

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		14.9		11.3		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				14.440			15.6		10.6	
		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}] - EIRP [E_{Meas}]

Conducted Power Measurement Results: DTS

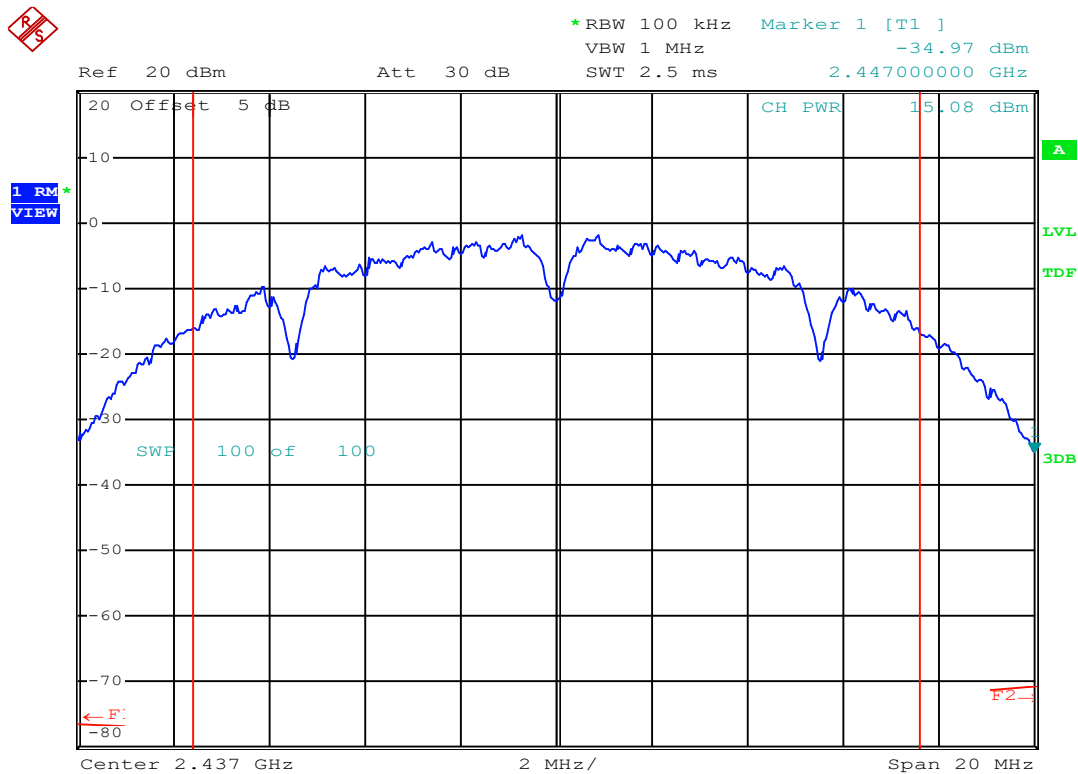
Channel Number	Channel Frequency (MHz)	Mode	Modulation	Rated Power (EIRP)	Measured Power [P _{Meas}] (dBm)	Limit [P _{Lim}] (dBm)	Conducted Margin (dB)	Antenna Gain [G] (dBi)	EIRP [E _{Meas}] (dBm)	EIRP Limit [E _{Lim}] (dBm)	EIRP Margin (dB)
37	2402.00	BLE 1mb	GMSK	-2.8	-1.67	30	31.7	-3.8	-5.5	36	41.5
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

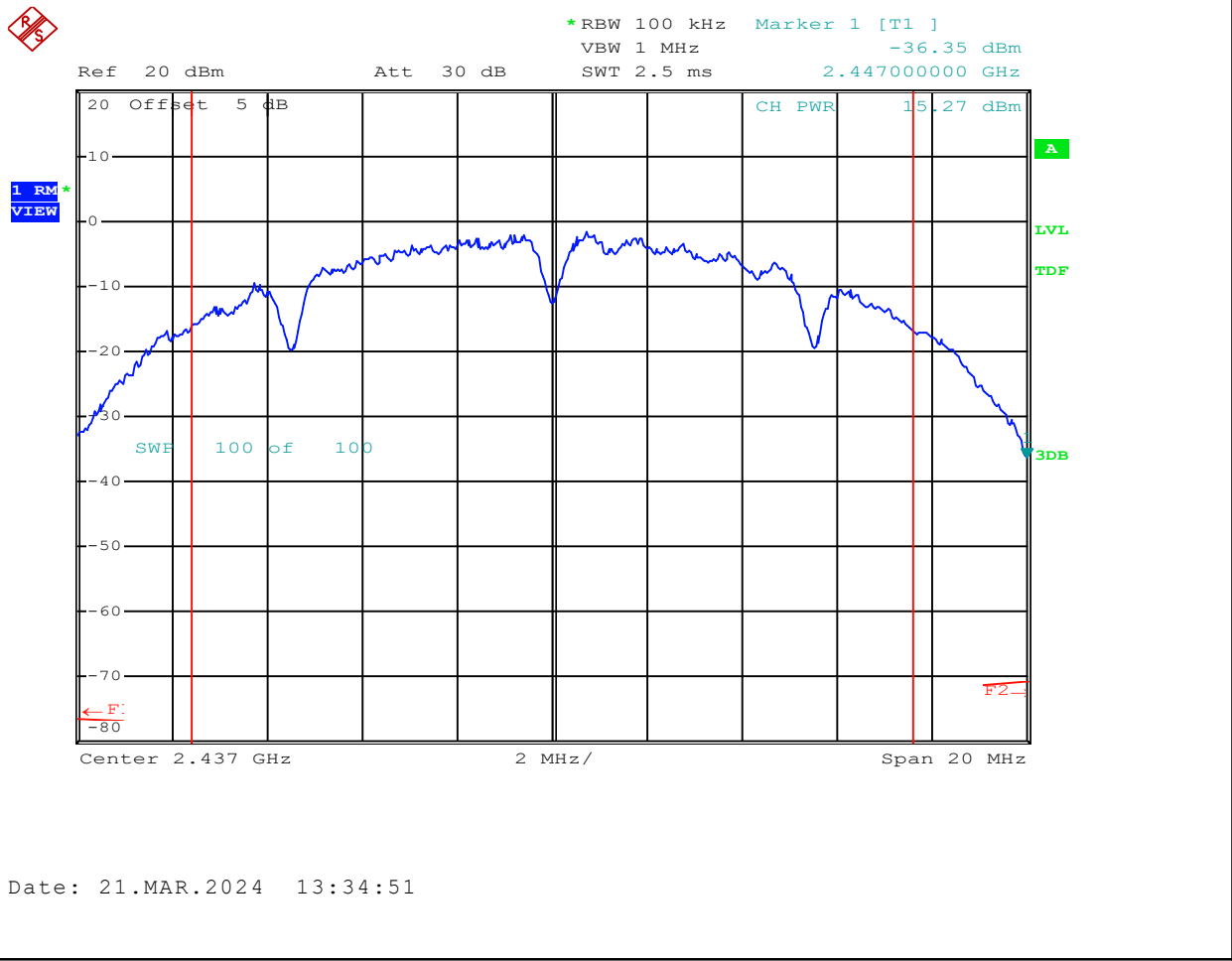
Mode: 802.11b

Channel Frequency: 2437 MHz

Modulation: CCK 1

Measured Channel Power: 15.08 dBm

Conducted Power:



Channel: 6

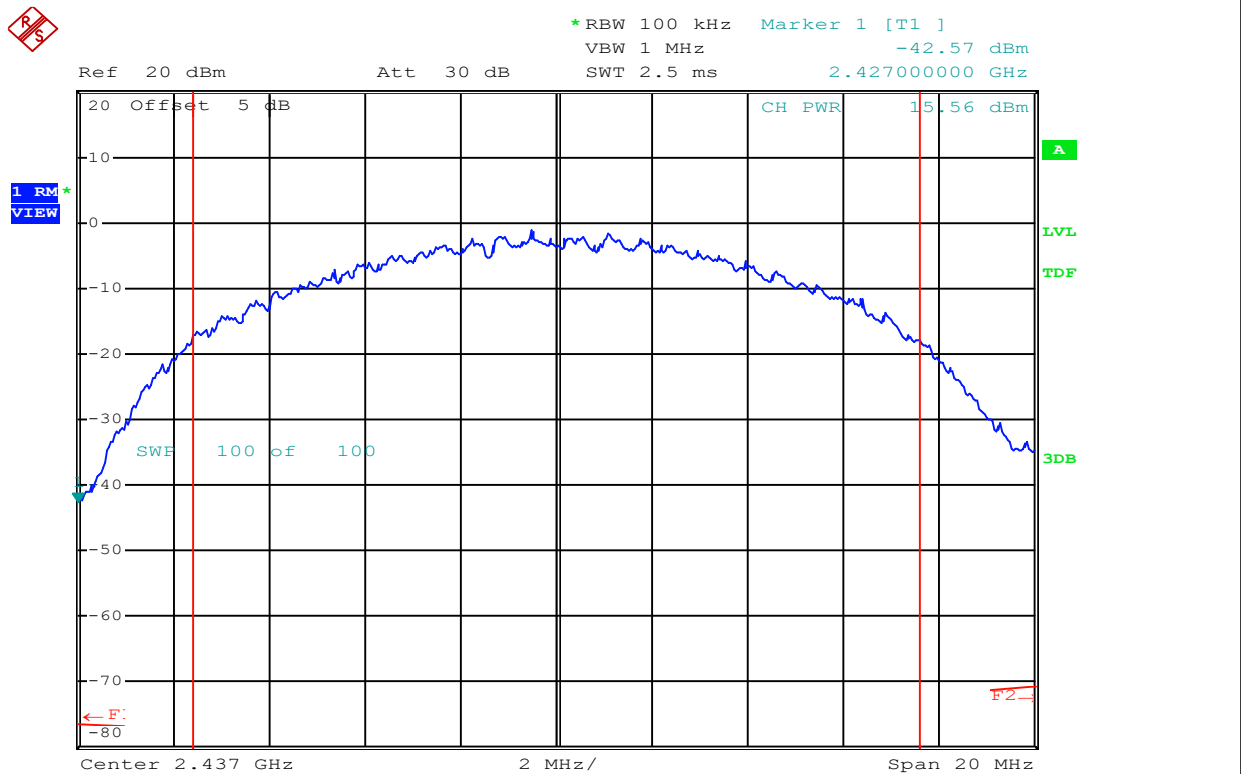
Mode: 802.11b

Channel Frequency: 2437 MHz

Modulation: CCK 2

Measured Channel Power: **15.27** dBm

Conducted Power:



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

Channel: 6

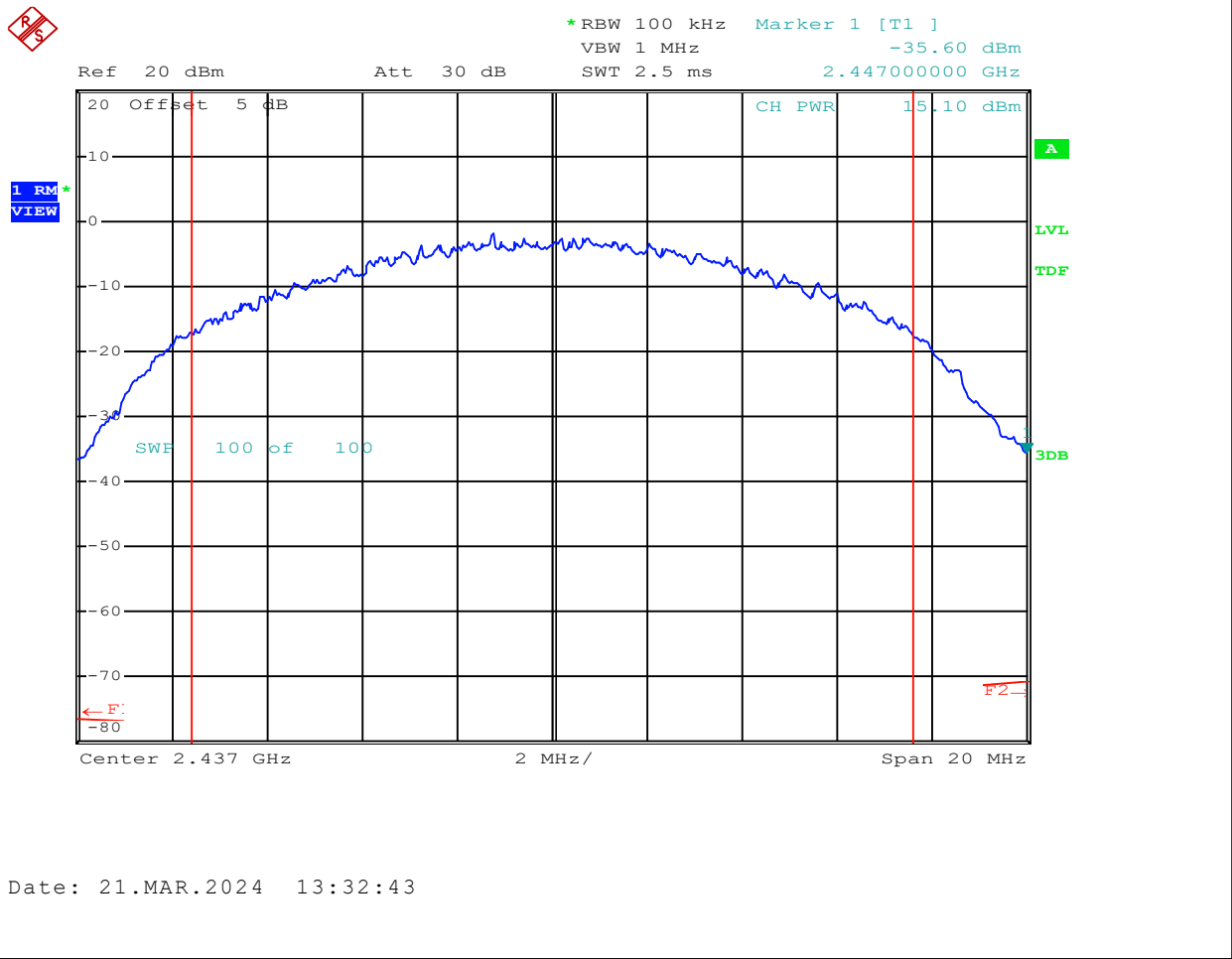
Mode: 802.11b

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

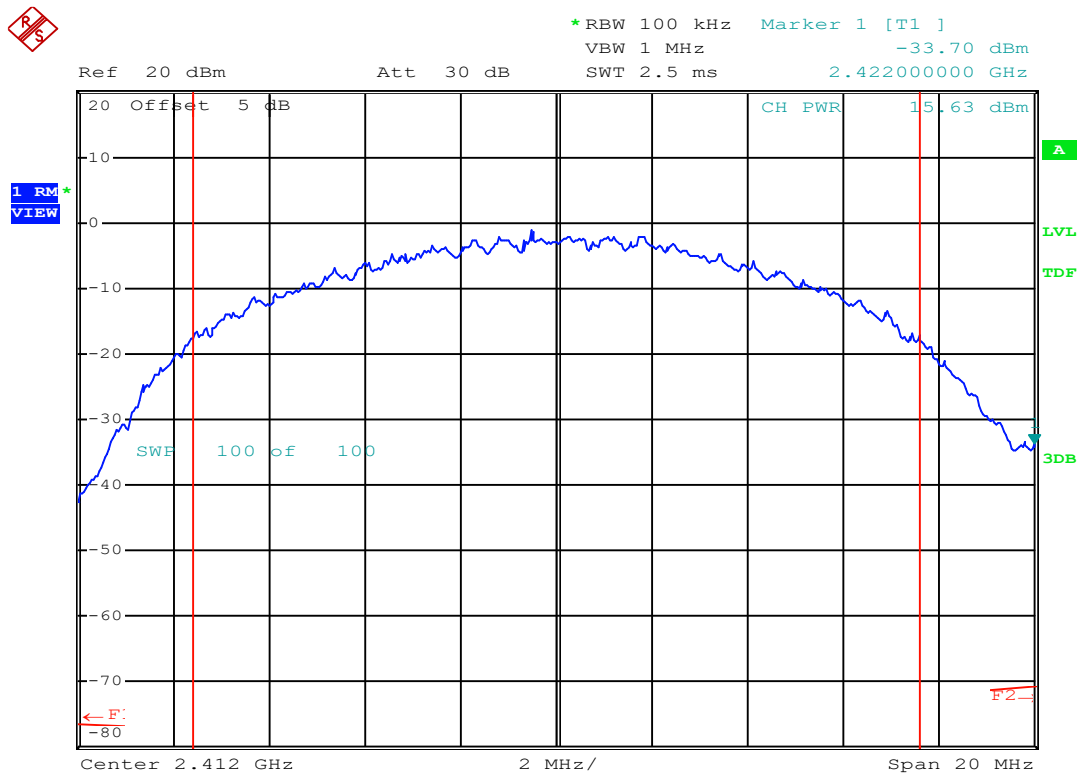
Mode: 802.11b

Channel Frequency: 2437 MHz

Modulation: **DSSS 11**

Measured Channel Power: 15.1 dBm

Conducted Power:



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

Channel: 1

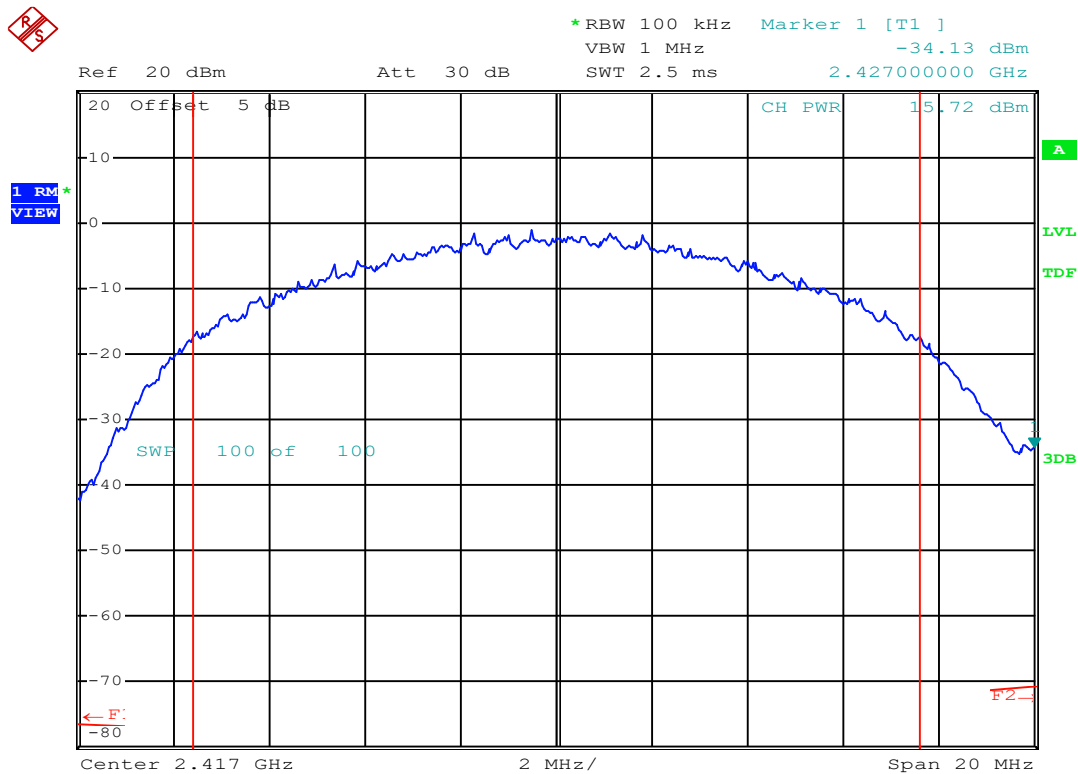
Mode: 802.11b

Channel Frequency: **2412** MHz

Modulation: **DSSS 5.5**

Measured Channel Power: **15.63** dBm

Conducted Power:



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

Channel: 2

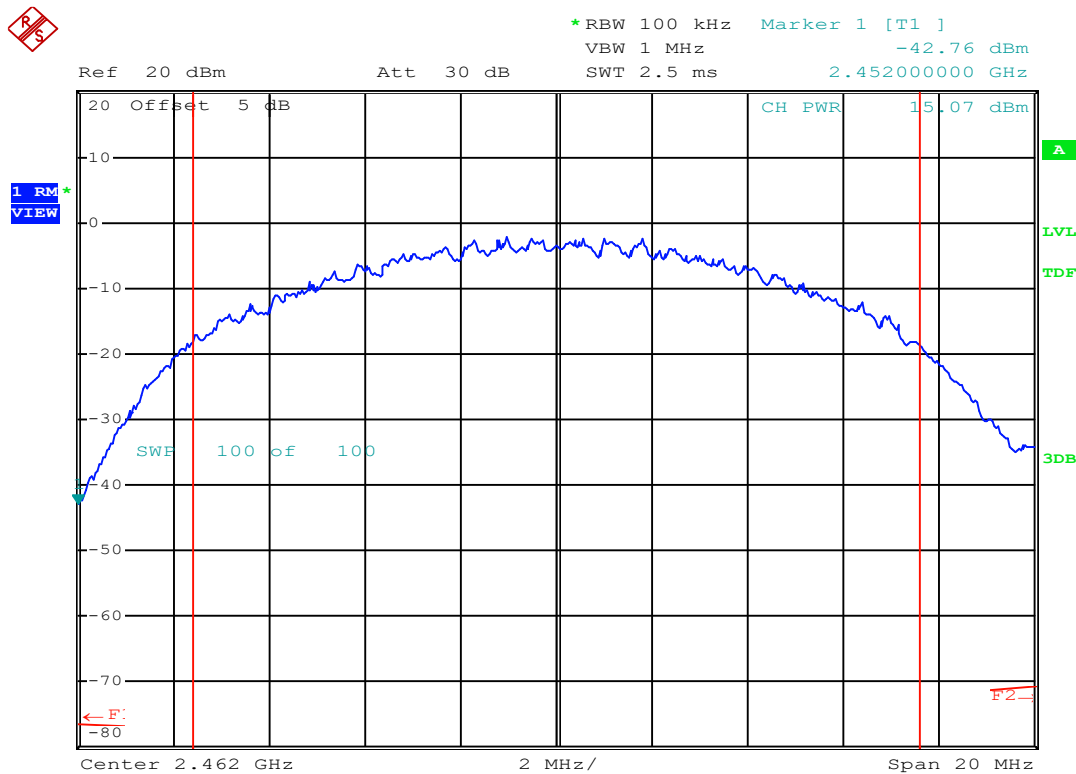
Mode: 802.11b

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

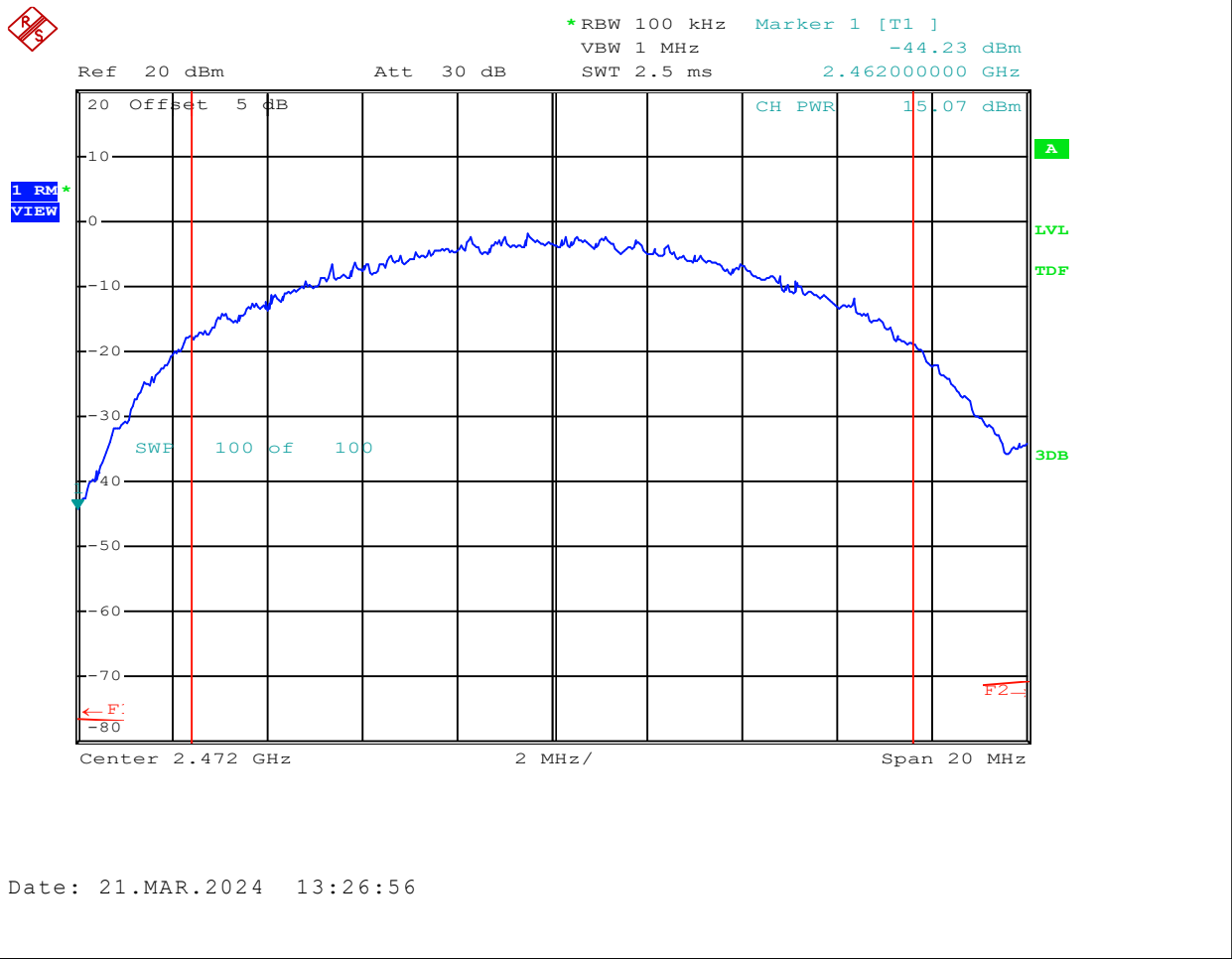
Mode: 802.11b

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

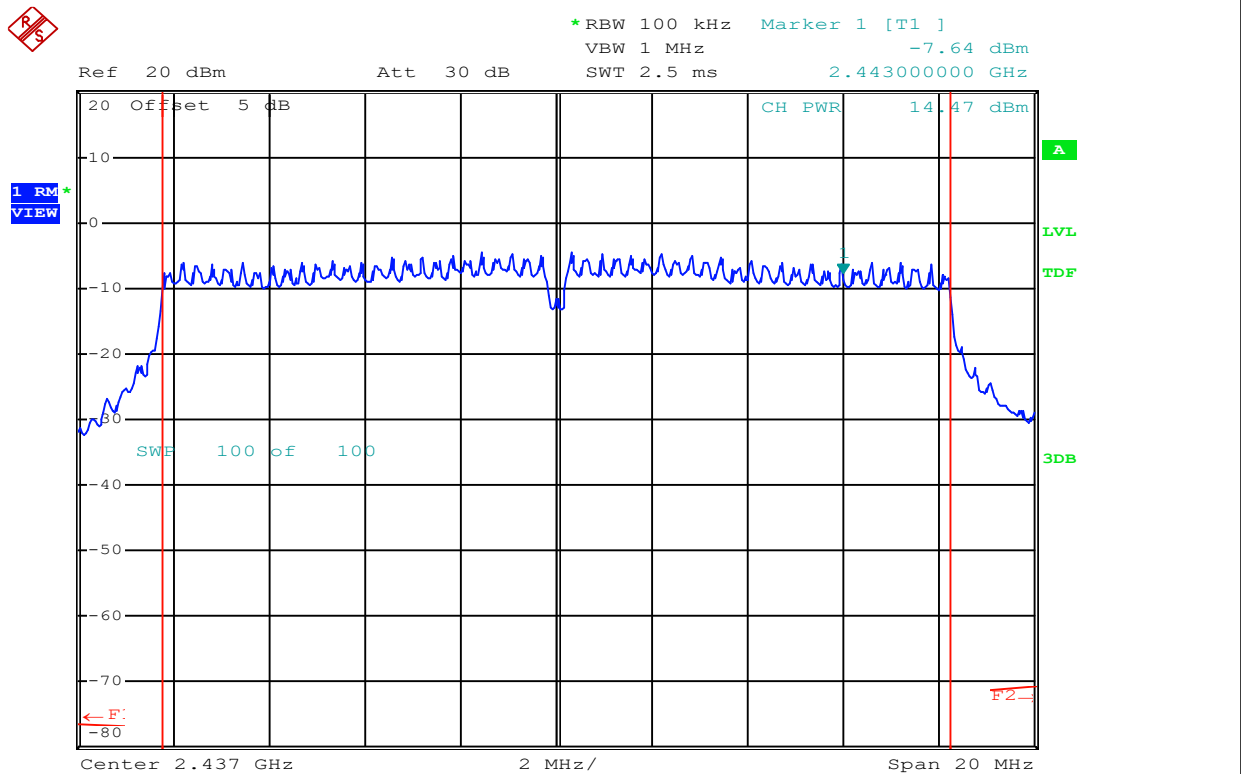
Mode: 802.11b

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

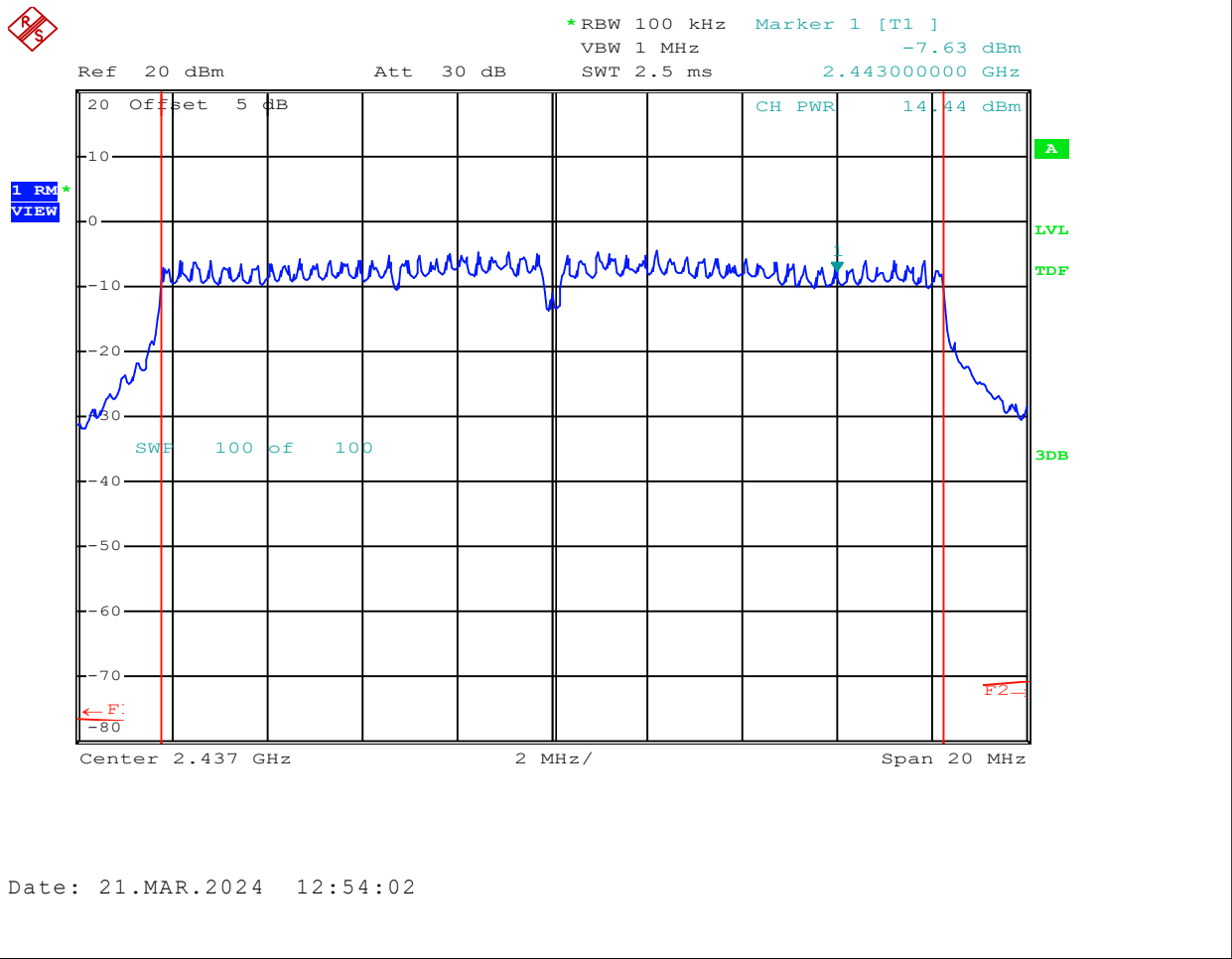
Mode: 802.11g

Channel Frequency: 2437 MHz

Modulation: OFDM6

Measured Channel Power: 14.14 dBm

Conducted Power:



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

Channel: 6

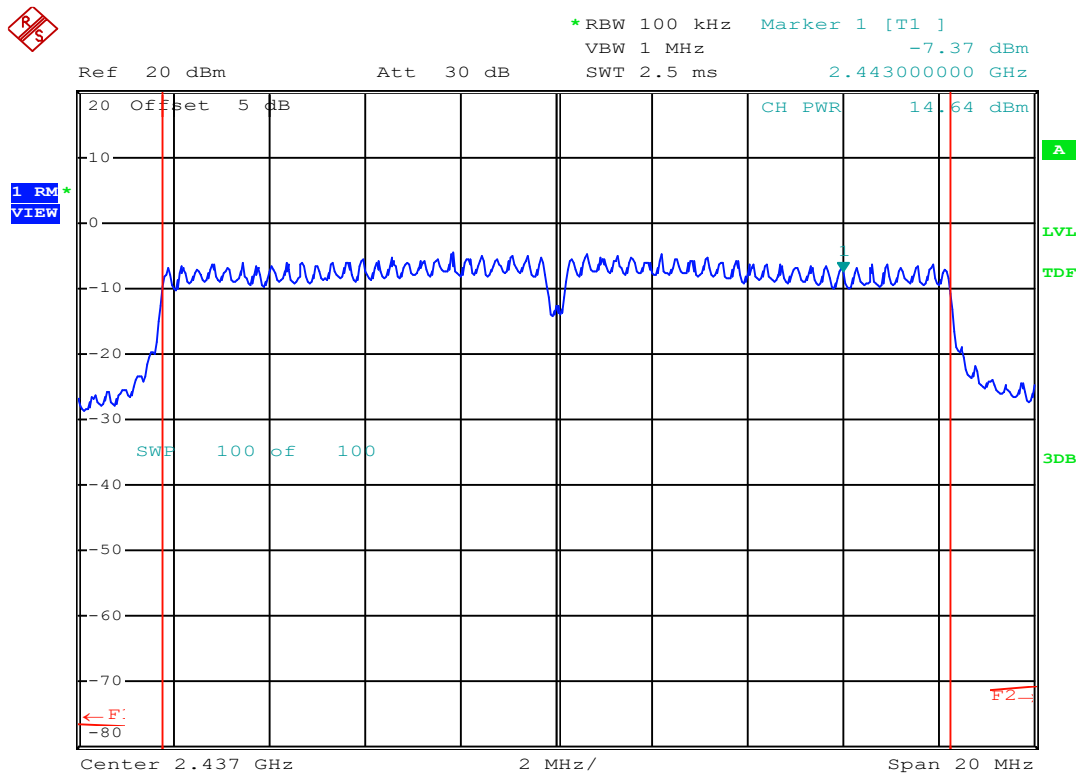
Mode:	802.11g
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Channel Frequency: 2437 MHz

Modulation: OFDM9

Measured Channel Power: 14.64 dBm

Conducted Power:



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

Channel: 6

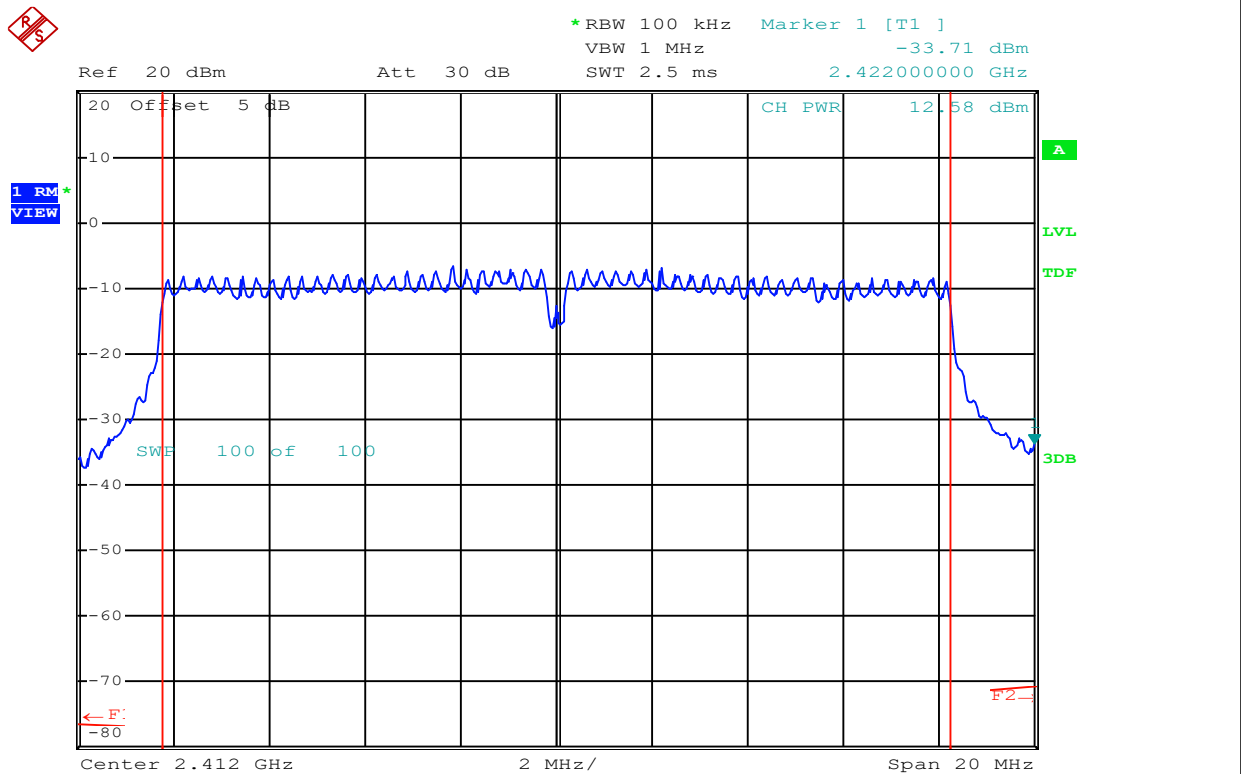
Mode: 802.11g

Channel Frequency: 2437 MHz

Modulation: OFDM12

Measured Channel Power: 14.64 dBm

Conducted Power:



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

Channel: 1

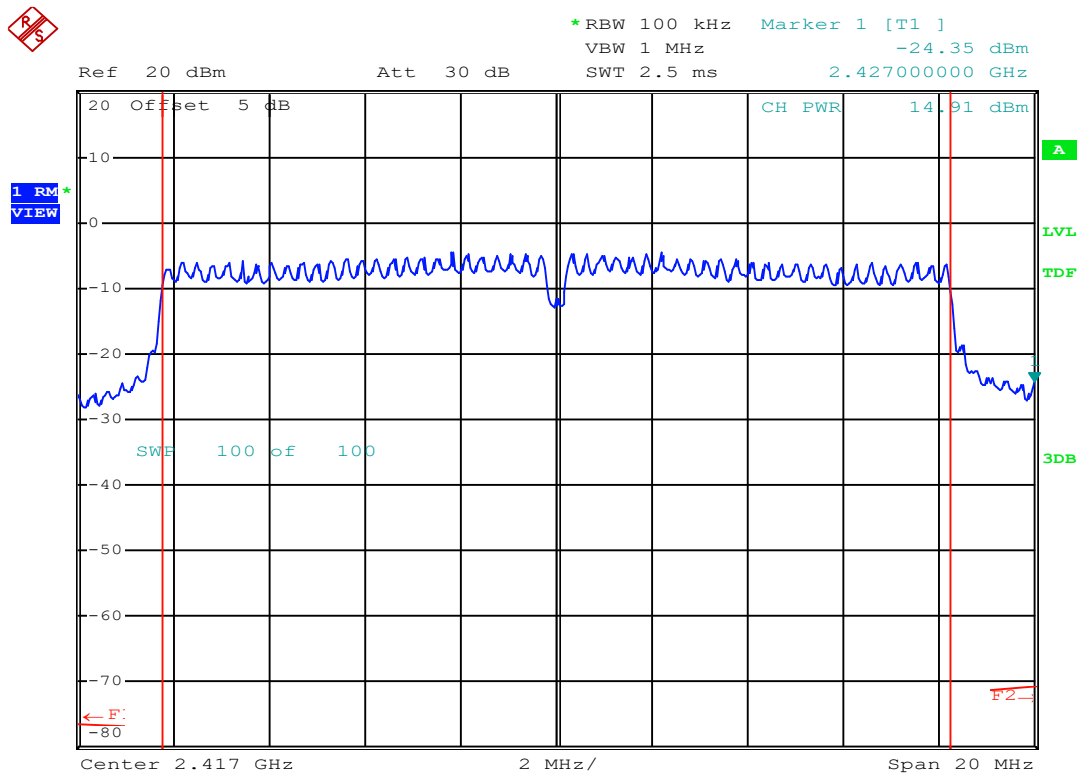
Mode: 802.11g

Channel Frequency: **2412** MHz

Modulation: OFDM12

Measured Channel Power: 12.58 dBm

Conducted Power:



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

Channel: 2

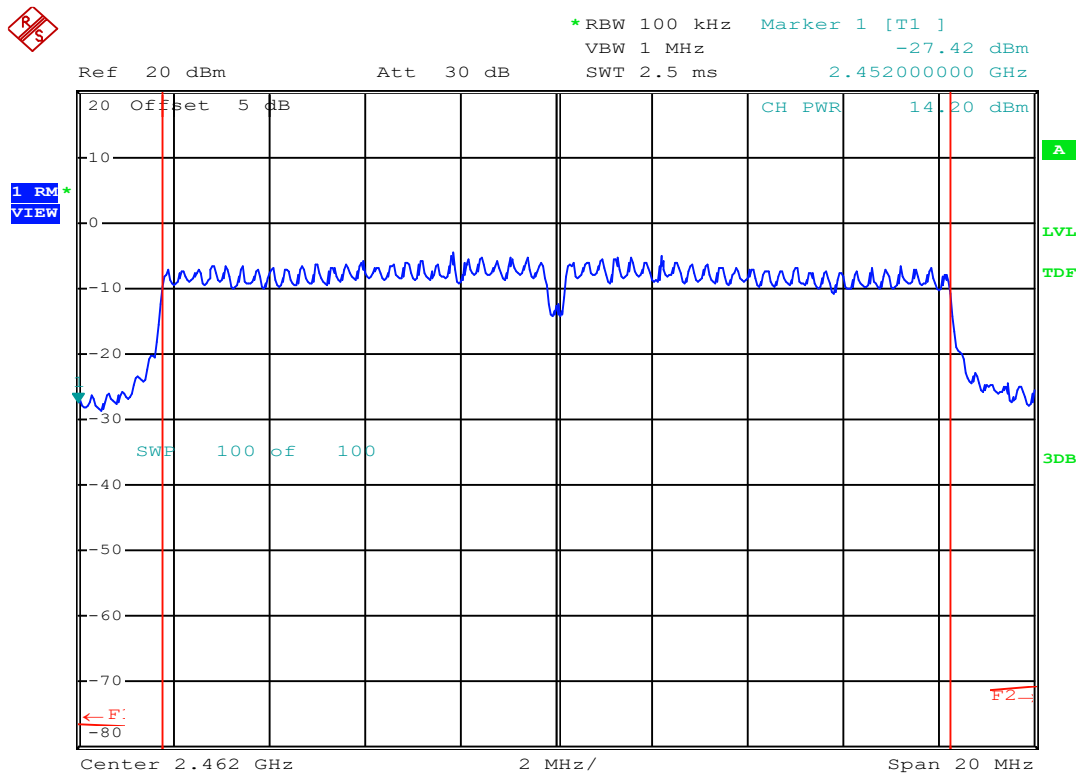
Mode: 802.11g

Channel Frequency: 2417 MHz

Modulation: OFDM12

Measured Channel Power: 14.91 dBm

Conducted Power:



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

Channel: 11

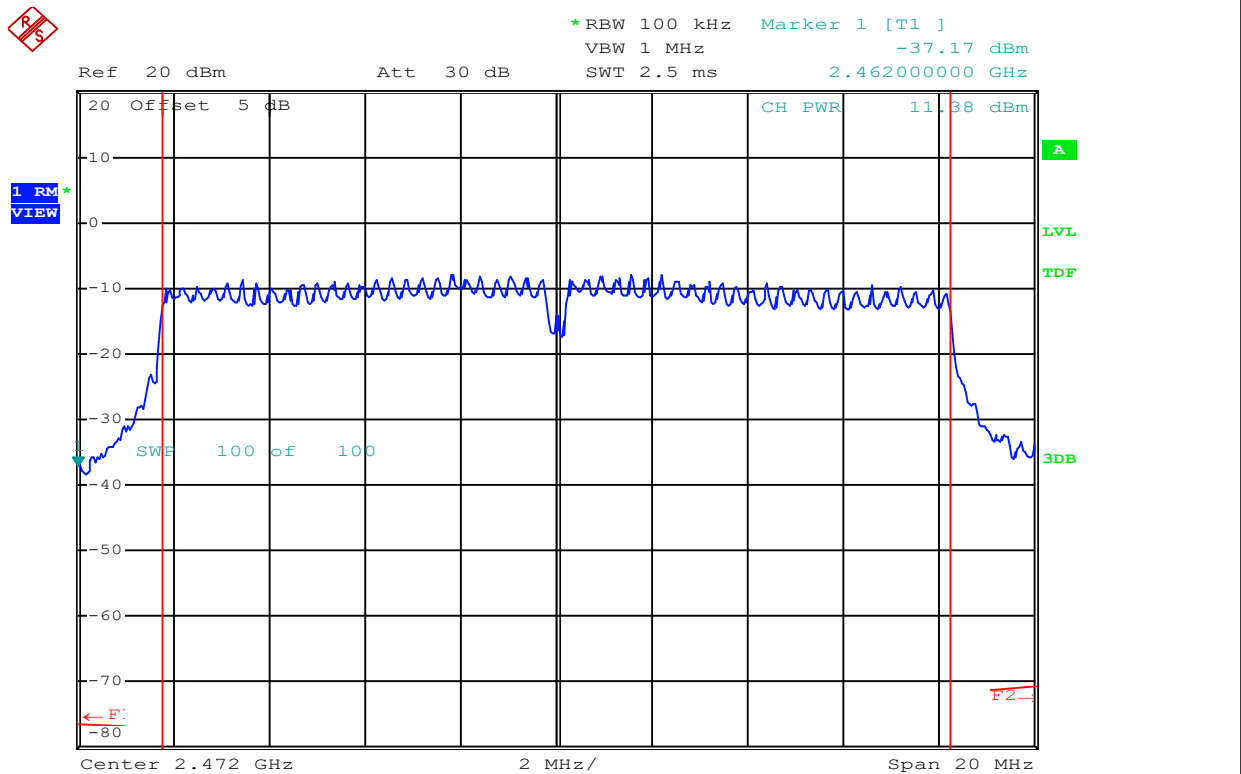
Mode: 802.11g

Channel Frequency: 2462 MHz

Modulation: OFDM12

Measured Channel Power: 14.2 dBm

Conducted Power:



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

Channel: 13

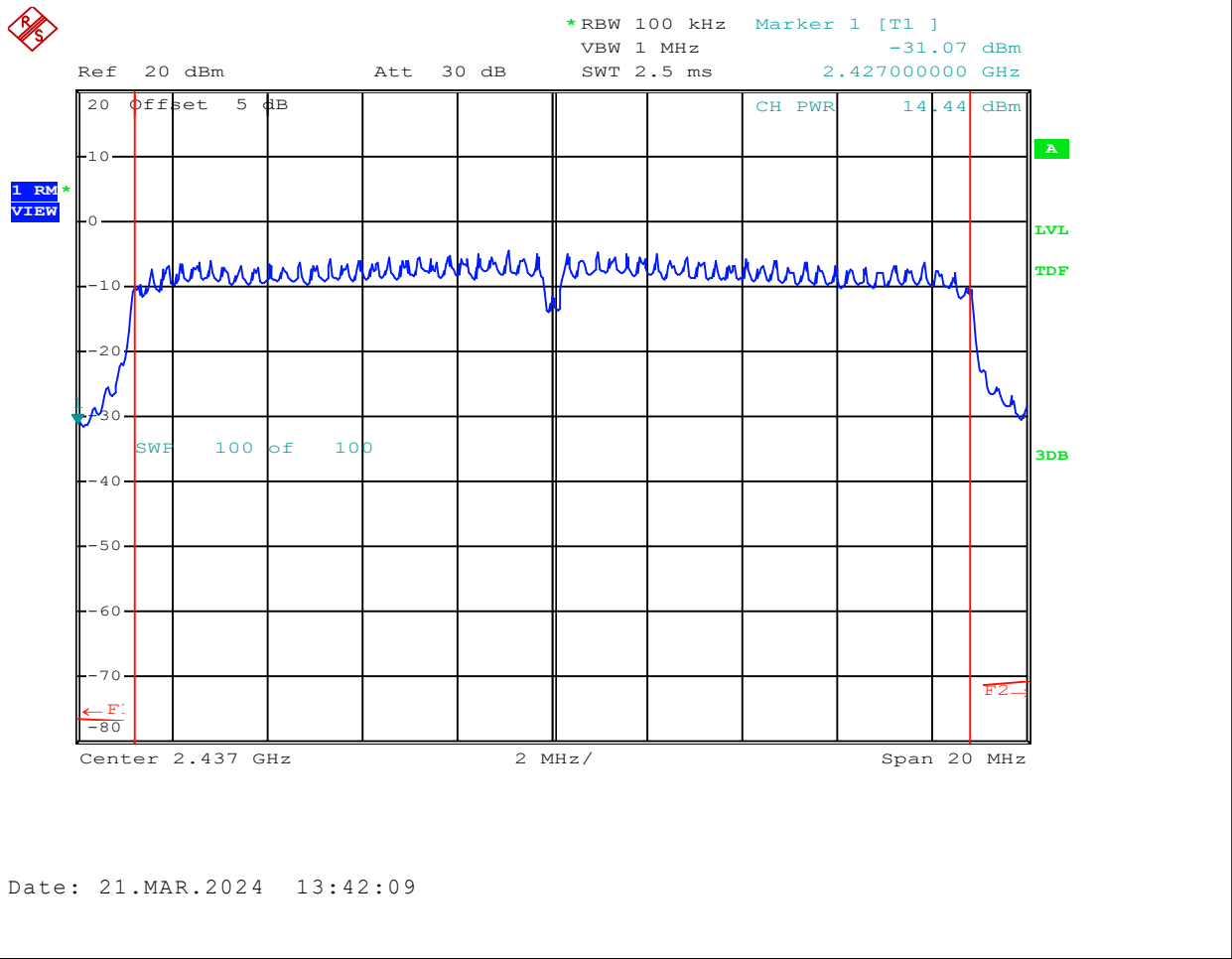
Mode: 802.11g

Channel Frequency: 2472 MHz

Modulation: OFDM12

Measured Channel Power: 11.38 dBm

Conducted Power:



Channel: 6

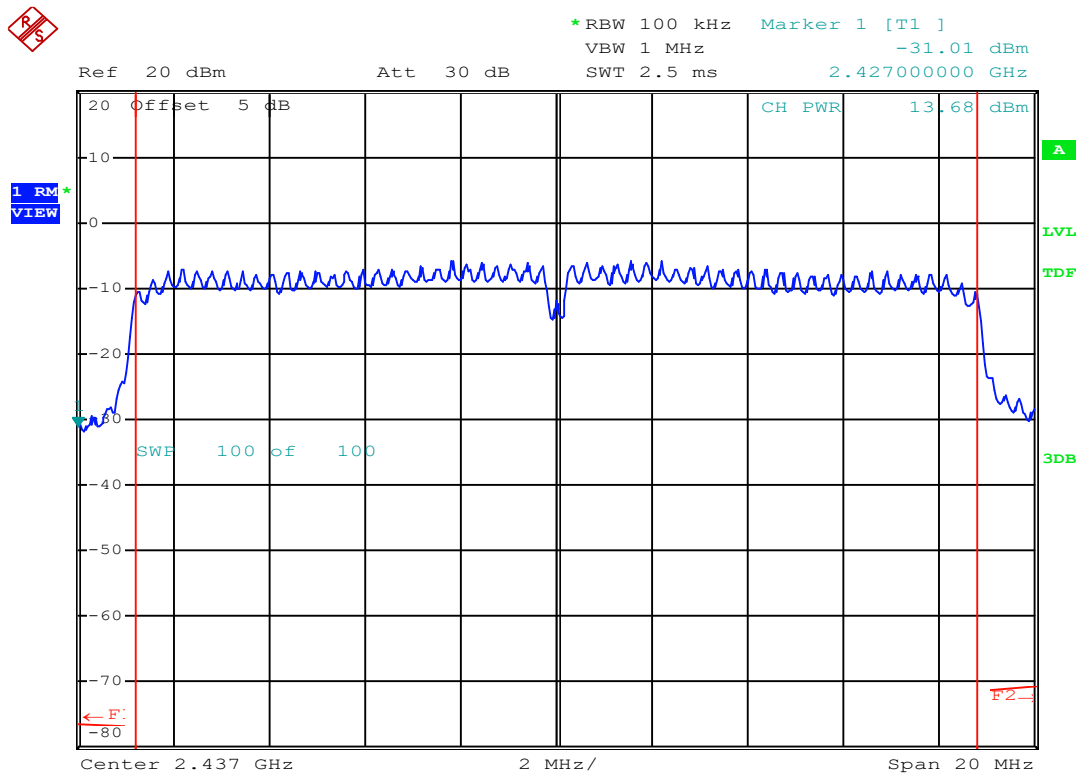
Mode: 802.11n

Channel Frequency: 2437 MHz

Modulation: MCS0

Measured Channel Power: 14.44 dBm

Conducted Power:



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

Channel: 6

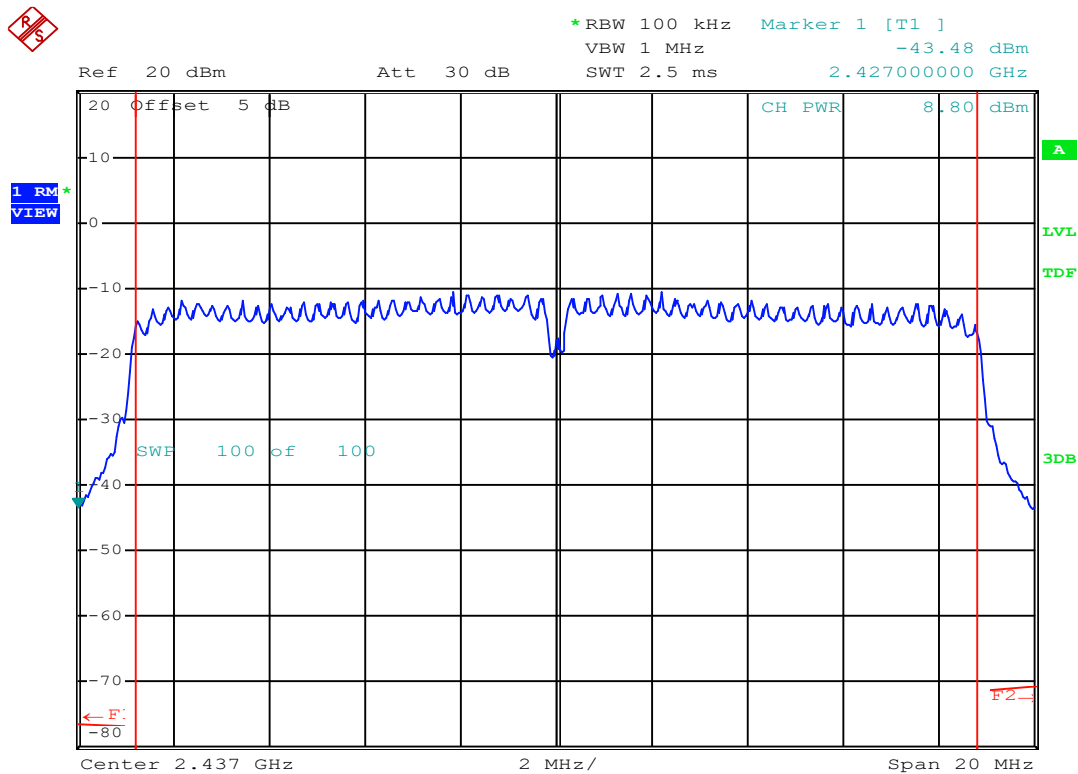
Mode: 802.11n

Channel Frequency: 2437 MHz

Modulation: MCS3

Measured Channel Power: **13.68** dBm

Conducted Power:



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

Channel: 6

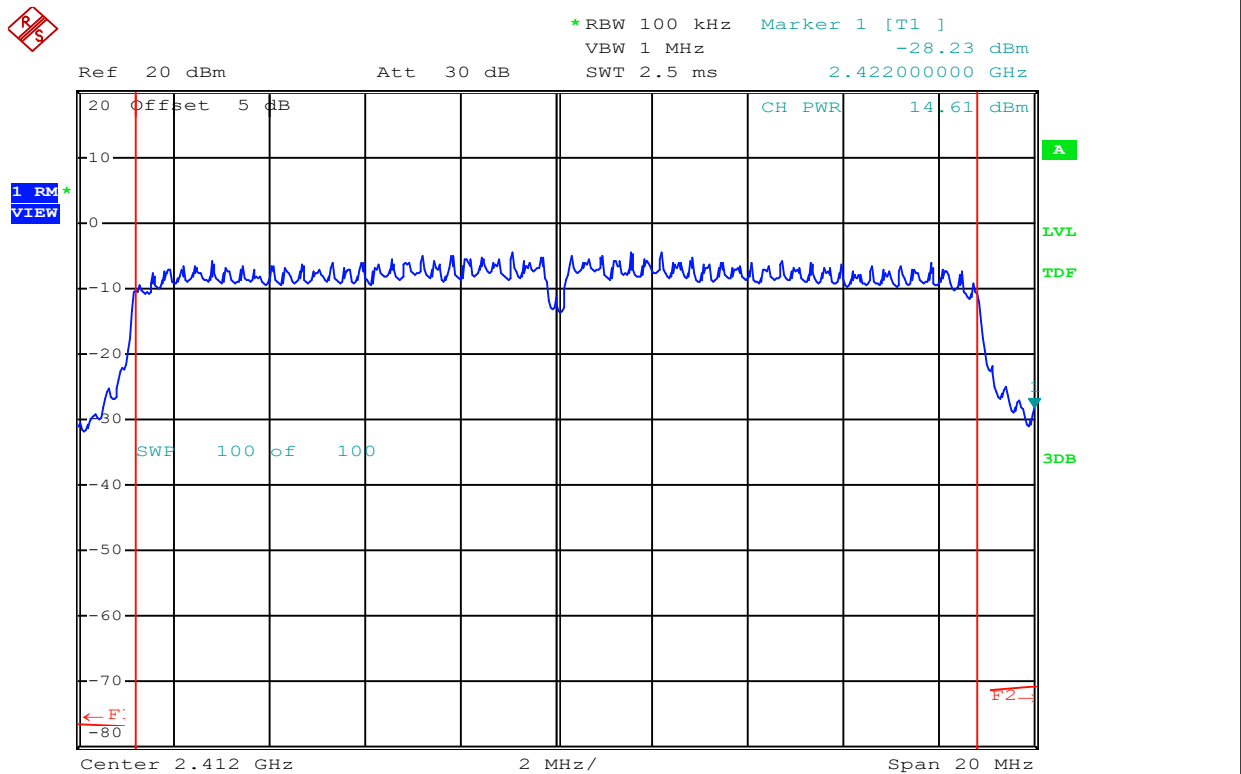
Mode: 802.11n

Channel Frequency: 2437 MHz

Modulation: MCS7

Measured Channel Power: 8.8 dBm

Conducted Power:



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

Channel: 1

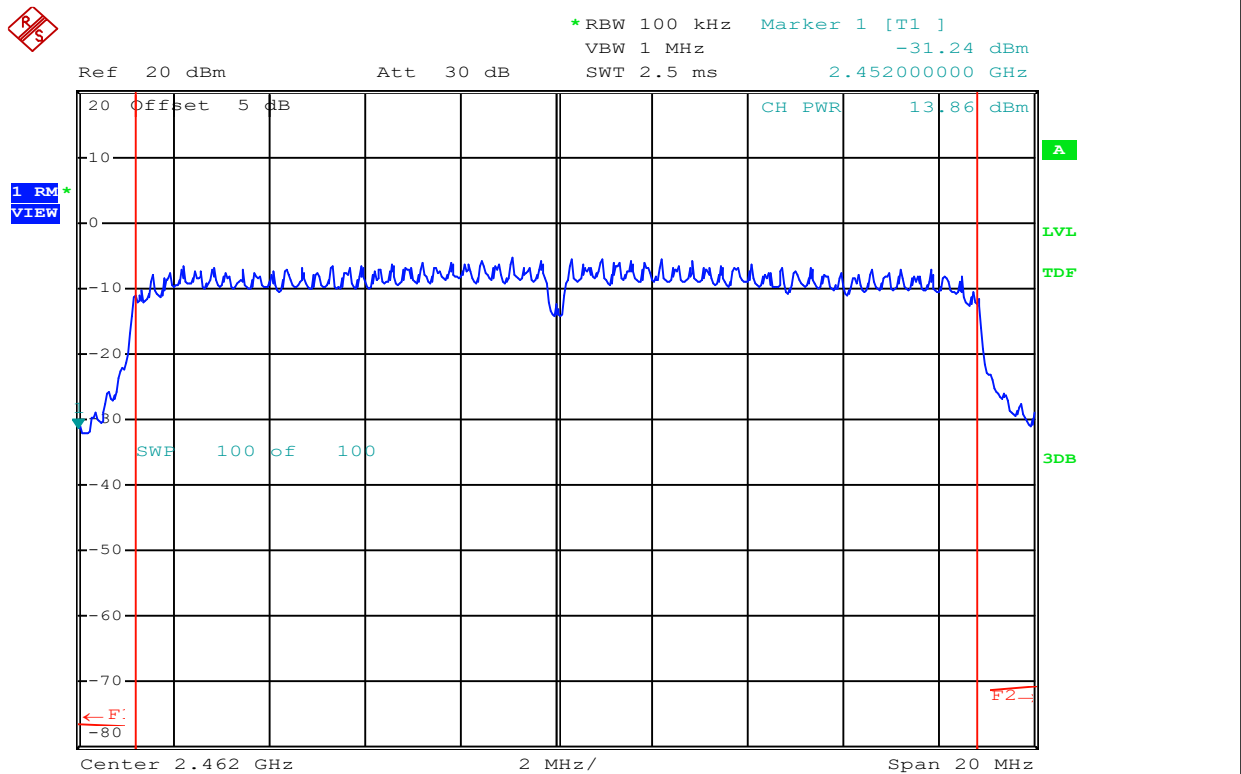
Mode: 802.11n

Channel Frequency: 2412 MHz

Modulation: MCS0

Measured Channel Power: 14.61 dBm

Conducted Power:



Date: 21.MAR.2024 14:00:46

Channel: 11

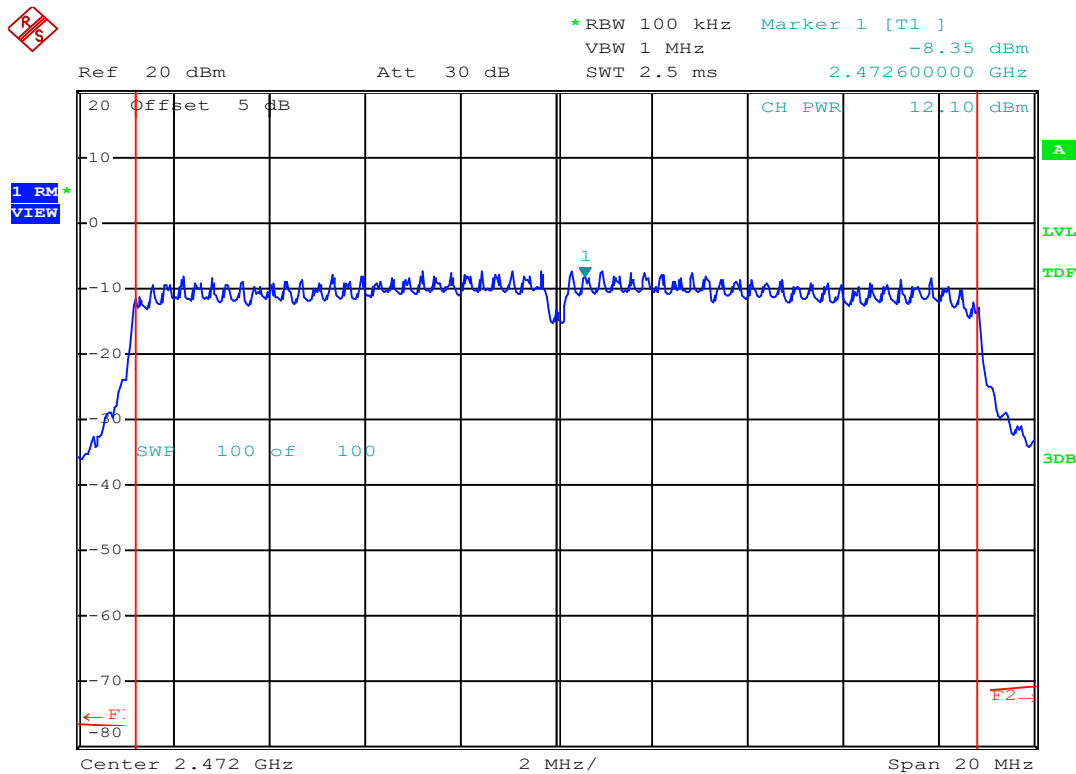
Mode: 802.11n

Channel Frequency: **2462** MHz

Modulation: MCS0

Measured Channel Power: 13.86 dBm

Conducted Power:



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

Channel: 13

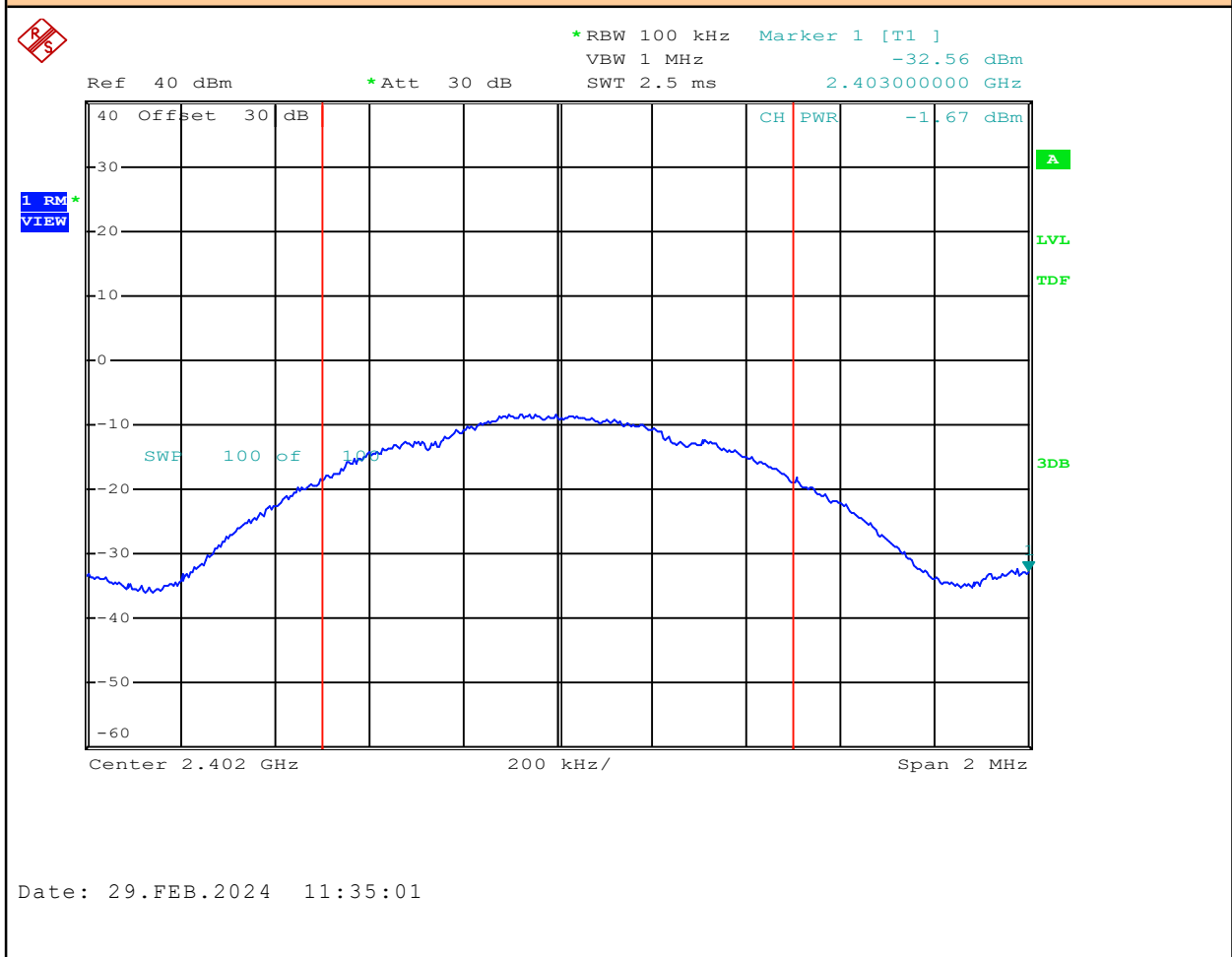
Mode: 802.11n

Channel Frequency: 2472 MHz

Modulation: MCS0

Measured Channel Power: 12.1 dBm

Conducted Power:



Channel: 37

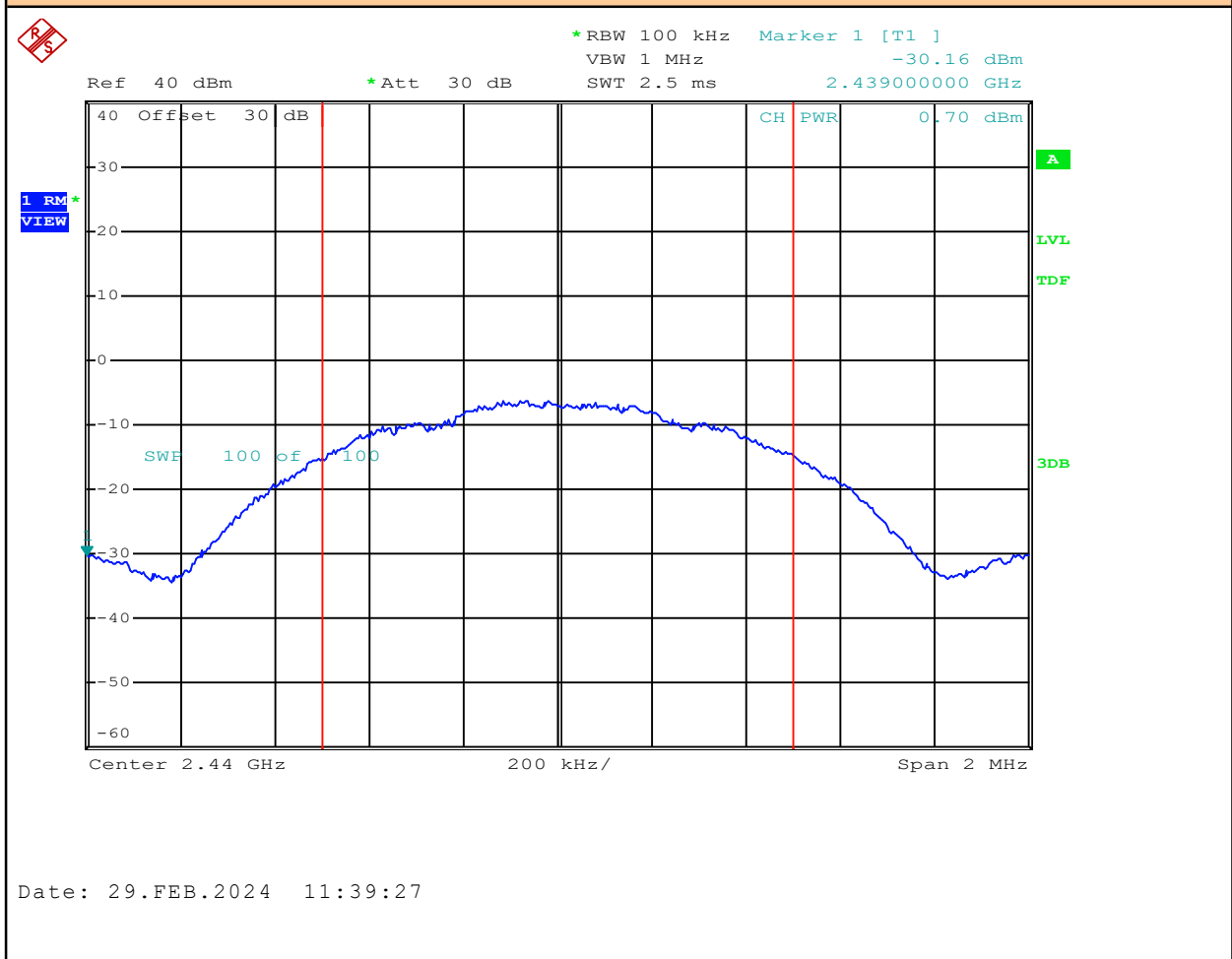
Mode: BLE 1mb

Channel Frequency: 2402 MHz

Modulation: **GMSK**

Measured Channel Power: -1.67 dBm

Conducted Power:



Channel: 17

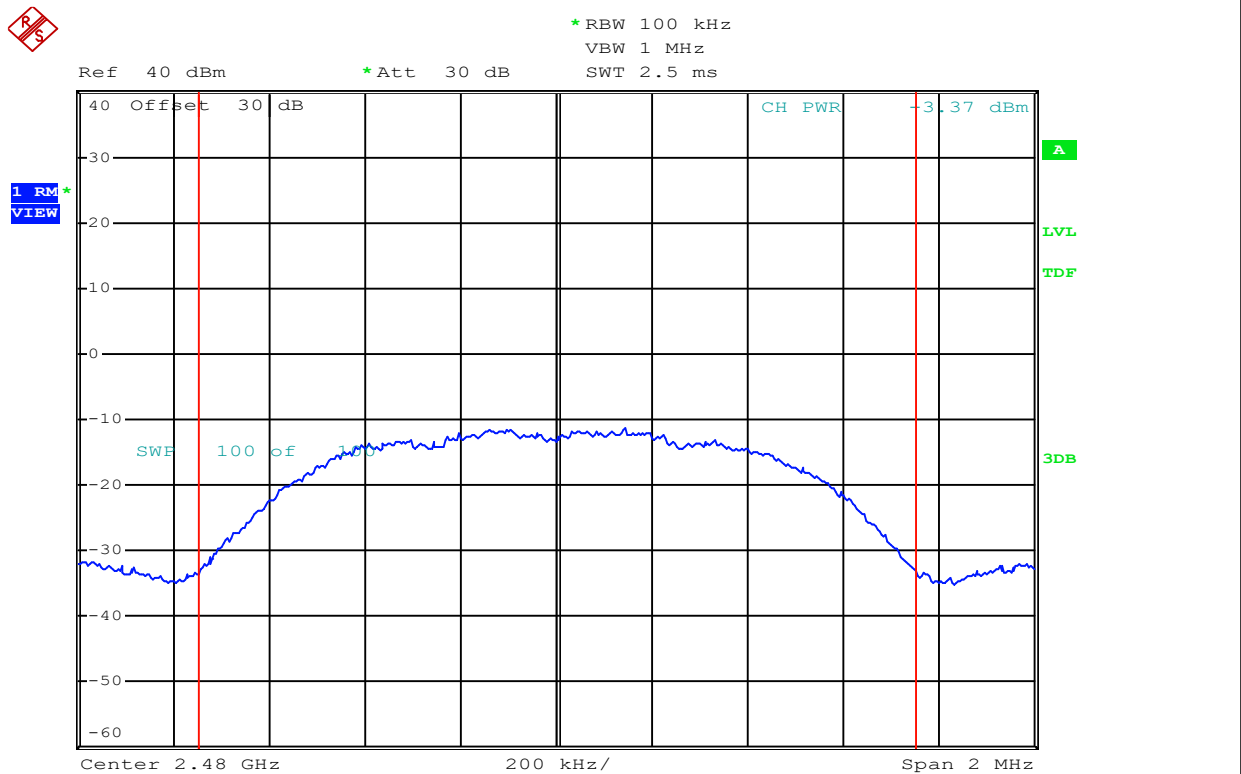
Mode: BLE 1mb

Channel Frequency: 2440 MHz

Modulation: **GMSK**

Measured Channel Power: 0.7 dBm

Conducted Power:



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

Channel: 39

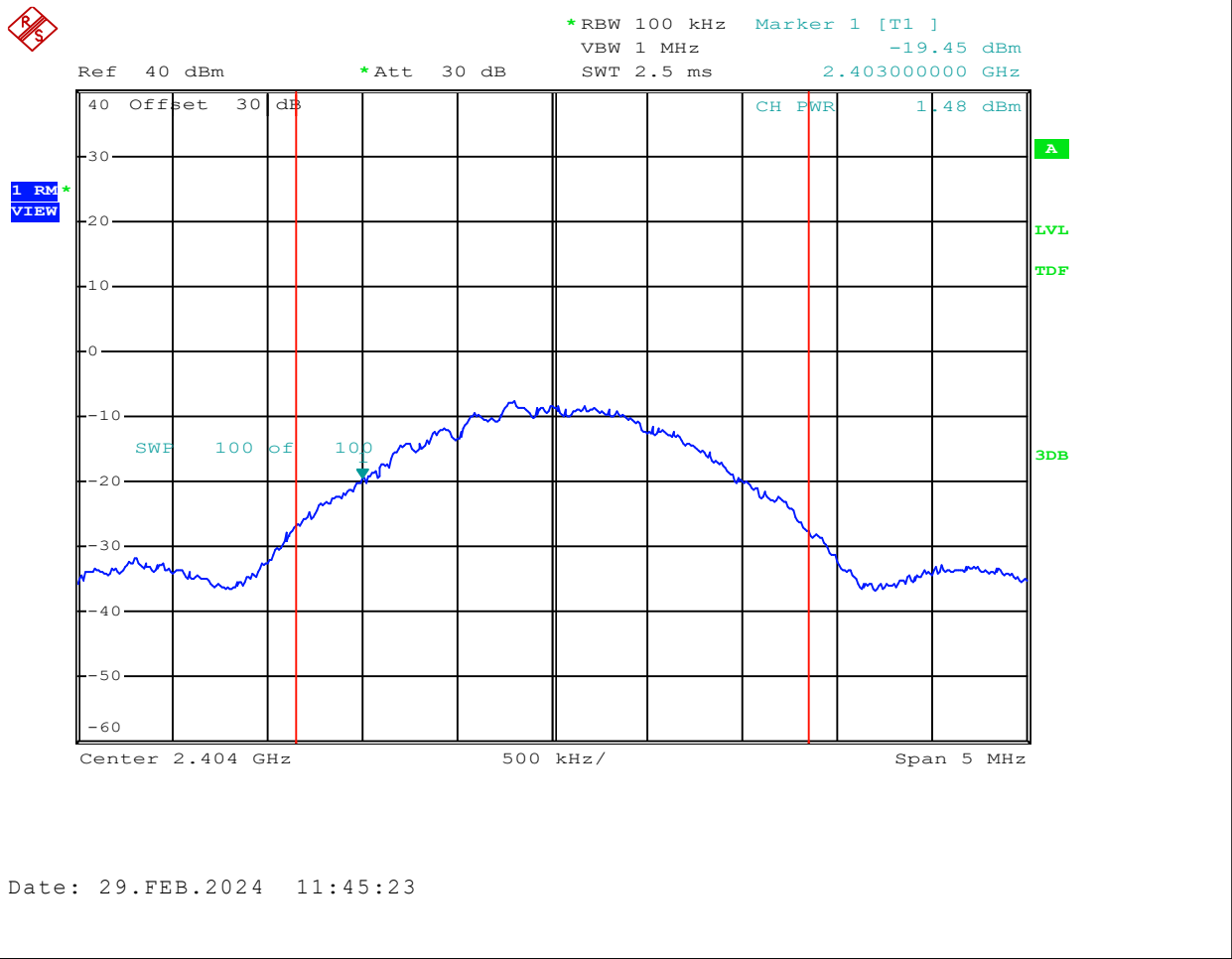
Mode: BLE 1mb

Channel Frequency: 2480 MHz

Modulation: **GMSK**

Measured Channel Power: -3.37 dBm

Conducted Power:



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

Channel: 1

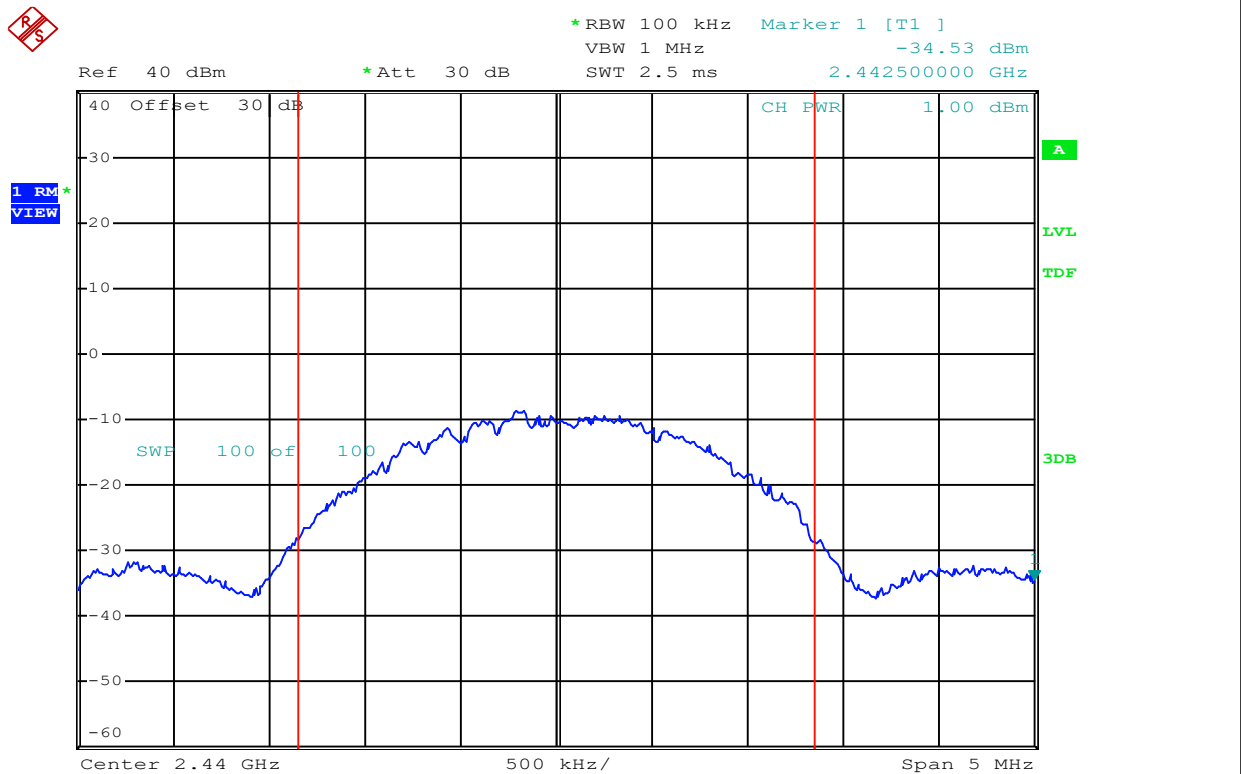
Mode: BLE 2mb

Channel Frequency: 2404 MHz

Modulation: **GMSK**

Measured Channel Power: 1.48 dBm

Conducted Power:



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

Channel: 17

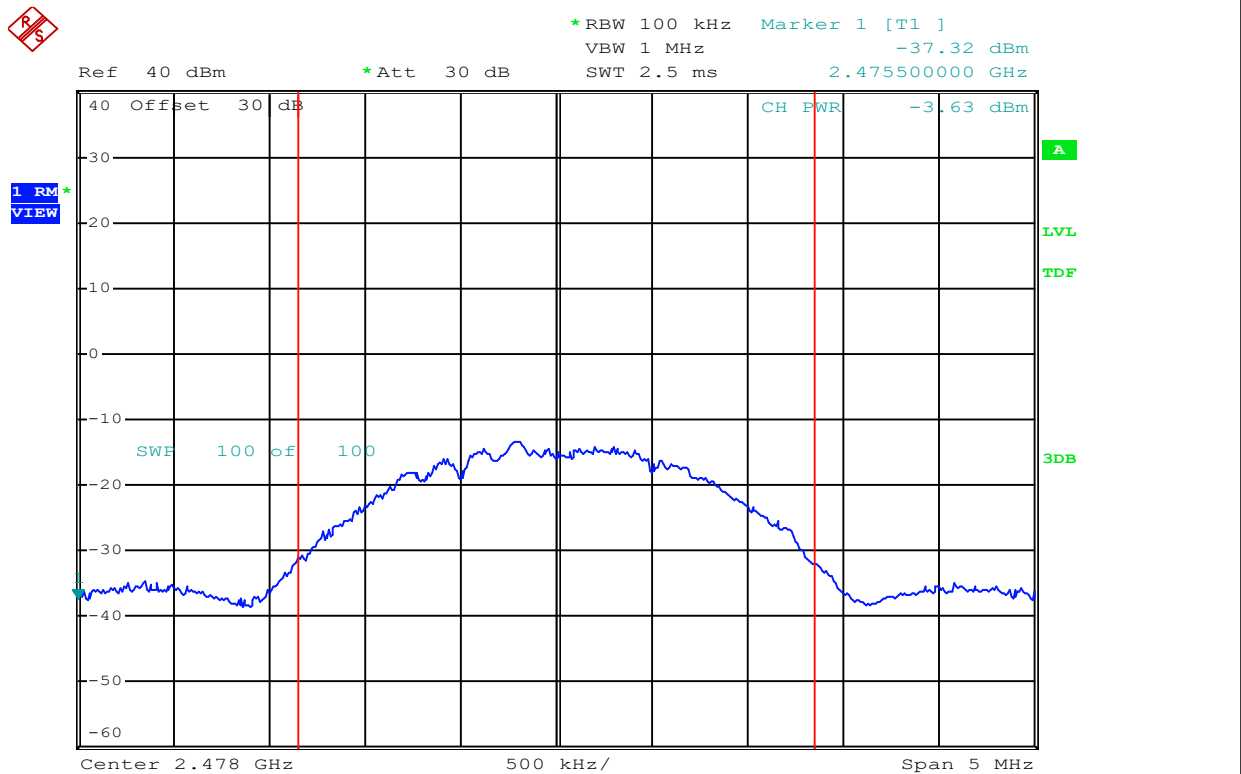
Mode: BLE 2mb

Channel Frequency: 2440 MHz

Modulation: **GMSK**

Measured Channel Power: 1.00 dBm

Conducted Power:



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

Channel: 36

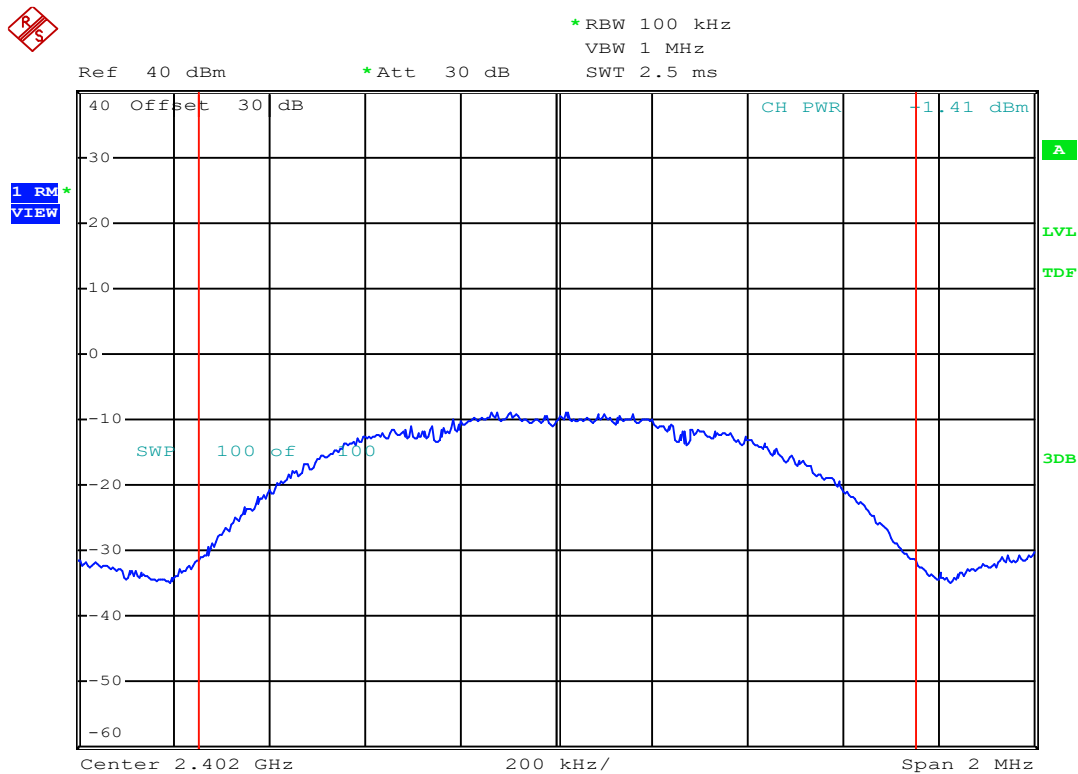
Mode: BLE 2mb

Channel Frequency: 2478 MHz

Modulation: **GMSK**

Measured Channel Power: **-3.63** dBm

Conducted Power:



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

2

ANT

2402

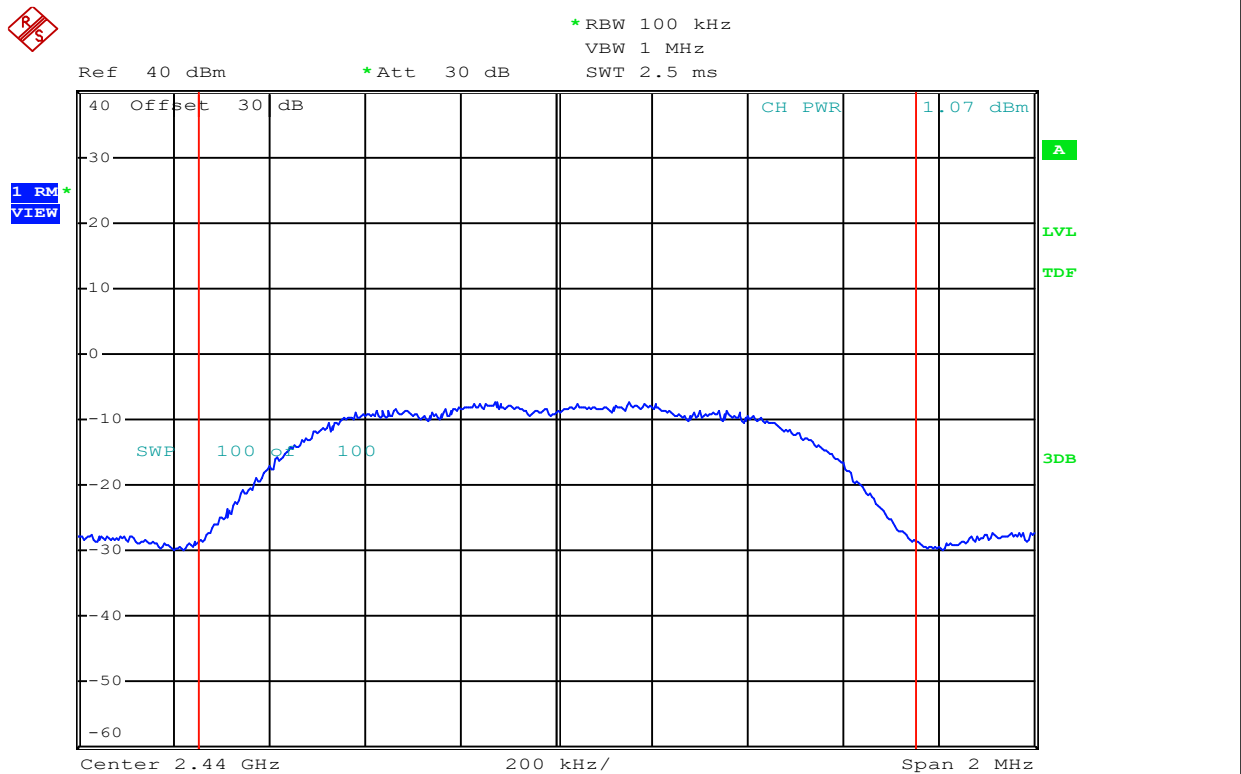
MHz

GFSK

-1.41

dBm

Conducted Power:



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

Channel: 40

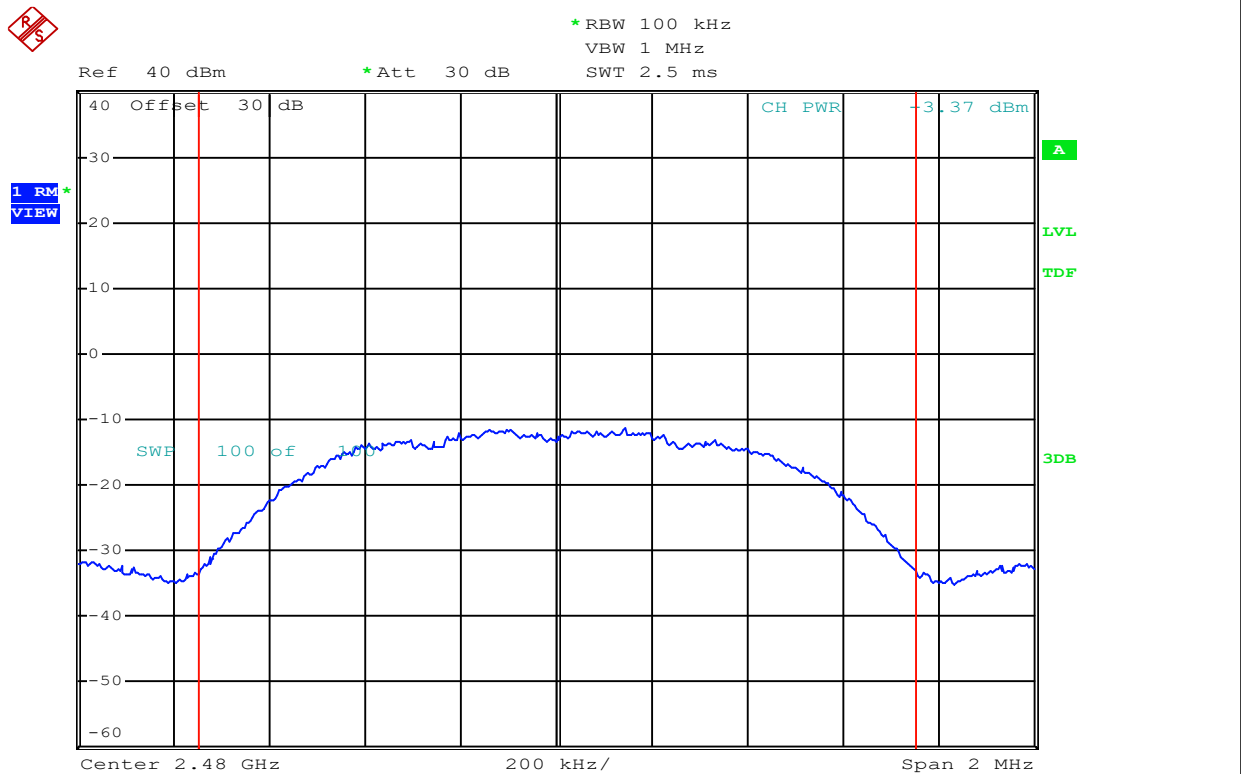
Mode: ANT

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

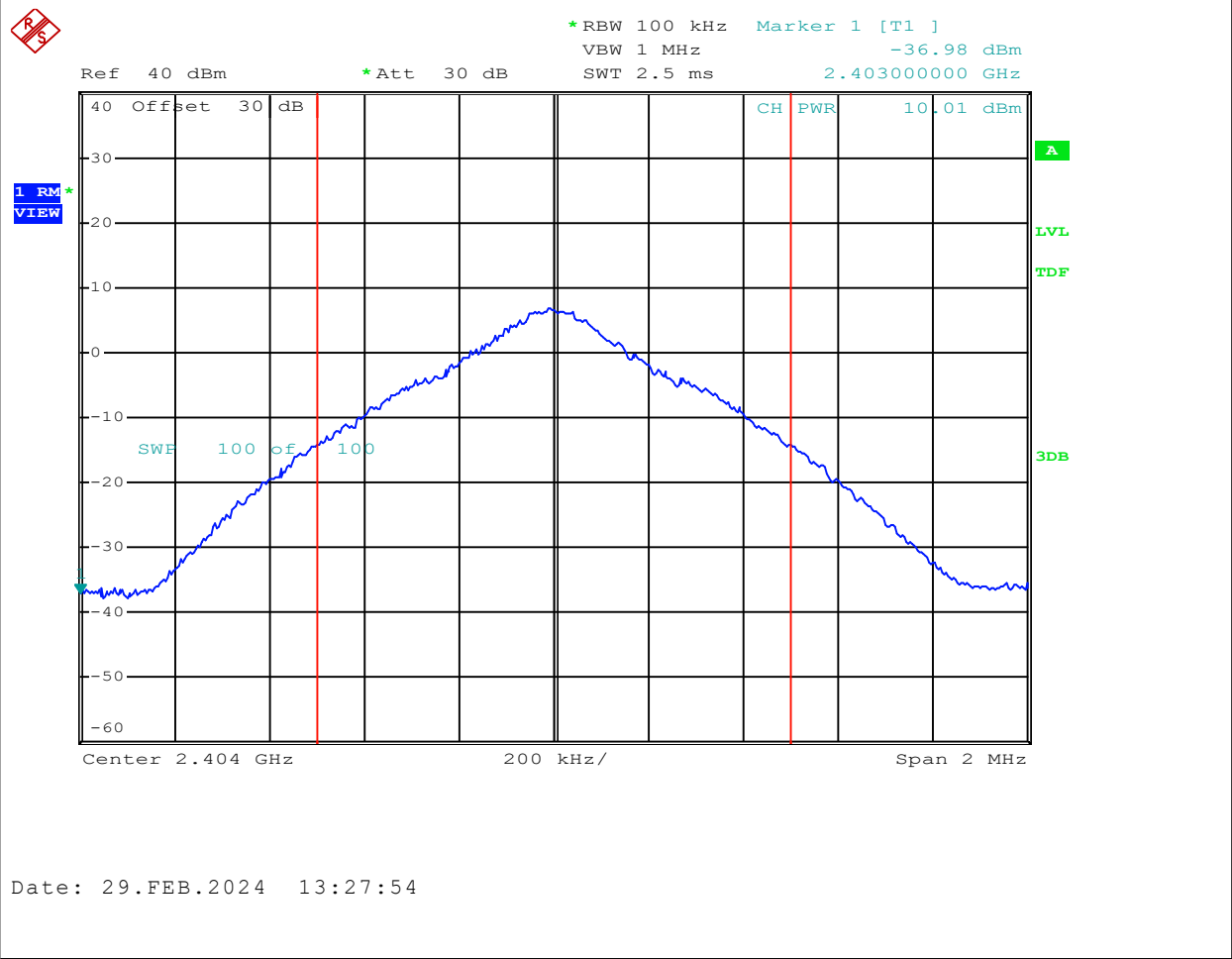
Channel Number	Channel Frequency (MHz)	Mode	Modulation	Rated Power (EIRP)	Measured Power [P _{Meas}] (dBm)	Limit [P _{Lim}] (dBm)	Conducted Margin (dB)	Antenna Gain [G] (dBi)	EIRP [E _{Meas}] (dBm)	EIRP Limit [E _{Lim}] (dBm)	EIRP Margin (dB)
2	2404.00	BT BR	GFSK	6.2	10.00	30	20.0	-3.8	6.2	36	29.8
38	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

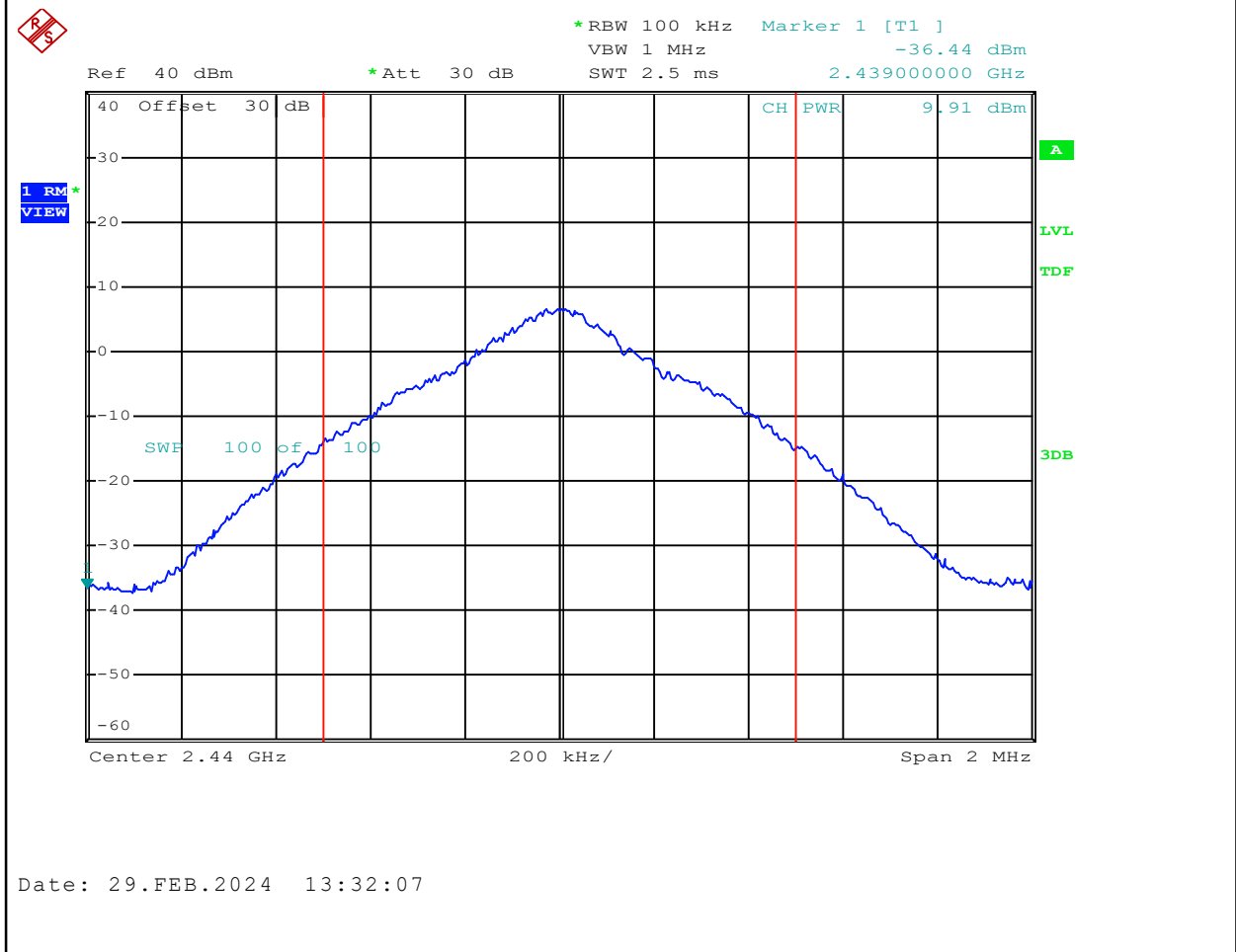
Mode: BT BR

Channel Frequency: 2404 MHz

Modulation: GFSK

Measured Channel Power: 10.01 dBm

Conducted Power:



Channel: 38

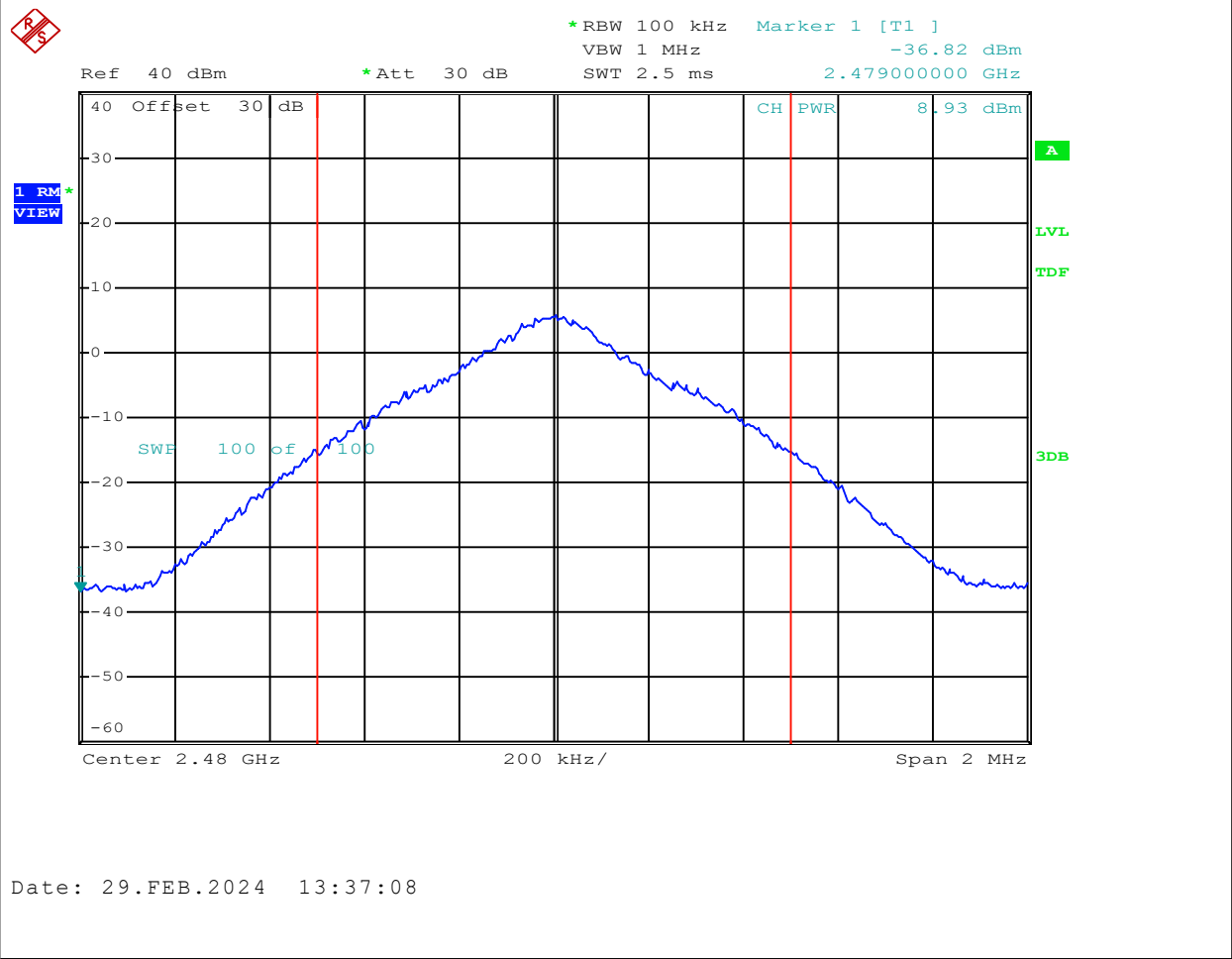
Mode: BT BR

Channel Frequency: 2440 MHz

Modulation:	GFSK
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Measured Channel Power: **9.91** dBm

Conducted Power:



Channel: 78

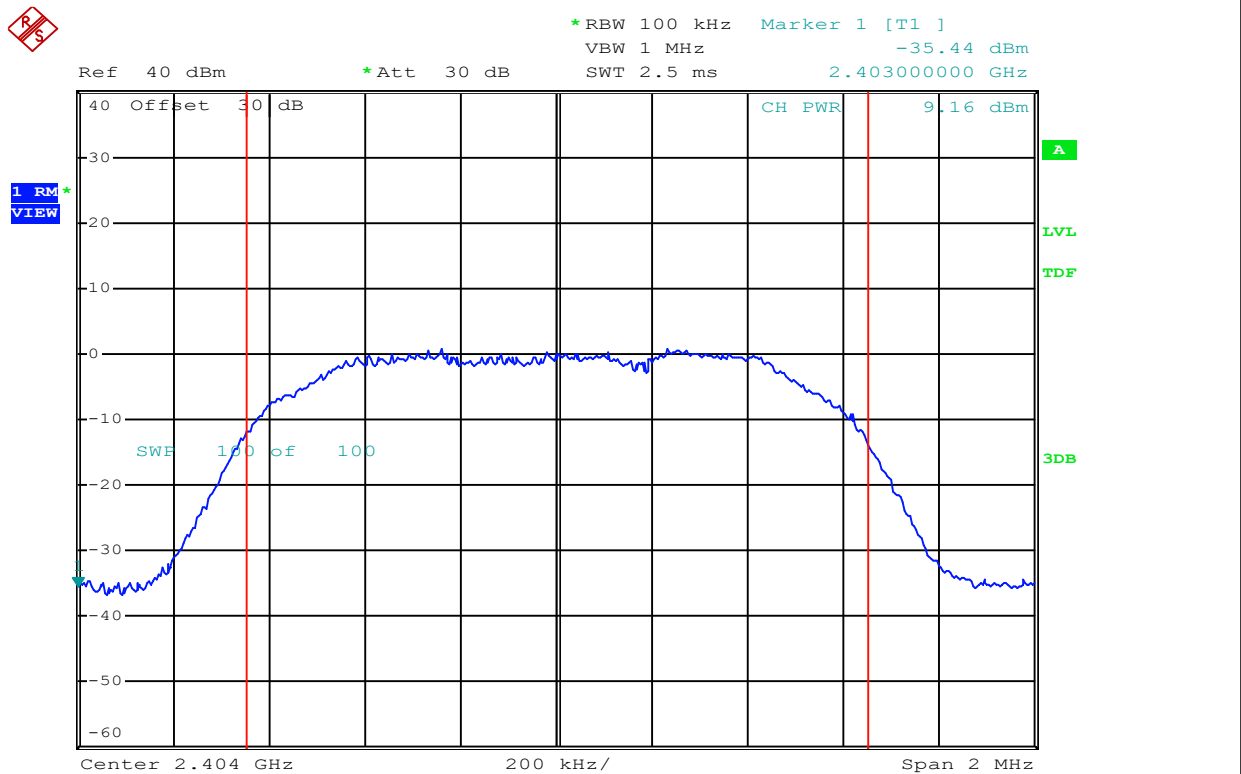
Mode: BT BR

Channel Frequency: 2480 MHz

Modulation: GFSK

Measured Channel Power: 8.93 dBm

Conducted Power:



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

Channel: 2

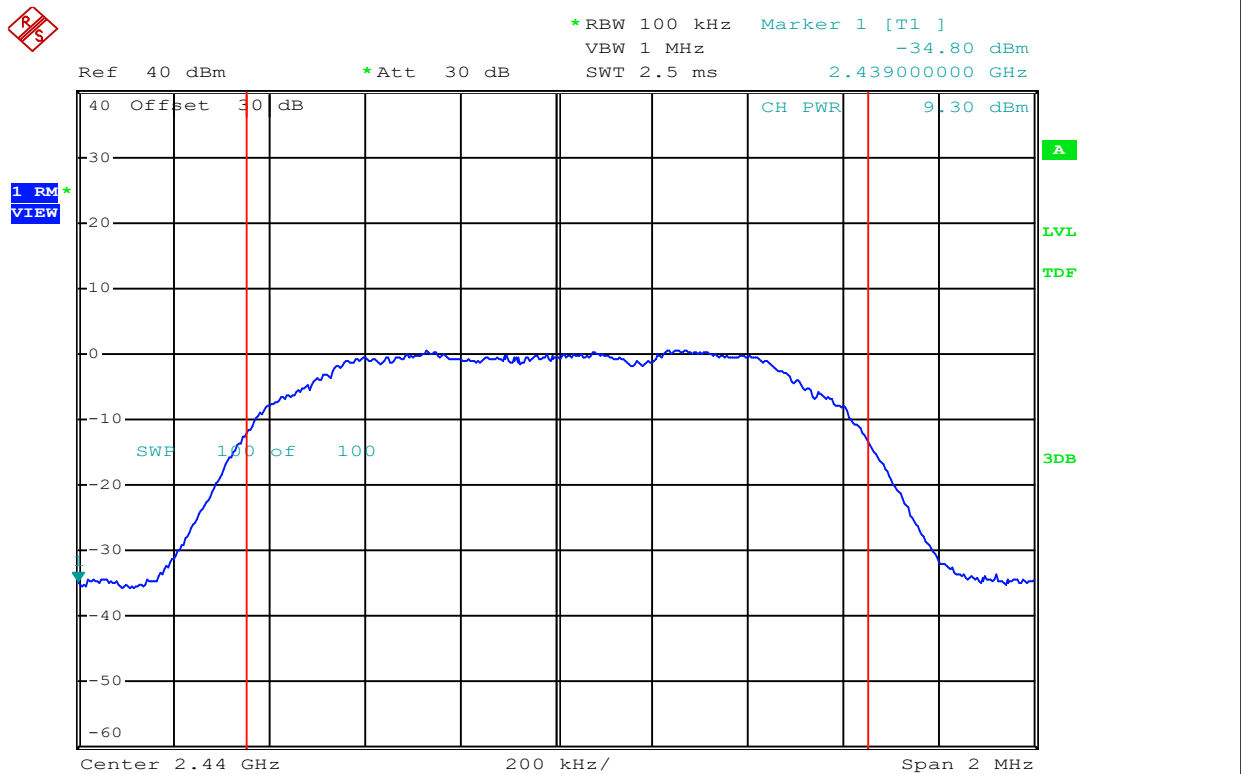
Mode: BT 2EDR

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

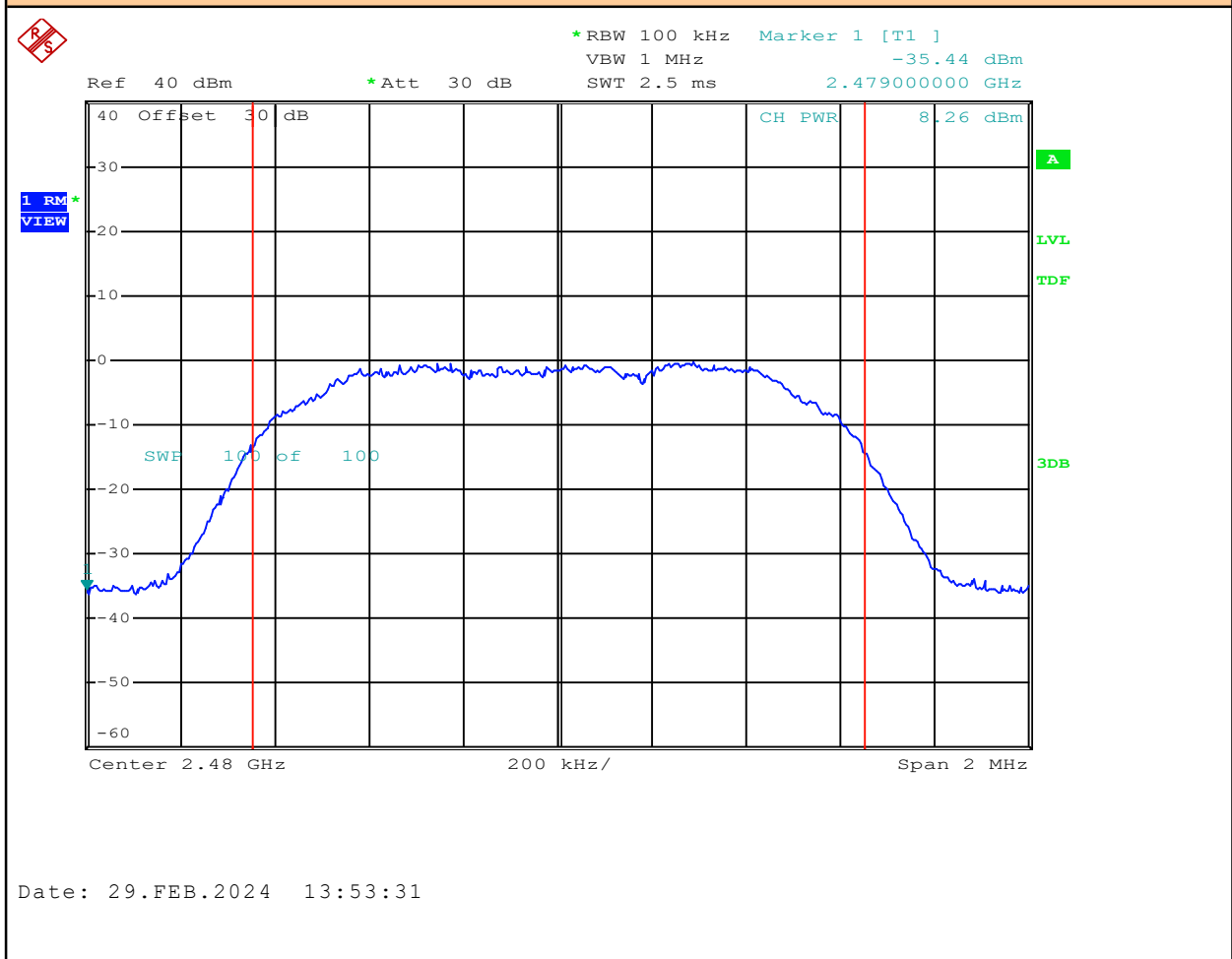
Mode: BT 2EDR

Channel Frequency: 2440 MHz

Modulation: **Pi/4-DQPSK**

Measured Channel Power: 9.3 dBm

Conducted Power:



Channel: 78

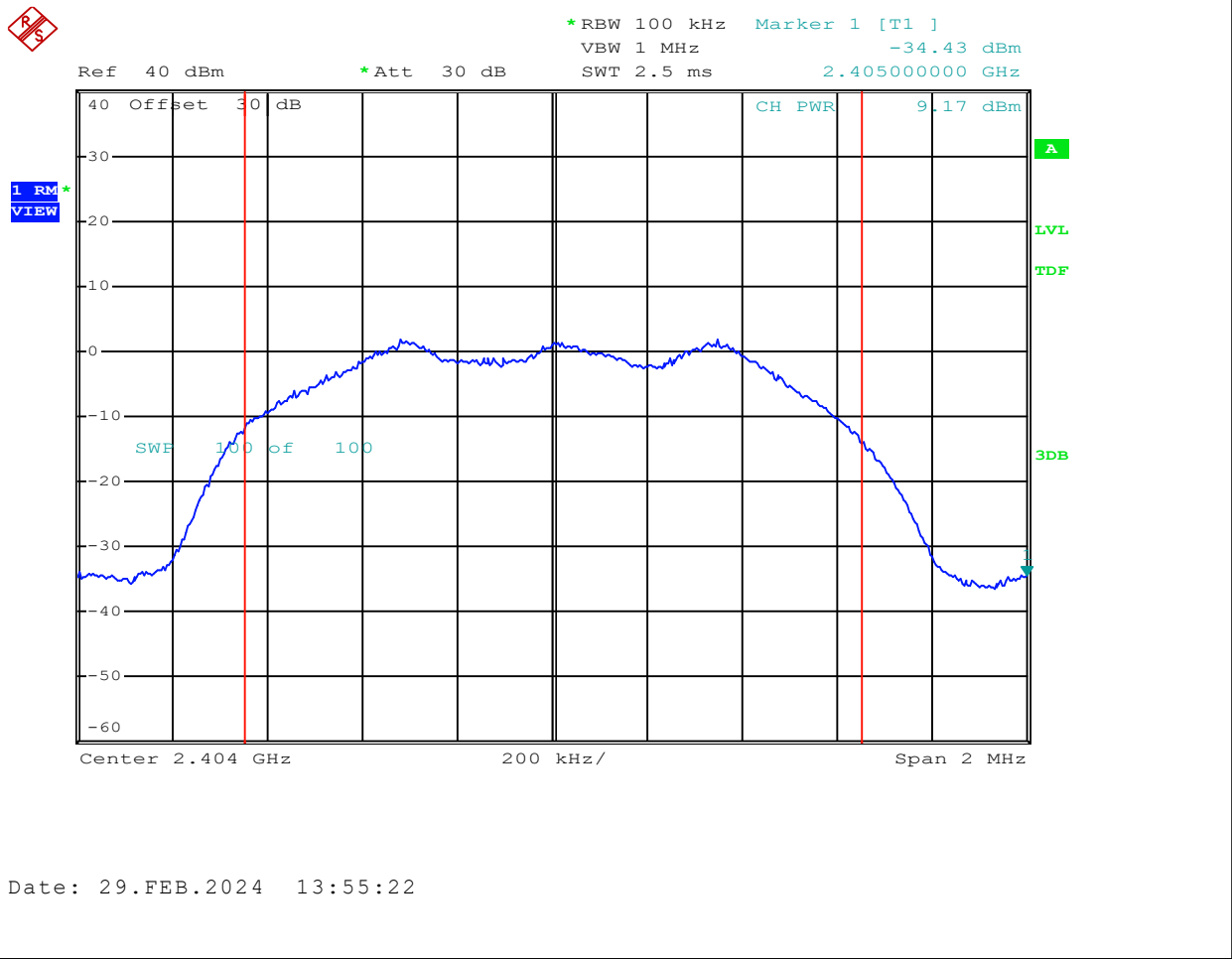
Mode: BT 2EDR

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

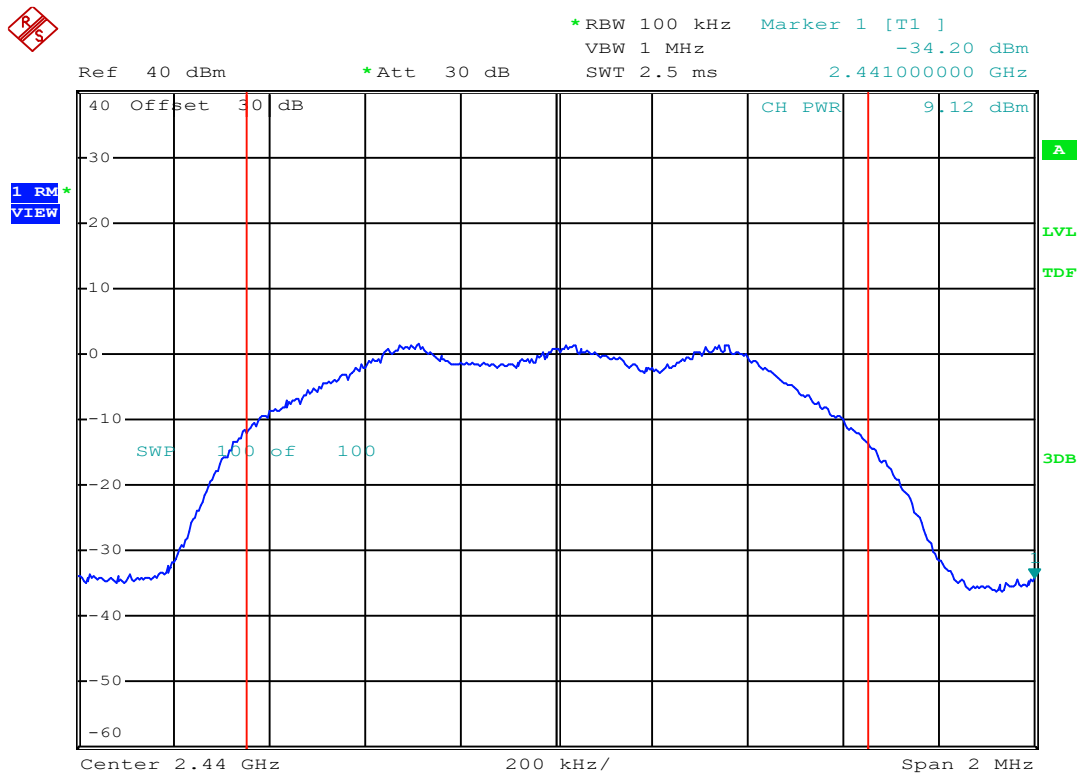
Mode: BT 3EDR

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

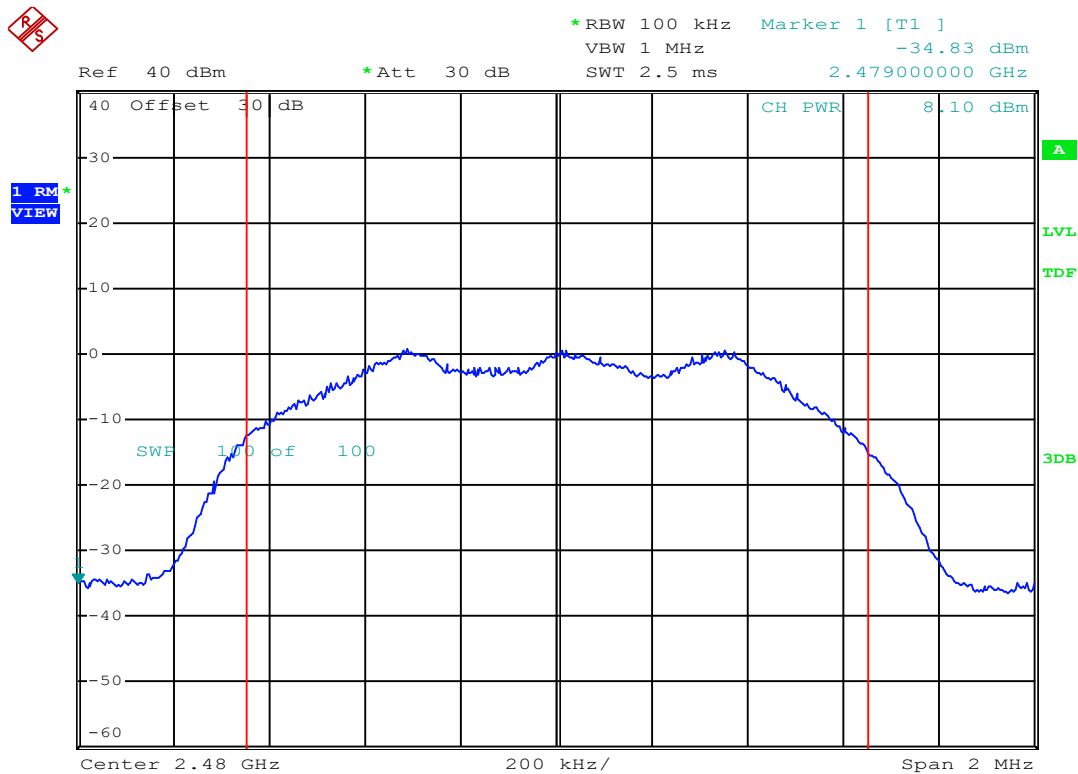
Mode: BT 3EDR

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