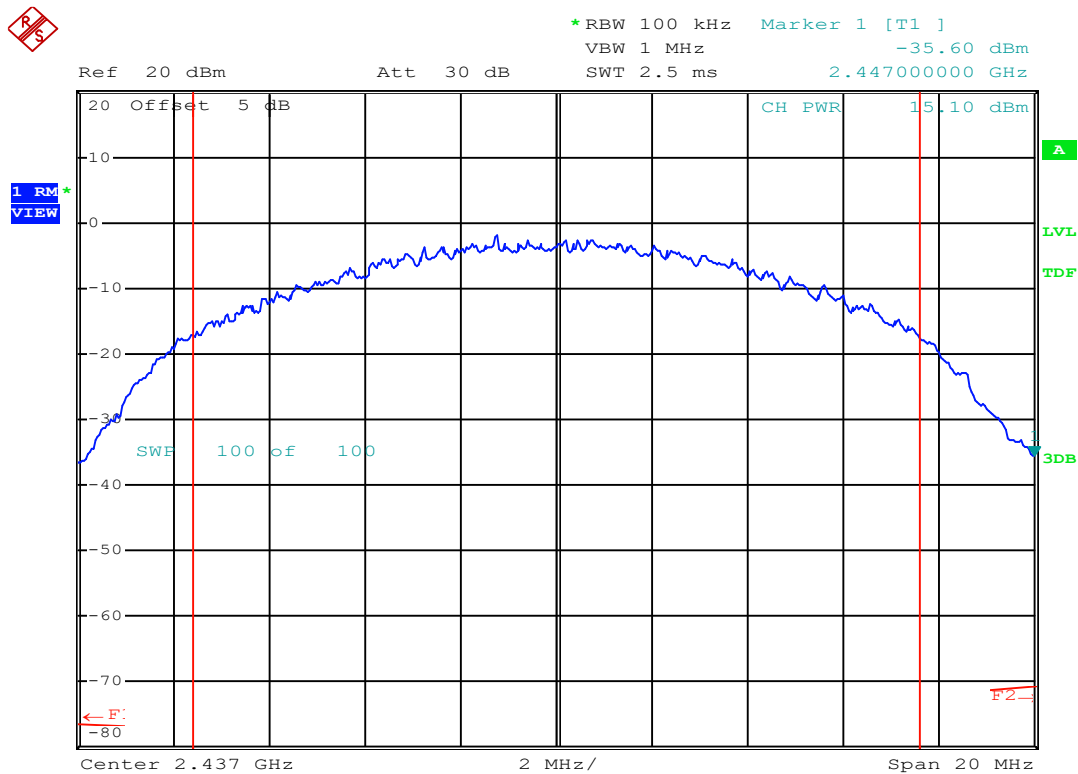
Mode: 802.11b

Channel Frequency: 2437 MHz

Modulation: **DSSS 5.5**

Measured Channel Power: **15.56** dBm

Conducted Power:



Date: 21.MAR.2024 13:32:43

Channel: 6

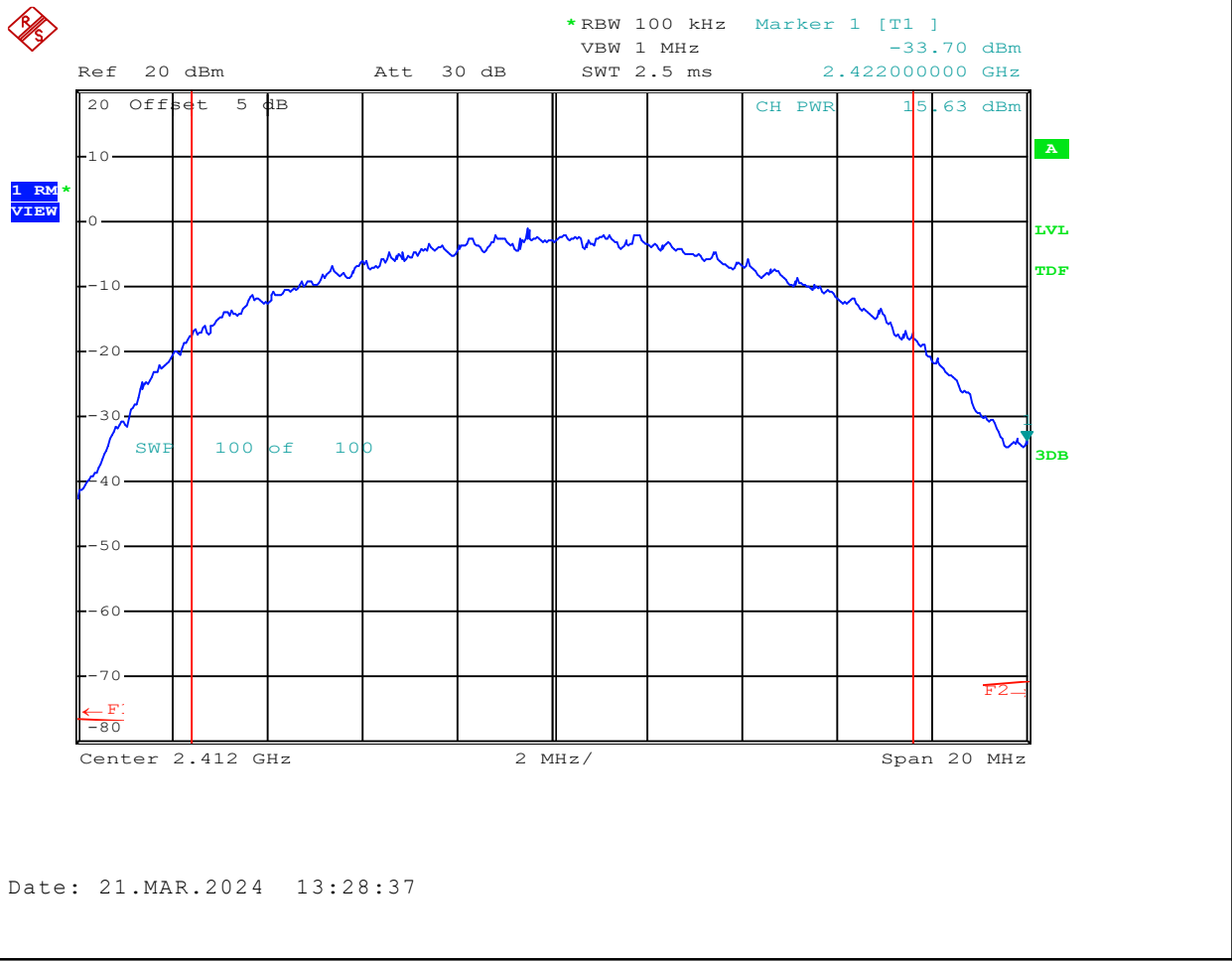
Mode: 802.11b

Channel Frequency: 2437 MHz

Modulation: DSSS 11

Measured Channel Power: 15.1 dBm

Conducted Power:



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

Channel: 1

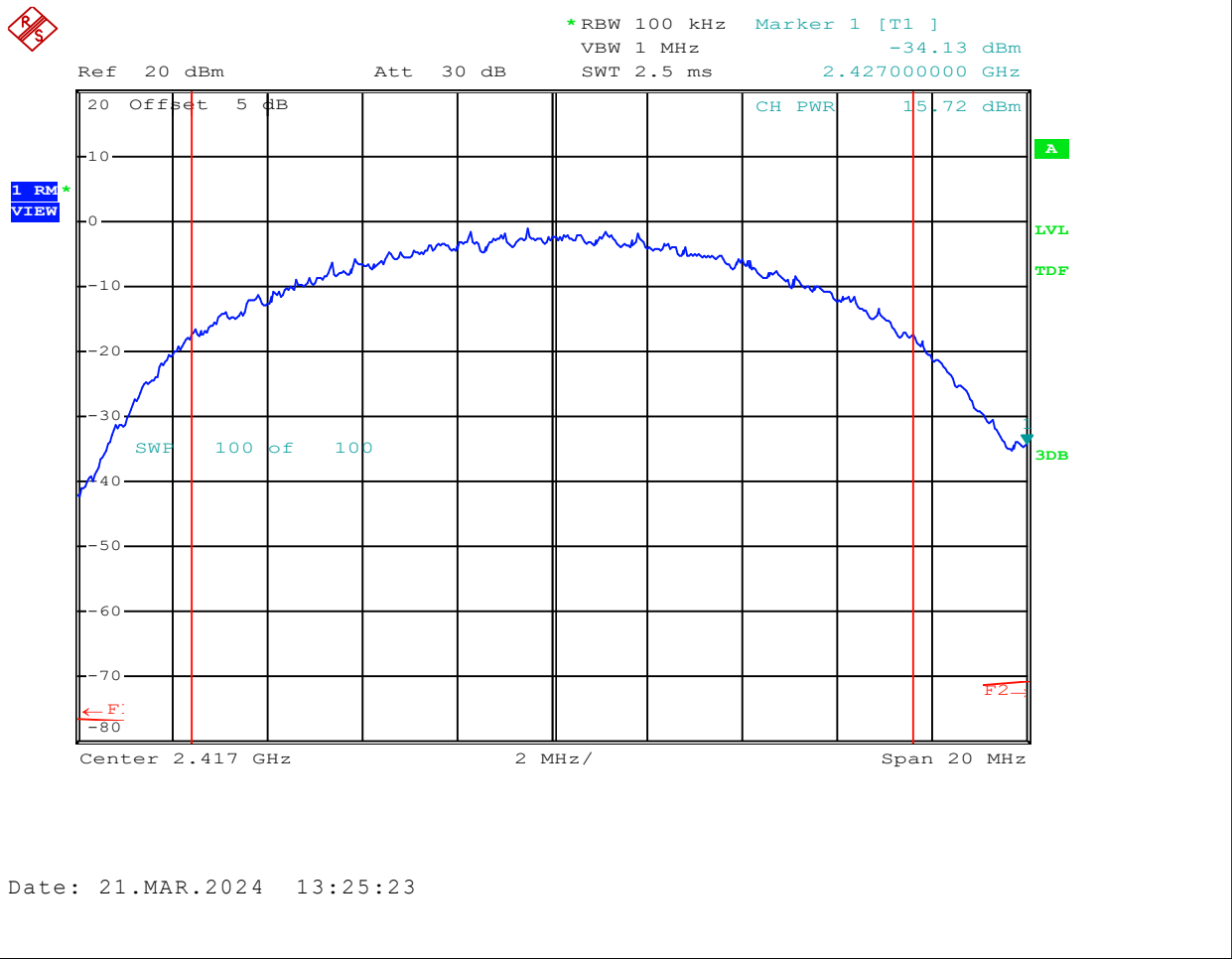
Mode:	802.11b
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Channel Frequency: 2412 MHz

Modulation:	DSSS 5.5
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Measured Channel Power: 15.63 dBm

Conducted Power:



Date: 21.MAR.2024 13:25:23

Channel: 2

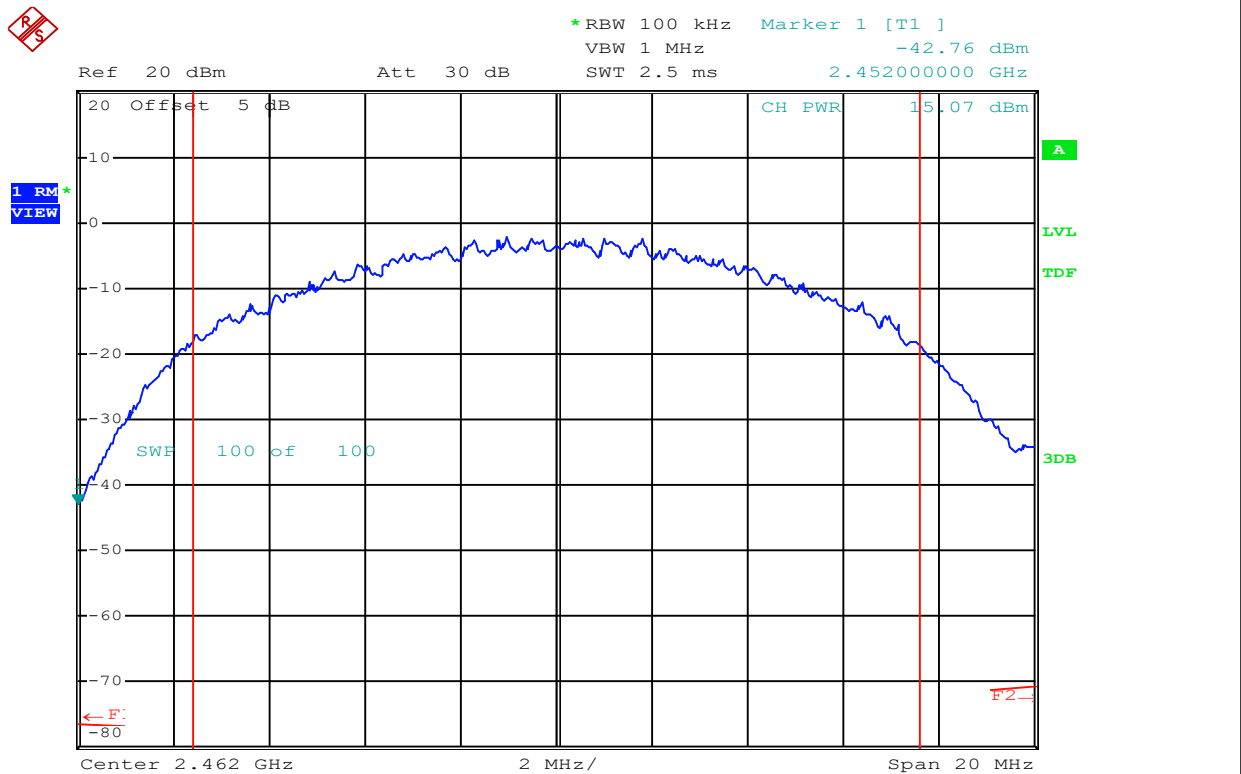
Mode: 802.11b

Channel Frequency: 2417 MHz

Modulation: **DSSS 5.5**

Measured Channel Power: 15.72 dBm

Conducted Power:



Date: 21.MAR.2024 13:30:59

Channel: 11

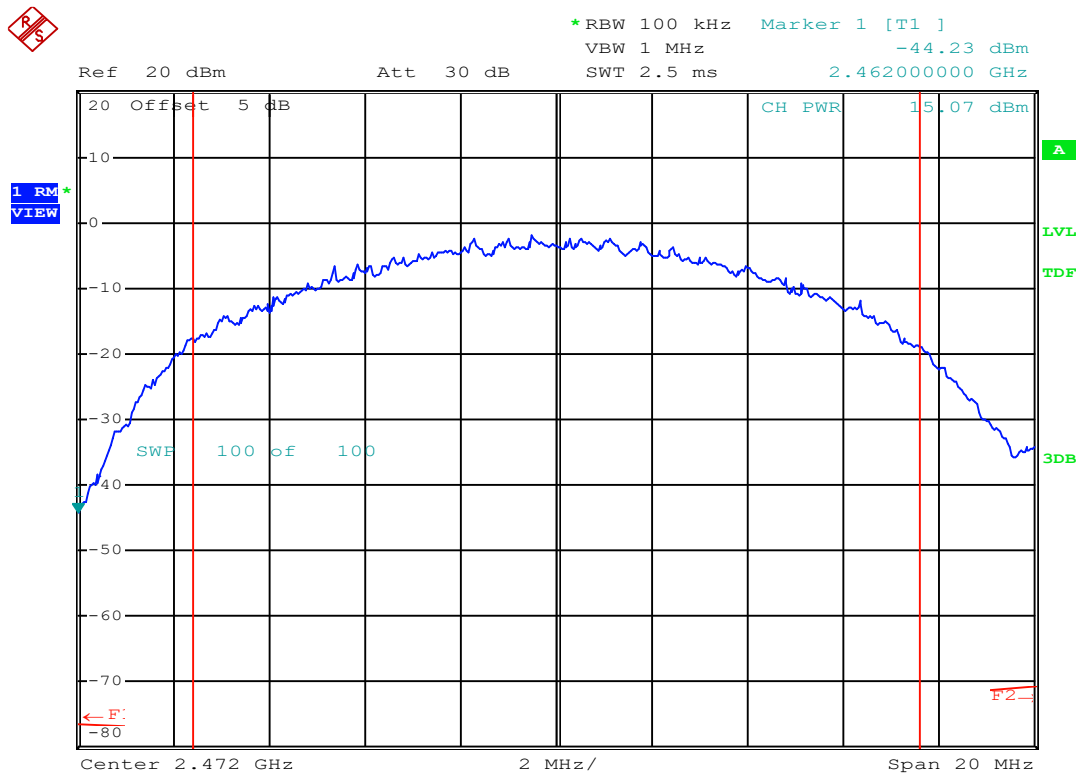
Mode: 802.11b

Channel Frequency: 2462 MHz

Modulation: **DSSS 5.5**

Measured Channel Power: 15.07 dBm

Conducted Power:



Date: 21.MAR.2024 13:26:56

Channel: 13

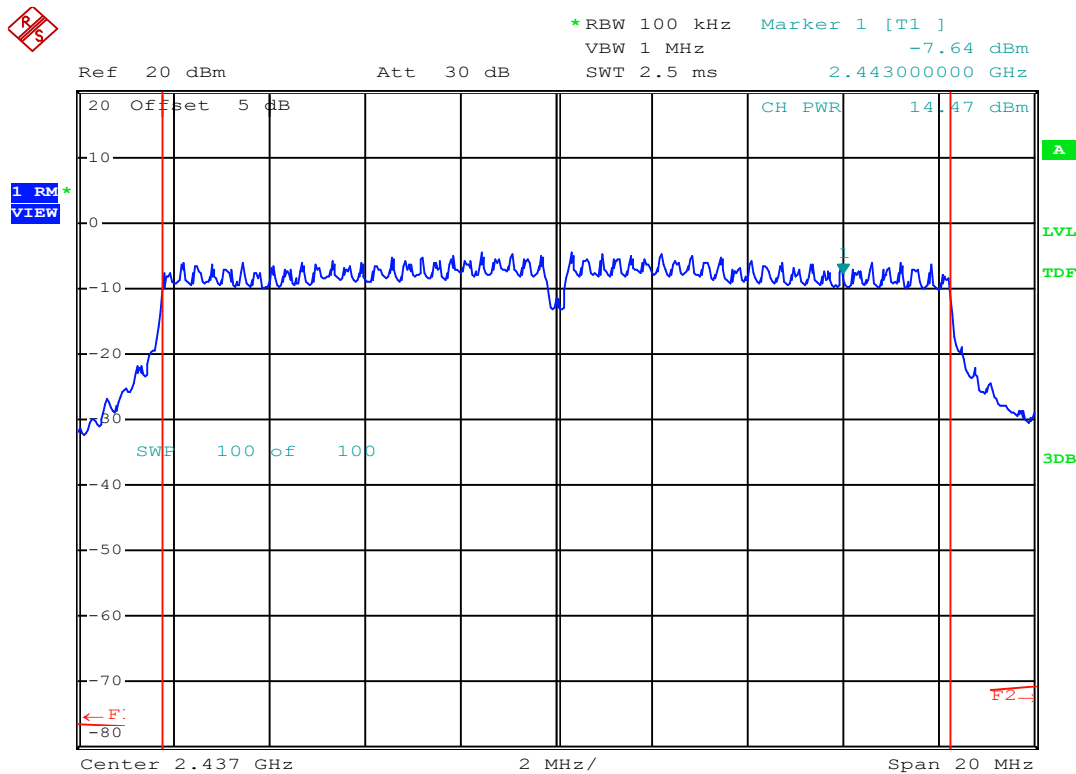
Mode: 802.11b

Channel Frequency: 2472 MHz

Modulation: **DSSS 5.5**

Measured Channel Power: 15.07 dBm

Conducted Power:



Date: 21.MAR.2024 12:52:47

Channel: 6

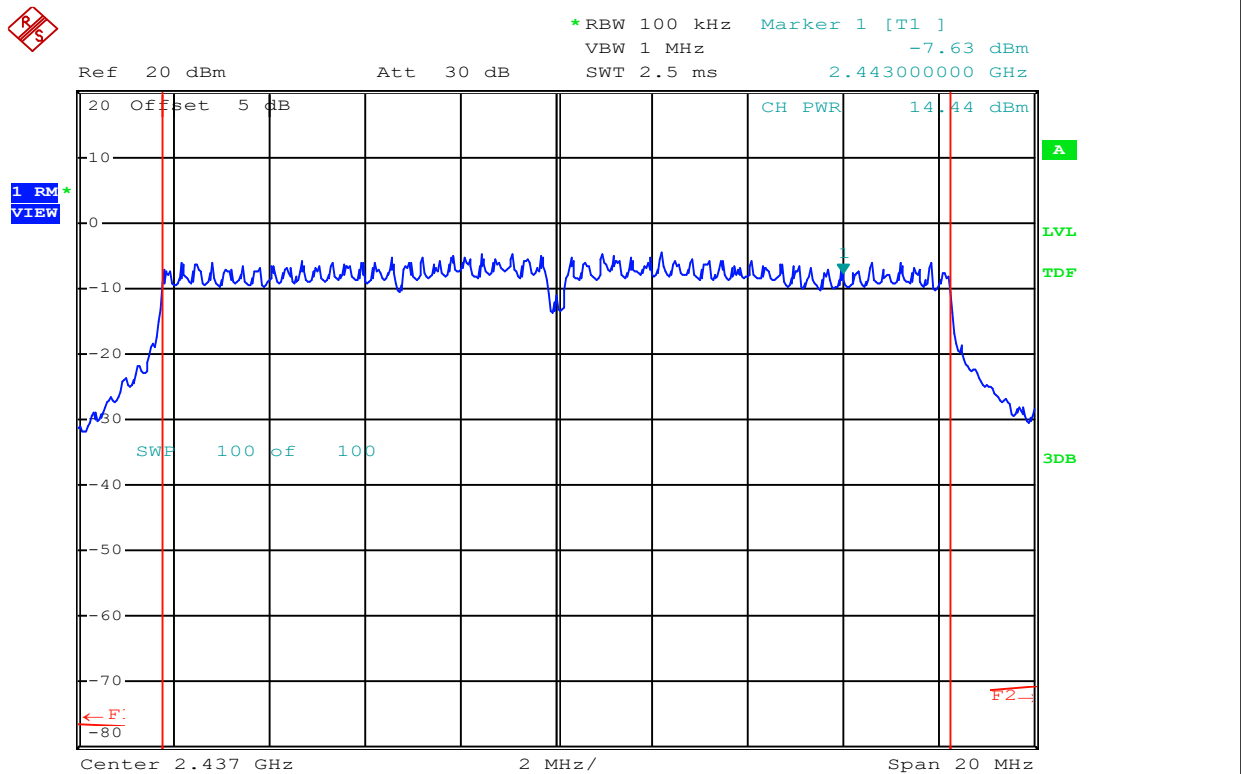
Mode: 802.11g

Channel Frequency: 2437 MHz

Modulation: OFDM6

Measured Channel Power: 14.14 dBm

Conducted Power:



Date: 21.MAR.2024 12:54:02

Channel: 6

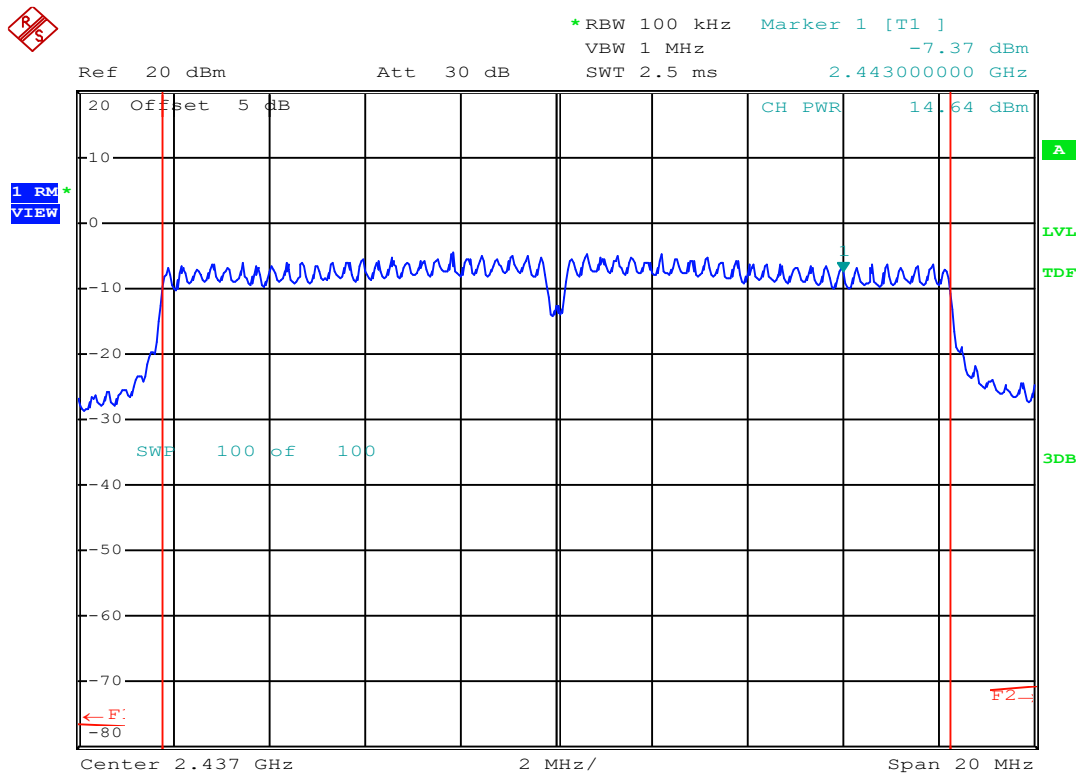
Mode: 802.11g

Channel Frequency: 2437 MHz

Modulation: OFDM9

Measured Channel Power: 14.64 dBm

Conducted Power:



Date: 21.MAR.2024 12:54:55

Channel: 6

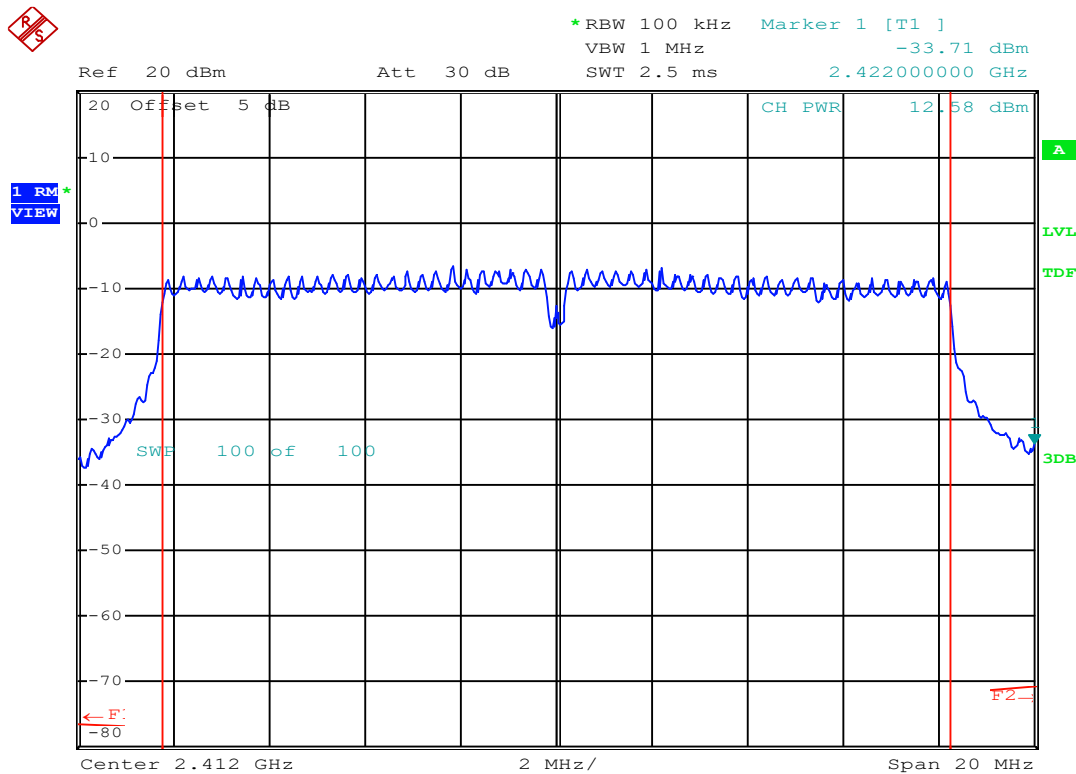
Mode: 802.11g

Channel Frequency: 2437 MHz

Modulation: OFDM12

Measured Channel Power: 14.64 dBm

Conducted Power:



Date: 21.MAR.2024 13:39:11

Channel: 1

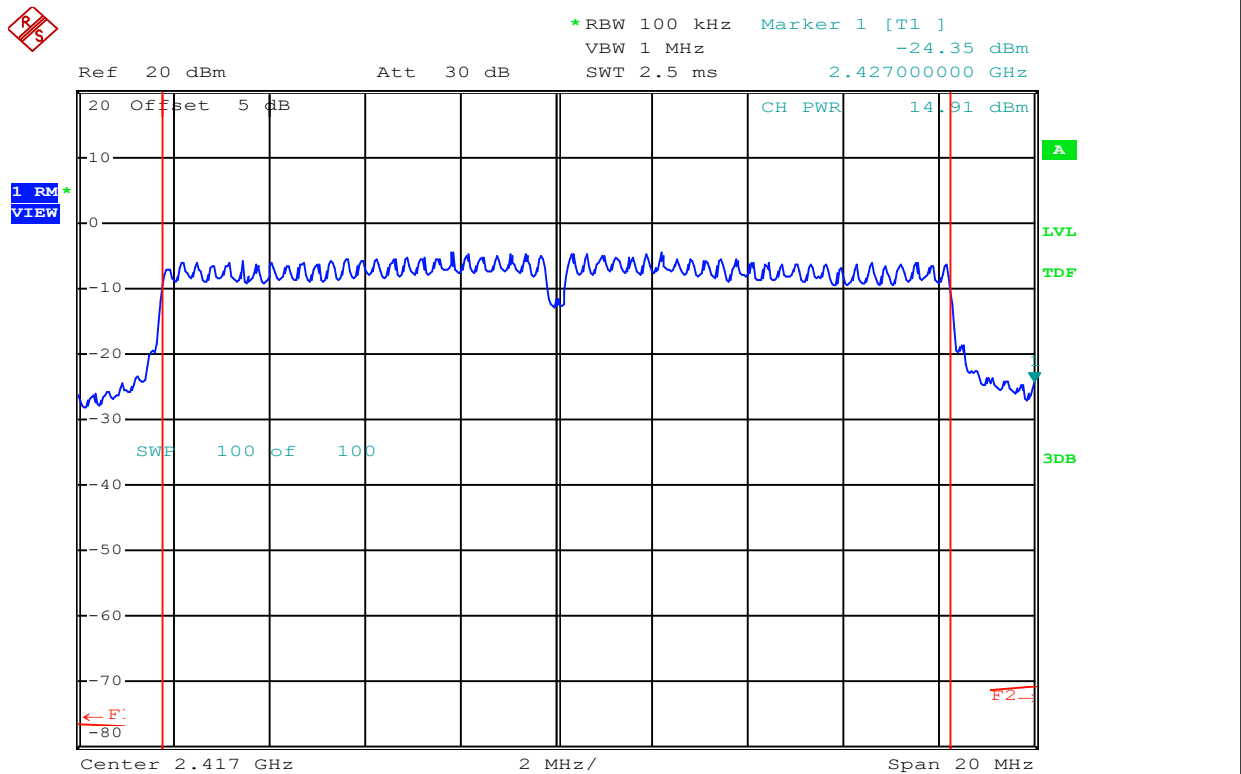
Mode: 802.11g

Channel Frequency: **2412** MHz

Modulation: OFDM12

Measured Channel Power: 12.58 dBm

Conducted Power:



Date: 21.MAR.2024 13:23:48

Channel: 2

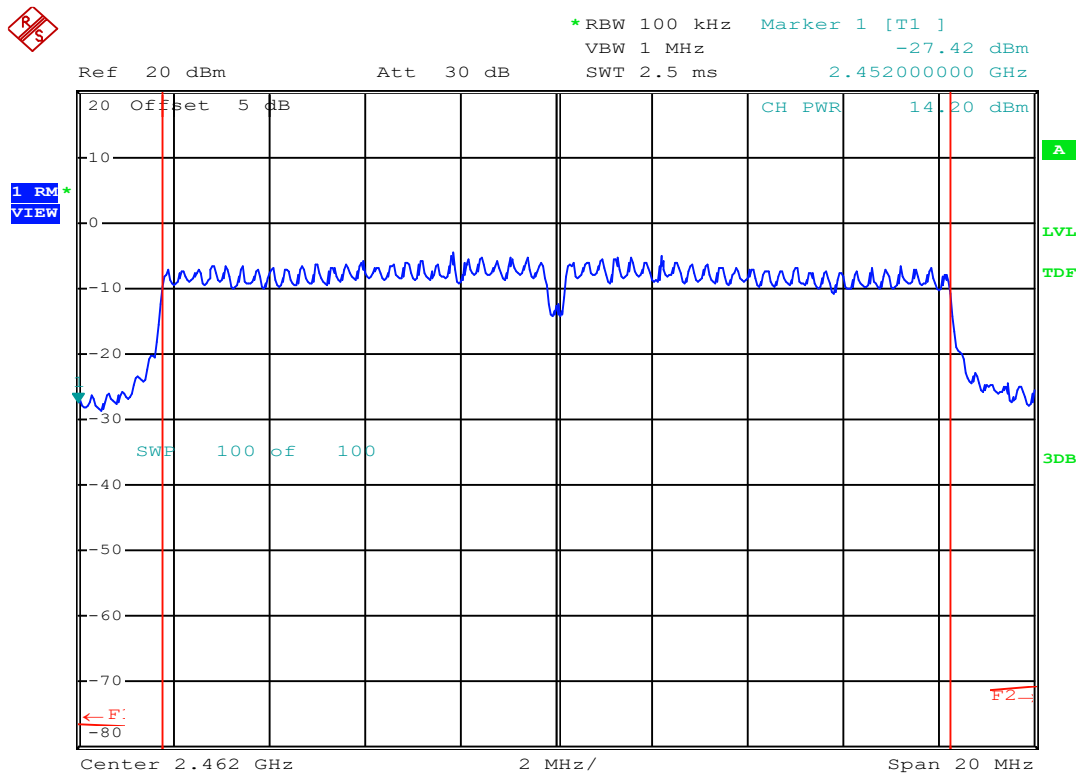
Mode: 802.11g

Channel Frequency: 2417 MHz

Modulation: OFDM12

Measured Channel Power: 14.91 dBm

Conducted Power:



Date: 21.MAR.2024 13:20:50

Channel: 11

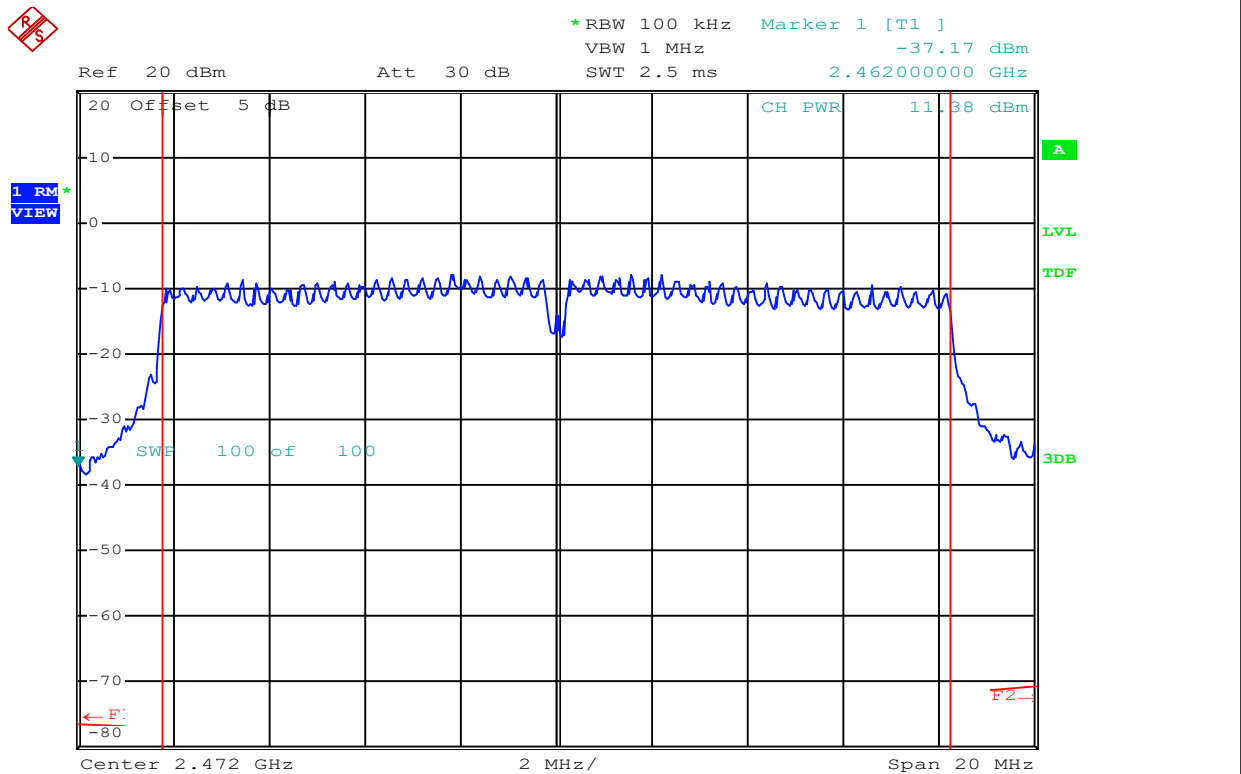
Mode: 802.11g

Channel Frequency: **2462** MHz

Modulation: OFDM12

Measured Channel Power: 14.2 dBm

Conducted Power:



Date: 21.MAR.2024 13:18:35

Channel: 13

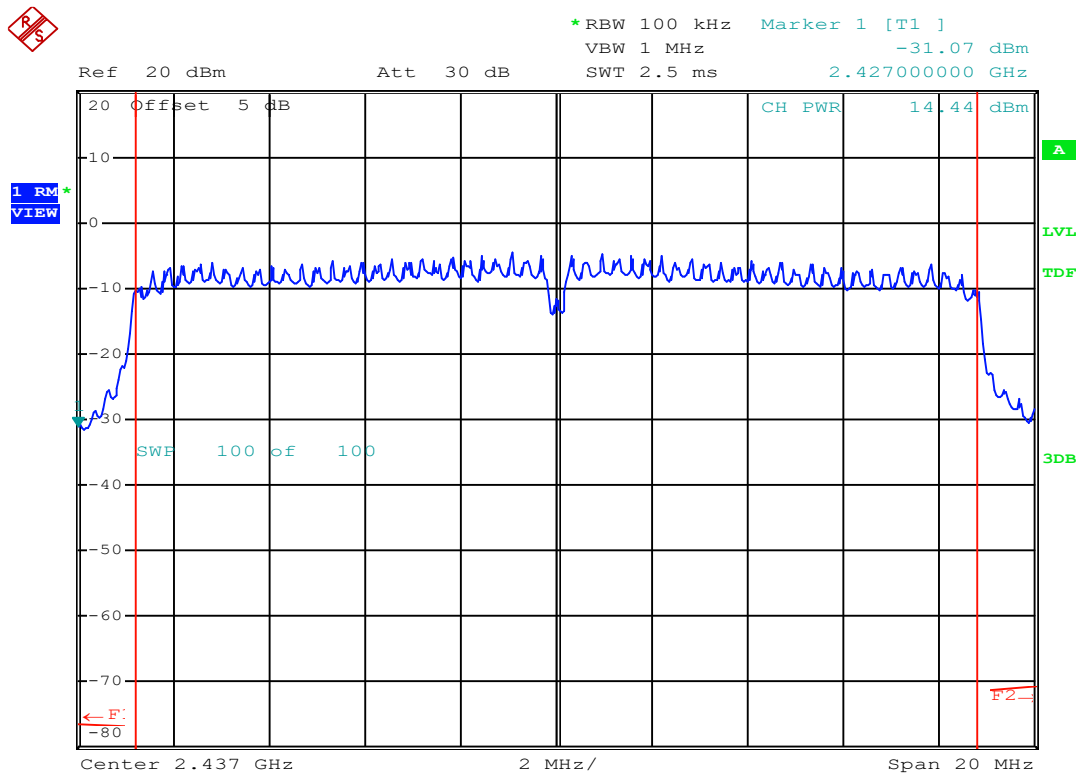
Mode: 802.11g

Channel Frequency: 2472 MHz

Modulation: OFDM12

Measured Channel Power: 11.38 dBm

Conducted Power:



Date: 21.MAR.2024 13:42:09

Channel: 6

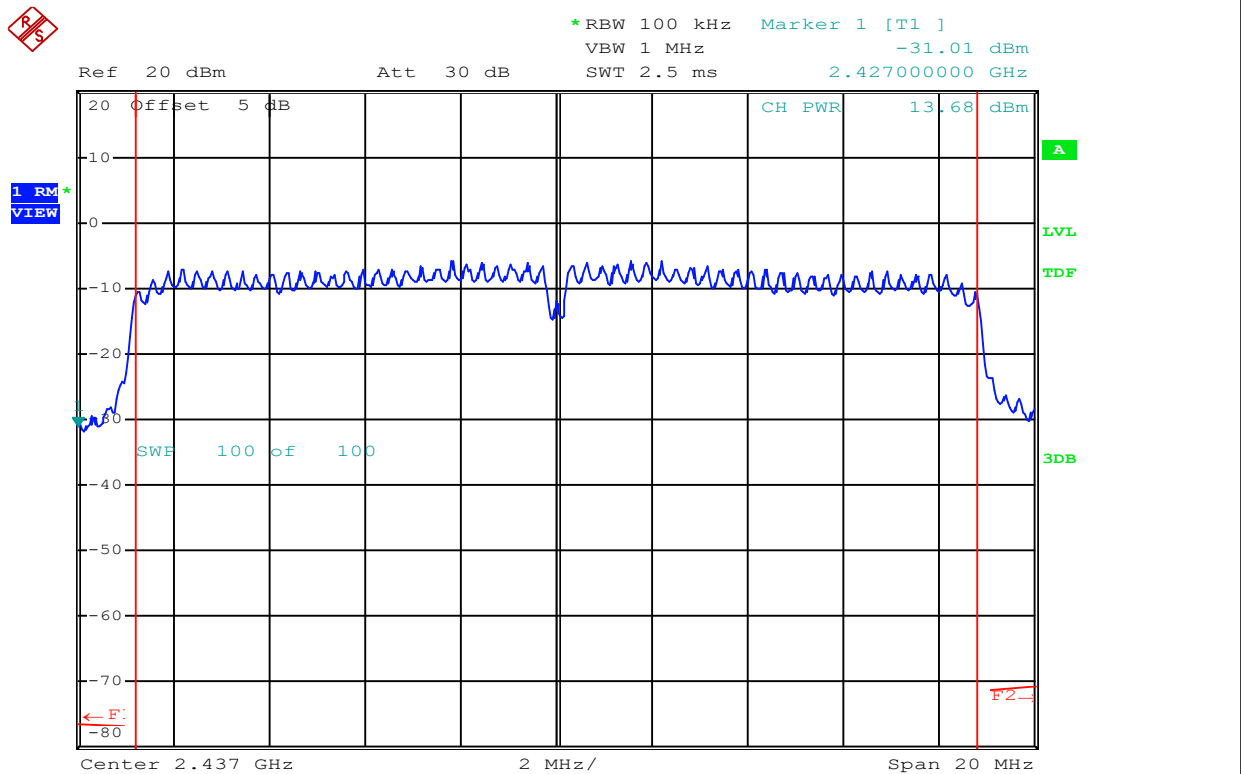
Mode: 802.11n

Channel Frequency: 2437 MHz

Modulation: MCS0

Measured Channel Power: 14.44 dBm

Conducted Power:



Date: 21.MAR.2024 13:43:07

Channel: 6

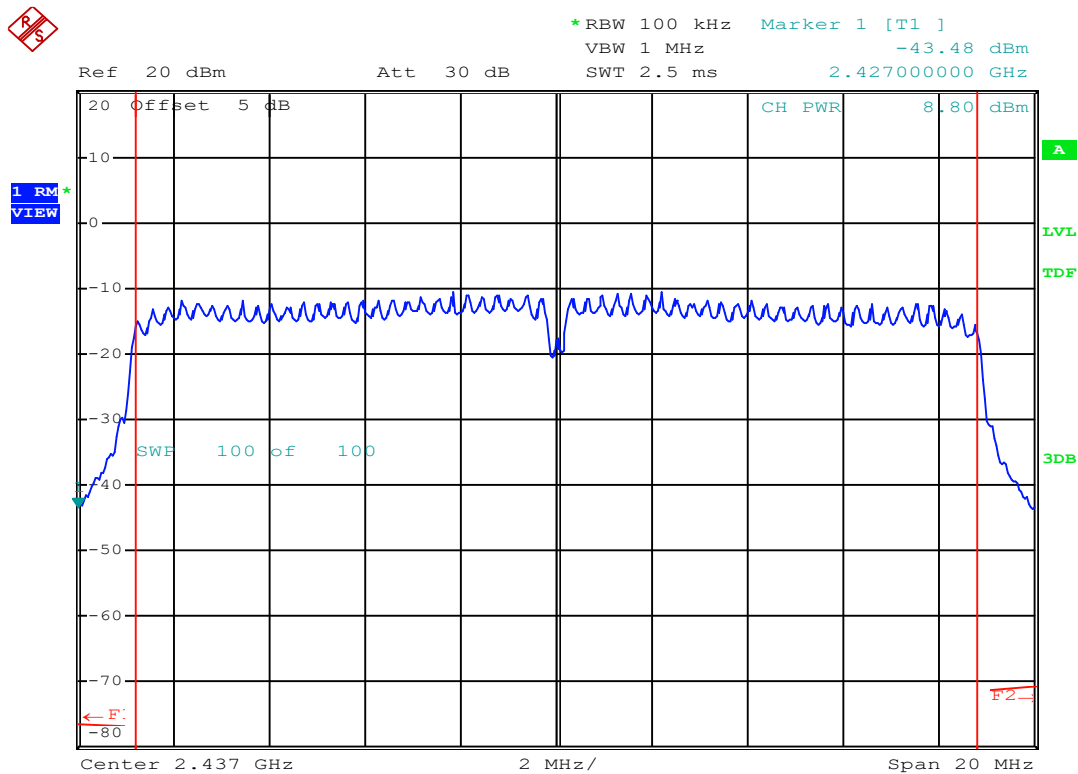
Mode: 802.11n

Channel Frequency: 2437 MHz

Modulation: MCS3

Measured Channel Power: 13.68 dBm

Conducted Power:



Date: 21.MAR.2024 13:44:16

Channel: 6

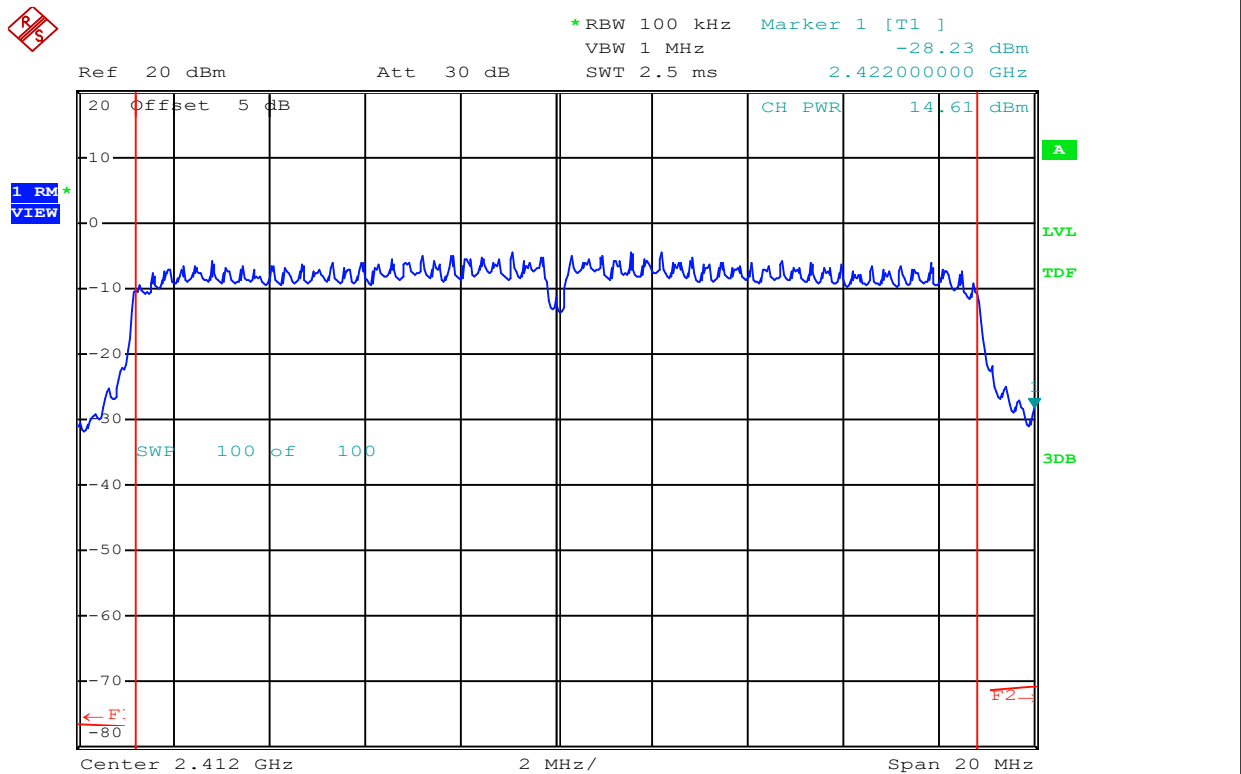
Mode: 802.11n

Channel Frequency: 2437 MHz

Modulation: MCS7

Measured Channel Power: 8.8 dBm

Conducted Power:



Date: 21.MAR.2024 13:56:49

Channel: 1

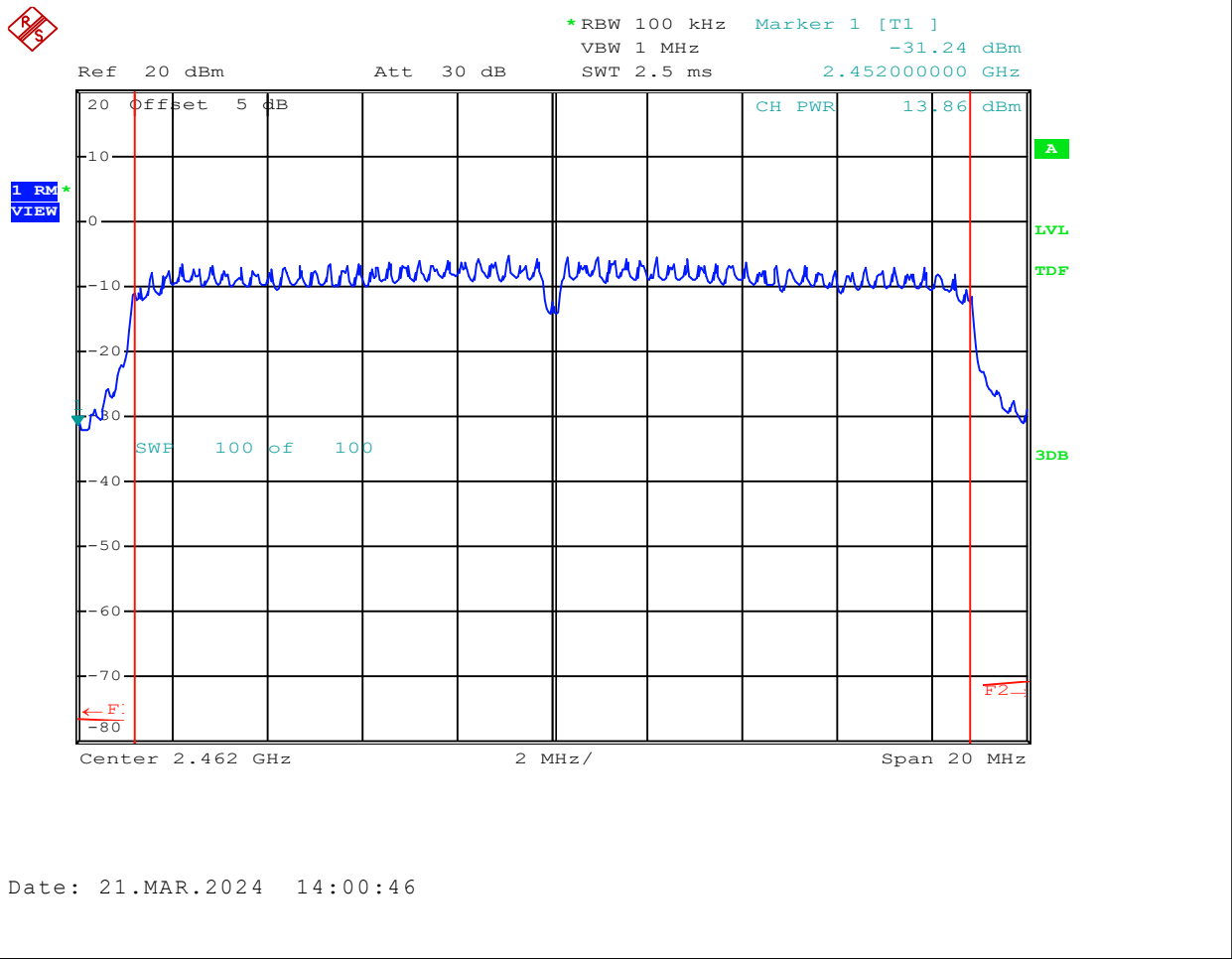
Mode: 802.11n

Channel Frequency: 2412 MHz

Modulation: MCS0

Measured Channel Power: 14.61 dBm

Conducted Power:



Channel: 11

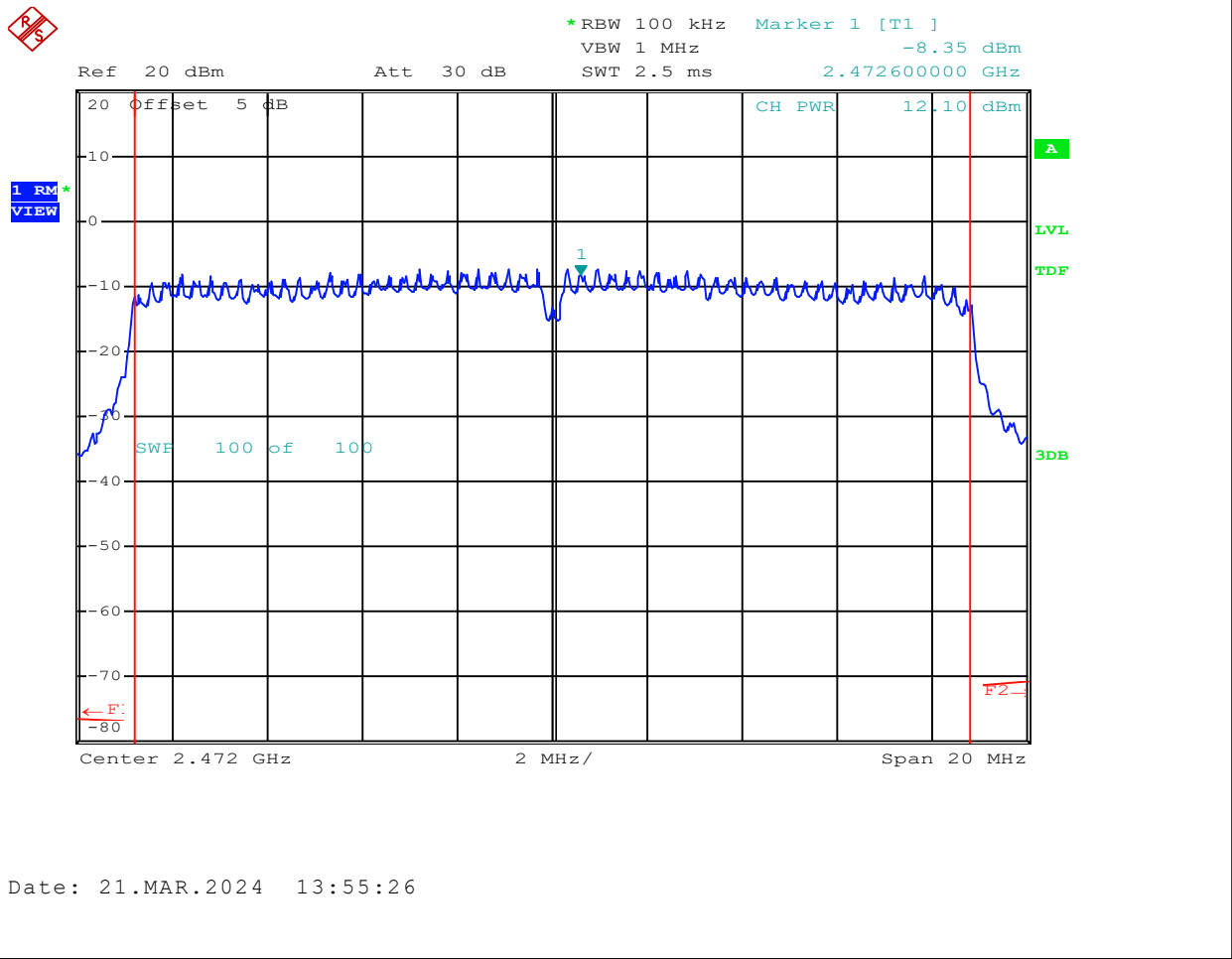
Mode: 802.11n

Channel Frequency: 2462 MHz

Modulation: MCS0

Measured Channel Power: 13.86 dBm

Conducted Power:



Date: 21.MAR.2024 13:55:26

Channel: 13

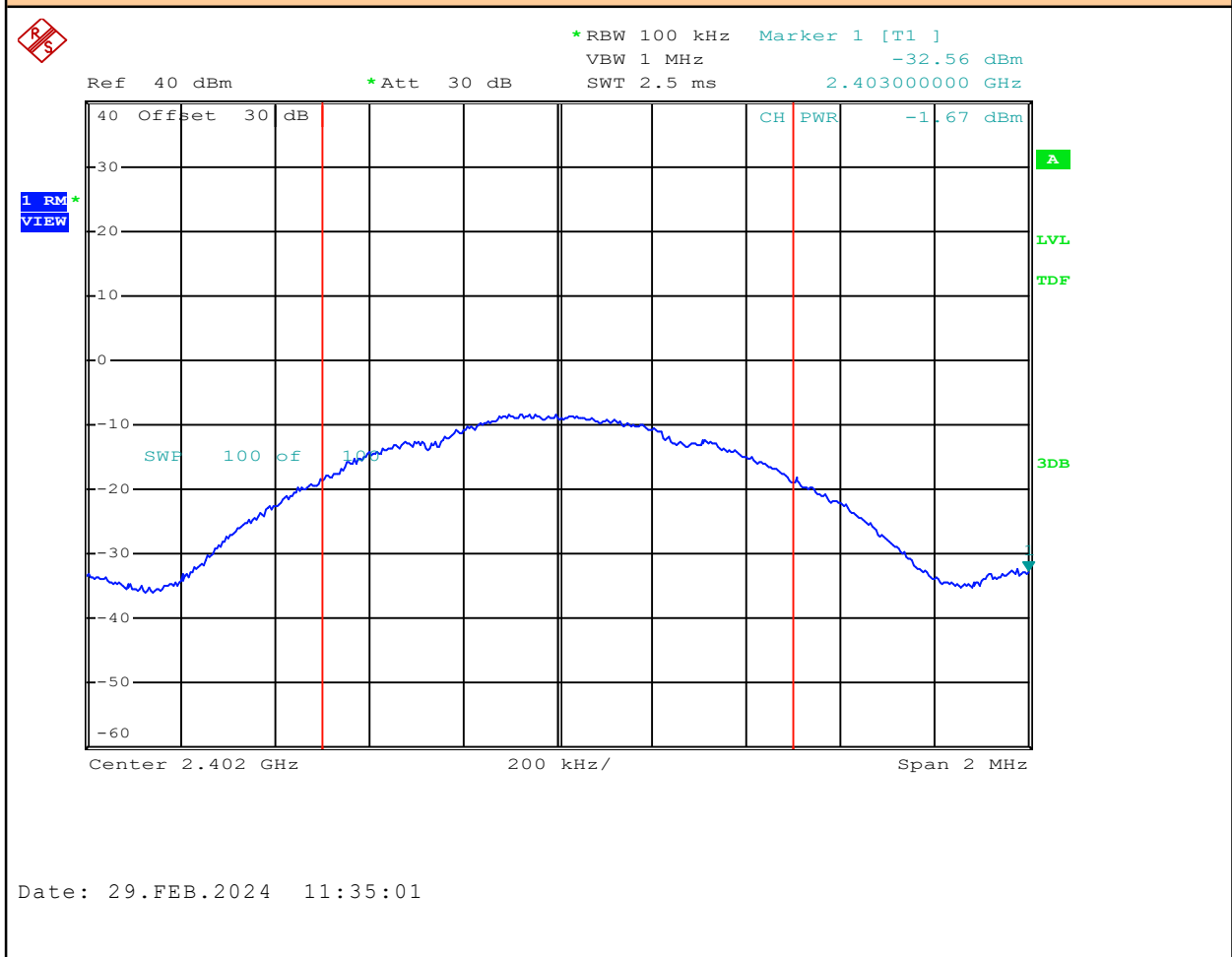
Mode:	802.11n
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Channel Frequency: 2472 MHz

Modulation: MCS0

Measured Channel Power: 12.1 dBm

Conducted Power:



Channel: 37

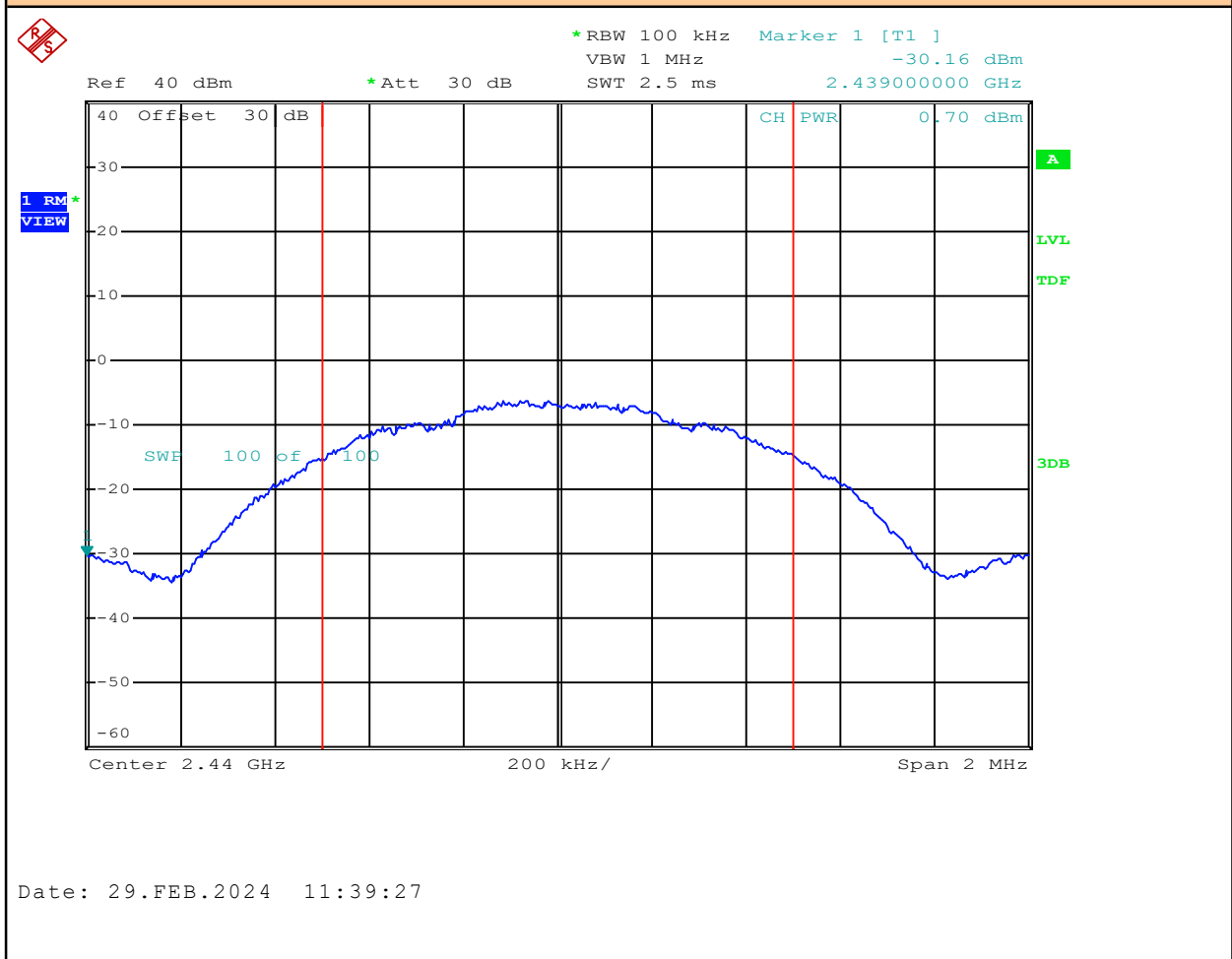
Mode: BLE 1mb

Channel Frequency: 2402 MHz

Modulation: **GMSK**

Measured Channel Power: -1.67 dBm

Conducted Power:



Channel: 17

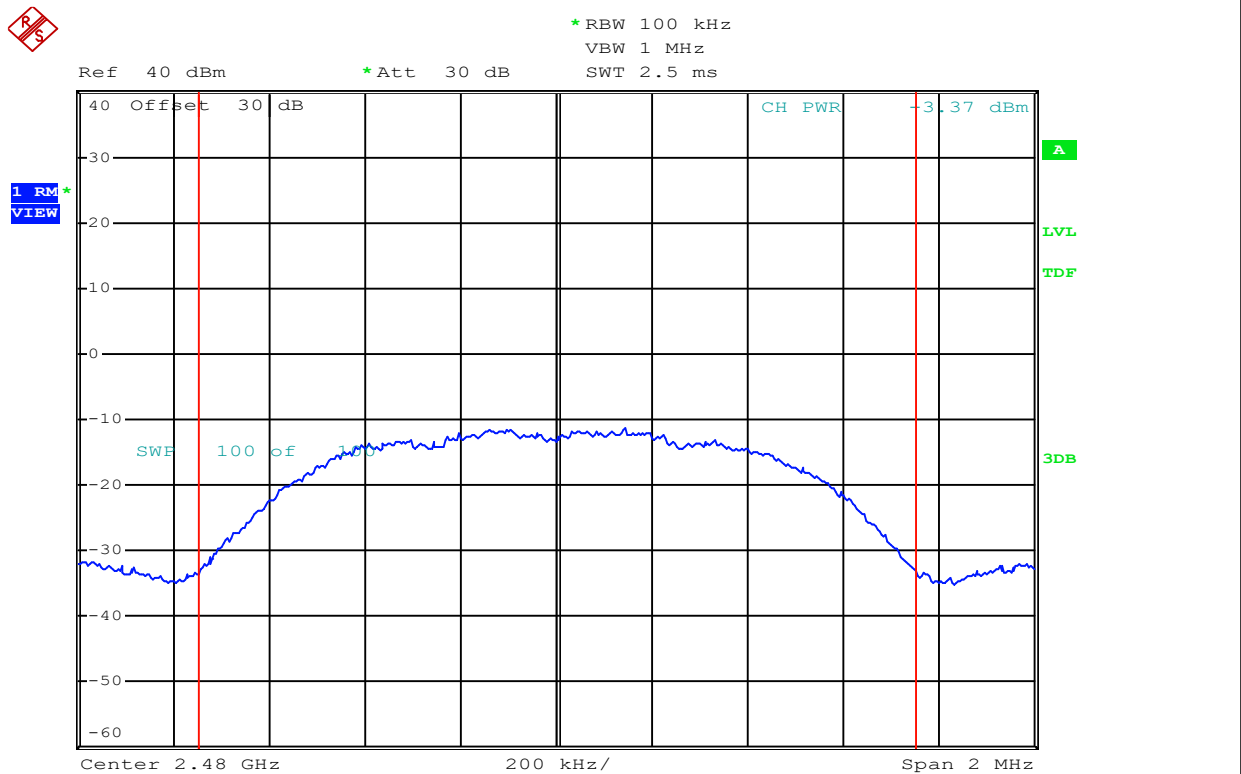
Mode: BLE 1mb

Channel Frequency: 2440 MHz

Modulation: **GMSK**

Measured Channel Power: 0.7 dBm

Conducted Power:



Date: 29.FEB.2024 13:17:16

Channel: 39

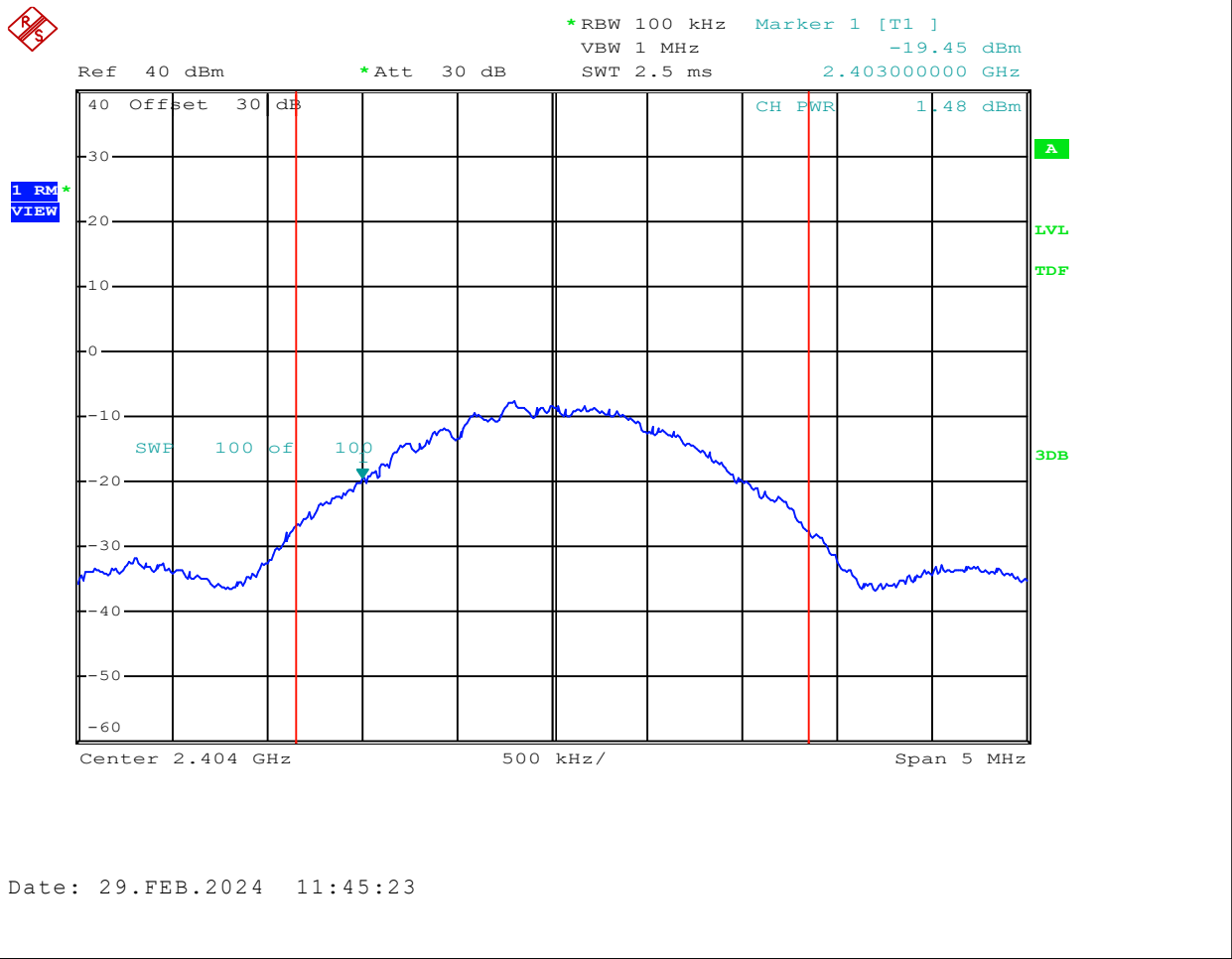
Mode: BLE 1mb

Channel Frequency: 2480 MHz

Modulation: **GMSK**

Measured Channel Power: -3.37 dBm

Conducted Power:



Date: 29.FEB.2024 11:45:23

Channel: 1

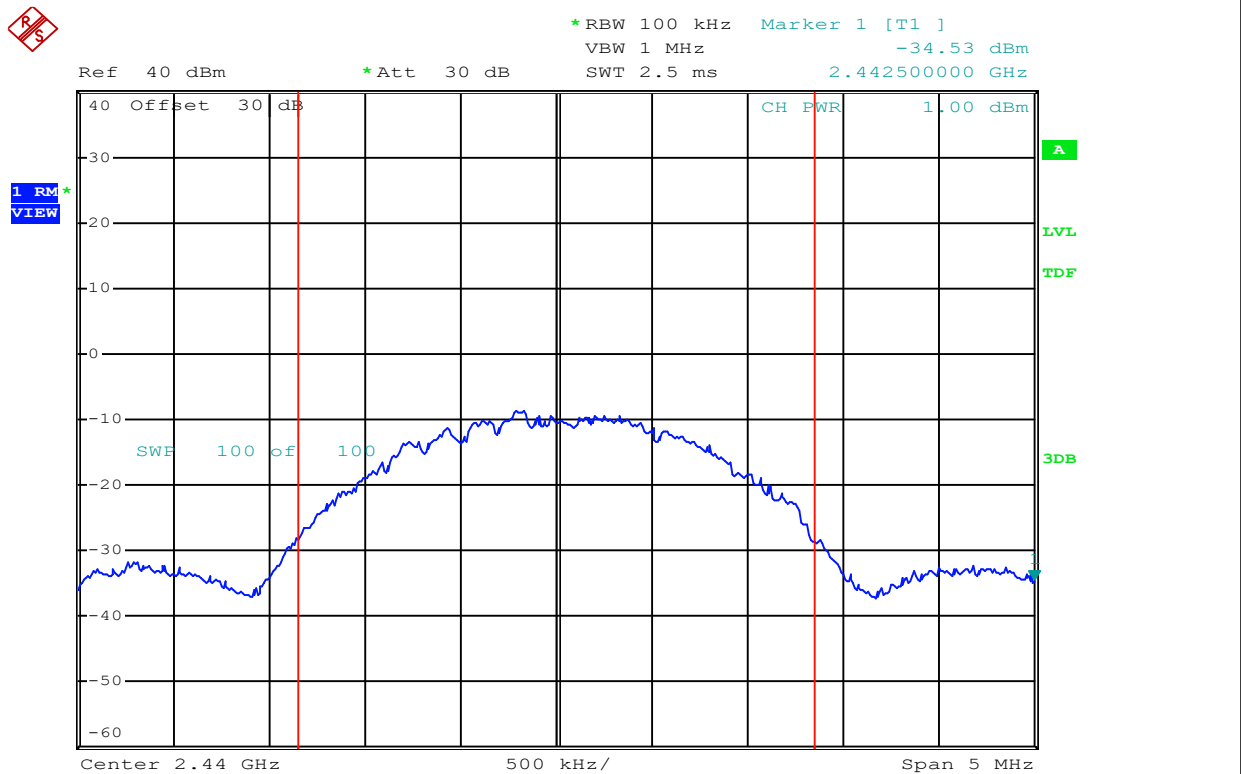
Mode: BLE 2mb

Channel Frequency: 2404 MHz

Modulation: **GMSK**

Measured Channel Power: 1.48 dBm

Conducted Power:



Date: 29.FEB.2024 11:46:49

Channel: 17

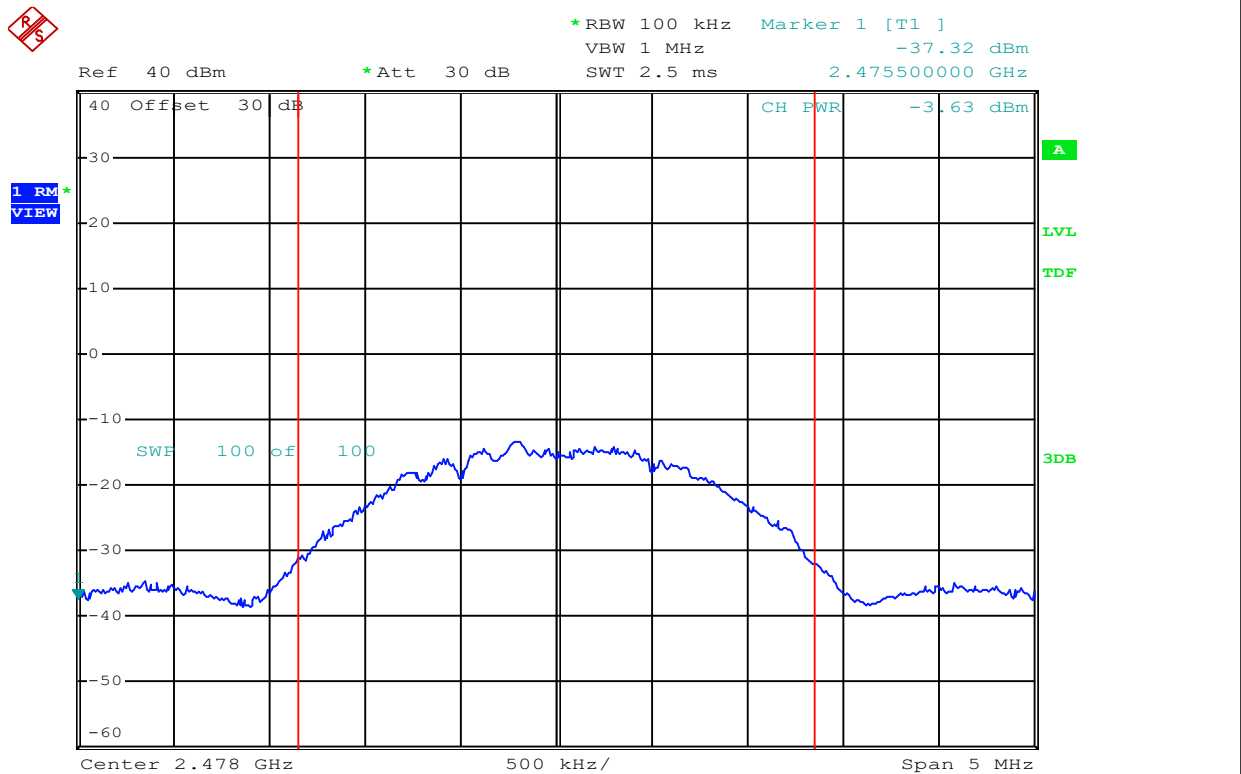
Mode: BLE 2mb

Channel Frequency: 2440 MHz

Modulation: **GMSK**

Measured Channel Power: 1.00 dBm

Conducted Power:



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

Channel: 36

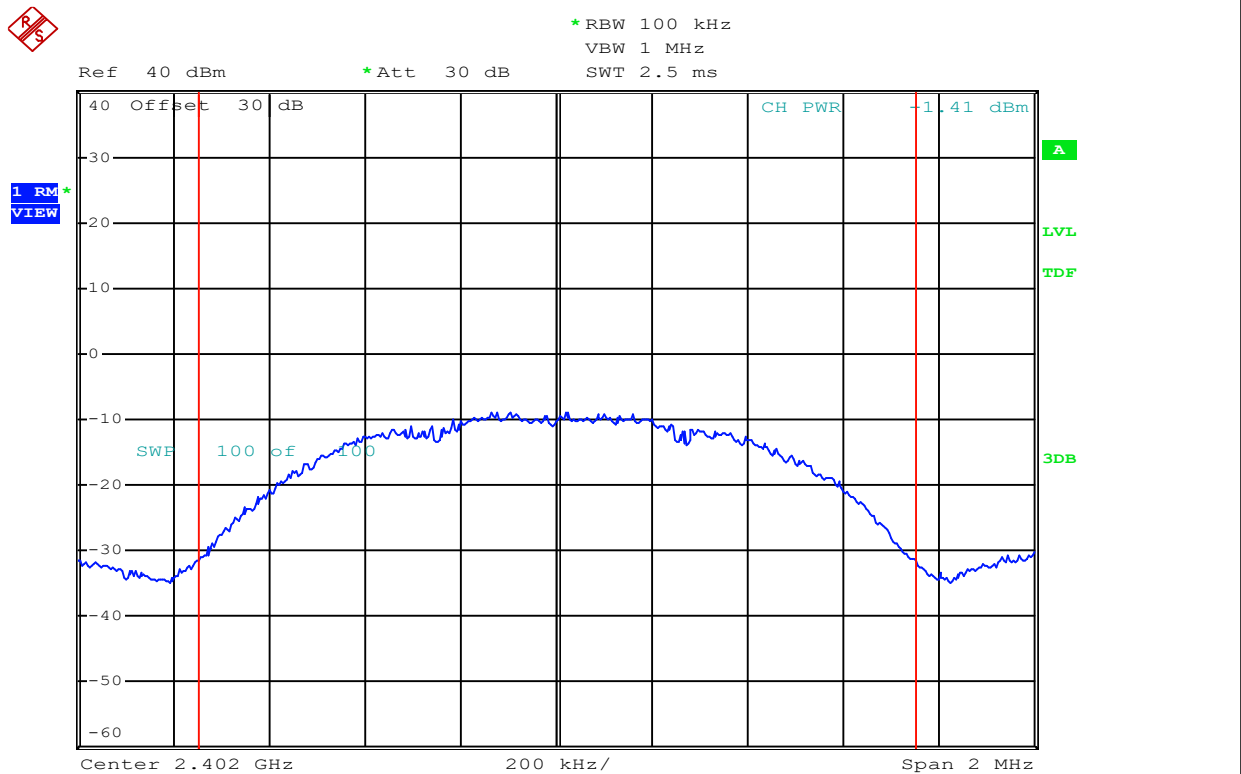
Mode: BLE 2mb

Channel Frequency: 2478 MHz

Modulation: **GMSK**

Measured Channel Power: **-3.63** dBm

Conducted Power:



Date: 29.FEB.2024 11:52:32

2

ANT

2402

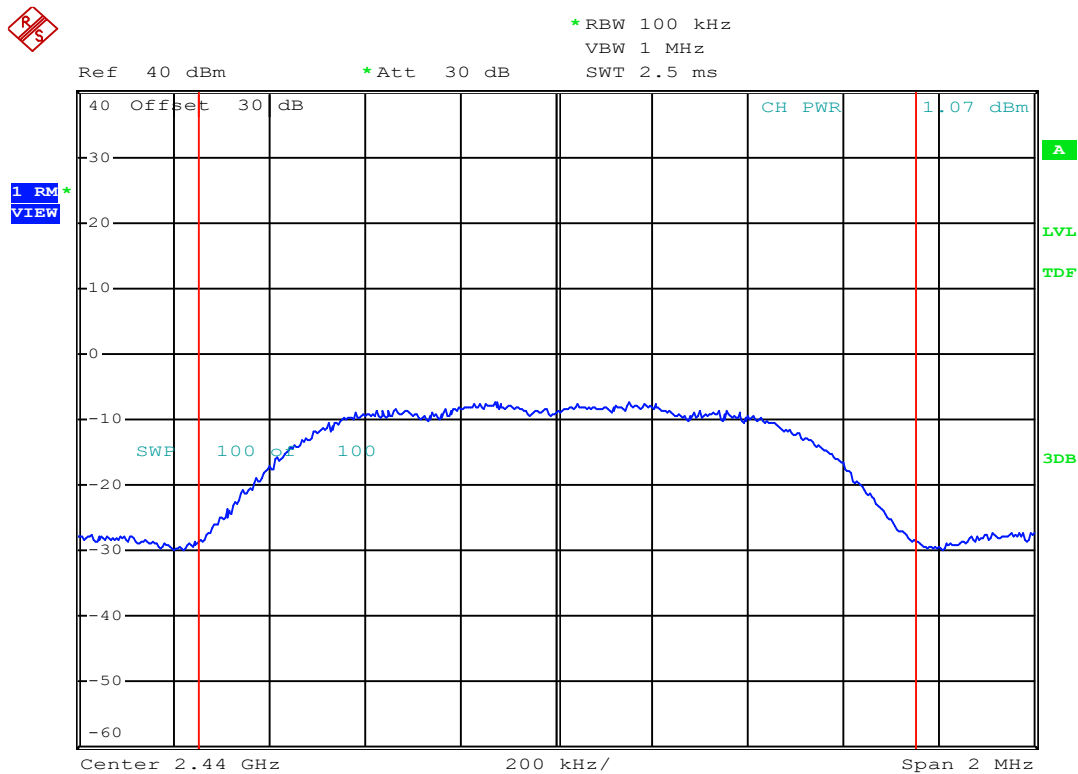
MHz

GFSK

-1.41

dBm

Conducted Power:



Date: 29.FEB.2024 11:53:47

Channel: 40

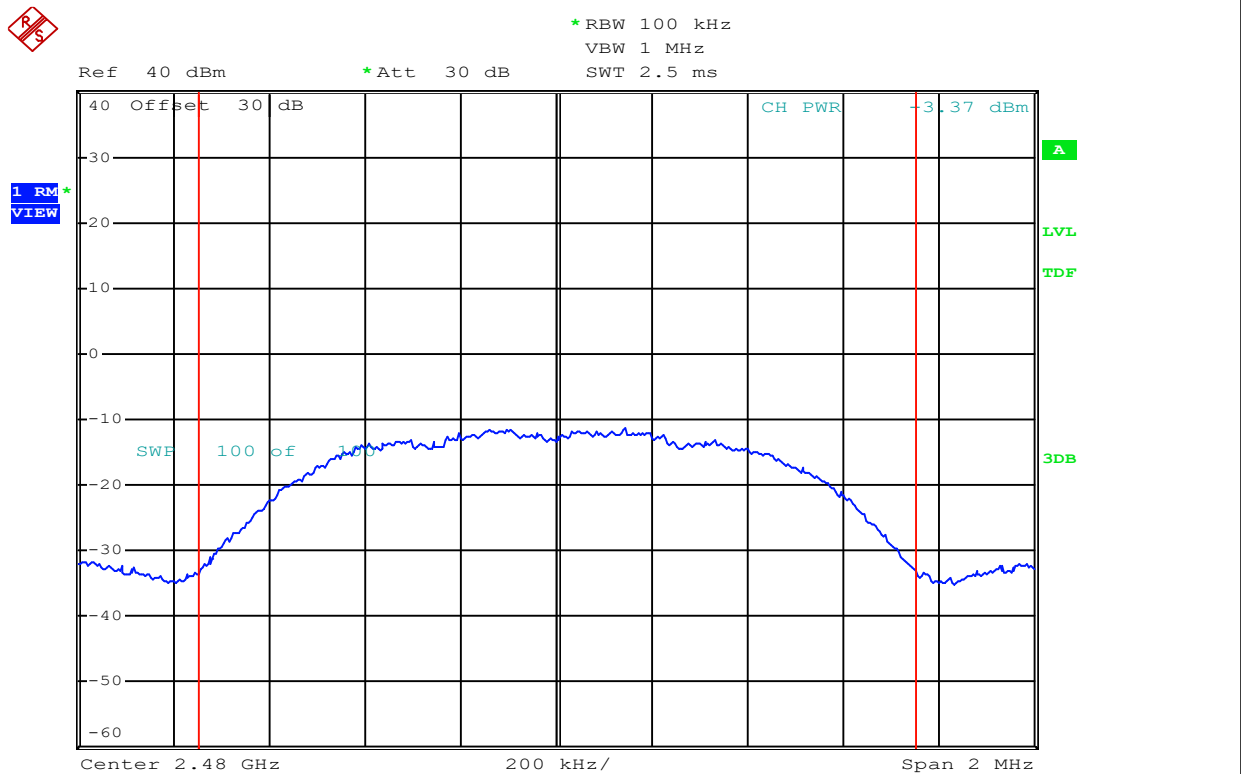
Mode: ANT

Channel Frequency: 2440 MHz

Modulation: **GFSK**

Measured Channel Power: 1.07 dBm

Conducted Power:



Date: 29.FEB.2024 13:17:16

Channel: 80

Mode: ANT

Channel Frequency: 2480 MHz

Modulation: **GFSK**

Measured Channel Power: -3.37 dBm

Conducted Power Measurement Results: DSS

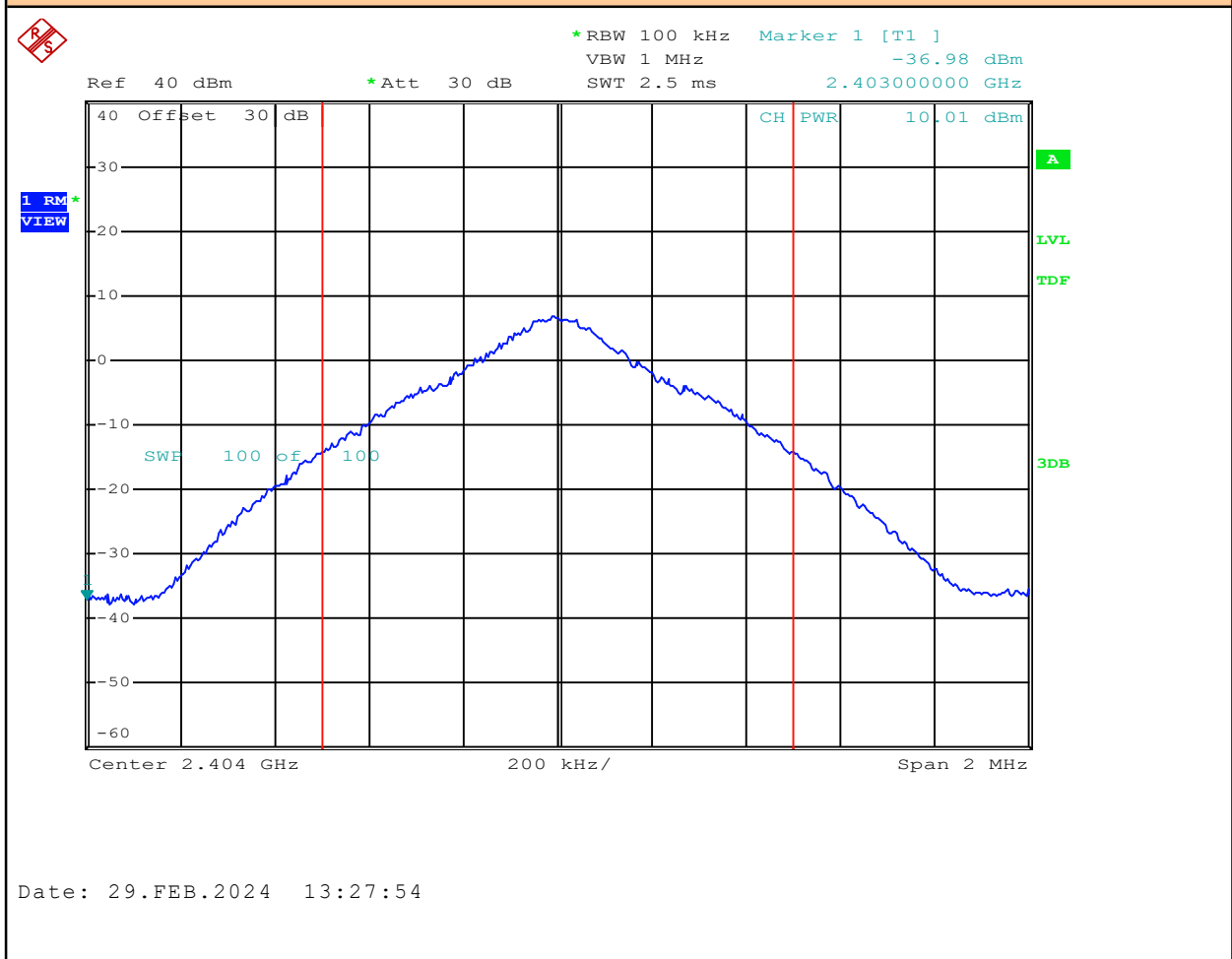
Channel Number	Channel Frequency (MHz)	Mode	Modulation	Rated Power (EIRP)	Measured Power [P _{Meas}] (dBm)	Limit [P _{Lim}] (dBm)	Conducted Margin (dB)	Antenna Gain [G] (dBi)	EIRP [E _{Meas}] (dBm)	EIRP Limit [E _{Lim}] (dBm)	EIRP Margin (dB)
2	2404.00	BT BR	GFSK	6.2	10.00	30	20.0	-3.8	6.2	36	29.8
38	2440.00				9.91		20.1		6.1		29.9
78	2480.00				8.93		21.1		5.1		30.9
2	2404.00	BT 2EDR	Pi/4-DQPSK		9.16		20.8		5.4		30.6
38	2440.00				9.30		20.7		5.5		30.5
78	2480.00				8.26		21.7		4.5		31.5
2	2404.00	BT 3EDR	8-DPSK		9.17		20.8		5.4		30.6
38	2440.00				9.12		20.9		5.3		30.7
78	2480.00				8.10		21.9		4.3		31.7
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:



Channel: 2

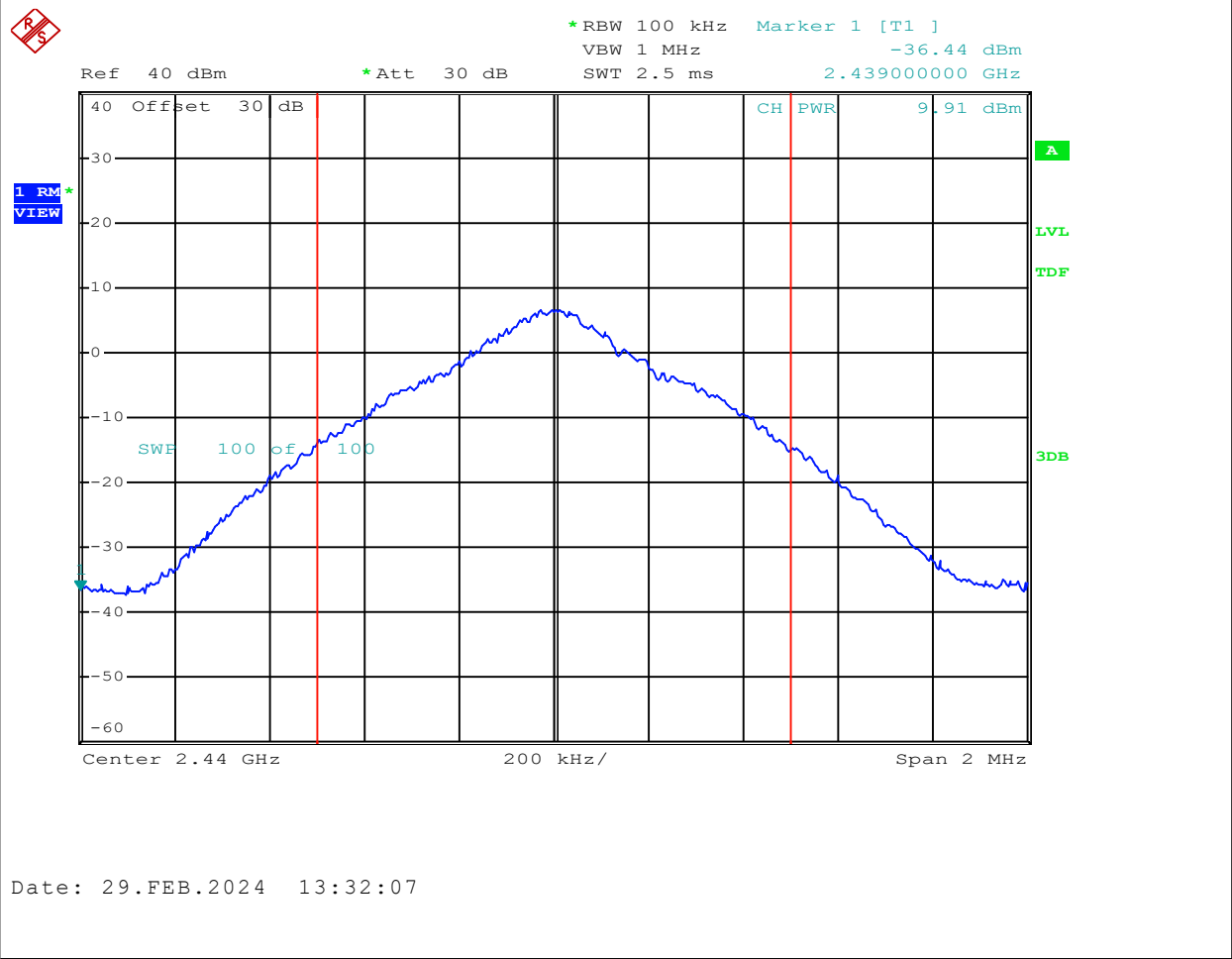
Mode: BT BR

Channel Frequency: 2404 MHz

Modulation:	GFSK
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Measured Channel Power: 10.01 dBm

Conducted Power:



Channel: 38

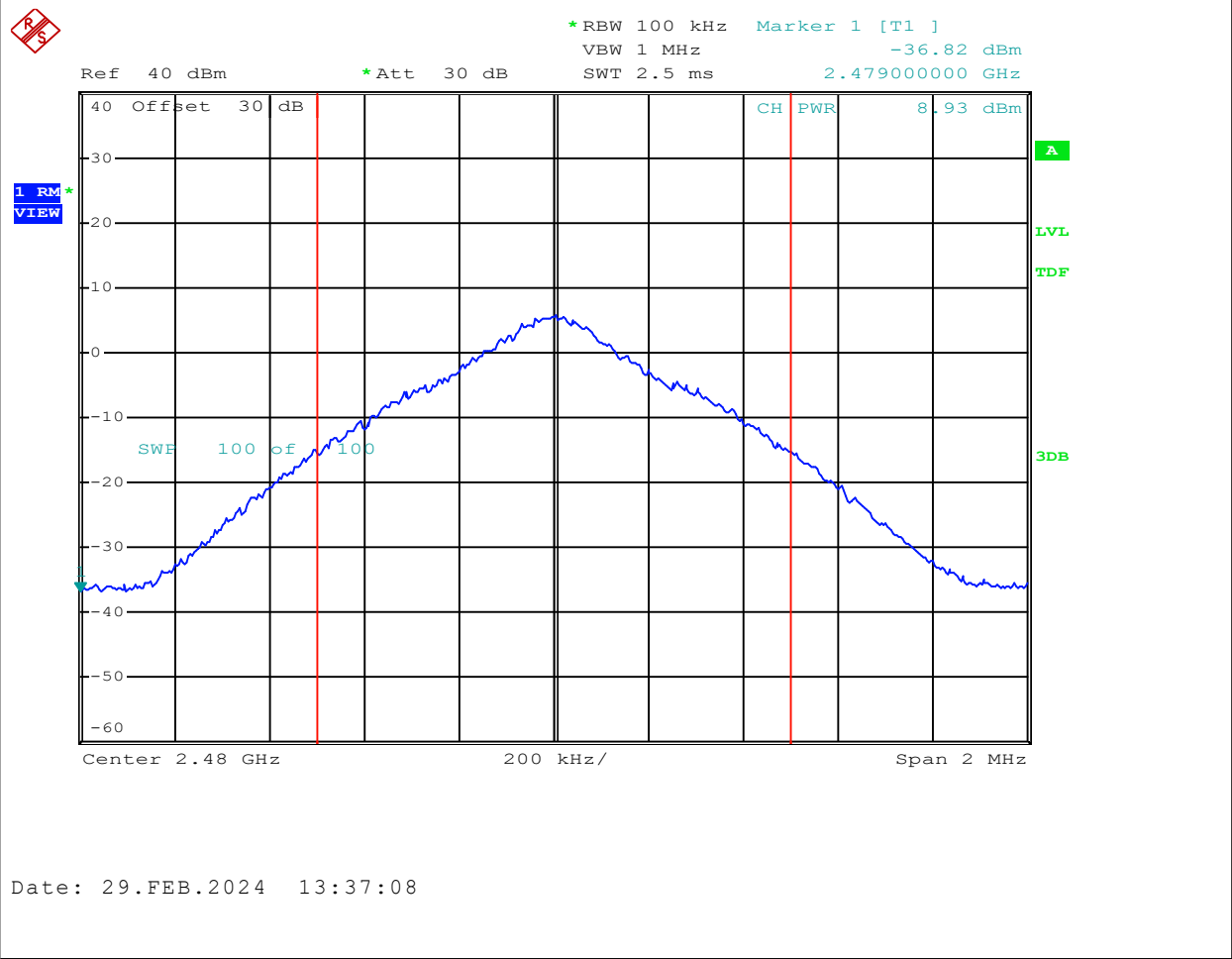
Mode: BT BR

Channel Frequency: **2440** MHz

Modulation: **GFSK**

Measured Channel Power: 9.91 dBm

Conducted Power:



Channel: 78

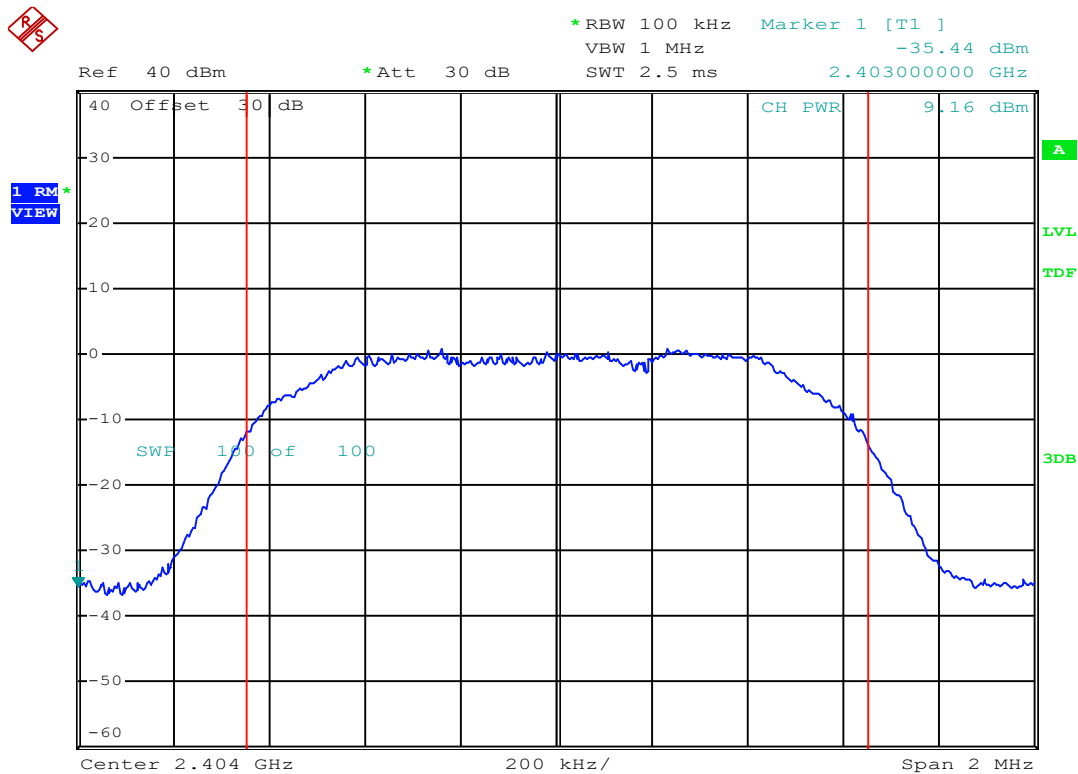
Mode: BT BR

Channel Frequency: 2480 MHz

Modulation: **GFSK**

Measured Channel Power: **8.93** dBm

Conducted Power:



Date: 29.FEB.2024 13:41:18

Channel: 2

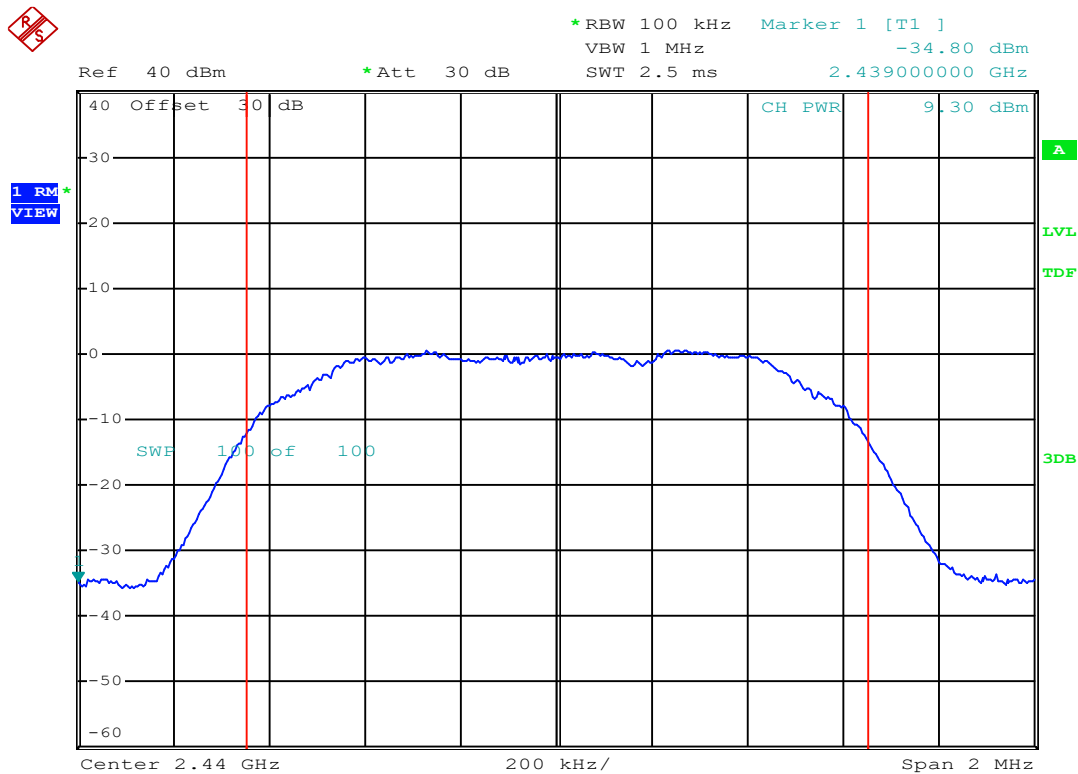
Mode: BT 2EDR

Channel Frequency: 2404 MHz

Modulation: **Pi/4-DQPSK**

Measured Channel Power: 9.16 dBm

Conducted Power:



Date: 29.FEB.2024 13:47:40

Channel: 38

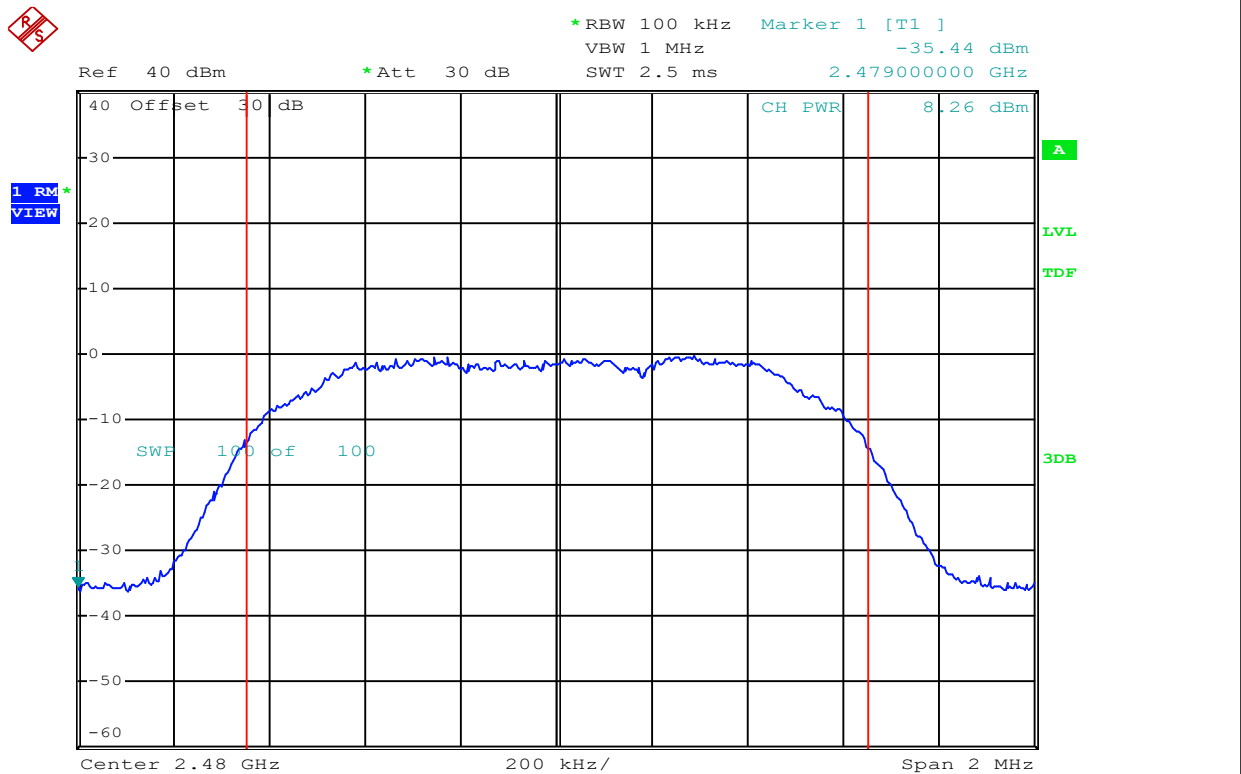
Mode: BT 2EDR

Channel Frequency: 2440 MHz

Modulation: **Pi/4-DQPSK**

Measured Channel Power: 9.3 dBm

Conducted Power:



Date: 29.FEB.2024 13:53:31

Channel: 78

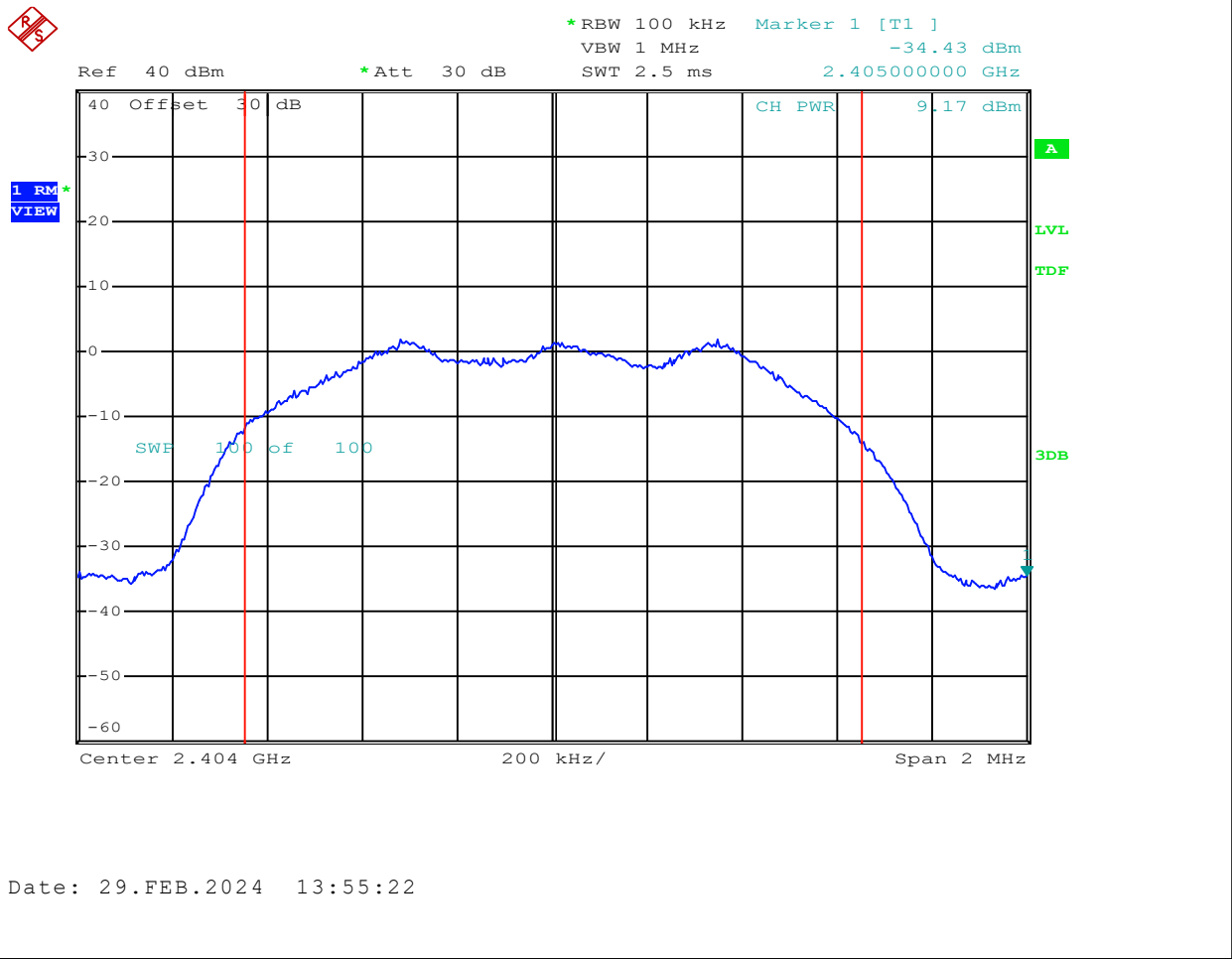
Mode: BT 2EDR

Channel Frequency: 2480 MHz

Modulation: **Pi/4-DQPSK**

Measured Channel Power: 8.26 dBm

Conducted Power:



Date: 29.FEB.2024 13:55:22

Channel: 2

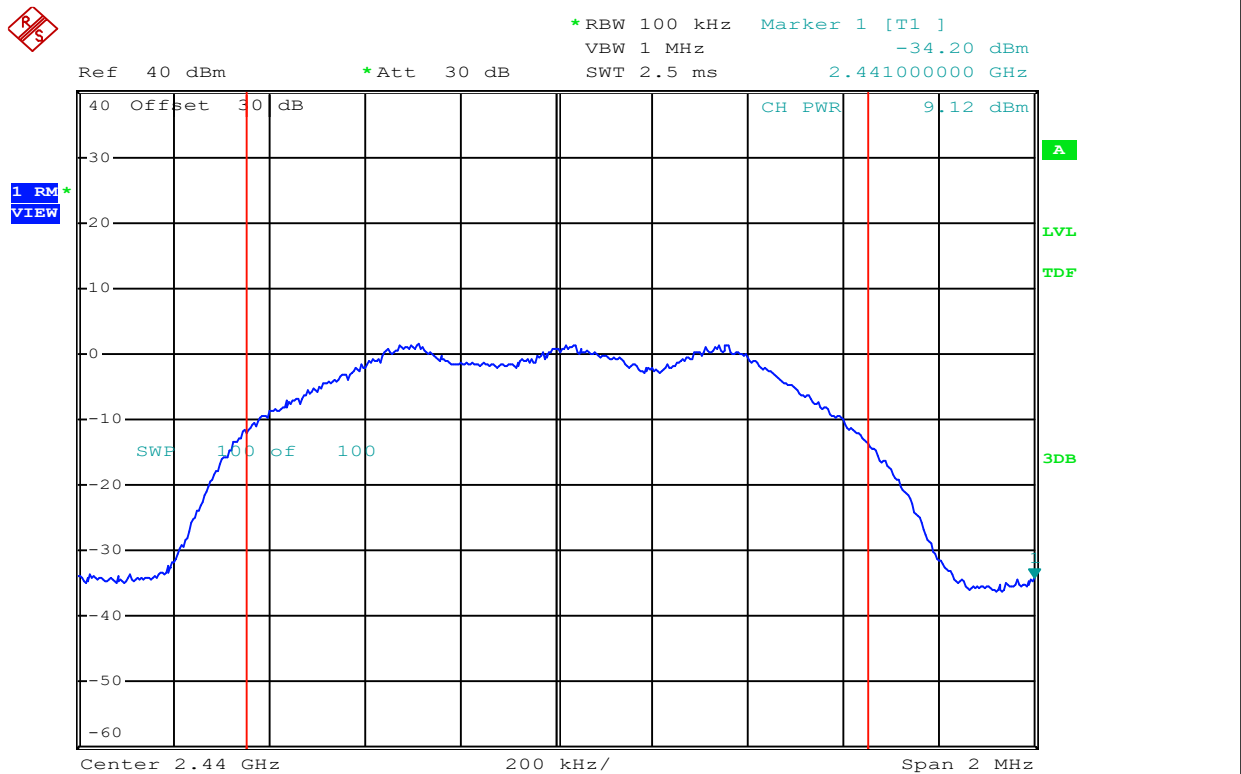
Mode: BT 3EDR

Channel Frequency: 2404 MHz

Modulation:	8-DPSK
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Measured Channel Power: **9.17** dBm

Conducted Power:



Date: 29.FEB.2024 13:59:22

Channel: 38

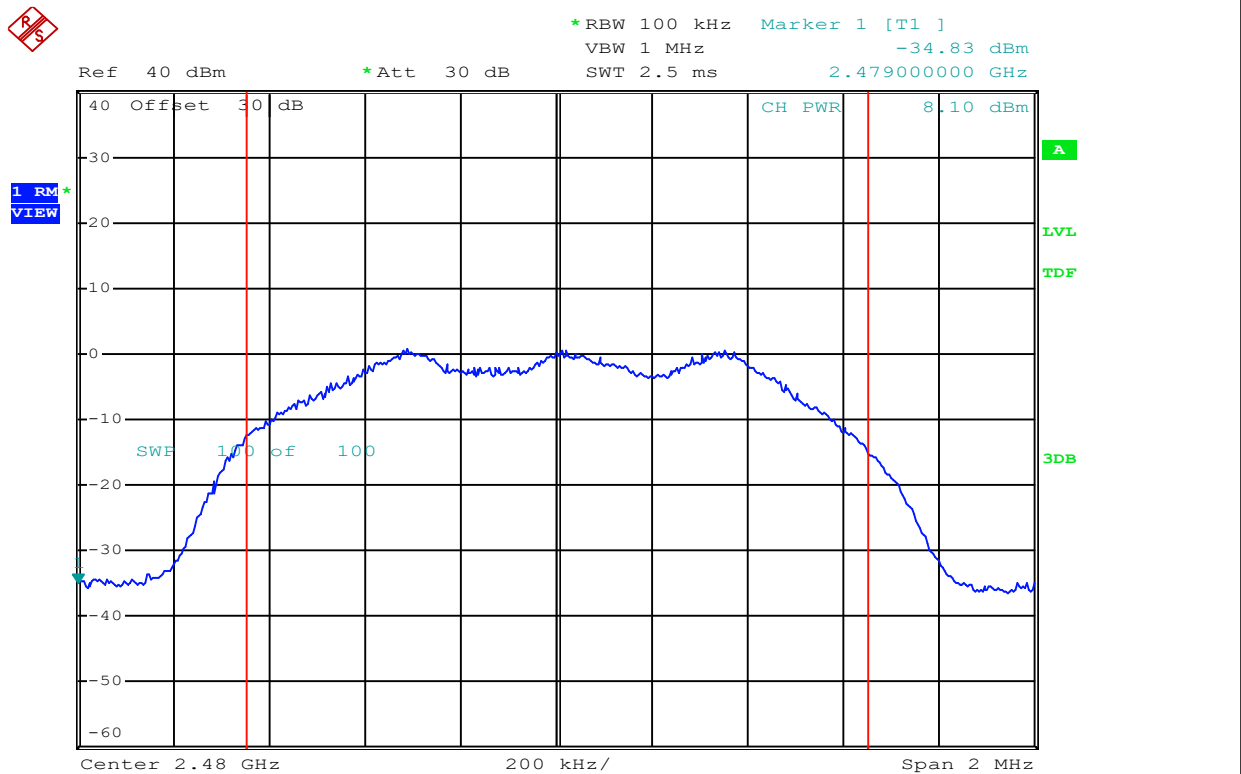
Mode: BT 3EDR

Channel Frequency: 2440 MHz

Modulation: 8-DPSK

Measured Channel Power: 9.12 dBm

Conducted Power:



Date: 29.FEB.2024 13:57:13

Channel: 78

Mode: BT 3EDR

Channel Frequency: 2480 MHz

Modulation: 8-DPSK

Measured Channel Power: 8.1 dBm