

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	15.350	30	14.7	-5.8	9.6	36	26.5
			CCK 2	15.660		14.3		9.9		26.1
			DSSS 5.5	15.660		14.3		9.9		26.1
			DSSS 11	15.530		14.5		9.7		26.3
1	2412.00		DSSS 5.5	15.050		15.0		9.3		26.8
9	2452.00			15.500		14.5		9.7		26.3
10	2452.00			14.140		15.9		8.3		27.7
11	2462.00			12.060		17.9		6.3		29.7
12	2467.00			6.760		23.2		1.0		35.0
13	2472.00			5.360		24.6		-0.4		36.4
6	2437.00	802.11g	OFDM6	15.870		14.1		10.1		25.9
			OFDM9	15.790		14.2		10.0		26.0
			OFDM12	15.760		14.2		10.0		26.0
1	2412.00		OFDM6	15.580		14.4		9.8		26.2
9	2452.00		OFDM6	13.800		16.2		8.0		28.0
10	2457.00			13.410		16.6		7.6		28.4
11	2462.00			12.660		17.3		6.9		29.1
12	2467.00			9.320		20.7		3.5		32.5
13	2472.00			7.350		22.7		1.6		34.5
6	2437.00	802.11n	MCS0	14.310		15.7		8.5		27.5
			MCS3	13.400		16.6		7.6		28.4
			MCS7	10.020		20.0		4.2		31.8
1	2412.00		MCS0	13.830		16.2		8.0		28.0
9	2452.00			14.500		15.5		8.7		27.3
10	2457.00			13.570		16.4		7.8		28.2
11	2462.00			11.340		18.7		5.5		30.5
12	2467.00			9.290		20.7		3.5		32.5
13	2472.00			8.280		21.7		2.5		33.5

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

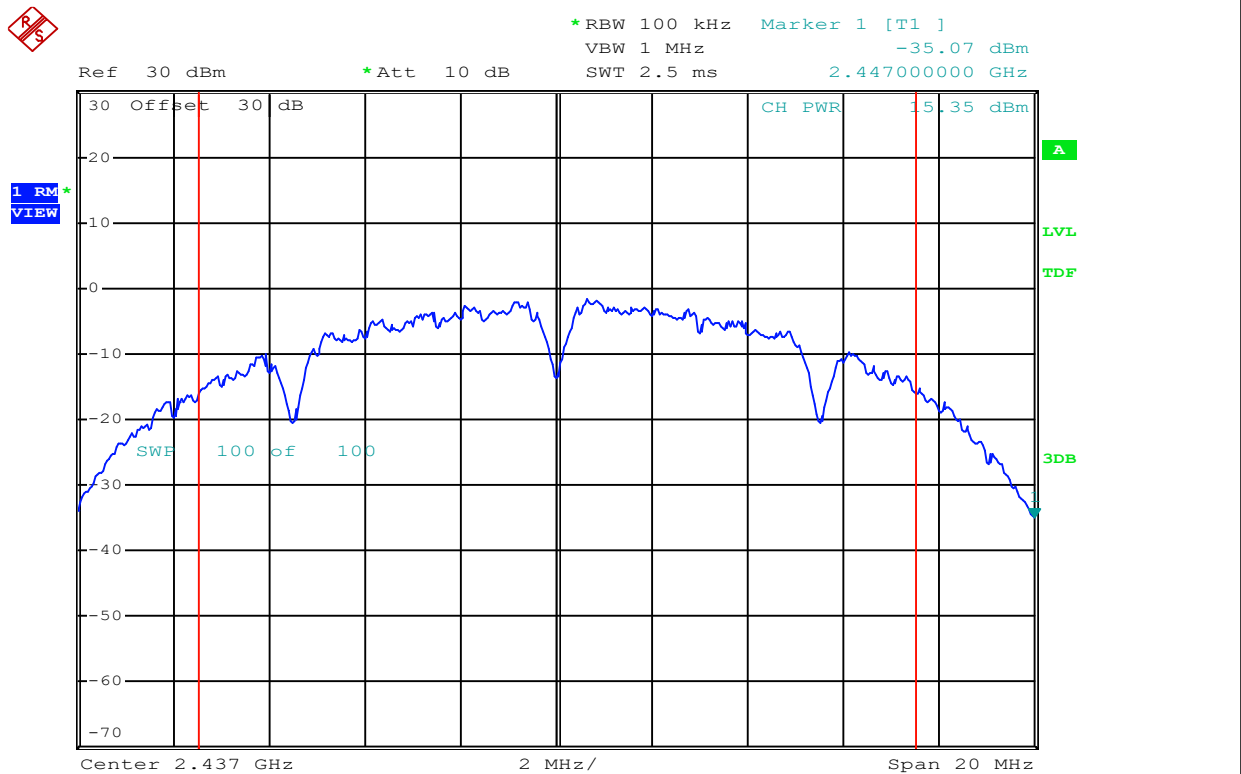
Channel Number	Channel Frequency (MHz)	Mode	Modulation	Measured Power [P _{Meas}] (dBm)	Limit [P _{Lim}] (dBm)	Conducted Margin (dB)	Antenna Gain [G] (dBi)	EIRP [E _{Meas}] (dBm)	EIRP Limit [E _{Lim}] (dBm)	EIRP Margin (dB)
37	2402.00	BLE 1mb	GMSK	-2.840	30	32.8	-5.8	-8.6	36	44.6
17	2440.00			1.200		28.8		-4.6		40.6
39	2480.00			-1.600		31.6		-7.4		43.4
1	2404.00	BLE 2mb	GMSK	0.890		29.1		-4.9		40.9
17	2440.00			1.480		28.5		-4.3		40.3
36	2478.00			-1.970		32.0		-7.8		43.8
2	2402.00	ANT	GFSK	-2.840		32.8		-8.6		44.6
38	2440.00			1.360		28.6		-4.4		40.4
80	2480.00			-1.080		31.1		-6.9		42.9
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.JUN.2024 14:03:44

Channel: 6

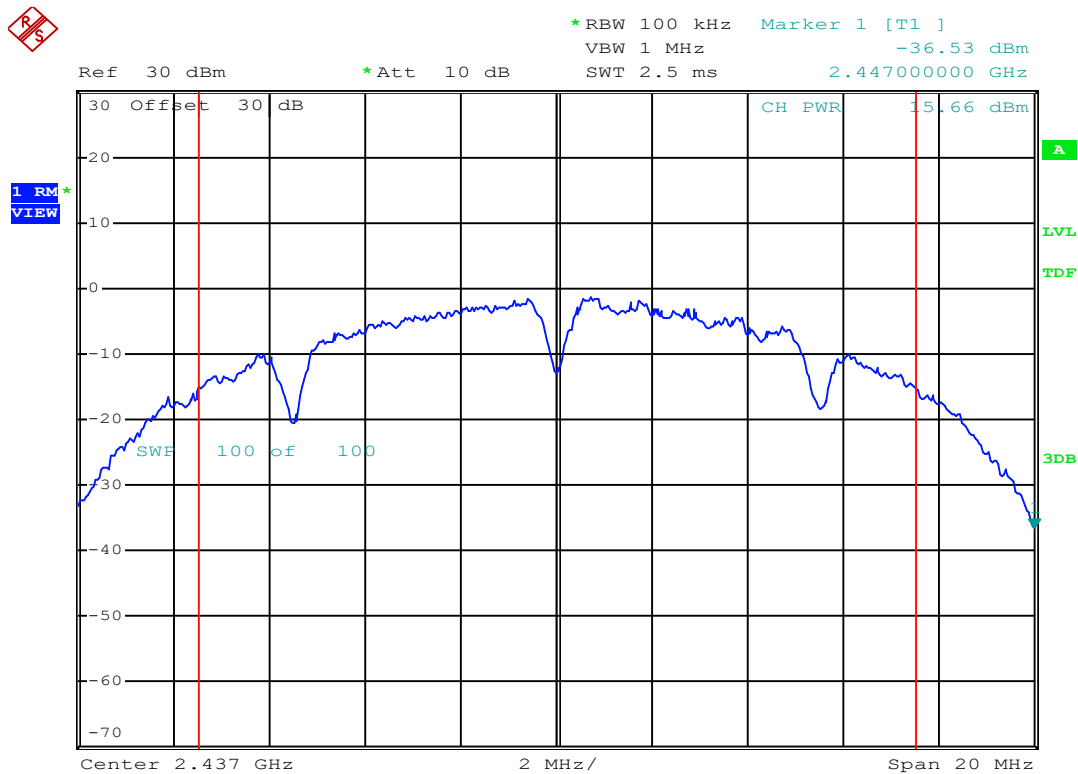
Mode: 802.11b

Channel Frequency: 2437 MHz

Modulation: CCK 1

Measured Channel Power: 15.35 dBm

Conducted Power:



Date: 21.JUN.2024 13:59:24

Channel: 6

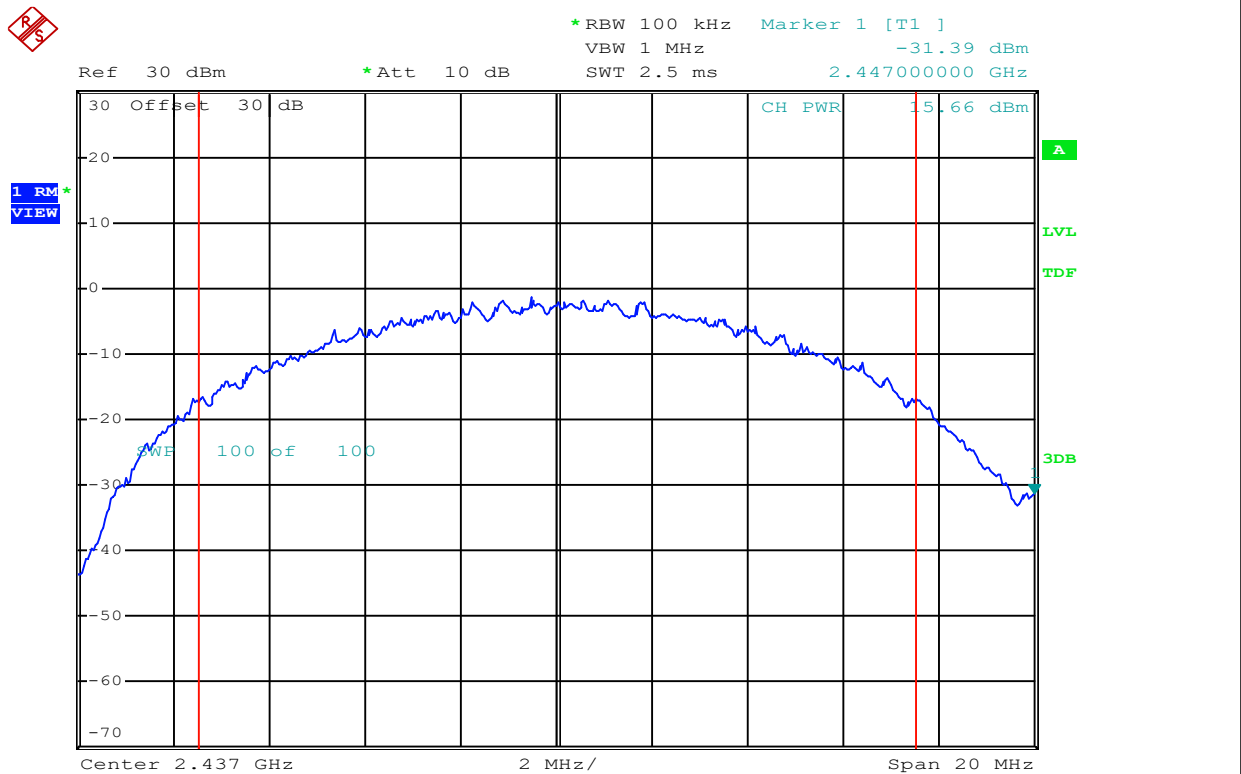
Mode: 802.11b

Channel Frequency: 2437 MHz

Modulation: CCK 2

Measured Channel Power: **15.66** dBm

Conducted Power:



Date: 21.JUN.2024 14:00:16

Channel: 6

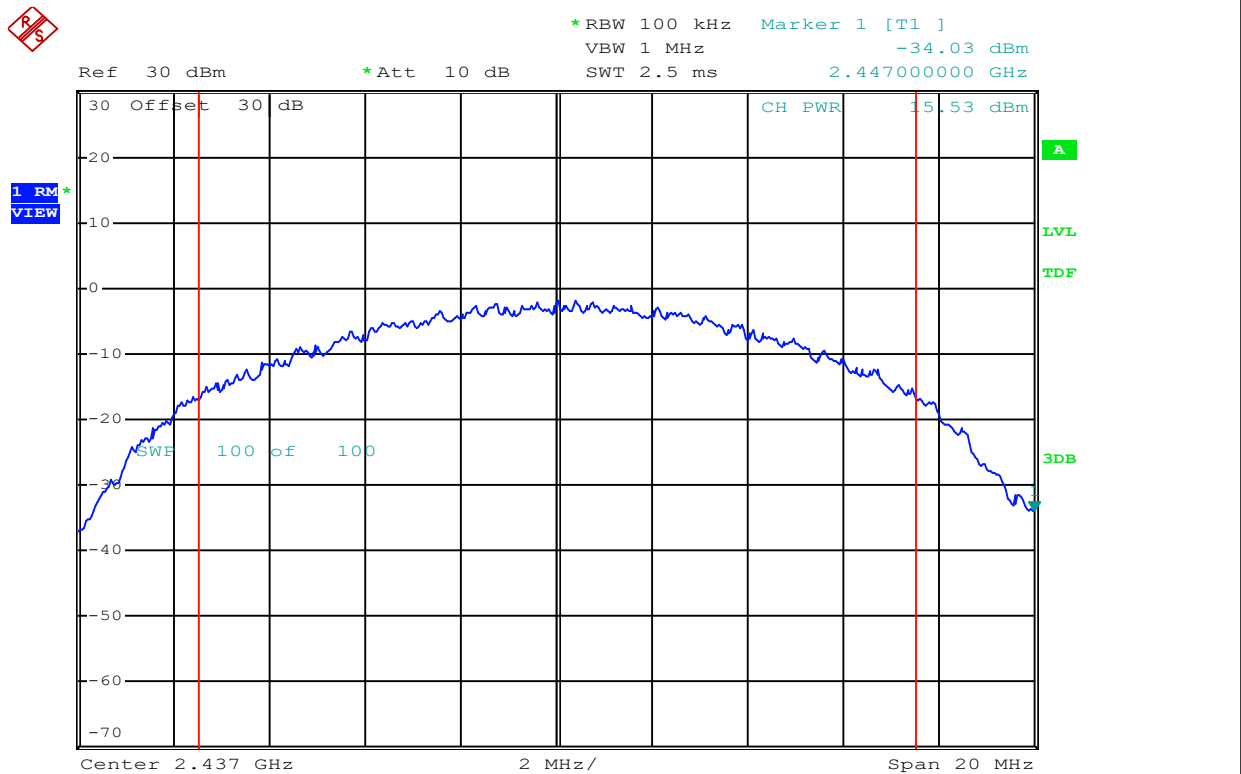
Mode: 802.11b

Channel Frequency: 2437 MHz

Modulation: **DSSS 5.5**

Measured Channel Power: **15.66** dBm

Conducted Power:



Date: 21.JUN.2024 14:01:19

Channel: 6

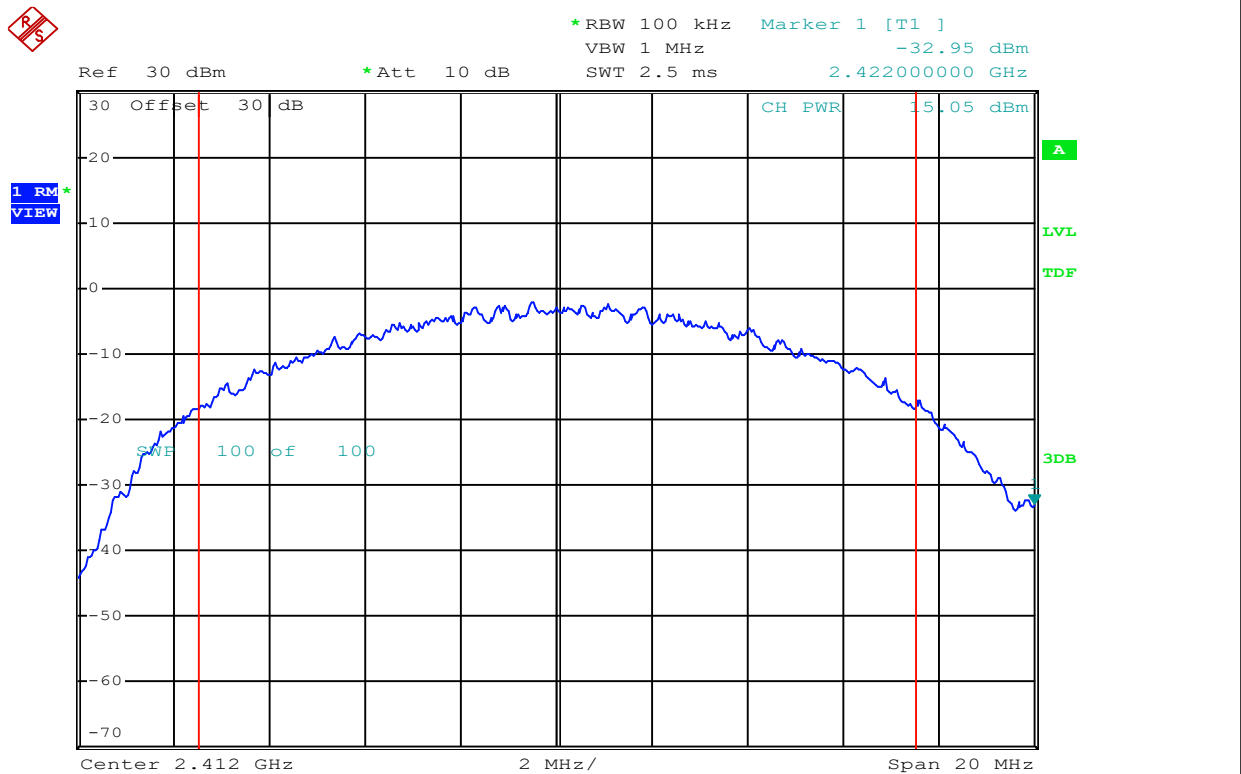
Mode: 802.11b

Channel Frequency: 2437 MHz

Modulation: DSSS 11

Measured Channel Power: **15.53** dBm

Conducted Power:



Date: 24.JUN.2024 11:47:24

Channel: 1

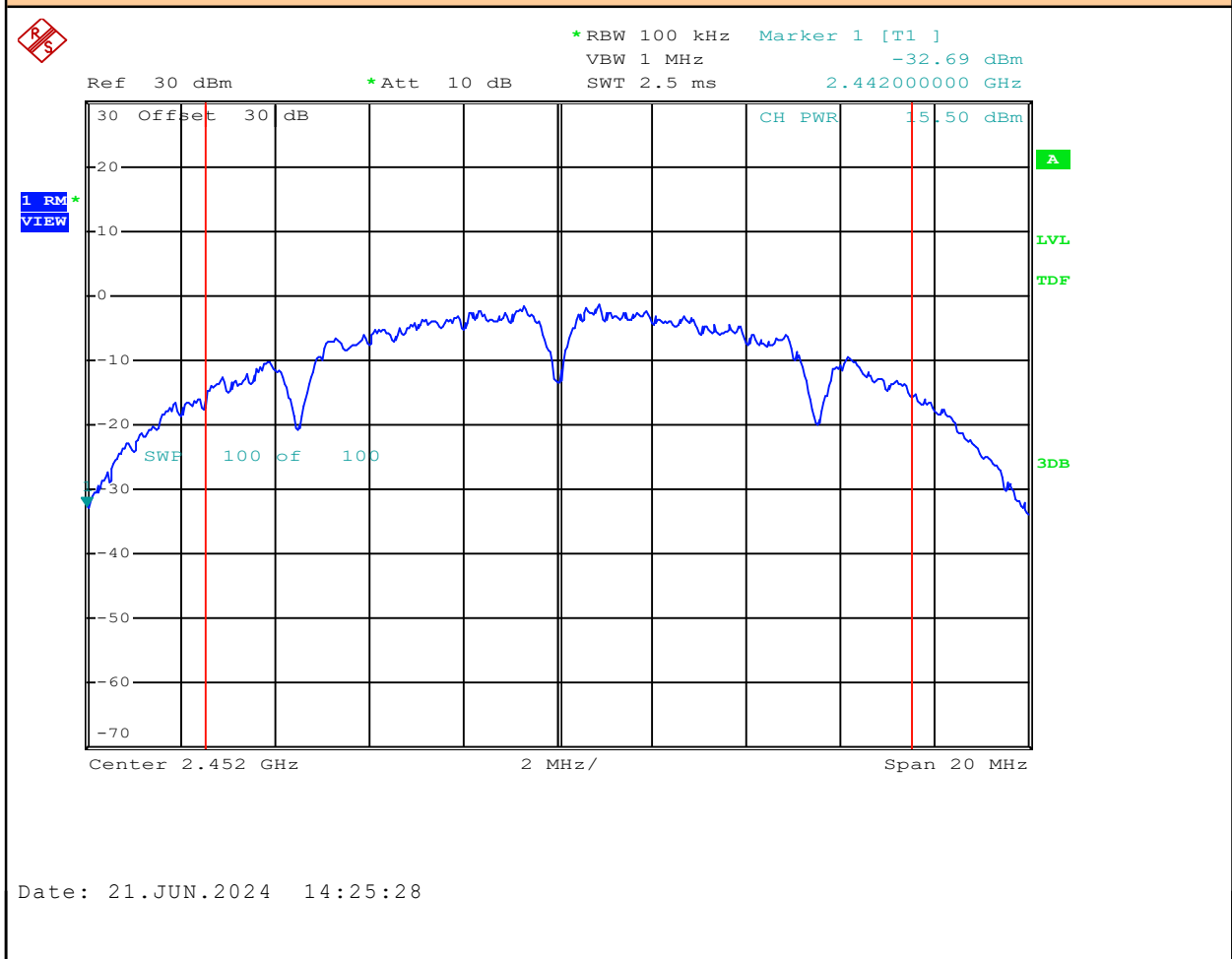
Mode: 802.11b

Channel Frequency: **2412** MHz

Modulation: **DSSS 5.5**

Measured Channel Power: 15.05 dBm

Conducted Power:



Channel: 9

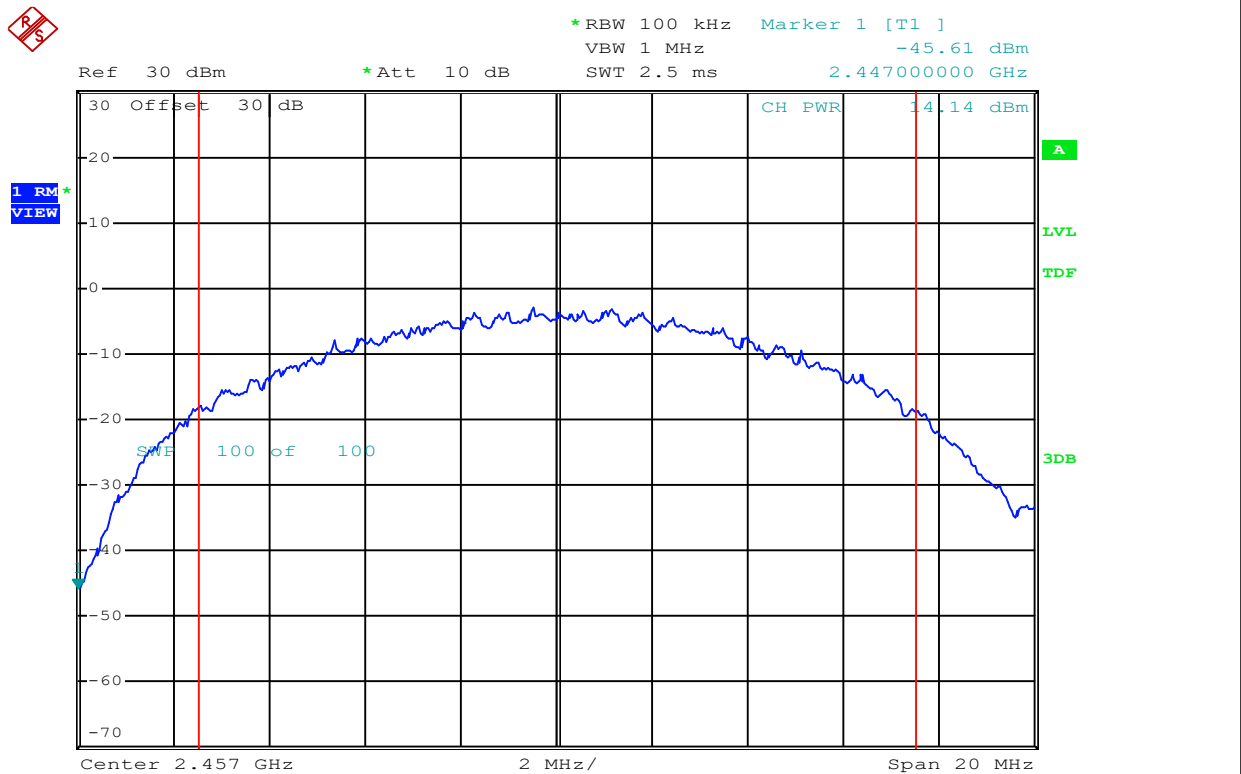
Mode:	802.11b
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Channel Frequency: 2452 MHz

Modulation:	DSSS 5.5
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Measured Channel Power: 15.5 dBm

Conducted Power:



Date: 24.JUN.2024 12:48:32

Channel: 10

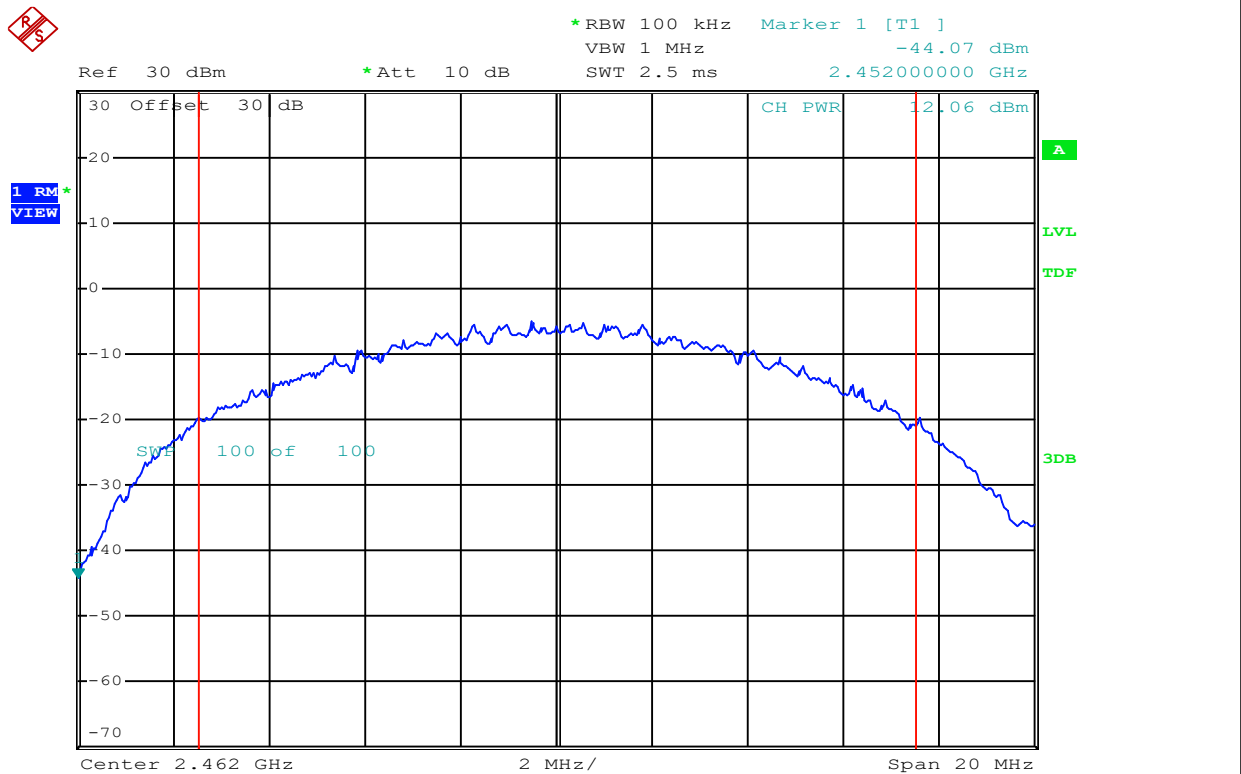
Mode: 802.11b

Channel Frequency: **2452** MHz

Modulation: **DSSS 5.5**

Measured Channel Power: 14.14 dBm

Conducted Power:



Date: 24.JUN.2024 12:49:16

Channel: 11

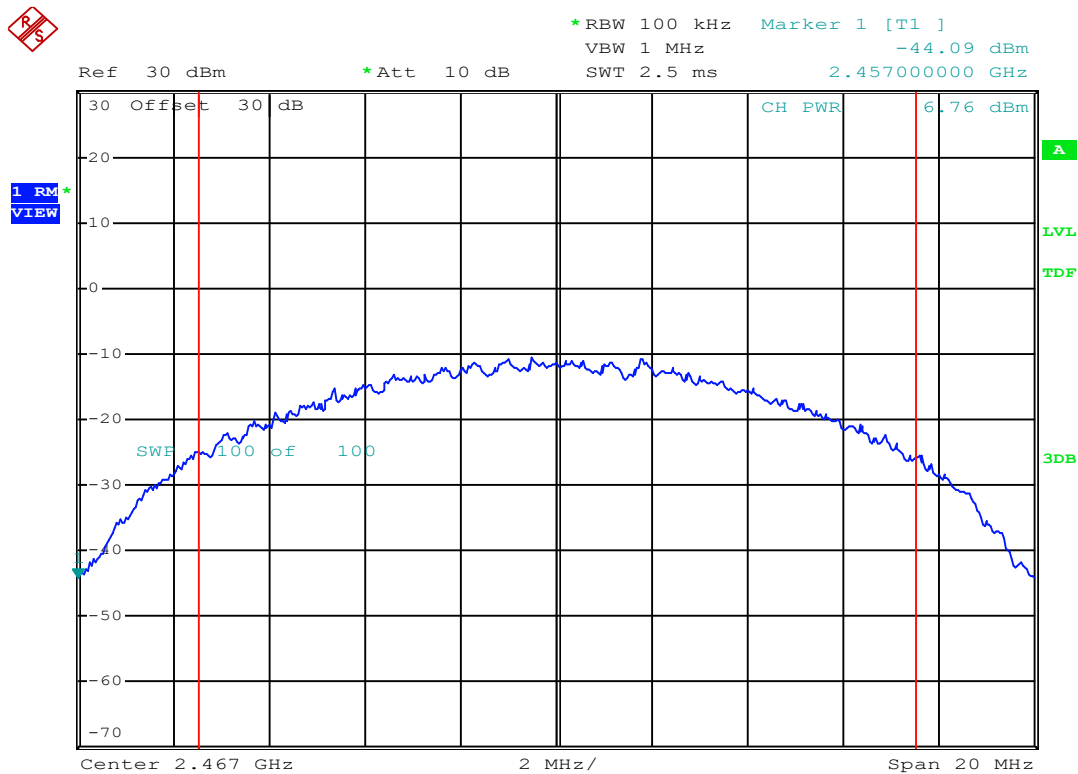
Mode: 802.11b

Channel Frequency: 2462 MHz

Modulation: **DSSS 5.5**

Measured Channel Power: 12.06 dBm

Conducted Power:



Date: 24.JUN.2024 12:50:39

Channel: 12

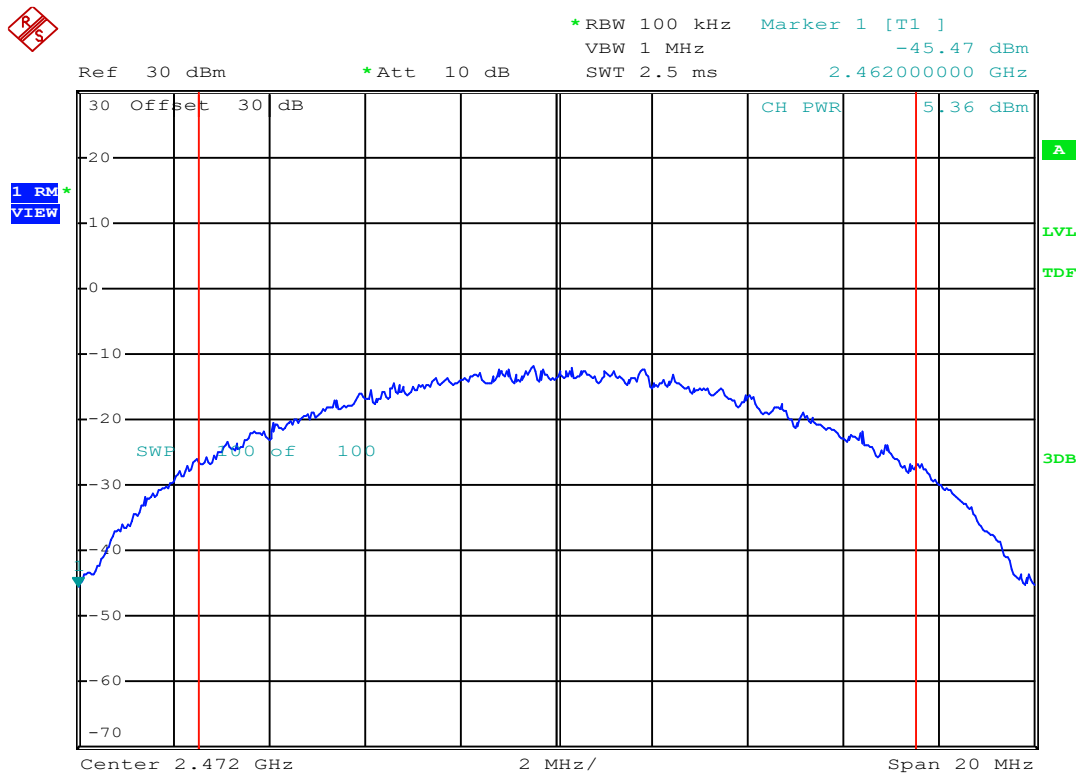
Mode: 802.11b

Channel Frequency: 2467 MHz

Modulation: **DSSS 5.5**

Measured Channel Power: **6.76** dBm

Conducted Power:



Date: 24.JUN.2024 12:51:28

Channel: 13

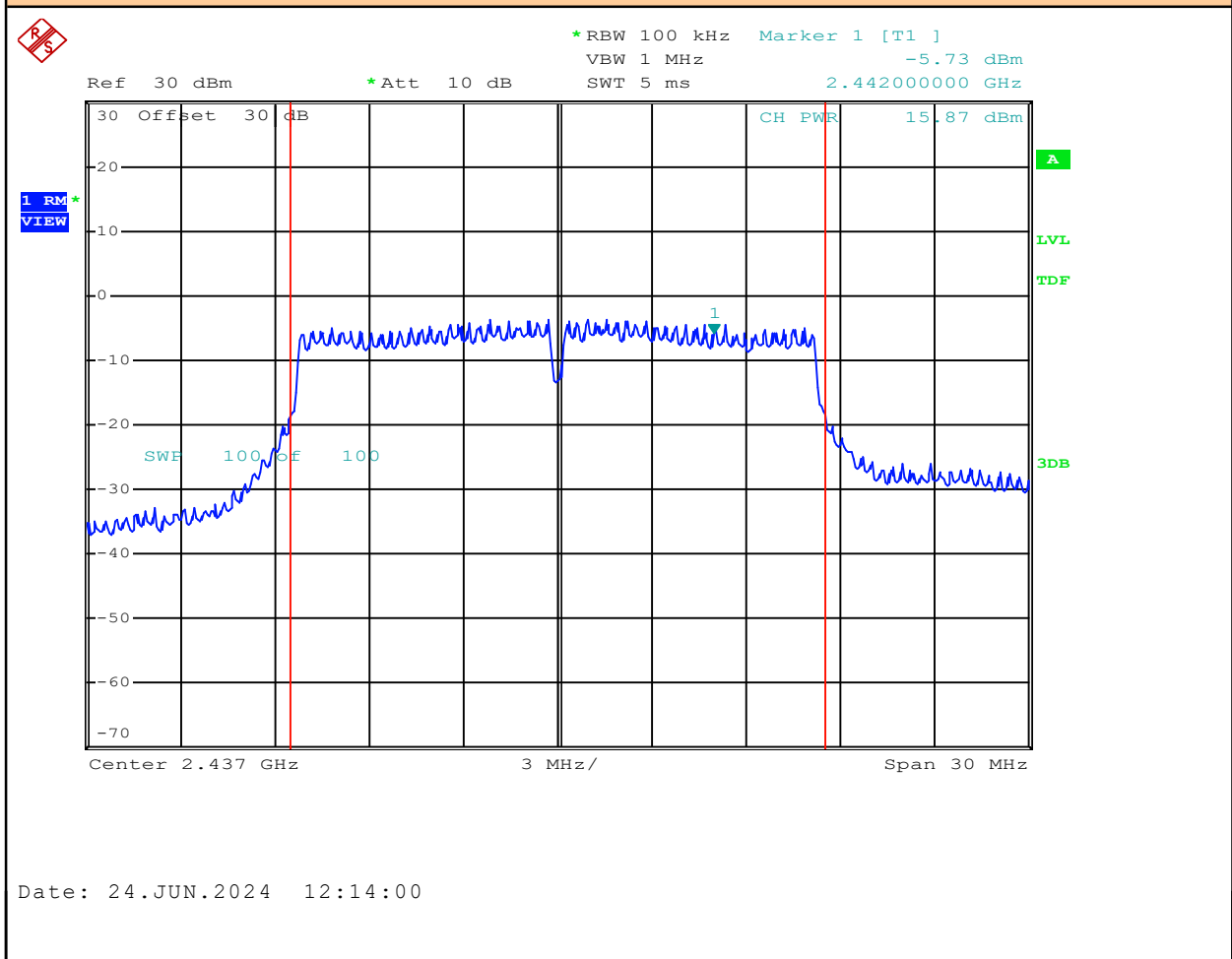
Mode: 802.11b

Channel Frequency: 2472 MHz

Modulation: **DSSS 5.5**

Measured Channel Power: **5.36** dBm

Conducted Power:



Channel: 6

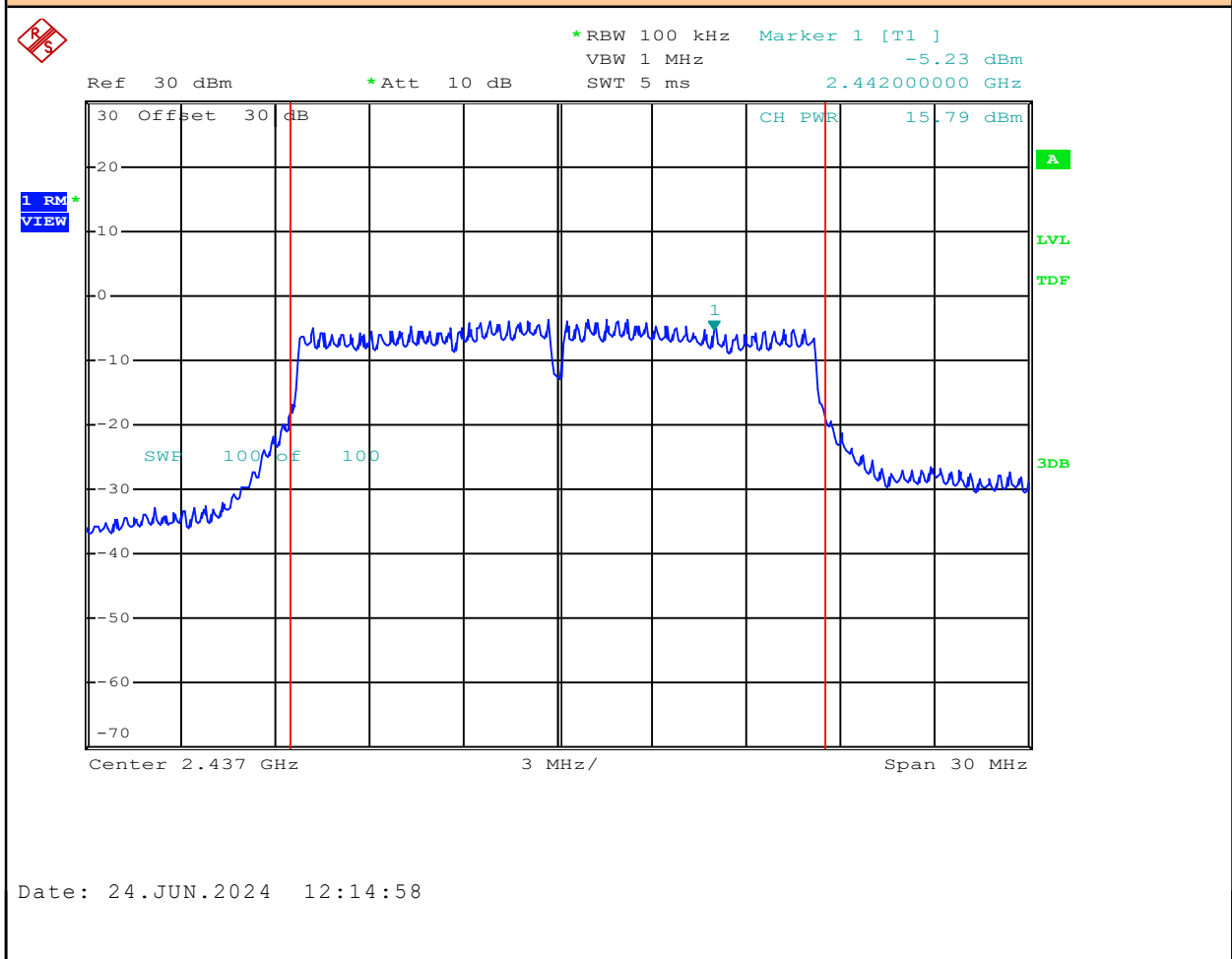
Mode:	802.11g
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Channel Frequency: 2437 MHz

Modulation:	OFDM6
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Measured Channel Power: 15.87 dBm

Conducted Power:



Channel: 6

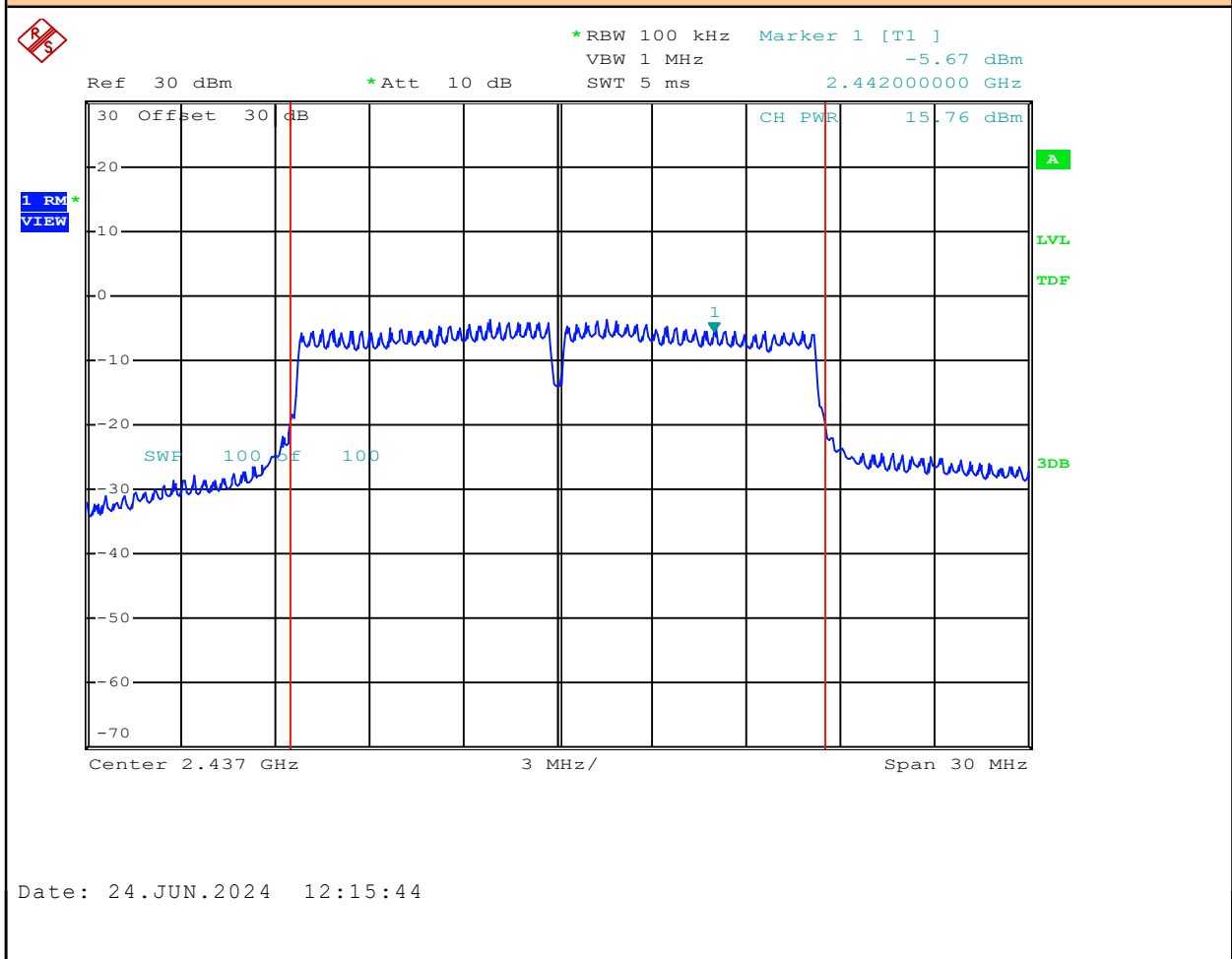
Mode:	802.11g
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Channel Frequency: 2437 MHz

Modulation:	OFDM9
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Measured Channel Power: 15.79 dBm

Conducted Power:



Channel: 6

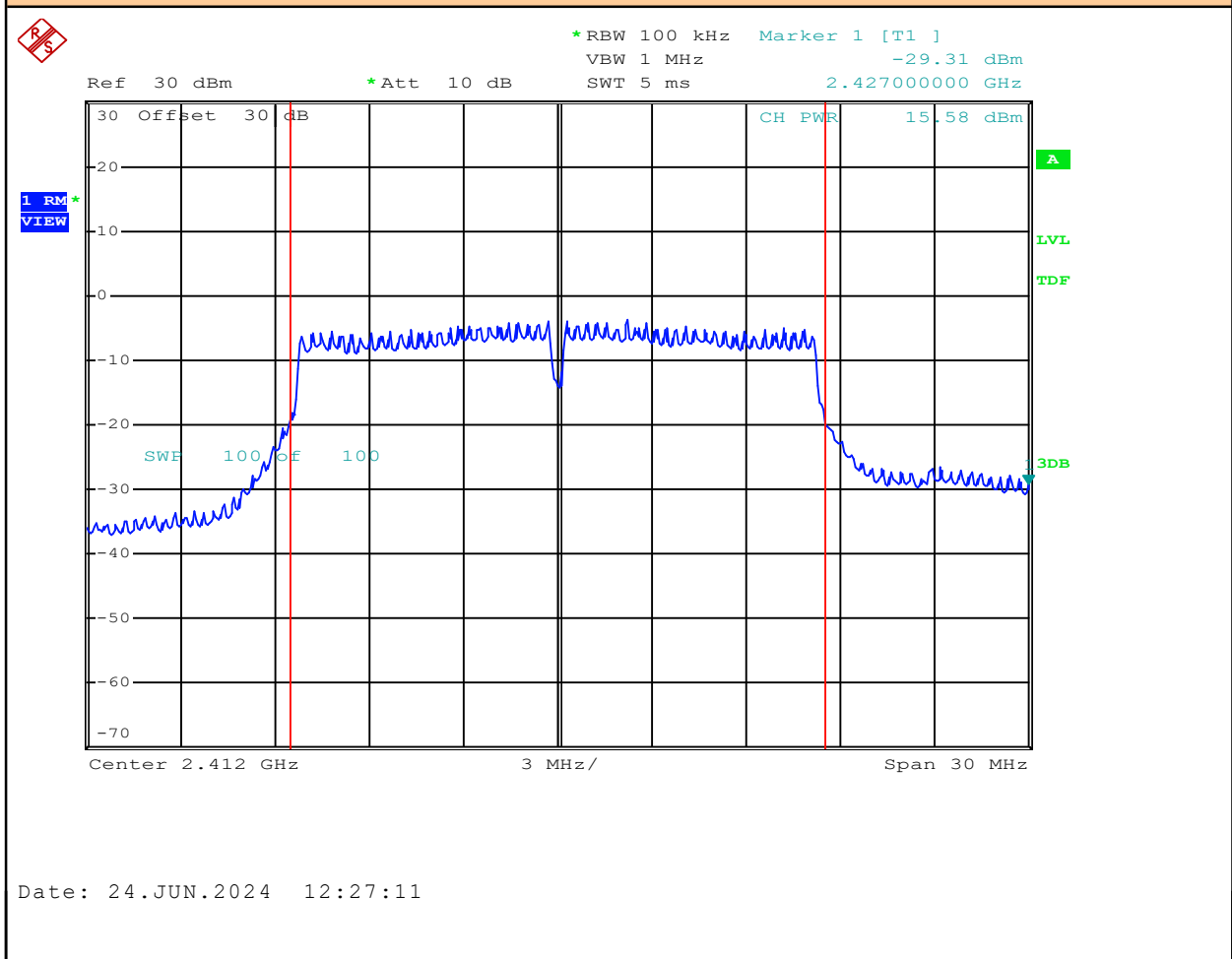
Mode:	802.11g
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Channel Frequency: 2437 MHz

Modulation:	OFDM12
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Measured Channel Power: 15.76 dBm

Conducted Power:



Channel: 1

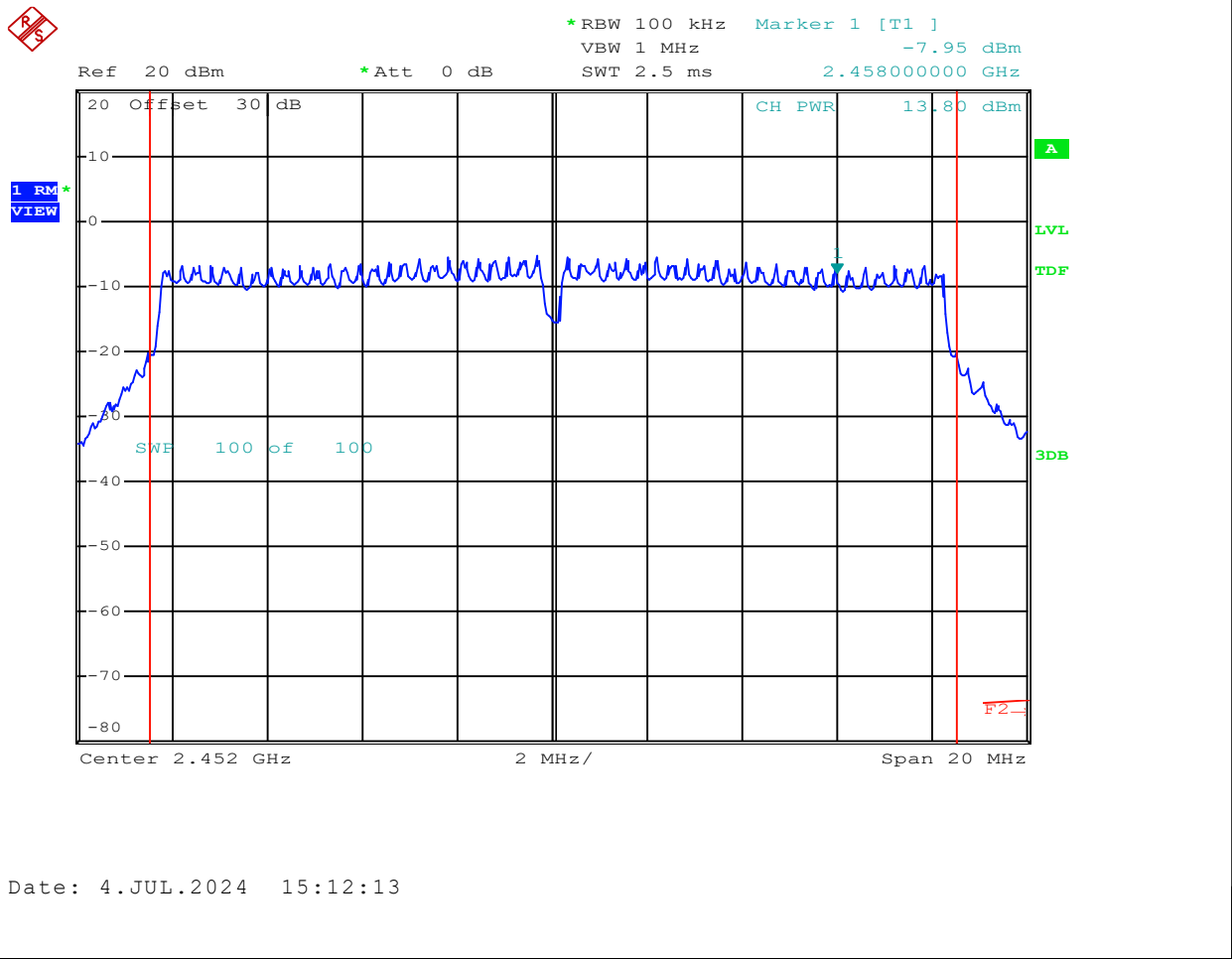
Mode:	802.11g
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Channel Frequency: **2412** MHz

Modulation:	OFDM6
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Measured Channel Power: 15.58 dBm

Conducted Power:



Date: 4.JUL.2024 15:12:13

Channel: 9

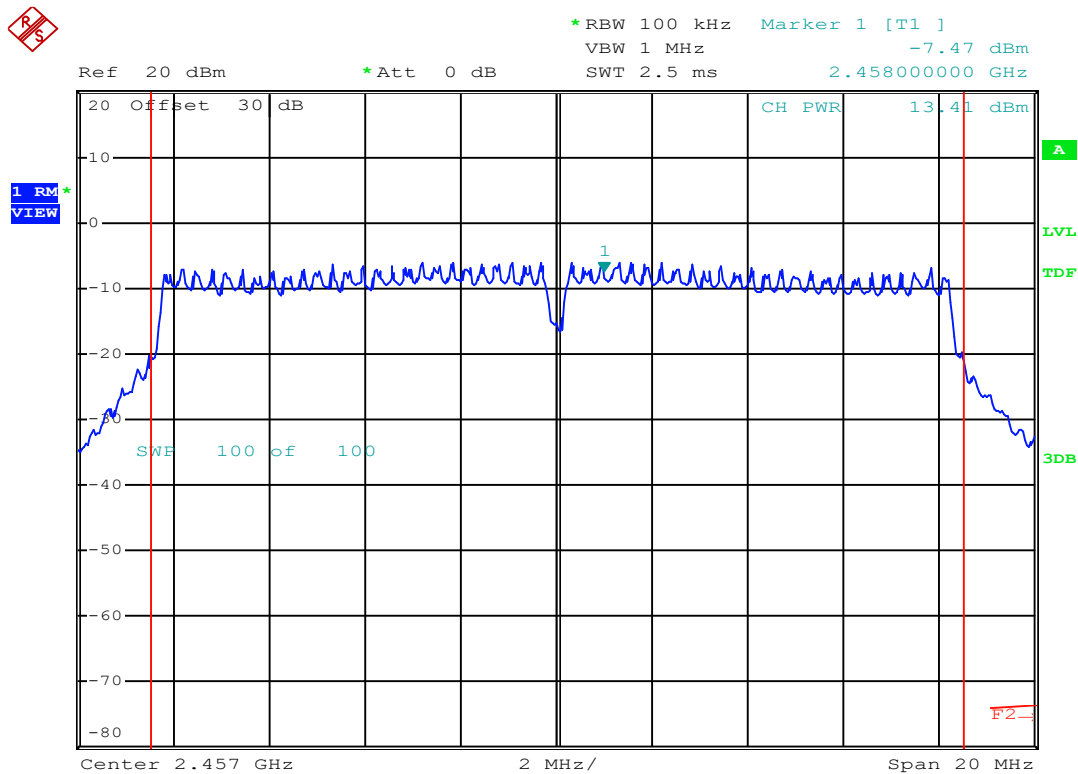
Mode:	802.11g
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Channel Frequency: 2452 MHz

Modulation: OFDM6

Measured Channel Power: 13.8 dBm

Conducted Power:



Date: 4.JUL.2024 15:12:53

Channel: 10

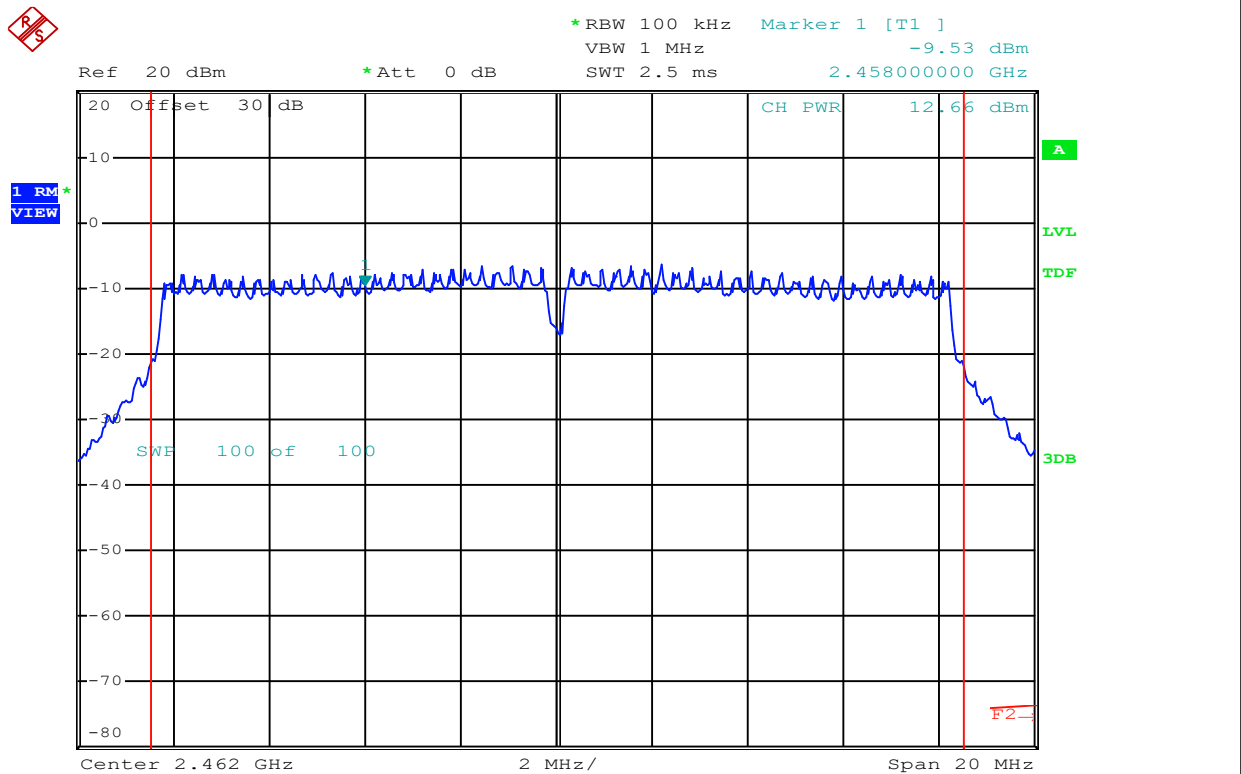
Mode: 802.11g

Channel Frequency: 2457 MHz

Modulation: OFDM6

Measured Channel Power: 13.41 dBm

Conducted Power:



Date: 4.JUL.2024 15:13:31

Channel: 11

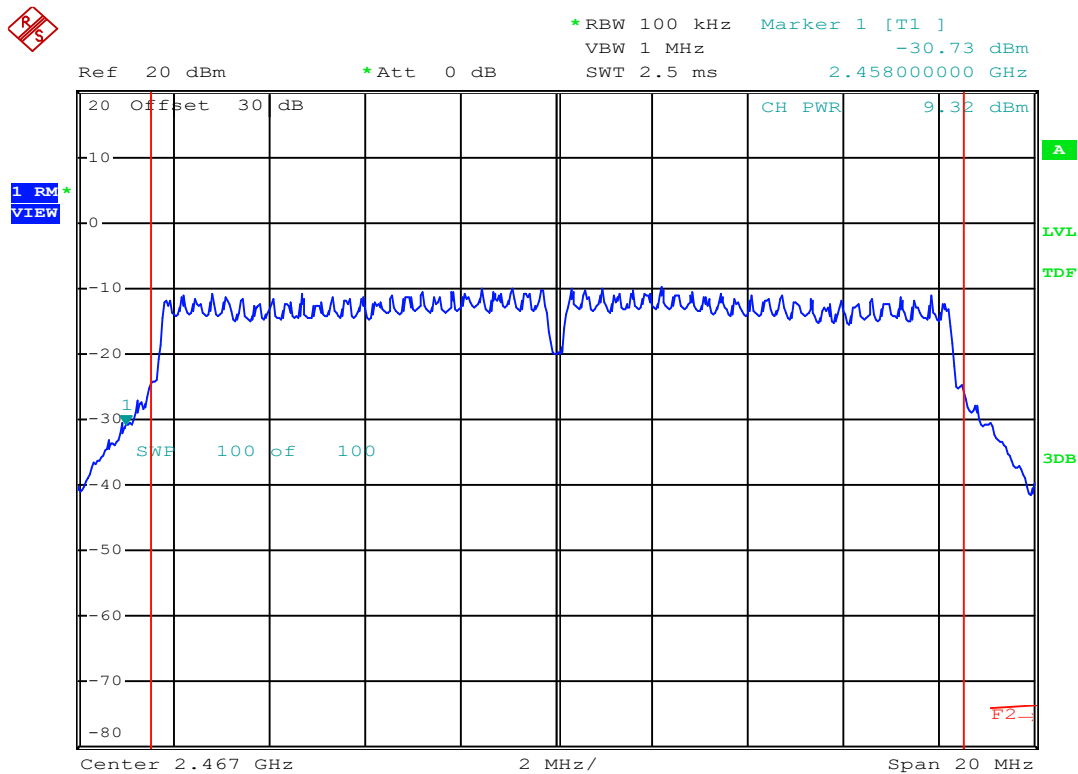
Mode: 802.11g

Channel Frequency: **2462** MHz

Modulation: OFDM6

Measured Channel Power: 12.66 dBm

Conducted Power:



Date: 4.JUL.2024 15:14:17

Channel: 12

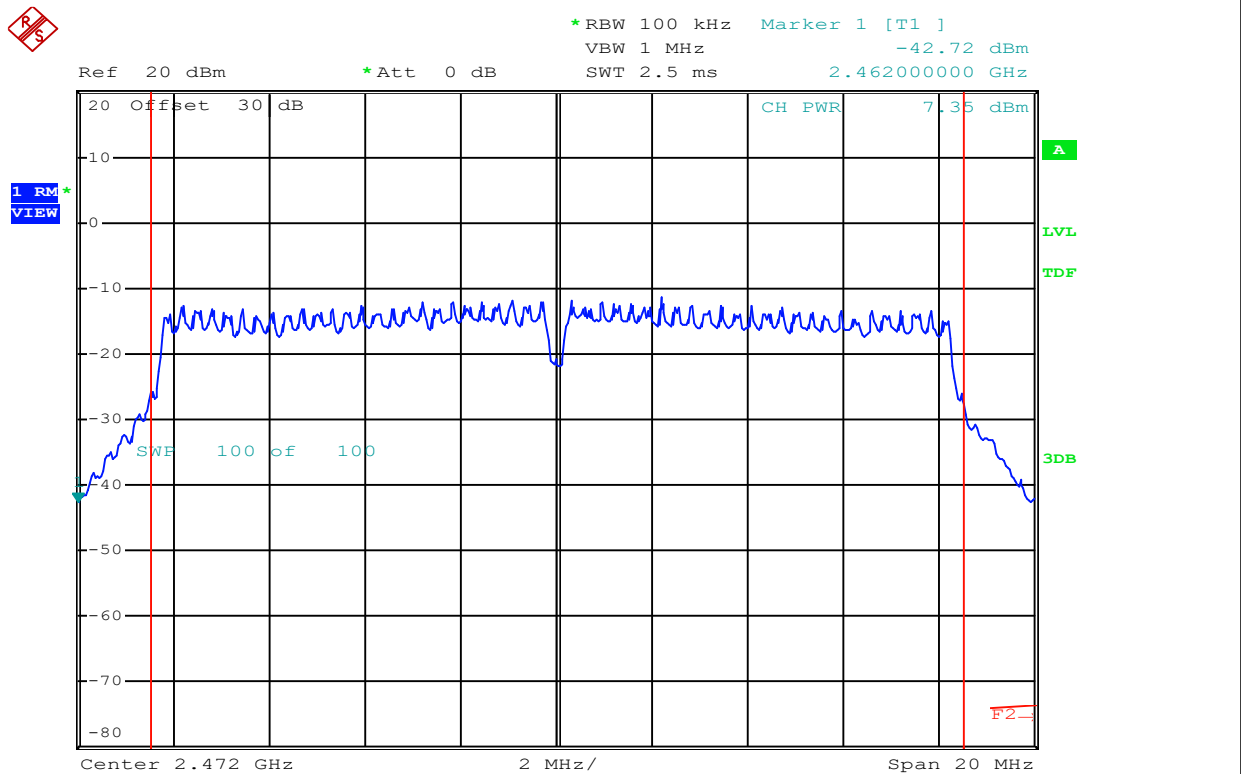
Mode: 802.11g

Channel Frequency: **2467** MHz

Modulation: OFDM6

Measured Channel Power: 9.32 dBm

Conducted Power:



Date: 4.JUL.2024 15:14:57

Channel: 13

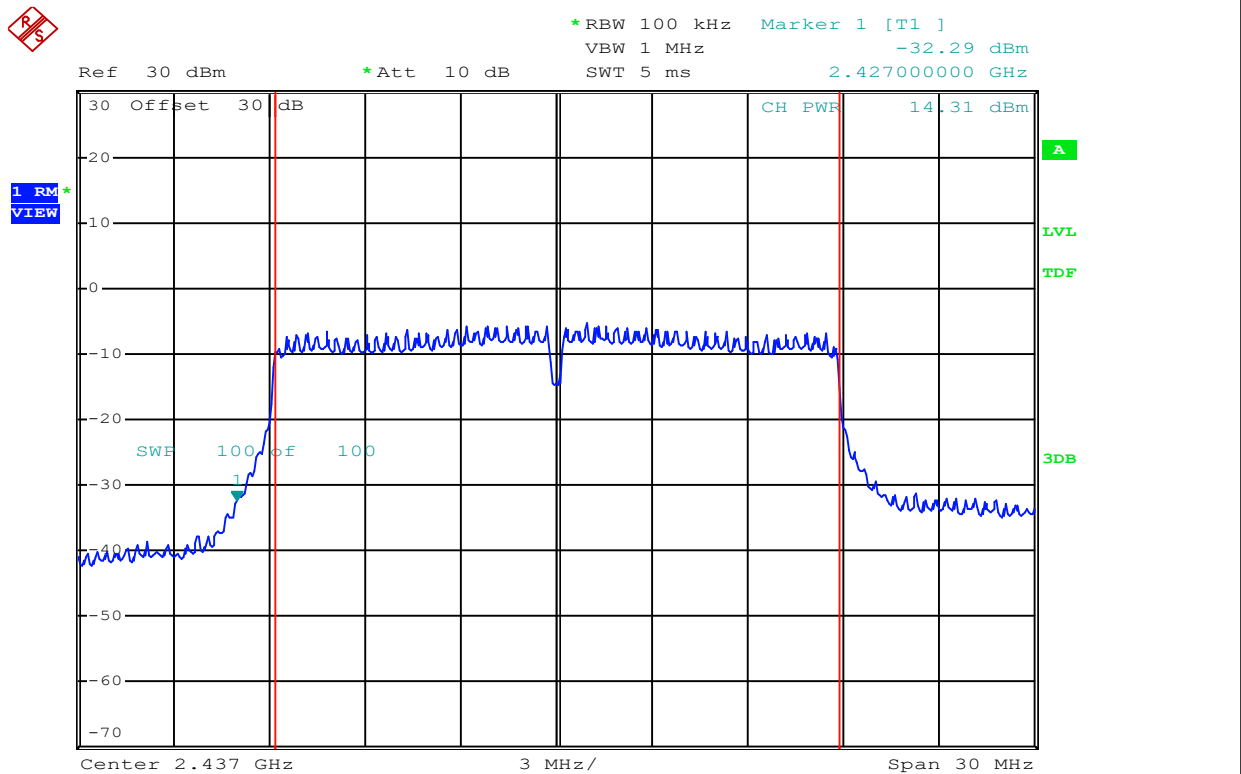
Mode: 802.11g

Channel Frequency: 2472 MHz

Modulation: OFDM6

Measured Channel Power: 7.35 dBm

Conducted Power:



Date: 24.JUN.2024 12:29:28

Channel: 6

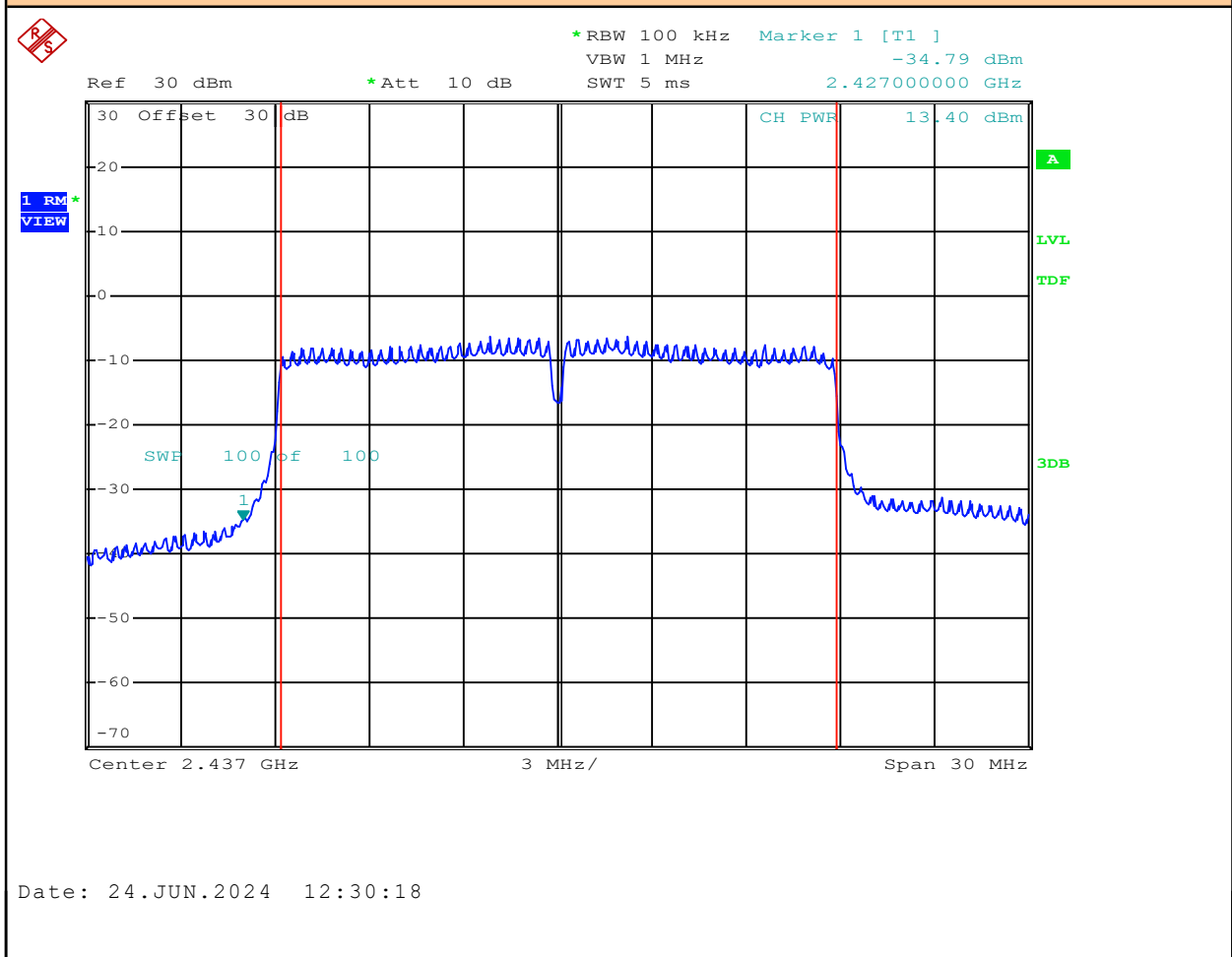
Mode: 802.11n

Channel Frequency: 2437 MHz

Modulation: MCS0

Measured Channel Power: 14.31 dBm

Conducted Power:



Channel: **6**

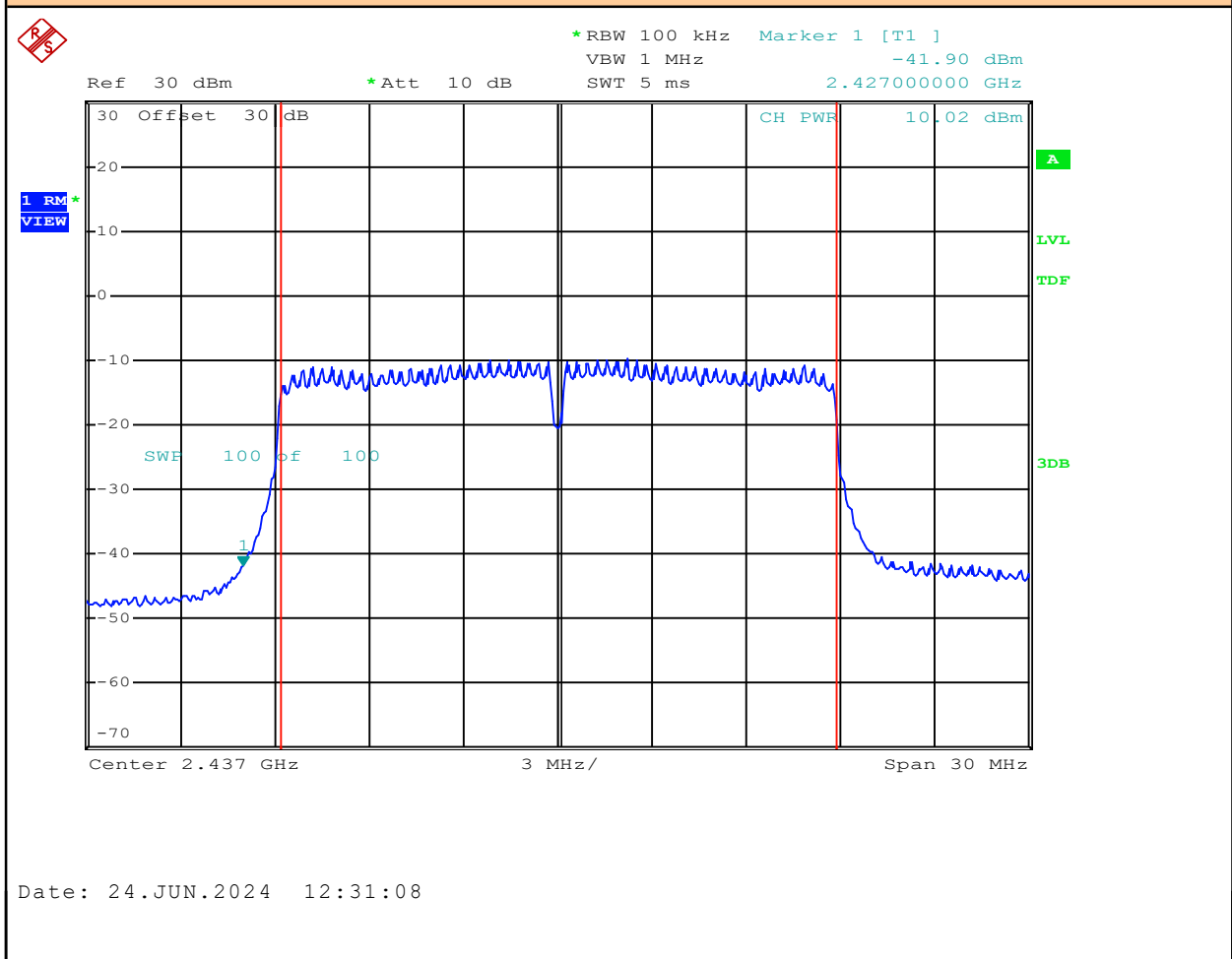
Mode: 802.11n

Channel Frequency: 2437 MHz

Modulation: MCS3

Measured Channel Power: 13.4 dBm

Conducted Power:



Channel: 6

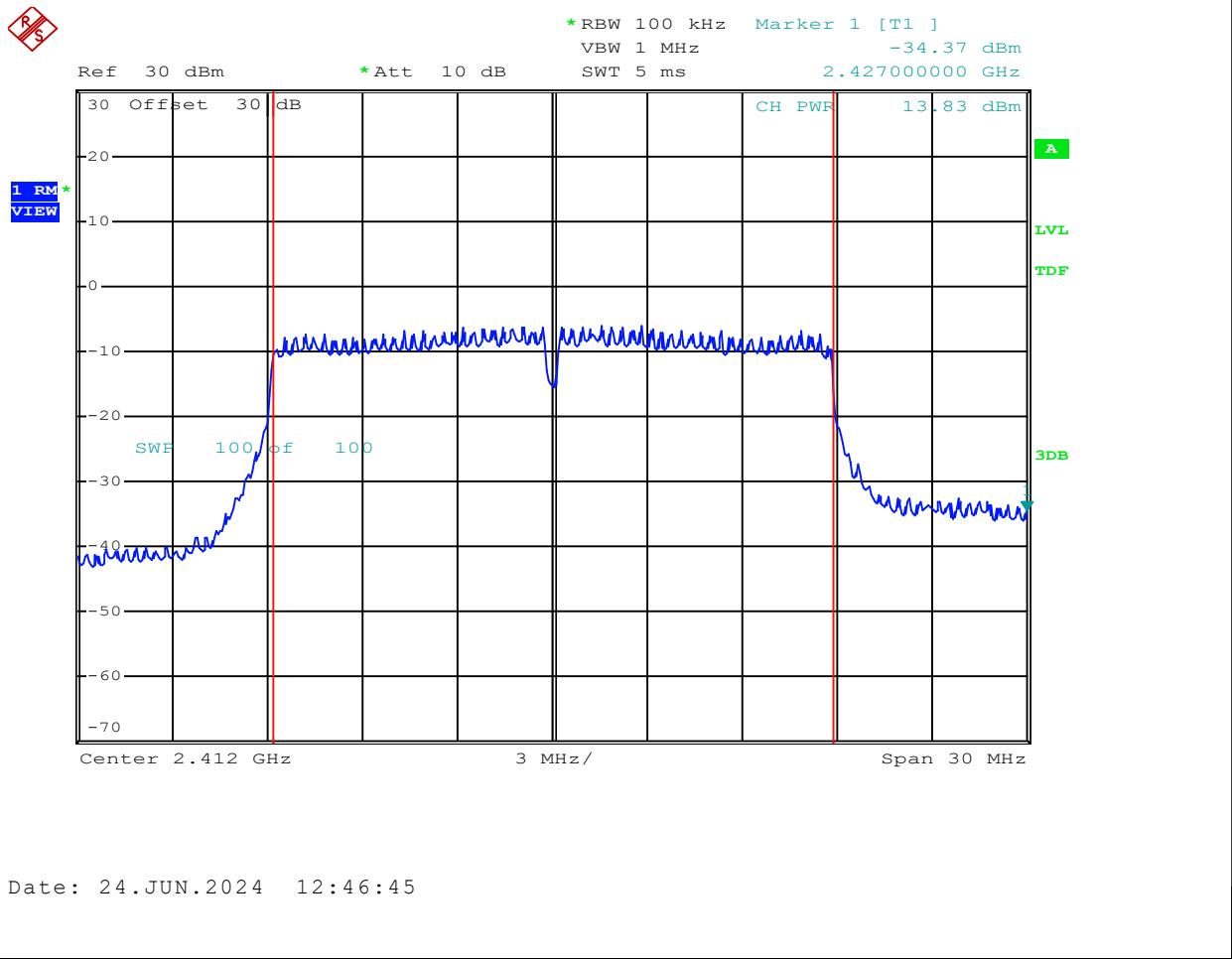
Mode:	802.11n
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Channel Frequency: 2437 MHz

Modulation: MCS7

Measured Channel Power: 10.02 dBm

Conducted Power:



Date: 24.JUN.2024 12:46:45

Channel: 1

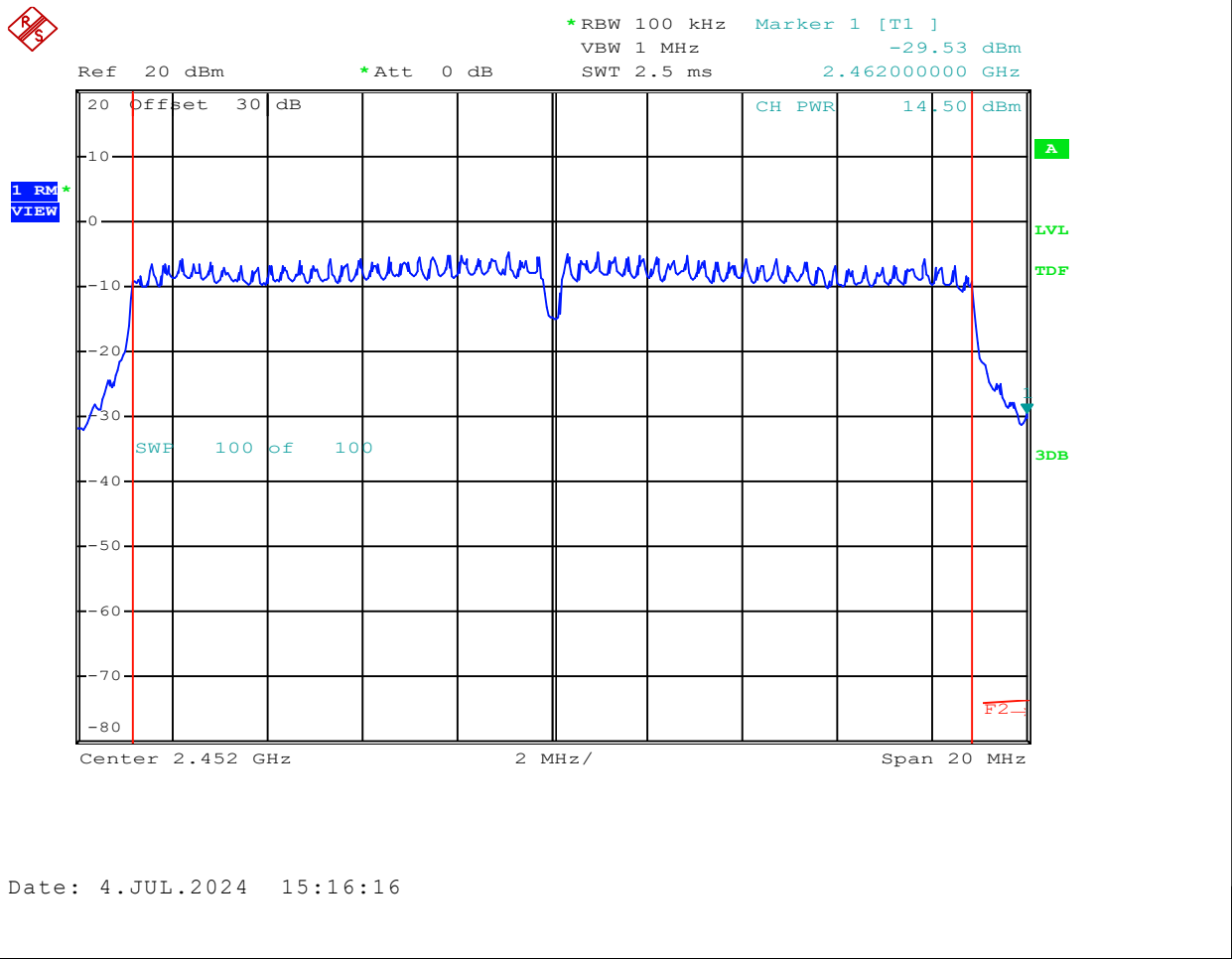
Mode:	802.11n
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Channel Frequency: **2412** MHz

Modulation: MCS0

Measured Channel Power: 13.83 dBm

Conducted Power:



Date: 4.JUL.2024 15:16:16

Channel: 9

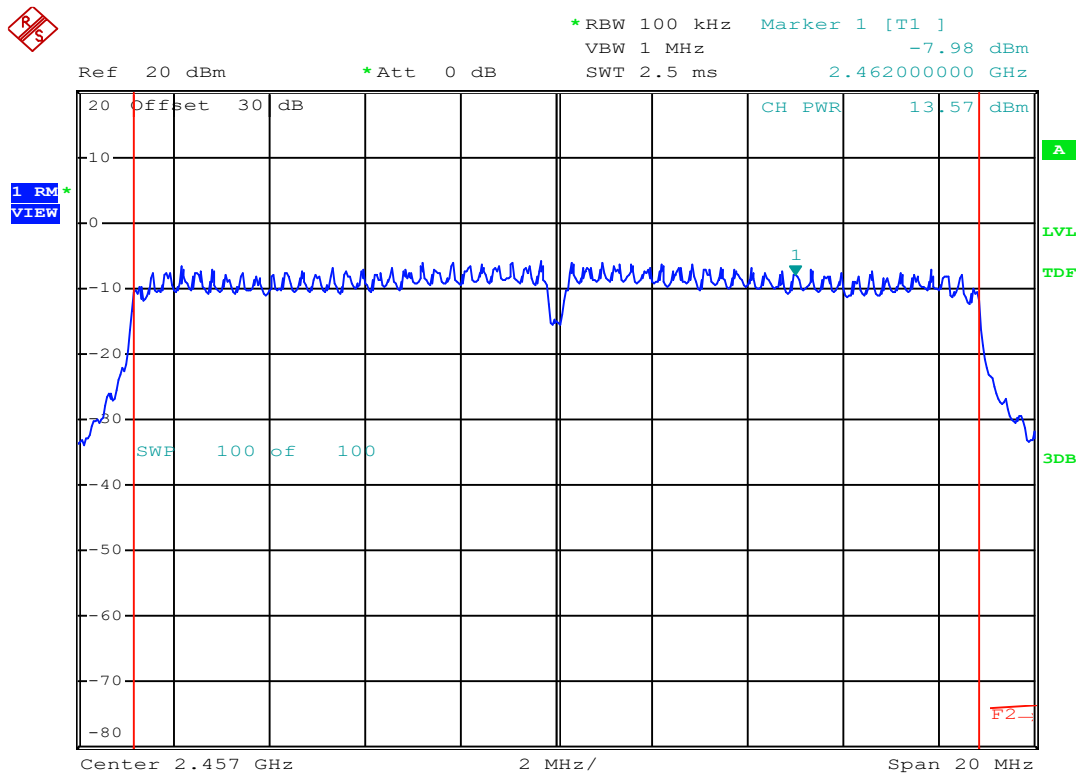
Mode: 802.11n

Channel Frequency: 2452 MHz

Modulation: MCS0

Measured Channel Power: 14.5 dBm

Conducted Power:



Date: 4.JUL.2024 15:20:01

Channel: 10

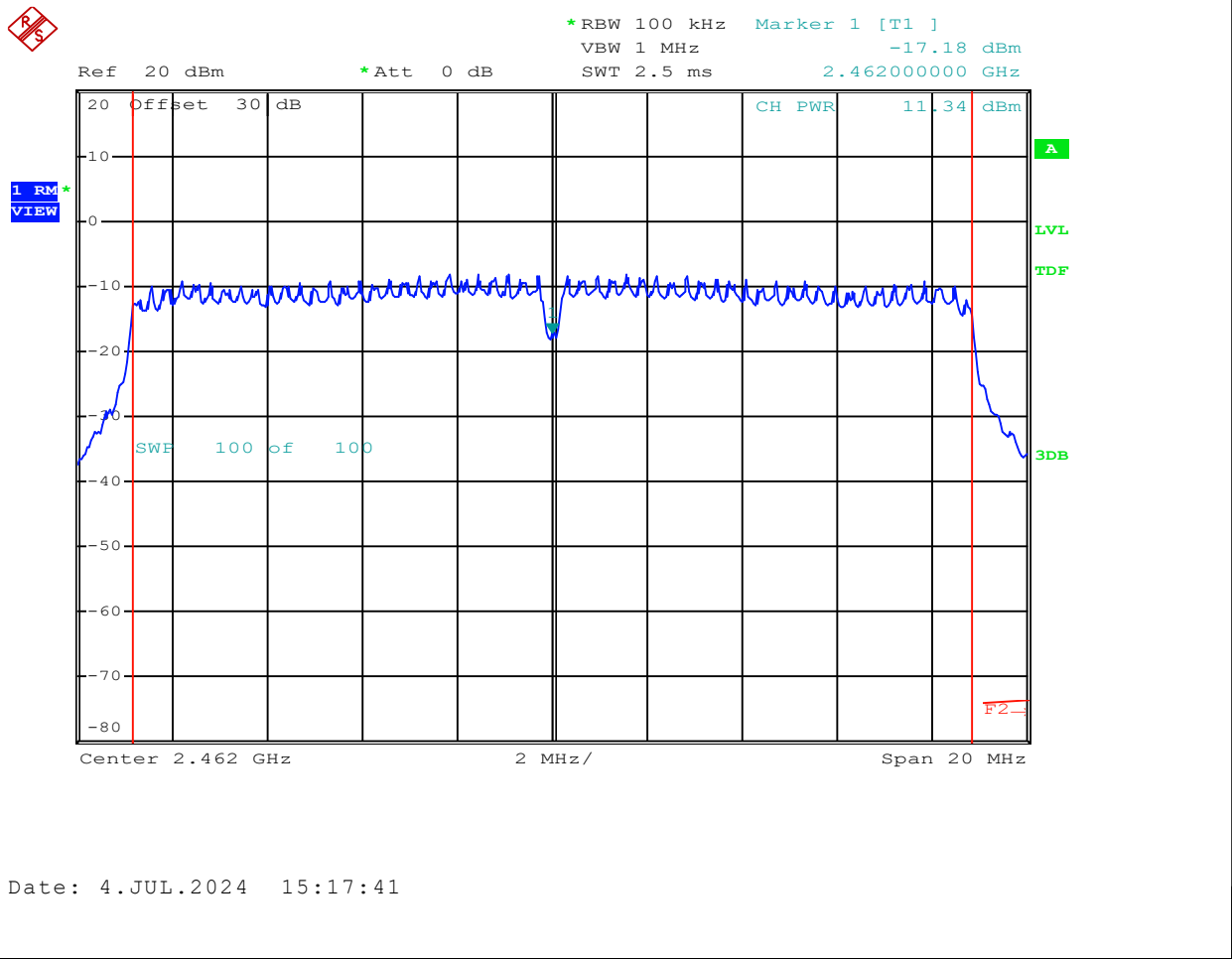
Mode: 802.11n

Channel Frequency: **2457** MHz

Modulation: MCS0

Measured Channel Power: 13.57 dBm

Conducted Power:



Date: 4.JUL.2024 15:17:41

11

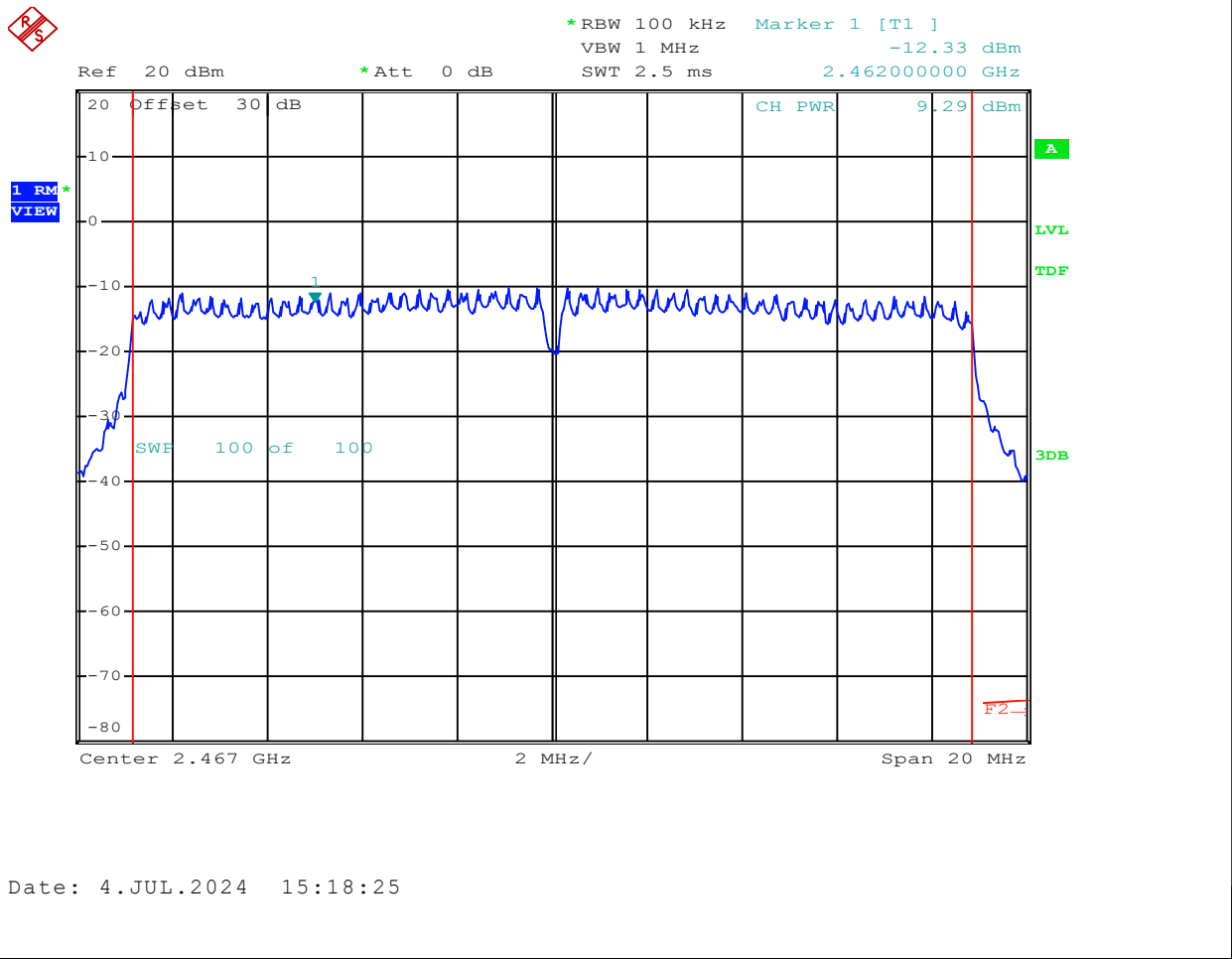
2462

802.11n

MCS0

11.34

Conducted Power:



Date: 4.JUL.2024 15:18:25

Channel: 12

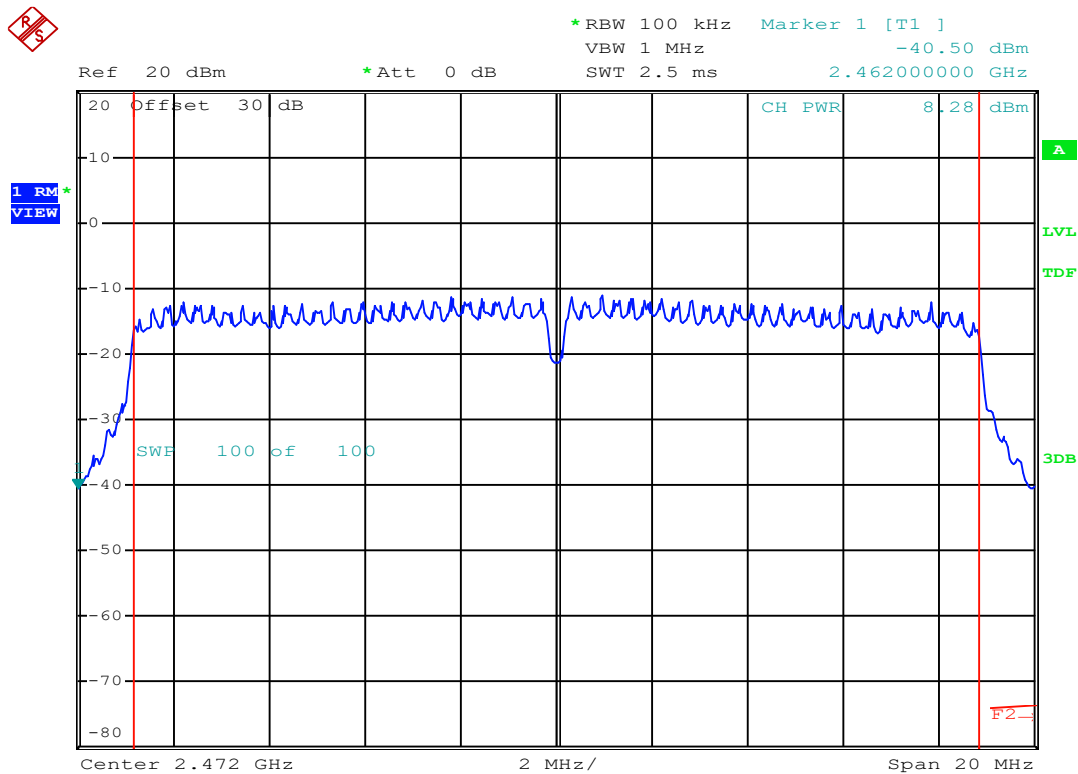
Mode:	802.11n
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Channel Frequency: 2467 MHz

Modulation: MCS0

Measured Channel Power: 9.29 dBm

Conducted Power:



Date: 4.JUL.2024 15:19:02

Channel: 13

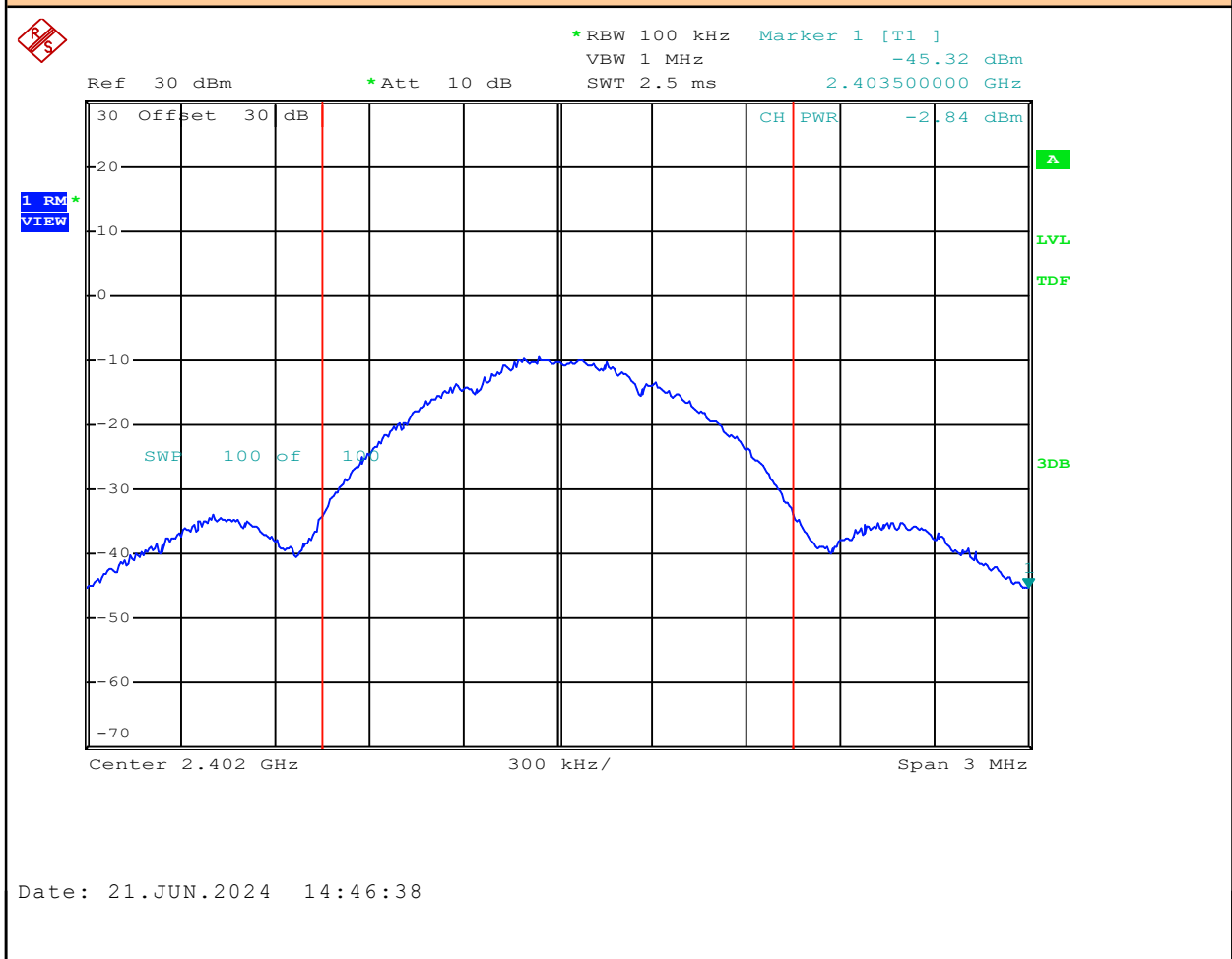
Mode: 802.11n

Channel Frequency: **2472** MHz

Modulation: MCS0

Measured Channel Power: 8.28 dBm

Conducted Power:



Channel: 37

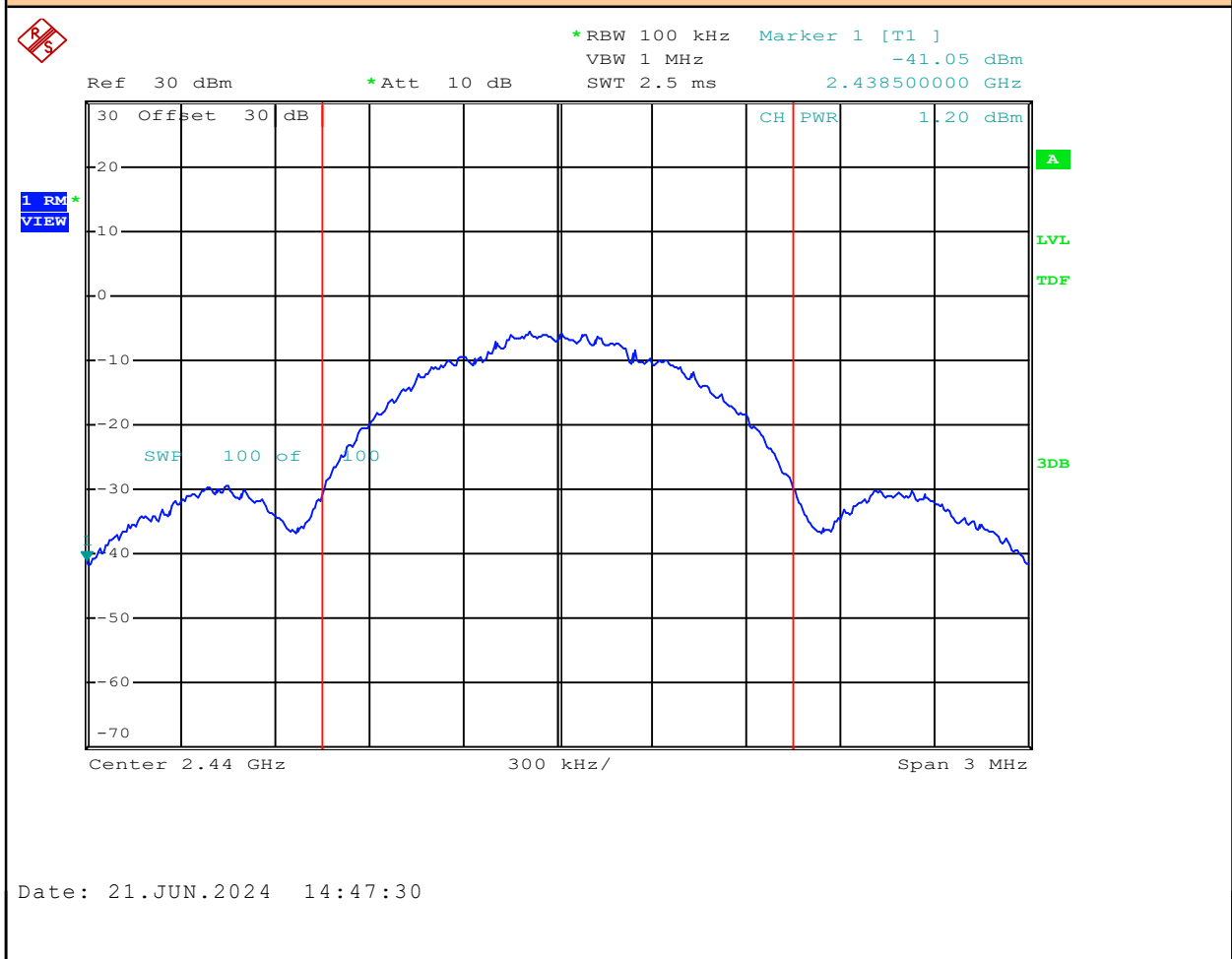
Mode: BLE 1mb

Channel Frequency: 2402 MHz

Modulation: **GMSK**

Measured Channel Power: -2.84 dBm

Conducted Power:



Channel: 17

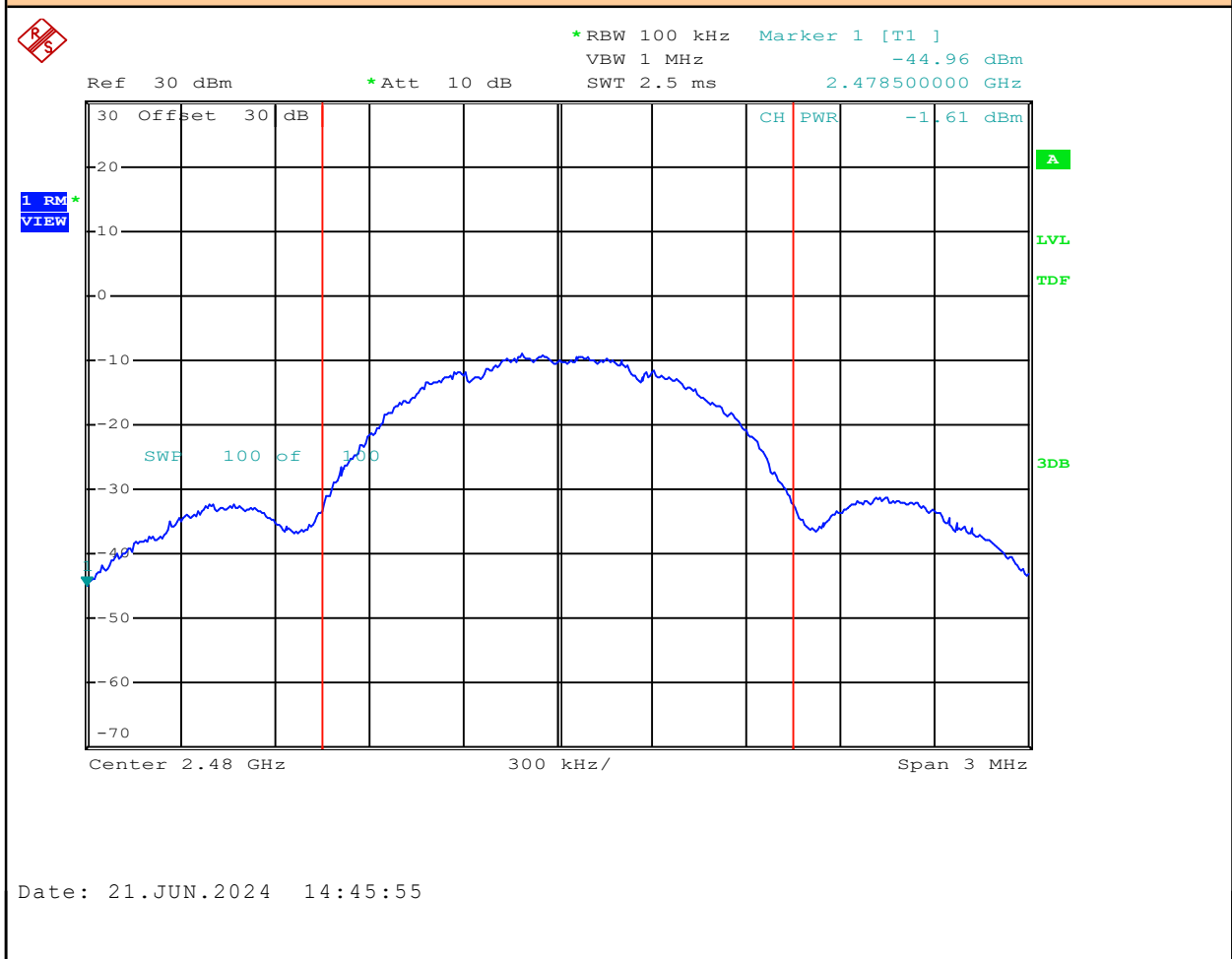
Mode: BLE 1mb

Channel Frequency: 2440 MHz

Modulation: **GMSK**

Measured Channel Power: 1.2 dBm

Conducted Power:



Channel: 39

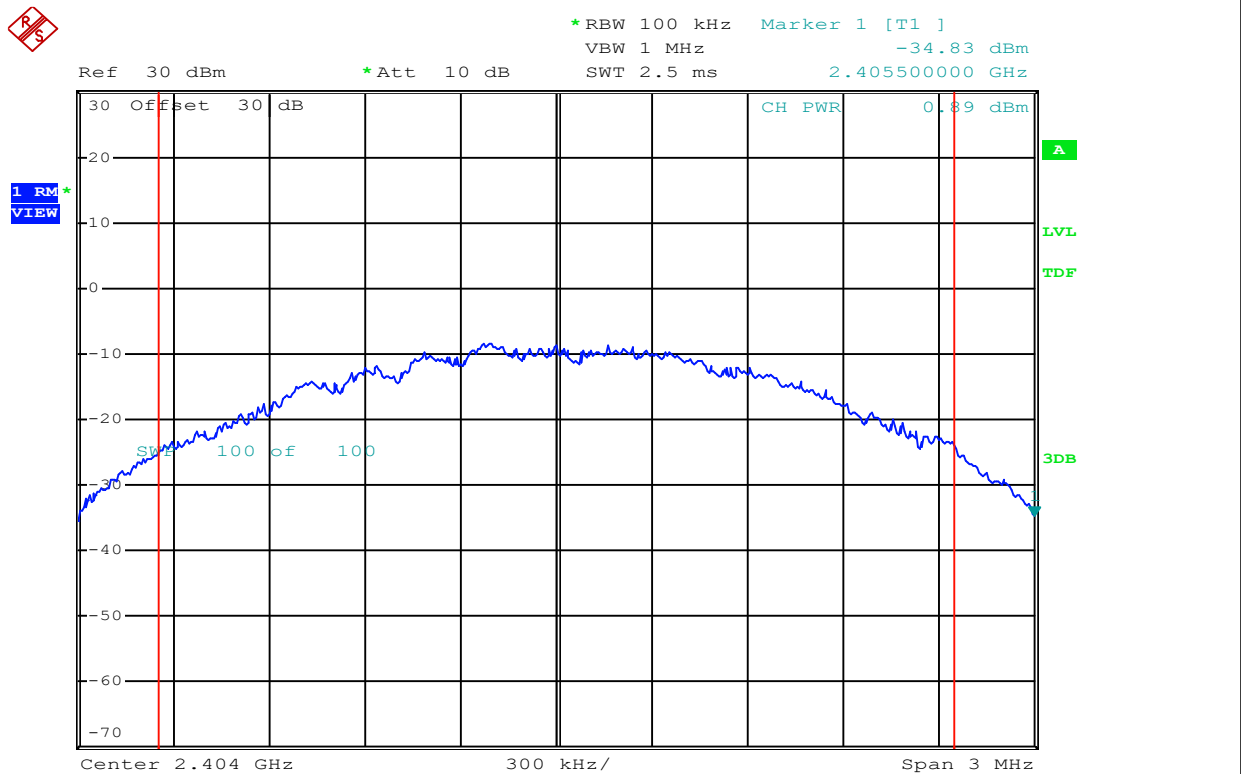
Mode: BLE 1mb

Channel Frequency: **2480** MHz

Modulation: **GMSK**

Measured Channel Power: -1.6 dBm

Conducted Power:



Date: 21.JUN.2024 14:54:29

Channel: 1

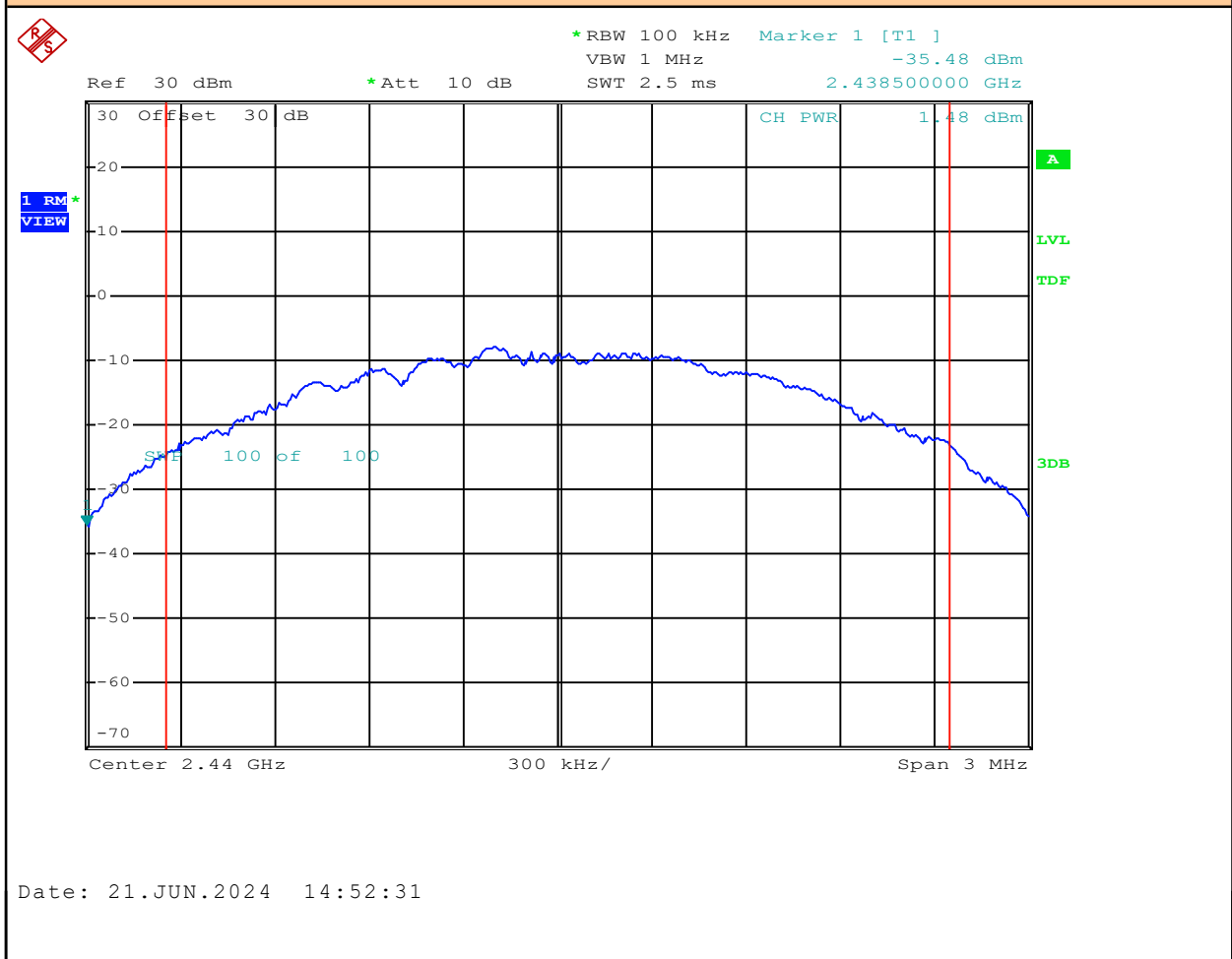
Mode: BLE 2mb

Channel Frequency: 2404 MHz

Modulation: **GMSK**

Measured Channel Power: 0.89 dBm

Conducted Power:



Channel: 17

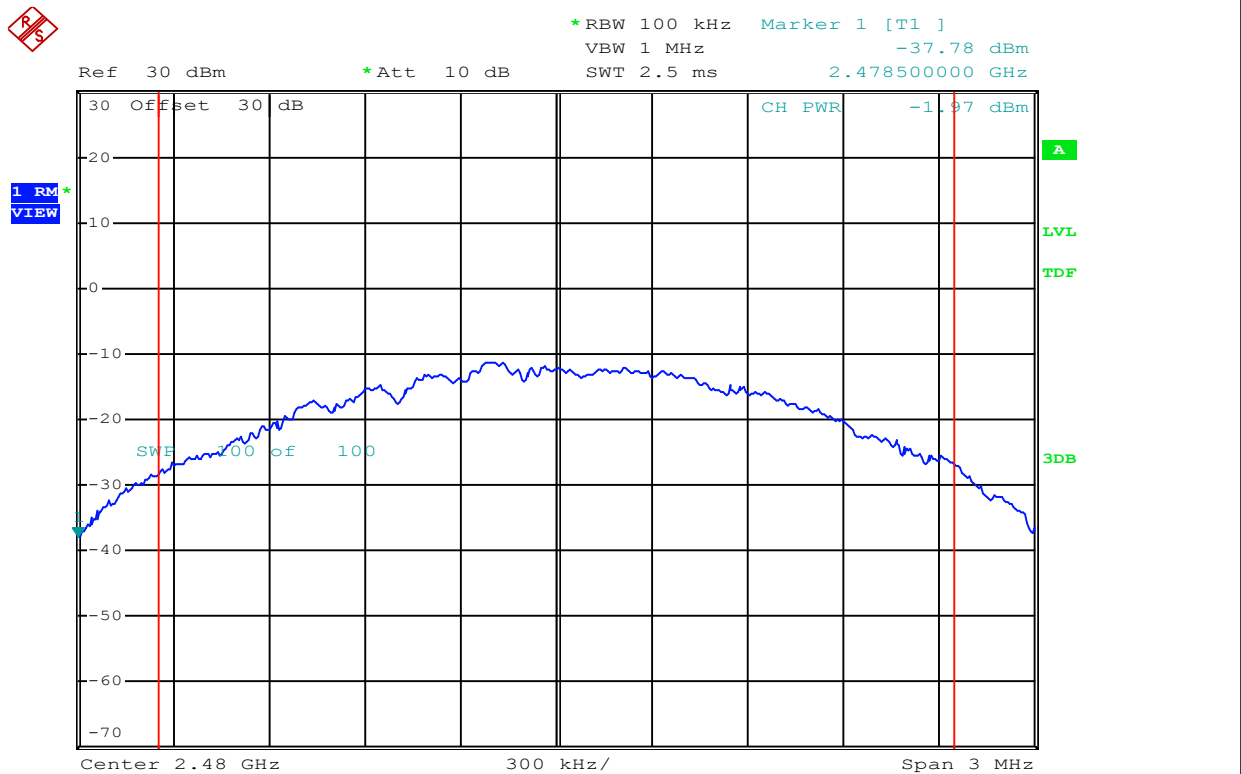
Mode: BLE 2mb

Channel Frequency: 2440 MHz

Modulation: **GMSK**

Measured Channel Power: 1.48 dBm

Conducted Power:



Date: 21.JUN.2024 14:53:23

Channel: 36

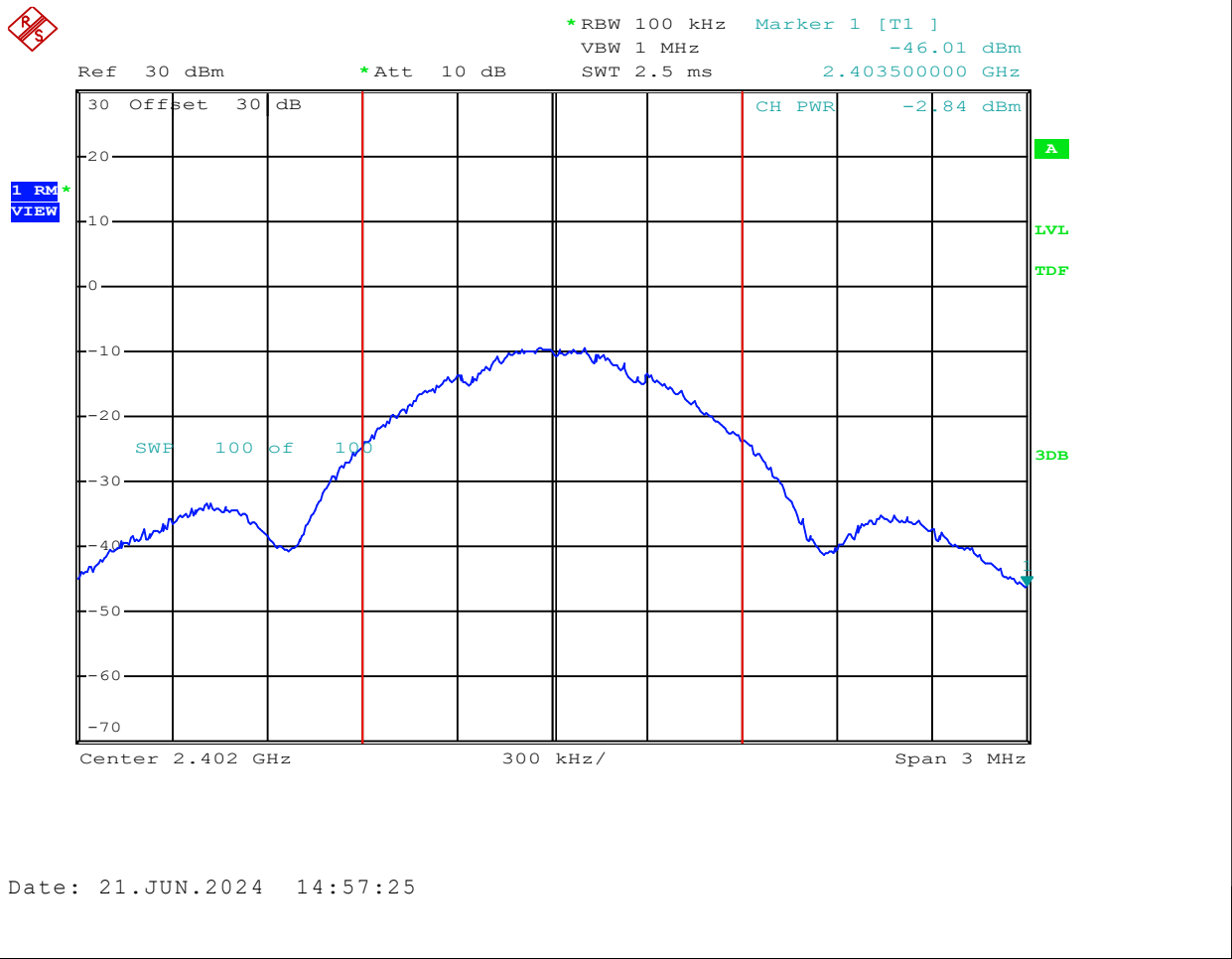
Mode: BLE 2mb

Channel Frequency: 2478 MHz

Modulation: **GMSK**

Measured Channel Power: **-1.97** dBm

Conducted Power:



Channel: 2

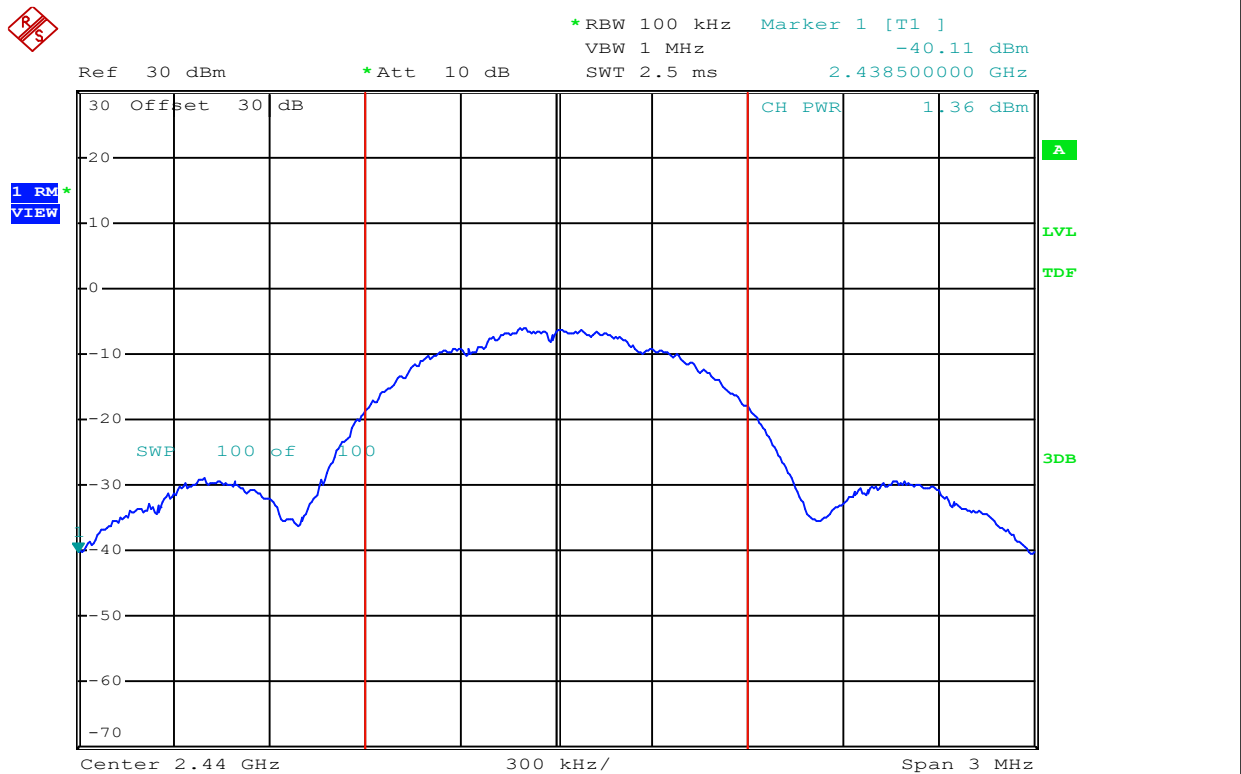
Mode: **ANT**

Channel Frequency: **2402** MHz

Modulation: **GFSK**

Measured Channel Power: **-2.84** dBm

Conducted Power:



Date: 21.JUN.2024 14:56:23

Channel: 38

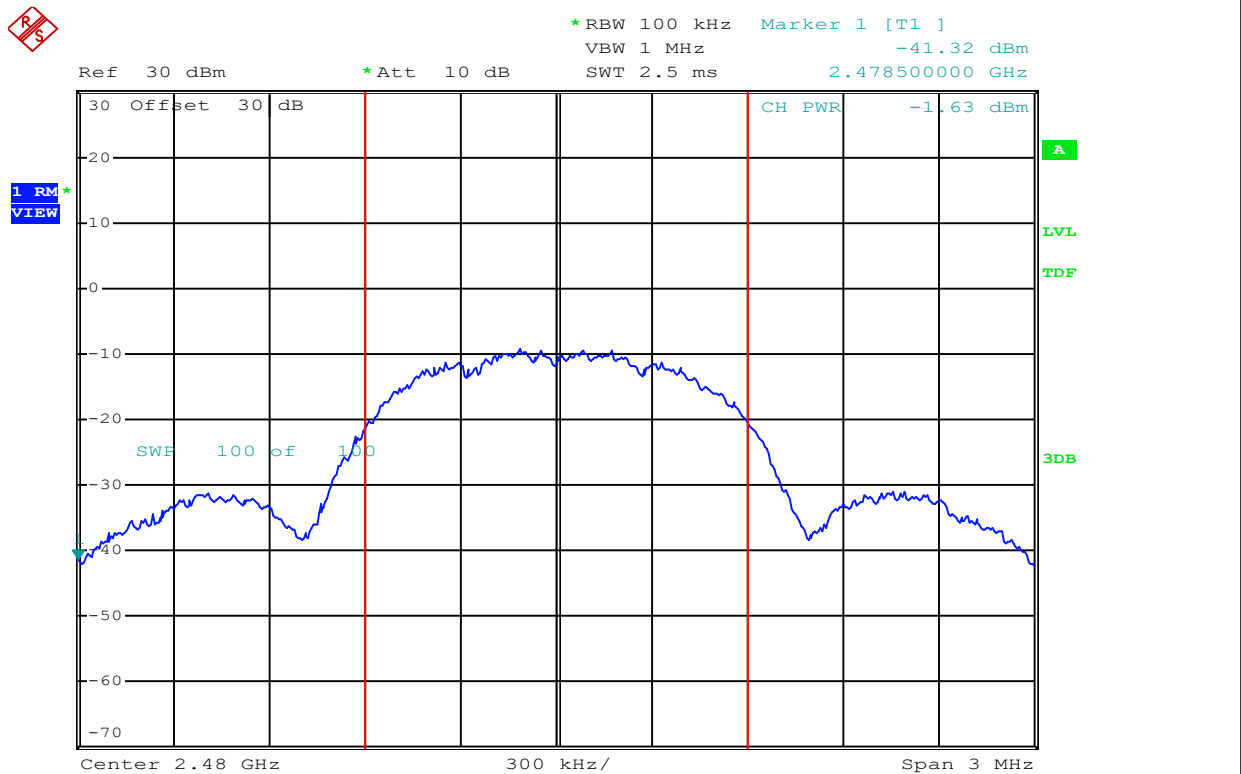
Mode: ANT

Channel Frequency: 2440 MHz

Modulation: **GFSK**

Measured Channel Power: 1.36 dBm

Conducted Power:



Date: 21.JUN.2024 14:58:55

Channel: 80

Mode: ANT

Channel Frequency: 2480 MHz

Modulation: **GFSK**

Measured Channel Power: -1.1 dBm

Conducted Power Measurement Results: DSS

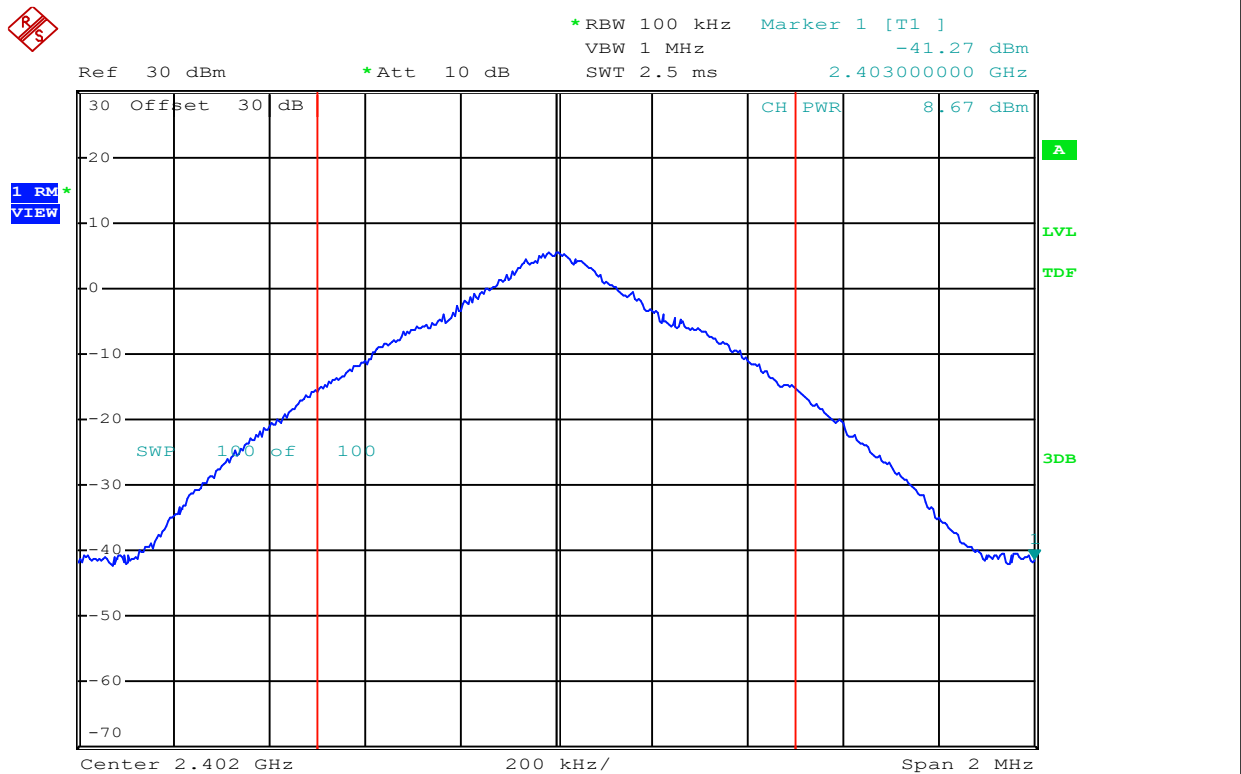
Channel Number	Channel Frequency (MHz)	Mode	Modulation	Measured Power [P _{Meas}] (dBm)	Limit [P _{Lim}] (dBm)	Conducted Margin (dB)	Antenna Gain [G] (dBi)	EIRP [E _{Meas}] (dBm)	EIRP Limit [E _{Lim}] (dBm)	EIRP Margin (dB)
0	2402.00	BT BR	GFSK	8.67	30	21.3	-5.8	2.9	36	33.1
38	2440.00			9.31		20.7		3.5		32.5
78	2480.00			9.12		20.9		3.3		32.7
0	2402.00	BT 2EDR	Pi/4-DQPSK	7.87		22.1		2.1		33.9
38	2440.00			8.54		21.5		2.7		33.3
78	2480.00			9.25		20.8		3.5		32.6
0	2402.00	BT 3EDR	8-DPSK	8.14		21.9		2.3		33.7
38	2440.00			8.17		21.8		2.4		33.6
78	2480.00			8.95		21.1		3.2		32.9
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.JUN.2024 15:01:31

Channel: 0

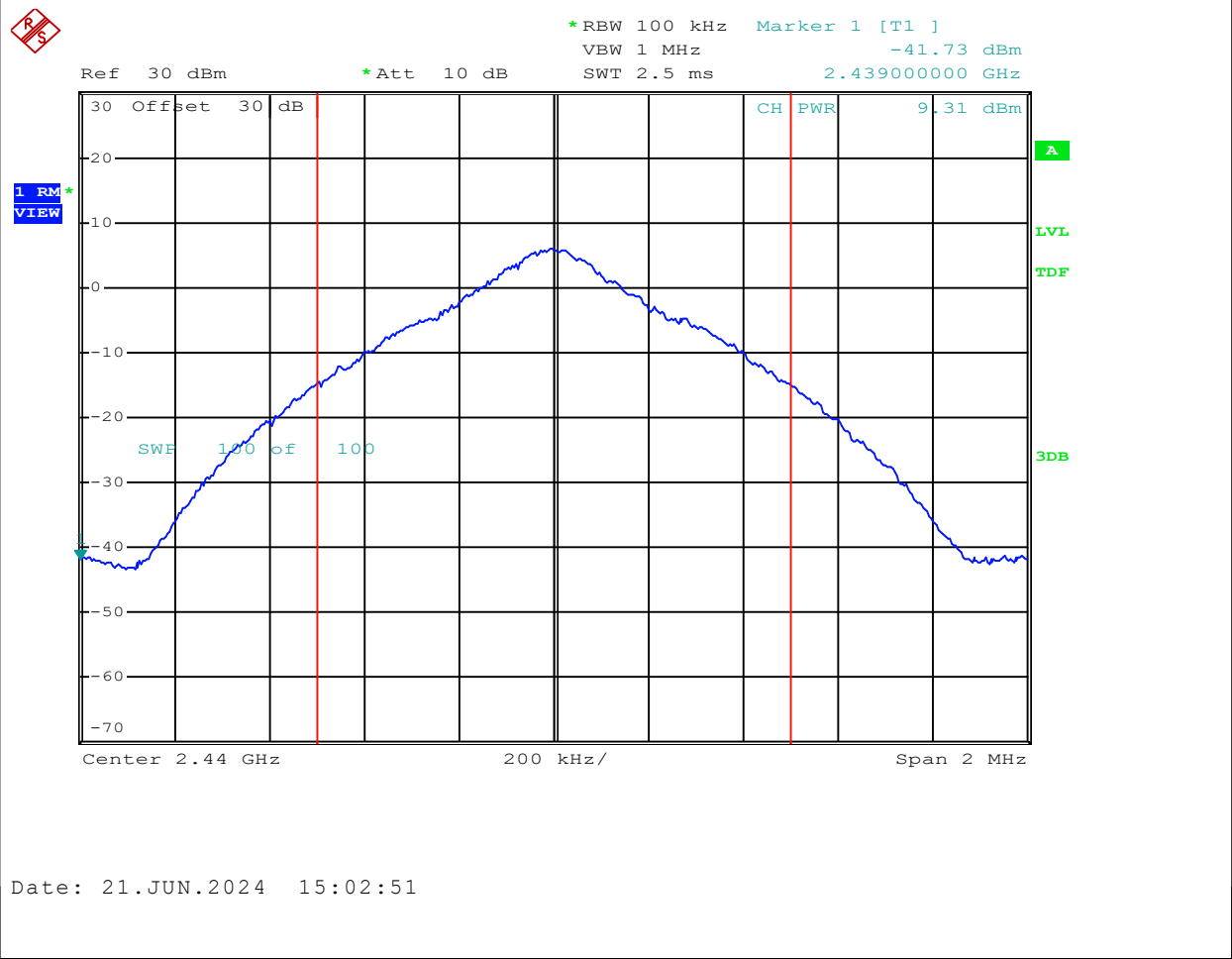
Mode: BT BR

Channel Frequency: 2402 MHz

Modulation: **GFSK**

Measured Channel Power: 8.67 dBm

Conducted Power:



Date: 21.JUN.2024 15:02:51

Channel: 38

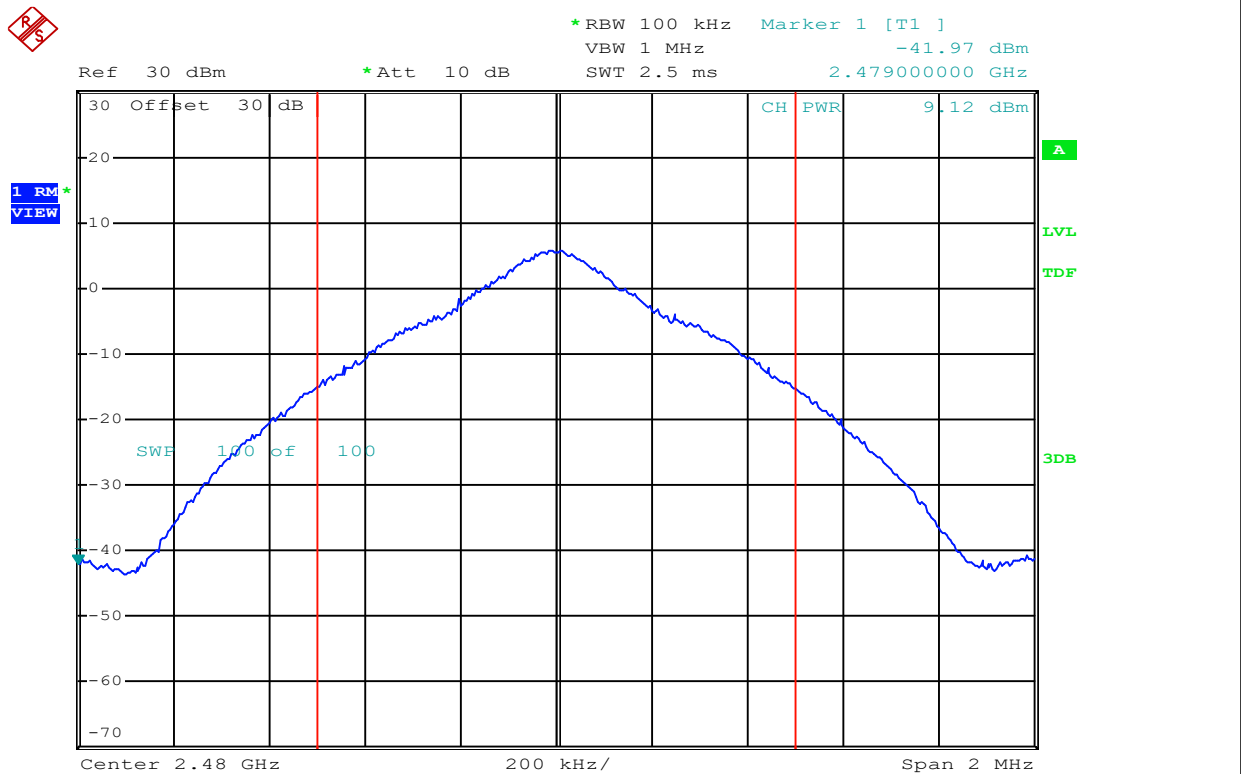
Mode: BT BR

Channel Frequency: 2440 MHz

Modulation: **GFSK**

Measured Channel Power: 9.31 dBm

Conducted Power:



Date: 21.JUN.2024 15:05:26

Channel: 78

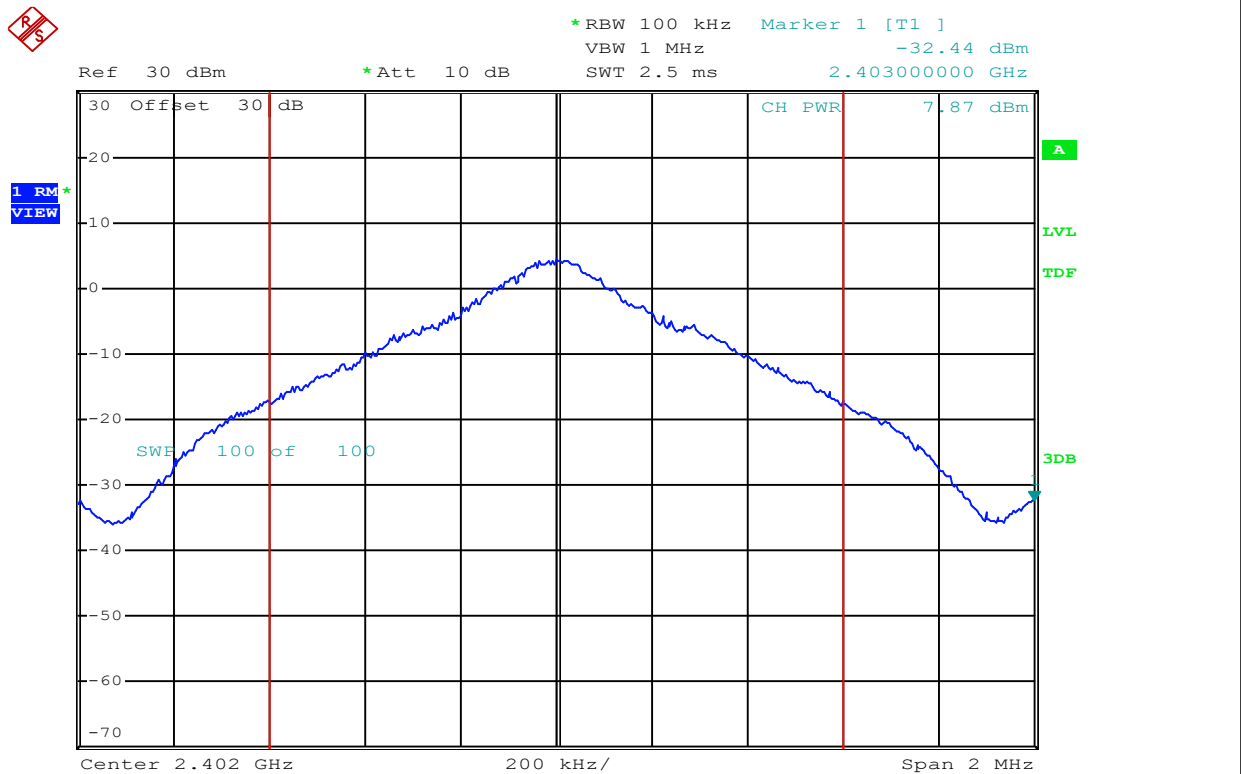
Mode: BT BR

Channel Frequency: 2480 MHz

Modulation: **GFSK**

Measured Channel Power: 9.12 dBm

Conducted Power:



Date: 21.JUN.2024 15:08:39

Channel: 0

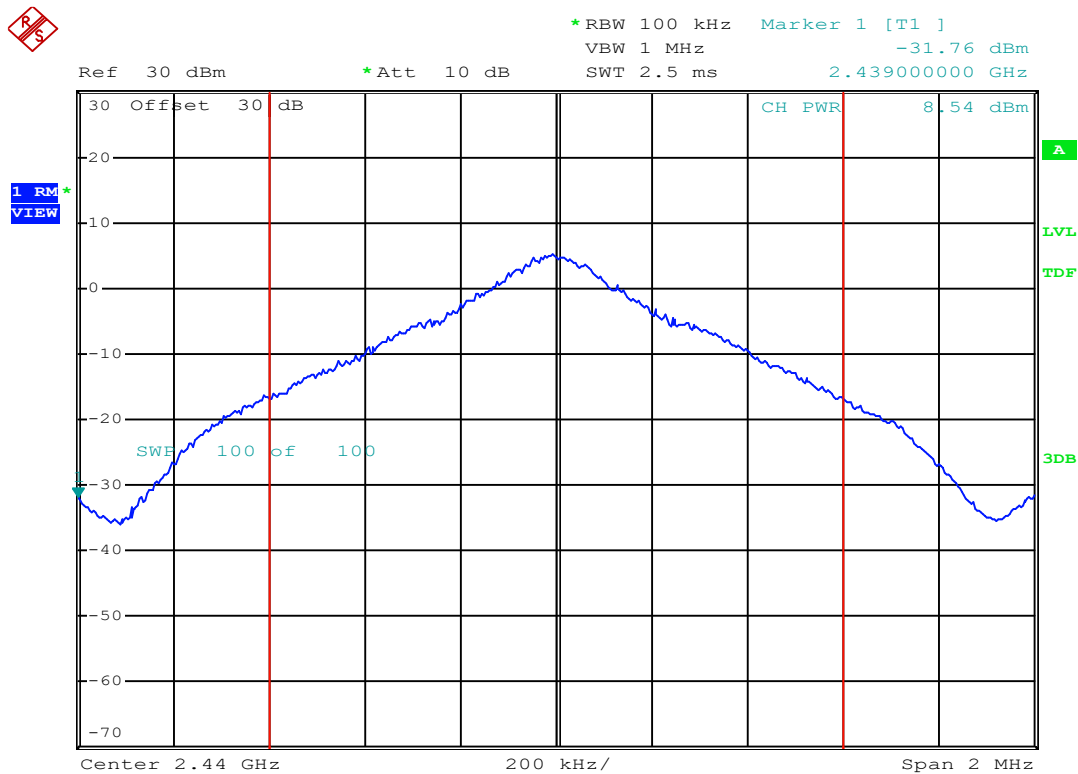
Mode: BT 2EDR

Channel Frequency: 2402 MHz

Modulation: **Pi/4-DQPSK**

Measured Channel Power: 7.87 dBm

Conducted Power:



Date: 21.JUN.2024 15:09:33

Channel: 38

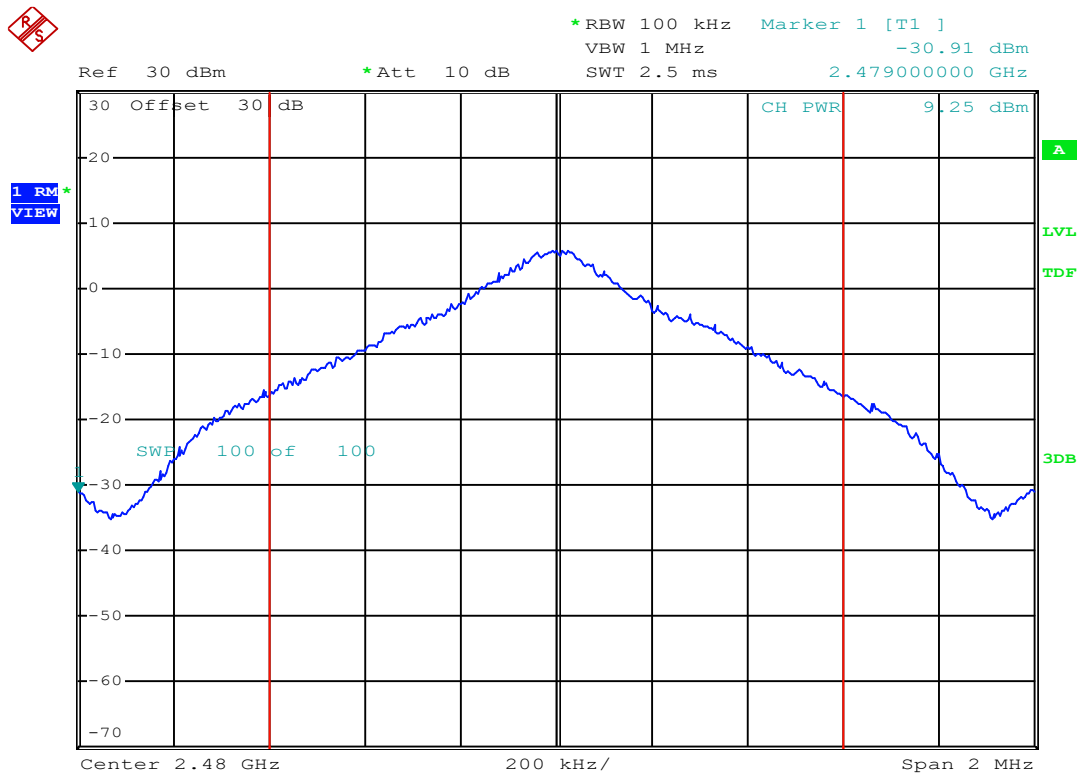
Mode: BT 2EDR

Channel Frequency: 2440 MHz

Modulation: **Pi/4-DQPSK**

Measured Channel Power: 8.54 dBm

Conducted Power:



Date: 21.JUN.2024 15:08:06

Channel: 78

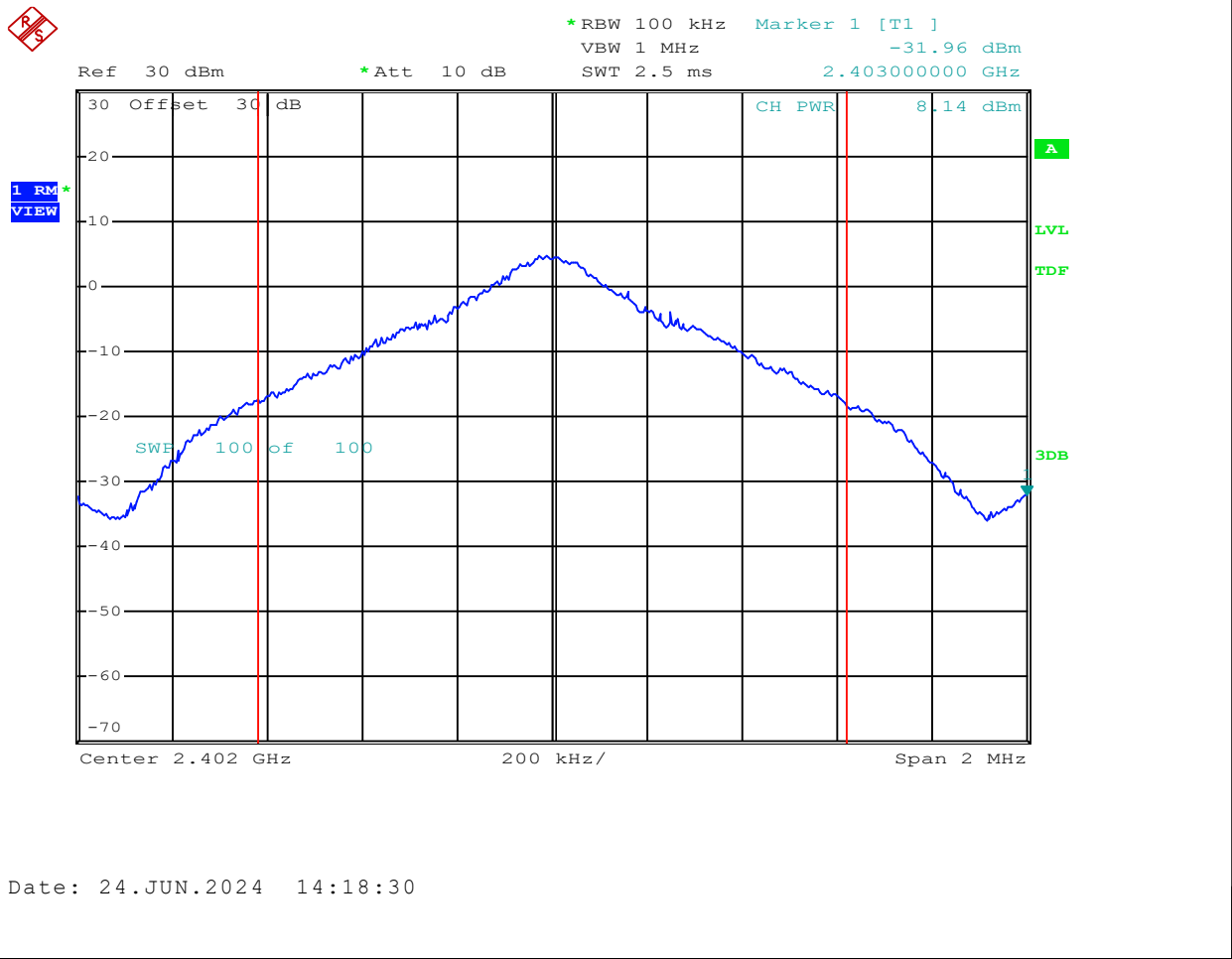
Mode: BT 2EDR

Channel Frequency: 2480 MHz

Modulation: **Pi/4-DQPSK**

Measured Channel Power: **9.25** dBm

Conducted Power:



Date: 24.JUN.2024 14:18:30

Channel: 0

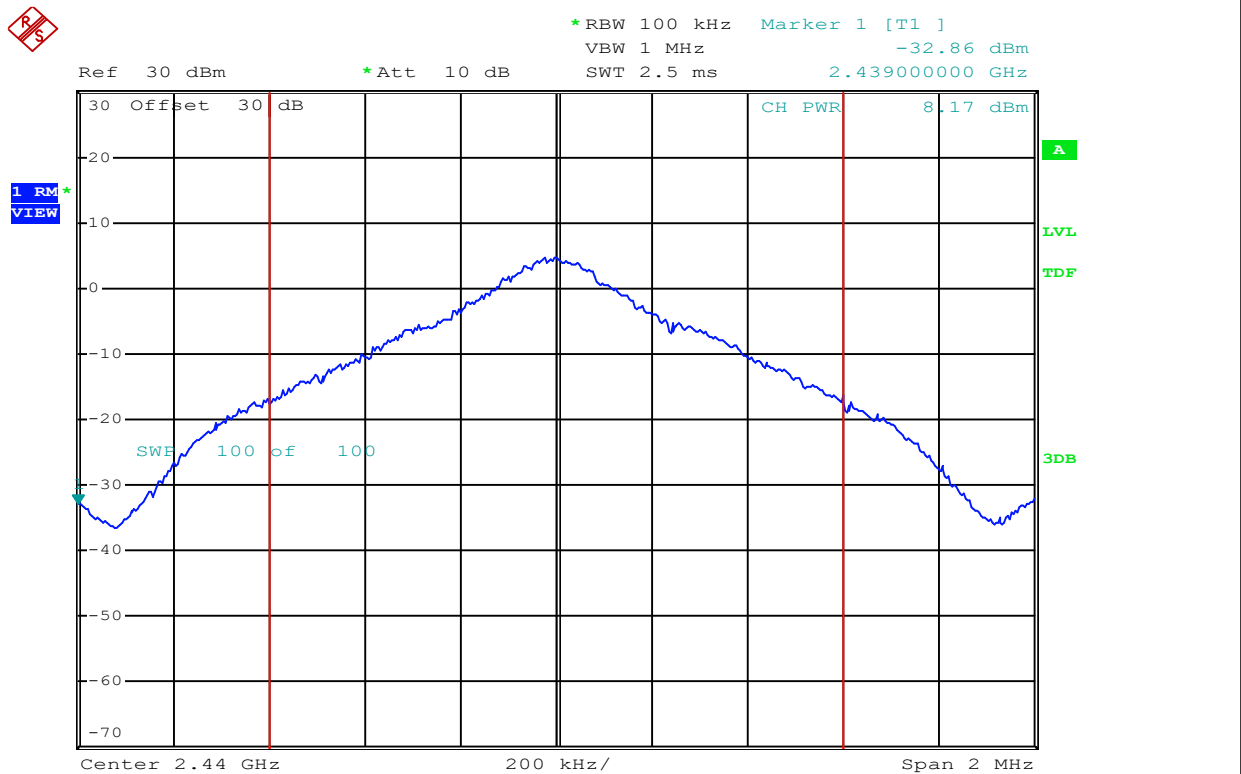
Mode: BT 3EDR

Channel Frequency: 2402 MHz

Modulation: 8-DPSK

Measured Channel Power: 8.14 dBm

Conducted Power:



Date: 21.JUN.2024 15:10:16

Channel: 38

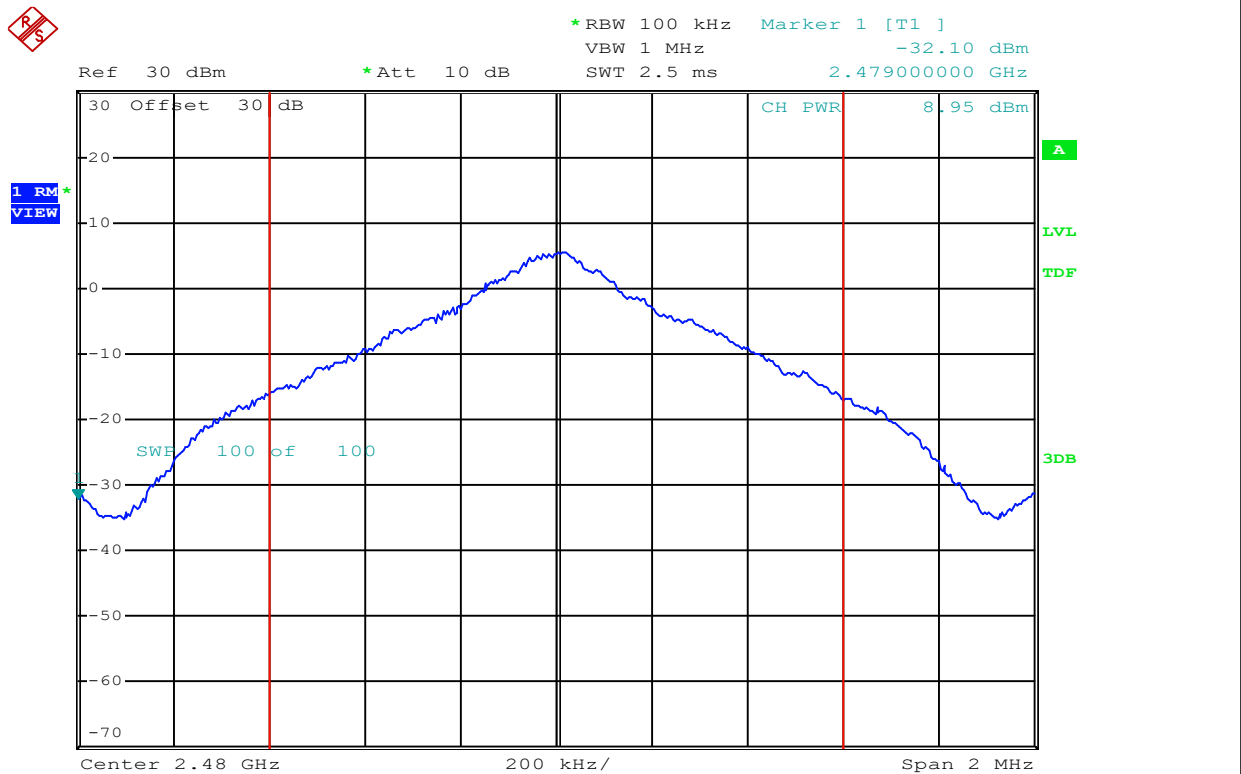
Mode: BT 3EDR

Channel Frequency: 2440 MHz

Modulation: 8-DPSK

Measured Channel Power: 8.17 dBm

Conducted Power:



Date: 21.JUN.2024 15:11:22

Channel: 78

Mode: BT 3EDR

Channel Frequency: 2480 MHz

Modulation: 8-DPSK

Measured Channel Power: **8.95** dBm