

**Band Edge Measurement Results (Lower): DTS**

Mode	Channel Number	Frequency (MHz)	Modulation	Emission Power [P <sub>Em</sub> ] (dBm)	Fundamental Power [P <sub>Fund</sub> ] (dBm)	Attenuation [Atten] (dB)	Limit (dB)	Margin (dB)	Antenna Gain (dBi)	Emission EIRP [E <sub>Em</sub> ] (dBm)	Fundamental EIRP [E <sub>Fund</sub> ] (dBm)	EIRP Attenuation [Atten] (dB)	Limit (dB)	EIRP Margin (dB)
802.11b	1	2412.00	DSSS 5.5	-26.84	16.83	43.67	30	13.7	-5.8	-32.64	11.03	43.67	30	13.7
802.11g	1	2412.00	OFDM6	-28.28	15.76	44.04		14.0		-34.08	9.96	44.04		14.0
802.11n	1	2412.00	MCS0	-29.70	16.09	45.79		15.8		-35.50	10.29	45.79		15.8
BLE1	37	2402.00	GMSK	-38.33	1.83	40.16		10.2		-44.13	-3.97	40.16		10.2
BLE2	0	2404.00	GMSK	-38.41	2.01	40.42		10.4		-44.21	-3.79	40.42		10.4
ANT	0	2402.00	GFSK	-38.92	2.08	41.00		11.0		-44.72	-3.72	41.00		11.0
<b>Result:</b>														<b>Complies</b>

Attenuation [Atten] = [P<sub>Fund</sub>] - [P<sub>Em</sub>]

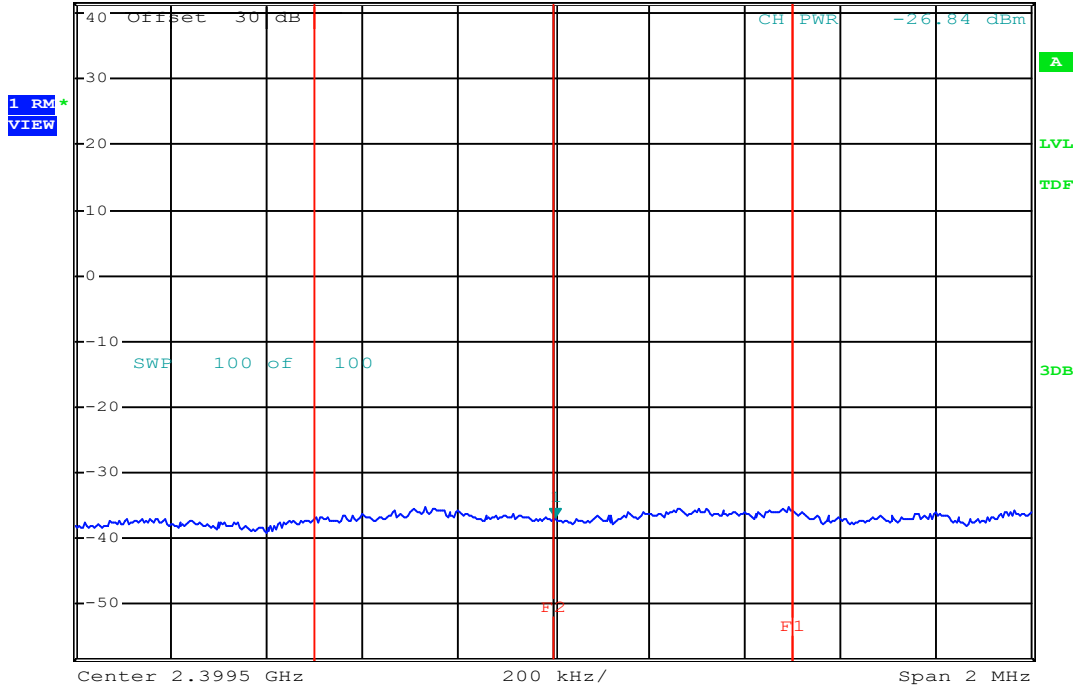
Margin = [Atten] - Limit

# Band Edge: Lower Band Edge



\*RBW 100 kHz Marker 1 [T1 ]  
VEW 1 MHz -36.87 dBm  
SWT 2.5 ms 2.399504000 GHz

Ref 41.5 dBm \*Att 10 dB



Date: 16.JUL.2024 12:25:25

Channel:

Mode:

Channel Frequency:  MHz

Modulation:

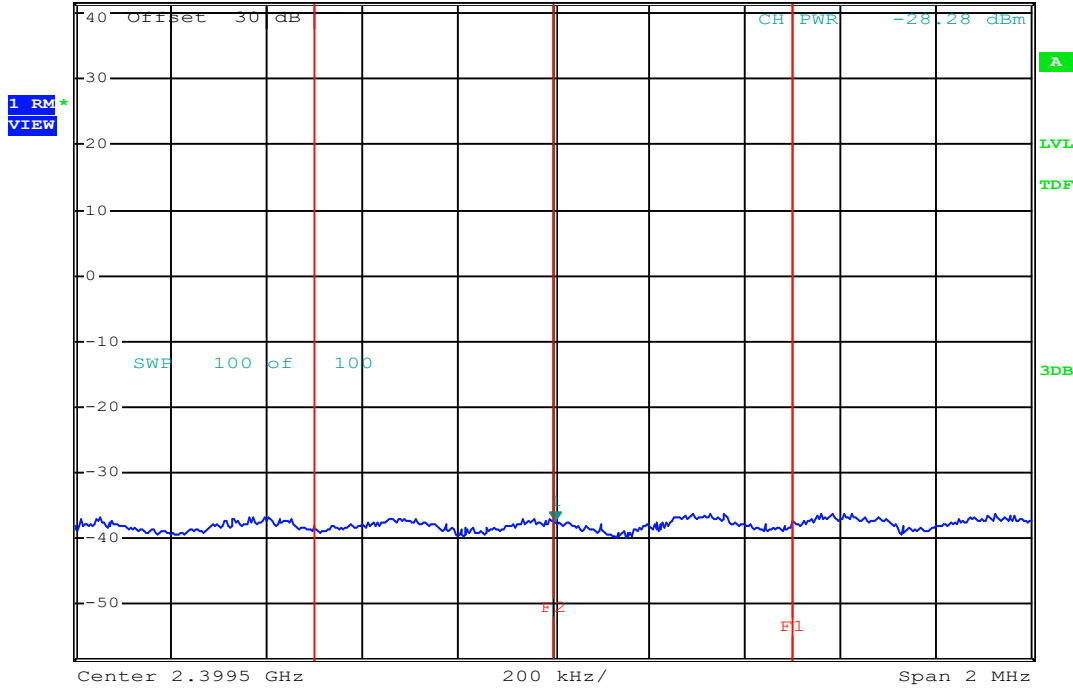
Emission Power:  dBm

# Band Edge: Lower Band Edge



\*RBW 100 kHz Marker 1 [T1 ]  
VEW 1 MHz -37.33 dBm  
SWT 2.5 ms 2.399504000 GHz

Ref 41.5 dBm \*Att 10 dB



Date: 16.JUL.2024 12:24:03

Channel:

Mode:

Channel Frequency:  MHz

Modulation:

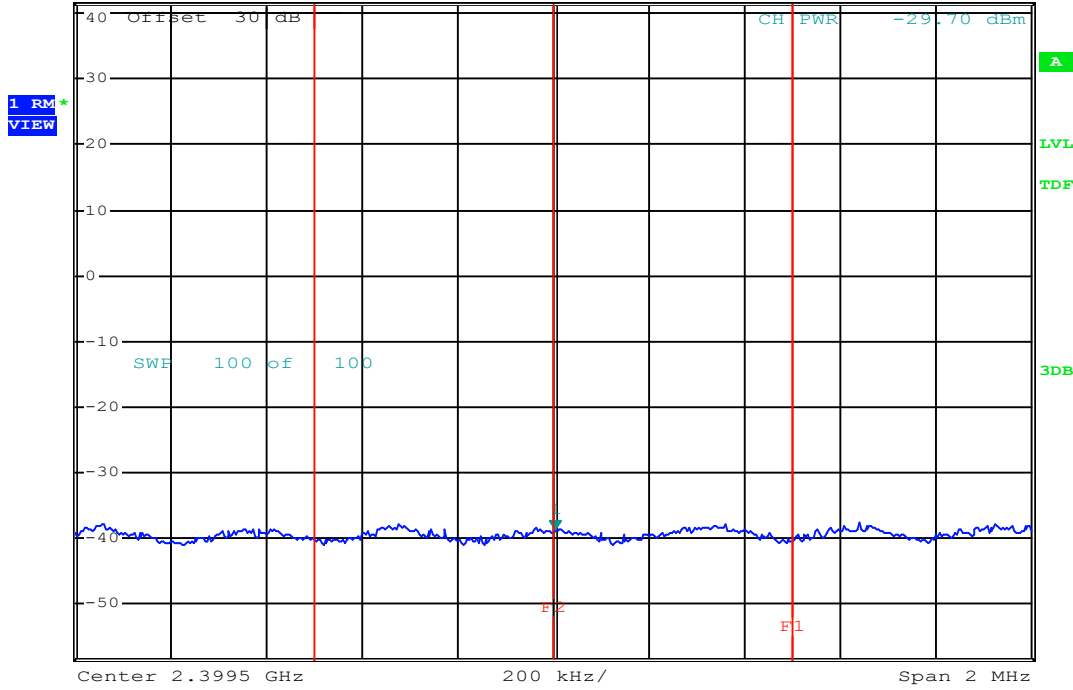
Emission Power:  dBm

# Band Edge: Lower Band Edge



\*RBW 100 kHz Marker 1 [T1 ]  
 VEW 1 MHz -38.73 dBm  
 SWT 2.5 ms 2.399504000 GHz

Ref 41.5 dBm \*Att 10 dB



Date: 16.JUL.2024 12:24:44

Channel:   
 Mode:

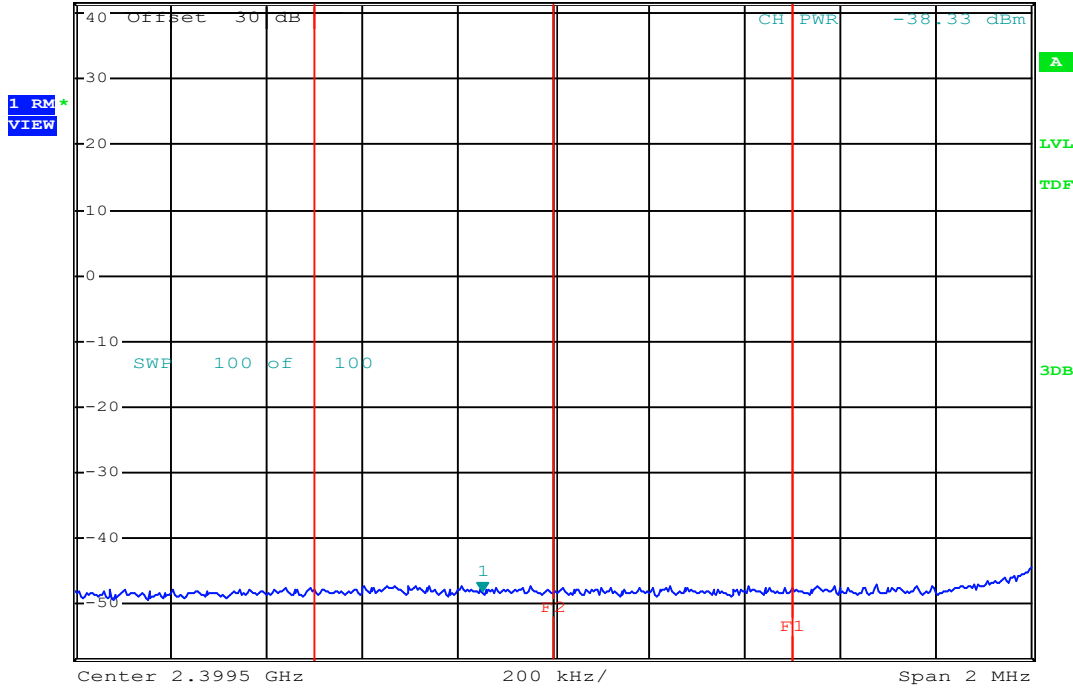
Channel Frequency:  MHz  
 Modulation:   
 Emission Power:  dBm

# Band Edge: Lower Band Edge



\*RBW 100 kHz Marker 1 [T1 ]  
VEW 1 MHz -48.02 dBm  
SWT 2.5 ms 2.399352000 GHz

Ref 41.5 dBm \*Att 10 dB



Date: 16.JUL.2024 08:59:20

Channel:

Mode:

Channel Frequency:  MHz

Modulation:

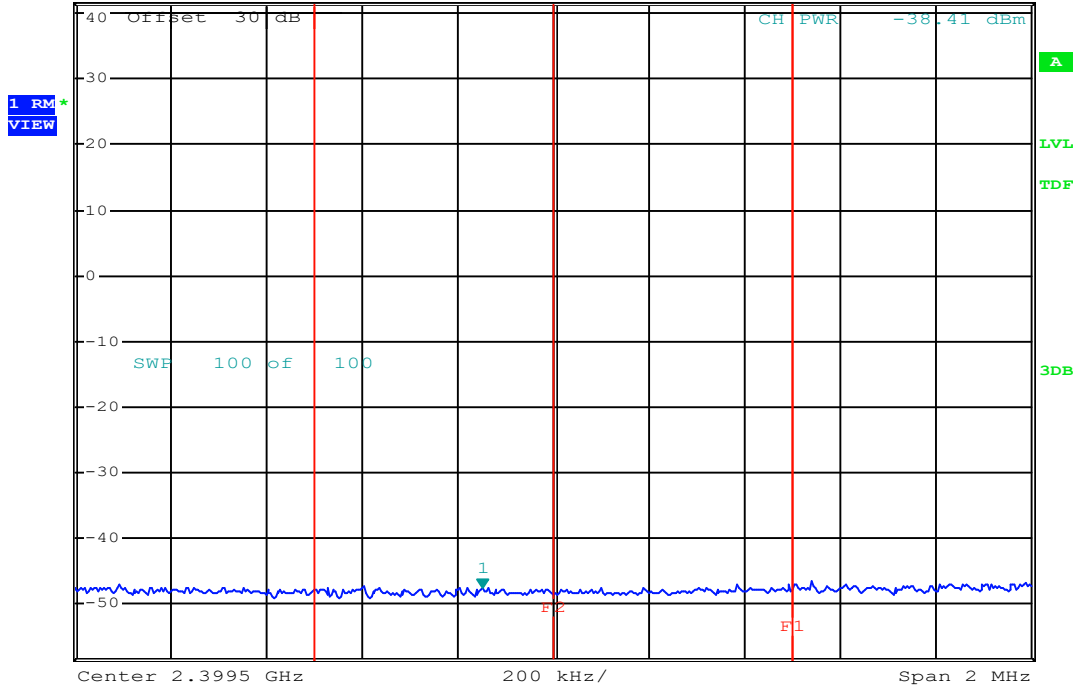
Emission Power:  dBm

# Band Edge: Lower Band Edge



\*RBW 100 kHz Marker 1 [T1 ]  
VEW 1 MHz -47.48 dBm  
SWT 2.5 ms 2.399352000 GHz

Ref 41.5 dBm \*Att 10 dB



Date: 16.JUL.2024 09:00:01

Channel:

Mode:

Channel Frequency:  MHz

Modulation:

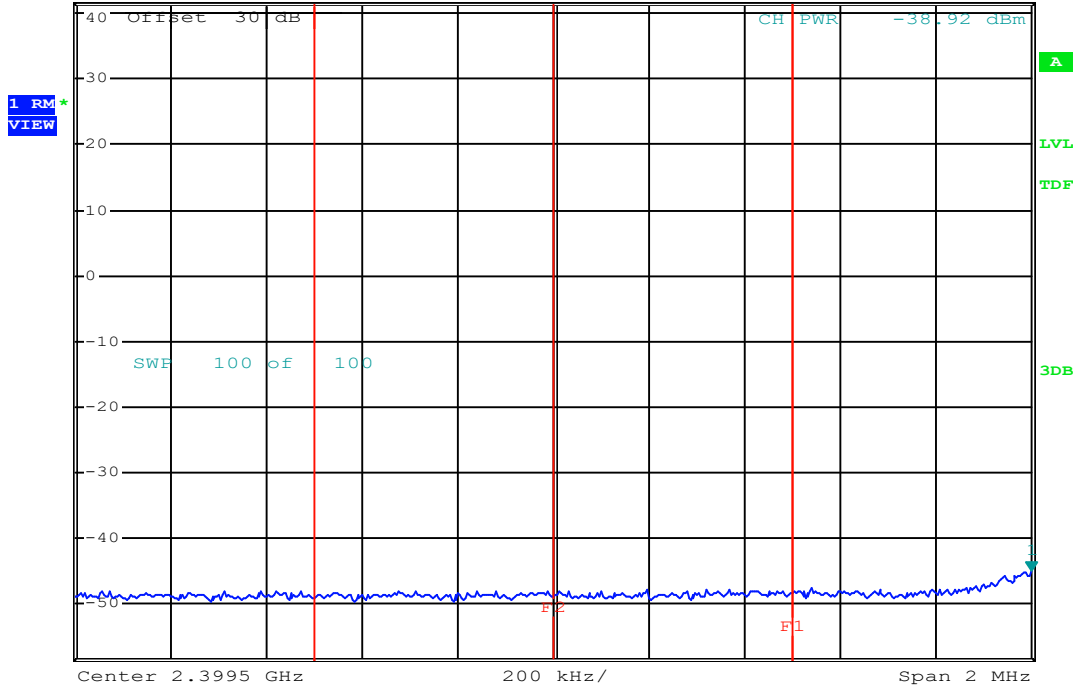
Emission Power:  dBm

# Band Edge: Lower Band Edge



\*RBW 100 kHz Marker 1 [T1 ]  
VEW 1 MHz -45.10 dBm  
SWT 2.5 ms 2.400500000 GHz

Ref 41.5 dBm \*Att 10 dB



Date: 16.JUL.2024 09:02:33

Channel:

Mode:

Channel Frequency:  MHz

Modulation:

Emission Power:  dBm

Band Edge Measurement Results (Restricted Band): DTS									
Mode	Channel Number	Frequency (MHz)	Modulation	Emission Power [P <sub>Em</sub> ] (dBm)	Antenna Gain [G] (dBi)	Emission EIRP [E <sub>Em</sub> ] (dBm)	Field Strength [FS] (dBuV)	Peak Limit (dBuV/m)	Margin (dB)
802.11b	9	2452.00	DSSS 5.5	-23.52	-5.8	-29.32	65.98	74	8.0
	10	2457.00		-28.21		-34.01	61.29		12.7
	11	2462.00		-28.50		-34.30	61.00		13.0
	12	2467.00		-29.15		-34.95	60.35		13.7
	13	2472.00		-24.45		-30.25	65.05		9.0
802.11g	9	2452.00	OFDM6	-19.26		-25.06	70.24		3.8
	10	2457.00		-18.83		-24.63	70.67		3.3
	11	2462.00		-18.20		-24.00	71.30		2.7
	12	2467.00		-17.03		-22.83	72.47		1.5
	13	2472.00		-21.84		-27.64	67.66		6.3
802.11n	9	2452.00	MCS0	-23.53		-29.33	65.97		8.0
	10	2457.00		-19.70		-25.50	69.80		4.2
	11	2462.00		-17.31		-23.11	72.19		1.8
	12	2467.00		-21.43		-27.23	68.07		5.9
	13	2472.00		-20.45		-26.25	69.05		5.0
BLE1	39	2480.00	GMSK	-27.46	-33.26	62.04	12.0		
BLE2	36	2478.00	GMSK	-26.81	-32.61	62.69	11.3		
ANT	78	2480.00	GFSK	-27.26	-33.06	62.24	11.8		
<b>Results</b>								<b>Complies</b>	

Margin = [FS] - Limit

FS = EIRP -20Log(d) +104.8

EIRP = Emission Power [P<sub>Em</sub>] + Antenna Gain [G] + Ground Reflection Factor (0)



# Band Edge: Upper Band Edge

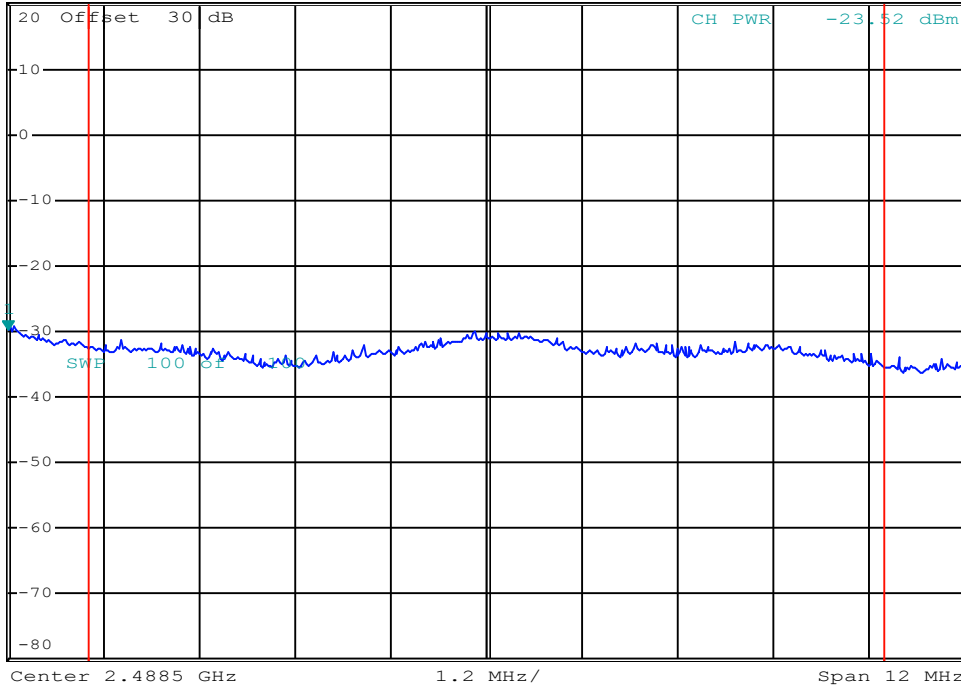


\*RBW 1 MHz    Marker 1 [T1 ]  
 VBW 3 MHz    -29.68 dBm  
 SWT 2.5 ms    2.482500000 GHz

Ref 20 dBm

\*Att 10 dB

1 PK  
VIEW



Date: 18.JUN.2024 15:44:33

Channel:

Mode:

Band Edge:

Channel Frequency:  MHz

Modulation:

Emission Power:  dBm

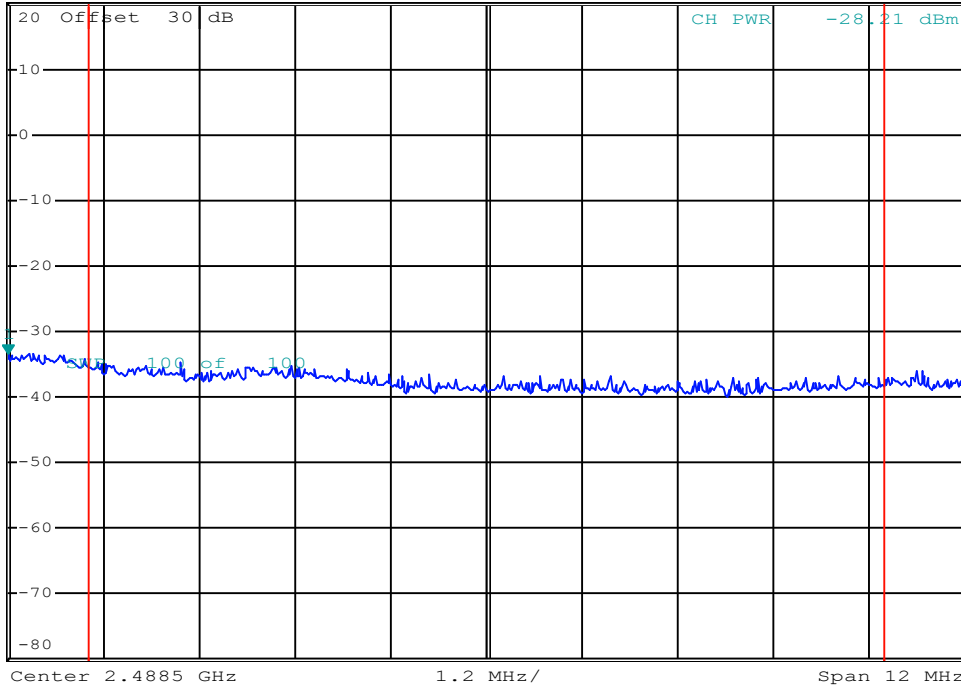
# Band Edge: Upper Band Edge



\*RBW 1 MHz    Marker 1 [T1 ]  
VEW 3 MHz    -33.38 dBm  
SWT 2.5 ms    2.48250000 GHz

Ref 20 dBm    \*Att 10 dB

1 PK  
VIEW



Date: 18.JUN.2024 15:56:23

Channel:

Mode:

Band Edge:

Channel Frequency:  MHz

Modulation:

Emission Power:  dBm

# Band Edge: Upper Band Edge

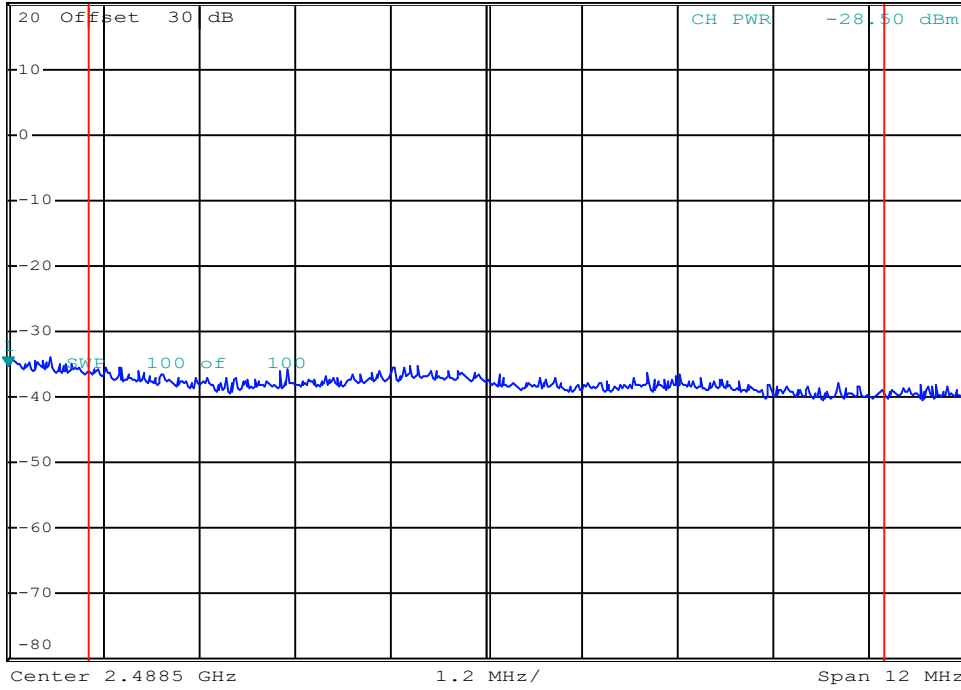


\*RBW 1 MHz    Marker 1 [T1 ]  
VEW 3 MHz    -35.25 dBm  
SWT 2.5 ms    2.482500000 GHz

Ref 20 dBm

\*Att 10 dB

1 PK  
VIEW



Date: 18.JUN.2024 15:49:48

Channel:

Mode:

Band Edge:

Channel Frequency:  MHz

Modulation:

Emission Power:  dBm

# Band Edge: Upper Band Edge

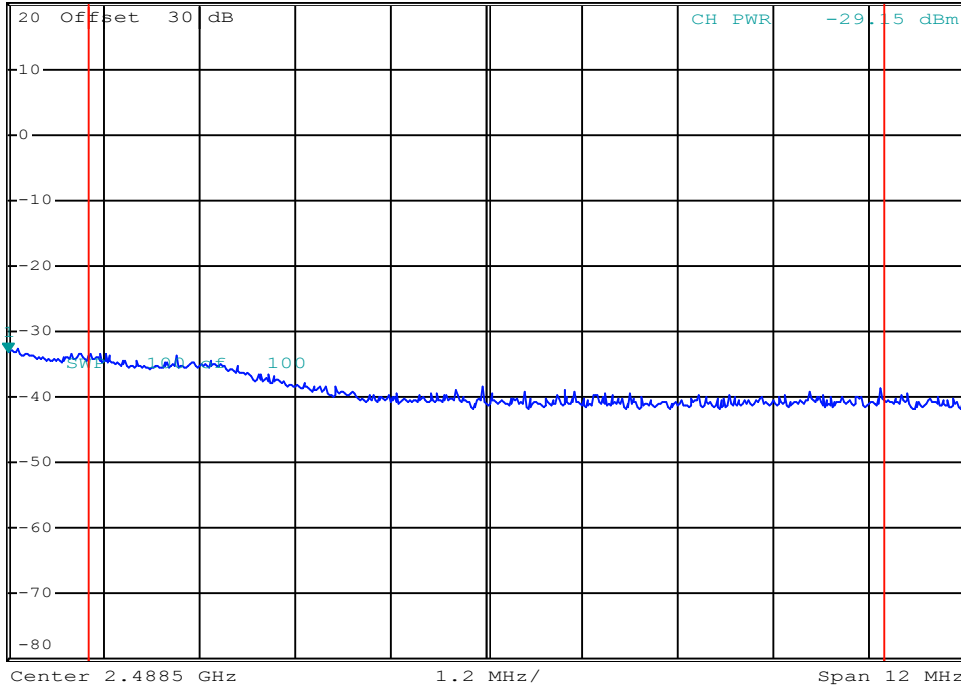


\*RBW 1 MHz    Marker 1 [T1 ]  
VEW 3 MHz    -33.04 dBm  
SWT 2.5 ms    2.482500000 GHz

Ref 20 dBm

\*Att 10 dB

1 PK  
VIEW



Date: 18.JUN.2024 15:52:14

Channel:

Mode:

Band Edge:

Channel Frequency:  MHz

Modulation:

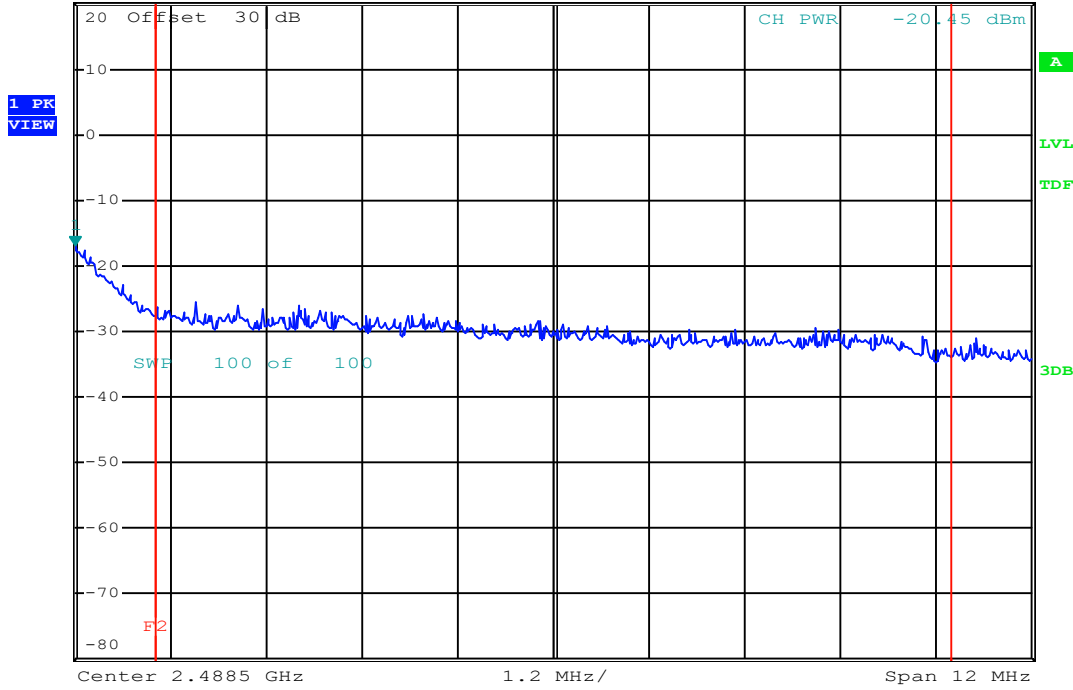
Emission Power:  dBm

# Band Edge: Upper Band Edge



\*RBW 1 MHz    Marker 1 [T1 ]  
VEW 3 MHz    -16.76 dBm  
SWT 2.5 ms    2.482500000 GHz

Ref 20 dBm    \*Att 0 dB



Date: 5.JUL.2024 10:37:34

Channel:

Mode:

Band Edge:

Channel Frequency:  MHz

Modulation:

Emission Power:  dBm

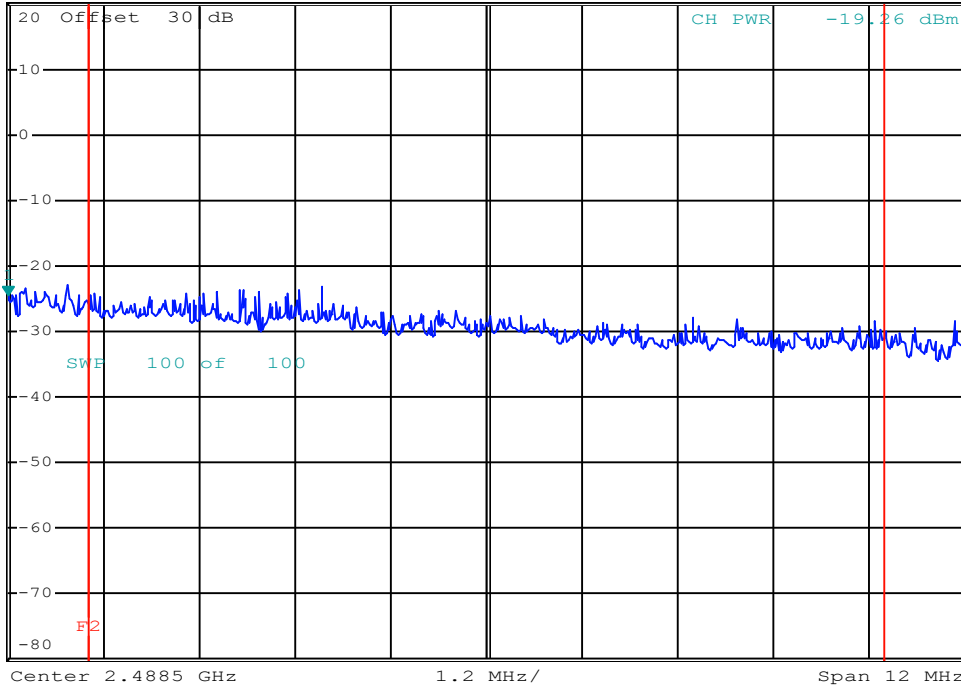
# Band Edge: Upper Band Edge



\*RBW 1 MHz    Marker 1 [T1 ]  
VEW 3 MHz    -24.50 dBm  
SWT 2.5 ms    2.48250000 GHz

Ref 20 dBm    \*Att 0 dB

1 PK  
VIEW



Date: 5.JUL.2024 10:40:51

Channel:

Mode:

Band Edge:

Channel Frequency:  MHz

Modulation:

Emission Power:  dBm

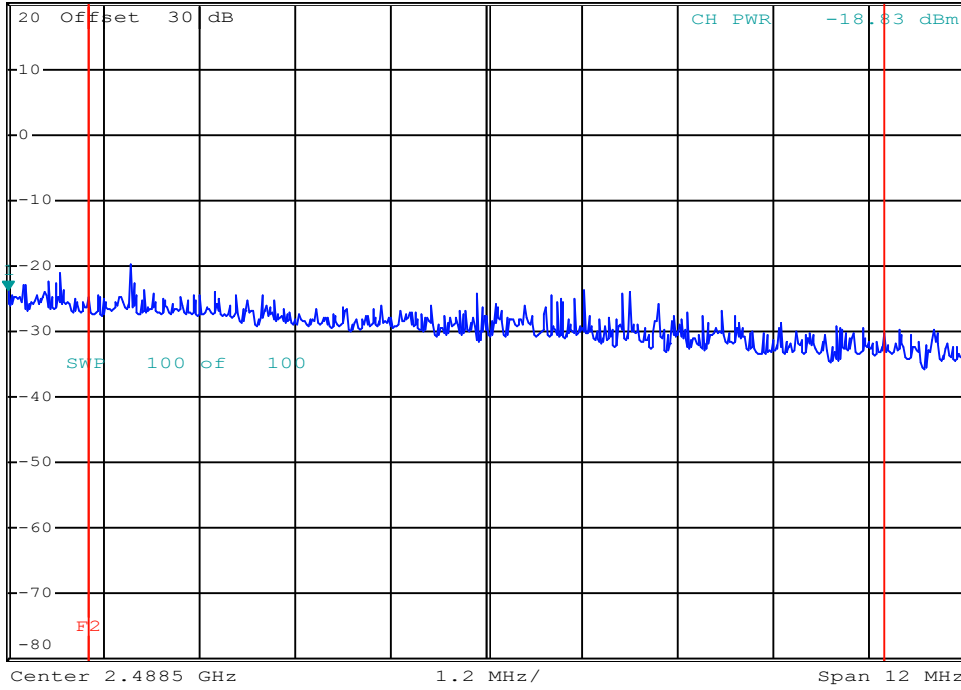
# Band Edge: Upper Band Edge



\*RBW 1 MHz    Marker 1 [T1 ]  
VEW 3 MHz    -23.67 dBm  
SWT 2.5 ms    2.482500000 GHz

Ref 20 dBm    \*Att 0 dB

1 PK  
VIEW



Date: 5.JUL.2024 10:41:41

Channel:

Mode:

Band Edge:

Channel Frequency:  MHz

Modulation:

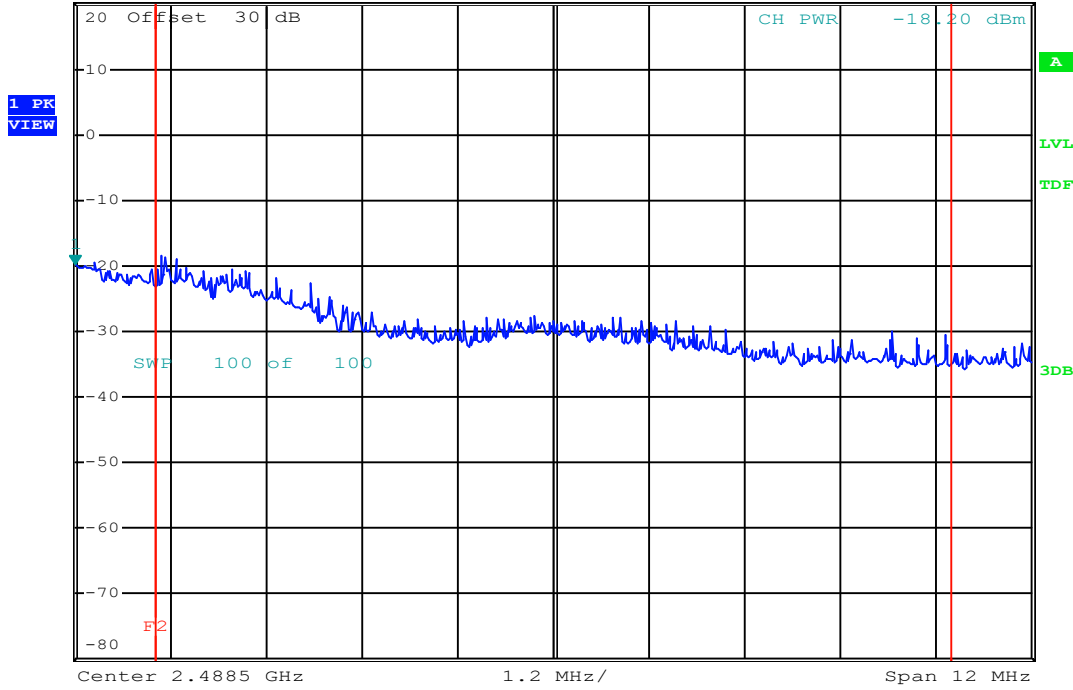
Emission Power:  dBm

# Band Edge: Upper Band Edge



\*RBW 1 MHz    Marker 1 [T1 ]  
 VEW 3 MHz    -19.69 dBm  
 SWT 2.5 ms    2.48250000 GHz

Ref 20 dBm    \*Att 0 dB



Date: 5.JUL.2024 10:42:14

Channel:   
 Mode:   
 Band Edge:

Channel Frequency:  MHz  
 Modulation:   
 Emission Power:  dBm



# Band Edge: Upper Band Edge

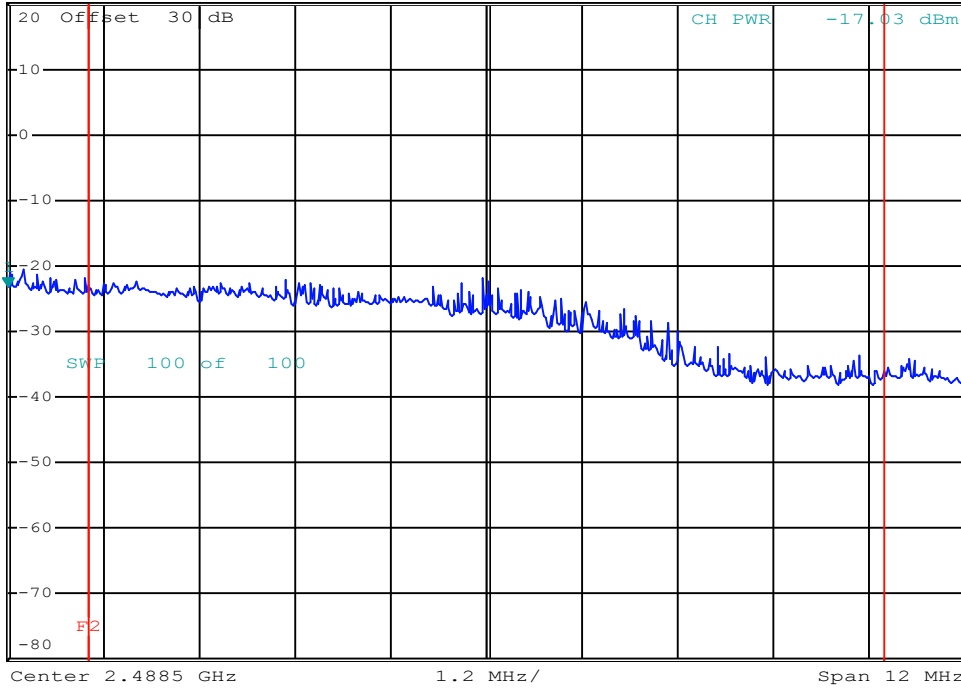


\*RBW 1 MHz    Marker 1 [T1 ]  
 VEW 3 MHz    -23.14 dBm  
 SWT 2.5 ms    2.482500000 GHz

Ref 20 dBm

\*Att 0 dB

1 PK  
VIEW



Date: 5.JUL.2024 10:42:46

Channel:

Mode:

Band Edge:

Channel Frequency:  MHz

Modulation:

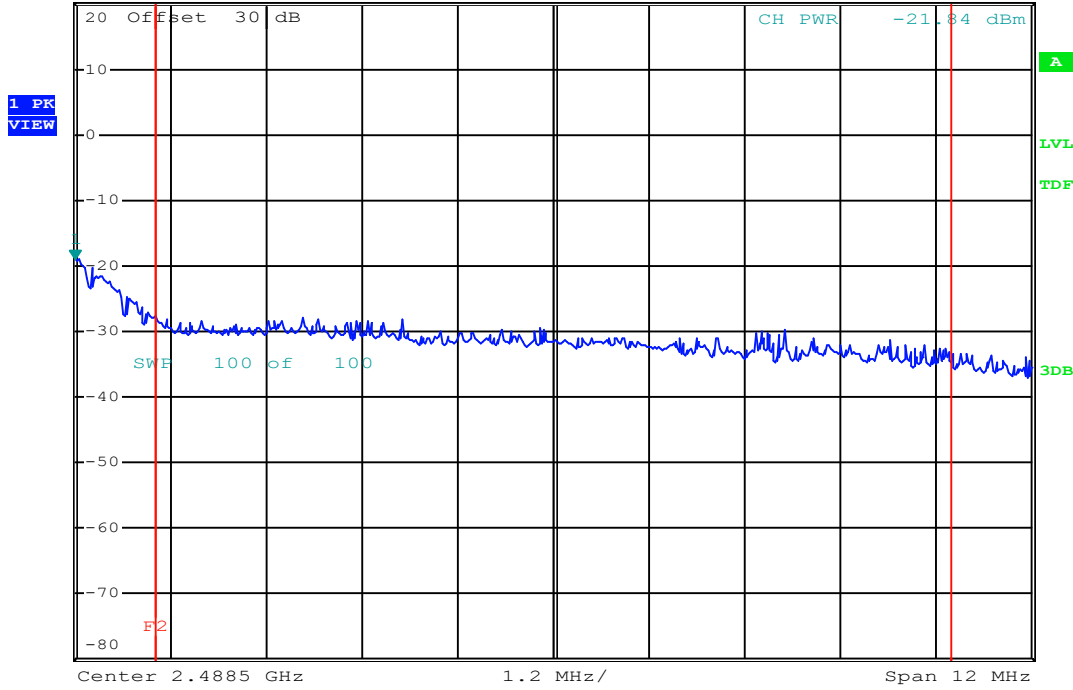
Emission Power:  dBm

# Band Edge: Upper Band Edge



\*RBW 1 MHz    Marker 1 [T1 ]  
 VEW 3 MHz    -18.98 dBm  
 SWT 2.5 ms    2.48250000 GHz

Ref 20 dBm    \*Att 0 dB



Date: 5.JUL.2024 10:43:22

Channel:

Mode:

Band Edge:

Channel Frequency:  MHz

Modulation:

Emission Power:  dBm

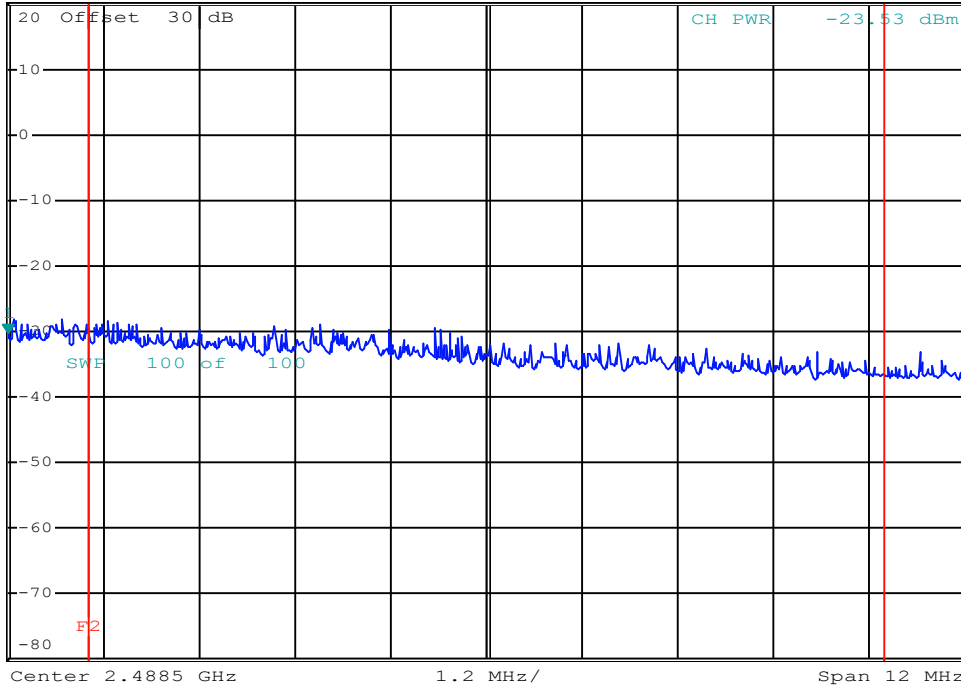
# Band Edge: Upper Band Edge



\*RBW 1 MHz    Marker 1 [T1 ]  
VEW 3 MHz    -30.14 dBm  
SWT 2.5 ms    2.482500000 GHz

Ref 20 dBm    \*Att 0 dB

1 PK  
VIEW



Date: 5.JUL.2024 10:34:48

Channel:

Mode:

Band Edge:

Channel Frequency:  MHz

Modulation:

Emission Power:  dBm

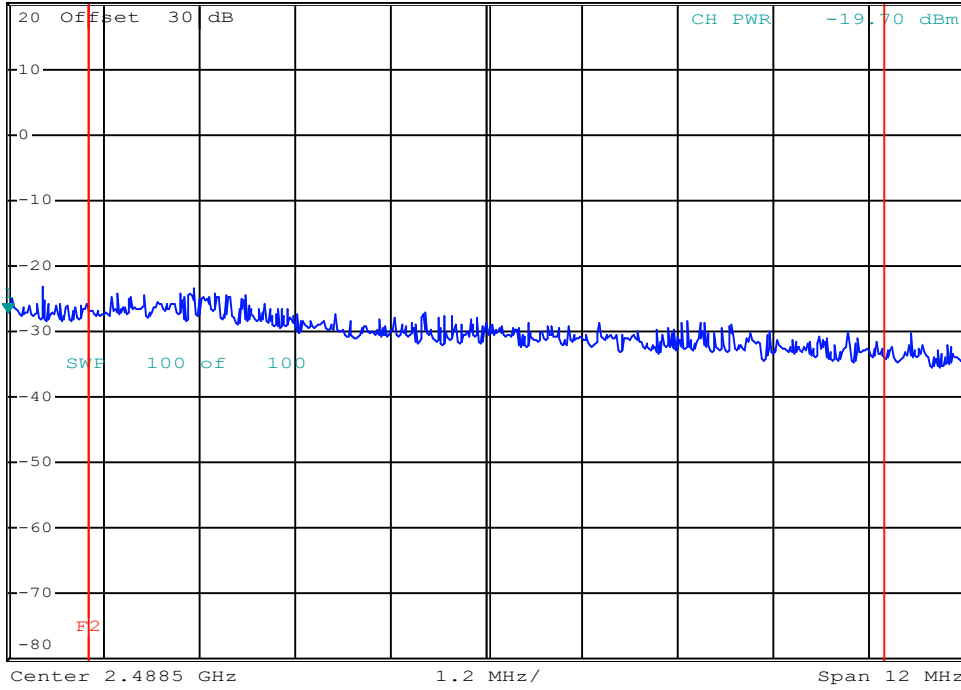
# Band Edge: Upper Band Edge



\*RBW 1 MHz    Marker 1 [T1 ]  
VEW 3 MHz    -27.13 dBm  
SWT 2.5 ms    2.48250000 GHz

Ref 20 dBm    \*Att 0 dB

1 PK  
VIEW



Date: 5.JUL.2024 10:38:10

Channel:

Mode:

Band Edge:

Channel Frequency:  MHz

Modulation:

Emission Power:  dBm

# Band Edge: Upper Band Edge

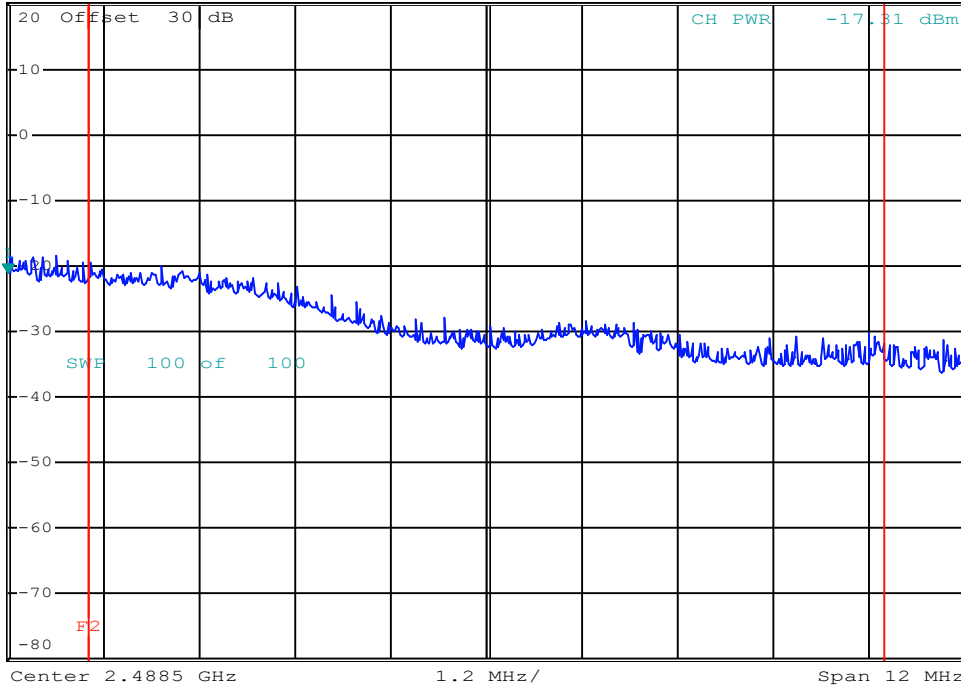


\*RBW 1 MHz    Marker 1 [T1 ]  
 VEW 3 MHz    -20.96 dBm  
 SWT 2.5 ms    2.48250000 GHz

Ref 20 dBm

\*Att 0 dB

1 PK  
VIEW



Date: 5.JUL.2024 10:38:36

Channel:

Mode:

Band Edge:

Channel Frequency:  MHz

Modulation:

Emission Power:  dBm

# Band Edge: Upper Band Edge

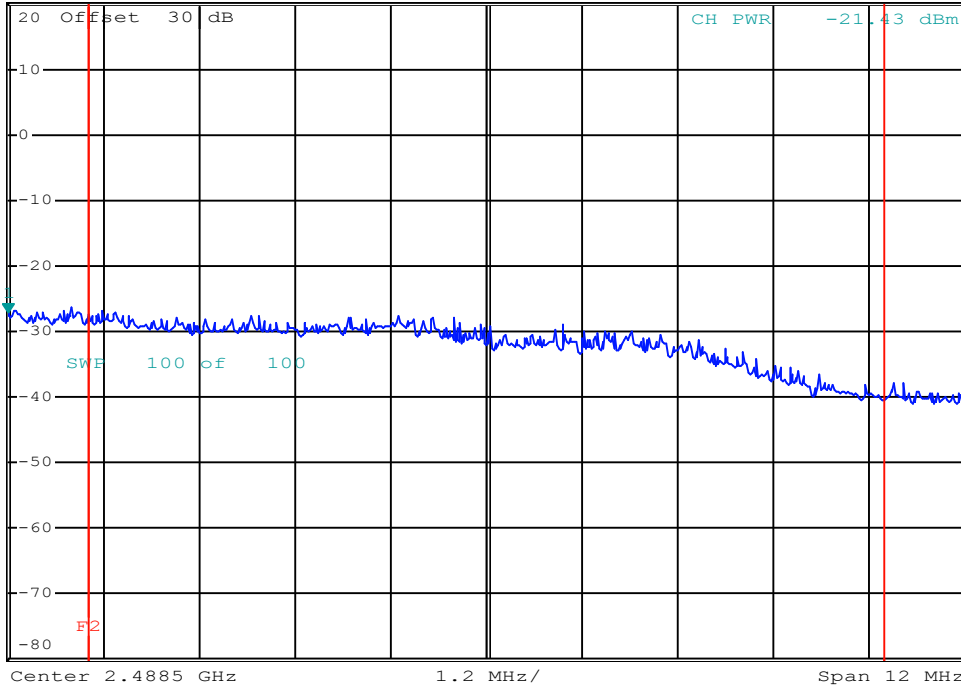


\*RBW 1 MHz    Marker 1 [T1 ]  
VEW 3 MHz    -27.20 dBm  
SWT 2.5 ms    2.48250000 GHz

Ref 20 dBm

\*Att 0 dB

1 PK  
VIEW



Date: 5.JUL.2024 10:36:56

Channel: 12

Mode: 802.11n

Band Edge: Upper

Channel Frequency: 2467 MHz

Modulation: MCS0

Emission Power: -21.43 dBm

# Band Edge: Upper Band Edge

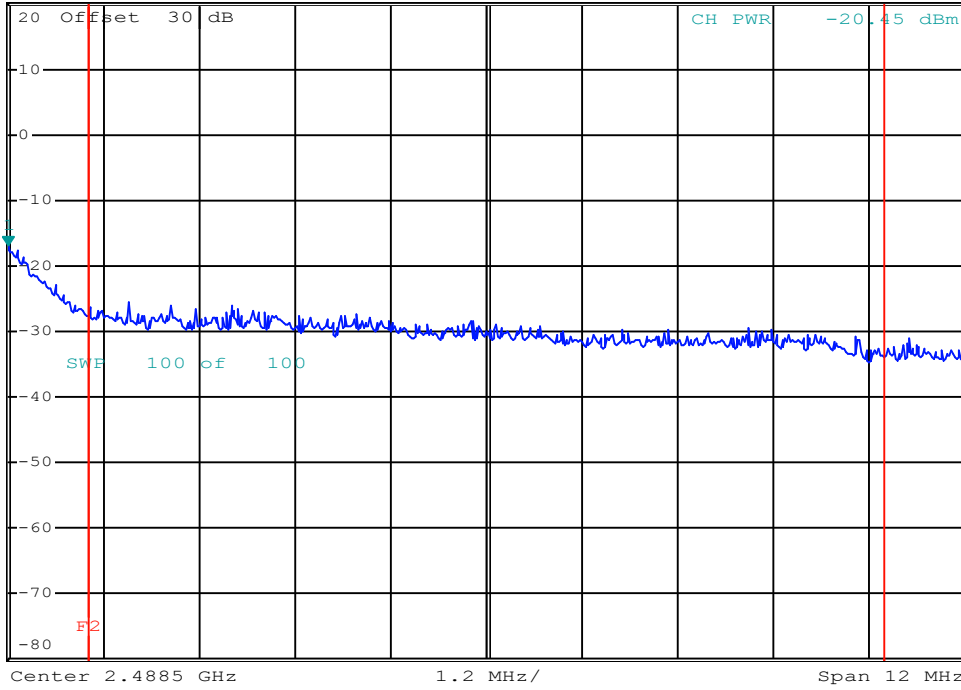


\*RBW 1 MHz    Marker 1 [T1 ]  
VEW 3 MHz    -16.76 dBm  
SWT 2.5 ms    2.482500000 GHz

Ref 20 dBm

\*Att 0 dB

1 PK  
VIEW



Date: 5.JUL.2024 10:37:34

Channel: 13

Mode: 802.11n

Band Edge: Upper

Channel Frequency: 2472 MHz

Modulation: MCS0

Emission Power: -20.45 dBm

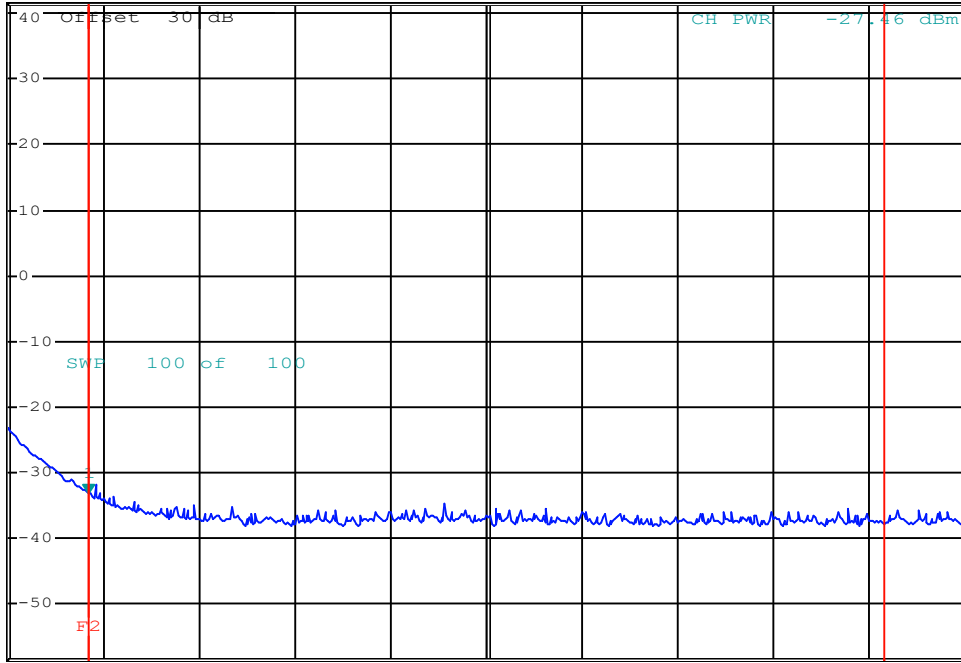
# Band Edge: Upper Band Edge



\*RBW 1 MHz    Marker 1 [T1 ]  
VEW 3 MHz    -33.27 dBm  
SWT 2.5 ms    2.483500000 GHz

Ref 41.5 dBm    \*Att 10 dB

1 PK  
VIEW



Date: 16.JUL.2024 09:10:37

Channel:   
Mode:   
Band Edge:

Channel Frequency:  MHz  
Modulation:   
Emission Power:  dBm

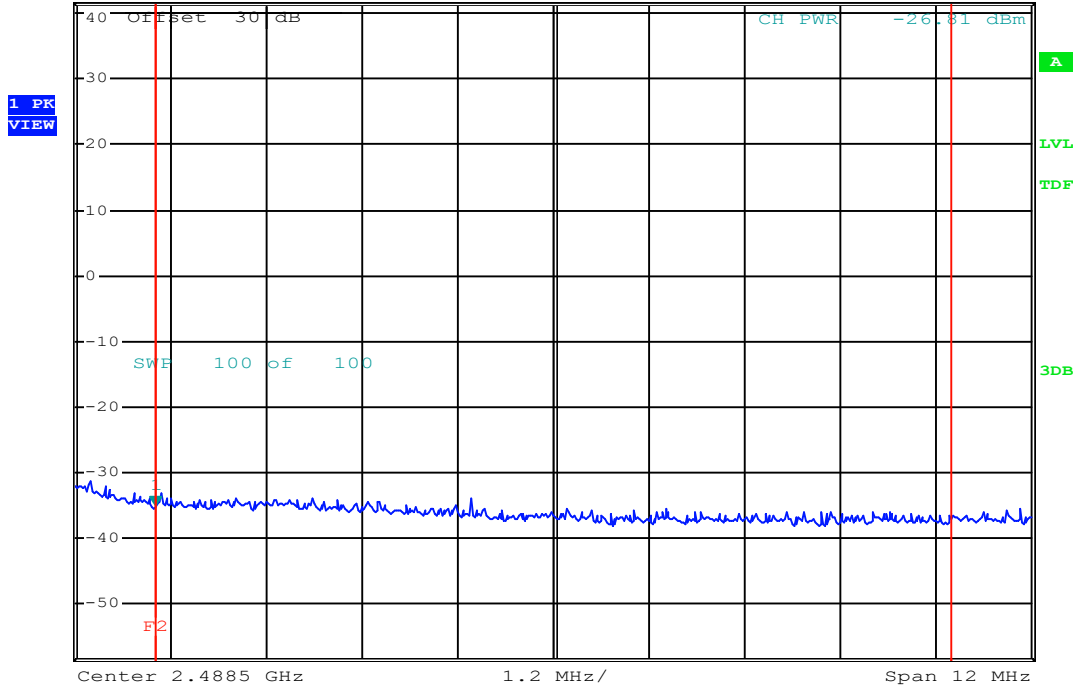


# Band Edge: Upper Band Edge



\*RBW 1 MHz    Marker 1 [T1 ]  
 VEW 3 MHz    -35.12 dBm  
 SWT 2.5 ms    2.483500000 GHz

Ref 41.5 dBm    \*Att 10 dB



Date: 16.JUL.2024 09:53:41

Channel:

Mode:

Band Edge:

Channel Frequency:  MHz

Modulation:

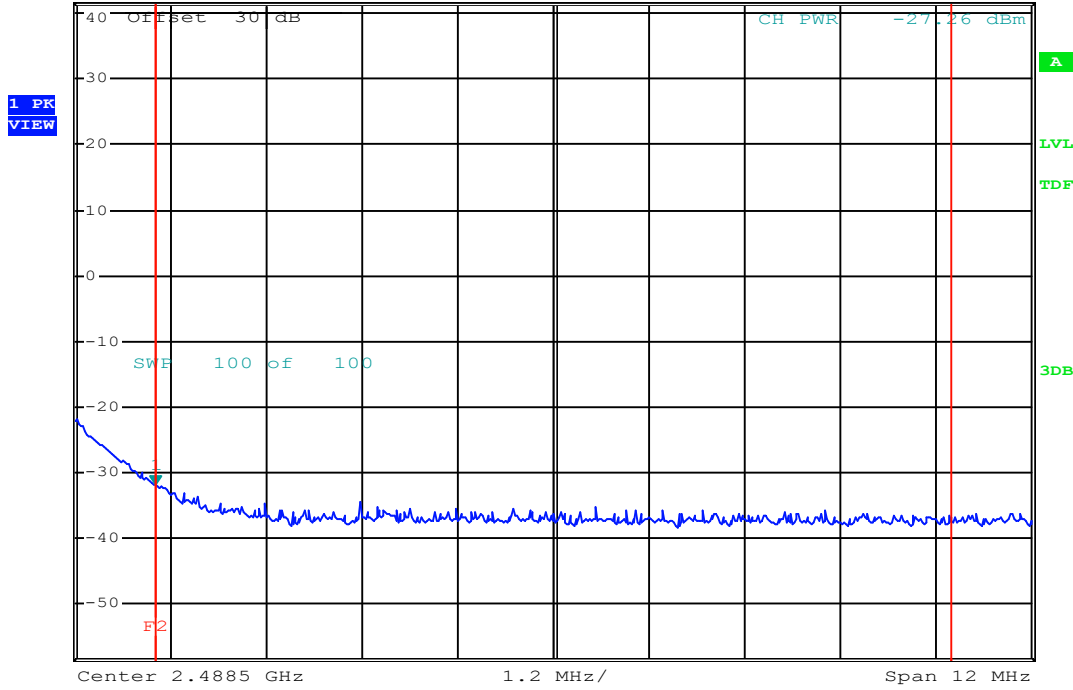
Emission Power:  dBm

# Band Edge: Upper Band Edge



\*RBW 1 MHz    Marker 1 [T1 ]  
VEW 3 MHz    -31.80 dBm  
SWT 2.5 ms    2.483500000 GHz

Ref 41.5 dBm    \*Att 10 dB



Date: 16.JUL.2024 09:54:25

Channel:

Mode:

Band Edge:

Channel Frequency:  MHz

Modulation:

Emission Power:  dBm

**Band Edge Measurement Results: DTS**

Mode	Channel Number	Frequency (MHz)	Modulation	Emission Power [P <sub>Em</sub> ] (dBm)	Fundamental Power [P <sub>Fund</sub> ] (dBm)	Attenuation [Atten] (dB)	Limit (dB)	Margin (dB)	Antenna Gain (dBi)	Emission EIRP [E <sub>Em</sub> ] (dBm)	Fundamental EIRP [E <sub>Fund</sub> ] (dBm)	EIRP Attenuation [Atten] (dB)	Limit (dB)	EIRP Margin (dB)
BT BR	0	2402.00	GFSK	-37.68	10.59	48.27	30	18.3	-5.8	-43.48	4.79	48.27	30	18.3
BT 2EDR			Pi/4-DQPSK	-37.58	10.34	47.92		17.9		-43.38	4.54	47.92		17.9
BT 3EDR			8-DPSK	-37.45	10.16	47.61		17.6		-43.25	4.36	47.61		17.6
<b>Result:</b>													<b>Complies</b>	

Attenuation [Atten] = [P<sub>Fund</sub>] - [P<sub>Em</sub>]

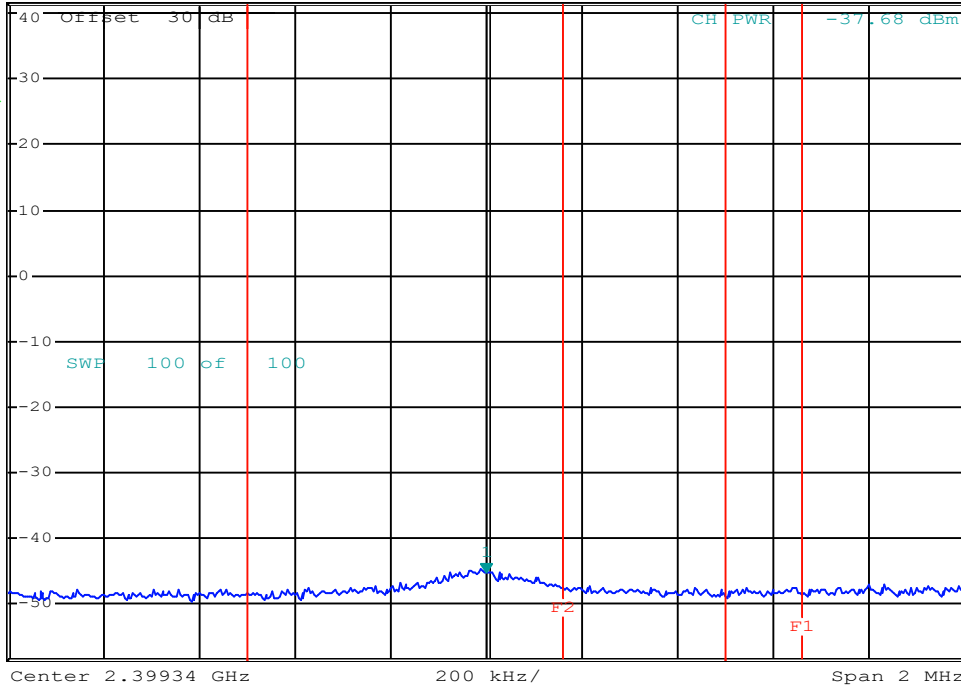
Margin = [Atten] - Limit

# Band Edge: Lower Band Edge



\*RBW 100 kHz Marker 1 [T1 ]  
VEW 1 MHz -45.12 dBm  
SWT 2.5 ms 2.399340000 GHz

Ref 41.5 dBm \*Att 10 dB



Date: 16.JUL.2024 09:03:13

Channel:   
Mode:

Channel Frequency:  MHz  
Modulation:

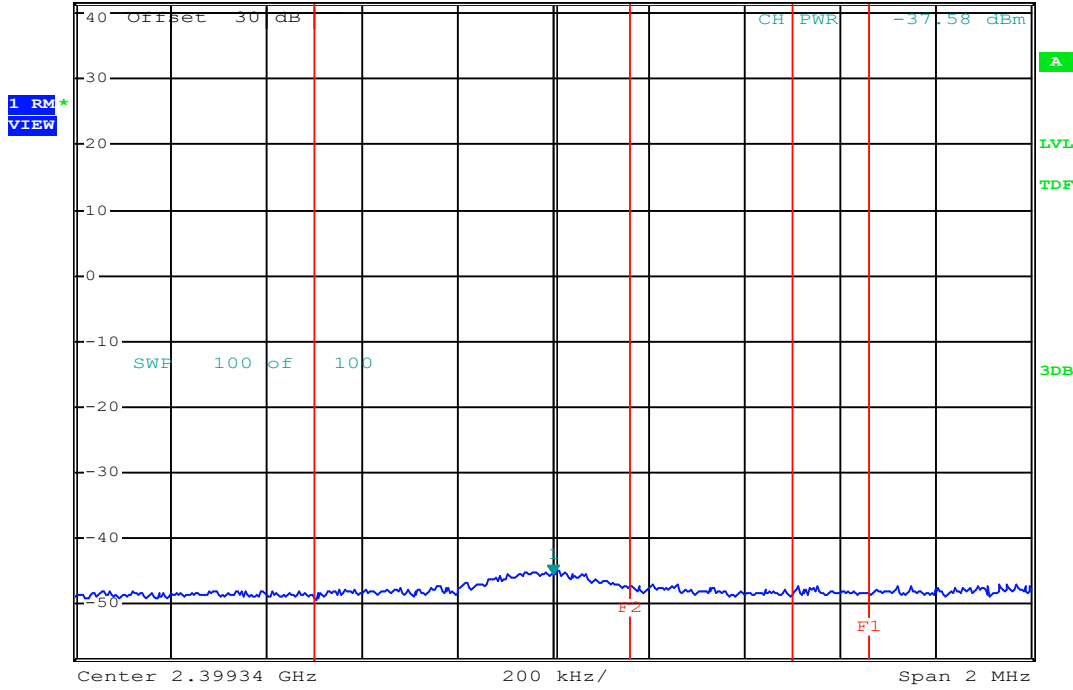
Emission Power:  dBm

# Band Edge: Lower Band Edge



\*RBW 100 kHz Marker 1 [T1 ]  
VEW 1 MHz -45.61 dBm  
SWT 2.5 ms 2.399340000 GHz

Ref 41.5 dBm \*Att 10 dB



Date: 16.JUL.2024 08:56:44

Channel:

Mode:

Channel Frequency:  MHz

Modulation:

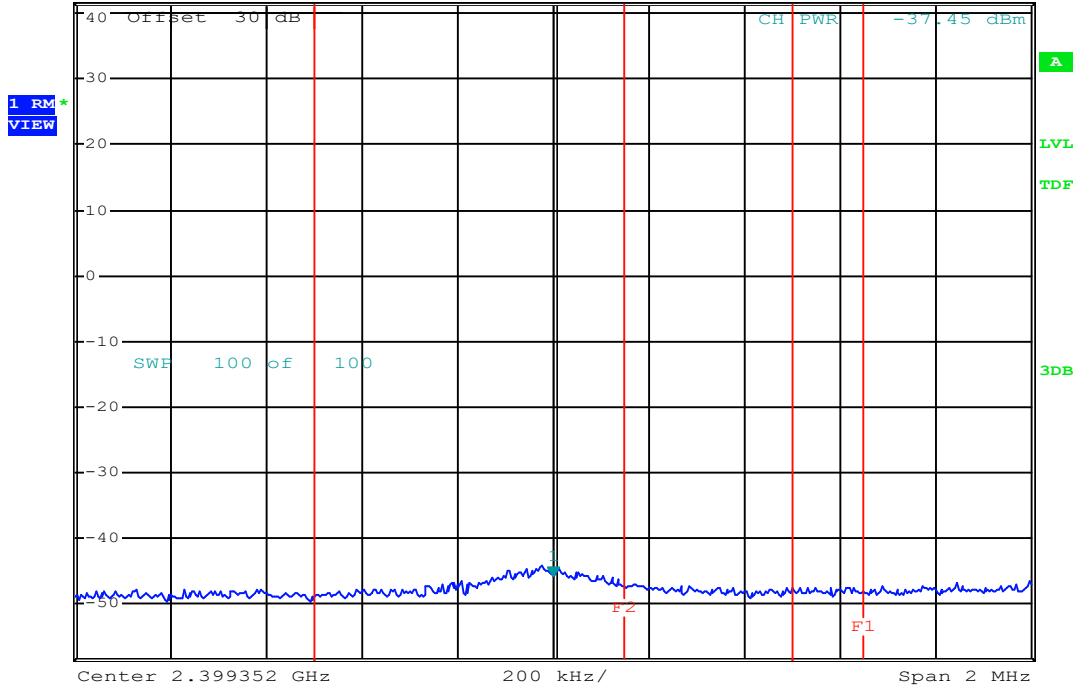
Emission Power:  dBm

# Band Edge: Lower Band Edge



\*RBW 100 kHz Marker 1 [T1 ]  
VEW 1 MHz -45.76 dBm  
SWT 2.5 ms 2.399352000 GHz

Ref 41.5 dBm \*Att 10 dB



Date: 16.JUL.2024 08:58:04

Channel:

Mode:

Channel Frequency:  MHz

Modulation:

Emission Power:  dBm

Band Edge Measurement Results (Restricted Band): DTS									
Mode	Channel Number	Frequency (MHz)	Modulation	Emission Power [P <sub>Em</sub> ] (dBm)	Antenna Gain [G] (dBi)	Emission EIRP [E <sub>Em</sub> ] (dBm)	Field Strength [FS] (dBuV)	Peak Limit (dBuV/m)	Margin (dB)
BT BR	78	2480.00	GFSK	-25.60	-5.8	-31.40	63.90	74	10.1
BT 2EDR			Pi/4-DQPSK	-25.33		-31.13	64.17		9.8
BT 3EDR			8-DPSK	-25.67		-31.47	63.83		10.2
<b>Results</b>								<b>Complies</b>	

Margin = [FS] - Limit

FS = EIRP -20Log(d) +104.8

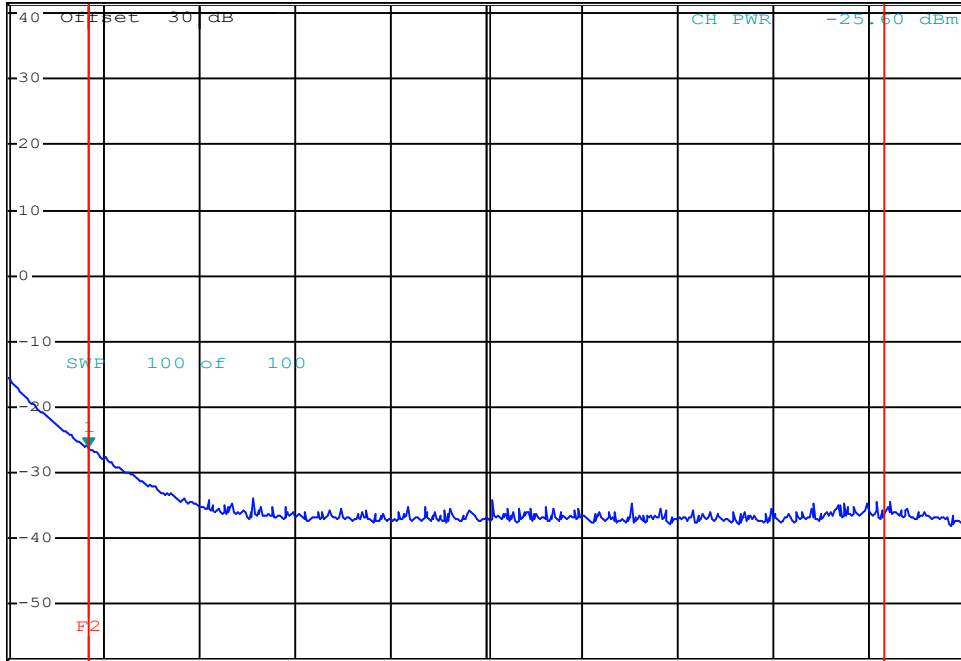
EIRP = Emission Power [P<sub>Em</sub>] + Antenna Gain [G] + Ground Reflection Factor (0)

# Band Edge: Upper Band Edge



\*RBW 1 MHz    Marker 1 [T1 ]  
VEW 3 MHz    -26.13 dBm  
SWT 2.5 ms    2.483500000 GHz

Ref 41.5 dBm    \*Att 10 dB



Date: 16.JUL.2024 09:08:35

Channel:   
Mode:

Channel Frequency:  MHz  
Modulation:

Emission Power:  dBm

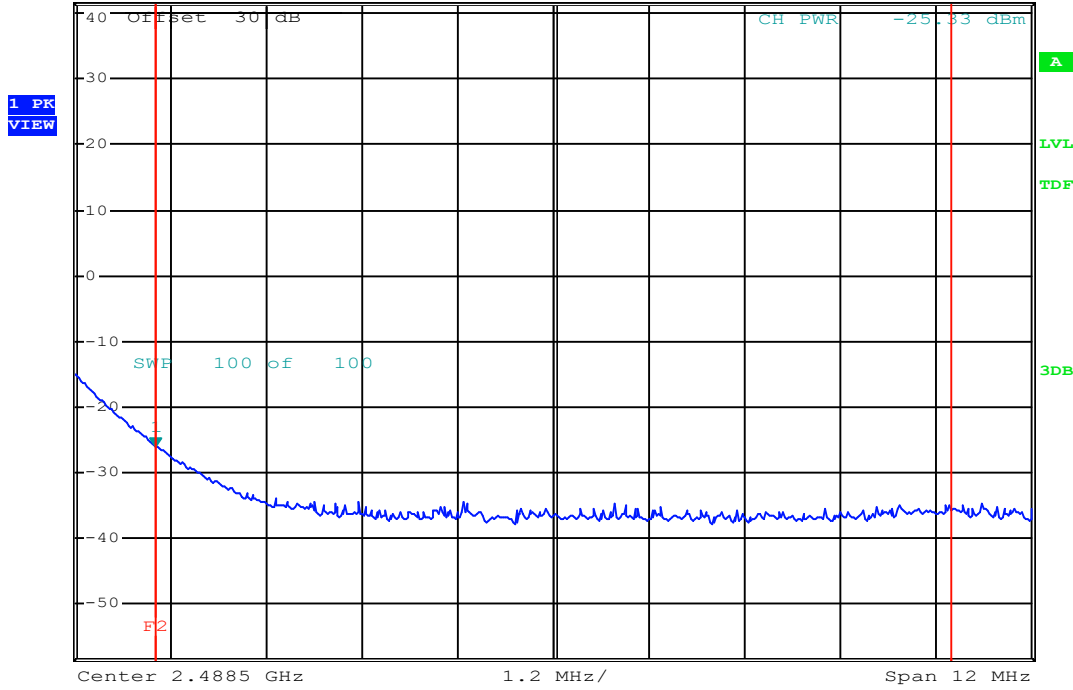


# Band Edge: Upper Band Edge



\*RBW 1 MHz    Marker 1 [T1 ]  
VEW 3 MHz    -25.98 dBm  
SWT 2.5 ms    2.483500000 GHz

Ref 41.5 dBm    \*Att 10 dB



Date: 16.JUL.2024 09:09:19

Channel:

Mode:

Channel Frequency:  MHz

Modulation:

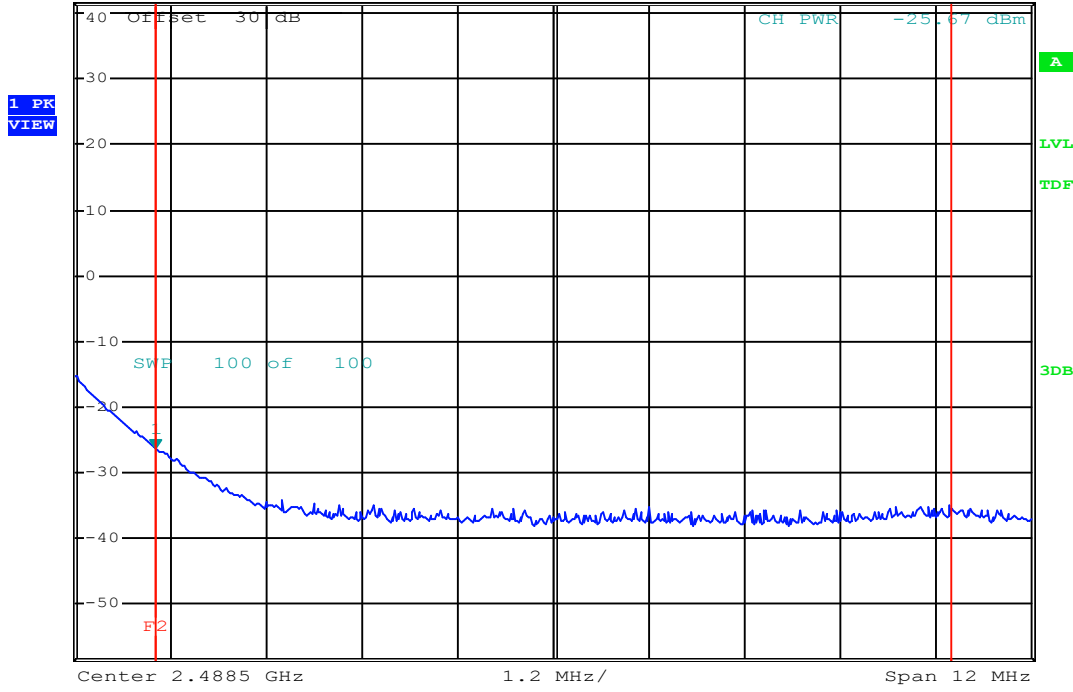
Emission Power:  dBm

# Band Edge: Upper Band Edge



\*RBW 1 MHz    Marker 1 [T1 ]  
VEW 3 MHz    -26.35 dBm  
SWT 2.5 ms    2.483500000 GHz

Ref 41.5 dBm    \*Att 10 dB



Date: 16.JUL.2024 09:09:48

Channel:

Mode:

Channel Frequency:  MHz

Modulation:

Emission Power:  dBm