

Conducted Power Measurement Results: DTS

Channel Number	Channel Frequency (MHz)	Mode	Modulation	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	16.230	30	13.8	-3.9	12.3	36	23.7
			CCK 2	16.370		13.6		12.5		23.5
			DSSS 5.5	16.470		13.5		12.6		23.4
			DSSS 11	16.300		13.7		12.4		23.6
1	2412.00		CCK1	14.150		15.9		10.3		25.8
11	2462.00			16.780		13.2		12.9		23.1
13	2472.00			16.910		13.1		13.0		23.0
1	2412.00		DSSS 5.5	13.670		16.3		9.8		26.2
11	2462.00			17.310		12.7		13.4		22.6
13	2472.00			14.380		15.6		10.5		25.5
6	2437.00	802.11g	OFDM6	17.490		12.5		13.6		22.4
			OFDM9	17.220		12.8		13.3		22.7
			OFDM12	17.390		12.6		13.5		22.5
1	2412.00		OFDM6	15.440		14.6		11.5		24.5
11	2462.00			13.620		16.4		9.7		26.3
13	2472.00			10.500		19.5		6.6		29.4
6	2437.00	802.11n	MCS0	15.330		14.7		11.4		24.6
			MCS3	14.390		15.6		10.5		25.5
			MCS7	10.000		20.0		6.1		29.9
1	2412.00		MCS0	14.300		15.7		10.4		25.6
11	2462.00			13.240		16.8		9.3		26.7
13	2472.00			11.120		18.9		7.2		28.8

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

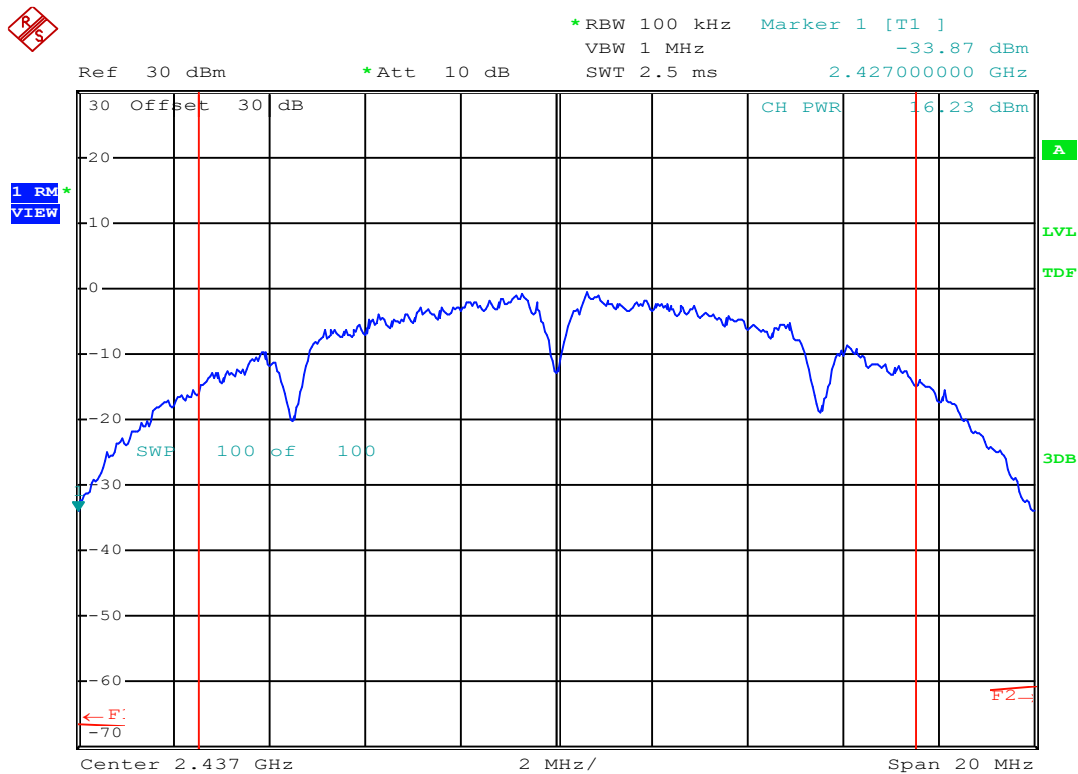
Channel Number	Channel Frequency (MHz)	Mode	Modulation	Measured Power [P _{Meas.}] (dBm)	Limit [P _{Lim.}] (dBm)	Conducted Margin (dB)	Antenna Gain [G] (dBi)	EIRP [E _{Meas.}] (dBm)	EIRP Limit [E _{Lim.}] (dBm)	EIRP Margin (dB)
37	2402.00	BLE 1mb	GMSK	-2.590	30	32.6	-3.9	-6.5	36	42.5
17	2440.00			1.660		28.3		-2.2		38.2
39	2480.00			-1.460		31.5		-5.4		41.4
1	2404.00	BLE 2mb	GMSK	0.870		29.1		-3.0		39.0
17	2440.00			1.800		28.2		-2.1		38.1
39	2480.00			-1.820		31.8		-5.7		41.7
2	2402.00	ANT	GFSK	-2.430		32.4		-6.3		42.3
38	2440.00			1.740		28.3		-2.2		38.2
80	2480.00			-1.380		31.4		-5.3		41.3
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: 15.APR.2024 18:08:31

Channel: 6

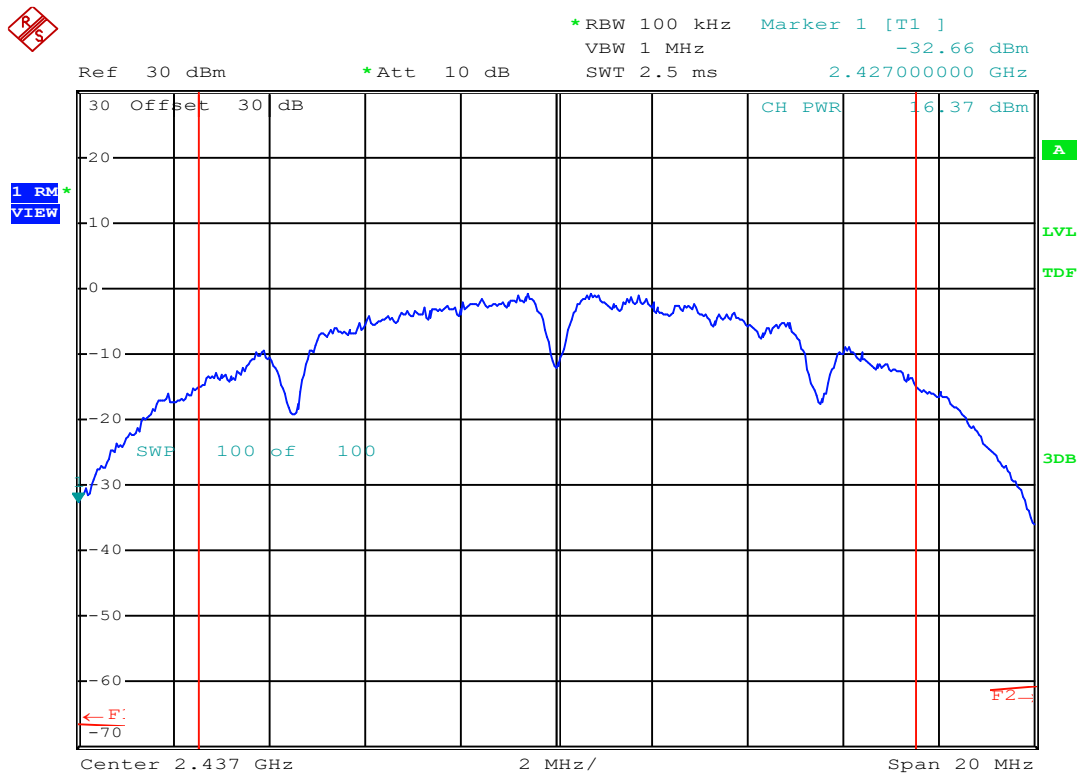
Mode: 802.11b

Channel Frequency: 2437 MHz

Modulation: CCK 1

Measured Channel Power: 16.23 dBm

Conducted Power:



Date: 15.APR.2024 18:09:24

Channel: 6

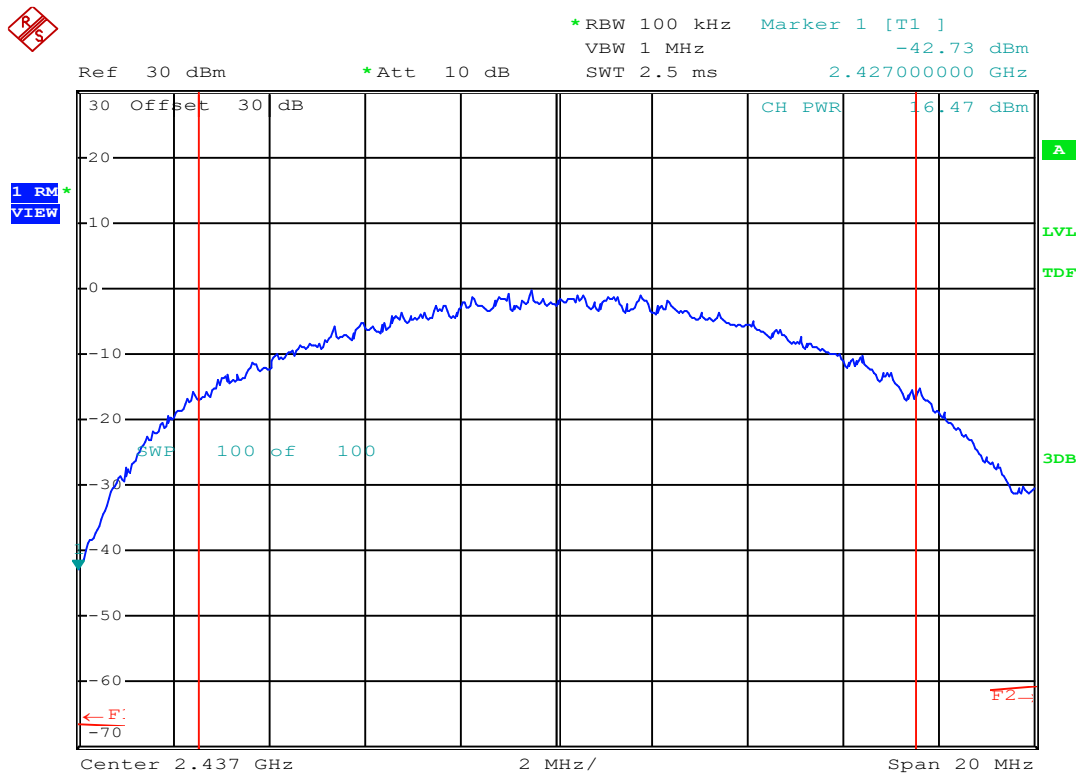
Mode: 802.11b

Channel Frequency: 2437 MHz

Modulation: CCK 2

Measured Channel Power: 16.37 dBm

Conducted Power:



Date: 15.APR.2024 18:06:34

Channel: 6

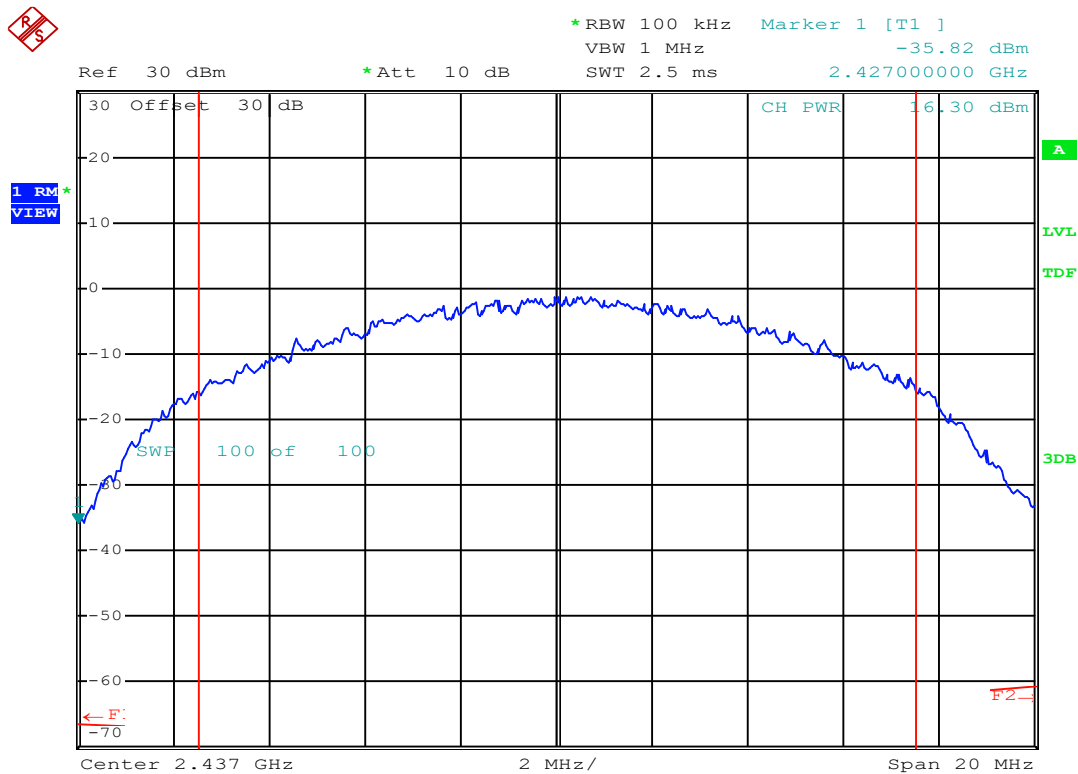
Mode: 802.11b

Channel Frequency: 2437 MHz

Modulation: **DSSS 5.5**

Measured Channel Power: 16.47 dBm

Conducted Power:



Date: 15.APR.2024 18:07:23

Channel: 6

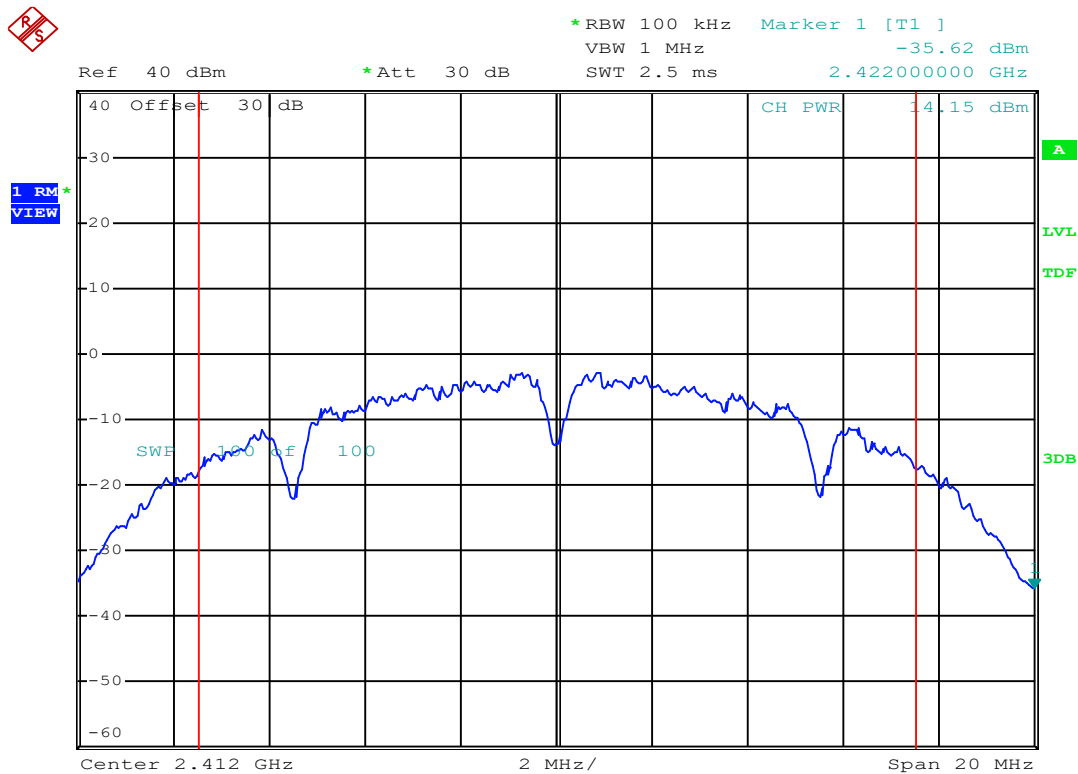
Mode: 802.11b

Channel Frequency: 2437 MHz

Modulation: DSSS 11

Measured Channel Power: 16.3 dBm

Conducted Power:



Date: 12.APR.2024 19:47:22

Channel: 1

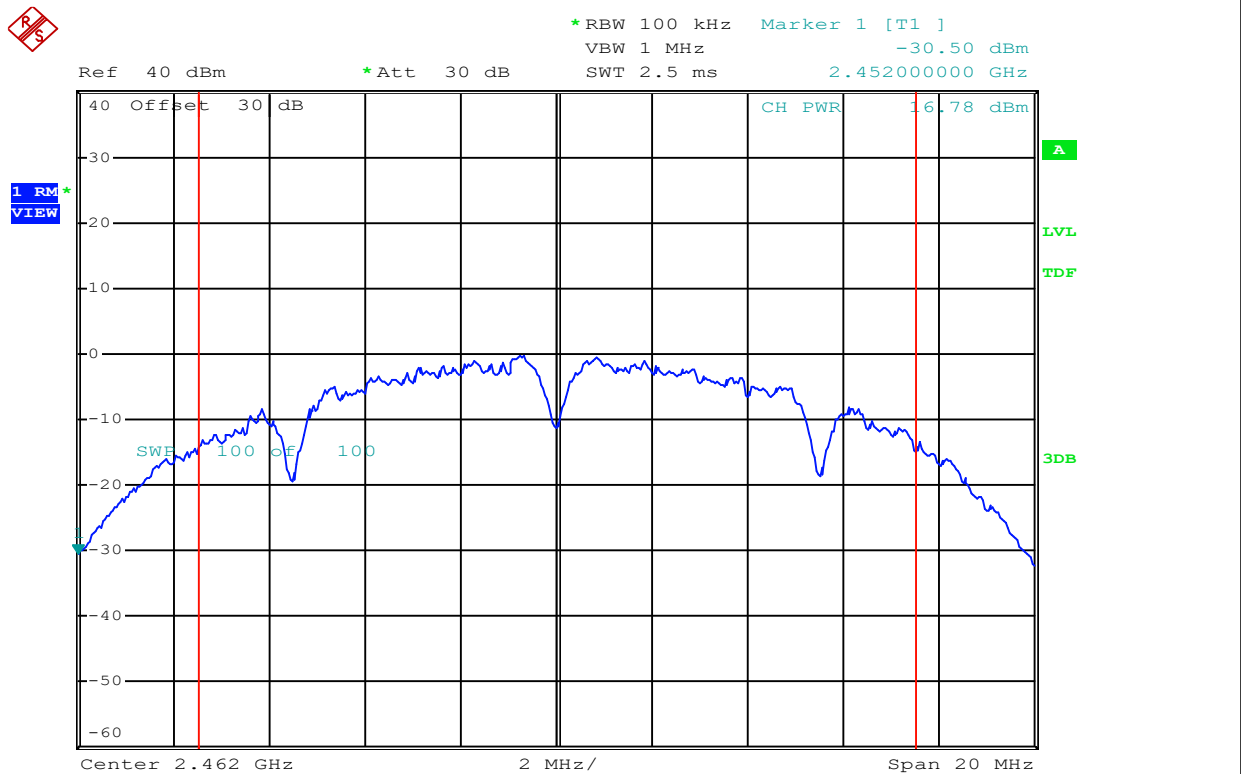
Mode: 802.11b

Channel Frequency: 2412 MHz

Modulation: CCK1

Measured Channel Power: 14.15 dBm

Conducted Power:



Date: 12.APR.2024 19:48:13

Channel: 11

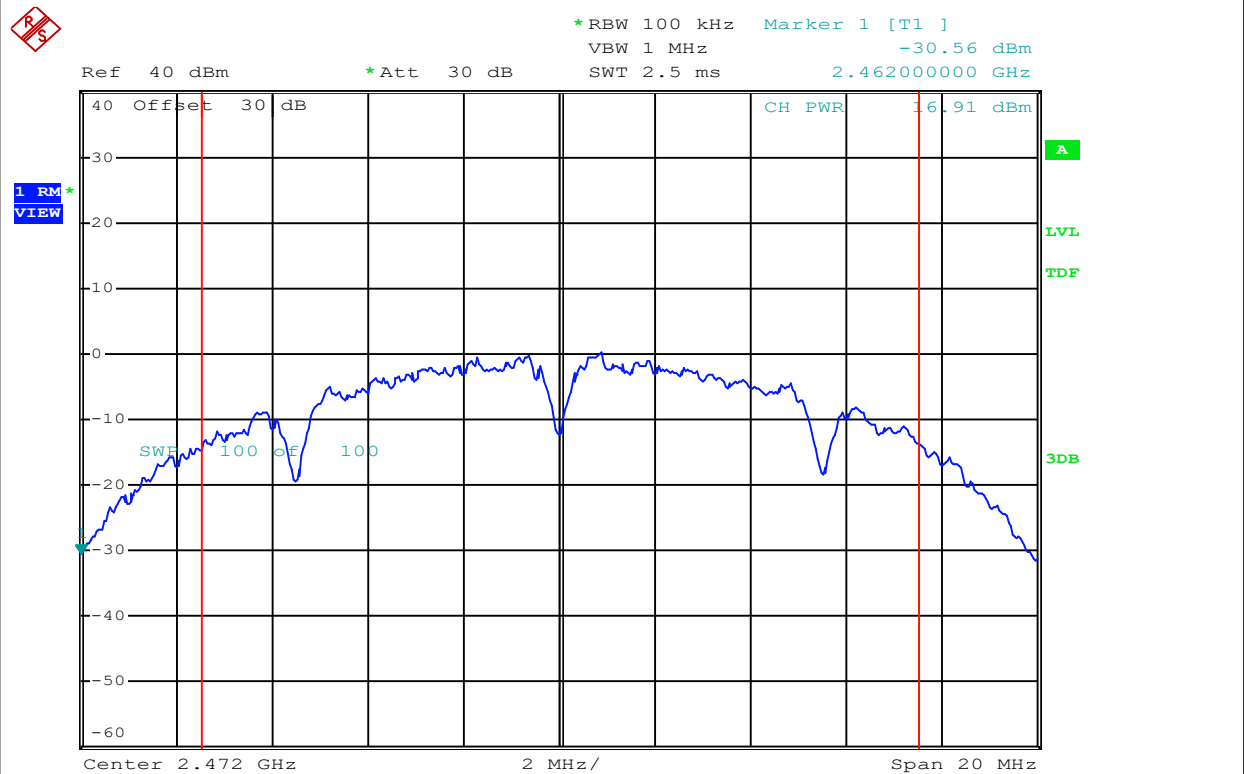
Mode: 802.11b

Channel Frequency: **2462** MHz

Modulation: CCK1

Measured Channel Power: 16.78 dBm

Conducted Power:



Date: 12.APR.2024 19:49:34

Channel: 13

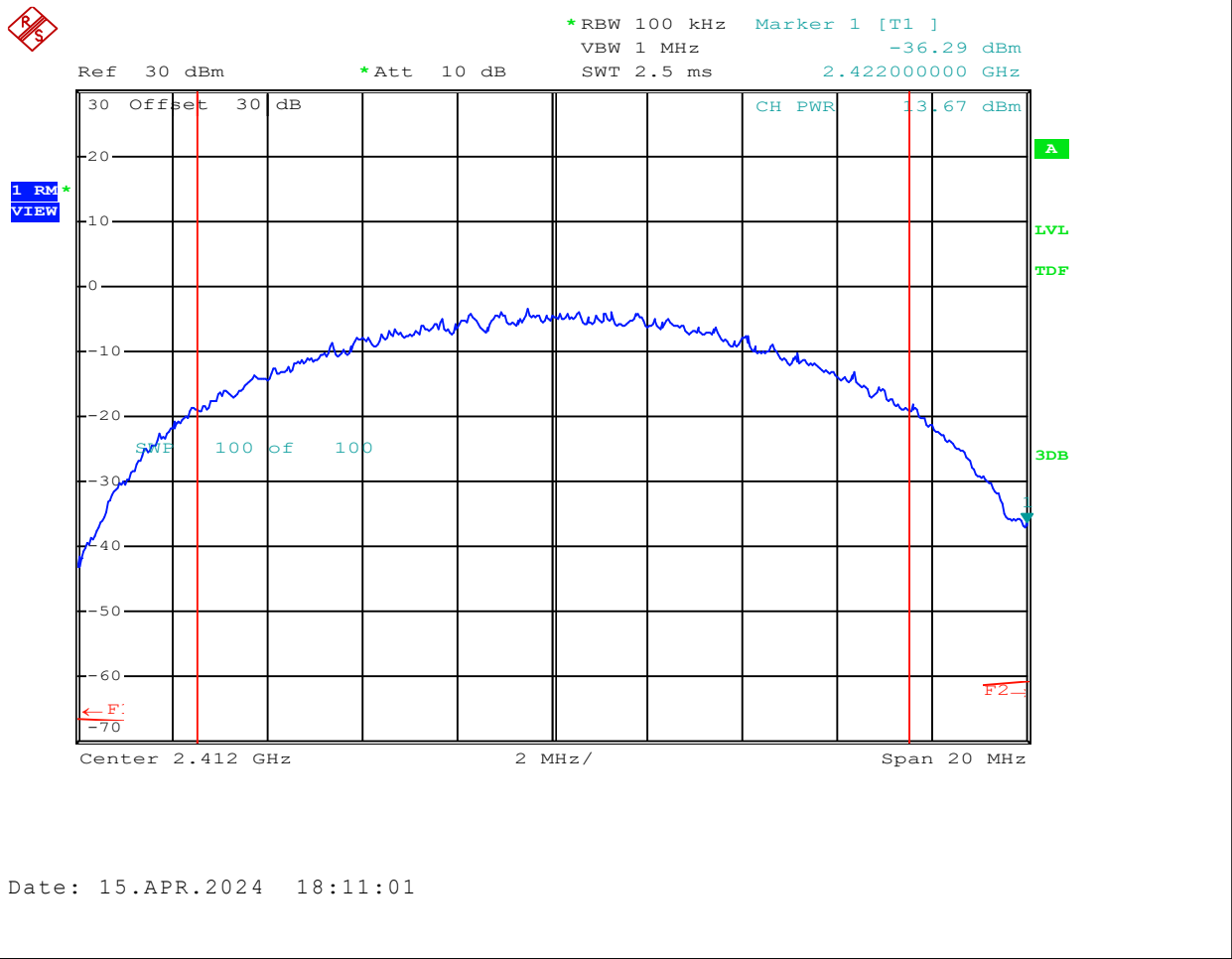
Mode: 802.11b

Channel Frequency: 2472 MHz

Modulation: CCK1

Measured Channel Power: 16.91 dBm

Conducted Power:



Channel: 1

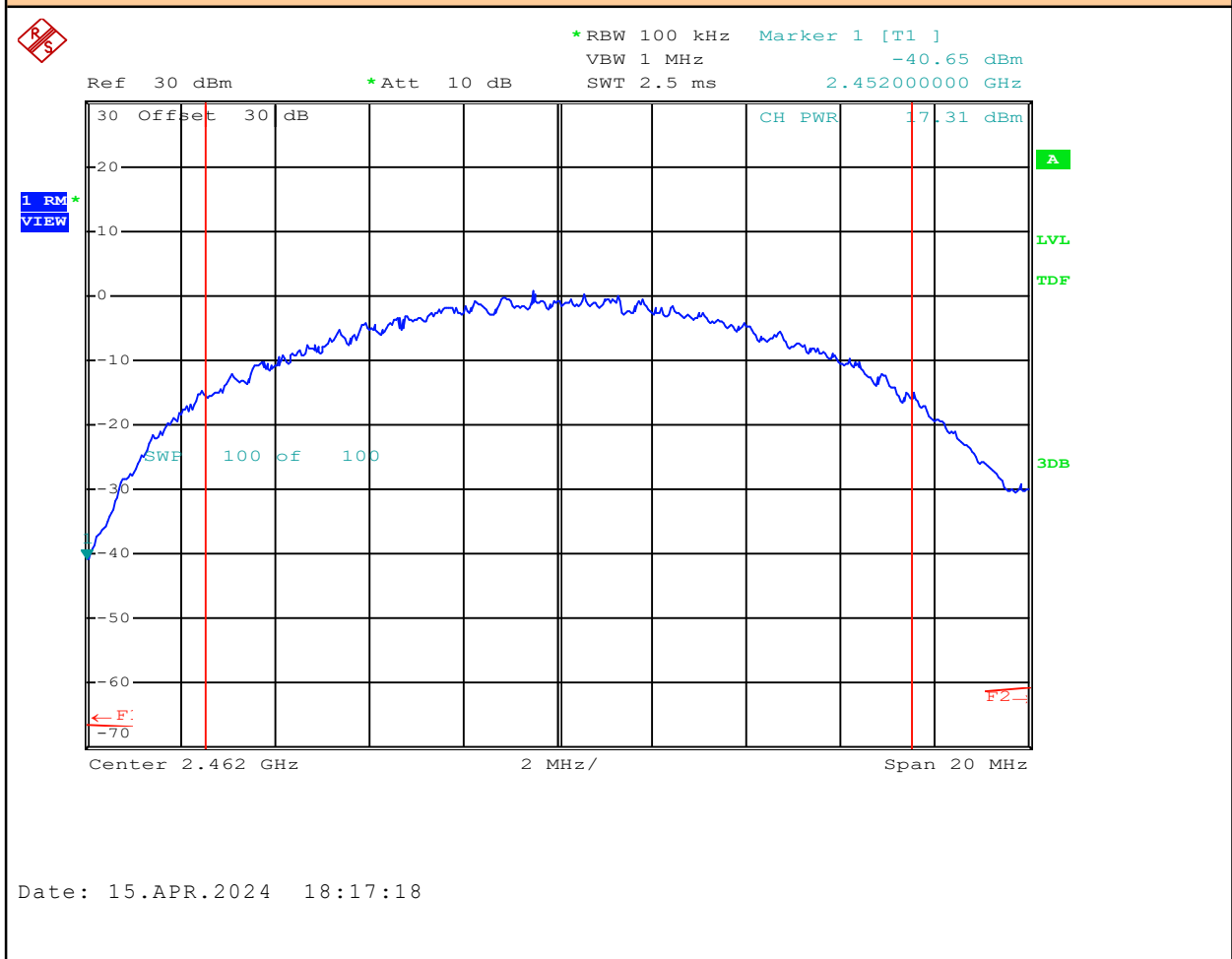
Mode: 802.11b

Channel Frequency: **2412** MHz

Modulation: **DSSS 5.5**

Measured Channel Power: 13.67 dBm

Conducted Power:



Channel: 11

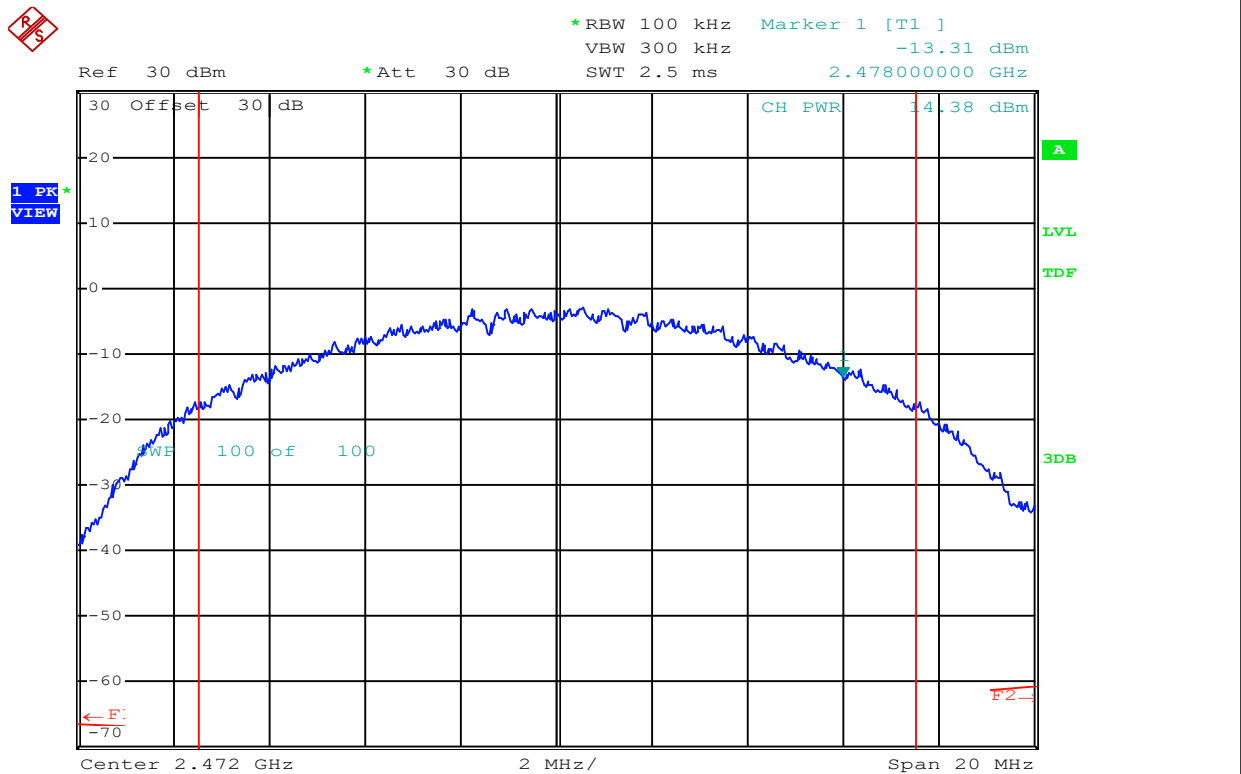
Mode:	802.11b
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Channel Frequency: 2462 MHz

Modulation:	DSSS 5.5
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Measured Channel Power: 17.31 dBm

Conducted Power:



Date: 15.APR.2024 15:14:54

Channel: 13

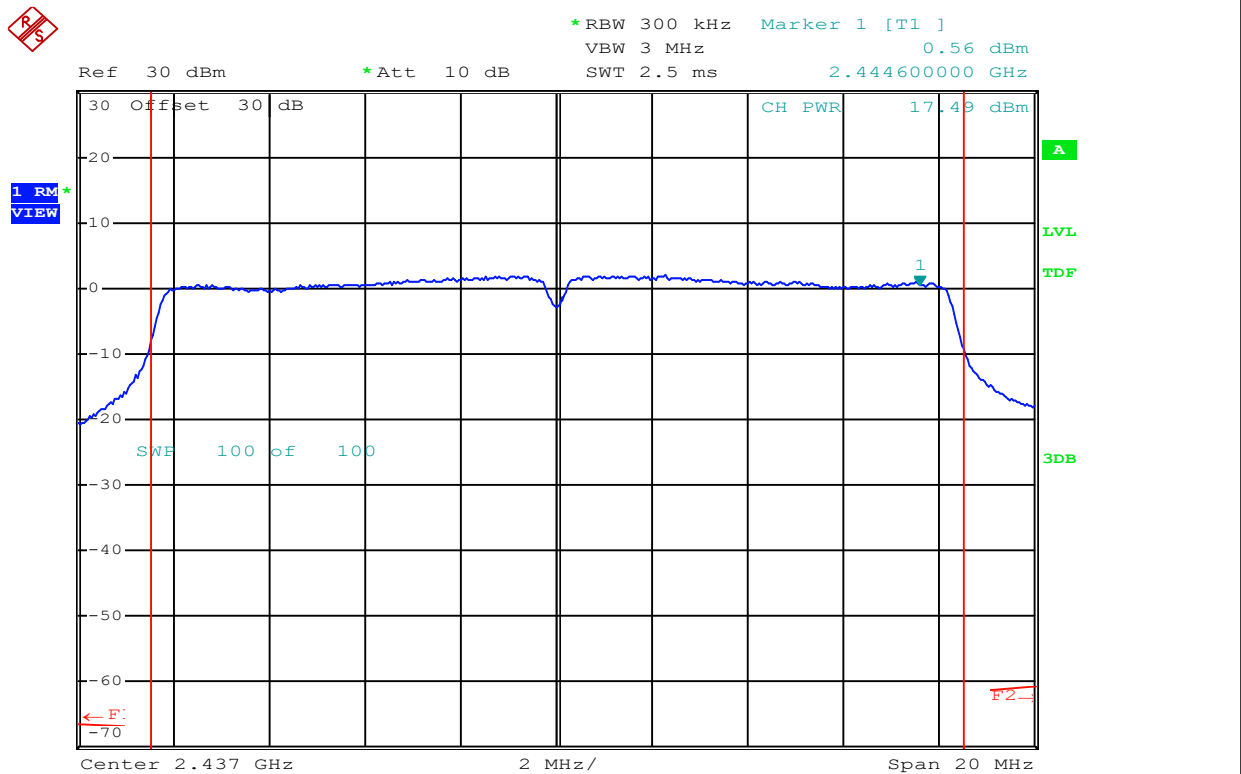
Mode: 802.11b

Channel Frequency: **2472** MHz

Modulation: **DSSS 5.5**

Measured Channel Power: 14.38 dBm

Conducted Power:



Date: 15.APR.2024 16:11:14

Channel: 6

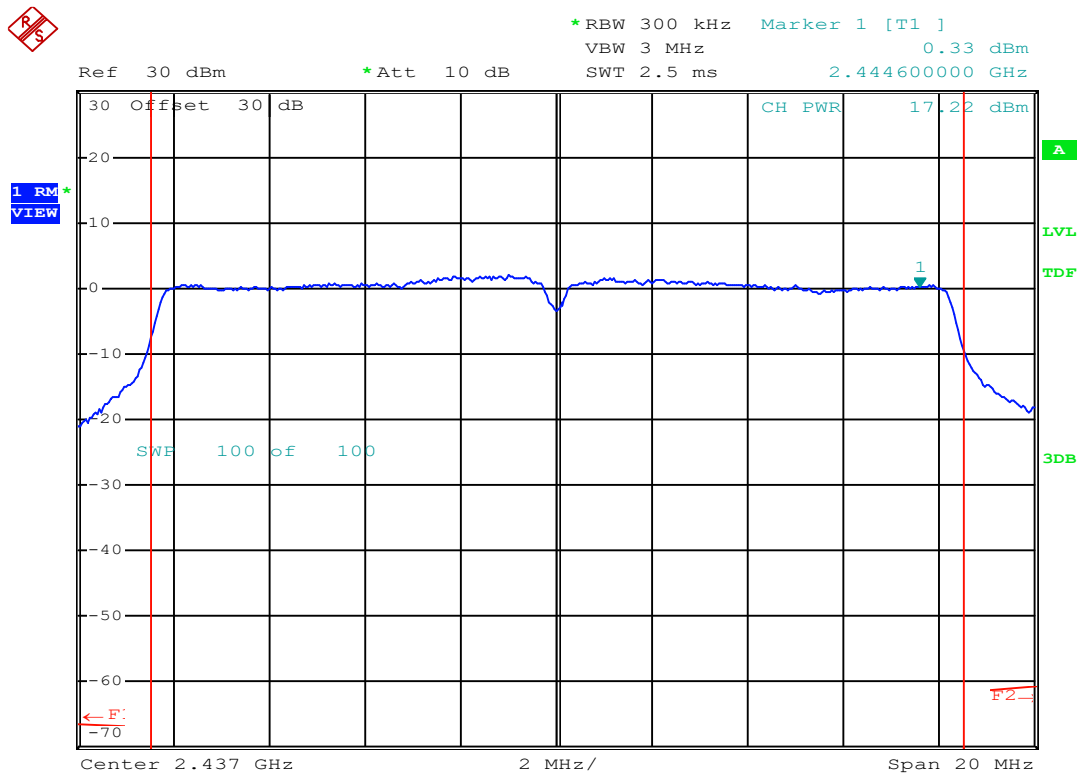
Mode: 802.11g

Channel Frequency: 2437 MHz

Modulation: OFDM6

Measured Channel Power: 17.49 dBm

Conducted Power:



Date: 15.APR.2024 16:11:59

Channel: 6

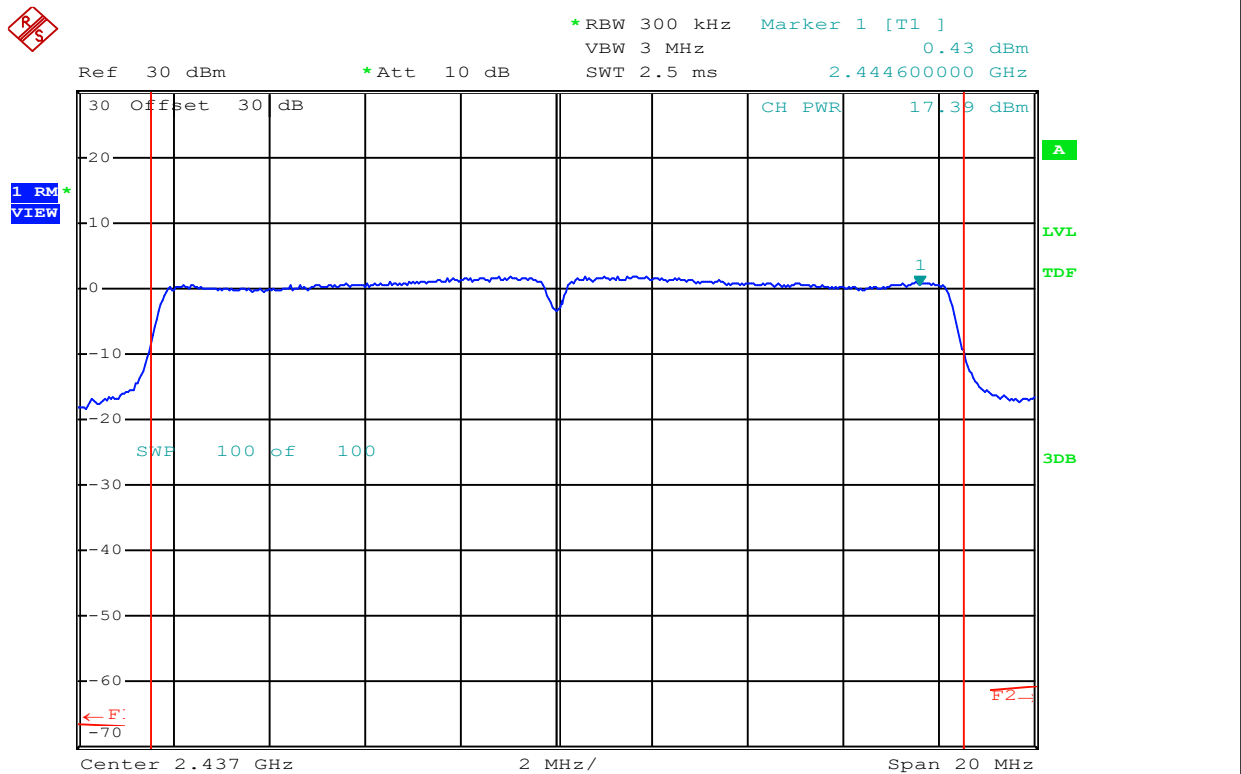
Mode: 802.11g

Channel Frequency: 2437 MHz

Modulation: OFDM9

Measured Channel Power: 17.22 dBm

Conducted Power:



Date: 15.APR.2024 16:13:13

Channel: 6

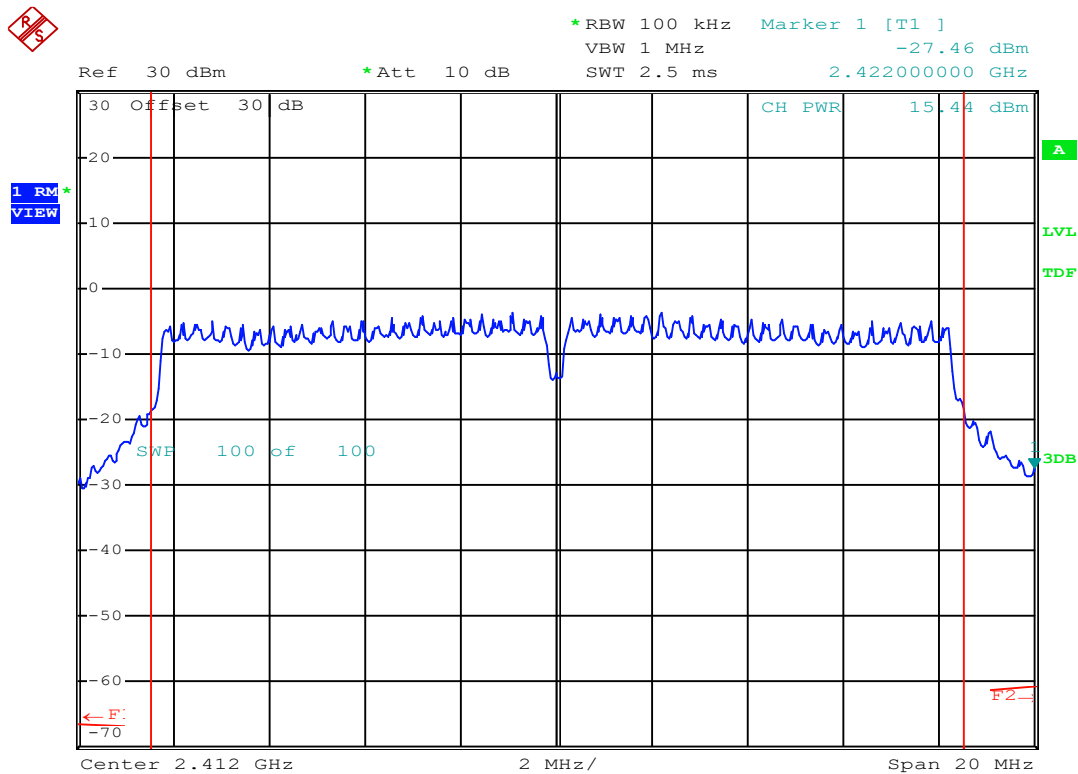
Mode: 802.11g

Channel Frequency: 2437 MHz

Modulation: OFDM12

Measured Channel Power: 17.39 dBm

Conducted Power:



Date: 15.APR.2024 17:13:54

Channel: 1

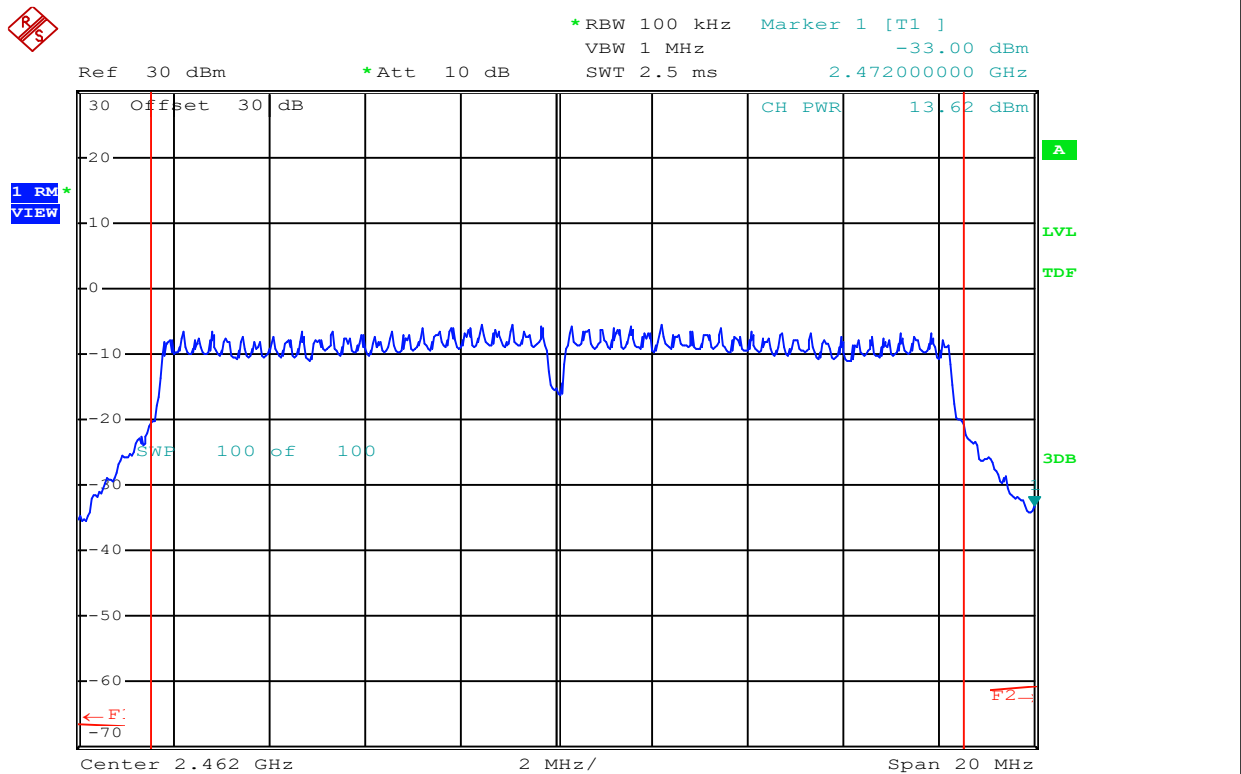
Mode: 802.11g

Channel Frequency: **2412** MHz

Modulation: OFDM6

Measured Channel Power: 15.44 dBm

Conducted Power:



Date: 15.APR.2024 17:05:57

Channel: 11

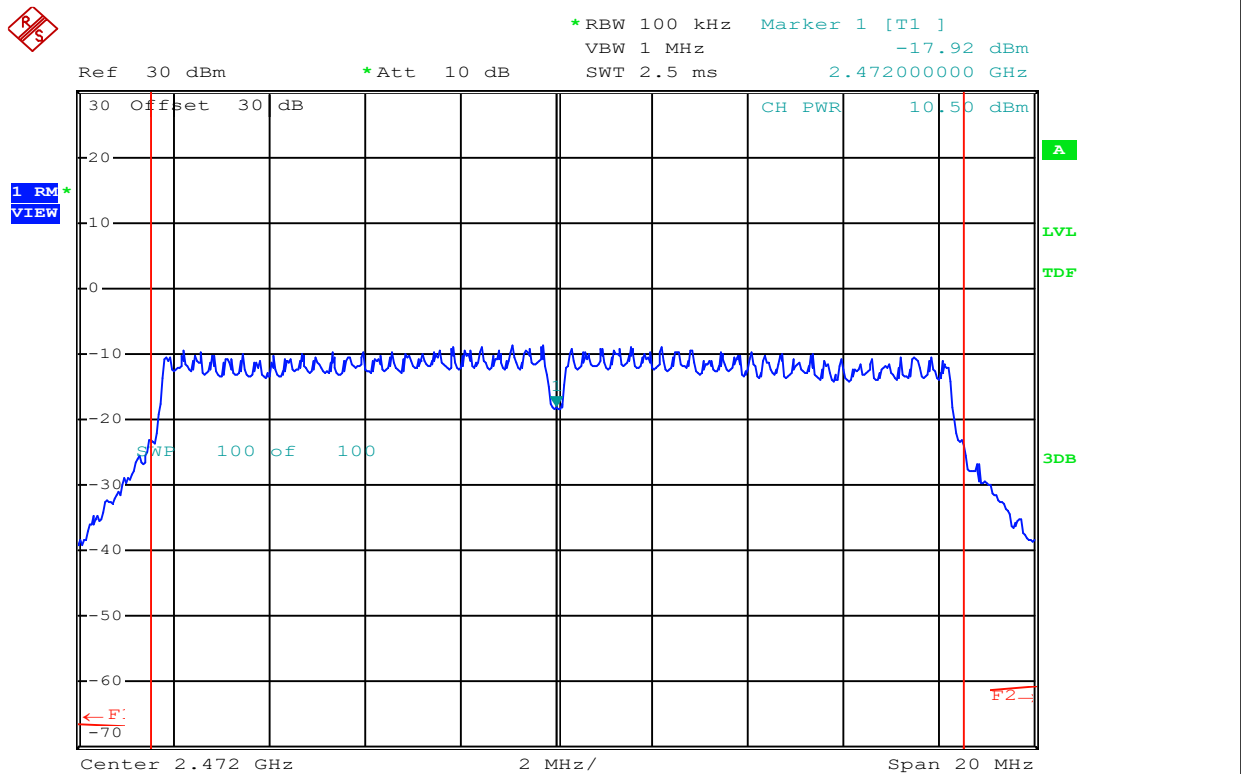
Mode: 802.11g

Channel Frequency: **2462** MHz

Modulation: OFDM6

Measured Channel Power: 13.62 dBm

Conducted Power:



Date: 15.APR.2024 17:12:50

Channel: 13

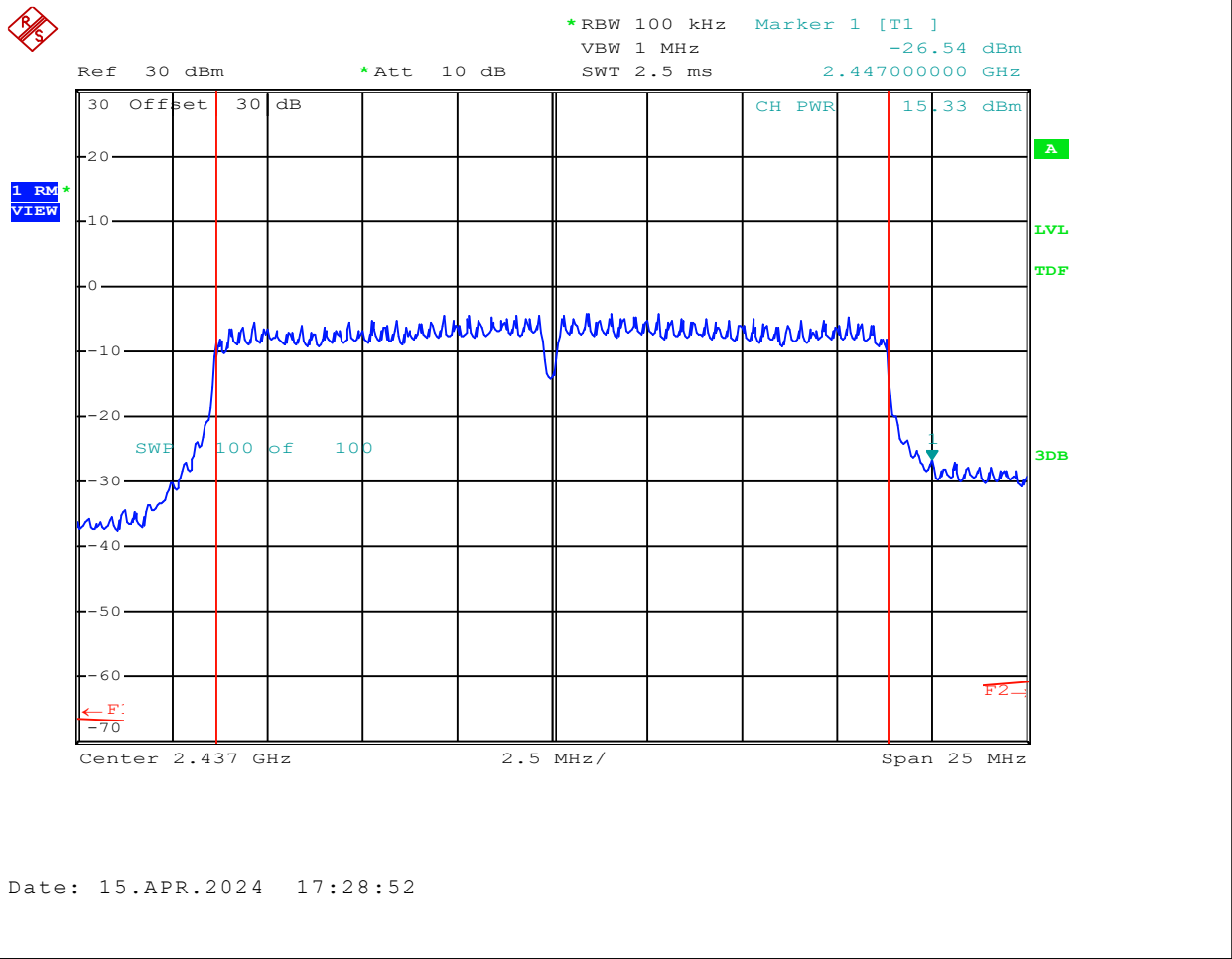
Mode: 802.11g

Channel Frequency: 2472 MHz

Modulation: OFDM12

Measured Channel Power: 10.5 dBm

Conducted Power:



Date: 15.APR.2024 17:28:52

Channel: 6

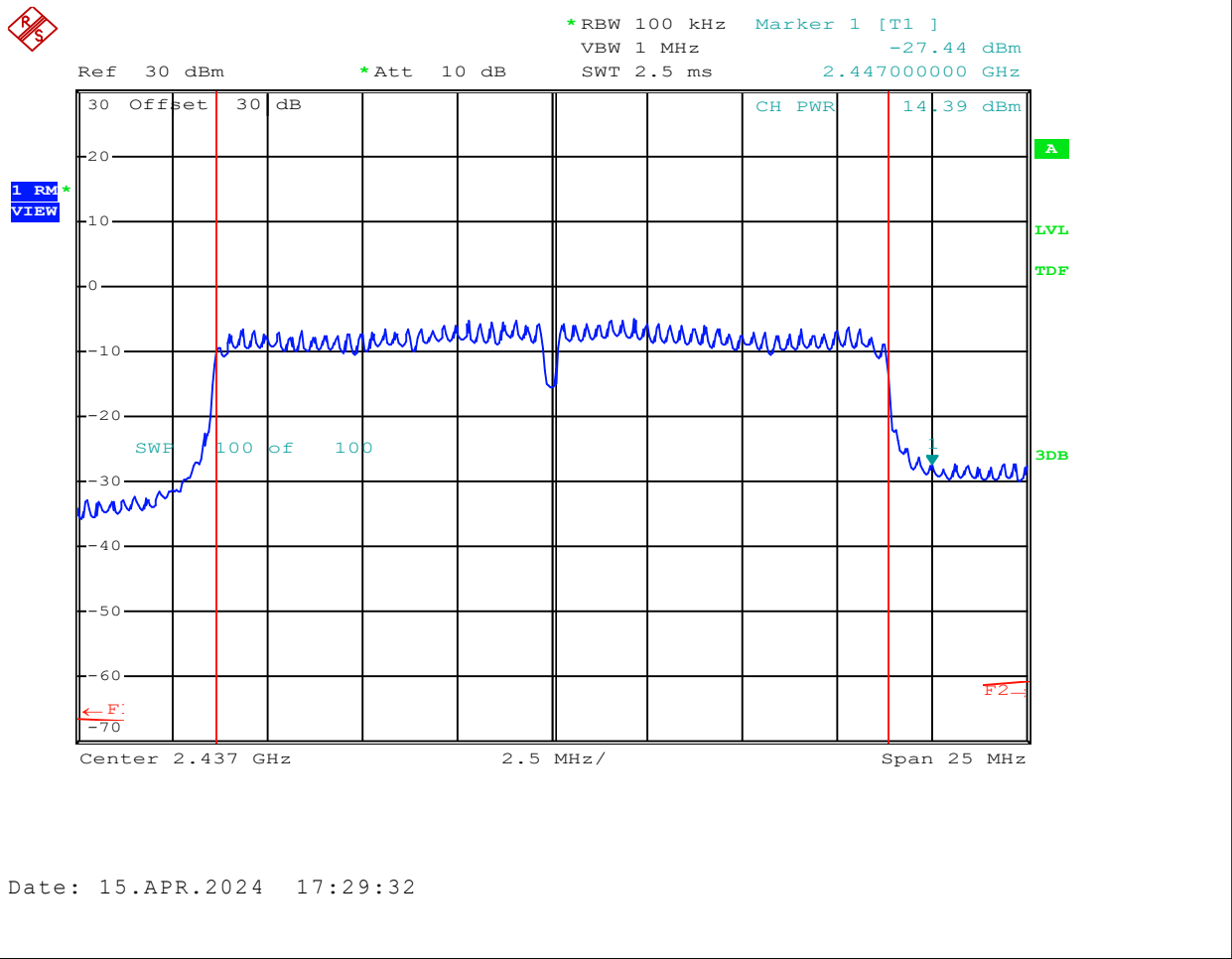
Mode: 802.11n

Channel Frequency: **2437** MHz

Modulation: MCS0

Measured Channel Power: 15.33 dBm

Conducted Power:



Date: 15.APR.2024 17:29:32

Channel:	6
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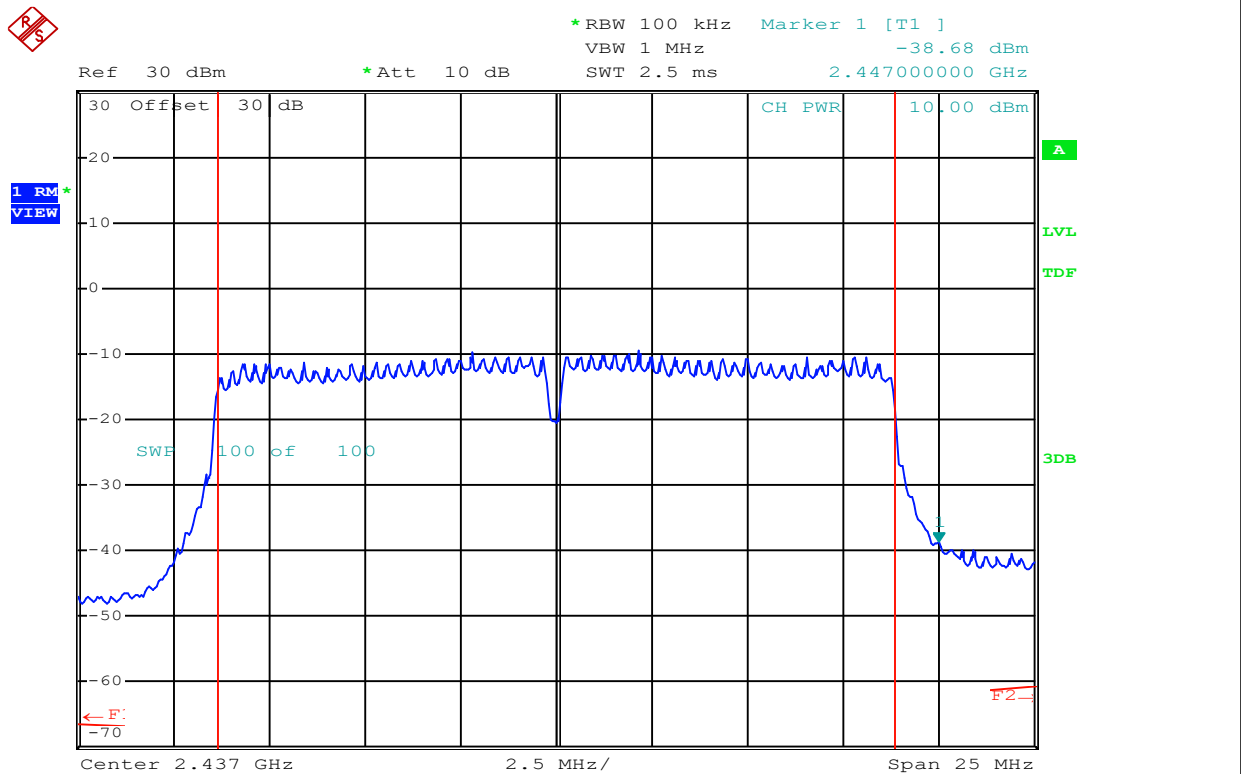
Mode:	802.11n
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Channel Frequency: **2437** MHz

Modulation:	MCS3
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Measured Channel Power: 14.39 dBm

Conducted Power:



Date: 15.APR.2024 17:30:23

Channel: 6

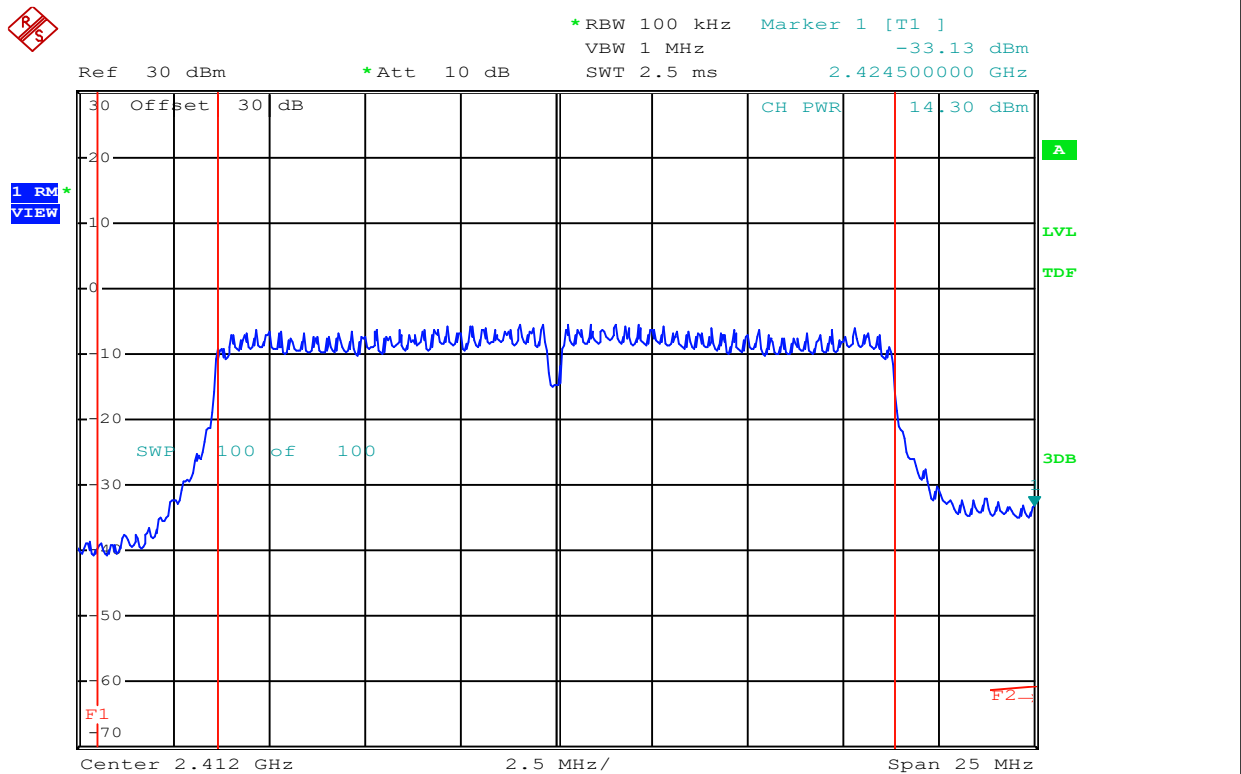
Mode: 802.11n

Channel Frequency: 2437 MHz

Modulation: MCS7

Measured Channel Power: dBm

Conducted Power:



Date: 15.APR.2024 17:47:20

Channel: 1

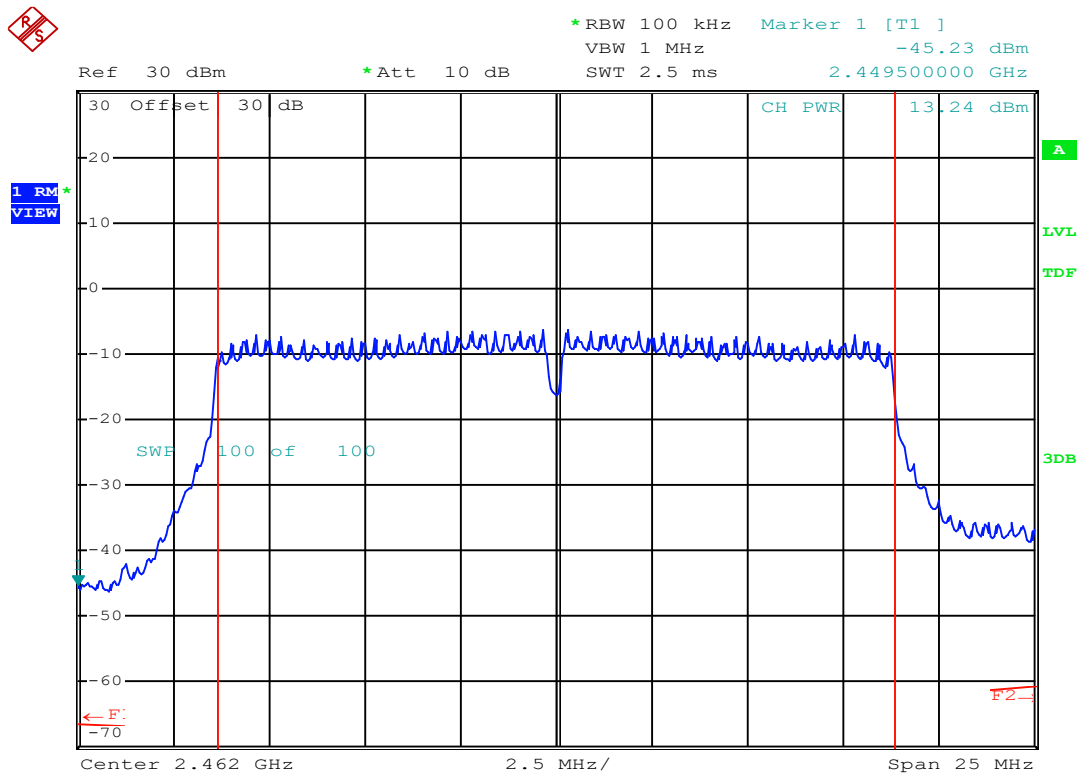
Mode: 802.11n

Channel Frequency: **2412** MHz

Modulation: MCS0

Measured Channel Power: 14.3 dBm

Conducted Power:



Date: 15.APR.2024 17:54:28

Channel: 11

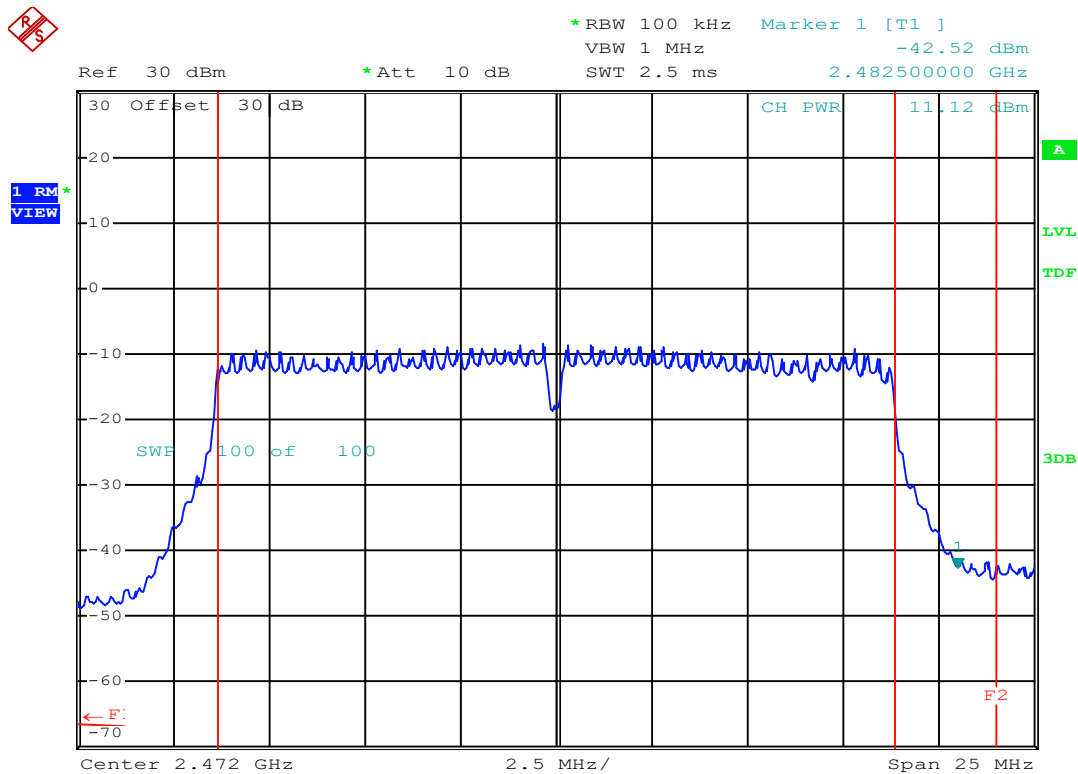
Mode: 802.11n

Channel Frequency: **2462** MHz

Modulation: MCS0

Measured Channel Power: 13.24 dBm

Conducted Power:



Date: 15.APR.2024 17:46:25

Channel: 13

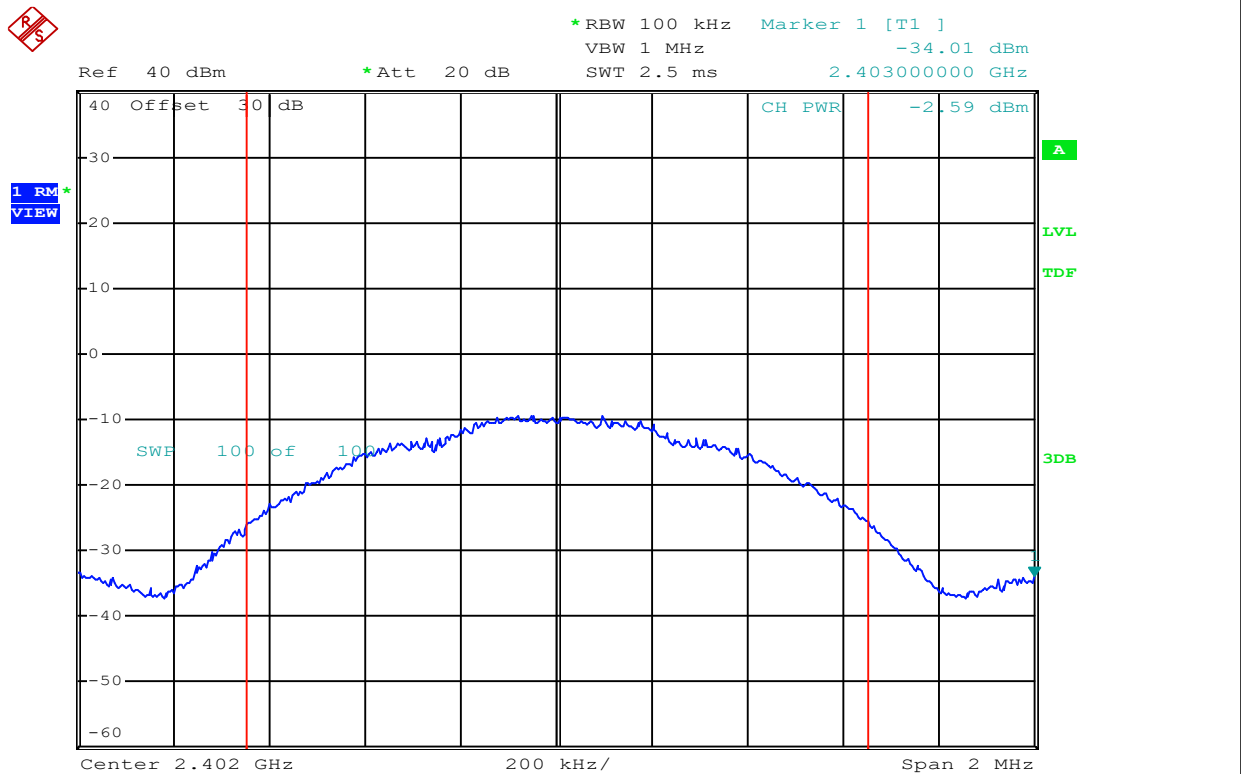
Mode: 802.11n

Channel Frequency: 2472 MHz

Modulation: MCS0

Measured Channel Power: 11.12 dBm

Conducted Power:



Date: 10.JUN.2024 14:44:28

Channel: 37

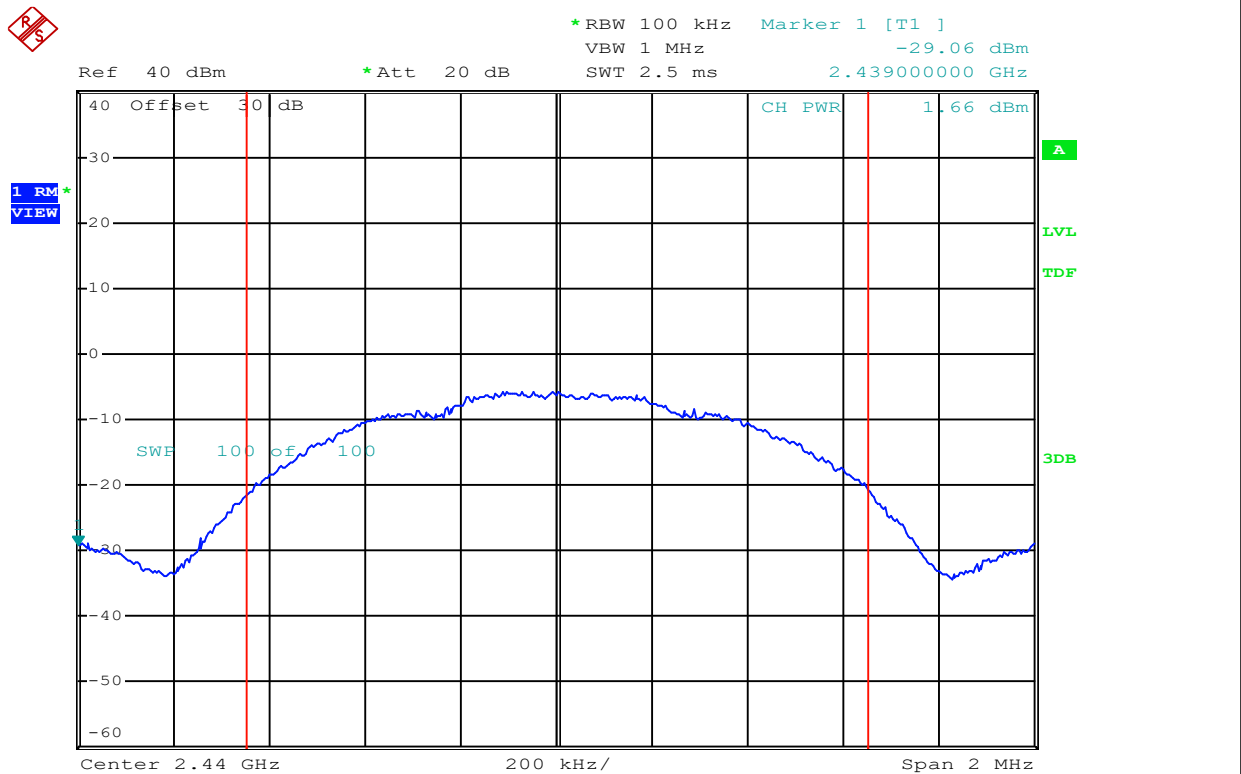
Mode: BLE 1mb

Channel Frequency: 2402 MHz

Modulation: **GMSK**

Measured Channel Power: **-2.59** dBm

Conducted Power:



Date: 10.JUN.2024 14:45:13

Channel: 17

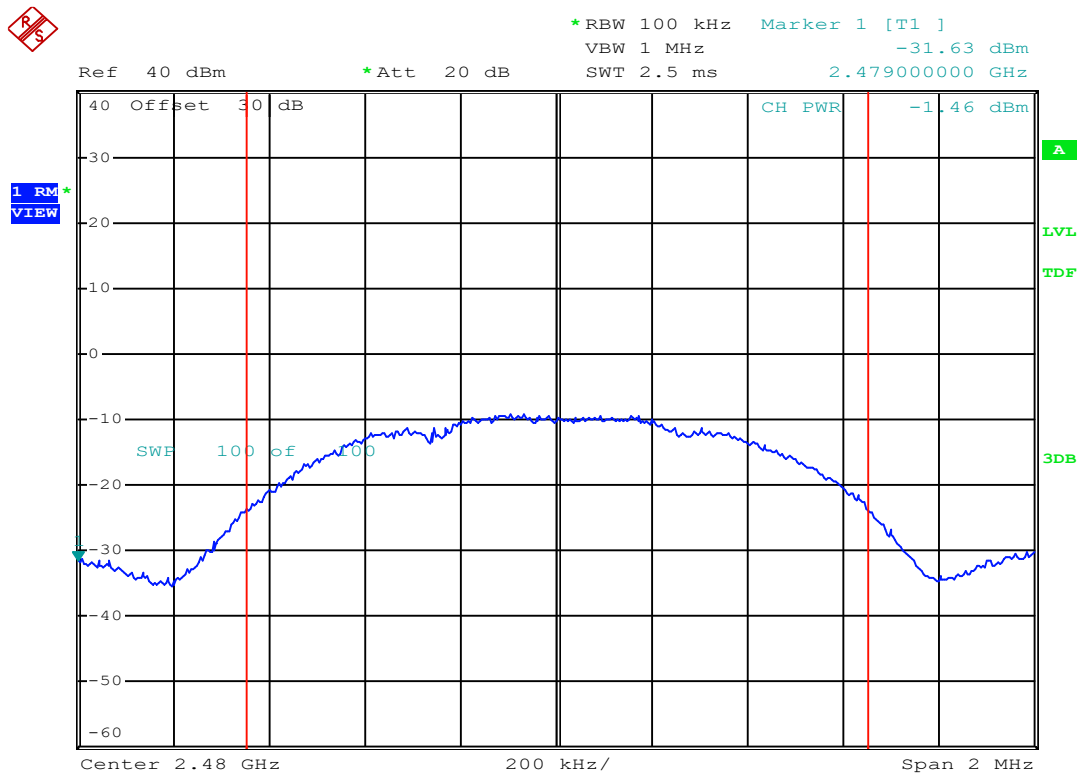
Mode: BLE 1mb

Channel Frequency: 2440 MHz

Modulation: **GMSK**

Measured Channel Power: 1.66 dBm

Conducted Power:



Date: 10.JUN.2024 14:43:23

Channel: 39

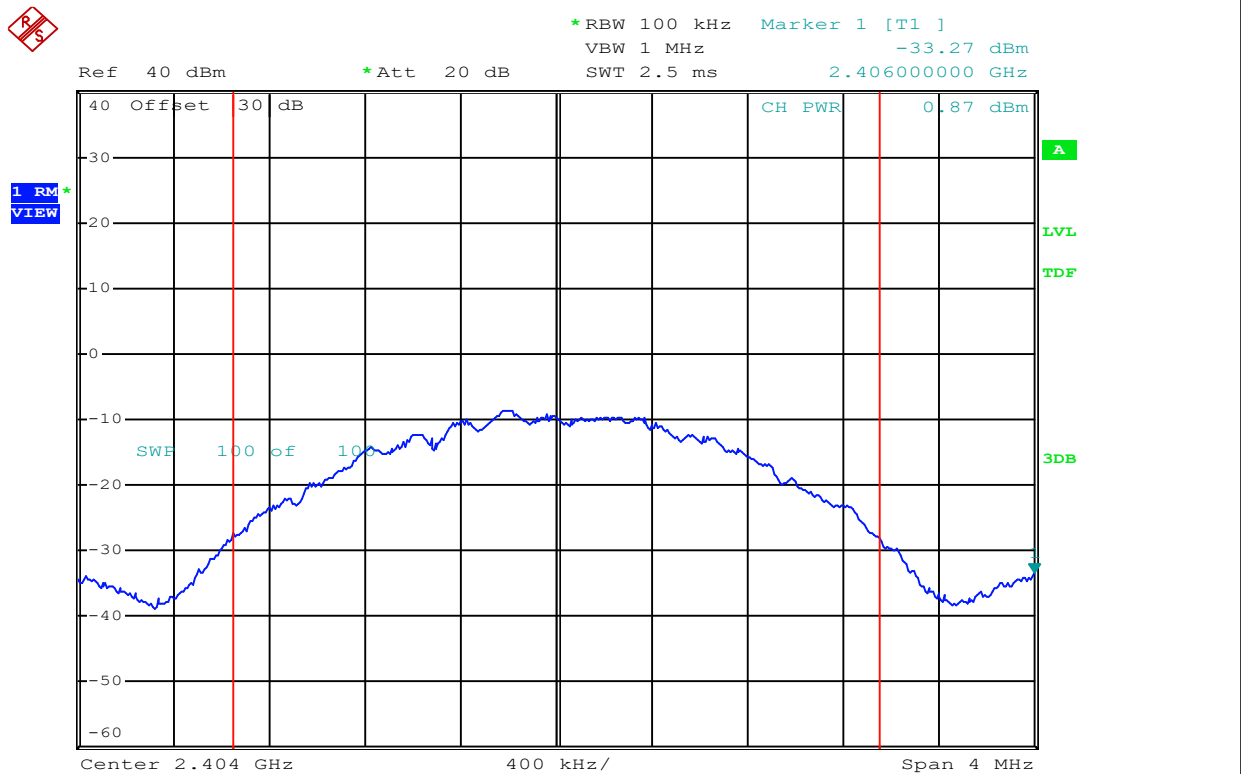
Mode: BLE 1mb

Channel Frequency: 2480 MHz

Modulation: **GMSK**

Measured Channel Power: -1.46 dBm

Conducted Power:



Date: 10.JUN.2024 14:48:41

Channel: 1

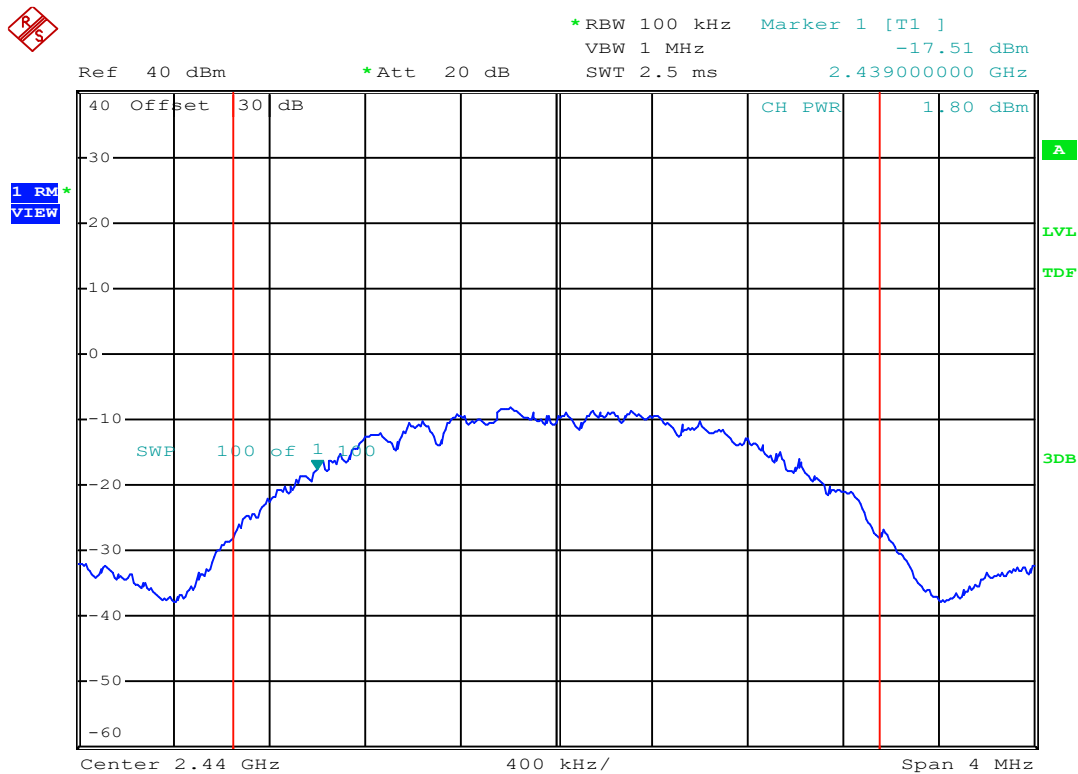
Mode: BLE 2mb

Channel Frequency: 2404 MHz

Modulation: **GMSK**

Measured Channel Power: 0.87 dBm

Conducted Power:



Date: 10.JUN.2024 14:46:49

Channel: 17

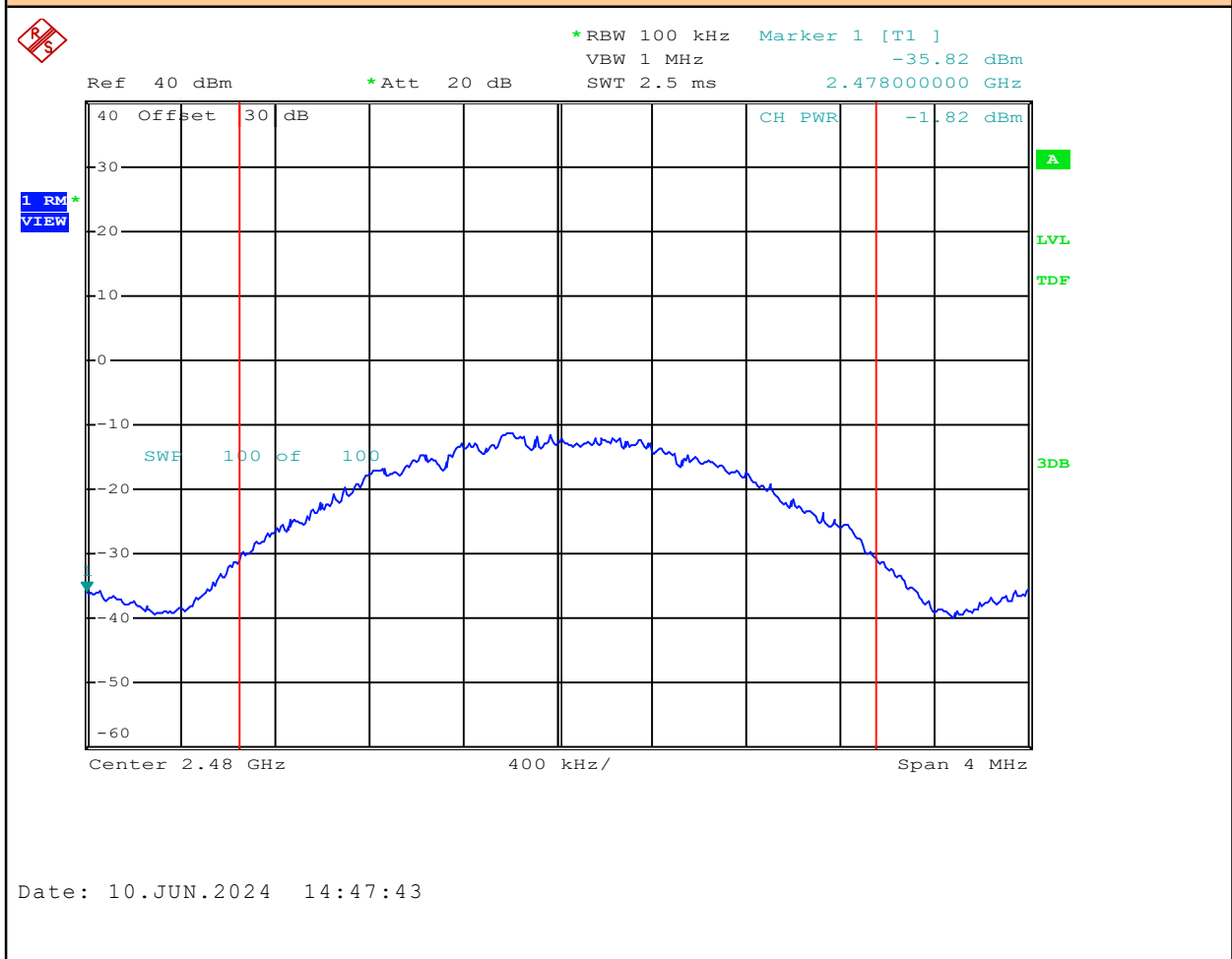
Mode: BLE 2mb

Channel Frequency: 2440 MHz

Modulation: **GMSK**

Measured Channel Power: 1.80 dBm

Conducted Power:



Channel: 39

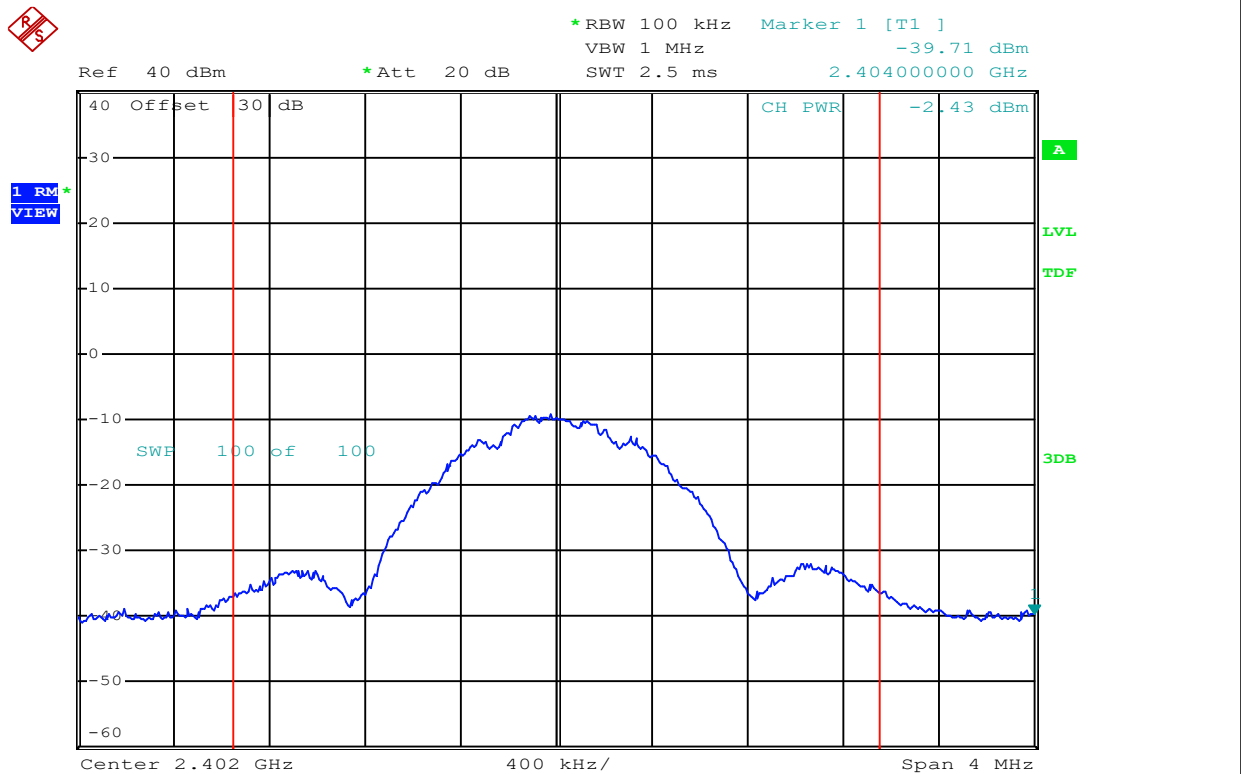
Mode: BLE 2mb

Channel Frequency: 2480 MHz

Modulation: **GMSK**

Measured Channel Power: -1.82 dBm

Conducted Power:



Date: 10.JUN.2024 14:52:17

Channel: 2

2

Mode: ANT

ANT

Channel Frequency: 2402

2402

MHz

Modulation: **GFSK**

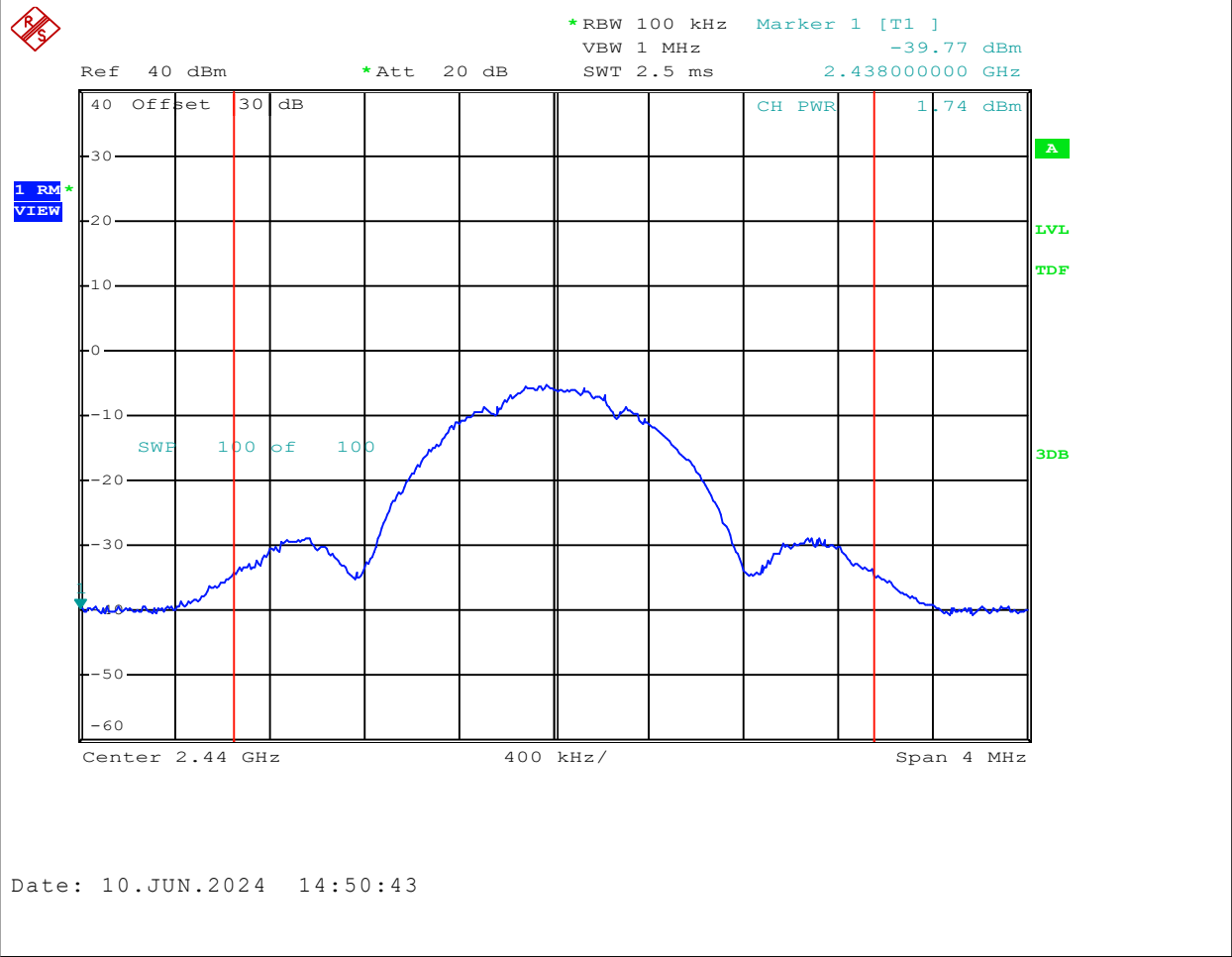
GFSK

Measured Channel Power: **-2.43**

-2.43

dBm

Conducted Power:



Date: 10.JUN.2024 14:50:43

Channel: 38

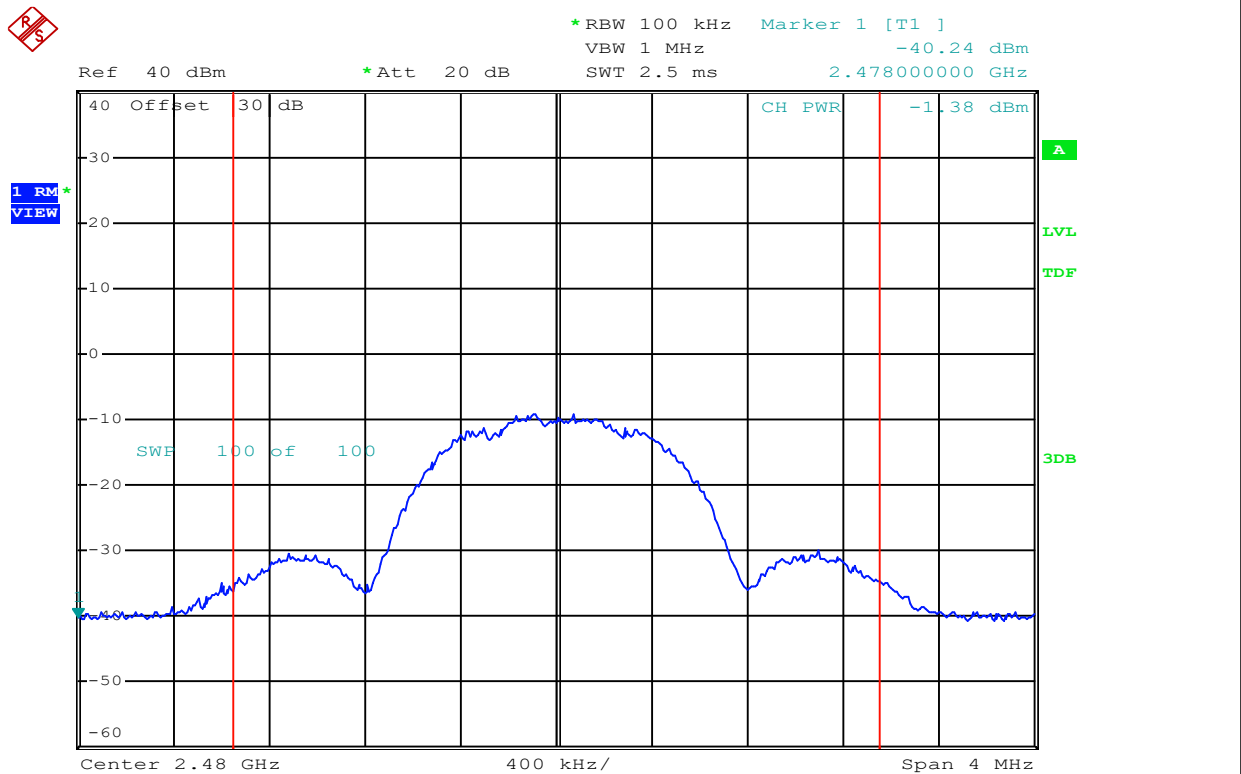
Mode: ANT

Channel Frequency: 2440 MHz

Modulation: **GFSK**

Measured Channel Power: 1.74 dBm

Conducted Power:



Date: 10.JUN.2024 14:51:43

Channel: 80

Mode: ANT

Channel Frequency: 2480 MHz

Modulation: **GFSK**

Measured Channel Power: -1.4 dBm

Conducted Power Measurement Results: DSS

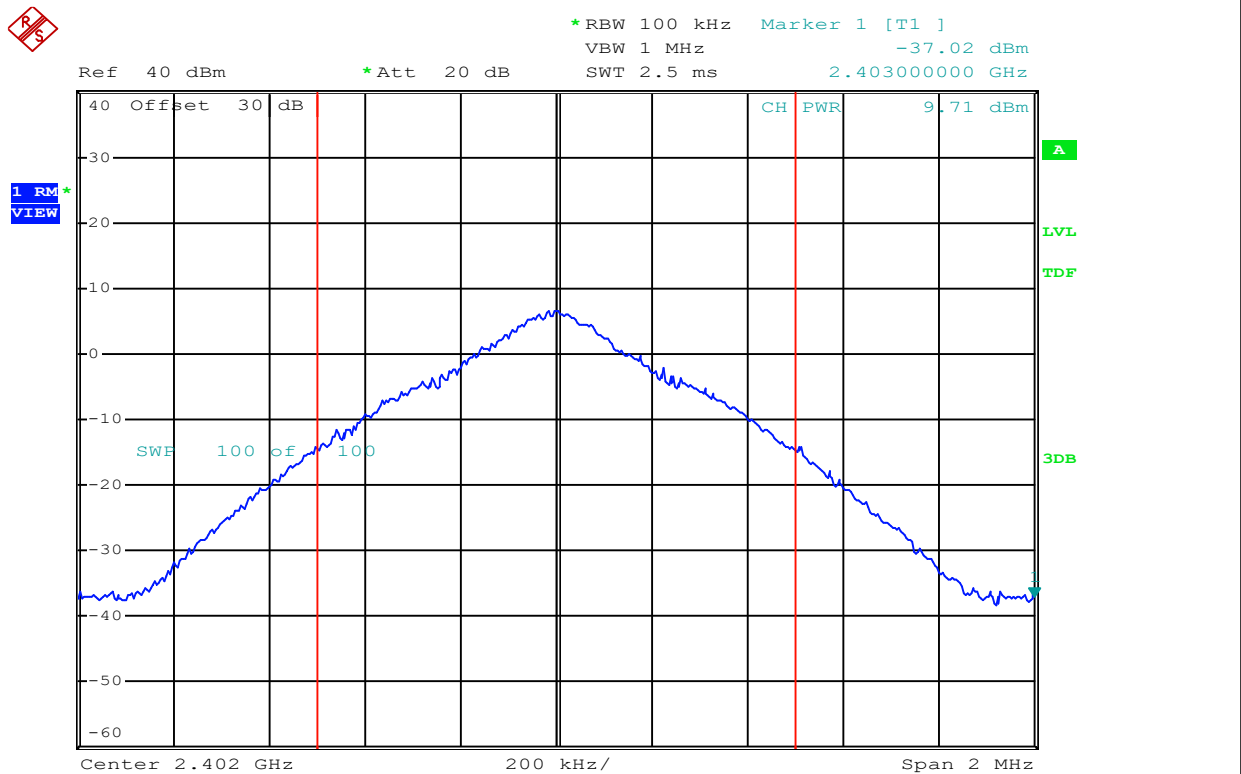
Channel Number	Channel Frequency (MHz)	Mode	Modulation	Measured Power [P _{Meas}] (dBm)	Limit [P _{Lim}] (dBm)	Conducted Margin (dB)	Antenna Gain [G] (dBi)	EIRP [E _{Meas}] (dBm)	EIRP Limit [E _{Lim}] (dBm)	EIRP Margin (dB)
0	2402.00	BT BR	GFSK	9.71	30	20.3	-3.9	5.8	36	30.2
38	2440.00			10.03		20.0		6.1		29.9
78	2480.00			10.20		19.8		6.3		29.7
0	2402.00	BT 2EDR	Pi/4-DQPSK	8.88		21.1		5.0		31.0
38	2440.00			9.79		20.2		5.9		30.1
78	2480.00			10.13		19.9		6.2		29.8
0	2402.00	BT 3EDR	8-DPSK	8.54		21.5		4.6		31.4
38	2440.00			9.32		20.7		5.4		30.6
78	2480.00			9.90		20.1		6.0		30.0
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: 10.JUN.2024 14:32:02

Channel: 0

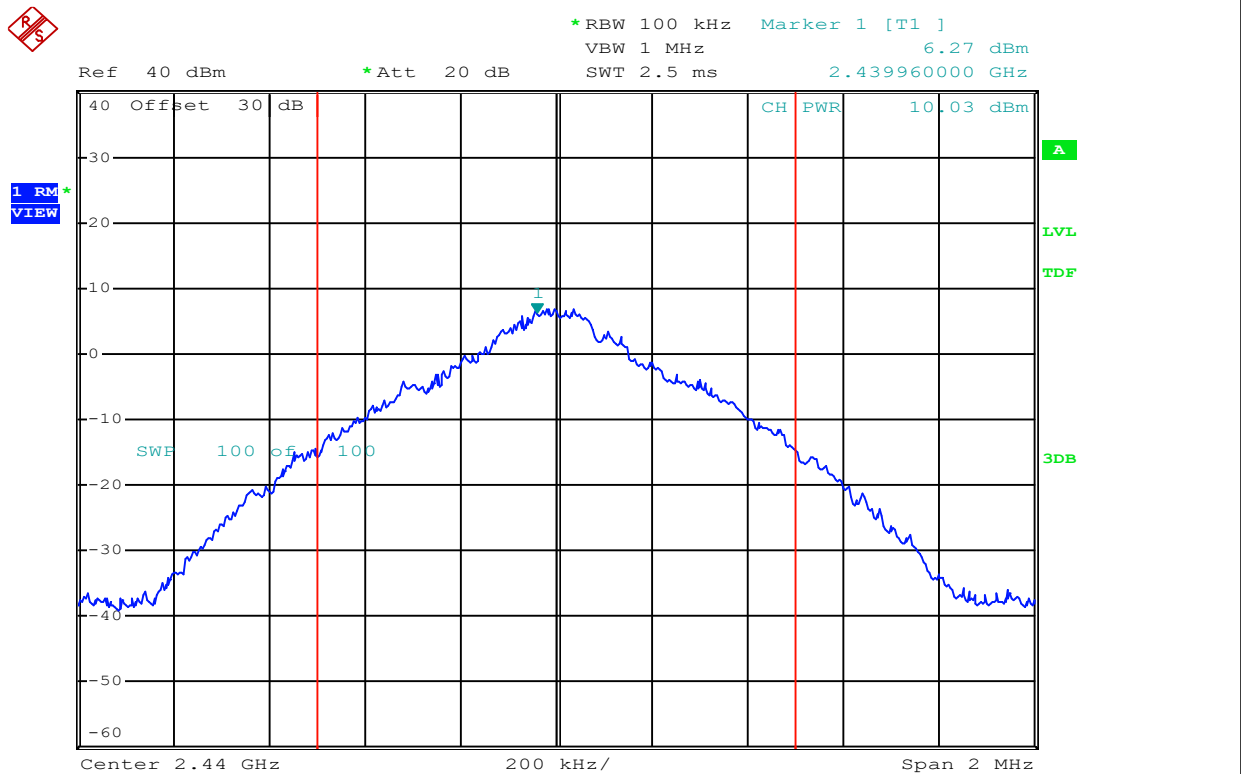
Mode: BT BR

Channel Frequency: 2402 MHz

Modulation: **GFSK**

Measured Channel Power: **9.71** dBm

Conducted Power:



Date: 10.JUN.2024 14:26:28

Channel: 38

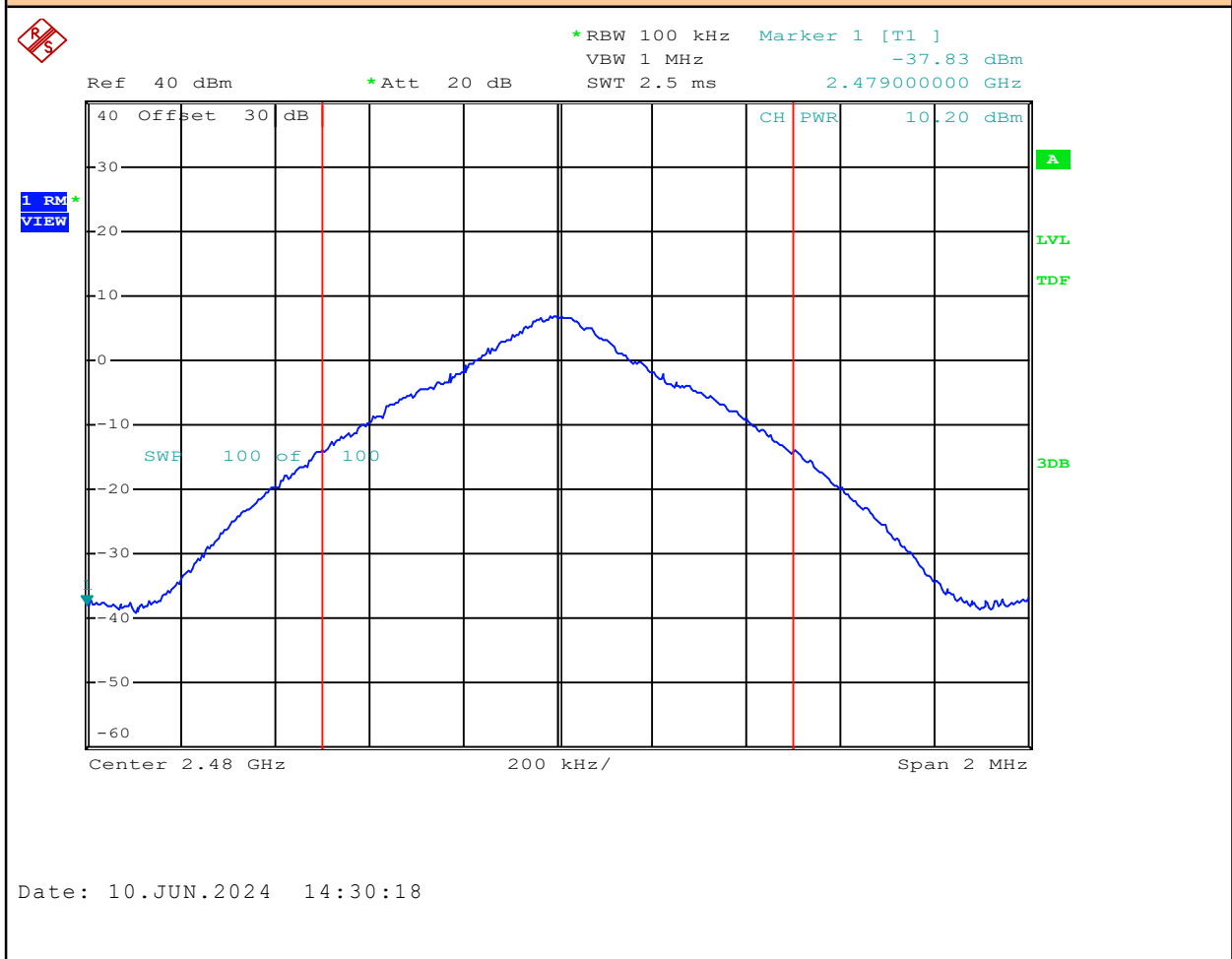
Mode: BT BR

Channel Frequency: 2440 MHz

Modulation: **GFSK**

Measured Channel Power: 10.03 dBm

Conducted Power:



Channel: 78

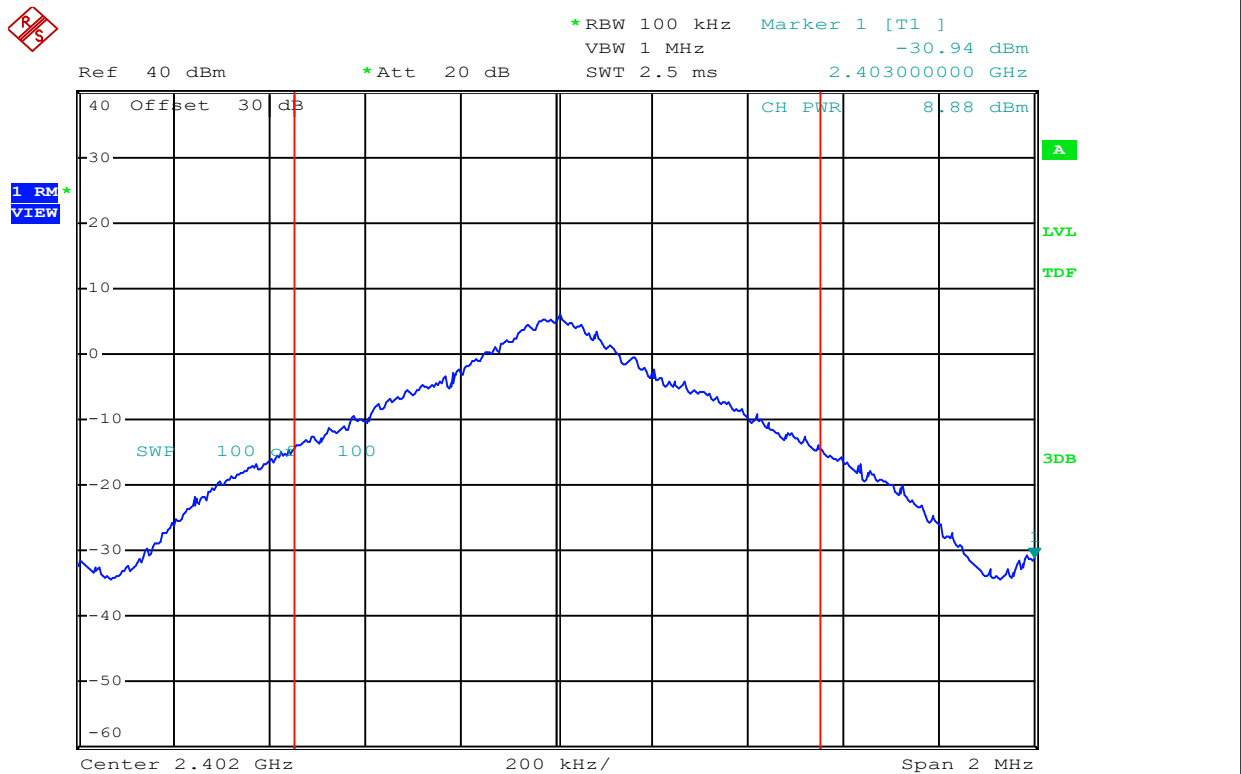
Mode: BT BR

Channel Frequency: 2480 MHz

Modulation:	GFSK
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Measured Channel Power: 10.2 dBm

Conducted Power:



Date: 10.JUN.2024 14:37:34

Channel: 0

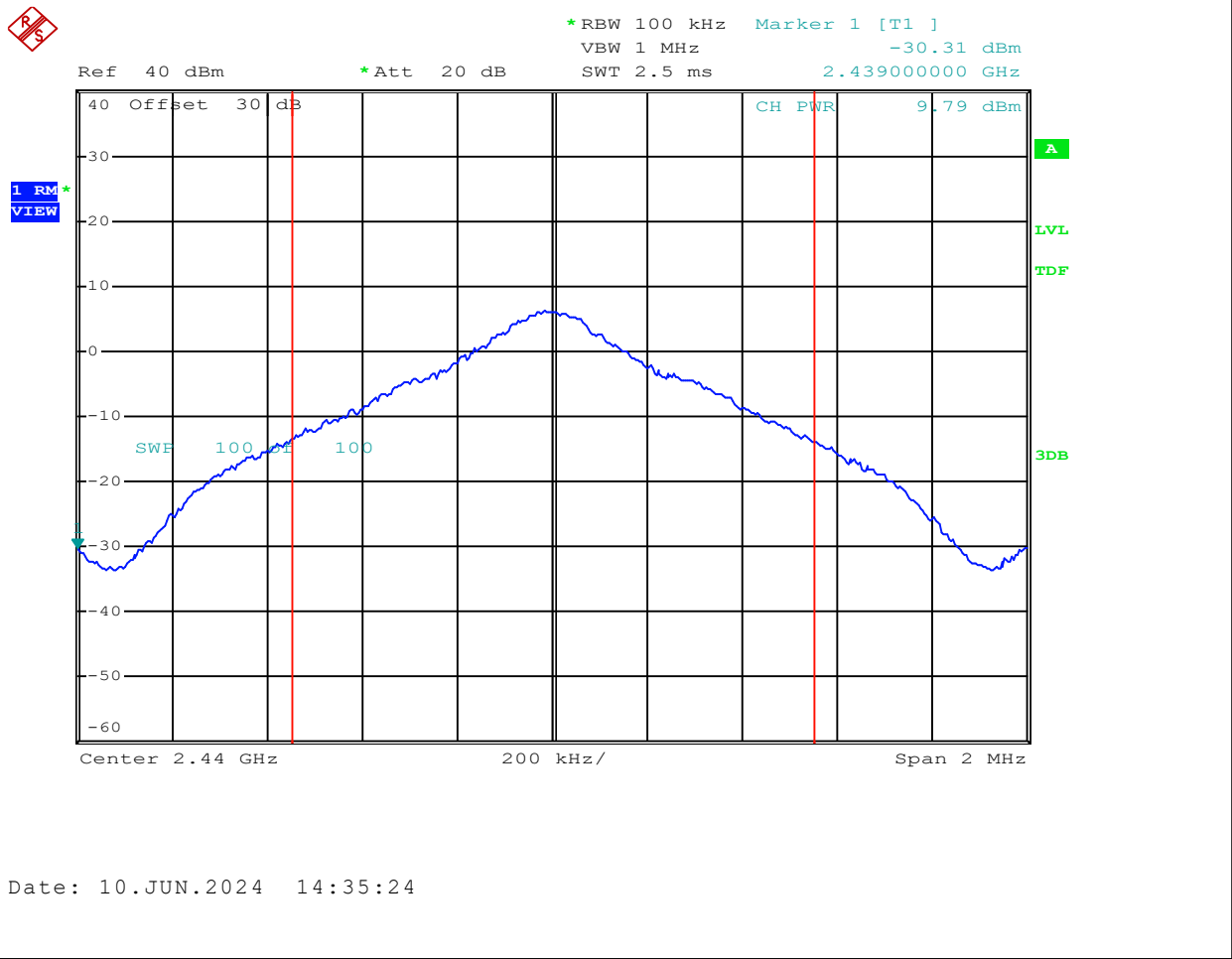
Mode: BT 2EDR

Channel Frequency: 2402 MHz

Modulation: **Pi/4-DQPSK**

Measured Channel Power: 8.88 dBm

Conducted Power:



Date: 10.JUN.2024 14:35:24

Channel: 38

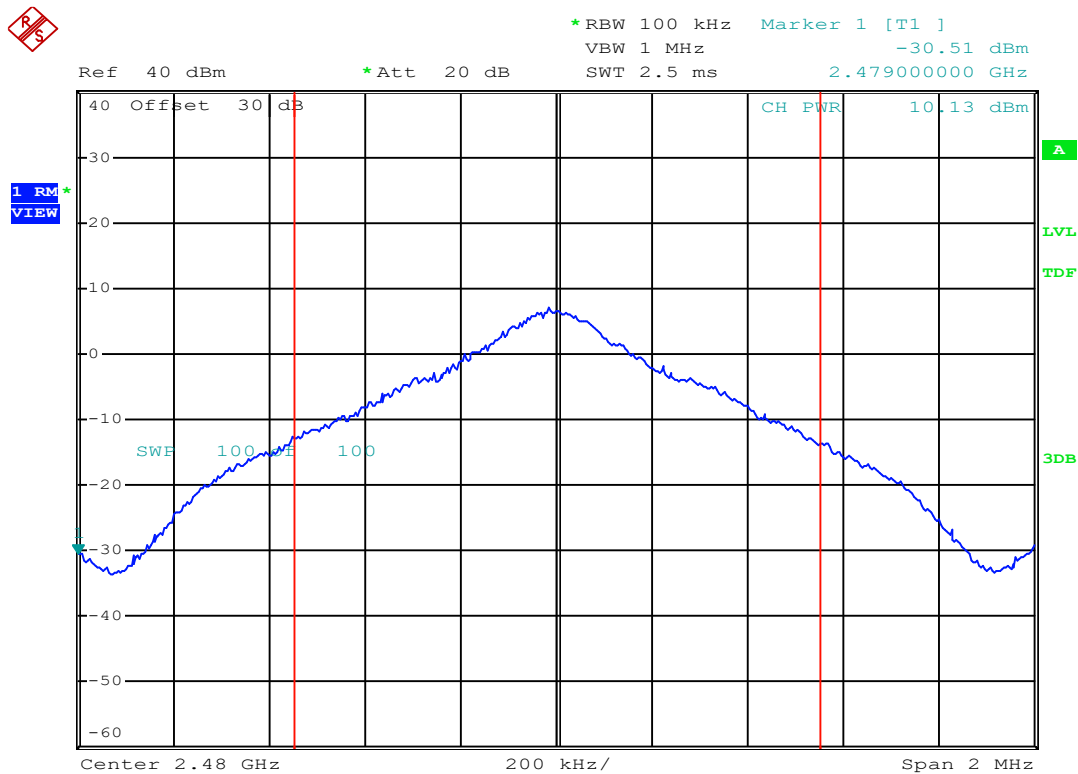
Mode: BT 2EDR

Channel Frequency: 2440 MHz

Modulation: **Pi/4-DQPSK**

Measured Channel Power: **9.79** dBm

Conducted Power:



Date: 10.JUN.2024 14:36:59

Channel: 78

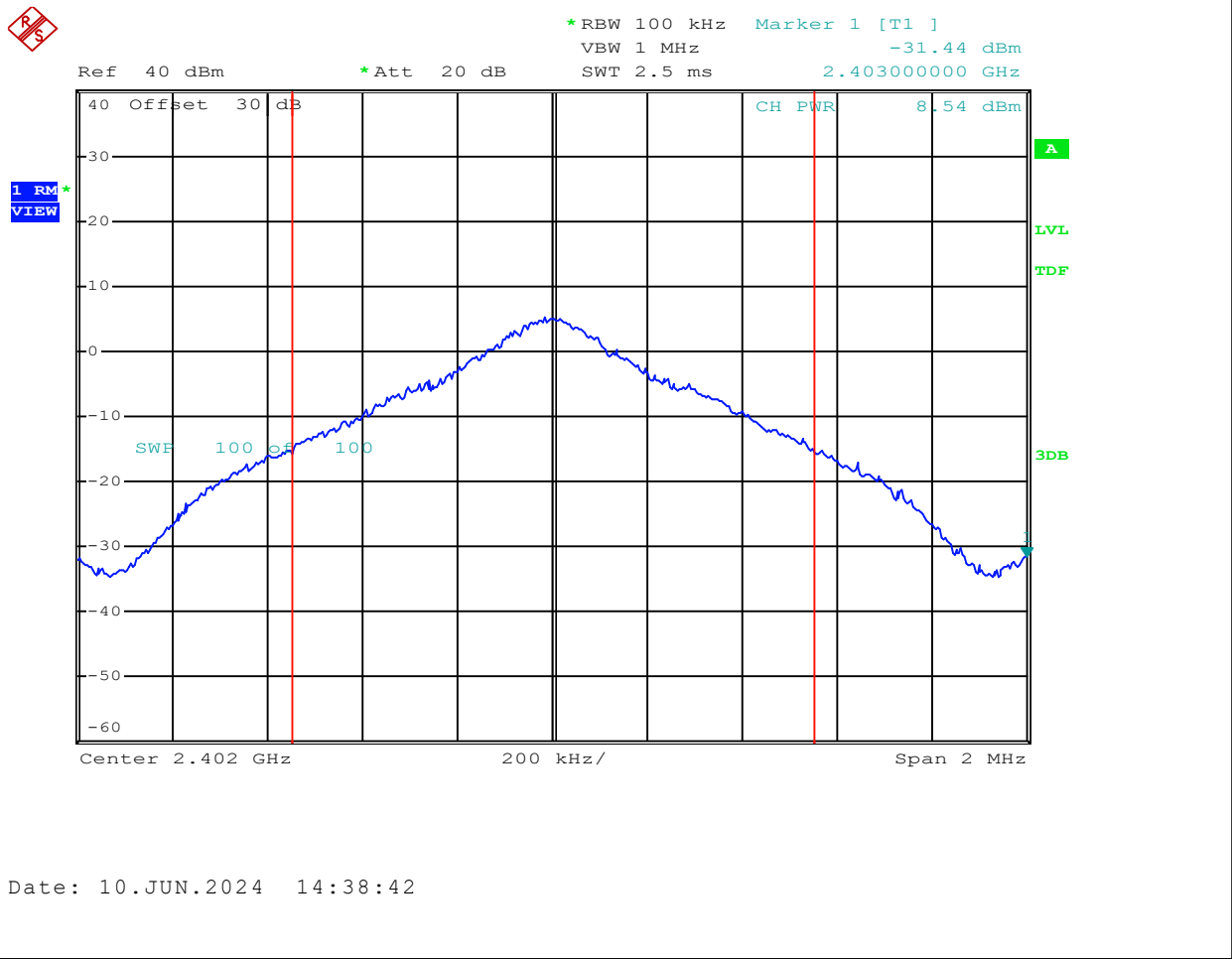
Mode: BT 2EDR

Channel Frequency: 2480 MHz

Modulation: **Pi/4-DQPSK**

Measured Channel Power: 10.13 dBm

Conducted Power:



Date: 10.JUN.2024 14:38:42

Channel: 0

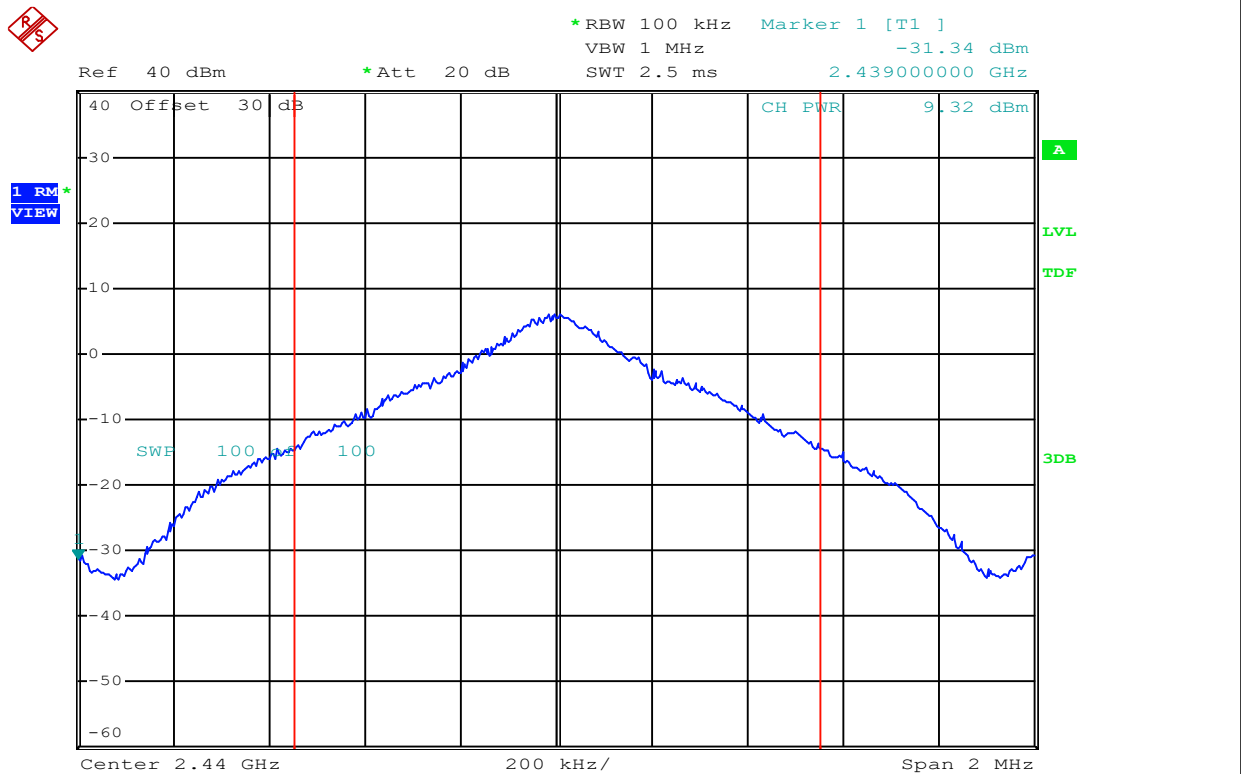
Mode: BT 3EDR

Channel Frequency: 2402 MHz

Modulation: 8-DPSK

Measured Channel Power: 8.54 dBm

Conducted Power:



Date: 10.JUN.2024 14:39:31

Channel: 38

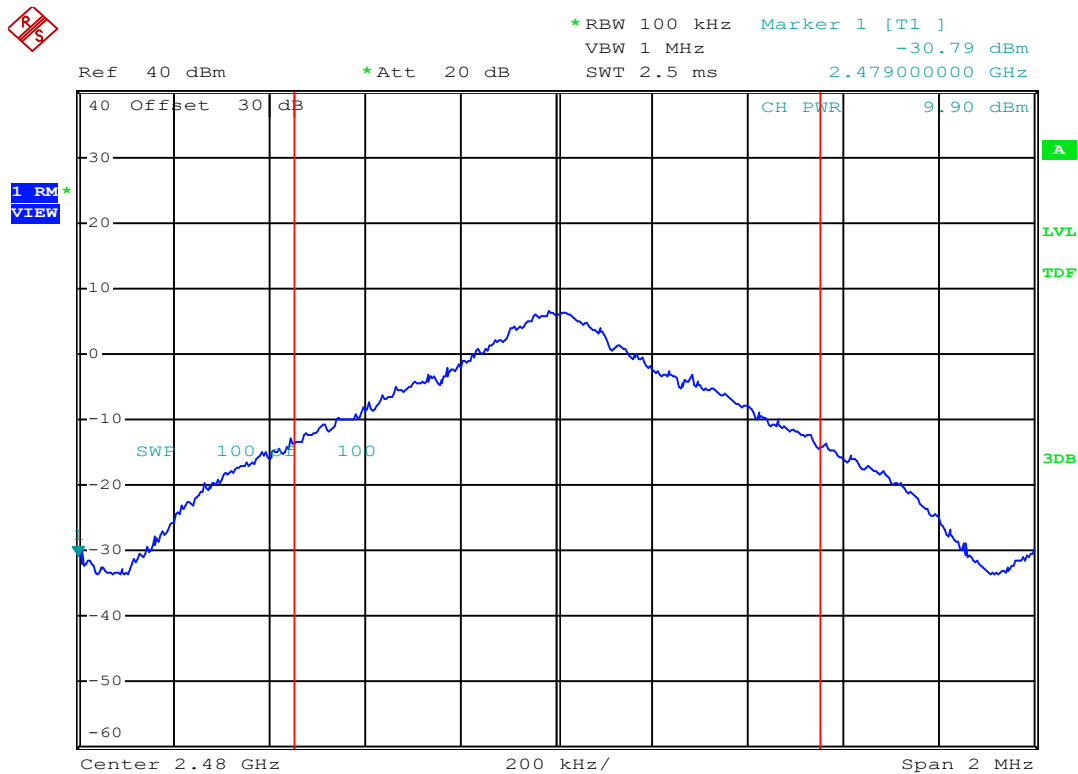
Mode: BT 3EDR

Channel Frequency: 2440 MHz

Modulation: 8-DPSK

Measured Channel Power: 9.32 dBm

Conducted Power:



Date: 10.JUN.2024 14:40:59

Channel: 78

Mode: BT 3EDR

Channel Frequency: 2480 MHz

Modulation: 8-DPSK

Measured Channel Power: **9.9** dBm