

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

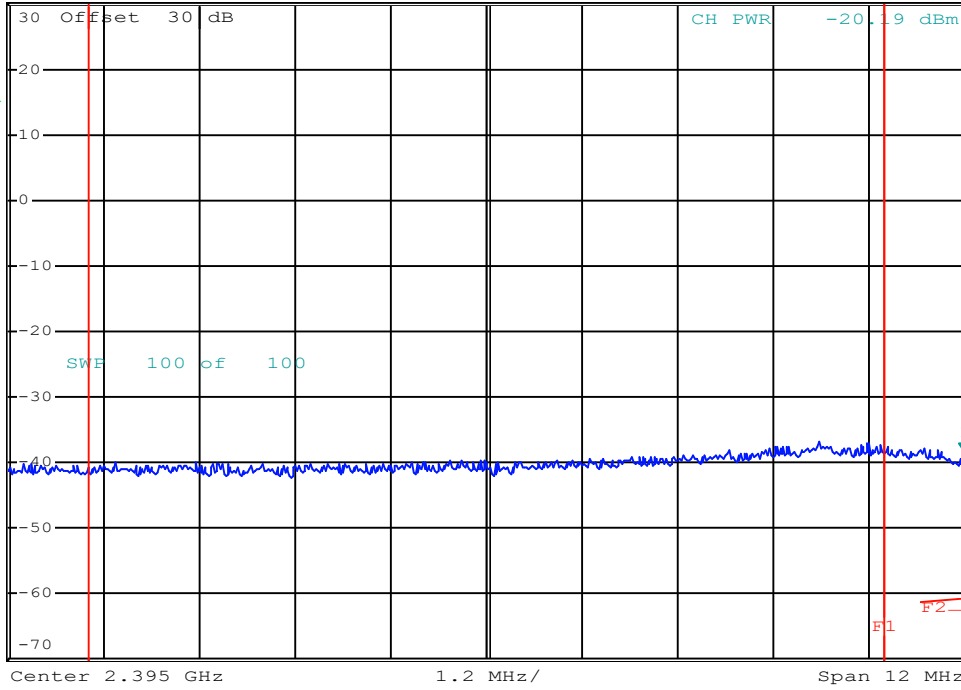


*RBW 100 kHz Marker 1 [T1]
VEW 300 kHz -38.46 dBm
SWT 2.5 ms 2.401000000 GHz

Ref 30 dBm

*Att 30 dB

1 PK*
VIEW



Date: 15.APR.2024 15:32:37

Channel: 1

Mode: 802.11b

Channel Frequency: 2412 MHz

Modulation: DSSS 5.5

Emission Power: -20.19 dBm

Band Edge: Upper Band Edge

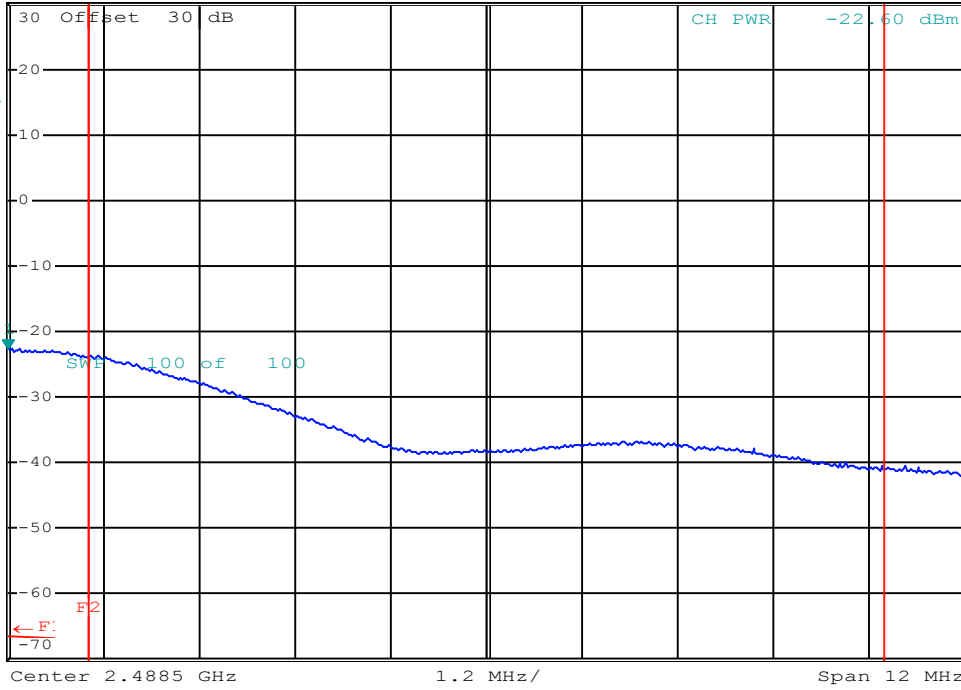


*RBW 1 MHz Marker 1 [T1]
 VBW 3 MHz -22.75 dBm
 SWT 2.5 ms 2.482500000 GHz

Ref 30 dBm

*Att 10 dB

1 PK*
 VIEW



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

Channel:

Mode:

Channel Frequency: MHz

Modulation:

Emission Power: dBm

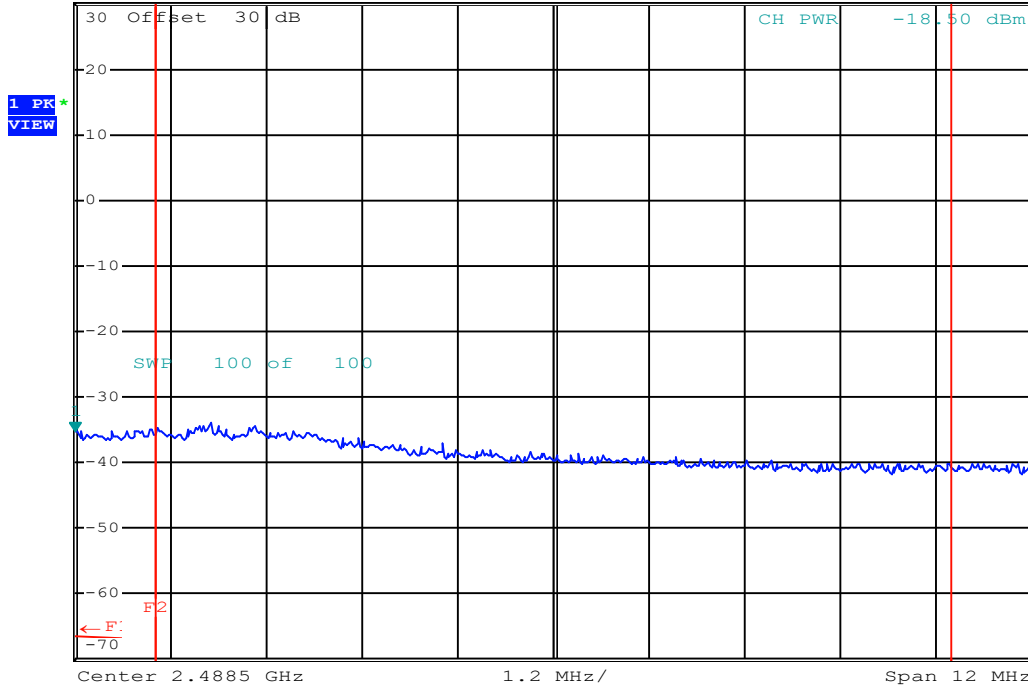
Band Edge: Upper Band Edge



*RBW 100 kHz Marker 1 [T1]
VEW 300 kHz -35.13 dBm
SWT 2.5 ms 2.48250000 GHz

Ref 30 dBm

*Att 30 dB



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

Channel:

Mode:

Channel Frequency: MHz

Modulation:

Emission Power: dBm

Band Edge: Lower Band Edge

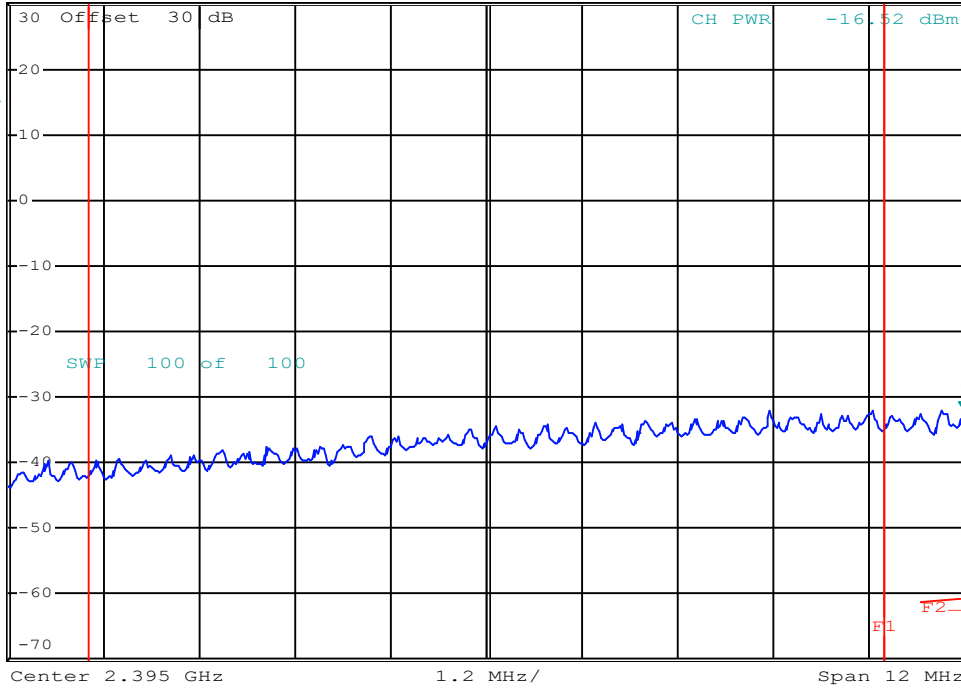


*RBW 100 kHz Marker 1 [T1]
VEW 1 MHz -31.98 dBm
SWT 2.5 ms 2.401000000 GHz

Ref 30 dBm

*Att 10 dB

1 RM*
VIEW



Date: 15.APR.2024 17:00:20

Channel:

Mode:

Channel Frequency: MHz

Modulation:

Emission Power: dBm

Band Edge: Upper Band Edge

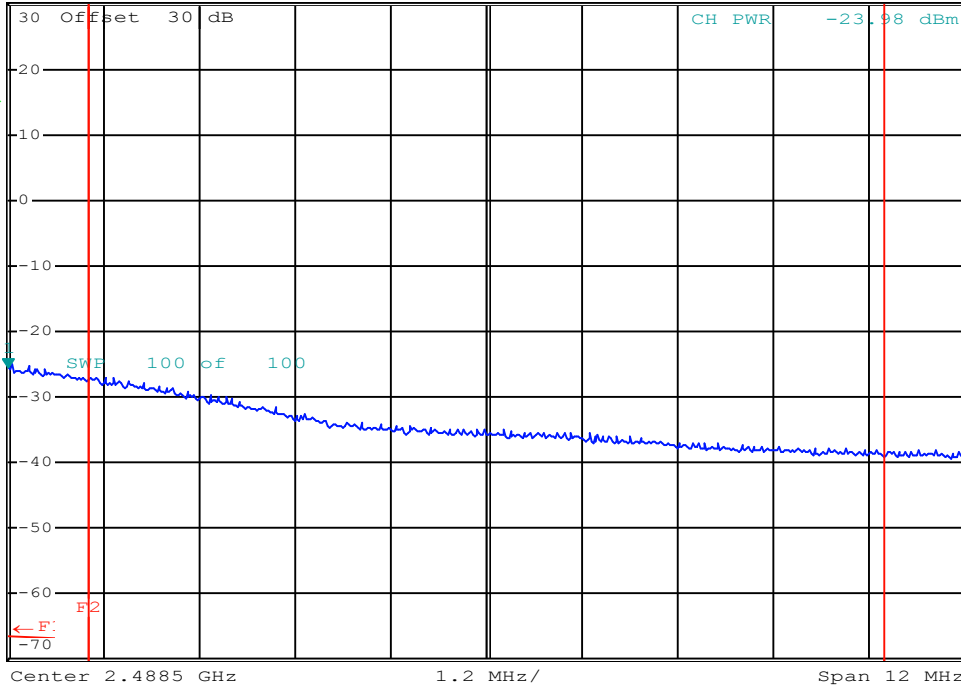


*RBW 1 MHz Marker 1 [T1]
 VBW 3 MHz -25.41 dBm
 SWT 2.5 ms 2.482500000 GHz

Ref 30 dBm

*Att 10 dB

1 PK*
 VIEW



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

Channel:
 Mode:

Channel Frequency: MHz
 Modulation:
 Emission Power: dBm

Band Edge: Upper Band Edge

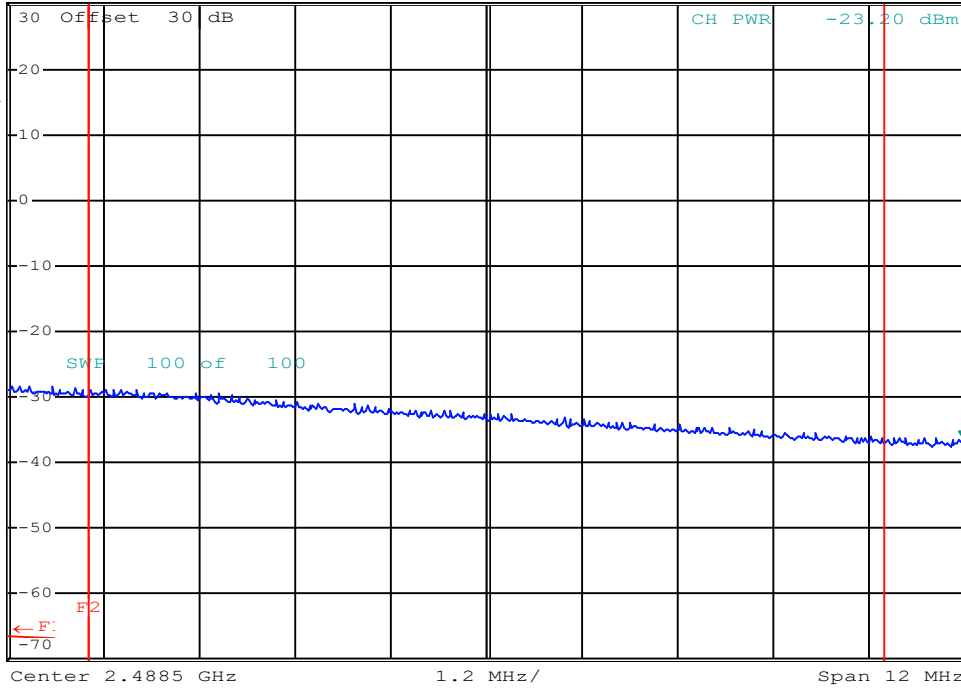


*RBW 1 MHz Marker 1 [T1]
VBW 3 MHz -36.47 dBm
SWT 2.5 ms 2.494500000 GHz

Ref 30 dBm

*Att 10 dB

1 PK*
VIEW



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

Channel:

Mode:

Channel Frequency: MHz

Modulation:

Emission Power: dBm

Band Edge: Upper Band Edge

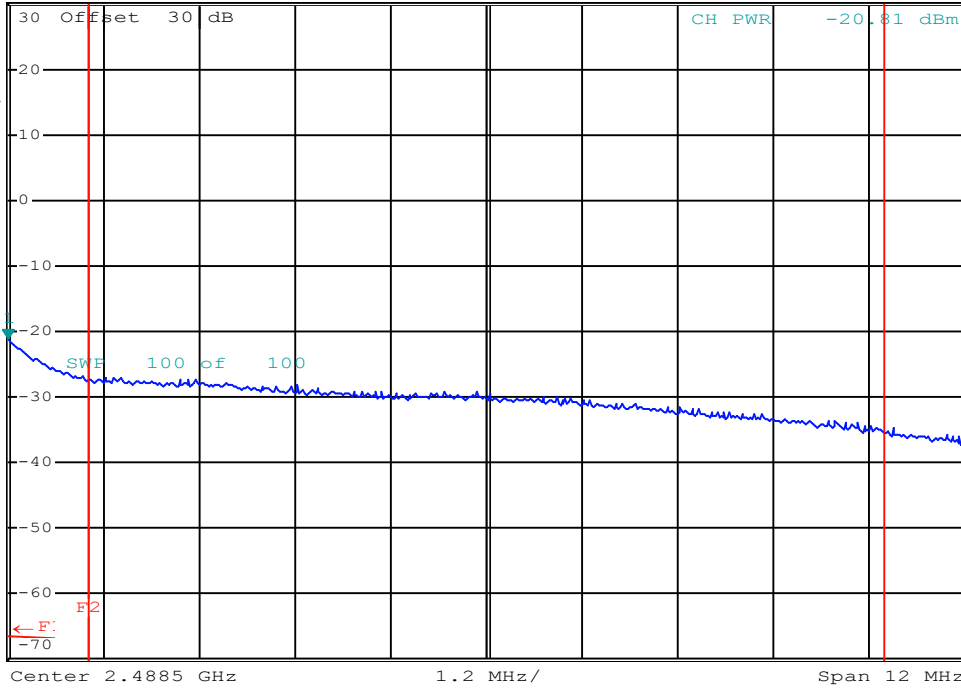


*RBW 1 MHz Marker 1 [T1]
 VBW 3 MHz -21.14 dBm
 SWT 2.5 ms 2.482500000 GHz

Ref 30 dBm

*Att 10 dB

1 PK*
 VIEW



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

Channel:

Mode:

Channel Frequency: MHz

Modulation:

Emission Power: dBm

Band Edge: Lower Band Edge

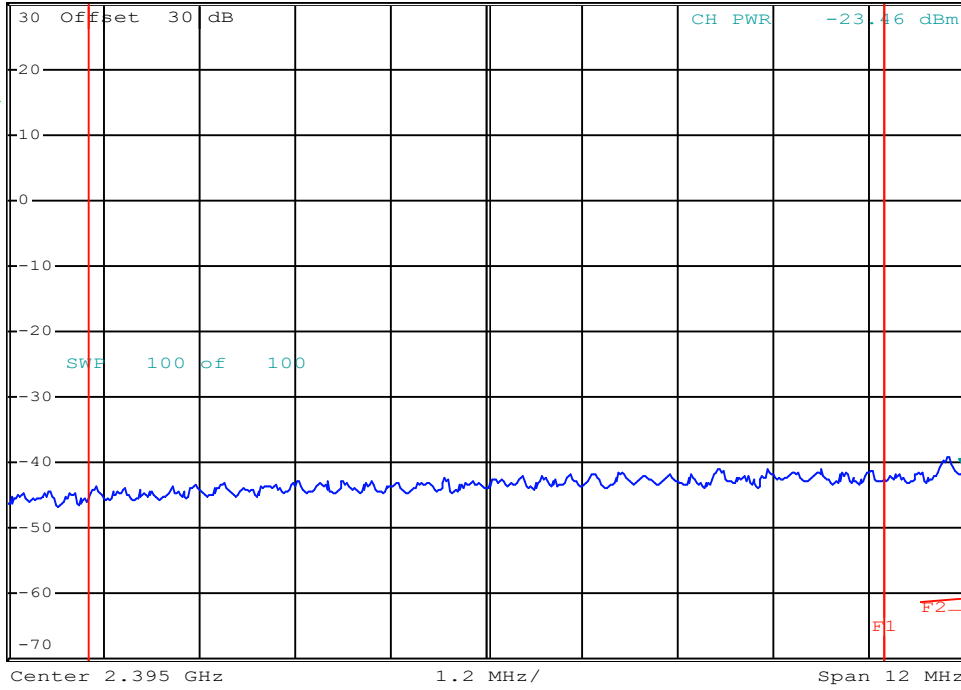


*RBW 100 kHz Marker 1 [T1]
VEW 1 MHz -40.85 dBm
SWT 2.5 ms 2.401000000 GHz

Ref 30 dBm

*Att 10 dB

1 RM*
VIEW



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

Channel:

Mode:

Channel Frequency: MHz

Modulation:

Emission Power: dBm

Band Edge: Upper Band Edge

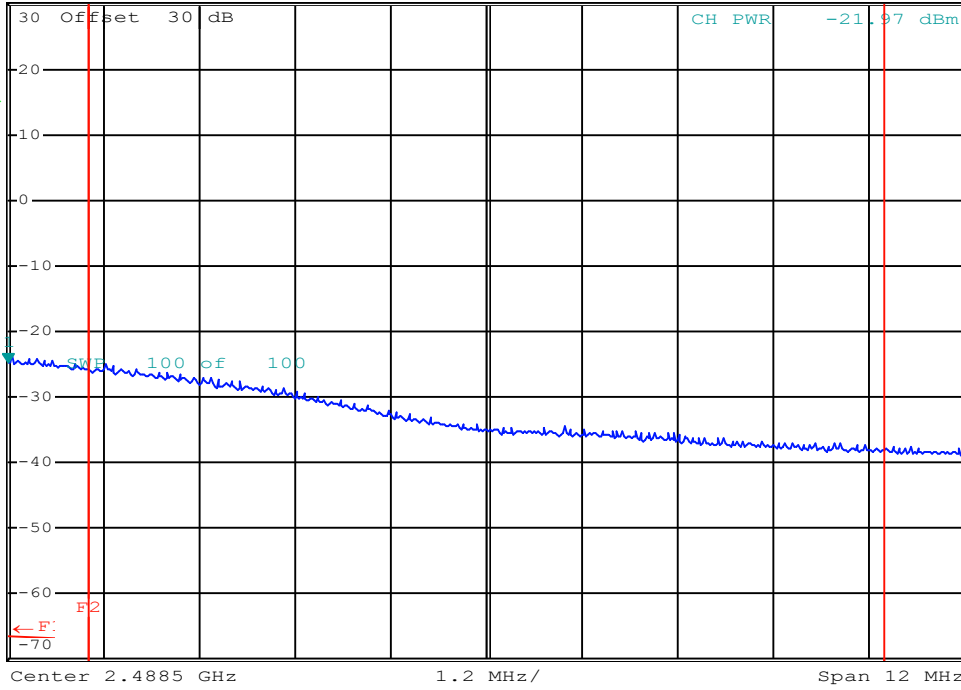


*RBW 1 MHz Marker 1 [T1]
 VBW 3 MHz -24.82 dBm
 SWT 2.5 ms 2.48250000 GHz

Ref 30 dBm

*Att 10 dB

1 PK*
 VIEW



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

Channel:

Mode:

Channel Frequency: MHz

Modulation:

Emission Power: dBm

Band Edge: Upper Band Edge

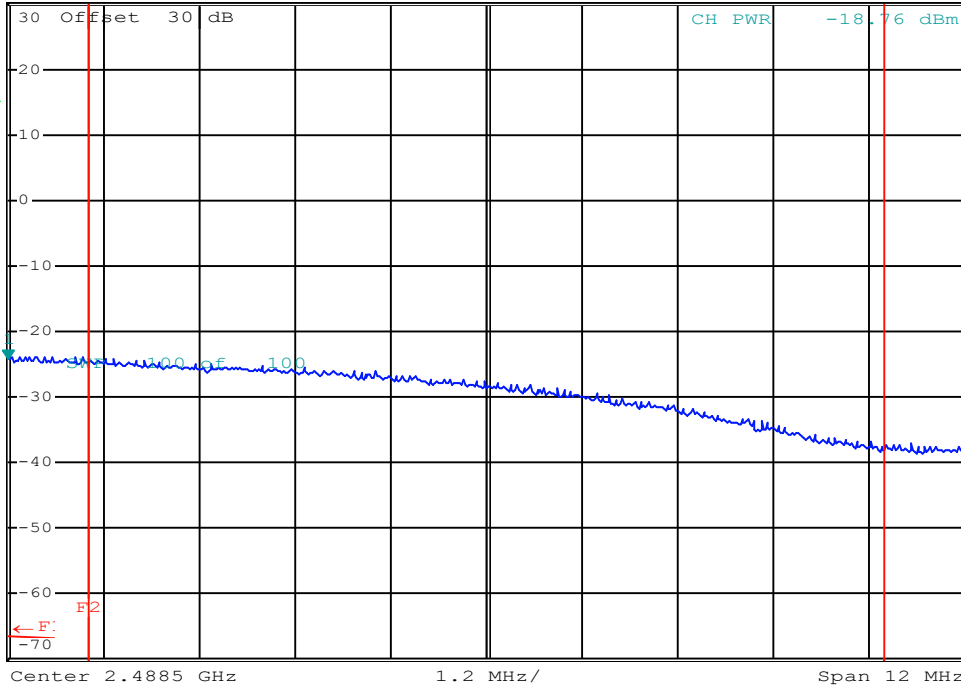


*RBW 1 MHz Marker 1 [T1]
VEW 3 MHz -24.13 dBm
SWT 2.5 ms 2.48250000 GHz

Ref 30 dBm

*Att 10 dB

1 PK*
VIEW



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

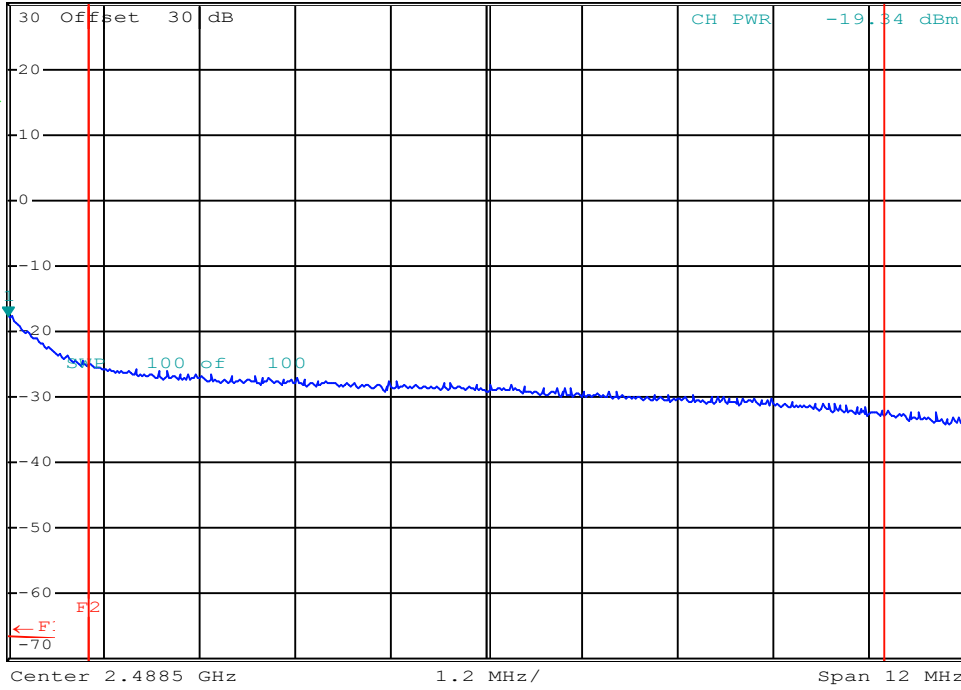


*RBW 1 MHz Marker 1 [T1]
VEW 3 MHz -17.69 dBm
SWT 2.5 ms 2.482500000 GHz

Ref 30 dBm

*Att 10 dB

1 PK*
VIEW



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

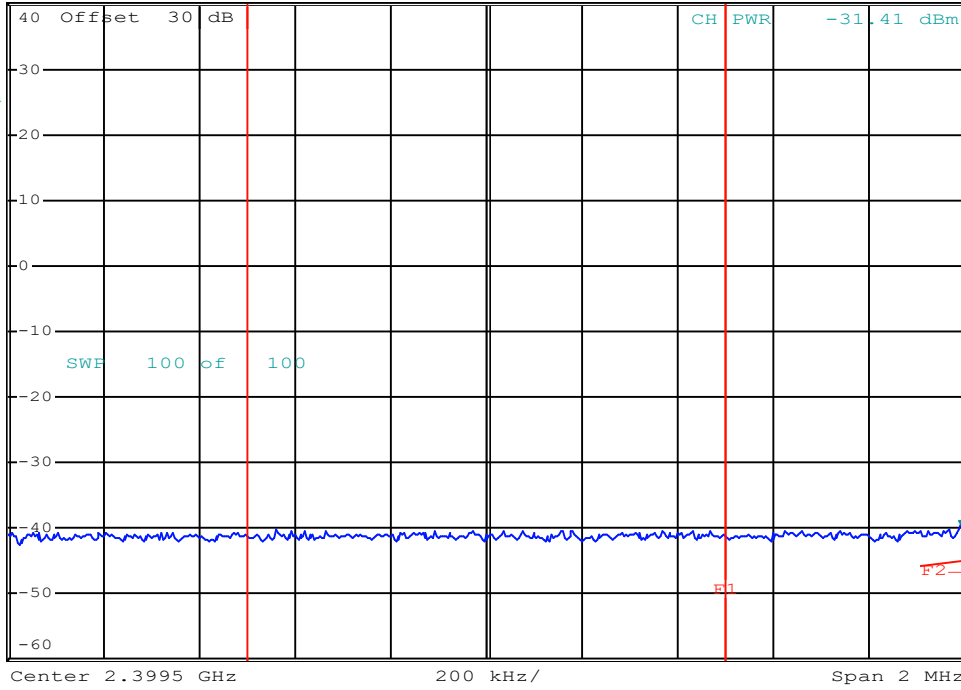


*RBW 100 kHz Marker 1 [T1]
VBW 1 MHz -40.29 dBm
SWT 2.5 ms 2.400500000 GHz

Ref 40 dBm

*Att 20 dB

1 RM*
VIEW



Date: 12.JUN.2024 13:48:36

Channel:

Mode:

Channel Frequency: MHz

Modulation:

Emission Power: dBm

Band Edge: Upper Band Edge

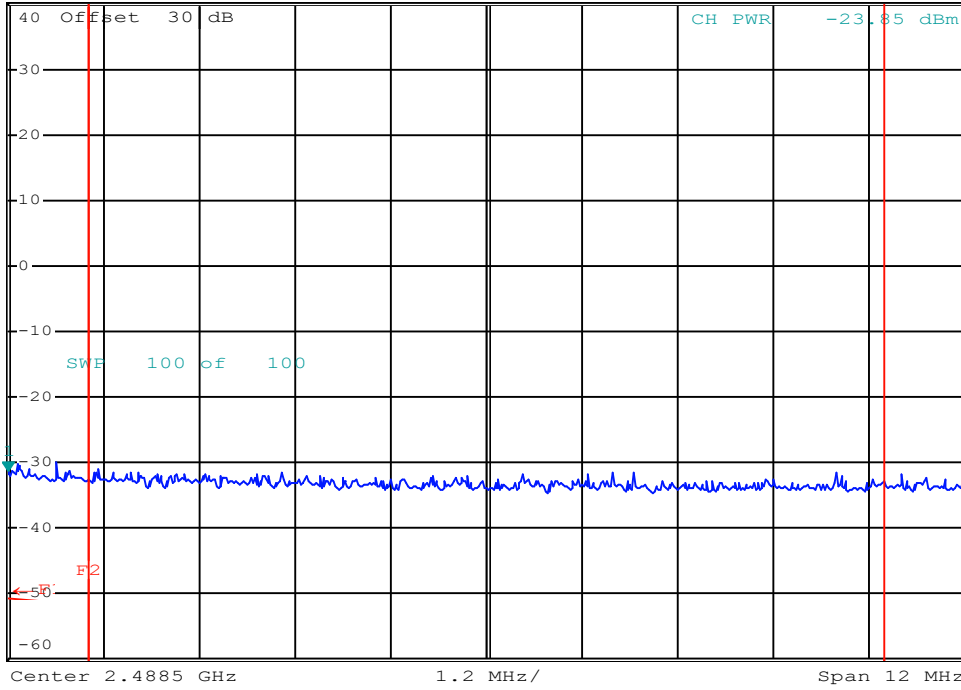


*RBW 1 MHz Marker 1 [T1]
VEW 3 MHz -31.21 dBm
SWT 2.5 ms 2.482500000 GHz

Ref 40 dBm

*Att 20 dB

1 PK
VIEW



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

Channel:

Mode:

Channel Frequency: MHz

Modulation:

Emission Power: dBm

Band Edge: Lower Band Edge

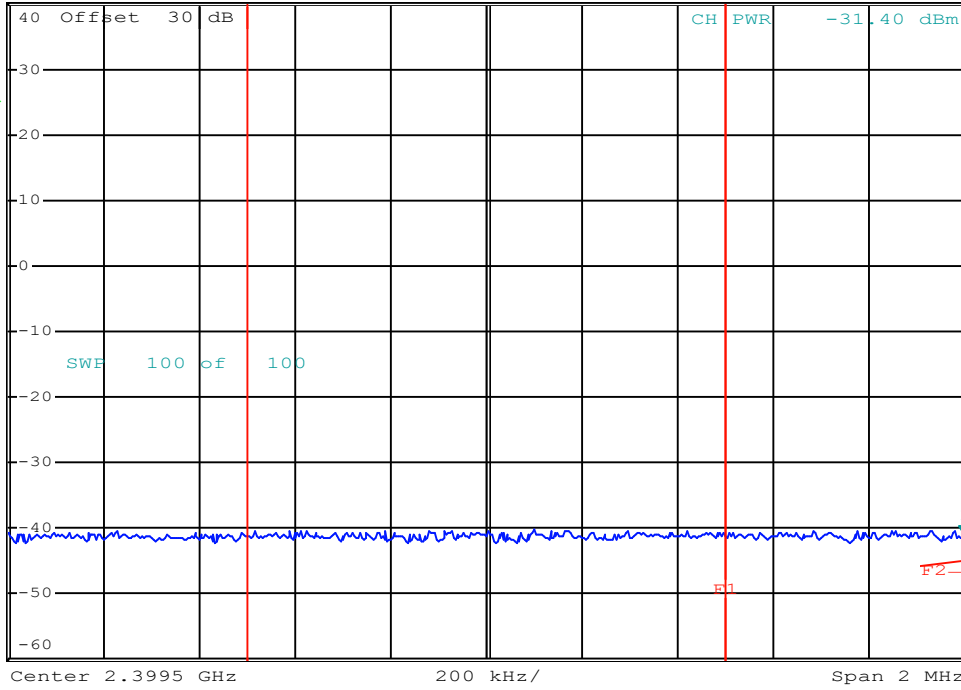


*RBW 100 kHz Marker 1 [T1]
VEW 1 MHz -41.05 dBm
SWT 2.5 ms 2.400500000 GHz

Ref 40 dBm

*Att 20 dB

1 RM*
VIEW



Date: 12.JUN.2024 13:49:14

Channel:

Mode:

Channel Frequency: MHz

Modulation:

Emission Power: dBm

Band Edge: Upper Band Edge

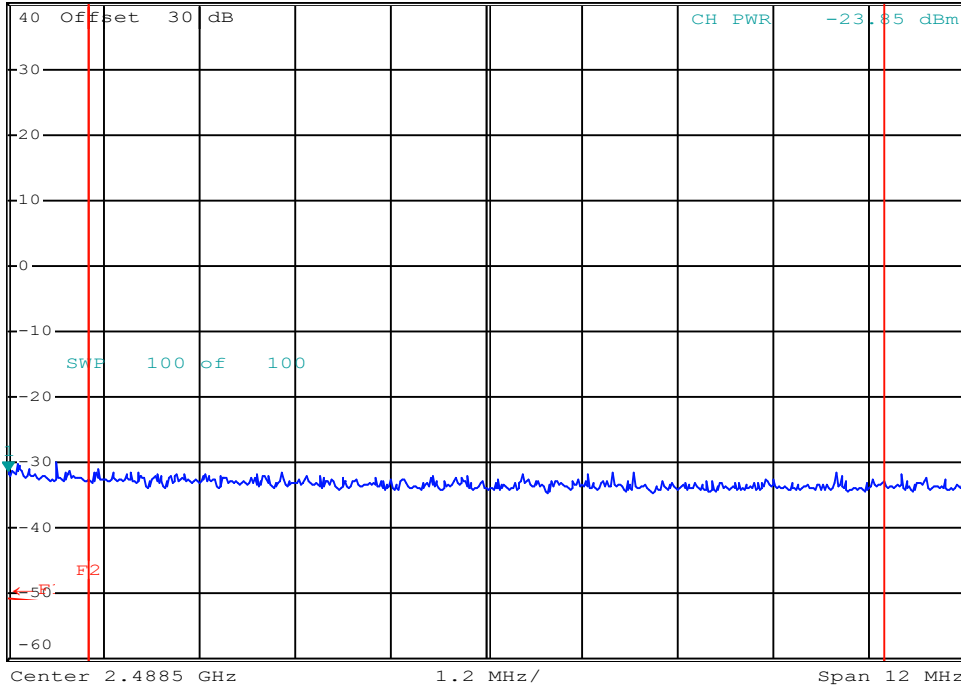


*RBW 1 MHz Marker 1 [T1]
VEW 3 MHz -31.21 dBm
SWT 2.5 ms 2.482500000 GHz

Ref 40 dBm

*Att 20 dB

1 PK
VIEW



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

Channel:

Mode:

Channel Frequency: MHz

Modulation:

Emission Power: dBm

Band Edge: Lower Band Edge

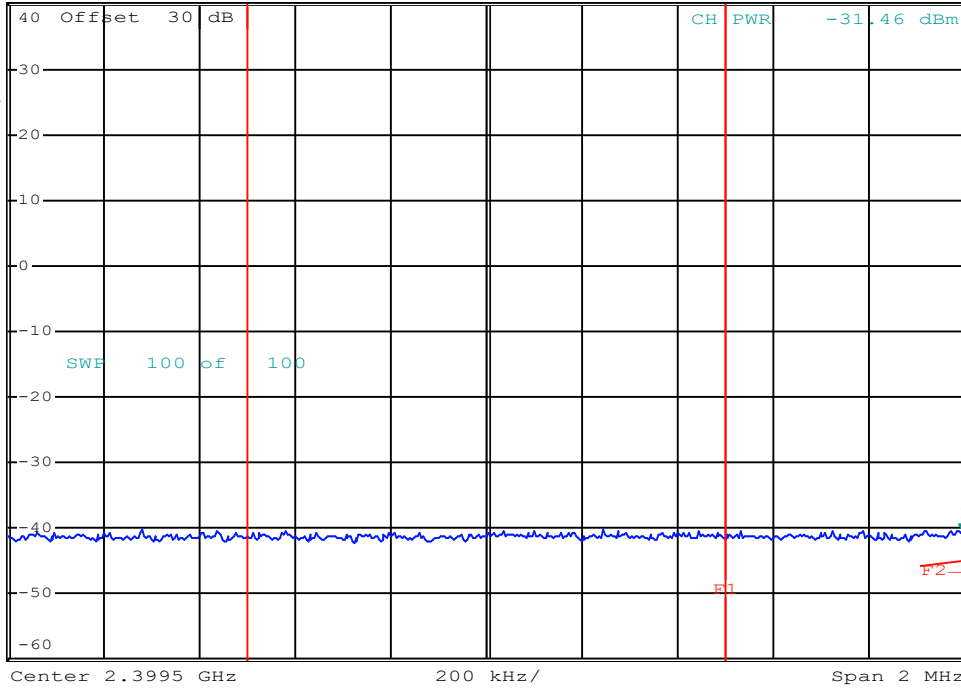


*RBW 100 kHz Marker 1 [T1]
VBW 1 MHz -40.82 dBm
SWT 2.5 ms 2.400500000 GHz

Ref 40 dBm

*Att 20 dB

1 RM*
VIEW



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

Channel:

Mode:

Channel Frequency: MHz

Modulation:

Emission Power: dBm

Band Edge: Upper Band Edge

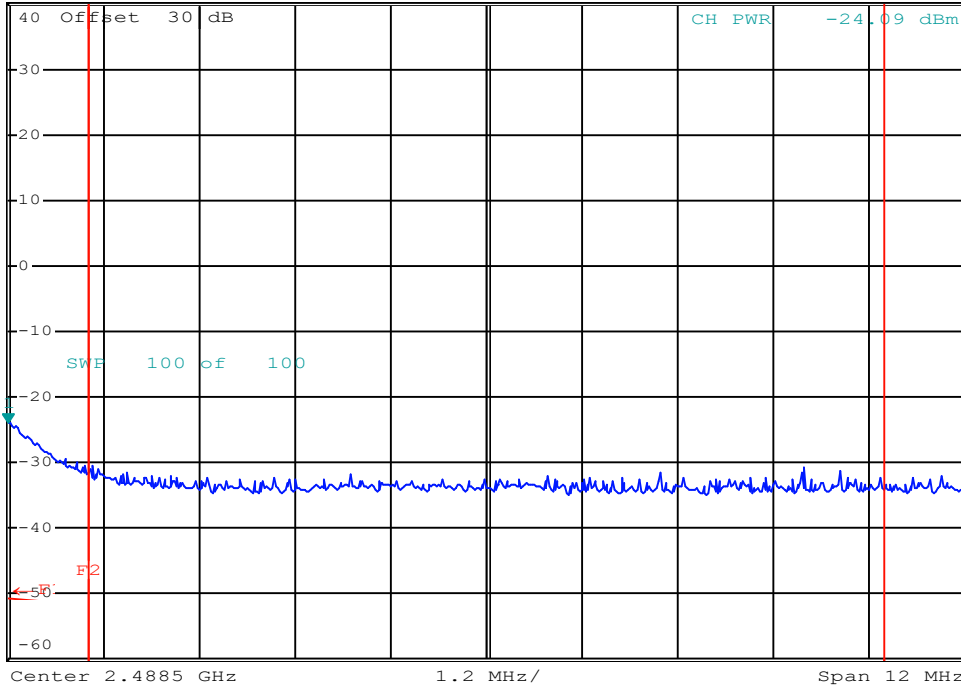


*RBW 1 MHz Marker 1 [T1]
VEW 3 MHz -23.97 dBm
SWT 2.5 ms 2.482500000 GHz

Ref 40 dBm

*Att 20 dB

1 PK
VIEW



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

Channel:

Mode:

Channel Frequency: MHz

Modulation:

Emission Power: 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

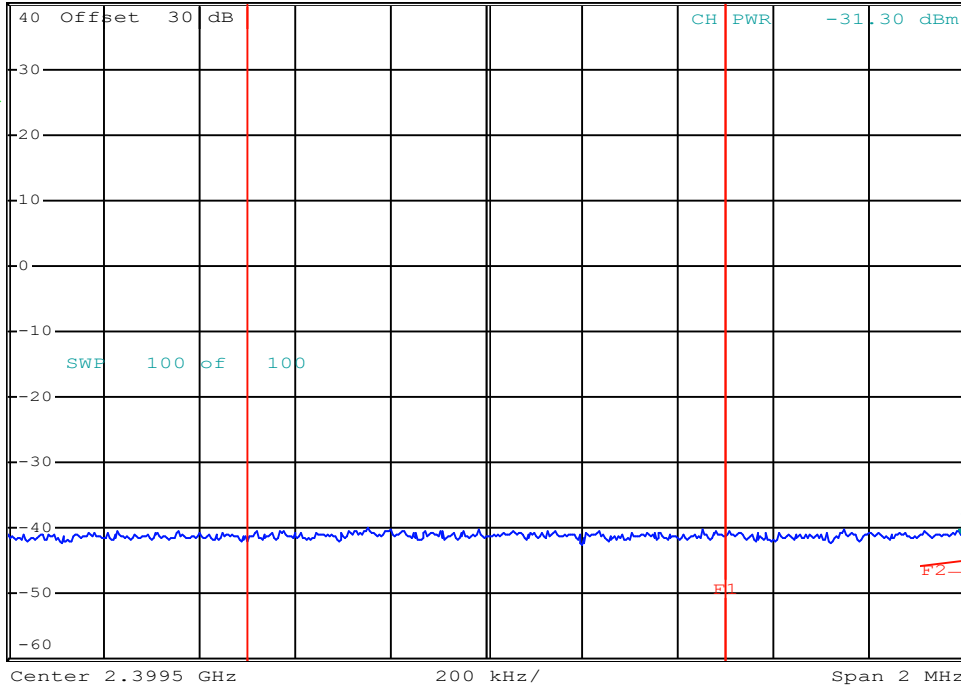


*RBW 100 kHz Marker 1 [T1]
VEW 1 MHz -41.38 dBm
SWT 2.5 ms 2.400500000 GHz

Ref 40 dBm

*Att 20 dB

1 RM*
VIEW



Date: 12.JUN.2024 13:45:16

Channel:

Mode:

Channel Frequency: MHz

Modulation:

Emission Power: dBm

Band Edge: Lower Band Edge

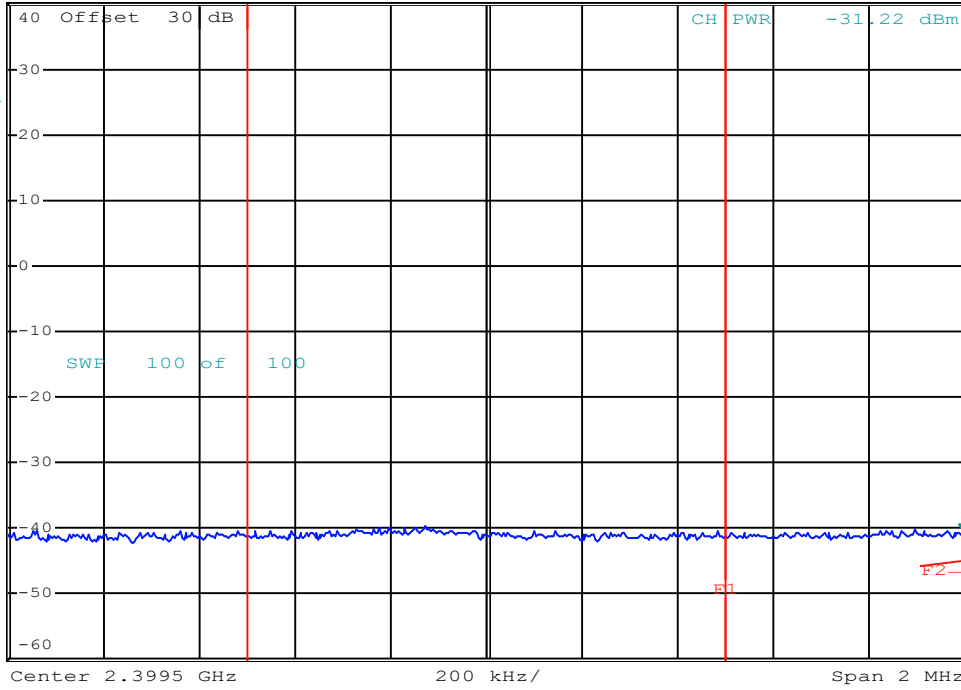


*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz -40.67 dBm
 SWT 2.5 ms 2.400500000 GHz

Ref 40 dBm

*Att 20 dB

1 RM*
 VIEW



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

Channel:

Mode:

Channel Frequency: MHz

Modulation:

Emission Power: dBm

Band Edge: Lower Band Edge

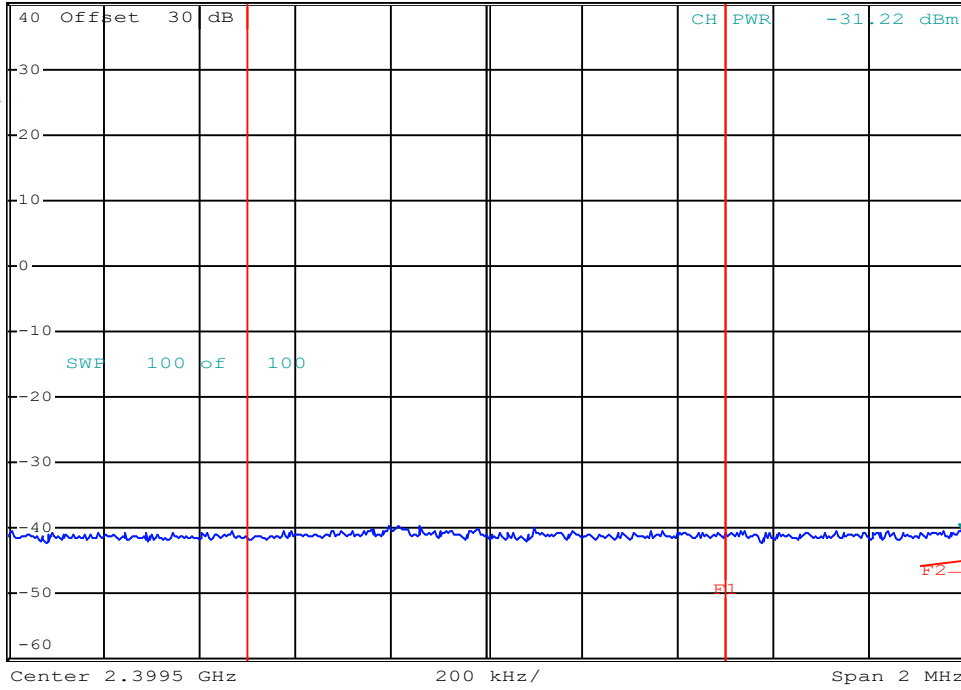


*RBW 100 kHz Marker 1 [T1]
 VBW 1 MHz -40.65 dBm
 SWT 2.5 ms 2.400500000 GHz

Ref 40 dBm

*Att 20 dB

1 RM*
 VIEW



Date: 12.JUN.2024 13:46:57

Channel:

Mode:

Channel Frequency: MHz

Modulation:

Emission Power: dBm

Band Edge: Upper Band Edge

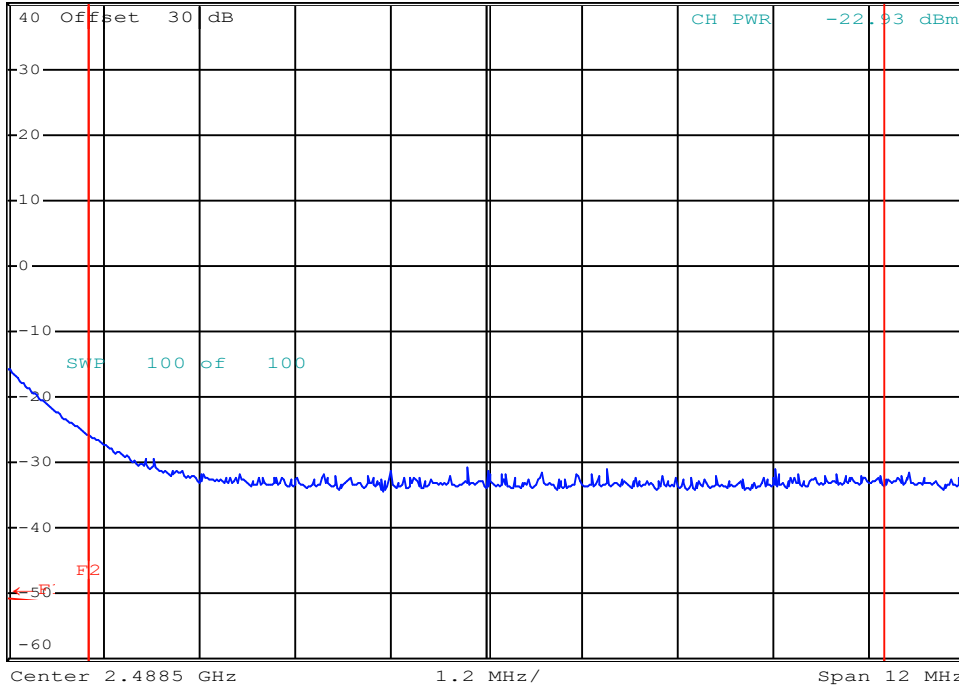


*RBW 1 MHz
VBW 3 MHz
SWT 2.5 ms

Ref 40 dBm

*Att 20 dB

1 PK
VIEW



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

Channel:

Mode:

Channel Frequency: MHz

Modulation:

Emission Power: dBm

Band Edge: Upper Band Edge

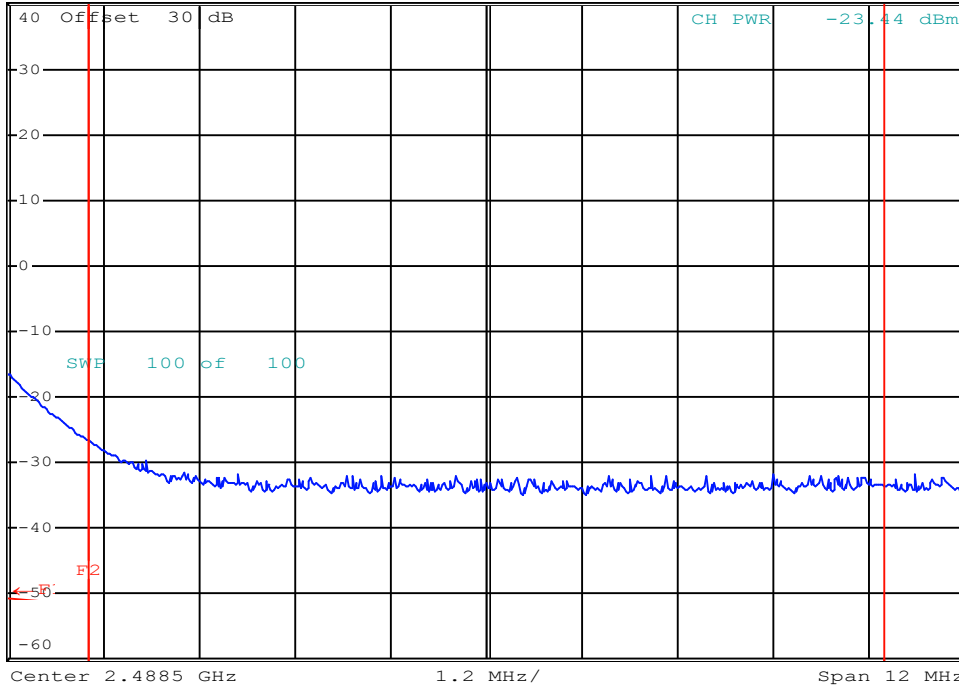


*RBW 1 MHz
*VEW 3 MHz
*SWT 2.5 ms

Ref 40 dBm

*Att 20 dB

1 PK
VIEW



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

Channel:

Mode:

Channel Frequency: MHz

Modulation:

Emission Power: dBm

Band Edge: Upper Band Edge

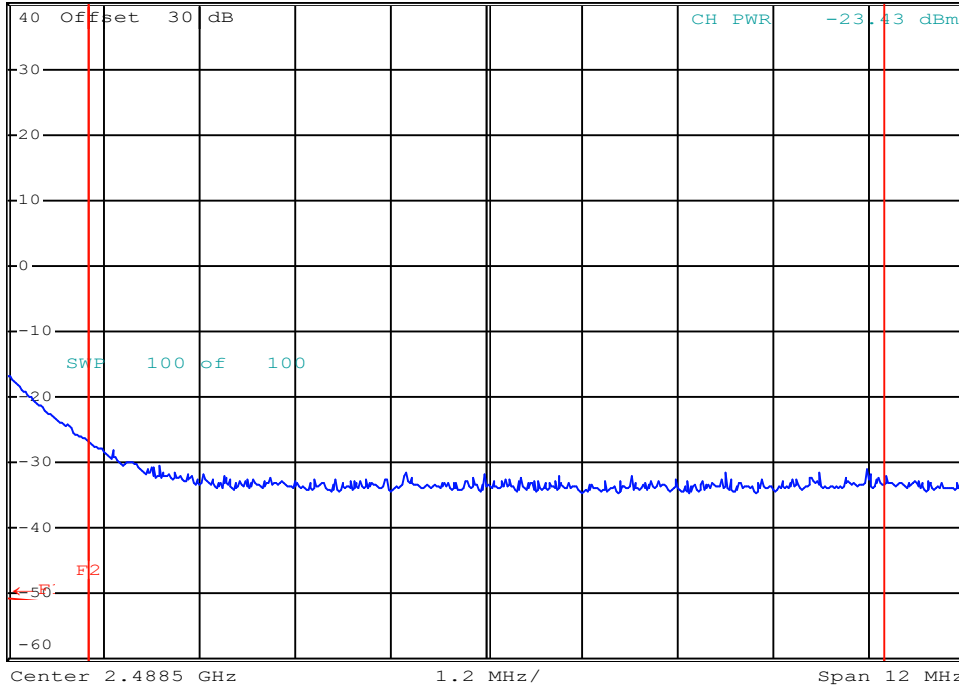


*RBW 1 MHz
*VBW 3 MHz
*SWT 2.5 ms

Ref 40 dBm

*Att 20 dB

1 PK
VIEW



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

Channel:

Mode:

Channel Frequency: MHz

Modulation:

Emission Power: dBm