

Conducted Spurious Emissions Measurement Results: 802.11

Mode	Channel Number	Frequency (MHz)	Modulation	Bit Rate (Mbps)	Reference Measurement [P _{Ref}] (dBm)	Measured Emission [P _{Em}] (dBm)	Emission Frequency (MHz)	Attenuation [Attn] (dBi)	Limit (dB)	Margin (dB)
802.11b	6	2437.00	DSSS	5.5	10.5	-33.2	9020	43.7	30	13.7
						-22.2	16425	32.7		2.7
						-21.5	24972	32.0		2.0
Results:									Complies	

Attenuation = [P_{Ref}] - [P_{Em}]

Margin = Attn - Limit

* Reference Measurement

Conducted Spurious Emissions: 802.11b

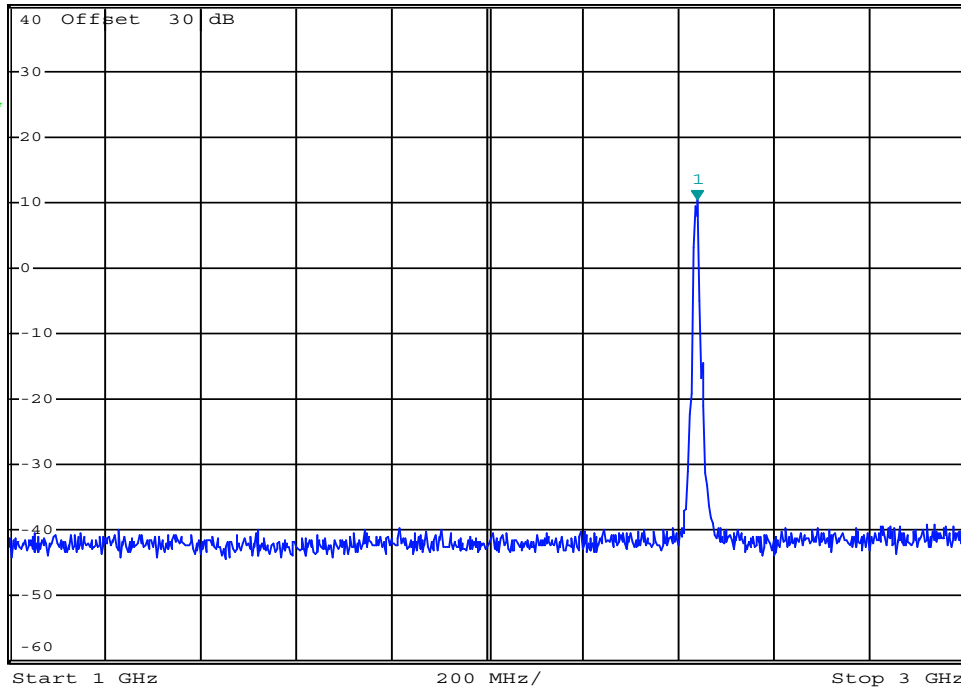


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 10.50 dBm
SWT 10 ms 2.438000000 GHz

Ref 40 dBm

*Att 20 dB

1 RM*
VIEW



Date: 6.OCT.2022 14:02:35

Marker 1 = Fundamental

Channel Number: 6

Channel Frequency (MHz): 2437

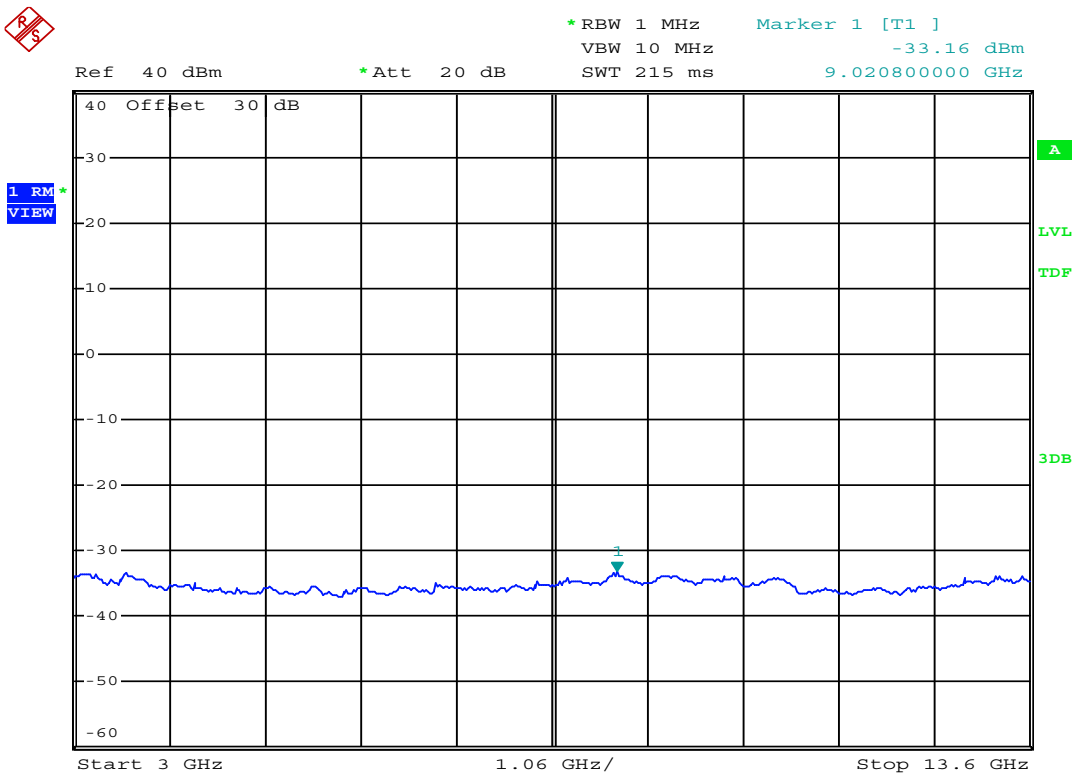
Emission Frequency (MHz) -

Modulation: DSSS

Bit Rate (Mbps): 5.5

Measured Emission (dBm): -

Conducted Spurious Emissions: 802.11b



Date: 6.OCT.2022 14:03:27

Channel Number: 6	Channel Frequency (MHz): 2437	Emission Frequency (MHz) 9020.8
Modulation: DSSS	Bit Rate (Mbps): 5.5	Measured Emission (dBm): -33.16

Conducted Spurious Emissions: 802.11b

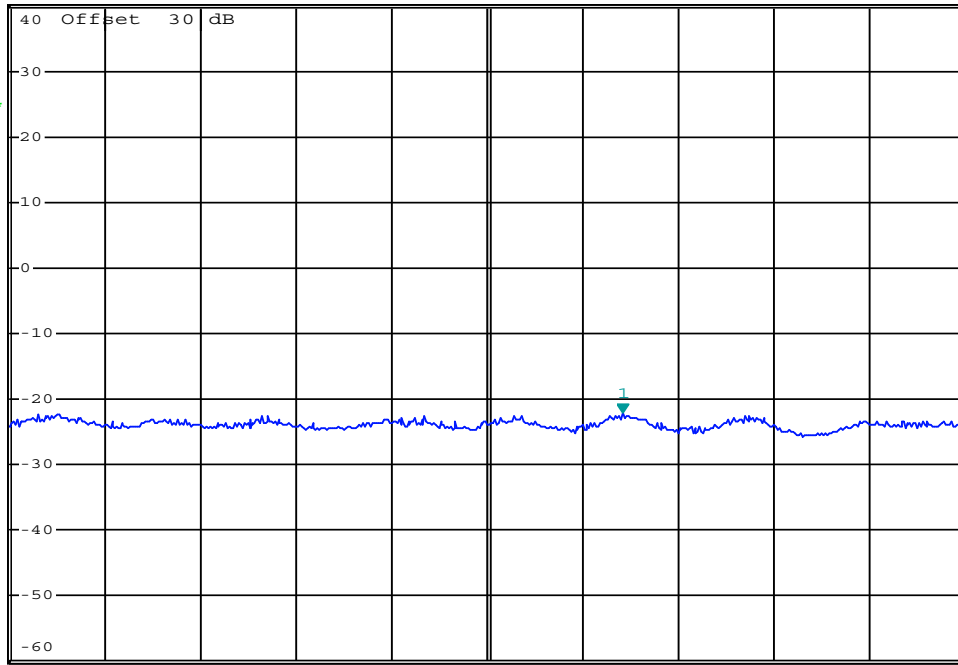


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz -22.17 dBm
SWT 90 ms 16.424800000 GHz

Ref 40 dBm

*Att 20 dB

1 RM
VIEW



Start 13.6 GHz

440 MHz/

Stop 18 GHz

Date: 6.OCT.2022 14:03:45

Channel Number: 6

Channel Frequency (MHz): 2437

Emission Frequency (MHz) 16425

Modulation: DSSS

Bit Rate (Mbps): 5.5

Measured Emission (dBm): -22.17

Conducted Spurious Emissions: 802.11b

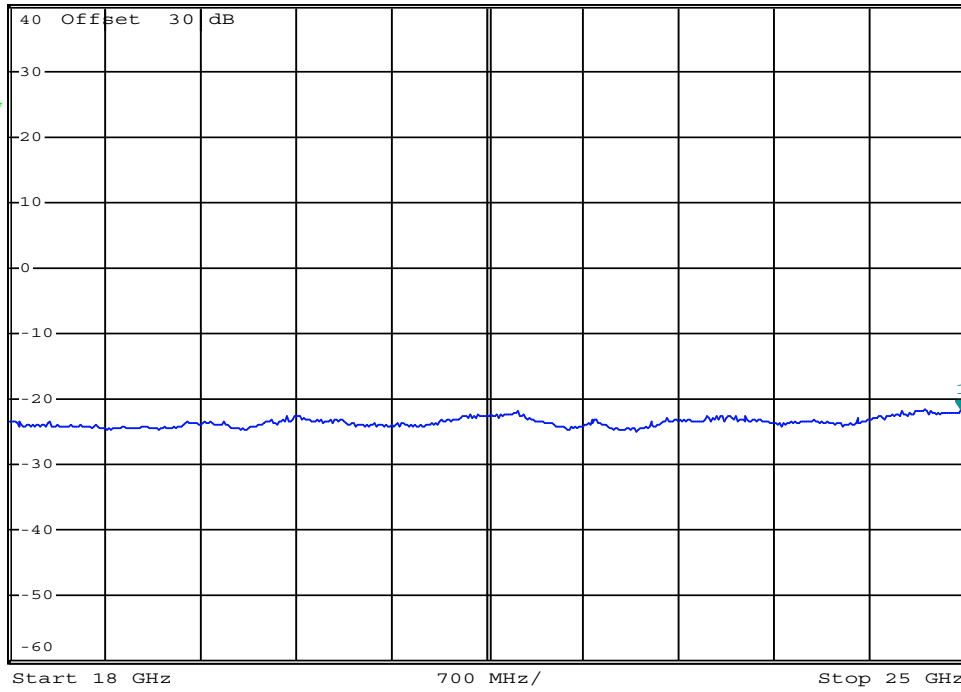


*RBW 1 MHz Marker 1 [T1]
 VBW 10 MHz -21.53 dBm
 SWT 140 ms 24.972000000 GHz

Ref 40 dBm

*Att 20 dB

1 RM*
 VIEW



Date: 6.OCT.2022 14:04:06

Channel Number: 6	Channel Frequency (MHz): 2437	Emission Frequency (MHz) 24972
Modulation: DSSS	Bit Rate (Mbps): 5.5	Measured Emission (dBm): -21.53

Conducted Spurious Emissions Measurement Results: FHSS										
Mode	Channel Number	Frequency (MHz)	Modulation	Bit Rate (Mbps)	Reference Measurement [P _{Ref}] (dBm)	Measured Emission [P _{Em}] (dBm)	Emission Frequency (MHz)	Attenuation [Attn] (dBi)	Limit (dB)	Margin (dB)
BT EDR2	41	2441.00	Pi/4-DQPSK	2	6.88	-53.6	3148	60.4	30	30.4
						-42.3	15456	49.2		19.2
						-41.7	24874	48.6		18.6
Results:									Complies	

Attenuation = [P_{Ref}] - [P_{Em}]
Margin = Attn - Limit

Conducted Spurious Emissions: FHSS

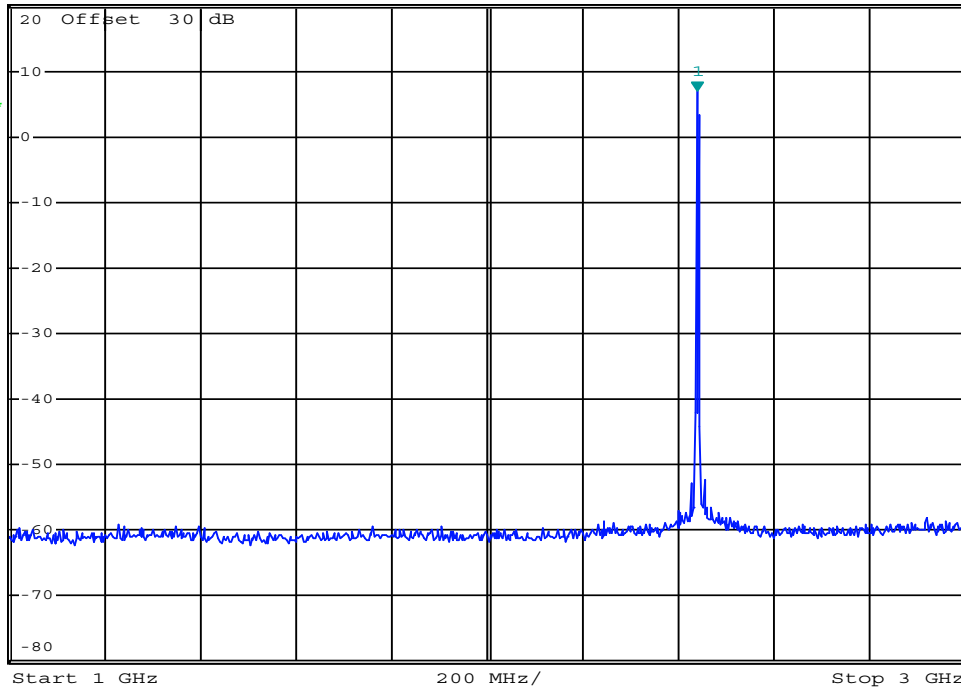


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 6.88 dBm
SWT 10 ms 2.440000000 GHz

Ref 20 dBm

*Att 0 dB

1 RM
VIEW



Date: 6.OCT.2022 12:42:09

Marker 1 = Fundamental

Channel Number: 40

Channel Frequency (MHz): 2440

Emission Frequency (MHz) 2440

Modulation: Pi/4-DQPSK

Bit Rate (Mbps): 2

Measured Emission (dBm): 6.88

Conducted Spurious Emissions: FHSS

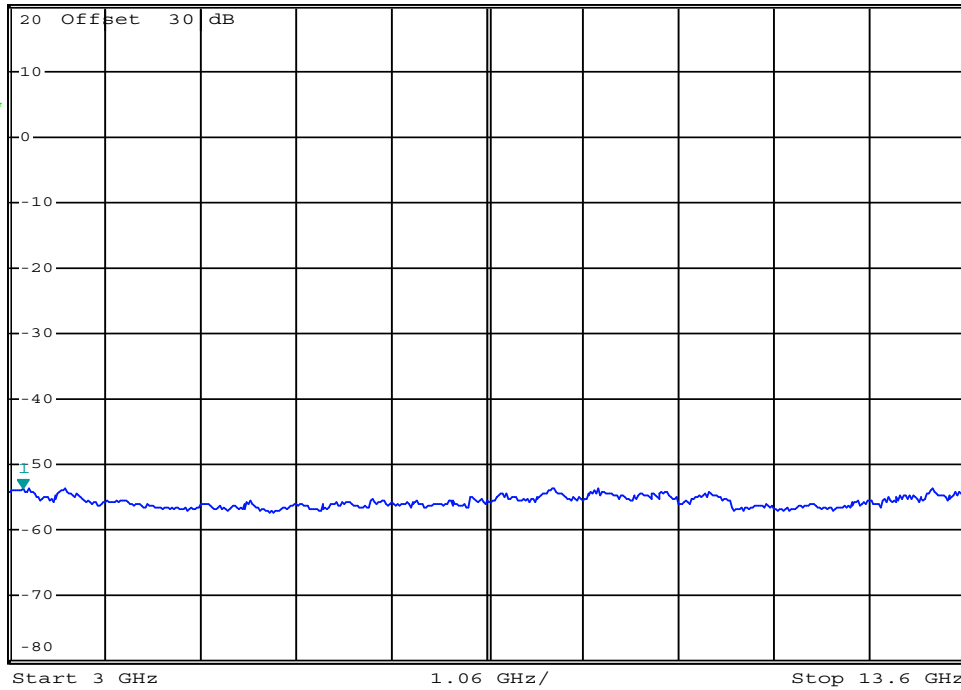


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz -53.55 dBm
SWT 215 ms 3.148400000 GHz

Ref 20 dBm

*Att 0 dB

1 RM
VIEW



Date: 6.OCT.2022 13:43:33

Channel Number: **40**

Channel Frequency (MHz): **2440**

Emission Frequency (MHz) **3148**

Modulation: **PI/4-DQPSK**

Bit Rate (Mbps): **2**

Measured Emission (dBm): **-53.55**

Conducted Spurious Emissions: FHSS

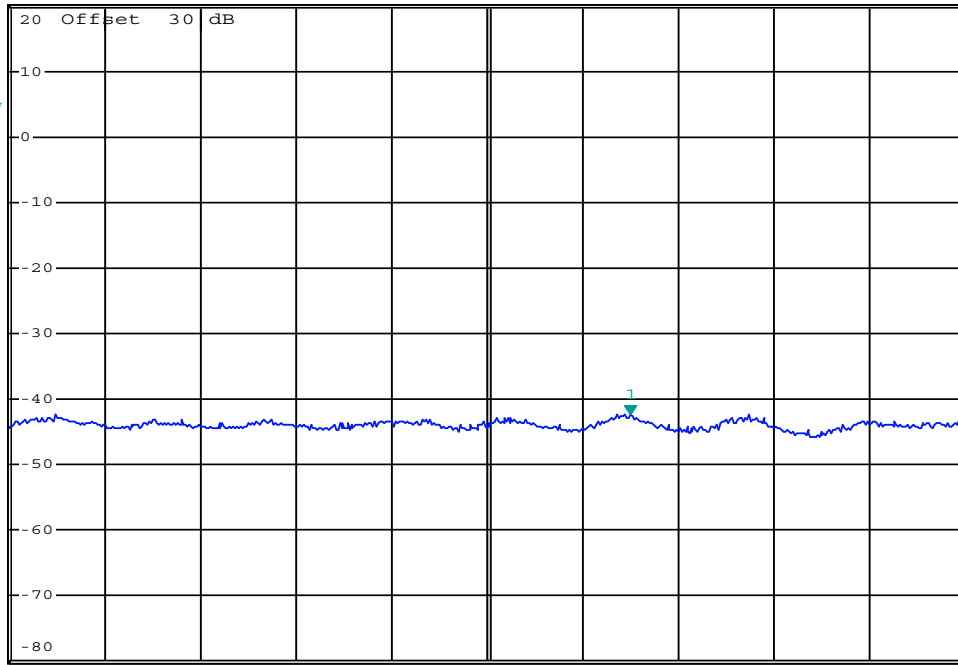


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz -42.32 dBm
SWT 90 ms 16.455600000 GHz

Ref 20 dBm

*Att 0 dB

1 RM
VIEW



Date: 6.OCT.2022 12:43:22

Channel Number: **41**

Channel Frequency (MHz): **2441**

Emission Frequency (MHz) **16456**

Modulation: **PI/4-DQPSK**

Bit Rate (Mbps): **2**

Measured Emission (dBm): **-42.32**

Conducted Spurious Emissions: FHSS

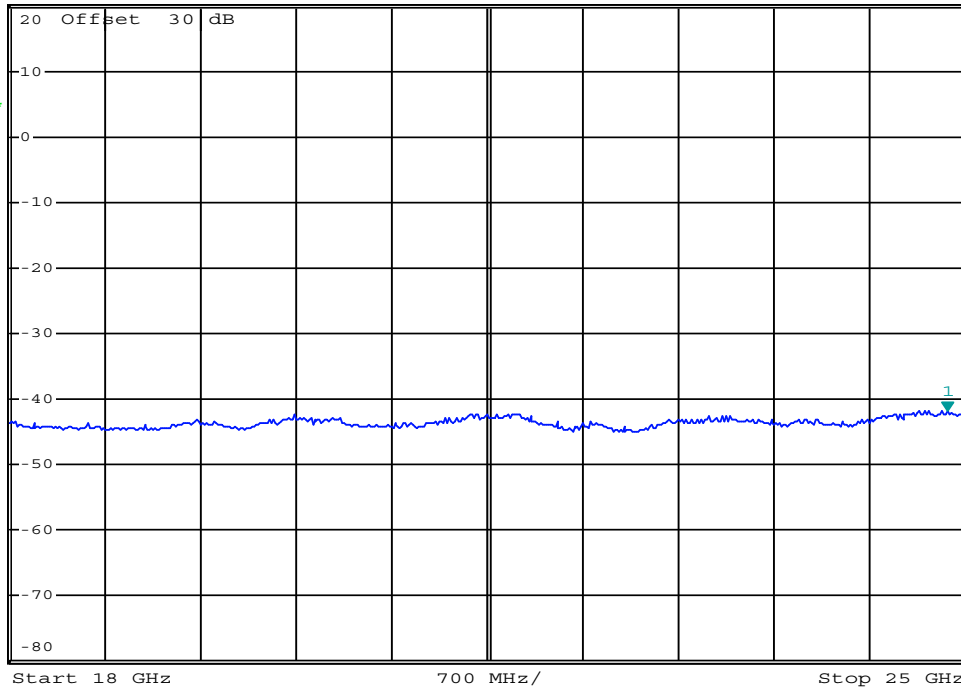


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz -41.70 dBm
SWT 140 ms 24.874000000 GHz

Ref 20 dBm

*Att 0 dB

1 RM
VIEW



Date: 6.OCT.2022 12:44:27

Channel Number: **41**

Channel Frequency (MHz): **2441**

Emission Frequency (MHz) **24874**

Modulation: **PI/4-DQPSK**

Bit Rate (Mbps): **2**

Measured Emission (dBm): **-41.70**