

Band Edge Measurement Results: DTS

Mode	Channel	Frequency	Modulation	Emission	Fundamental	Attenuation	Limit	Margin	Antenna	Emission	Fundamental	EIRP	Limit	EIRP
	Number			[P _{Em}]	[P _{Fund}]	[Atten]				[E _{Em}]	[E _{Fund}]	Attenuation		[E _{Em}]
		(MHz)		(dBm)	(dBm)	(dB)	(dB)	(dB)	(dBi)	(dBm)	(dBm)	(dB)	(dB)	(dB)
802.11b	1	2462.00	CCK2	-22.49	16.31	38.80	30	8.8	-5.0	-27.49	11.31	38.80	30	8.8
802.11b	11	2462.00	CCK2	-33.46	16.31	49.77	30	19.8		-38.46	11.31	49.77	30	19.8
802.11b	12	2467.00	CCK2	-21.94	16.31	38.25	30	8.3		-26.94	11.31	38.25	30	8.3
802.11b	13	2472.00	CCK2	-17.03	16.31	33.34	30	3.3		-22.03	11.31	33.34	30	3.3
802.11g	1	2412.00	OFDM 12	-15.83	16.13	31.96	30	2.0		-20.83	11.13	31.96	30	2.0
802.11g	11	2462.00	OFDM 12	-19.53	16.13	35.66	30	5.7		-24.53	11.13	35.66	30	5.7
802.11g	12	2467.00	OFDM 12	-16.33	16.13	32.46	30	2.5		-21.33	11.13	32.46	30	2.5
802.11g	13	2472.00	OFDM 12	-18.07	16.13	34.20	30	4.2		-23.07	11.13	34.20	30	4.2
802.11n	1	2412.00	MCS0	-19.85	15.67	35.52	30	5.5		-24.85	10.67	35.52	30	5.5
802.11n	11	2462.00	MCS0	-20.29	15.67	35.96	30	6.0		-25.29	10.67	35.96	30	6.0
802.11n	12	2467.00	MCS0	-17.21	15.67	32.88	30	2.9		-22.21	10.67	32.88	30	2.9
802.11n	13	2472.00	MCS0	-19.49	15.67	35.16	30	5.2		-24.49	10.67	35.16	30	5.2
BLE 1mb	37	2402.00	GMSK	-37.56	2.99	40.55	30	10.6		-42.56	-2.01	40.55	30	10.6
BLE 1mb	39	2480.00	GMSK	-39.69	2.99	42.68	30	12.7		-44.69	-2.01	42.68	30	12.7
BLE 2mb	0	2404.00	GMSK	-36.39	3.16	39.55	30	9.6		-41.39	-1.84	39.55	30	9.6
BLE 2mb	39	2480.00	GMSK	-35.92	3.16	39.08	30	9.1		-40.92	-1.84	39.08	30	9.1
ANT	0	2402.00	GFSK	-38.96	3.18	42.14	30	12.1		-43.96	-1.82	42.14	30	12.1
ANT	78	2480.00	GFSK	-39.61	3.18	42.79	30	12.8		-44.61	-1.82	42.79	30	12.8
Result:													Complies	

Attenuation [Atten] = [P_{Fund}] - [P_{Em}]

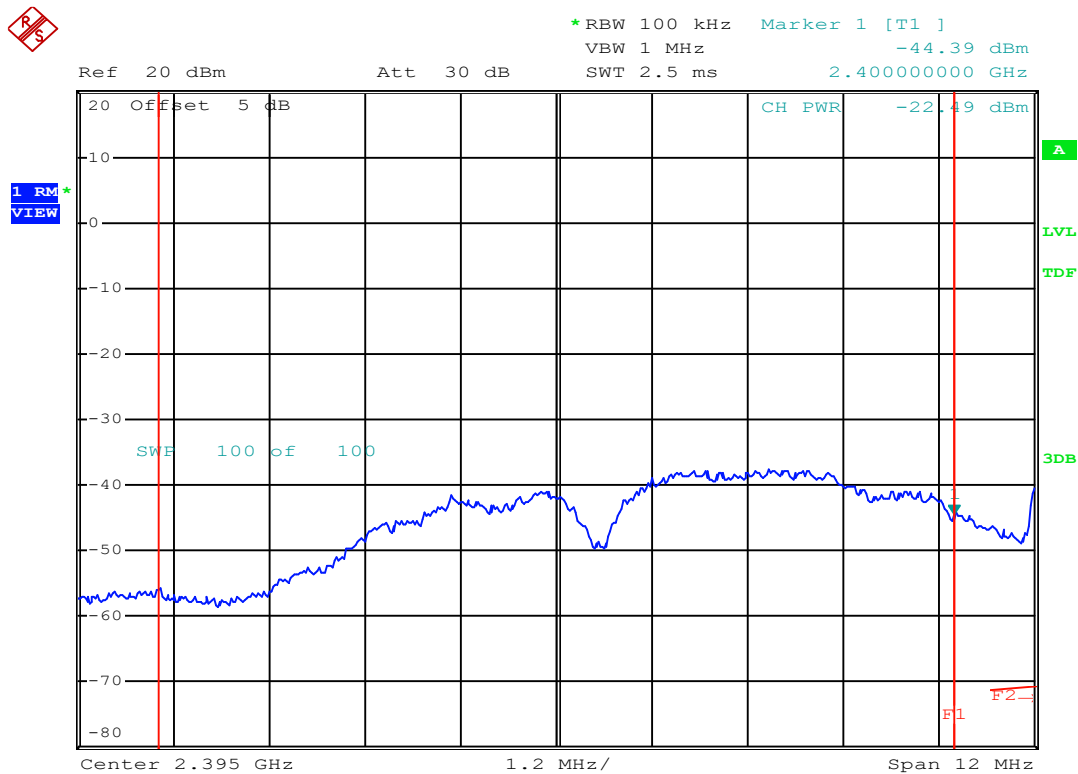
Margin = [Atten] - Limit

Band Edge Measurement Results: DTS															
Mode	Channel Number	Frequency (MHz)	Modulation	Emission Power [P _{Em}] (dBm)	Fundamental Power [P _{Fund}] (dBm)	Attenuation [Atten] (dB)	Limit (dB)	Margin (dB)	Antenna Gain (dBi)	Emission EIRP [E _{Em}] (dBm)	Fundamental EIRP [E _{Fund}] (dBm)	EIRP Attenuation [Atten] (dB)	Limit (dB)	EIRP Margin (dB)	
BT BR	0	2402.00	GFSK	-36.45	11.17	47.62	30	17.6	-5.0	-41.45	6.17	47.62	30	17.6	
BT BR	78	2480.00	GFSK	-38.94	11.17	50.11	30	20.1		-43.94	6.17	50.11	30	20.1	
BT 2EDR	0	2402.00	Pi/4-DQPSK	-33.73	10.42	44.15	30	14.2		-38.73	5.42	44.15	30	14.2	
BT 2EDR	78	2480.00	Pi/4-DQPSK	-38.99	10.42	49.41	30	19.4		-43.99	5.42	49.41	30	19.4	
BT 3EDR	2	2404.00	8-DPSK	-34.72	10.42	45.14	30	15.1		-39.72	5.42	45.14	30	15.1	
BT 3EDR	78	2480.00	8-DPSK	-39.14	10.42	49.56	30	19.6		-44.14	5.42	49.56	30	19.6	
Result:													Complies		

Attenuation [Atten] = [P_{Fund}] - [P_{Em}]

Margin = [Atten] - Limit

Band Edge: Upper Band Edge



Date: 22.MAR.2024 12:32:54

Channel: 1

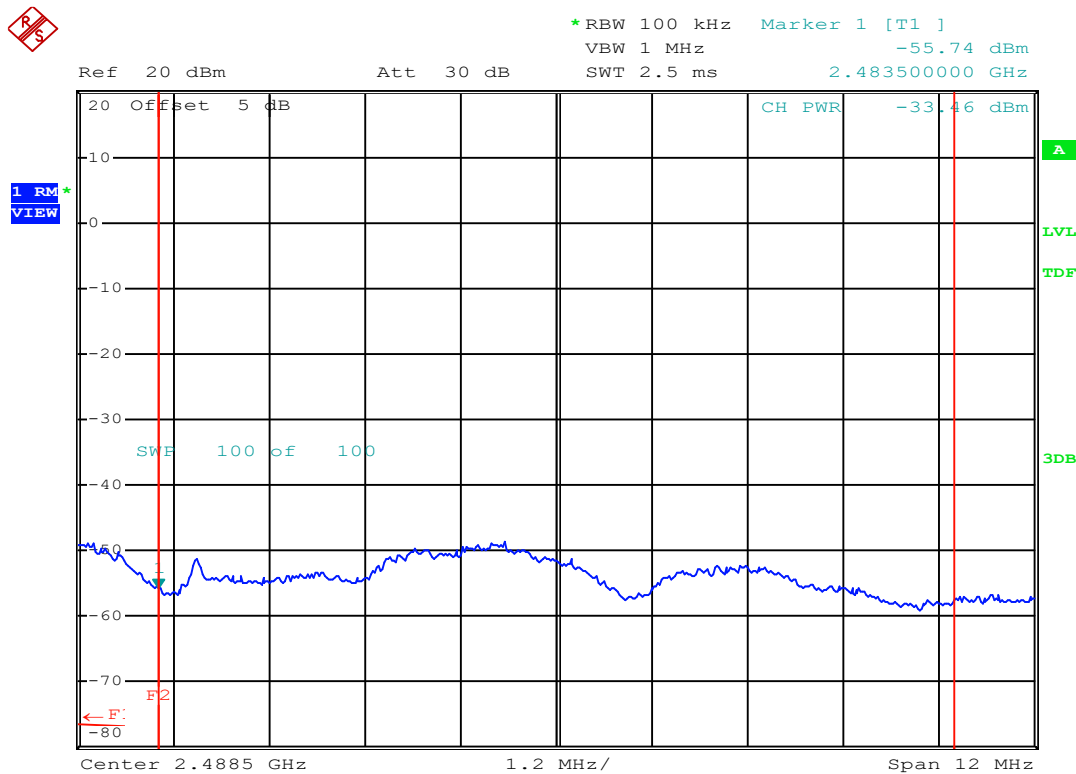
Mode:	802.11b
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Channel Frequency: 2462 MHz

Modulation: CCK2

Emission Power: **-22.49** dBm

Band Edge: Upper Band Edge



Date: 22.MAR.2024 12:34:30

Channel: 11

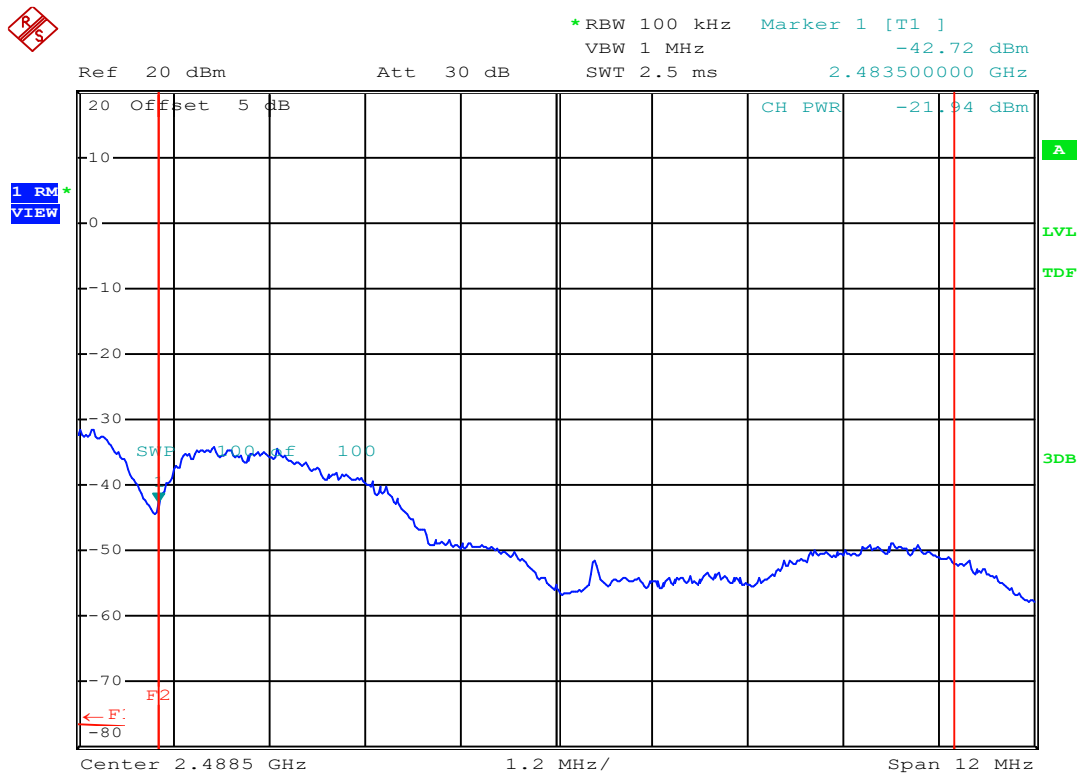
Mode: 802.11b

Channel Frequency: 2462 MHz

Modulation: CCK2

Emission Power: **-33.46** dBm

Band Edge: Upper Band Edge



Date: 22.MAR.2024 12:35:11

Channel: 12

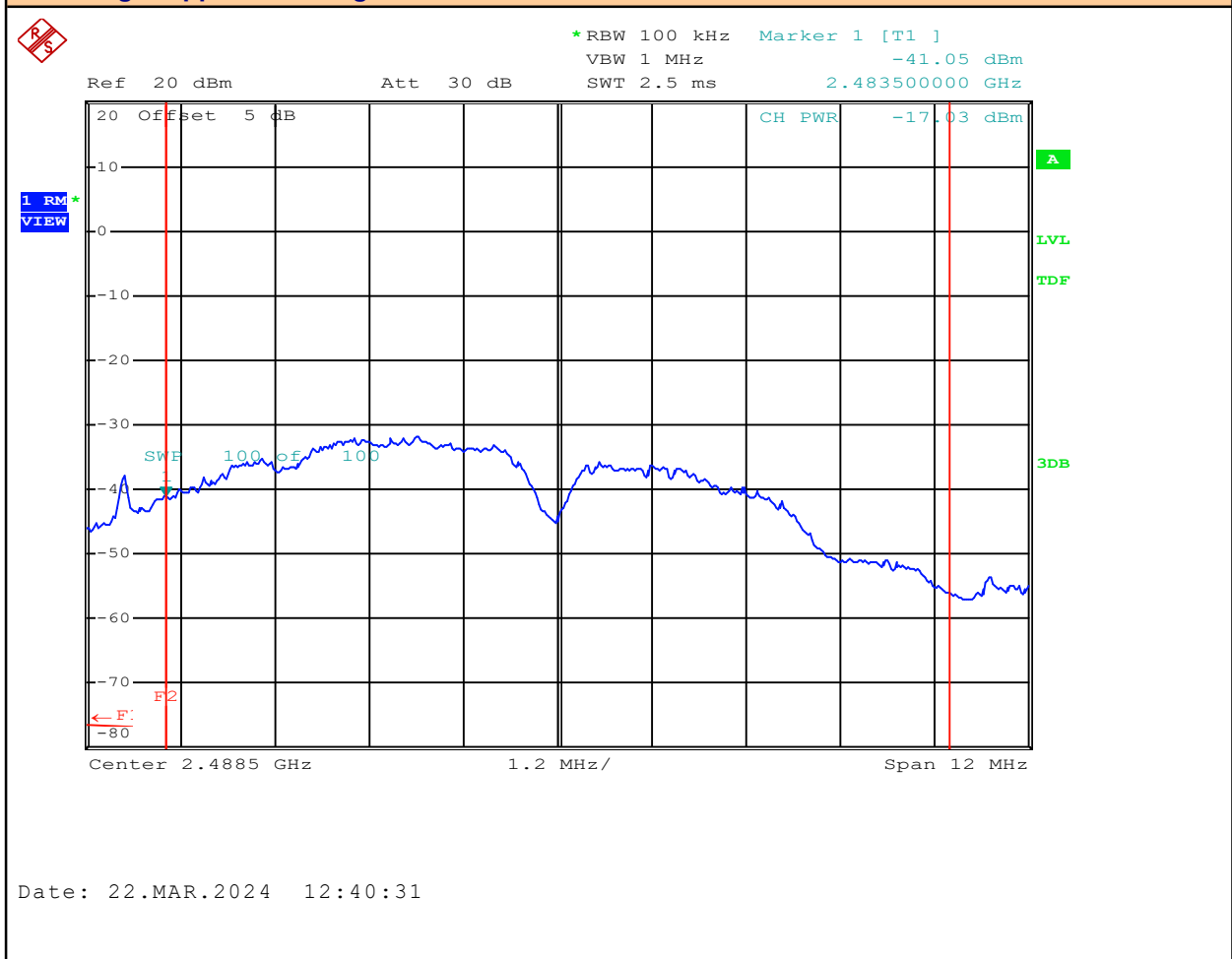
Mode: 802.11b

Channel Frequency: **2467** MHz

Modulation: CCK2

Emission Power: **-21.94** dBm

Band Edge: Upper Band Edge



Channel: 13

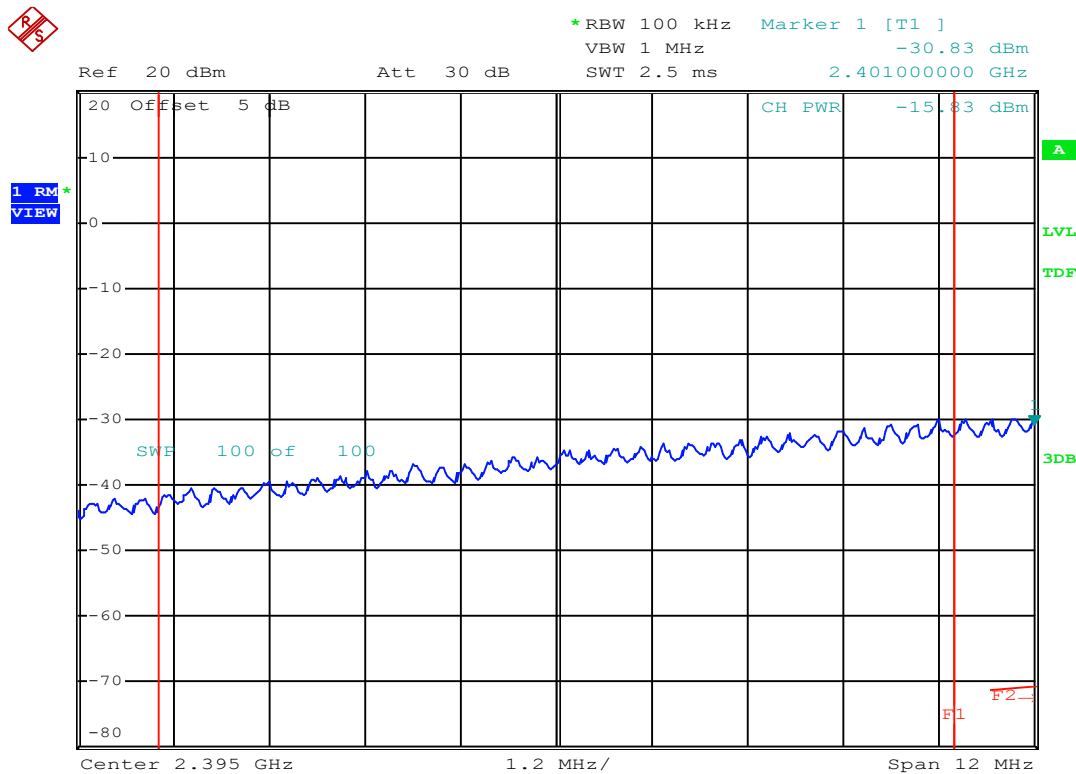
Mode:	802.11b
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Channel Frequency: 2472 MHz

Modulation:	CCK2
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Emission Power: -17.03 dBm

Band Edge: Lower Band Edge



Date: 25.MAR.2024 14:09:56

Channel: 1

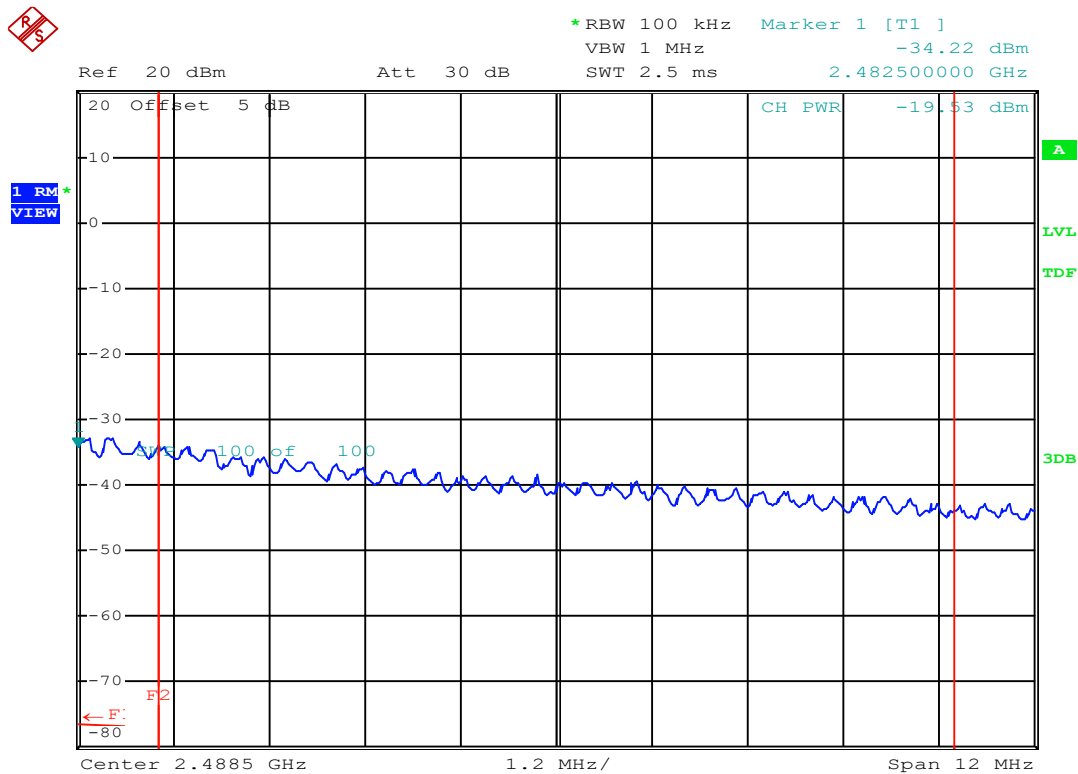
Mode: 802.11g

Channel Frequency: 2412 MHz

Modulation: OFDM 12

Emission Power: **-15.83** dBm

Band Edge: Upper Band Edge



Date: 25.MAR.2024 14:11:14

Channel: 11

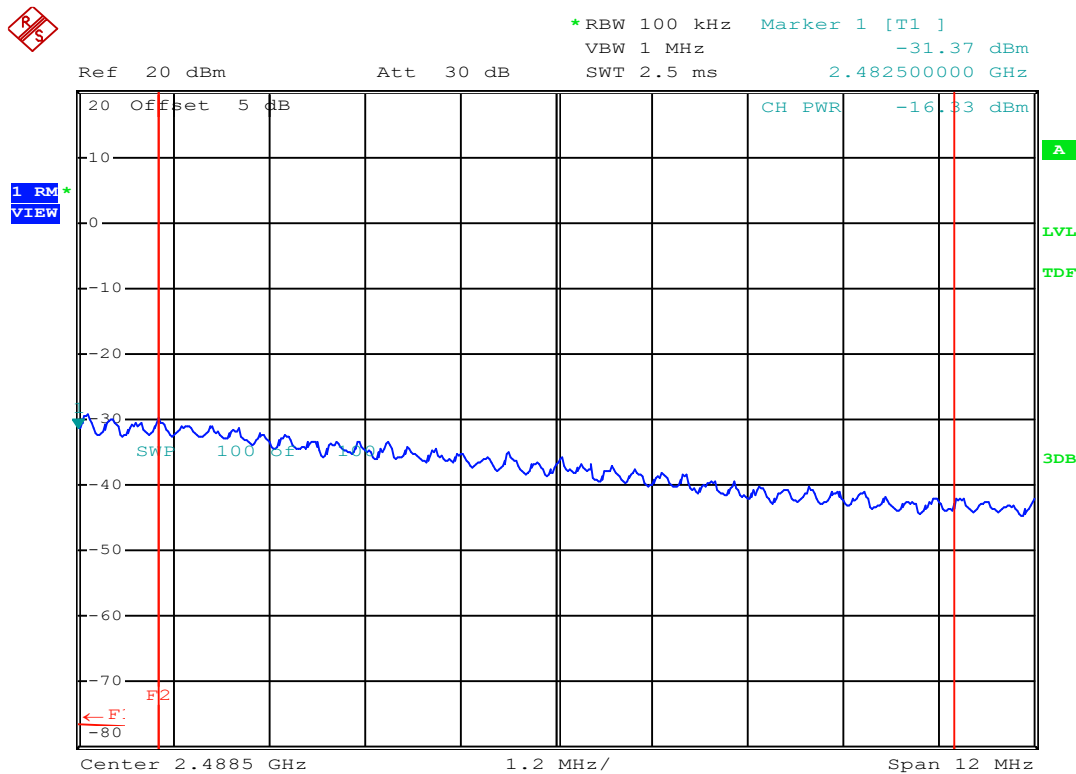
Mode: 802.11g

Channel Frequency: 2462 MHz

Modulation: OFDM 12

Emission Power: **-19.53** dBm

Band Edge: Upper Band Edge



Date: 25.MAR.2024 14:55:58

Channel: 12

Mode: 802.11g

Channel Frequency: 2467 MHz

Modulation: OFDM 12

Emission Power: **-16.33** dBm

Ref 20 dBm

Att 30 dB

SWT 2.5 ms

2.482500000 GHz



Channel:	13
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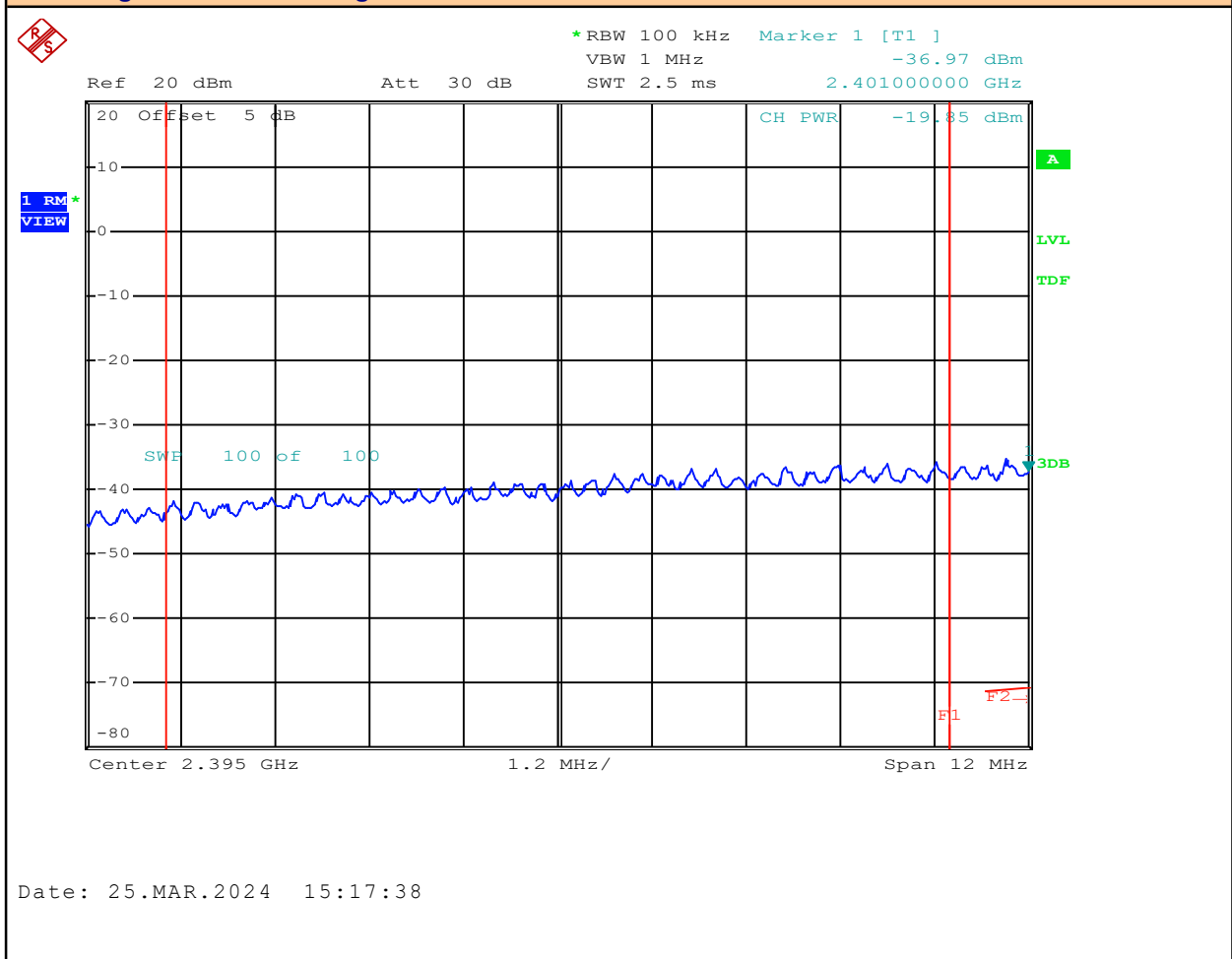
Mode: 802.11g

Channel Frequency:	2472	MHz
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Modulation:	OFDM 12
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Emission Power: **-18.07** dBm

Band Edge: Lower Band Edge



Channel: 1

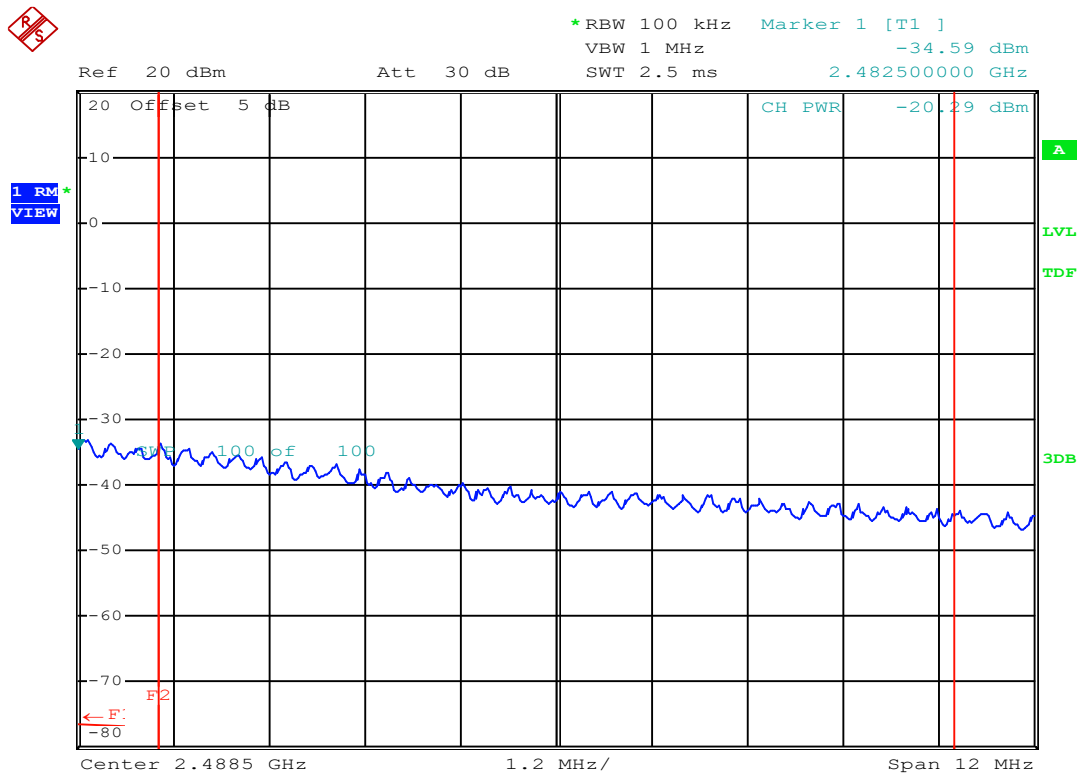
Mode:	802.11n
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Channel Frequency: 2412 MHz

Modulation: MCS0

Emission Power: **-19.85** dBm

Band Edge: Upper Band Edge



Date: 25.MAR.2024 15:19:02

Channel: 11

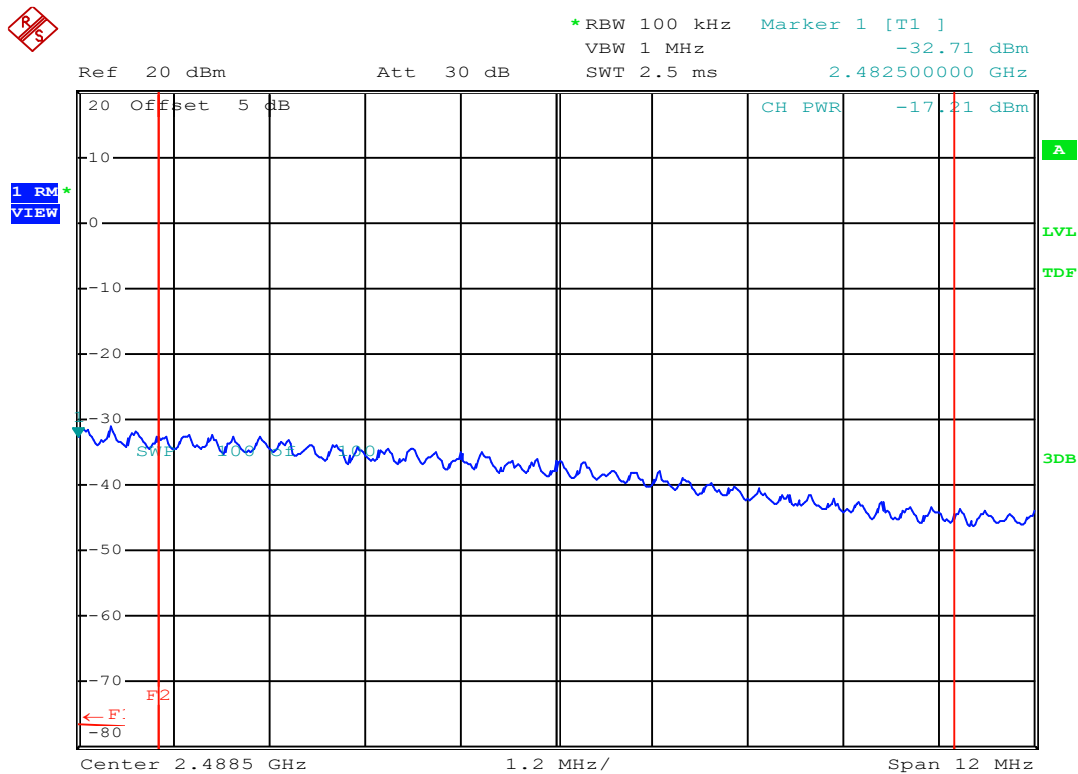
Mode: 802.11n

Channel Frequency: 2462 MHz

Modulation: MCS0

Emission Power: -20.29 dBm

Band Edge: Upper Band Edge



Date: 25.MAR.2024 15:21:38

Channel: 12

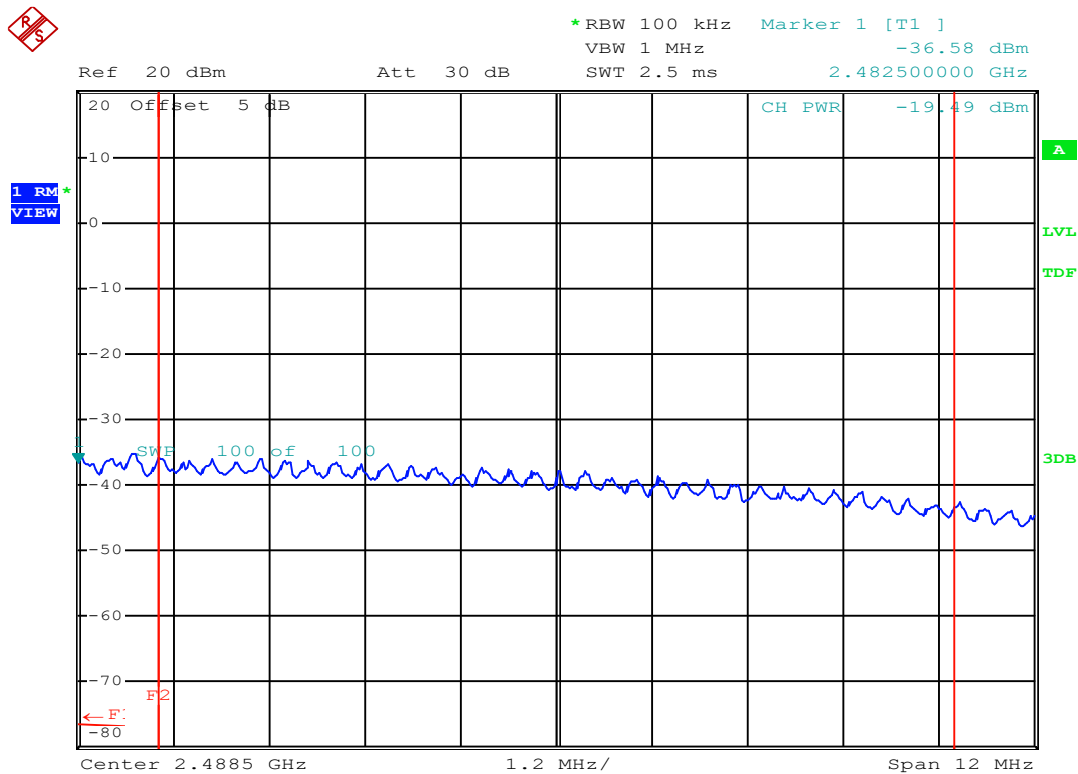
Mode: 802.11n

Channel Frequency: 2467 MHz

Modulation: MCS0

Emission Power: -17.21 dBm

Band Edge: Upper Band Edge



Date: 25.MAR.2024 15:23:57

Channel: 13

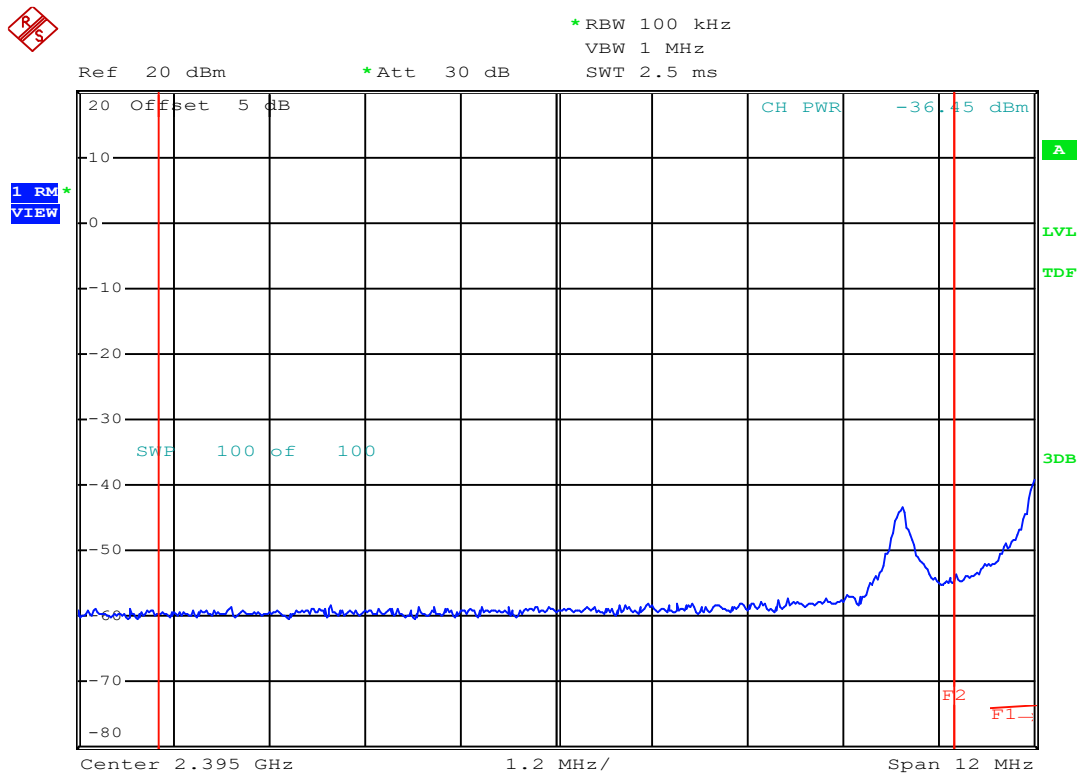
Mode: 802.11n

Channel Frequency: **2472** MHz

Modulation: MCS0

Emission Power: **-19.49** dBm

Band Edge: Lower Band Edge



Date: 4.APR.2024 17:43:37

Channel: 0

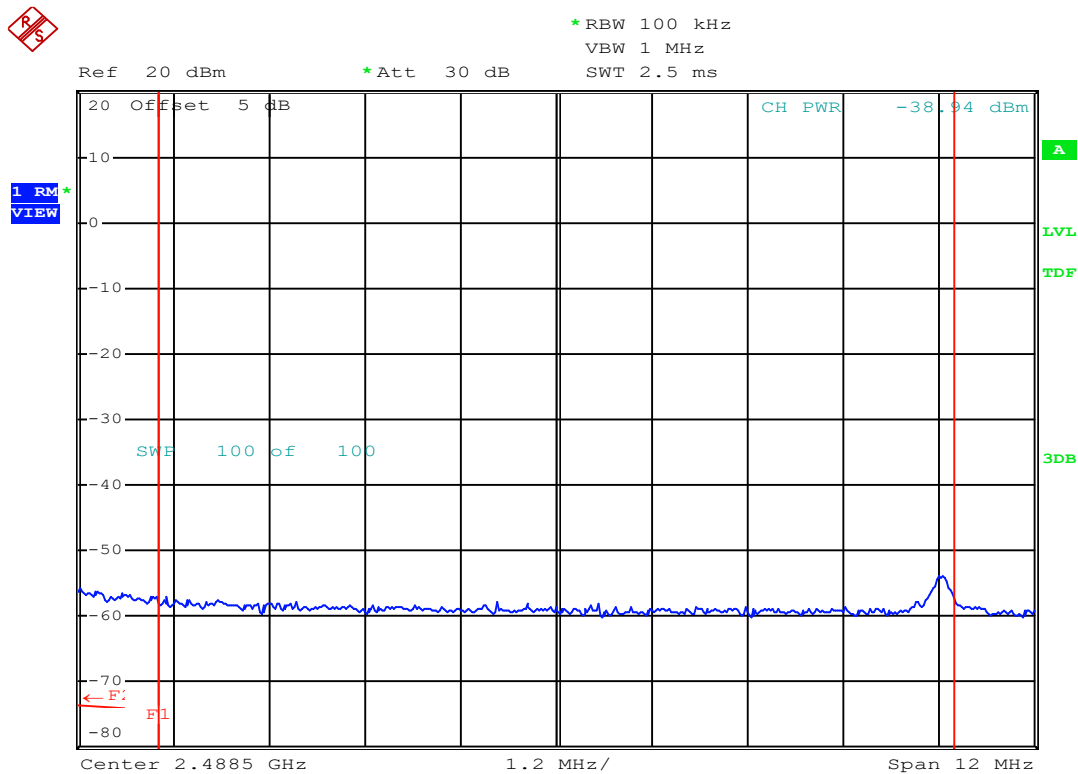
Mode: BT BR

Channel Frequency: 2402 MHz

Modulation: **GFSK**

Emission Power: **-36.45** dBm

Band Edge: Upper Band Edge



Date: 4.APR.2024 21:03:19

Channel: 78

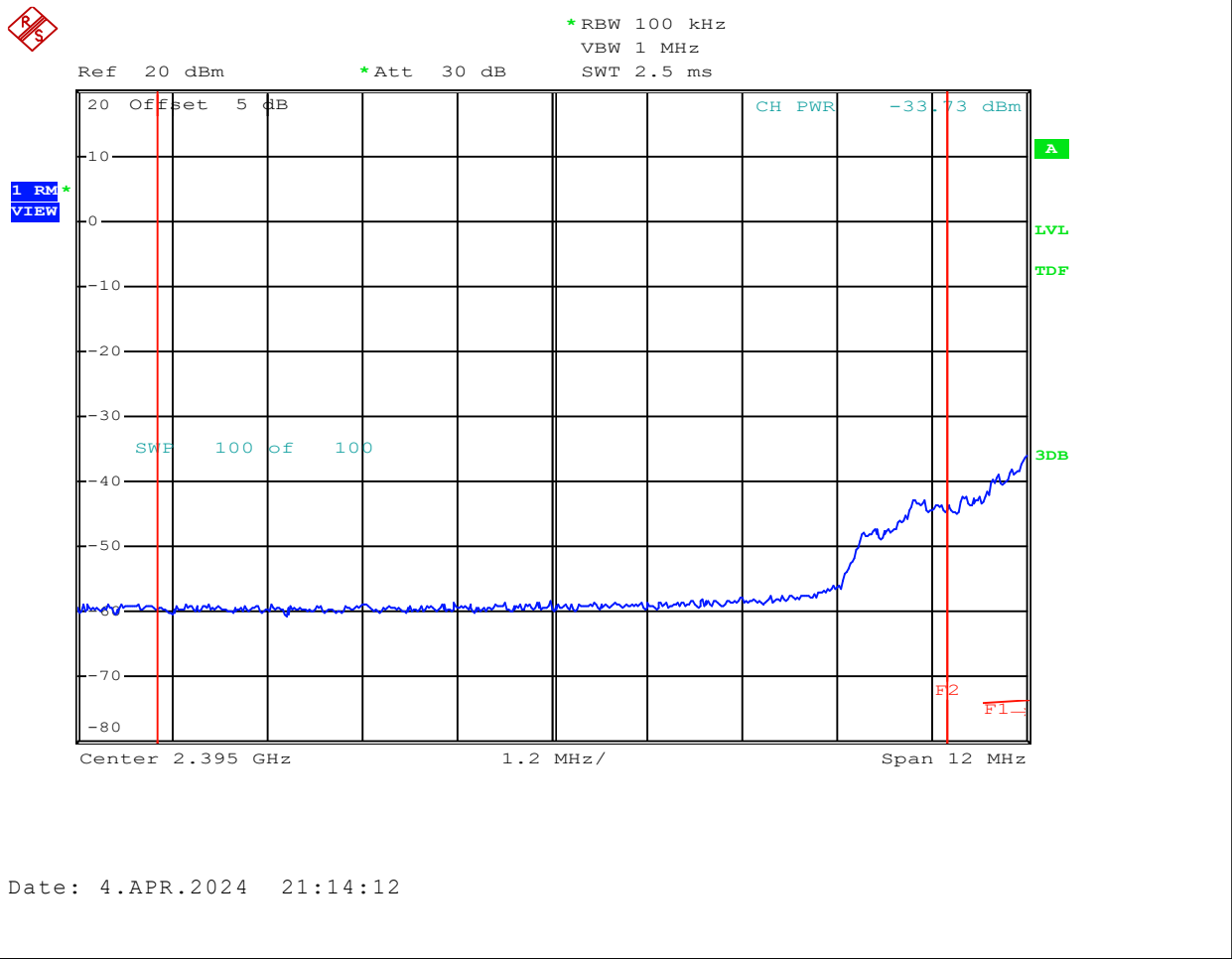
Mode: BT BR

Channel Frequency: 2480 MHz

Modulation: **GFSK**

Emission Power: **-38.94** dBm

Band Edge: Lower Band Edge



Date: 4.APR.2024 21:14:12

0

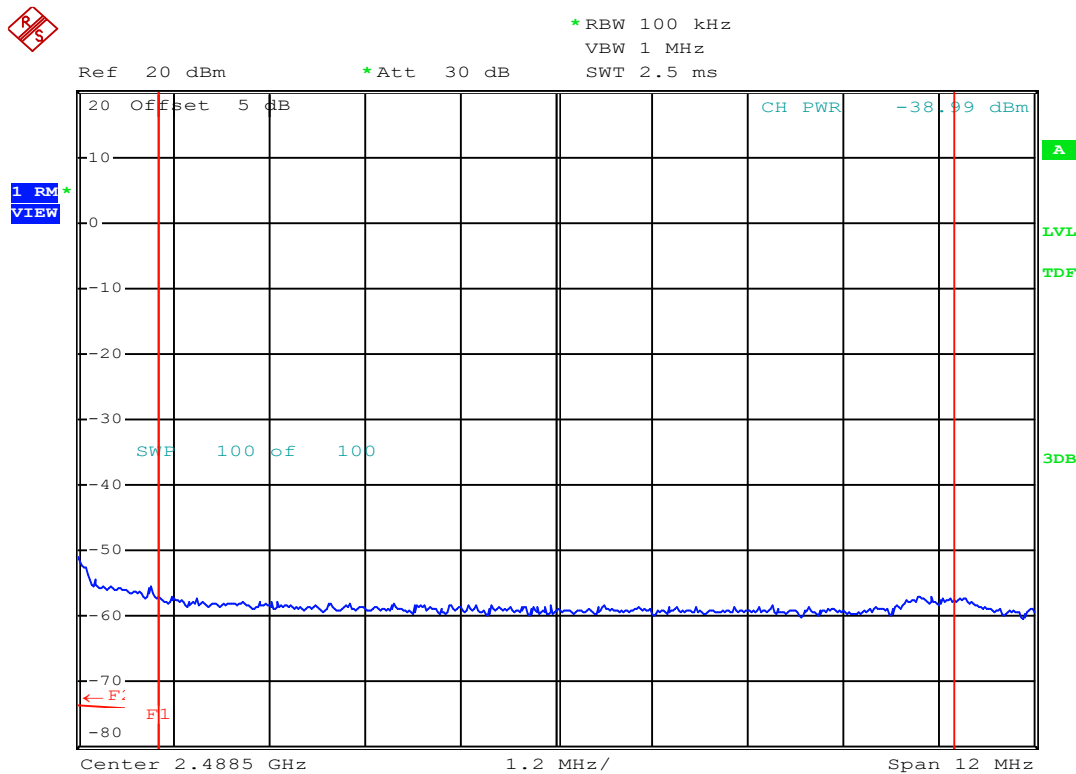
BT 2EDR

2402

Pi/4-DQPSK

-33.73

Band Edge: Upper Band Edge



Date: 4.APR.2024 21:10:11

Channel: 78

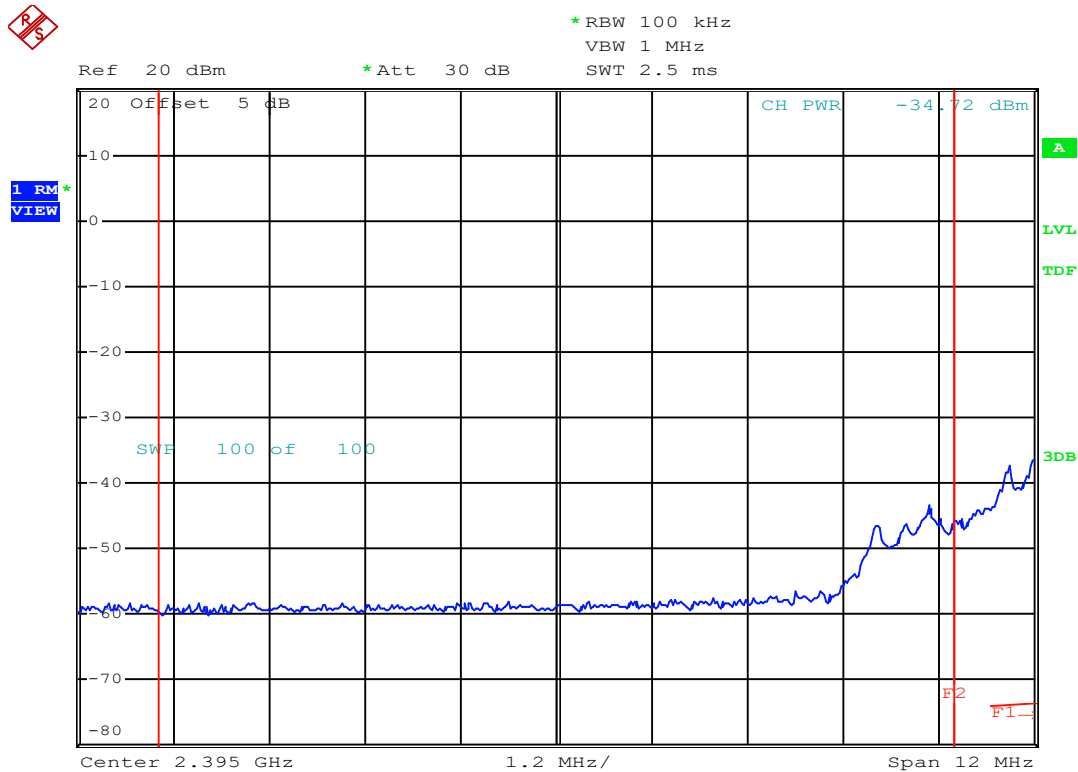
Mode: BT 2EDR

Channel Frequency: 2480 MHz

Modulation: **Pi/4-DQPSK**

Emission Power: **-38.99** dBm

Band Edge: Lower Band Edge



Date: 4.APR.2024 21:21:50

Channel: 2

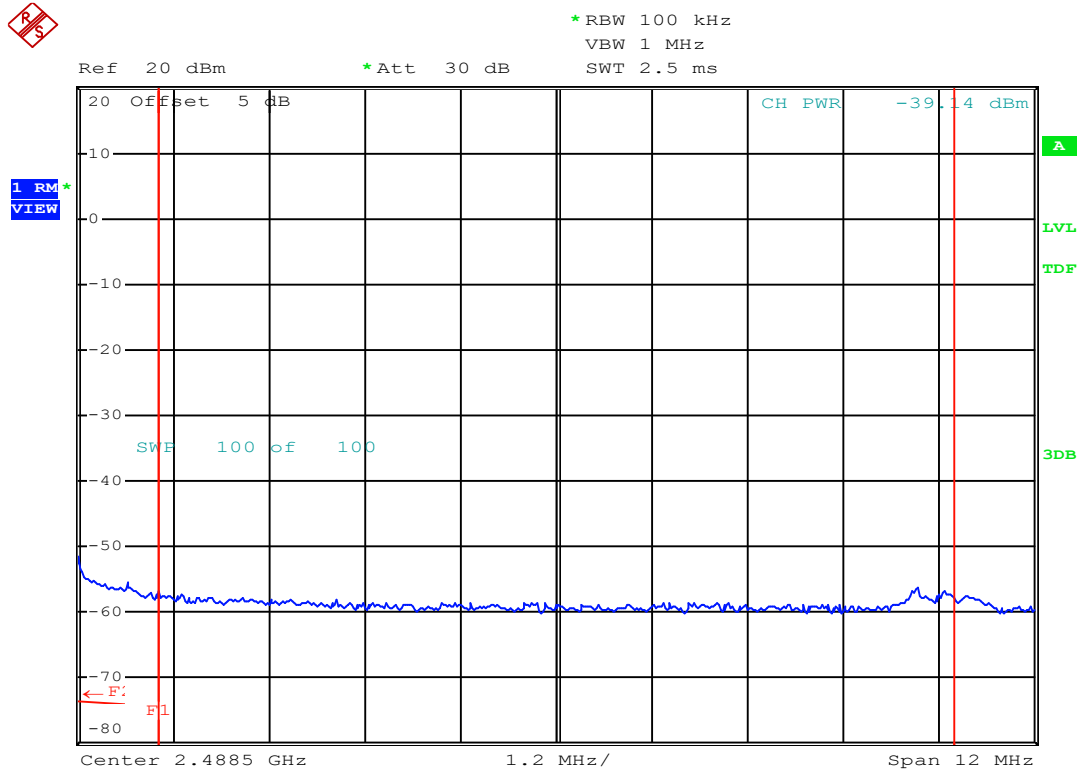
Mode: BT 3EDR

Channel Frequency: 2404 MHz

Modulation: 8-DPSK

Emission Power: **-34.72** dBm

Band Edge: Upper Band Edge



Date: 4.APR.2024 21:18:53

Channel: 78

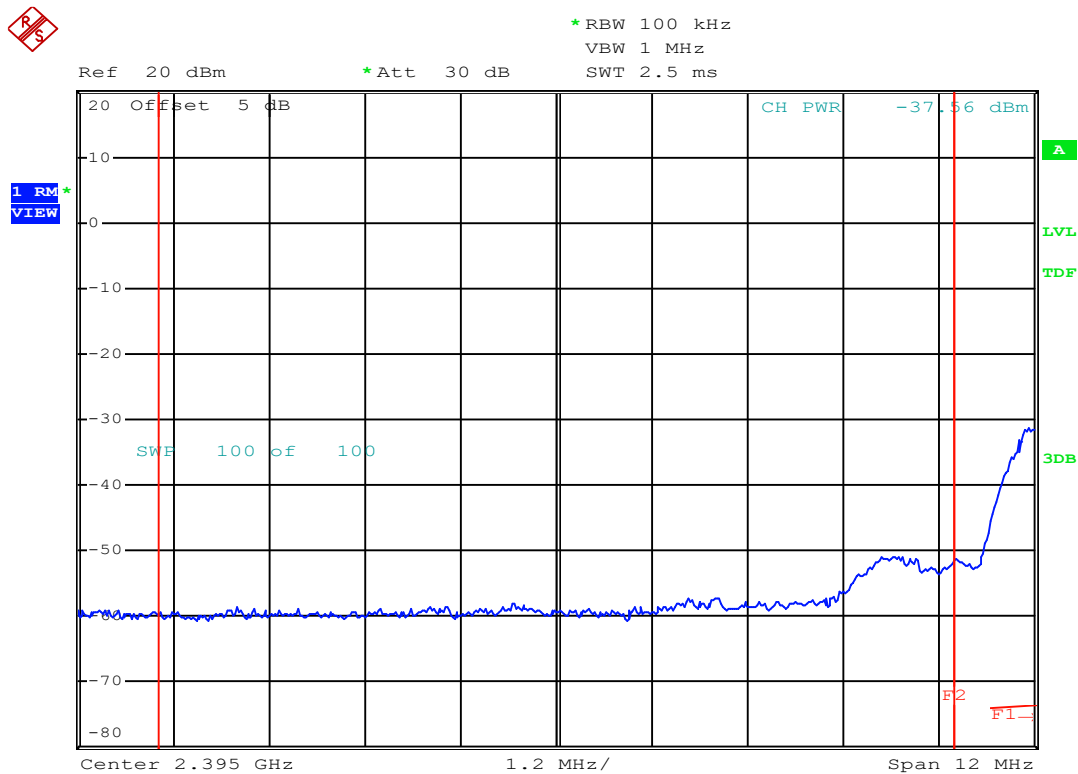
Mode: BT 3EDR

Channel Frequency: **2480** MHz

Modulation:	8-DPSK
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Emission Power: -39.14 dBm

Band Edge: Lower Band Edge



Date: 4.APR.2024 17:37:51

Channel: 37

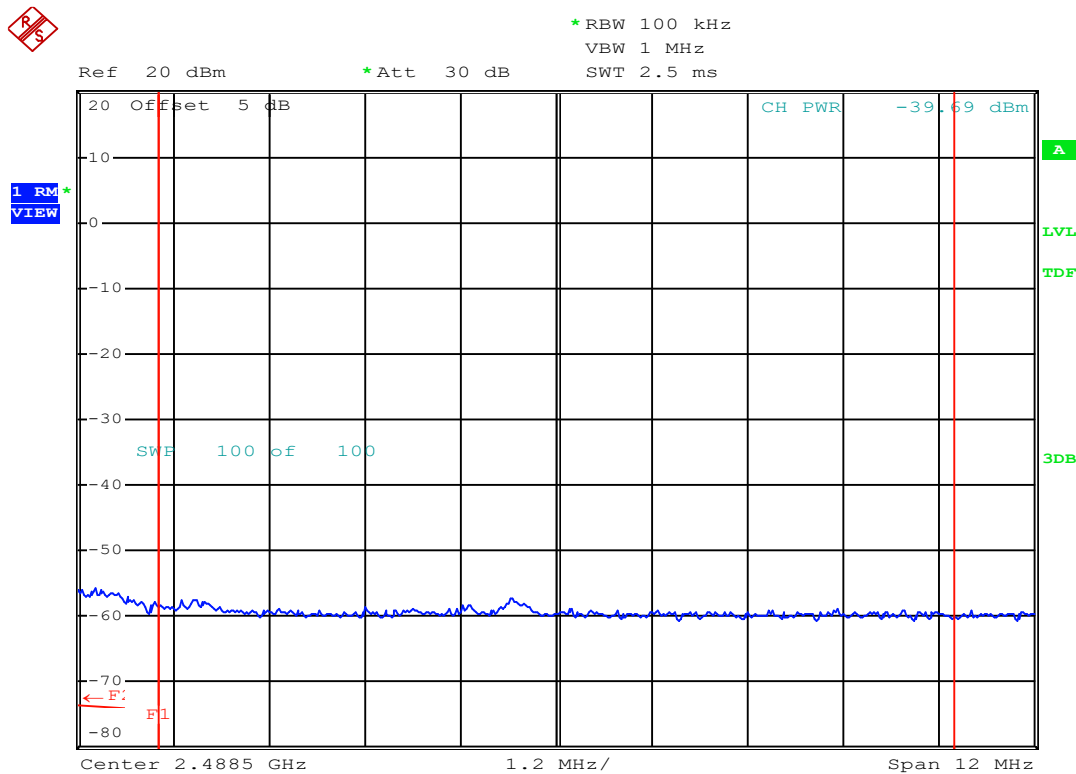
Mode: BLE 1mb

Channel Frequency: 2402 MHz

Modulation: **GMSK**

Emission Power: **-37.56** dBm

Band Edge: Upper Band Edge



Date: 4.APR.2024 20:58:50

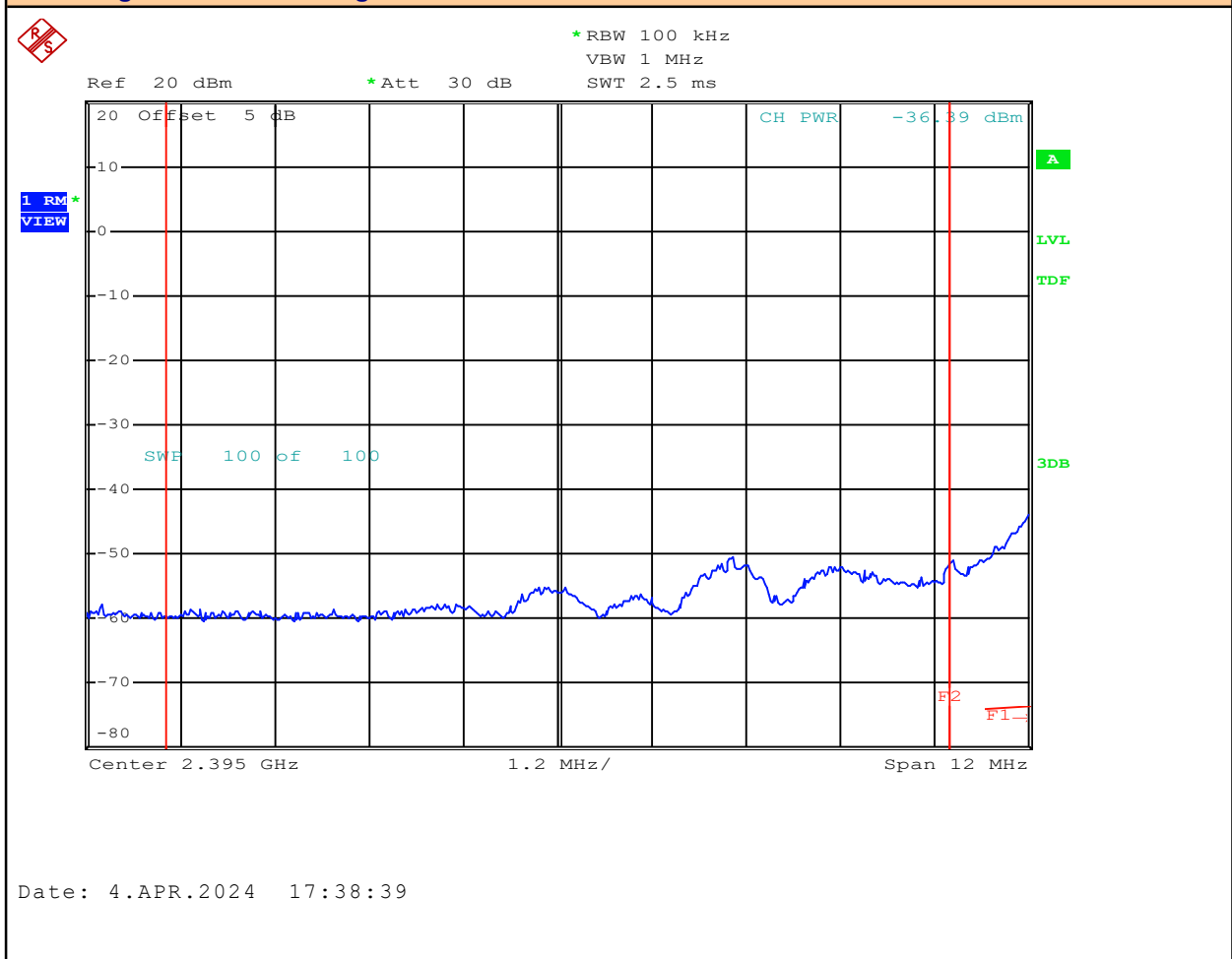
Channel: 39

Mode: BLE 1mb

Channel Frequency: 2480 MHz

Modulation: **GMSK**Emission Power: **-39.69** dBm

Band Edge: Lower Band Edge



Channel: 0

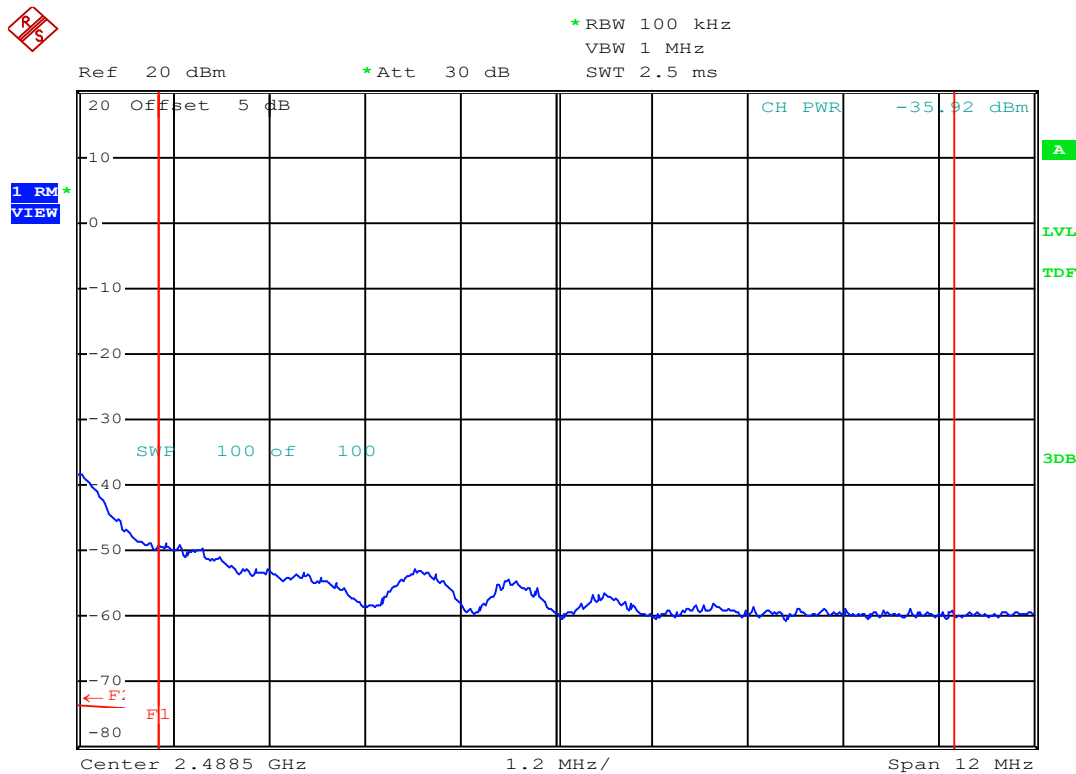
Mode: BLE 2mb

Channel Frequency: 2404 MHz

Modulation: **GMSK**

Emission Power: **-36.39** dBm

Band Edge: Upper Band Edge



Date: 4.APR.2024 20:59:48

Channel: 39

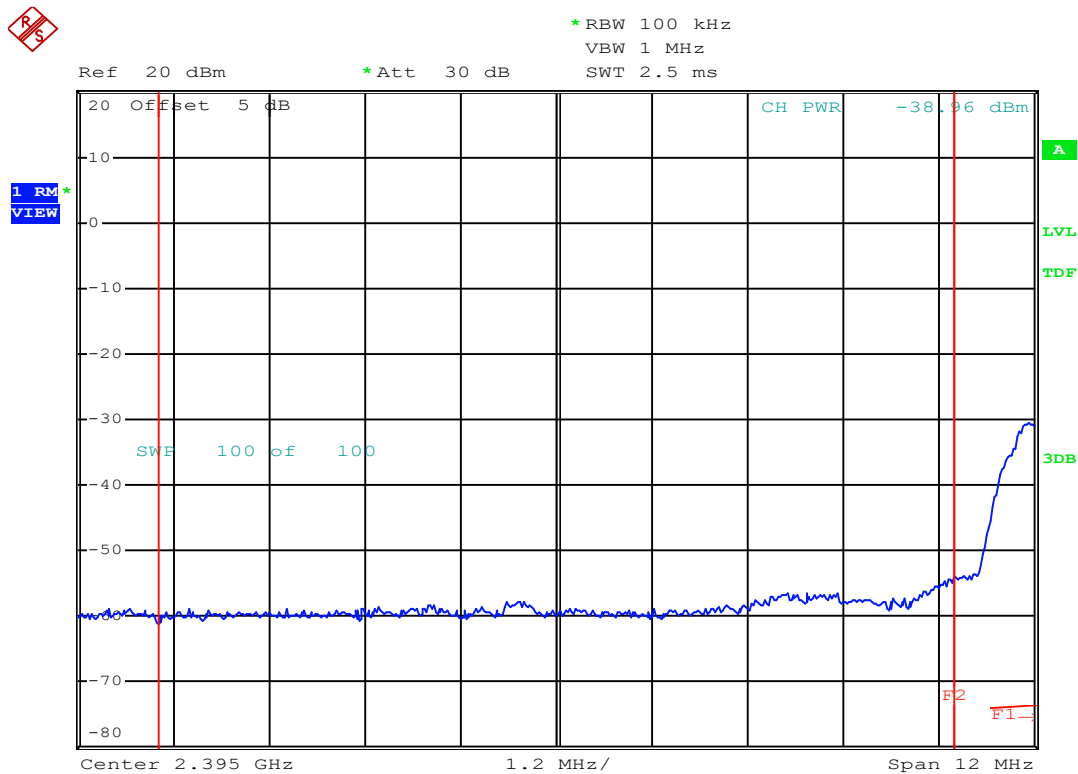
Mode: BLE 2mb

Channel Frequency: 2480 MHz

Modulation: **GMSK**

Emission Power: **-35.92** dBm

Band Edge: Lower Band Edge



Date: 4.APR.2024 17:42:20

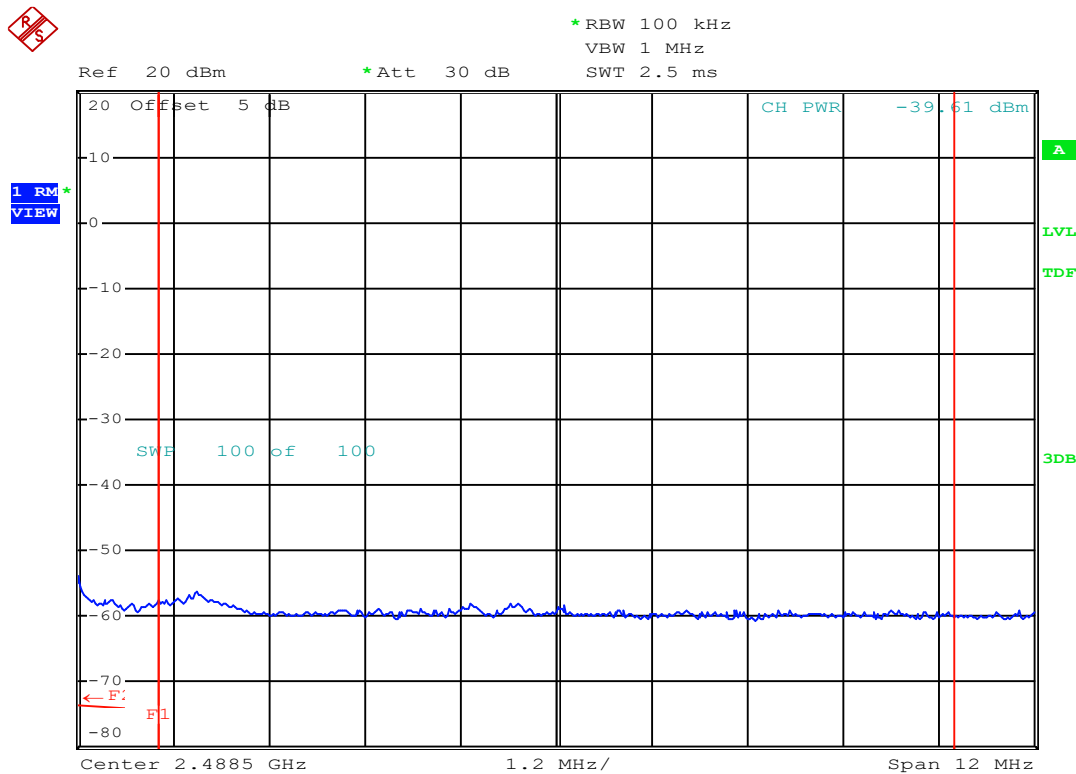
Channel: 0

Mode: ANT

Channel Frequency: 2402 MHz

Modulation: **GFSK**Emission Power: **-38.96** dBm

Band Edge: Upper Band Edge



Date: 4.APR.2024 17:41:27

Channel: 78

Mode: ANT

Channel Frequency: 2480 MHz

Modulation: **GFSK**

Emission Power: -39.61 dBm

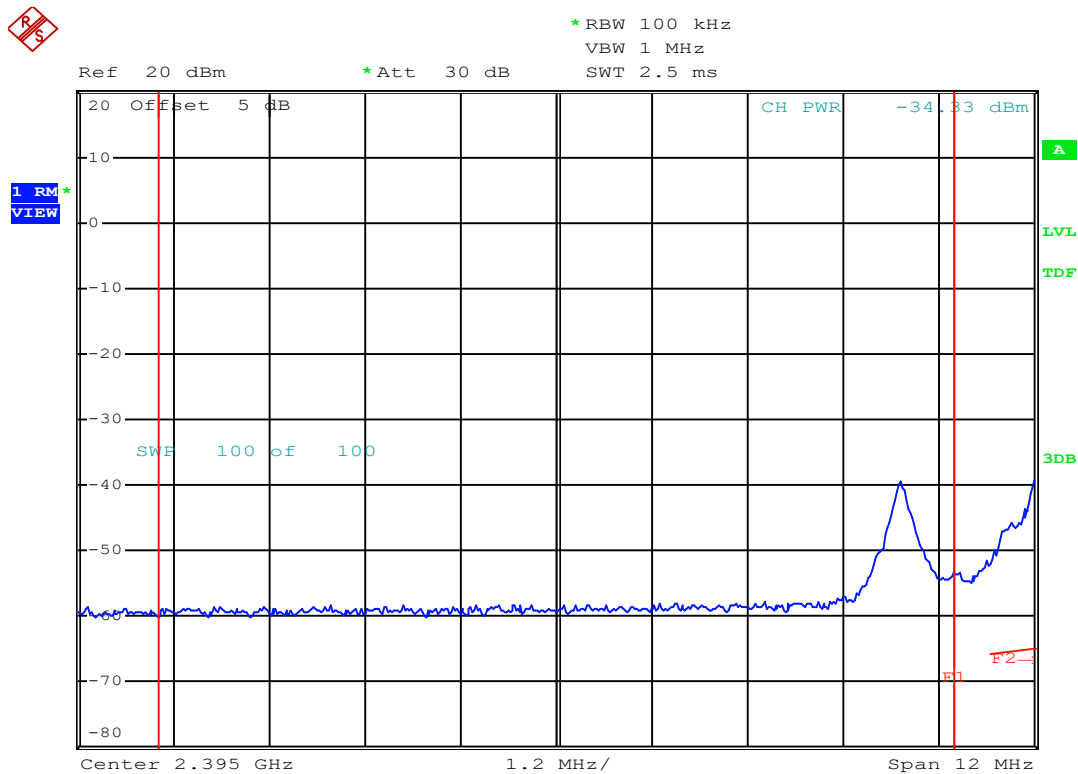
Band Edge Measurement Results: 802.15

Mode	Channel	Frequency	Modulation	Emission	Fundamental	Attenuation	Limit	Margin	Antenna	Emission	Fundamental	EIRP		EIRP
	Number			[P _{Em}]	[P _{Fund}]	[Atten]				[E _{Em}]	[E _{Fund}]	Attenuation		Limit
		(MHz)		(dBm)	(dBm)	(dB)	(dB)	(dB)	(dBi)	(dBm)	(dBm)	(dB)	(dB)	(dB)
BT BR	0	2402.00	GFSK	-34.33	10.00	44.33	30	14.3	-3.8	-38.13	6.20	44.33	30	14.3
	78	2480.00		-39.60		39.60		9.6		-43.40	-3.80	39.60		9.6
BT 2EDR	0	2402.00	Pi/4-DQPSK	-32.95	9.30	42.25		12.3		-36.75	5.50	42.25		12.3
	78	2480.00		-39.57		39.57		9.6		-43.37	-3.80	39.57		9.6
BT 3EDR	2	2404.00	8-DPSK	-38.41	9.17	47.58		17.6		-42.21	5.37	47.58		17.6
	78	2480.00		-39.63		39.63		9.6		-43.43	-3.80	39.63		9.6
Result:													Complies	

Attenuation [Atten] = [P_{Fund}] - [P_{Em}]

Margin = [Atten] - Limit

Band Edge: Lower Band Edge



Date: 21.MAR.2024 13:27:45

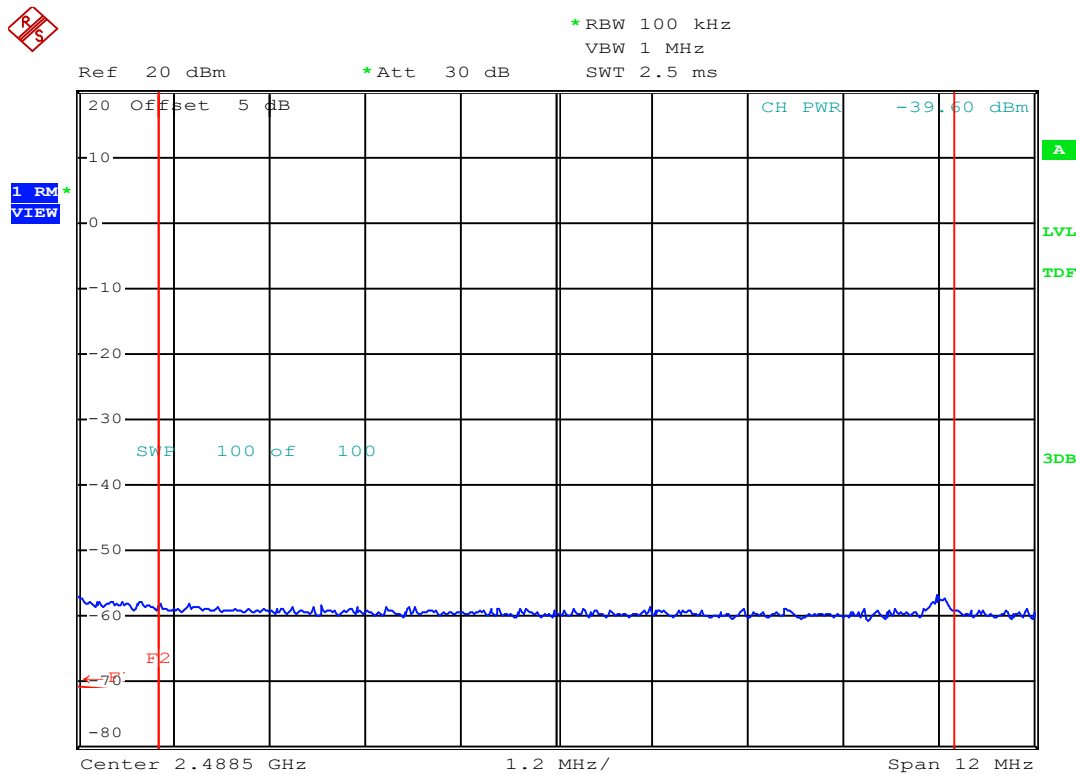
Channel: 0

Mode: BT BR

Channel Frequency: 2402 MHz

Modulation: **GFSK**Emission Power: **-34.33** dBm

Band Edge: Upper Band Edge



Date: 21.MAR.2024 13:36:39

Channel: 78

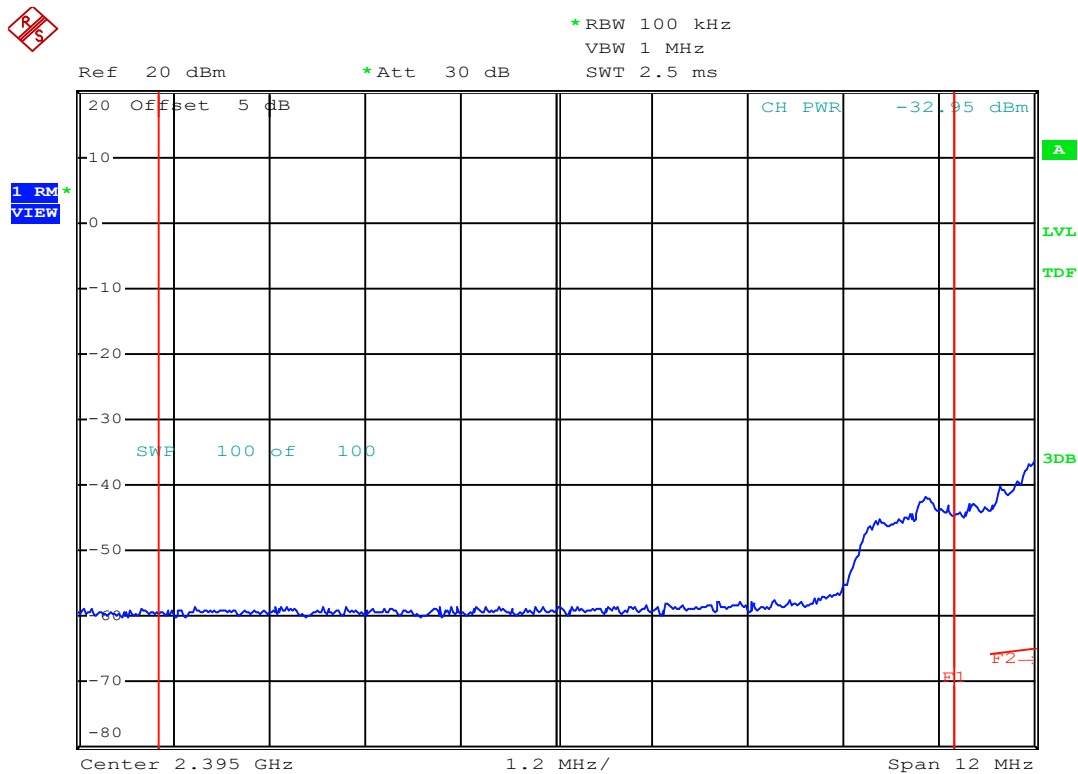
Mode: BT BR

Channel Frequency: 2480 MHz

Modulation: GFSK

Emission Power: -39.6 dBm

Band Edge: Lower Band Edge



Date: 21.MAR.2024 13:42:29

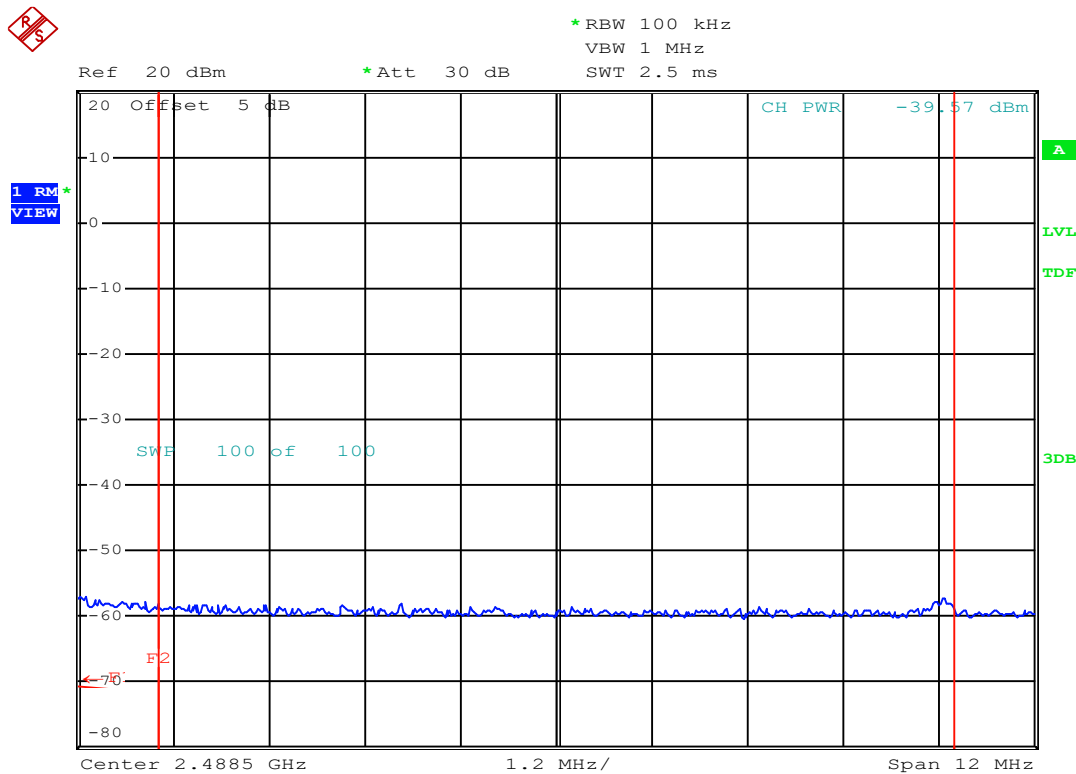
Channel: 0

Mode: BT 2EDR

Channel Frequency: 2402 MHz

Modulation: **Pi/4-DQPSK**Emission Power: **-32.95** dBm

Band Edge: Upper Band Edge



Date: 21.MAR.2024 13:37:36

Channel: 78

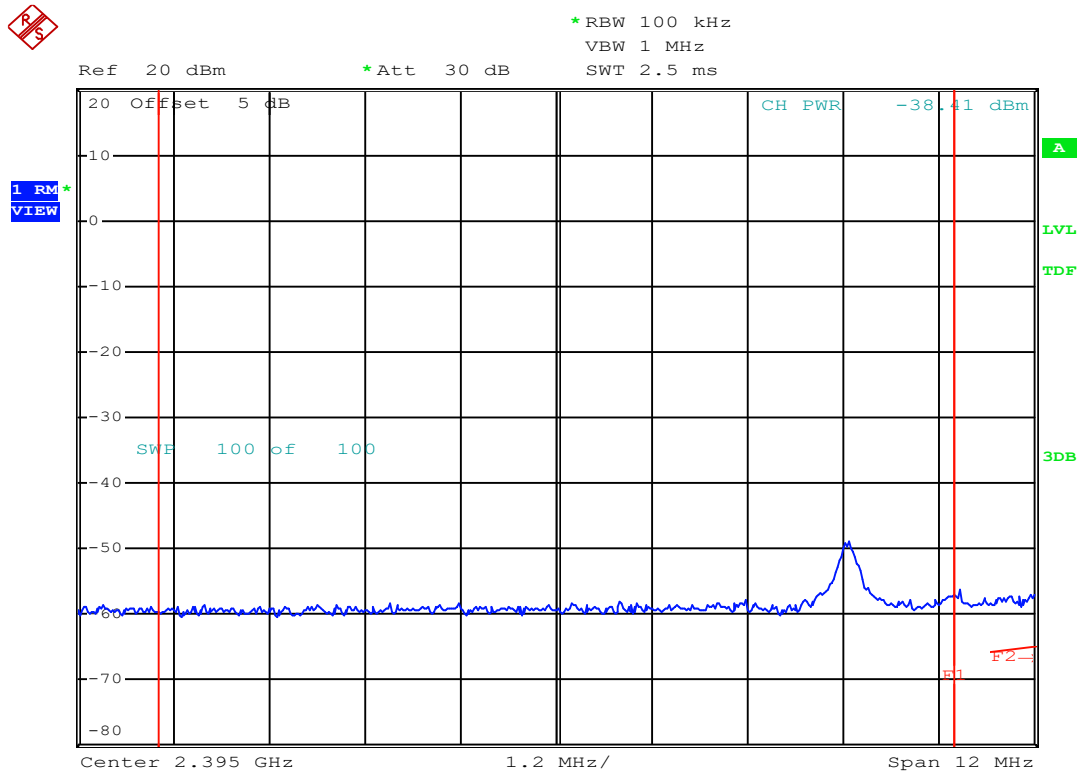
Mode: BT 2EDR

Channel Frequency: 2480 MHz

Modulation: **Pi/4-DQPSK**

Emission Power: **-39.57** dBm

Band Edge: Lower Band Edge



Date: 21.MAR.2024 13:47:08

2

BT 3EDR

2404

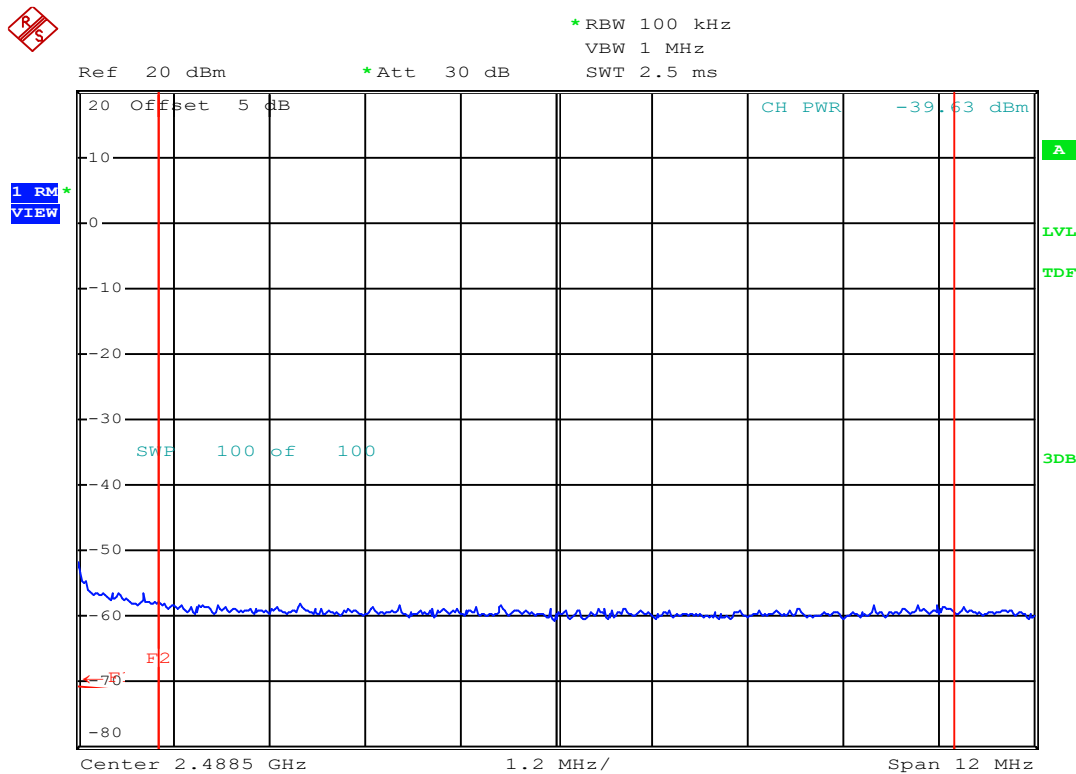
MHz

8-DPSK

-38.41

dBm

Band Edge: Upper Band Edge



Date: 21.MAR.2024 13:53:14

Channel: 78

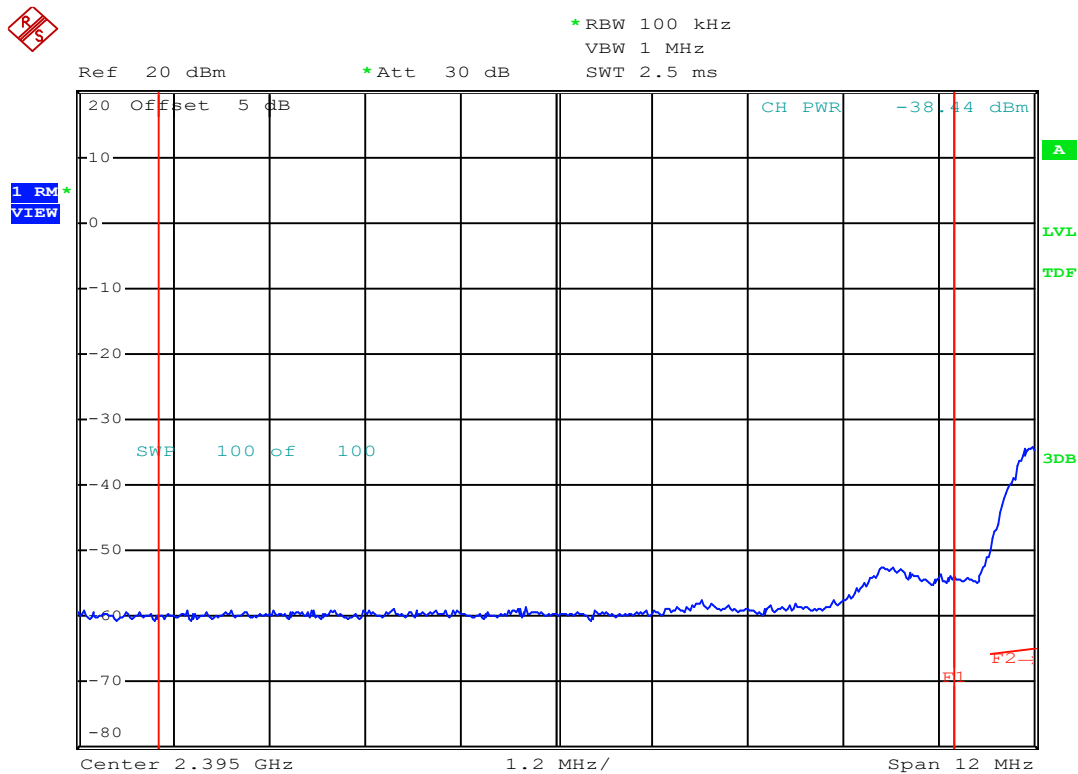
Mode: BT 3EDR

Channel Frequency: MHz

Modulation: 8-DPSK

Emission Power: **-39.63** dBm

Band Edge: Lower Band Edge



Date: 21.MAR.2024 13:20:18

Channel: 37

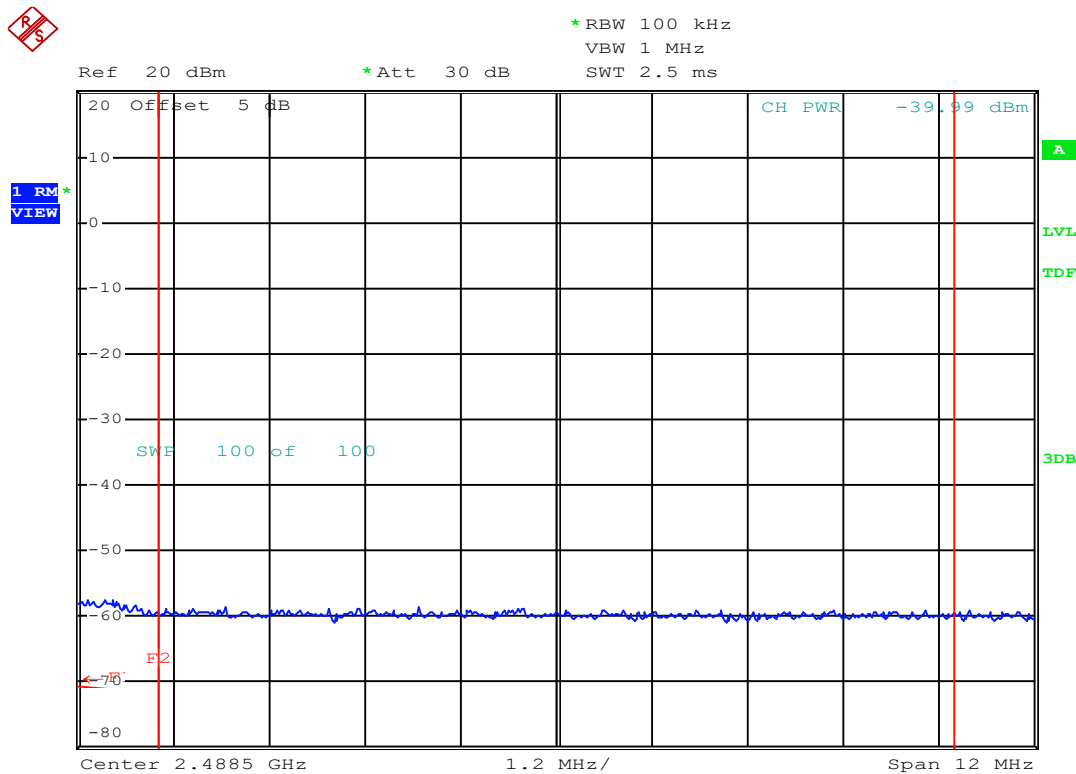
Mode: BLE 1mb

Channel Frequency: 2402 MHz

Modulation: **GMSK**

Emission Power: **-38.44** dBm

Band Edge: Upper Band Edge



Date: 21.MAR.2024 13:30:40

Channel: 39

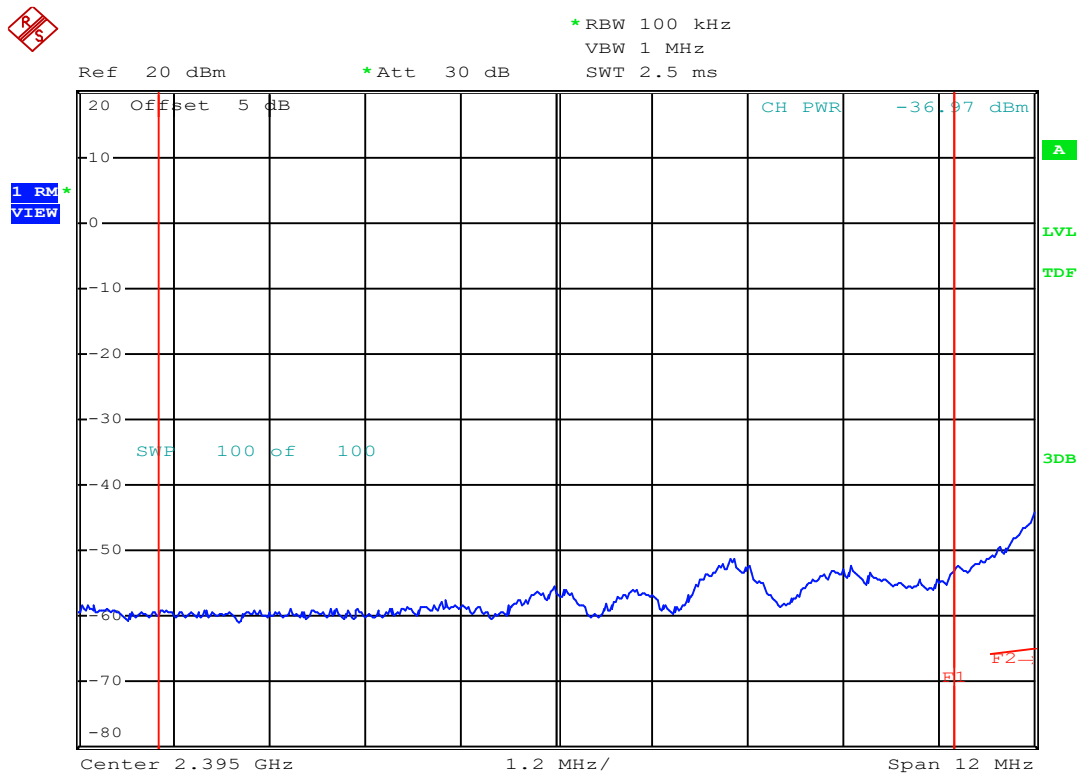
Mode: BLE 1mb

Channel Frequency: 2480 MHz

Modulation: **GMSK**

Emission Power: **-39.99** dBm

Band Edge: Lower Band Edge



Date: 21.MAR.2024 13:21:22

Channel: 0

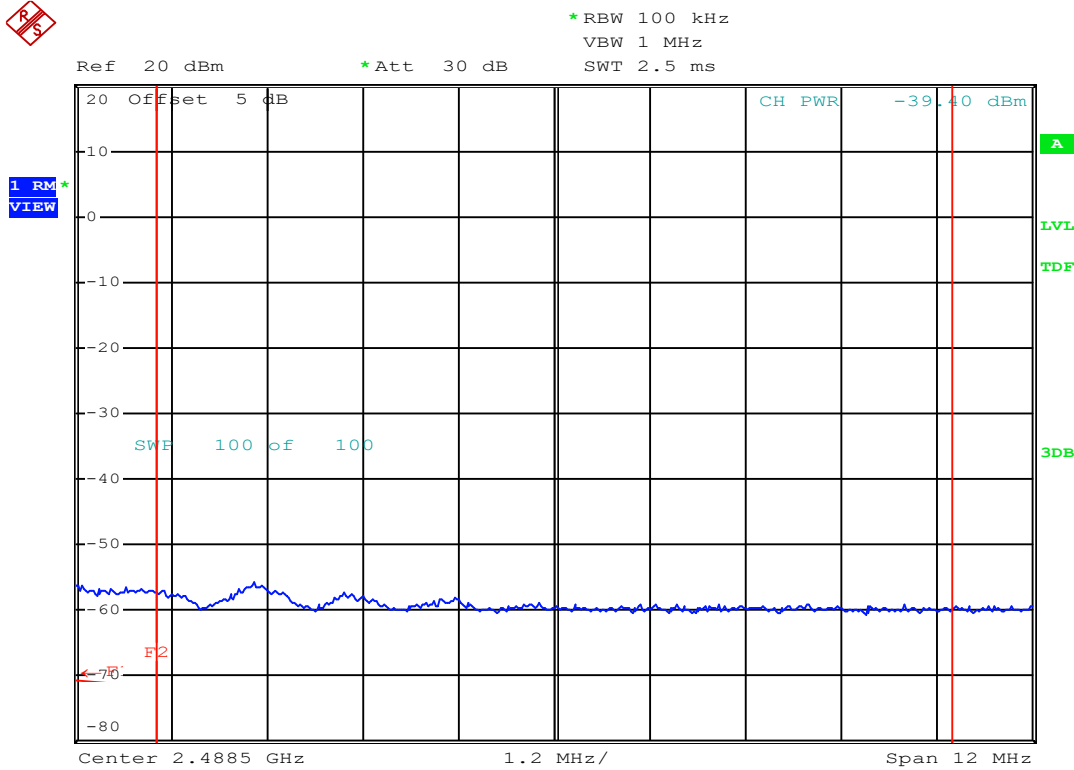
Mode: BLE 2mb

Channel Frequency: 2404 MHz

Modulation: **GMSK**

Emission Power: **-36.97** dBm

Band Edge: Upper Band Edge



Date: 21.MAR.2024 13:23:22

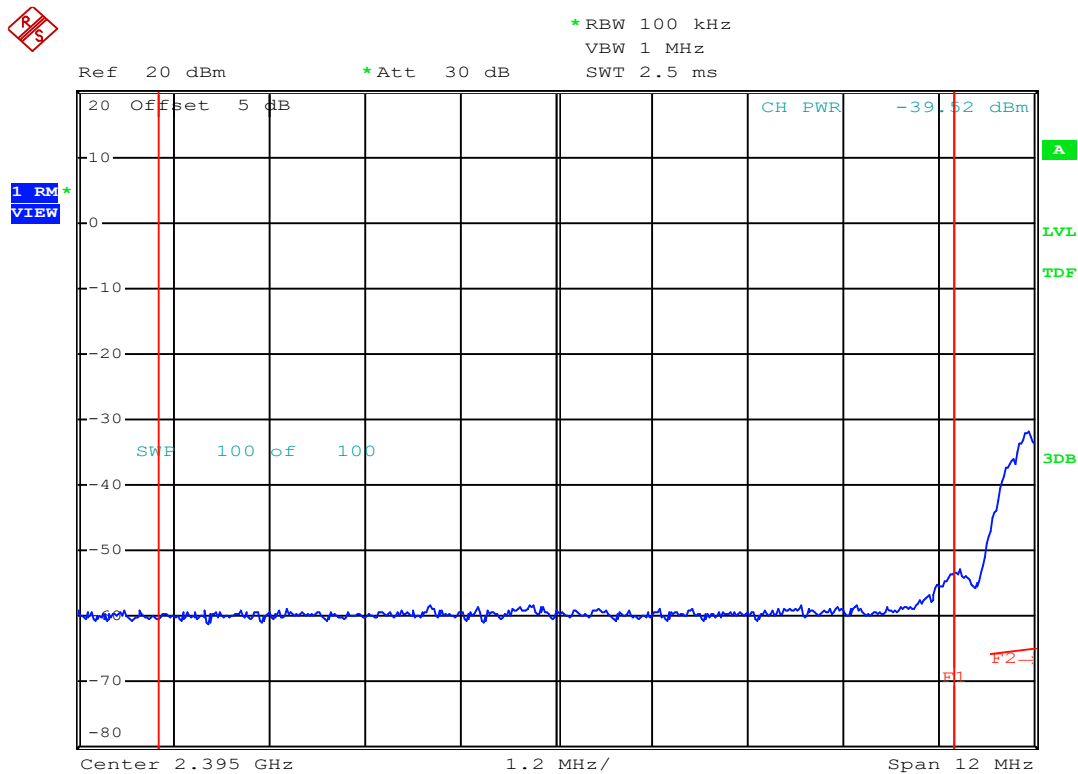
Channel: 39

Mode: BLE 2mb

Channel Frequency: 2480 MHz

Modulation: **GMSK**Emission Power: -39.4 dBm

Band Edge: Lower Band Edge



Date: 21.MAR.2024 13:26:41

Channel: 0

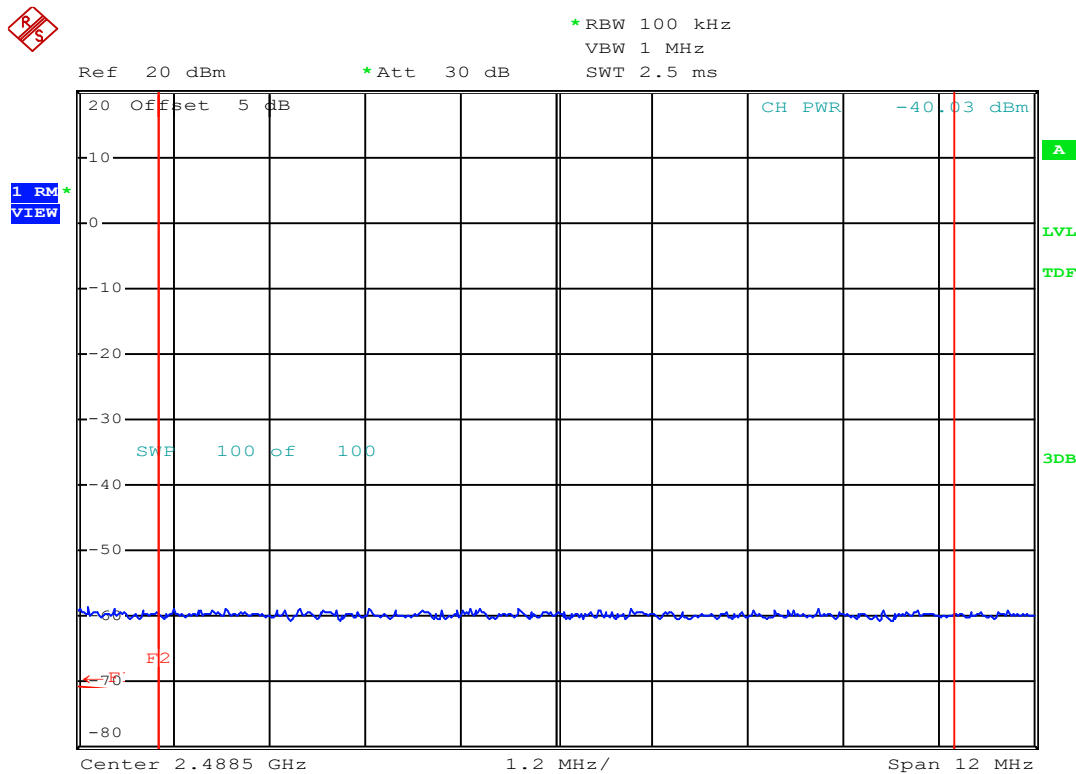
Mode: ANT

Channel Frequency: 2402 MHz

Modulation: **GFSK**

Emission Power: -39.52 dBm

Band Edge: Upper Band Edge



Date: 21.MAR.2024 13:25:05

Channel: 78

Mode: ANT

Channel Frequency: 2480 MHz

Modulation: **GFSK**

Emission Power: **-40.03** dBm