

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)
802.11b	1	2412.00	DSSS 5.5	-20.19	17.31	37.50	30	7.5	-3.9	-24.09	13.41	37.50	30	7.5
802.11g	1	2412.00	OFDM 6	-16.52	17.49	34.01		4.0		-20.42	13.59	34.01		4.0
802.11n	1	2412.00	MCS0	-23.46	15.33	38.79		8.8		-27.36	11.43	38.79		8.8
BLE 1mb	37	2402.00	GMSK	-31.41	1.66	33.07		3.1		-35.31	-2.24	33.07		3.1
BLE 2mb	0	2404.00	GMSK	-31.40	1.80	33.20		3.2		-35.30	-2.10	33.20		3.2
ANT	0	2402.00	GFSK	-31.46	1.74	33.20		3.2		-35.36	-2.16	33.20		3.2
Result:													Complies	

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

Margin = [Atten] - Limit

Band Edge Measurement Results (Restricted Band): DTS

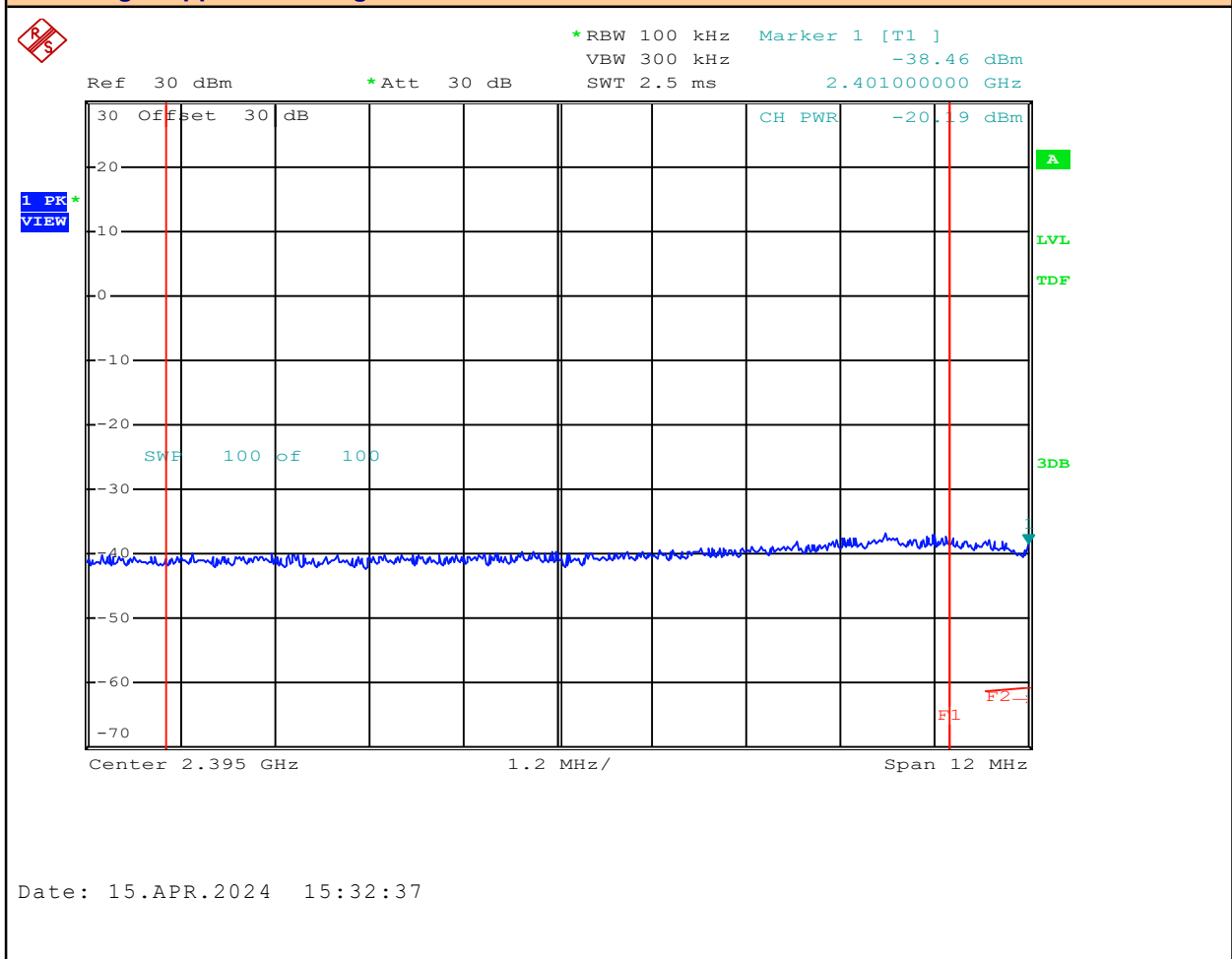
Mode	Channel Number	Frequency (MHz)	Modulation	Emission Power [P _{Em}] (dBm)	Antenna Gain [G] (dBi)	Emission EIRP [E _{Em}] (dBm)	Field Strength [FS] (dBuV)	Peak Limit (dBuV/m)	EIRP Margin (dB)
802.11b	12	2467.00	DSSS 5.5	-22.60	-3.9	-26.50	68.80	74	5.2
802.11b	13	2472.00	DSSS 5.5	-18.50		-22.40	72.90		1.1
802.11g	11	2462.00	OFDM 12	-23.98		-27.88	67.42		6.6
802.11g	12	2467.00	OFDM 12	-23.20		-27.10	68.20		5.8
802.11g	13	2472.00	OFDM 12	-20.81		-24.71	70.59		3.4
802.11n	11	2462.00	MCS0	-21.97		-25.87	69.43		4.6
802.11n	12	2467.00	MCS0	-18.76		-22.66	72.64		1.4
802.11n	13	2472.00	MCS0	-19.34		-23.24	72.06		1.9
BLE 1mb	39	2480.00	GMSK	-23.85		-27.75	67.55		6.5
BLE 2mb	36	2478.00	GMSK	-23.85		-27.75	67.55		6.5
ANT	78	2480.00	GFSK	-24.09		-27.99	67.31		6.7
Result:								Complies	

Margin = [FS] - Limit

FS = EIRP -20Log(d) +104.8

EIRP = Emission Power [P_{Em}] + Antenna Gain [G] + Ground Reflection Factor (0)

Band Edge: Upper Band Edge



Channel: 1

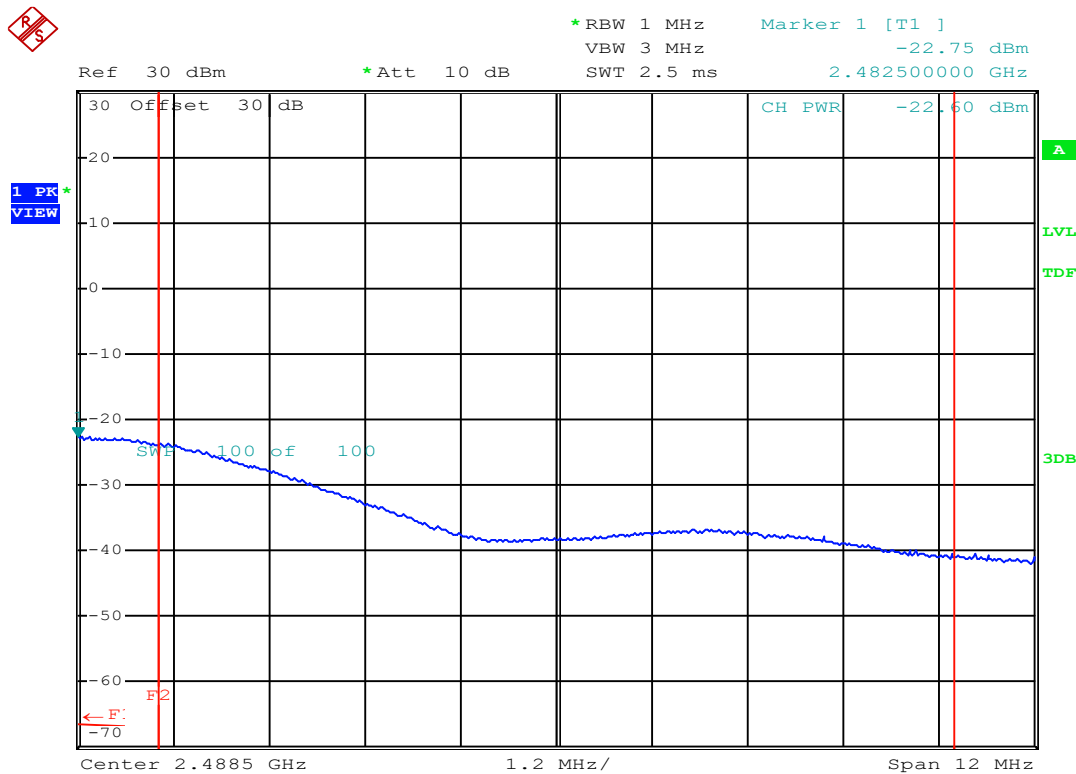
Mode: 802.11b

Channel Frequency: 2412 MHz

Modulation:	DSSS 5.5
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Emission Power: -20.19 dBm

Band Edge: Upper Band Edge



Date: 15.APR.2024 18:00:36

Channel: 12

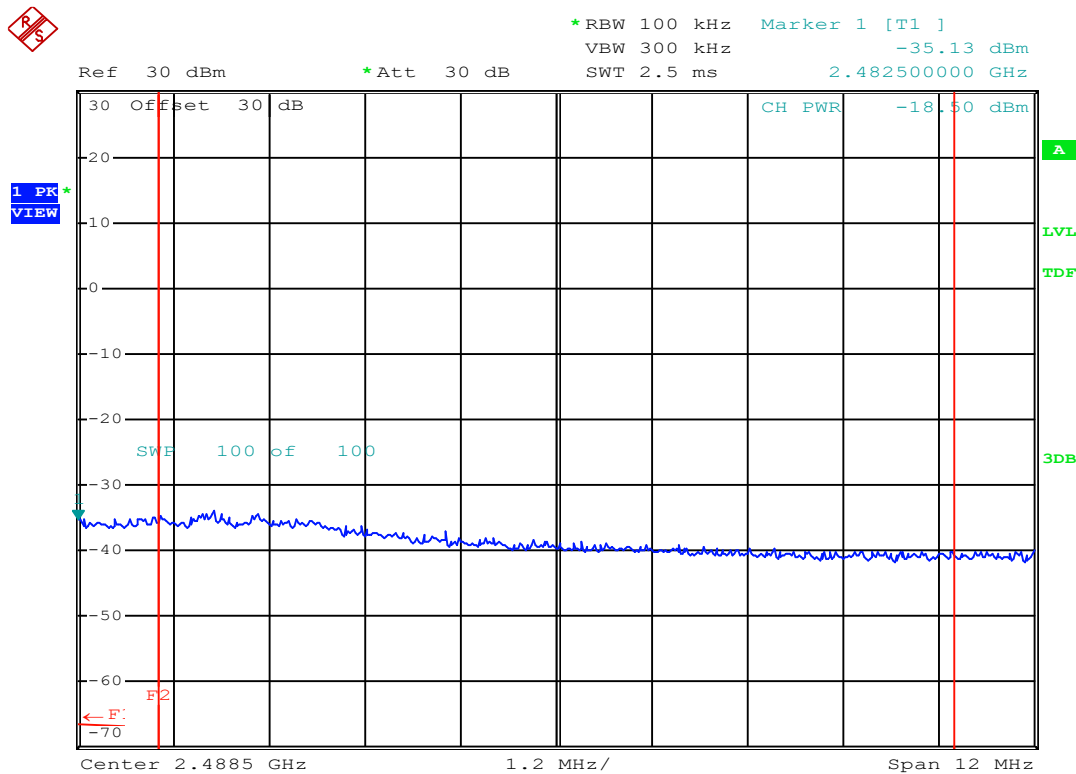
Mode: 802.11b

Channel Frequency: 2467 MHz

Modulation: **DSSS 5.5**

Emission Power: -22.6 dBm

Band Edge: Upper Band Edge



Date: 15.APR.2024 15:12:34

Channel: 13

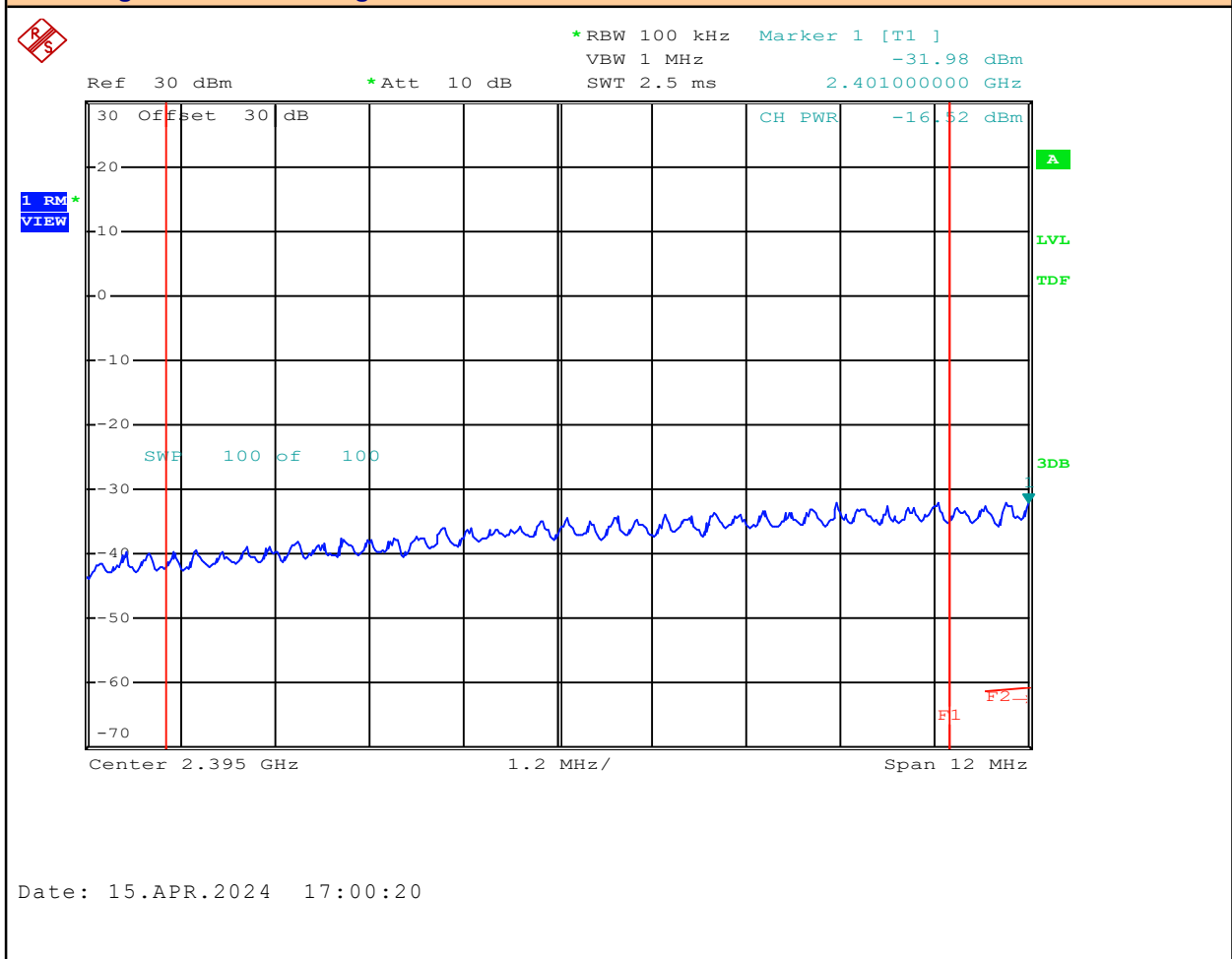
Mode: 802.11b

Channel Frequency: 2472 MHz

Modulation: **DSSS 5.5**

Emission Power: -18.5 dBm

Band Edge: Lower Band Edge



Channel: 1

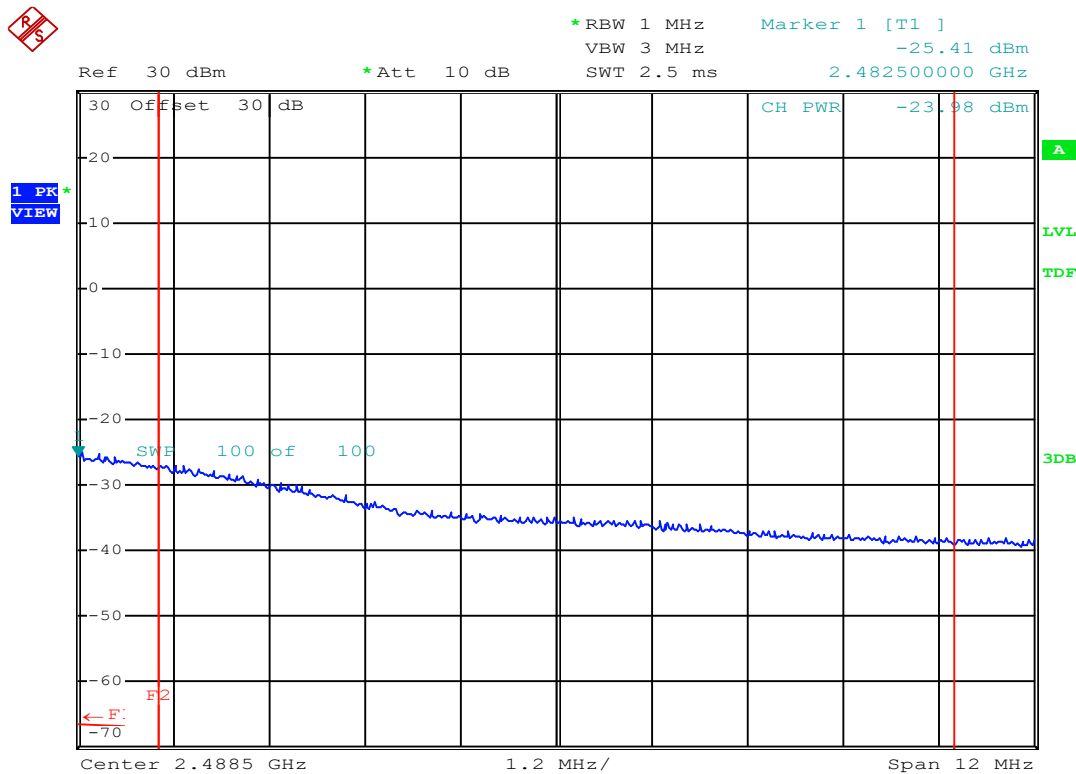
Mode: 802.11g

Channel Frequency: **2412** MHz

Modulation: OFDM 6

Emission Power: **-16.52** dBm

Band Edge: Upper Band Edge



Date: 15.APR.2024 17:01:58

Channel: 11

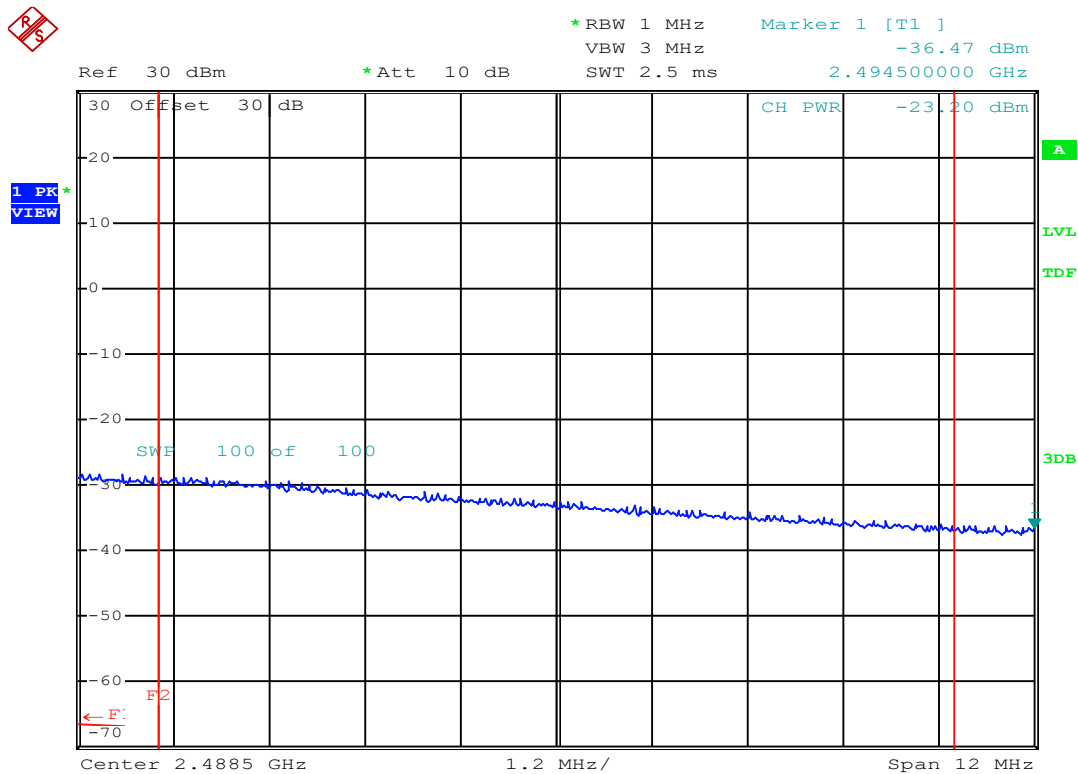
Mode: 802.11g

Channel Frequency: 2462 MHz

Modulation: OFDM 12

Emission Power: **-23.98** dBm

Band Edge: Upper Band Edge



Date: 15.APR.2024 17:22:48

Channel: 12

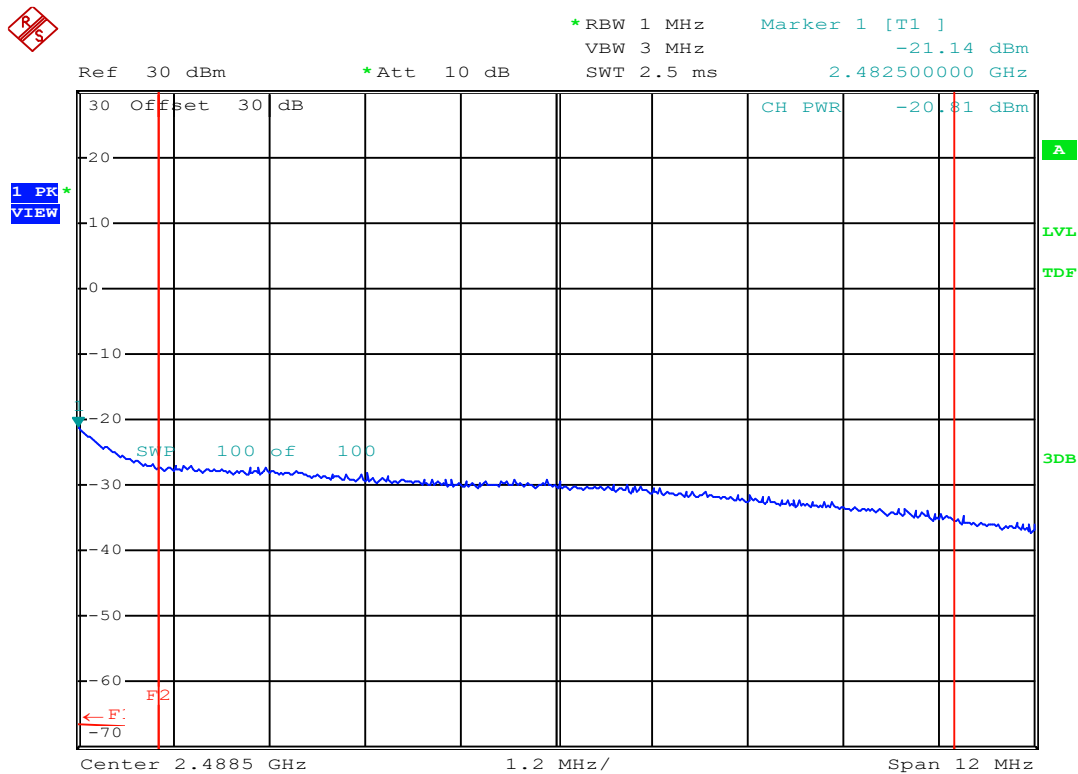
Mode: 802.11g

Channel Frequency: 2467 MHz

Modulation: OFDM 12

Emission Power: -23.2 dBm

Band Edge: Upper Band Edge



Date: 15.APR.2024 16:53:00

Channel: 13

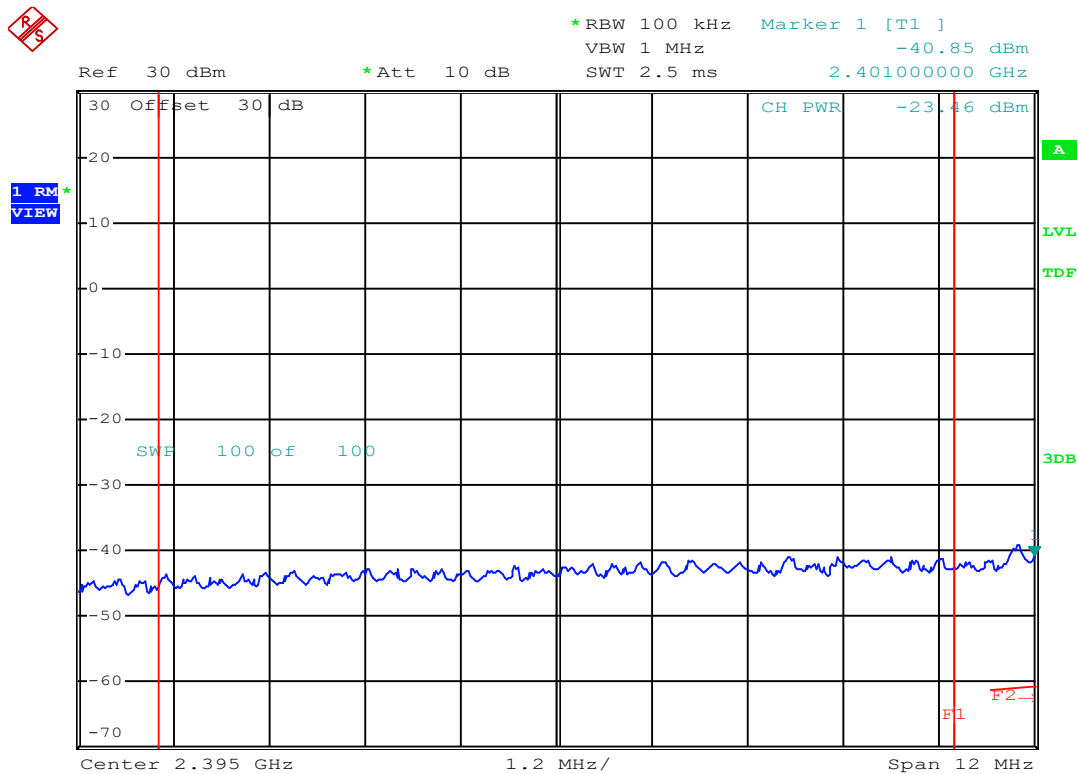
Mode: 802.11g

Channel Frequency: 2472 MHz

Modulation: OFDM 12

Emission Power: -20.81 dBm

Band Edge: Lower Band Edge



Date: 15.APR.2024 17:35:55

Channel: 1

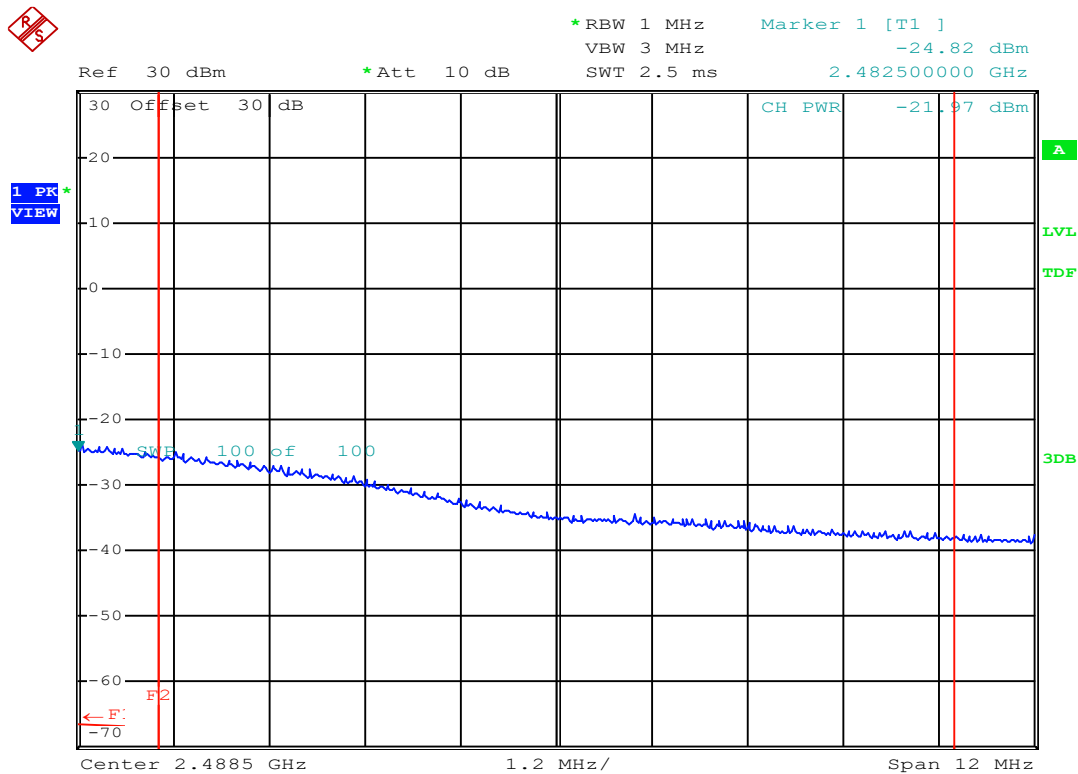
Mode: 802.11n

Channel Frequency: **2412** MHz

Modulation: MCS0

Emission Power: **-23.46** dBm

Band Edge: Upper Band Edge



Date: 15.APR.2024 17:40:41

Channel: 11

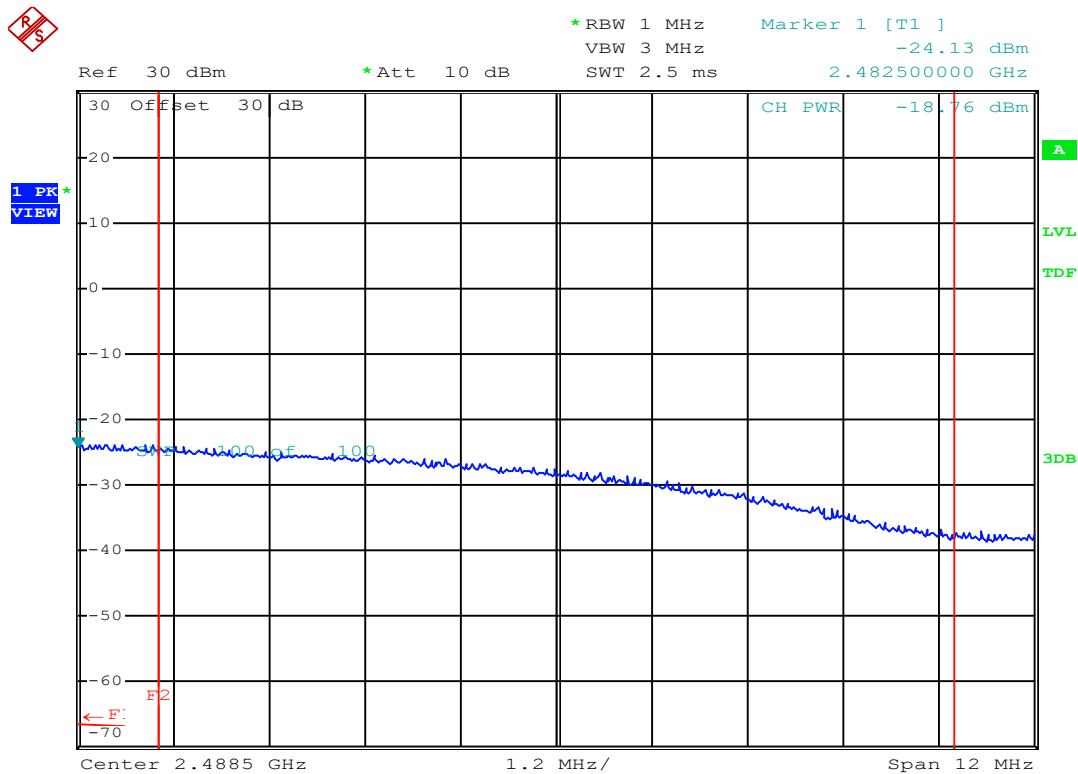
Mode: 802.11n

Channel Frequency: 2462 MHz

Modulation: MCS0

Emission Power: **-21.97** dBm

Band Edge: Upper Band Edge



Date: 15.APR.2024 17:43:01

Channel: 12

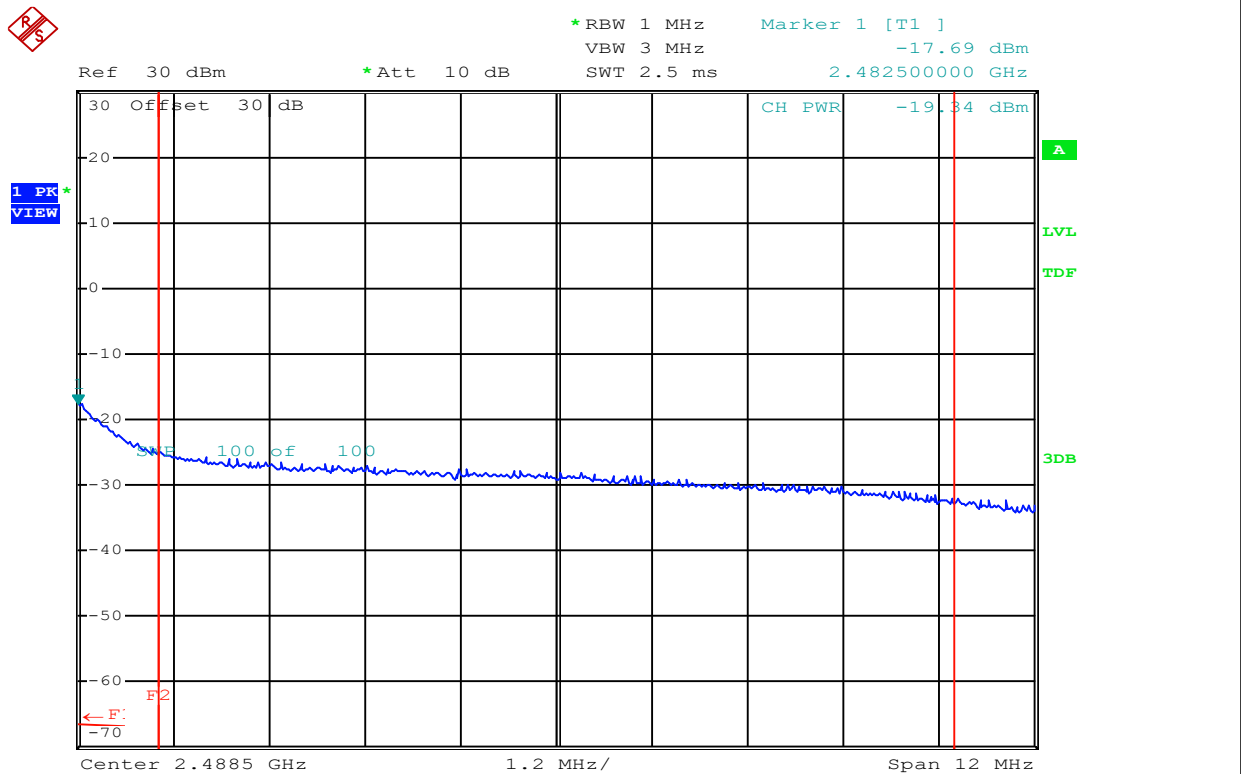
Mode: 802.11n

Channel Frequency: **2467** MHz

Modulation: MCS0

Emission Power: **-18.76** dBm

Band Edge: Upper Band Edge



Date: 15.APR.2024 17:44:14

Channel: 13

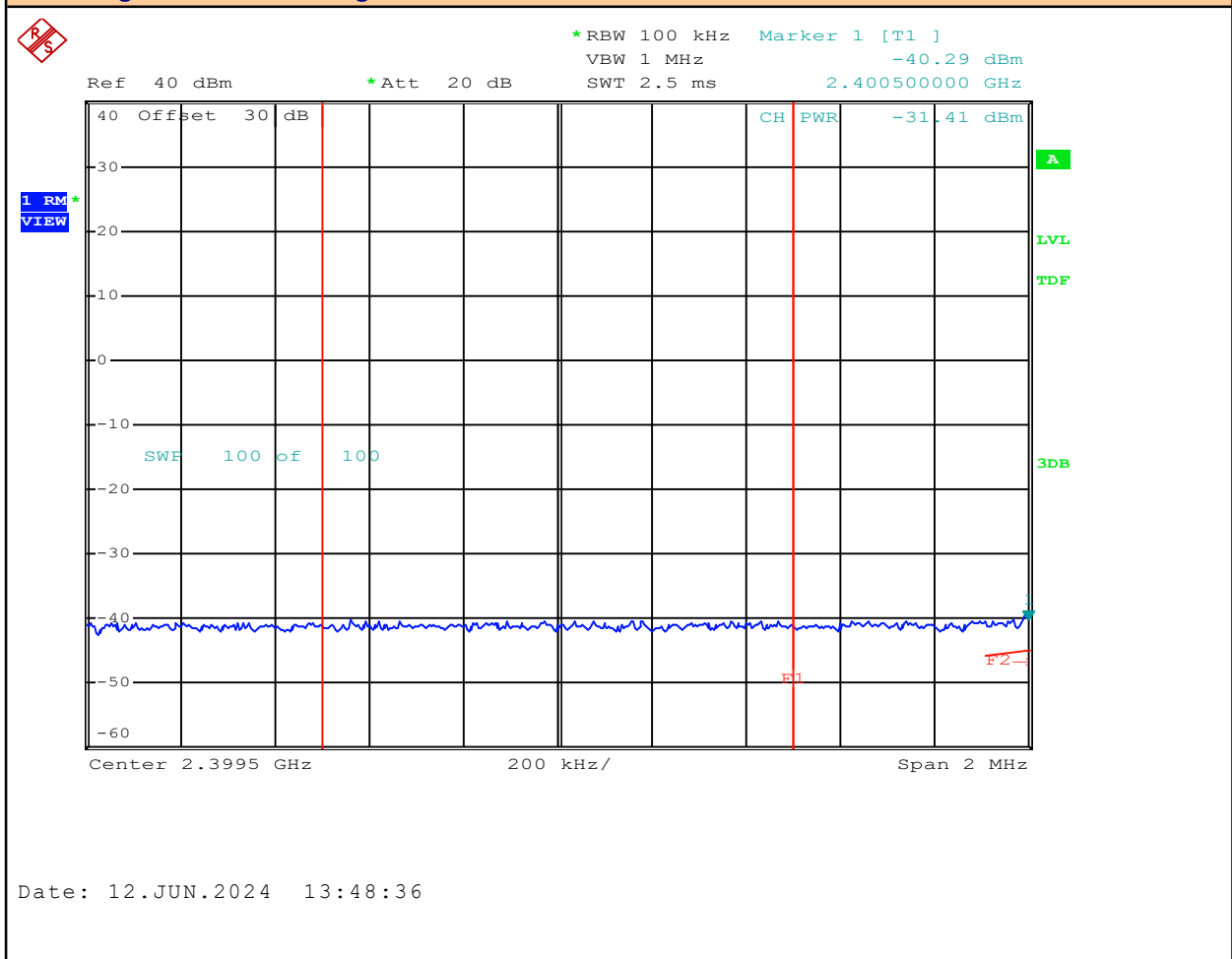
Mode: 802.11n

Channel Frequency: **2472** MHz

Modulation: MCS0

Emission Power: **-19.34** dBm

Band Edge: Lower Band Edge



Channel: 37

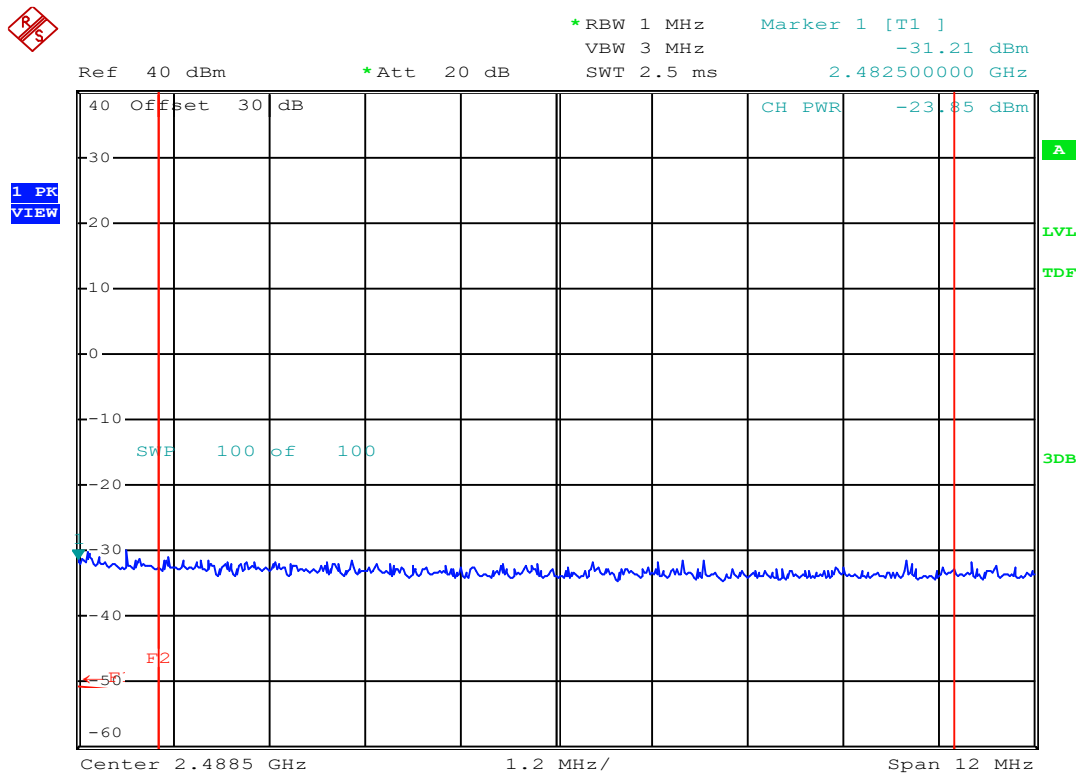
Mode: BLE 1mb

Channel Frequency: 2402 MHz

Modulation: **GMSK**

Emission Power: -31.41 dBm

Band Edge: Upper Band Edge



Date: 12.JUN.2024 14:02:32

Channel: 39

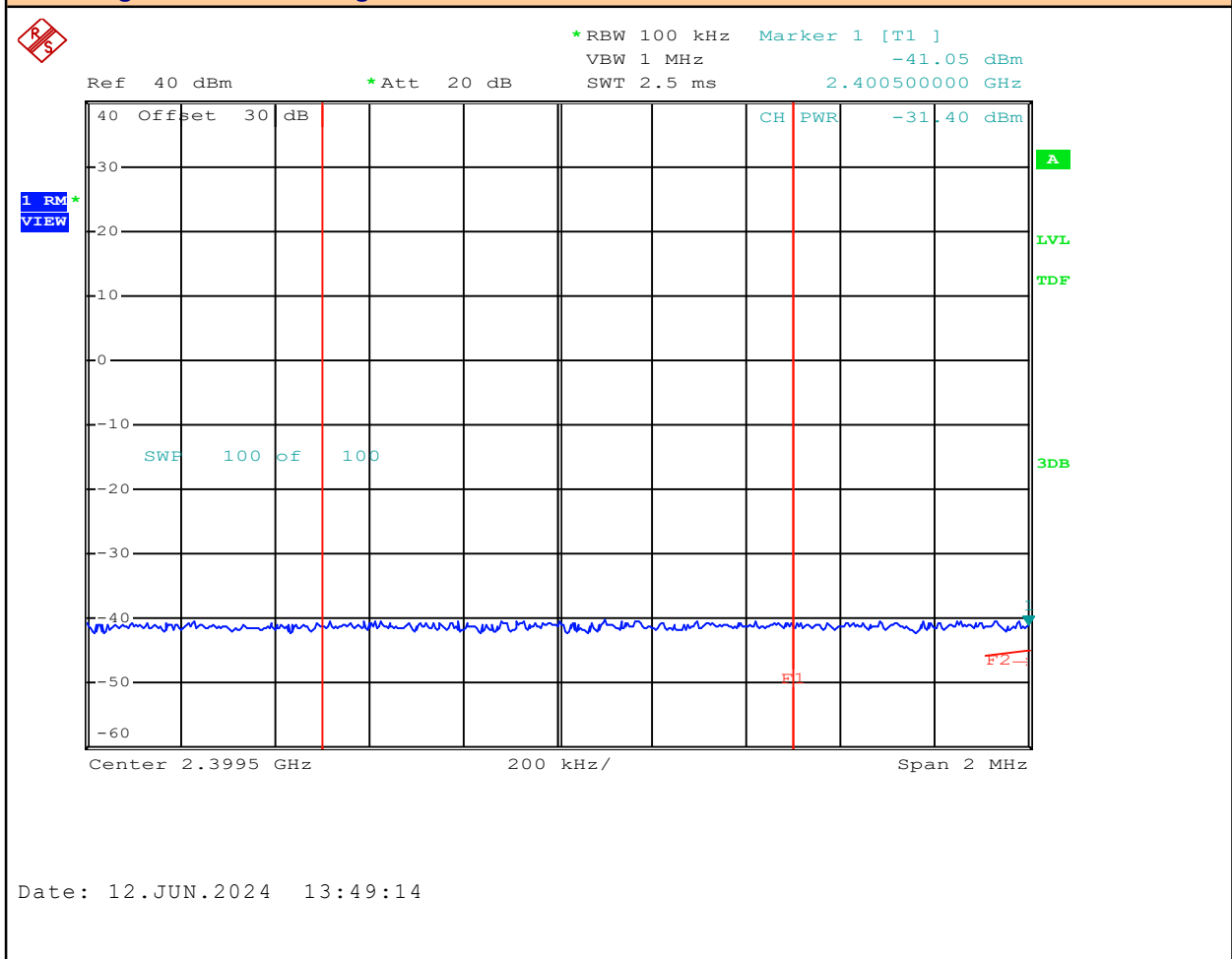
Mode: BLE 1mb

Channel Frequency: 2480 MHz

Modulation: **GMSK**

Emission Power: **-23.85** dBm

Band Edge: Lower Band Edge



Channel: 0

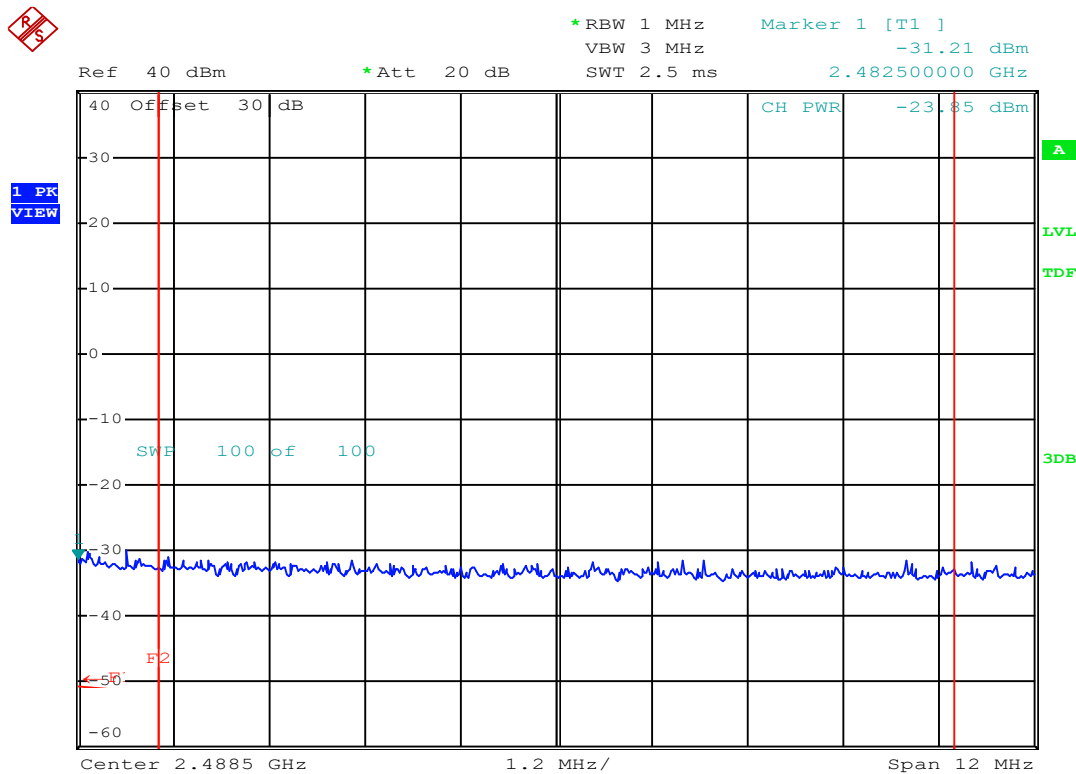
Mode: BLE 2mb

Channel Frequency: 2404 MHz

Modulation: **GMSK**

Emission Power: **-31.4** dBm

Band Edge: Upper Band Edge



Date: 12.JUN.2024 14:02:32

Channel: 36

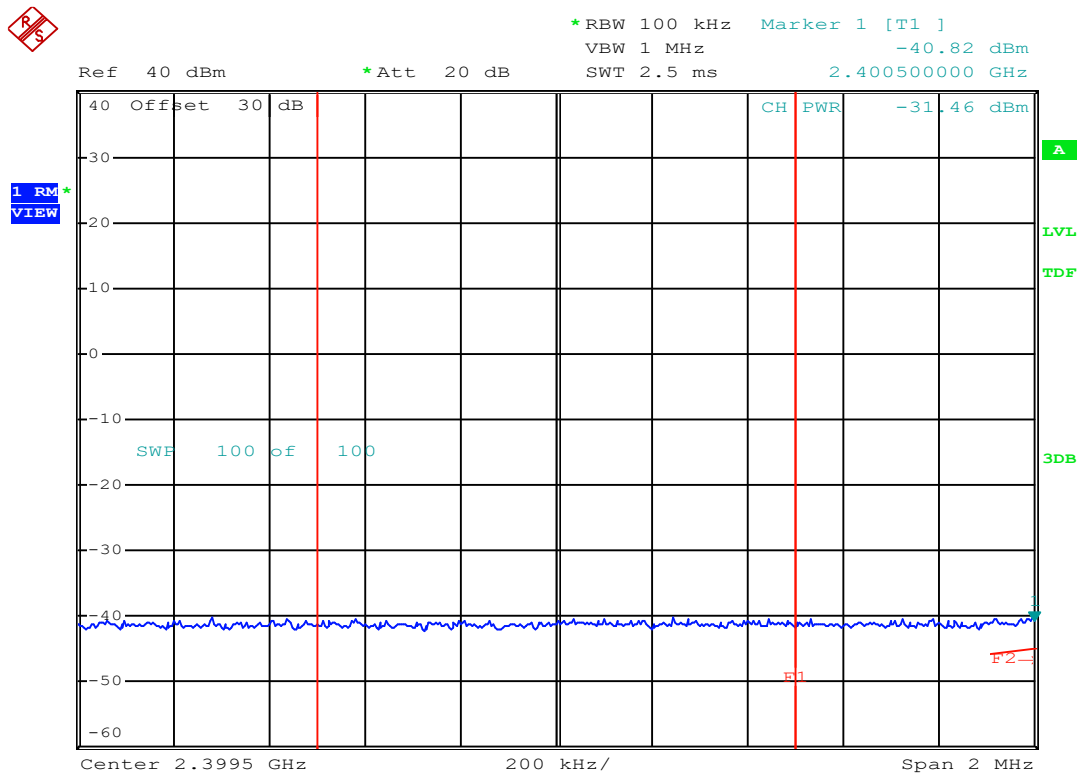
Mode: BLE 2mb

Channel Frequency: 2478 MHz

Modulation: **GMSK**

Emission Power: **-23.85** dBm

Band Edge: Lower Band Edge



Date: 12.JUN.2024 13:43:27

Channel: 0

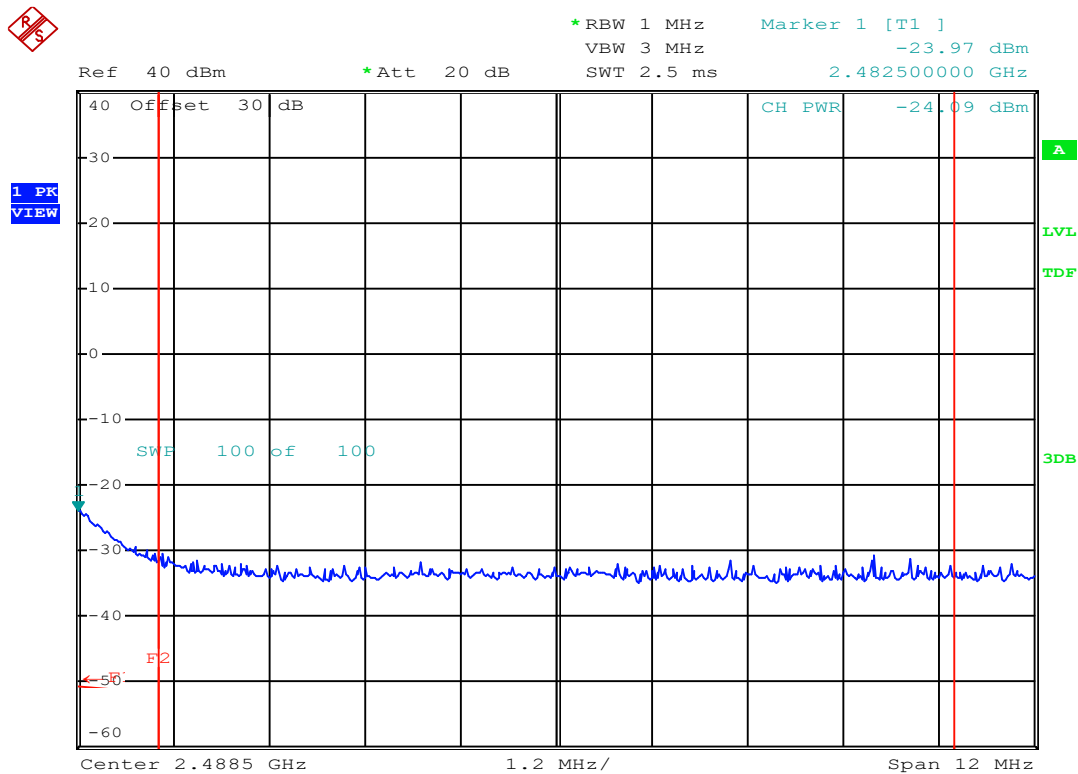
Mode: ANT

Channel Frequency: 2402 MHz

Modulation: **GFSK**

Emission Power: **-31.46** dBm

Band Edge: Upper Band Edge



Date: 12.JUN.2024 14:03:53

Channel: 78

Mode: ANT

Channel Frequency: 2480 MHz

Modulation: **GFSK**

Emission Power: **-24.09** dBm

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	-31.30	17.31	48.61	30	18.6	-3.9	-35.20	13.41	48.61	30	18.6
BT 2EDR	0	2402.00	Pi/4-DQPSK	-31.22	17.31	48.53	30	18.5	-3.9	-35.12	13.41	48.53	30	18.5
BT 3EDR	0	2402.00	8-DPSK	-31.22	17.31	48.53	30	18.5	-3.9	-35.12	13.41	48.53	30	18.5
Result:													Complies	

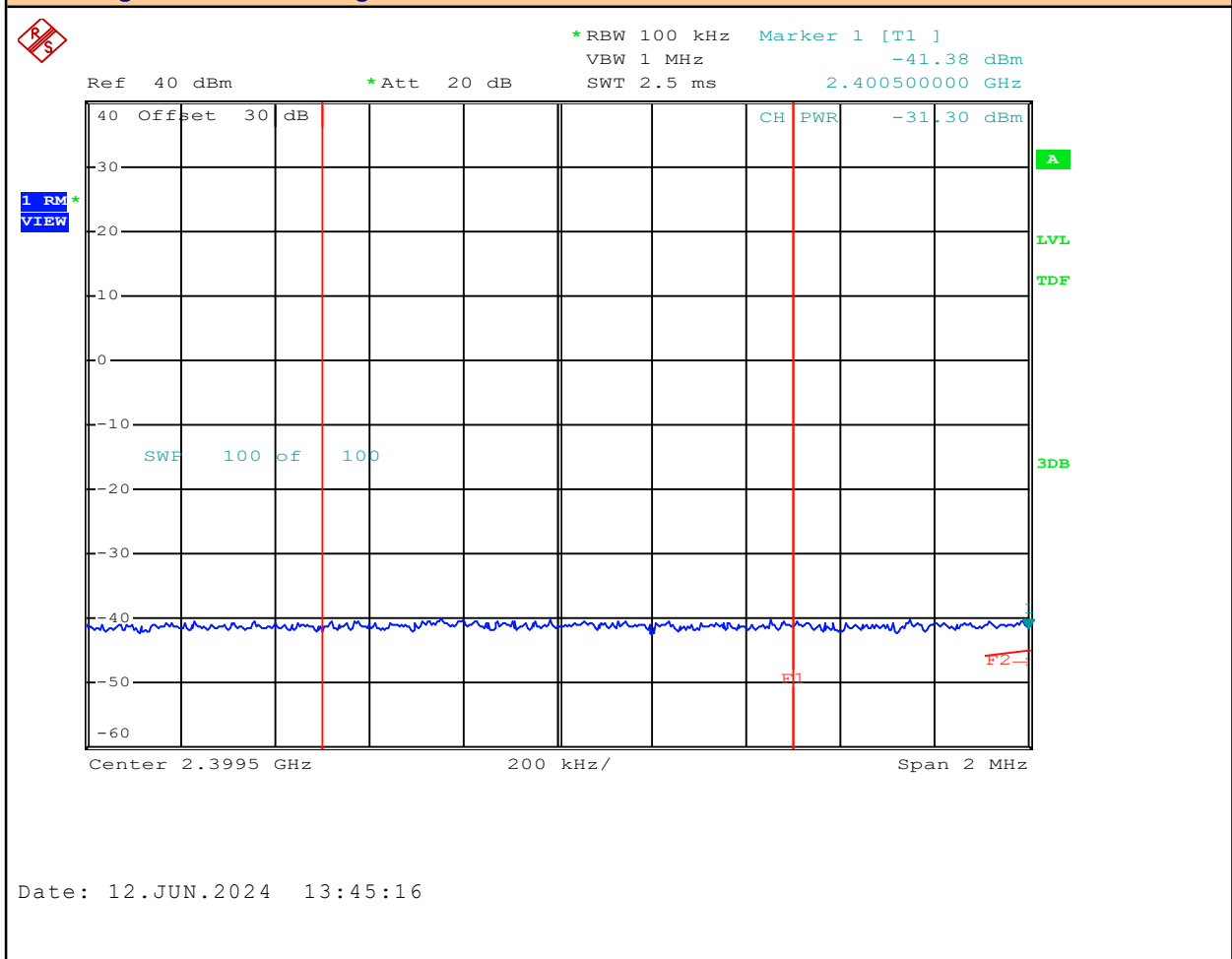
Attenuation [Atten] = [P_{Fund}] - [P_{Em}]

Margin = [Atten] - Limit

Band Edge Measurement Results (Restricted Band): DTS									
Mode	Channel Number	Frequency (MHz)	Modulation	Emission Power [P _{Em}] (dBm)	Antenna Gain [G] (dBi)	Emission EIRP [E _{Em}] (dBm)	Field Strength [FS] (dBuV)	Peak Limit (dBuV/m)	EIRP Margin (dB)
BT BR	78	2480.00	GFSK	-22.93	-3.9	-26.83	68.47	74	5.5
BT 2EDR	78	2480.00	PI/4-DQPSK	-23.44		-27.34	67.96		6.0
BT 3EDR	78	2480.00	8-DPSK	-23.43		-27.33	67.97		6.0
Results								Complies	

Margin = [FS] - Limit
 FS = EIRP -20Log(d) +104.8
 EIRP = Emission Power [P_{Em}] + Antenna Gain [G] + Ground Reflection Factor (0)

Band Edge: Lower Band Edge



Channel: 0

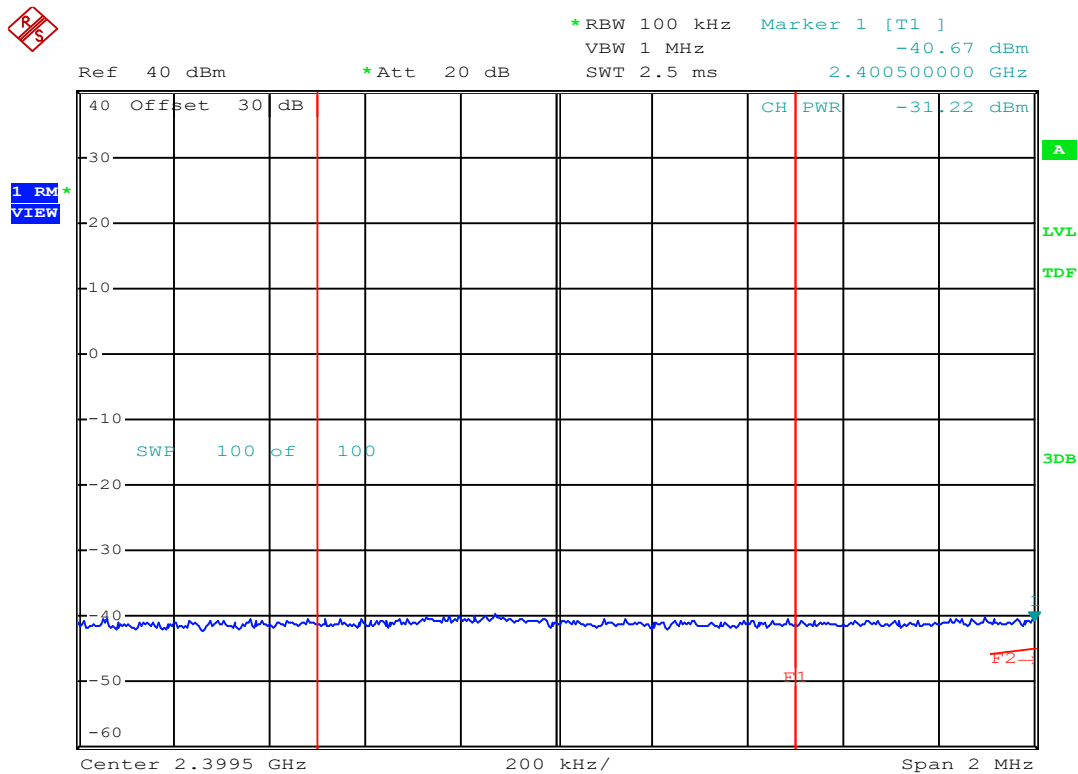
Mode: BT BR

Channel Frequency: 2402 MHz

Modulation:	GFSK
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Emission Power: -31.3 dBm

Band Edge: Lower Band Edge



Date: 12.JUN.2024 13:46:06

Channel: 0

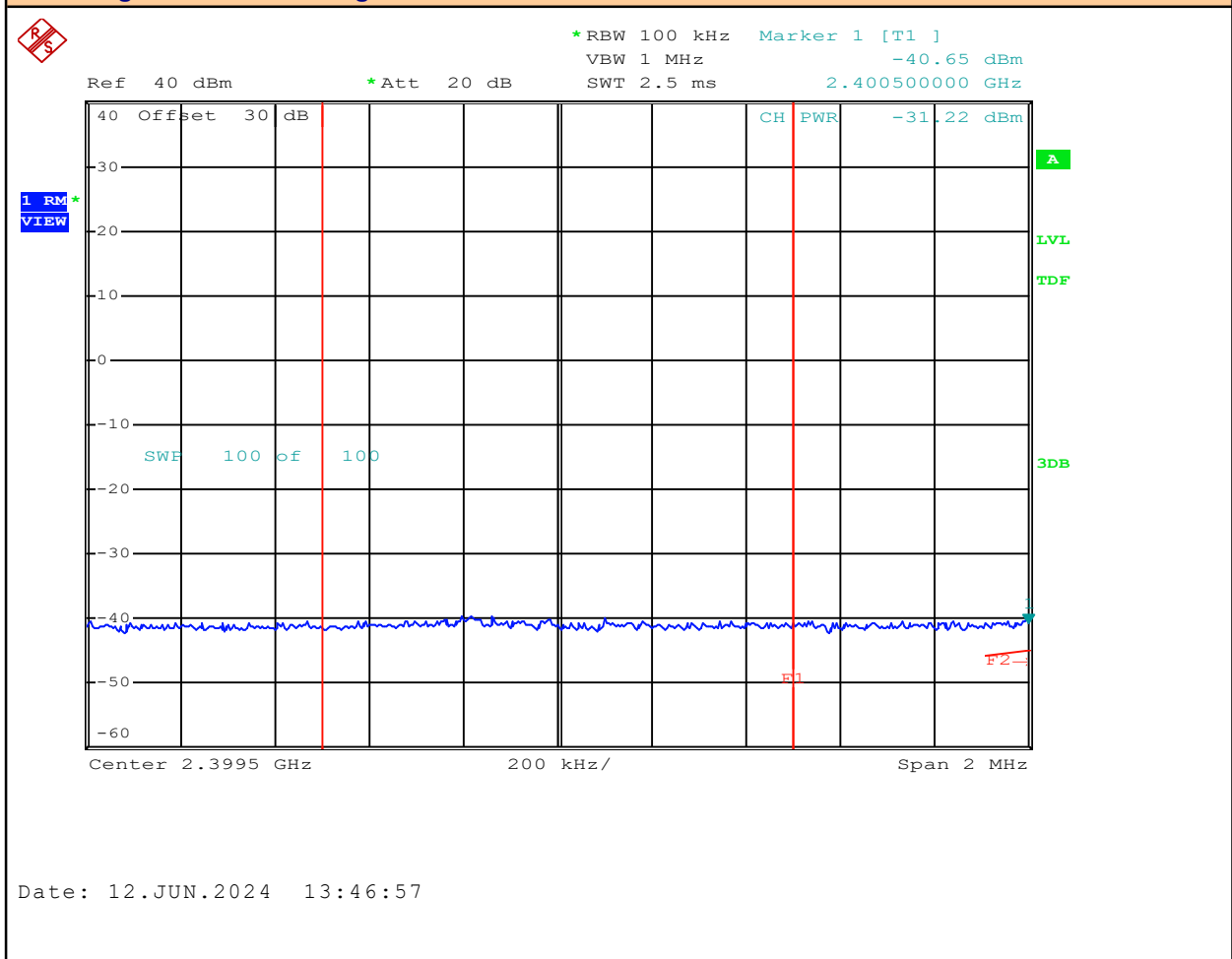
Mode: BT 2EDR

Channel Frequency: 2402 MHz

Modulation: **Pi/4-DQPSK**

Emission Power: **-31.22** dBm

Band Edge: Lower Band Edge



Channel: 0

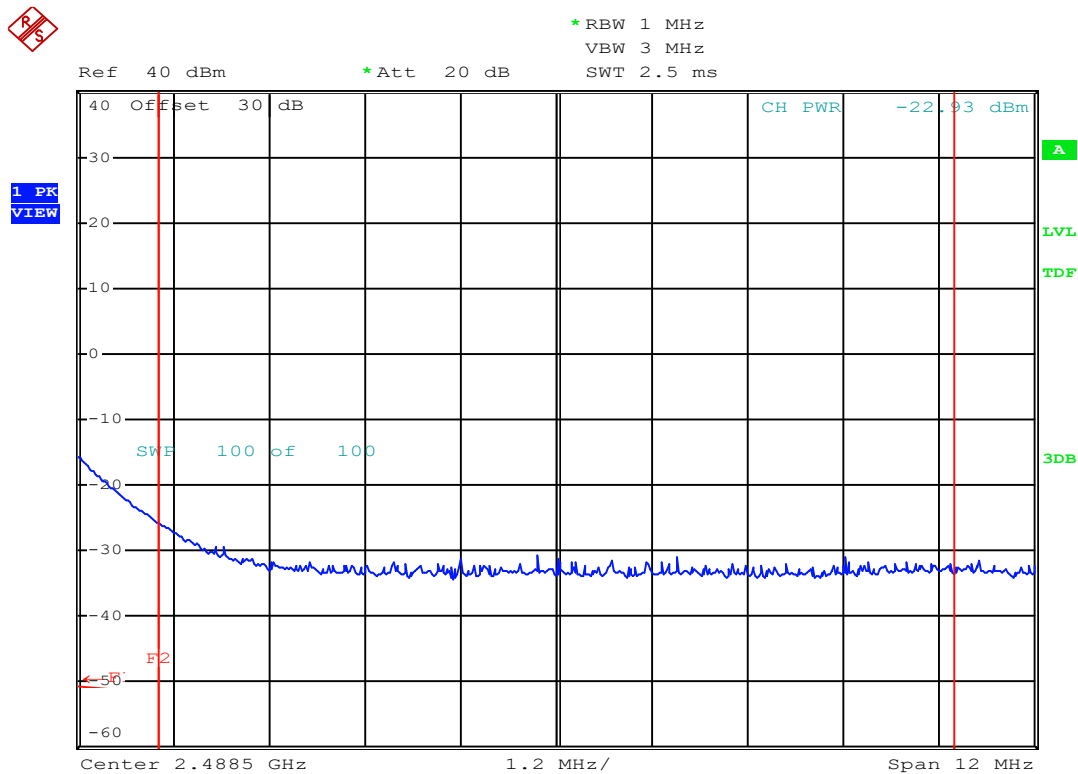
Mode: BT 3EDR

Channel Frequency: 2402 MHz

Modulation: 8-DPSK

Emission Power: **-31.22** dBm

Band Edge: Upper Band Edge



Date: 12.JUN.2024 14:05:04

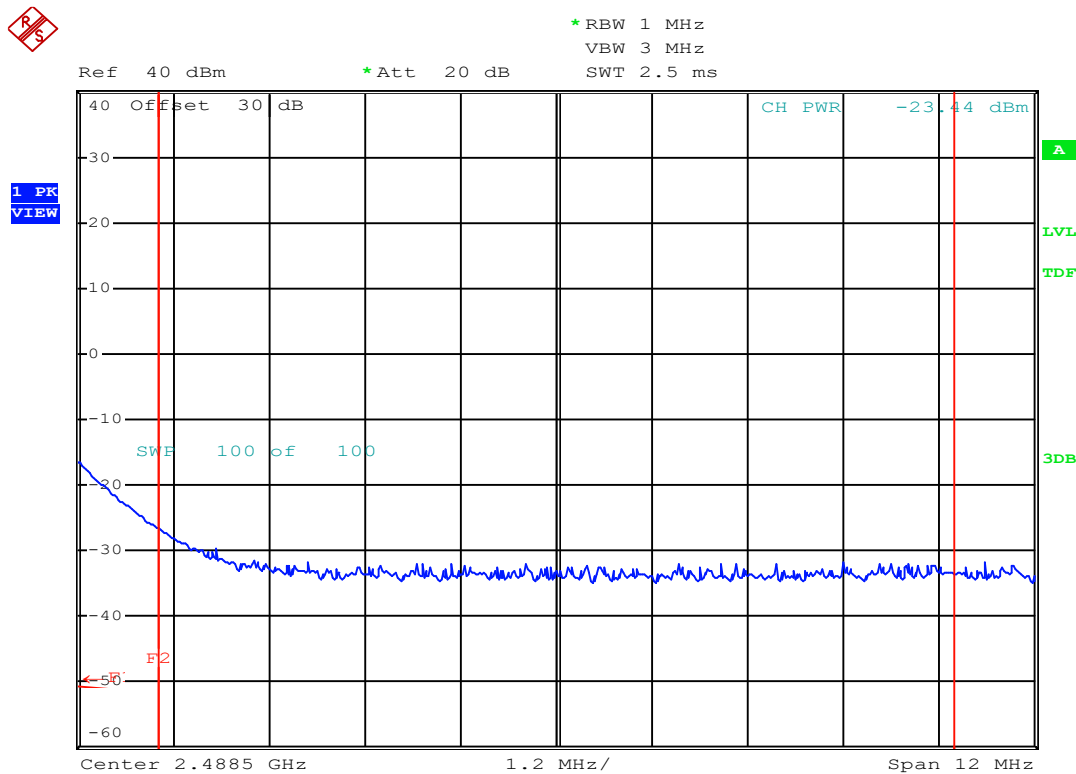
Channel: 78

Mode: BT BR

Channel Frequency: 2480 MHz

Modulation: **GFSK**Emission Power: **-22.93** dBm

Band Edge: Upper Band Edge



Date: 12.JUN.2024 14:05:36

Channel: 78

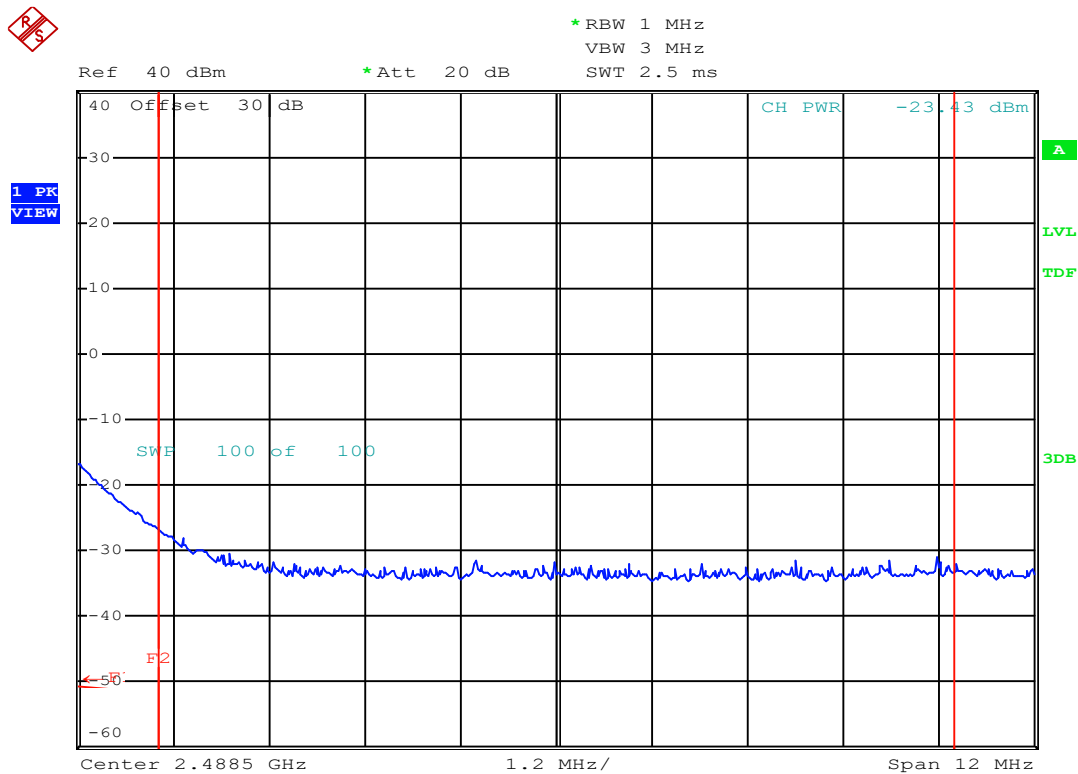
Mode: BT 2EDR

Channel Frequency: 2480 MHz

Modulation: **Pi/4-DQPSK**

Emission Power: -23.44 dBm

Band Edge: Upper Band Edge



Date: 12.JUN.2024 14:06:20

Channel: 78

Mode: BT 3EDR

Channel Frequency: 2480 MHz

Modulation: 8-DPSK

Emission Power: **-23.43** dBm