

Summary of Radiated Tx Emissions

Measured Frequency Range (MHz)	Channel Frequency (MHz)	Antenna Polarization	Emission Frequency (MHz)	Measured Emission [E _{Meas}] (dBuV)	Antenna ACF [ACF] (dB)	Cable Loss [L _c] (dB)	Amplifier Gain [G _A] (dB)	Corrected Emission [E _{Corr}] (dBuV/m)	Limit (dBuV)	Margin (dB)
30-1000 MHz	2437.0	Horizontal	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
30-1000 MHz		Vertical	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
1-18 GHz		Horizontal	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
1-18GHz		Vertical	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
18-25 GHz		Horizontal	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
18 -25 GHz		Vertical	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
Results:									Complies	

(1) No Emissions Detected (ND) above ambient or within 20dB of the limit

(2) Antenna ACF, Cable Loss and Amplifier Gain corrected in Spectrum Analyzer Transducer Factor

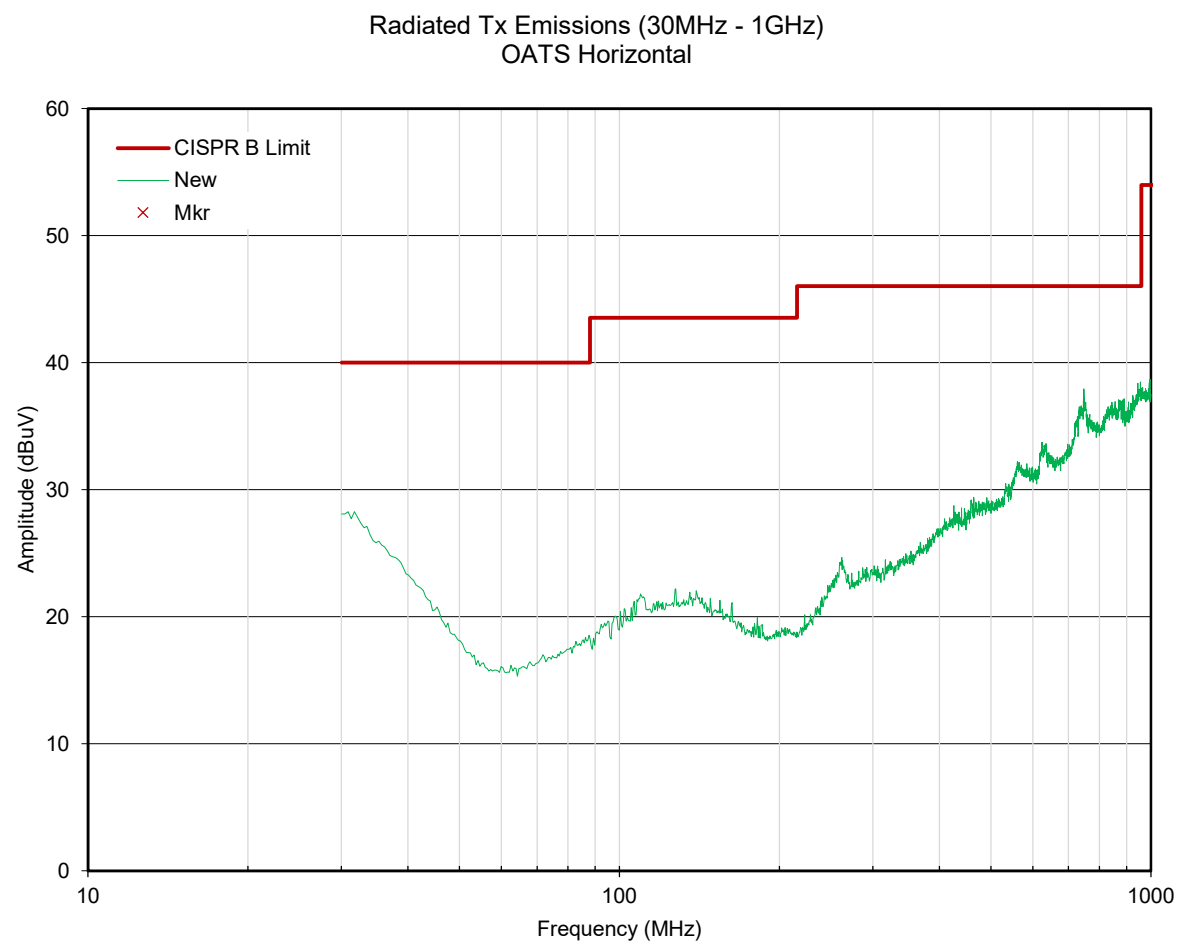
(3) External Amplifier not used

$$E_{\text{Corr}} = E_{\text{Meas}} + ACF^E + L_c - G_A$$

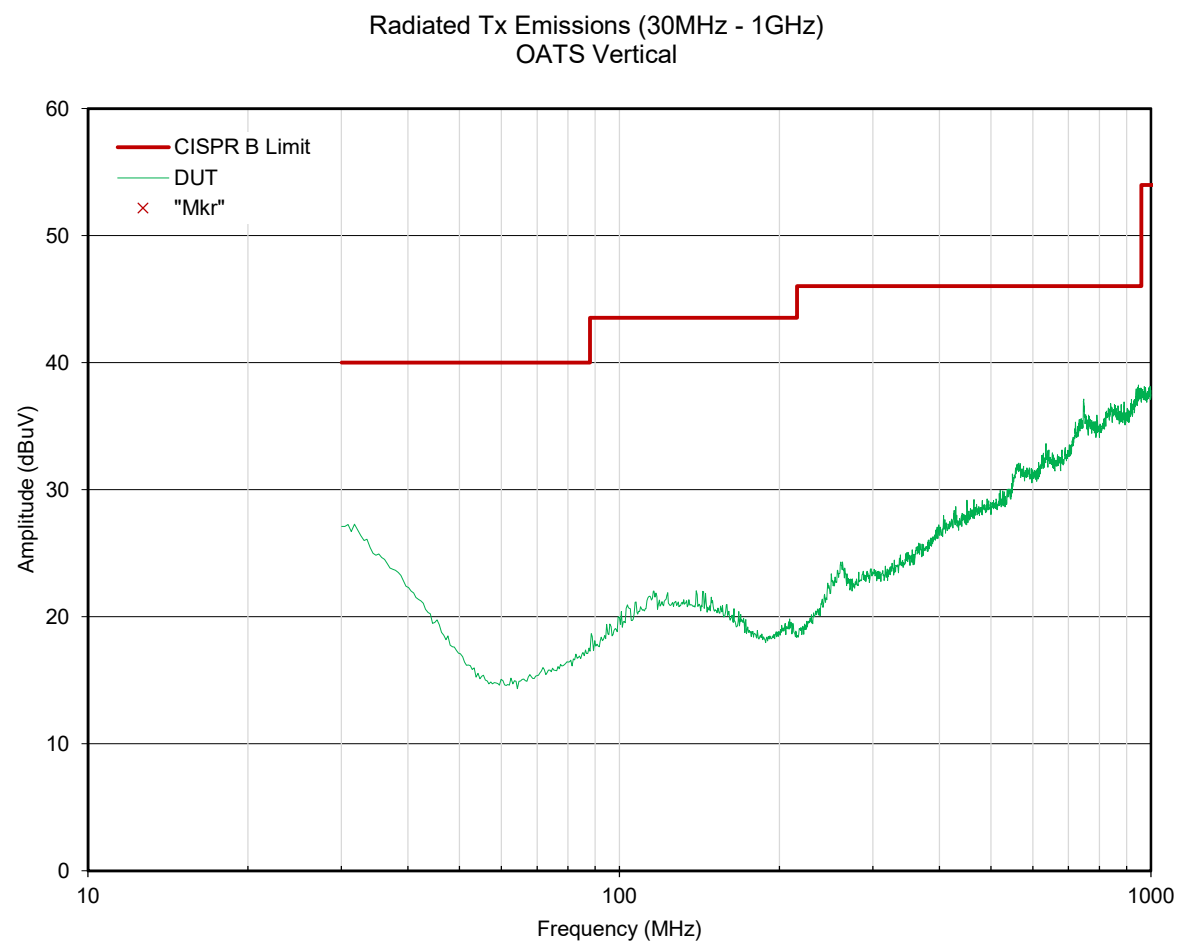
Where ACF^E is the Electric Antenna Correction Factor

* Without Manufacturer's Accessories, ** With Manufacturer's Accessories

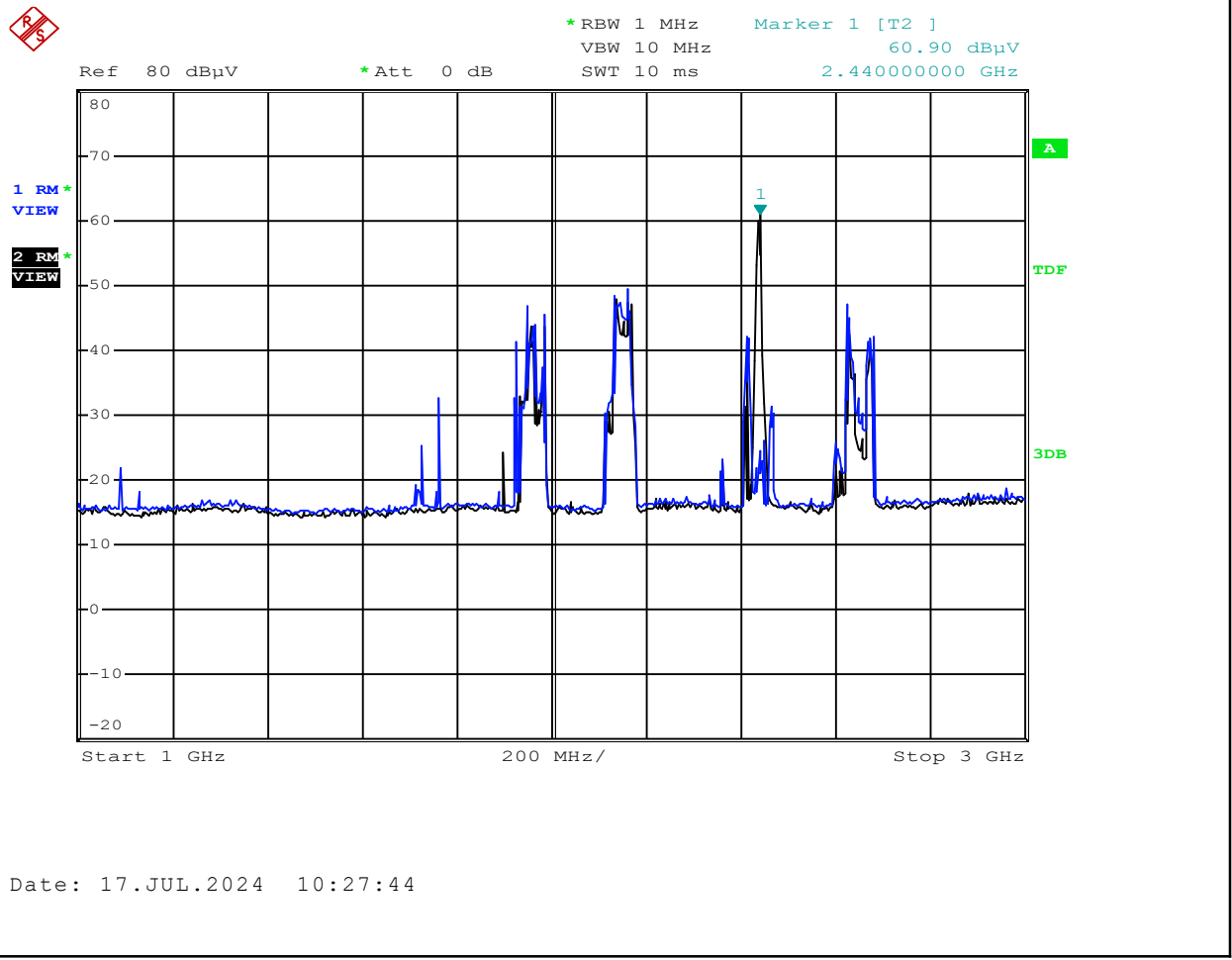
Radiated Tx Emissions:



Radiated Tx Emissions:



Radiated Tx Emissions:



Date: 17.JUL.2024 10:27:44

Channel: 6

Mode: 802.11b

Polarization: Horizontal

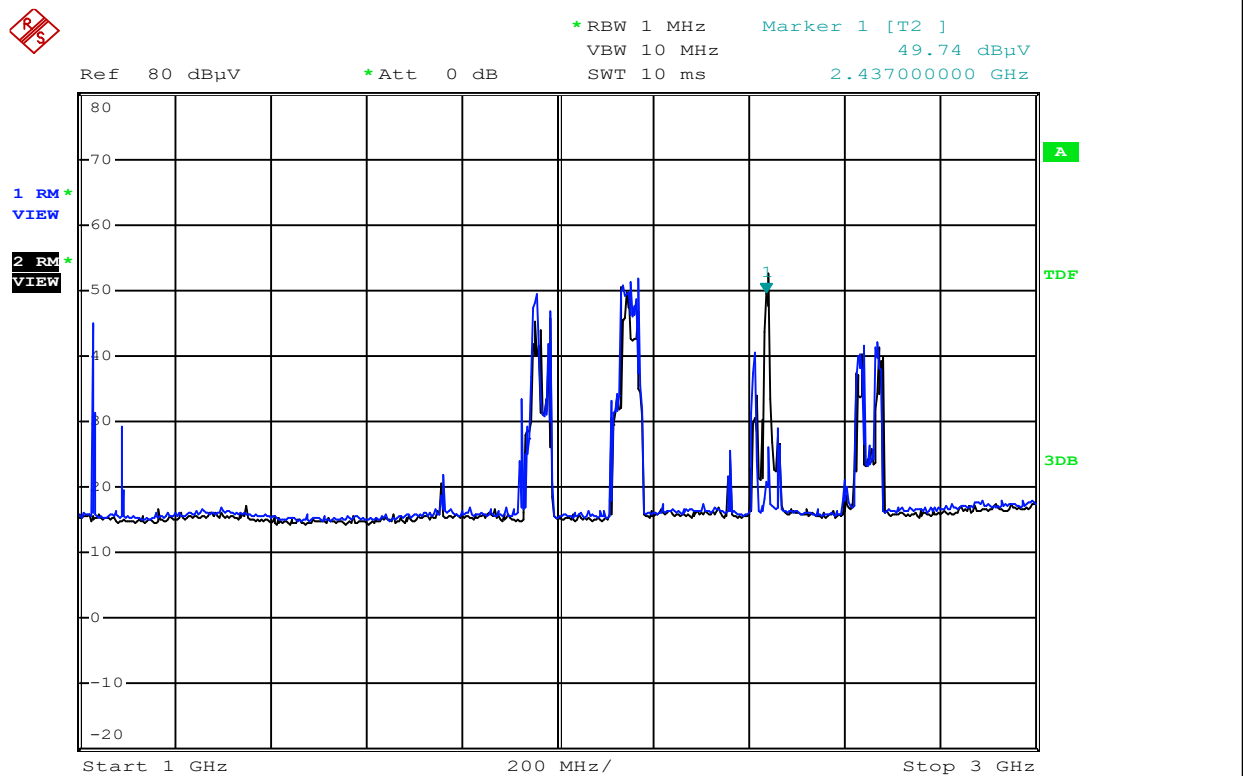
Emission Frequency: Fundamental MHz

Channel Frequency: 2437 MHz

Modulation:	DSSS 5.5
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Measured Channel Power: 60.90 dBuV

Radiated Tx Emissions:



Date: 17.JUL.2024 10:19:23

Channel: 6

Mode: 802.11b

Polarization: **Vertical**

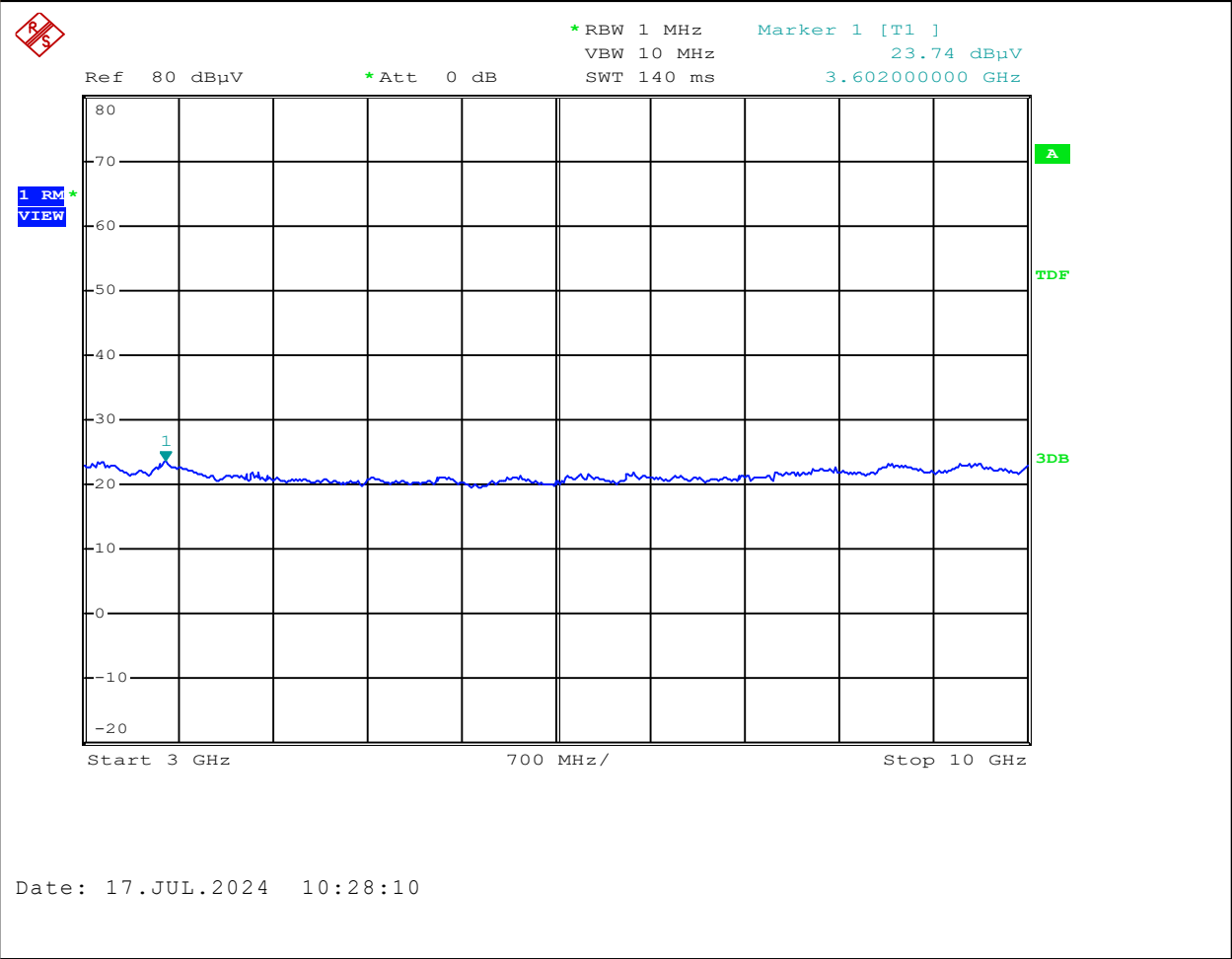
Emission Frequency: Fundamental

Channel Frequency: 2437 MHz

Modulation: **DSSS 5.5**

Measured Channel Power:	49.74
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Radiated Tx Emissions:



Channel:

6

Mode:

802.11b

Polarization:

Horizontal

Emission Frequency:

ND

MHz

Channel Frequency:

2437

MHz

Modulation:

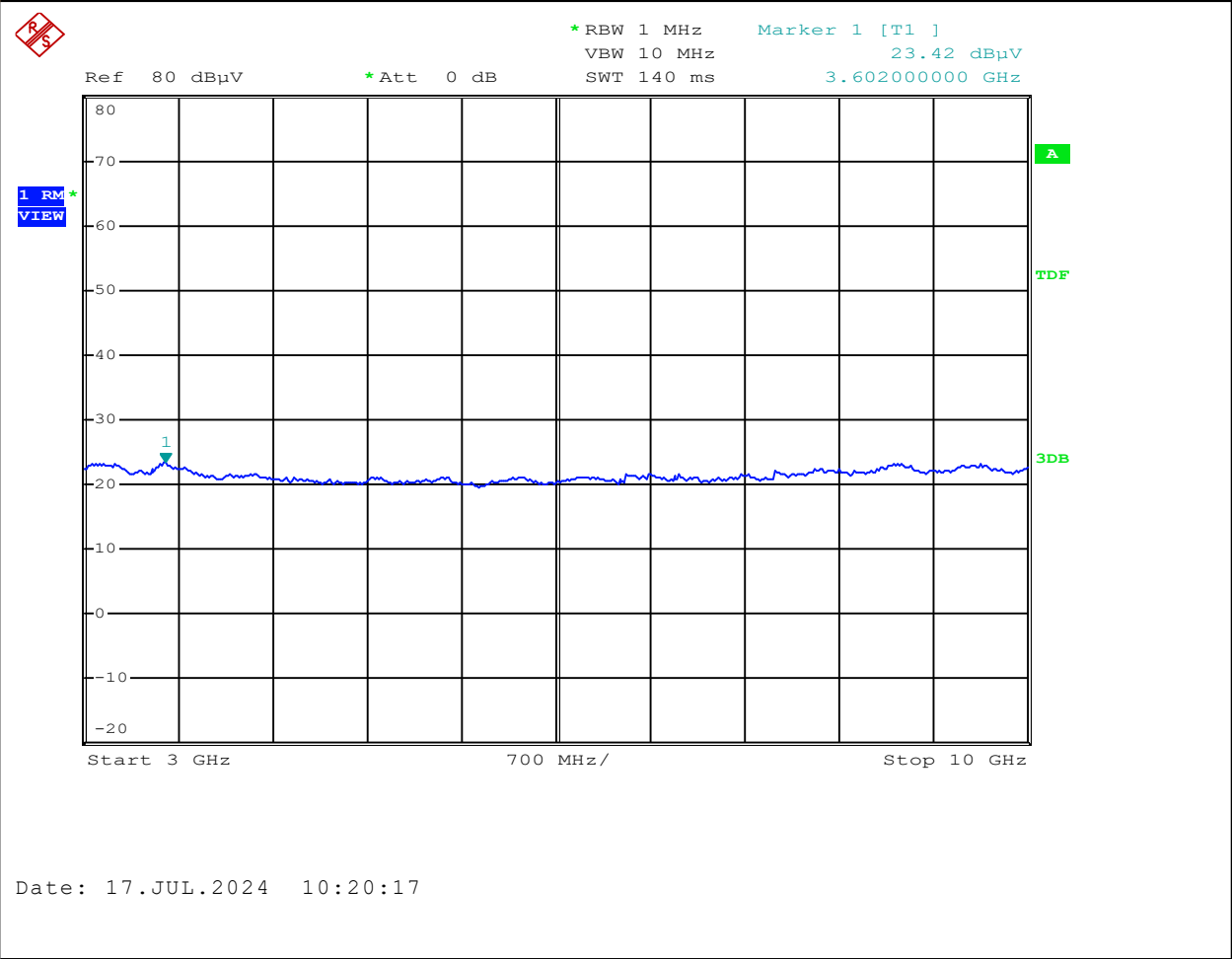
DSSS 5.5

Measured Emission Power:

ND

dBuV

Radiated Tx Emissions:



Channel: 6

Mode: 802.11b

Polarization: Vertical

Emission Frequency: ND MHz

Channel Frequency: 2437 MHz

Modulation: DSSS 5.5

Measured Emission Power: ND dBuV

Radiated Tx Emissions:

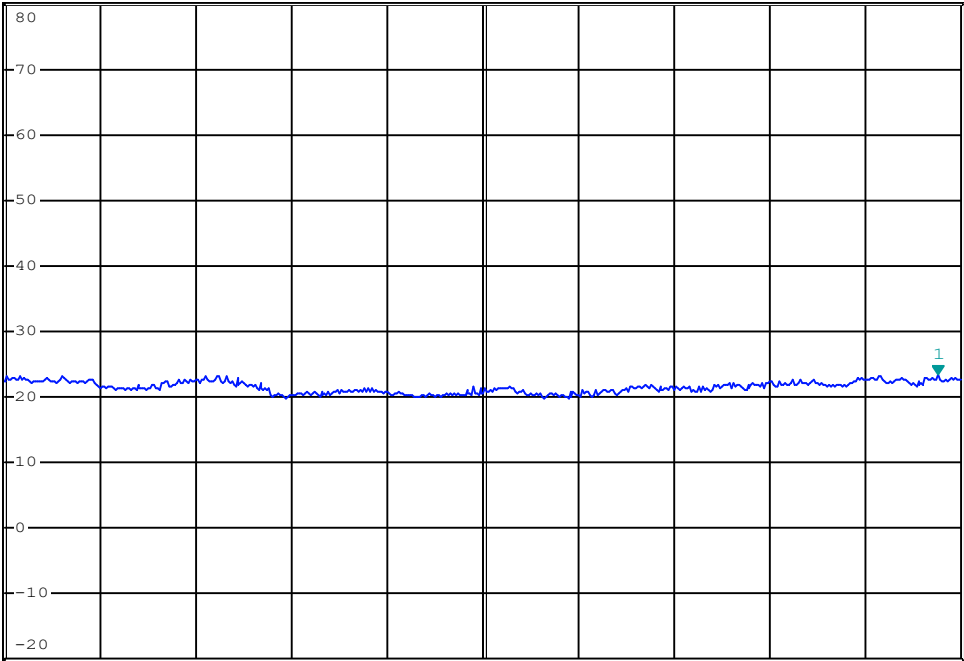


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 23.37 dBμV
SWT 75 ms 13.51360000 GHz

Ref 80 dBμV

*Att 0 dB

1 RM
VIEW



A

TDF

3DB

Date: 17.JUL.2024 10:28:27

Channel: 6

Mode: 802.11b

Polarization: Horizontal

Emission Frequency: ND MHz

Channel Frequency: 2437 MHz

Modulation: DSSS 5.5

Measured Emission Power: ND dBuV

Radiated Tx Emissions:

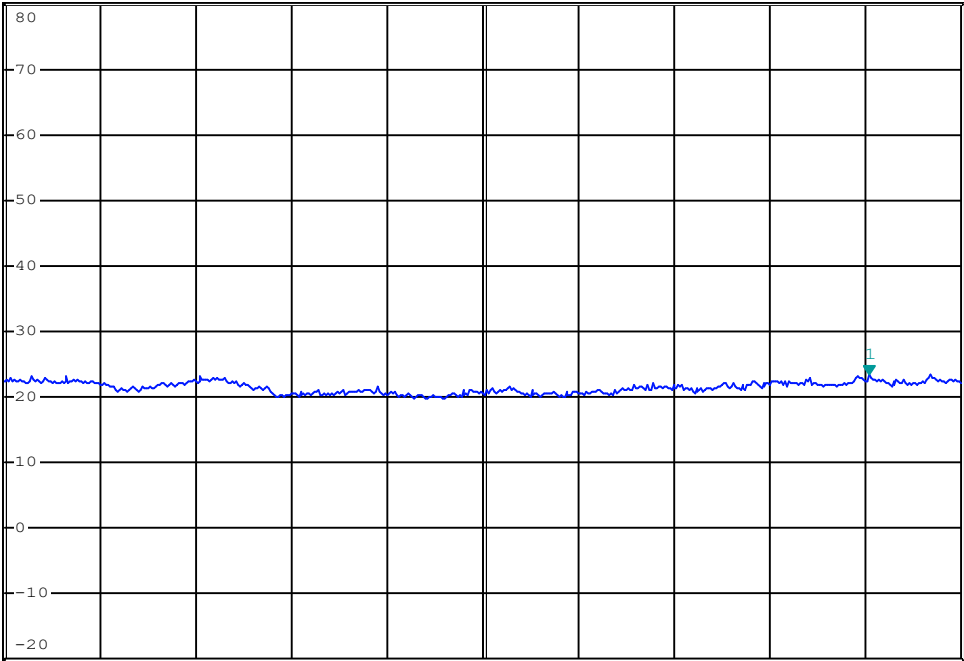


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 23.37 dBμV
SWT 75 ms 13.254400000 GHz

Ref 80 dBμV

*Att 0 dB

1 RM
VIEW



Start 10 GHz 360 MHz/ Stop 13.6 GHz

Date: 17.JUL.2024 10:20:31

Channel: 6

Mode: 802.11b

Polarization: Vertical

Emission Frequency: ND MHz

Channel Frequency: 2437 MHz

Modulation: DSSS 5.5

Measured Emission Power: ND dBuV

Radiated Tx Emissions:

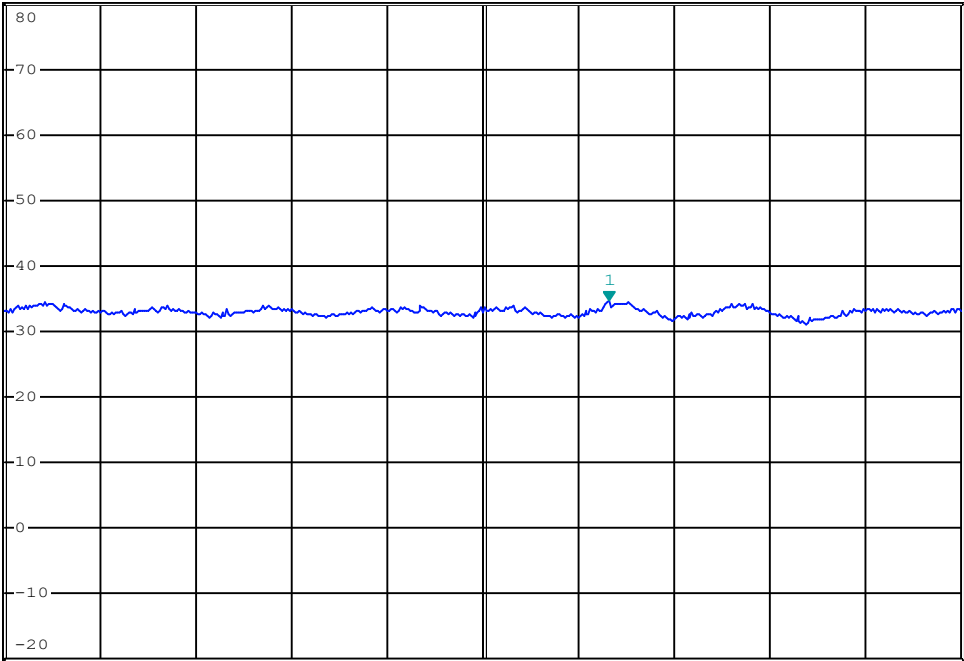


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 34.65 dBμV
SWT 90 ms 16.380800000 GHz

Ref 80 dBμV

*Att 0 dB

1 RM
VIEW



A

TDF

3DB

Start 13.6 GHz 440 MHz/ Stop 18 GHz

Date: 17.JUL.2024 10:28:47

Channel: 6

Mode: 802.11b

Polarization: Horizontal

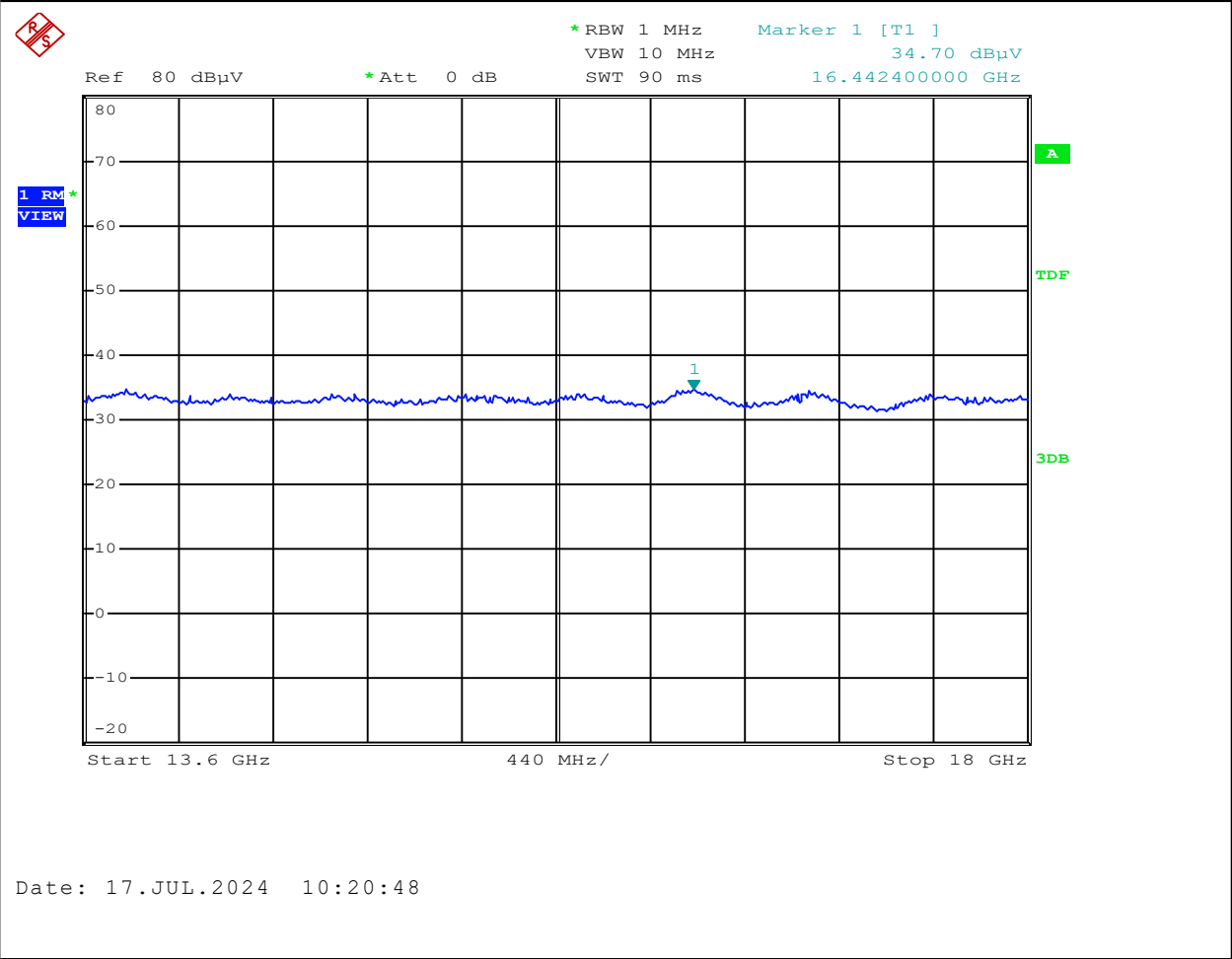
Emission Frequency: ND MHz

Channel Frequency: 2437 MHz

Modulation: DSSS 5.5

Measured Emission Power: ND dBuV

Radiated Tx Emissions:



Channel: 6

Mode: 802.11b

Polarization: Vertical

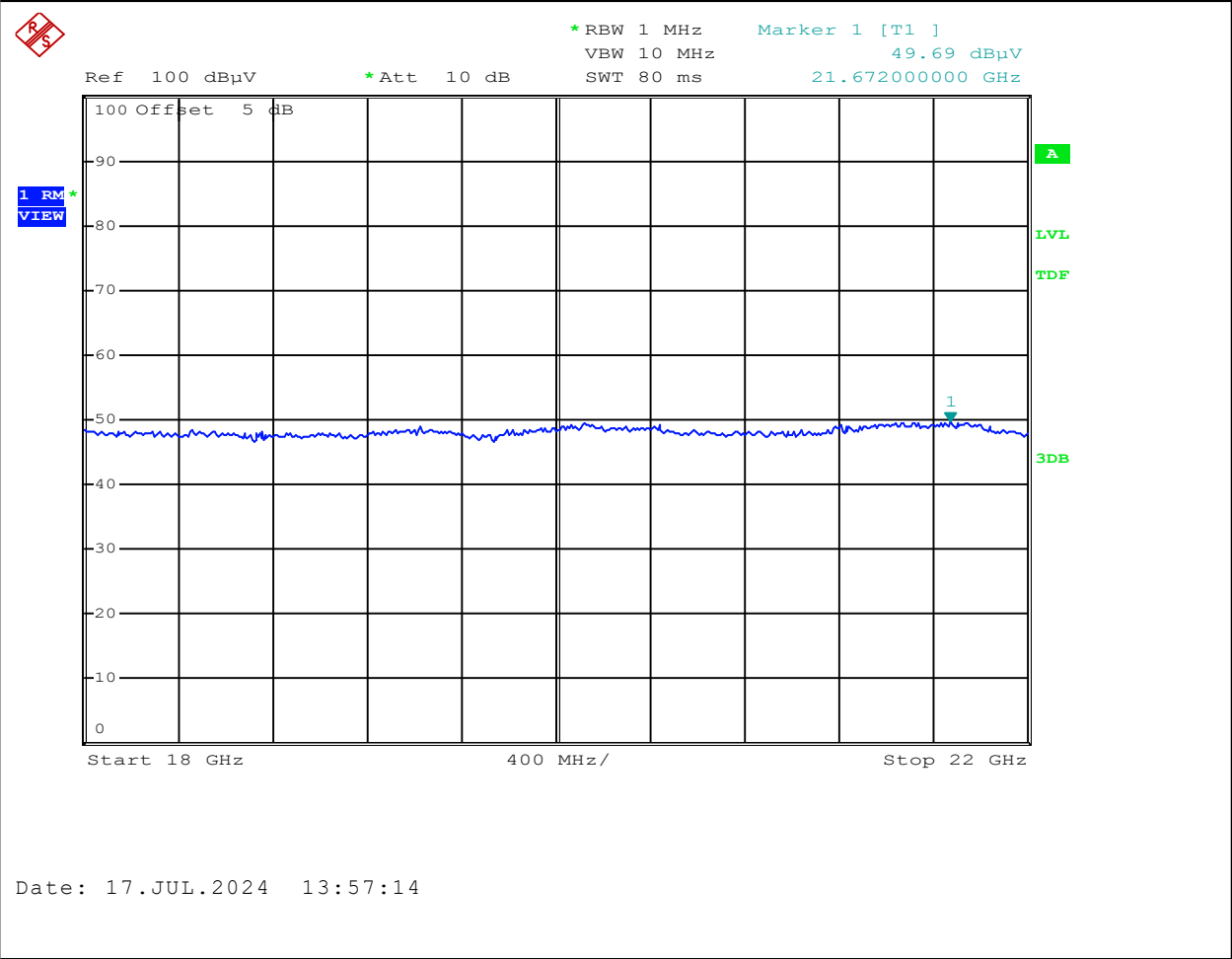
Emission Frequency: ND MHz

Channel Frequency: 2437 MHz

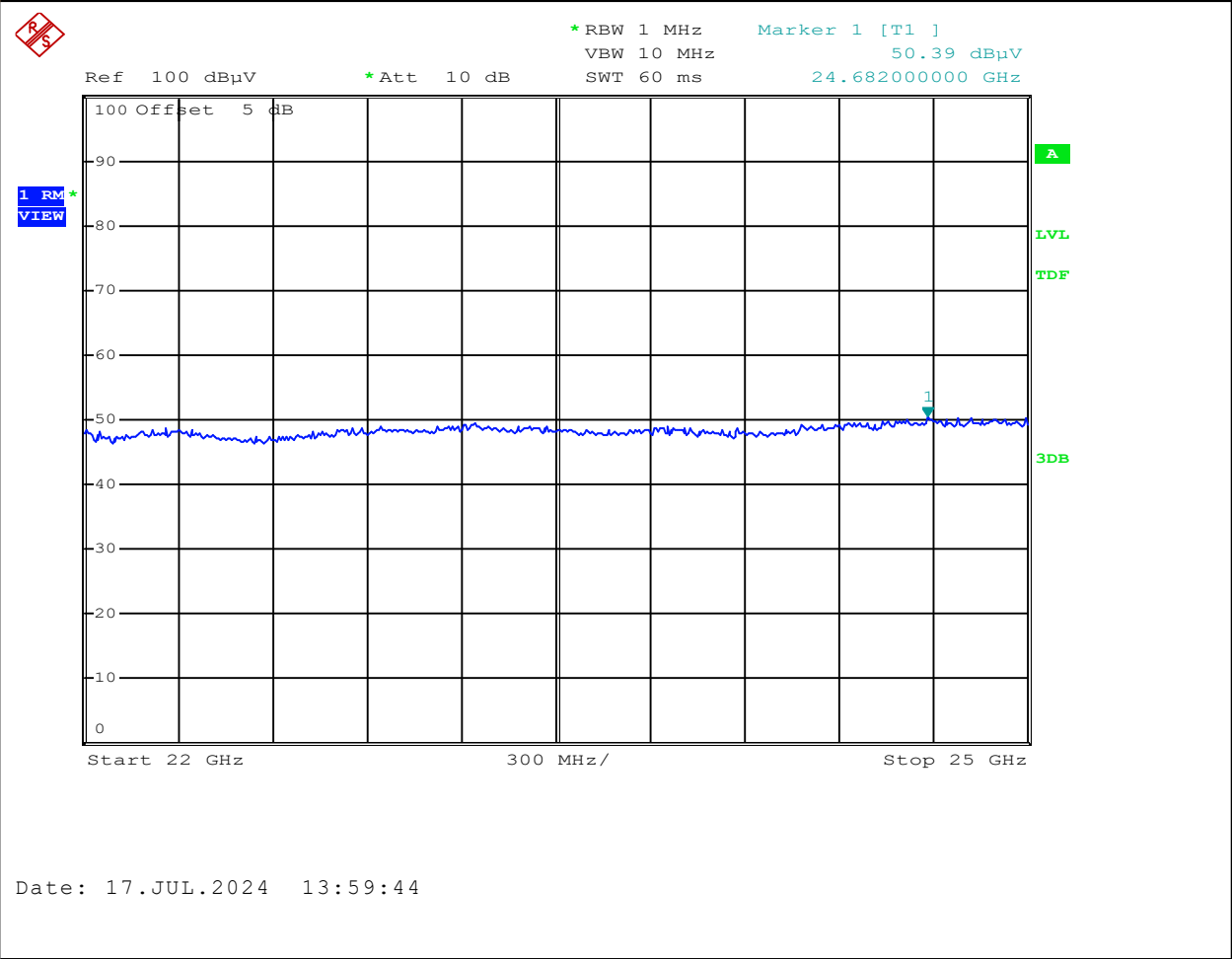
Modulation: DSSS 5.5

Measured Emission Power: ND dBuV

Radiated Tx Emissions:



Radiated Tx Emissions:



Channel: 6

Mode: 802.11b

Polarization: Vertical

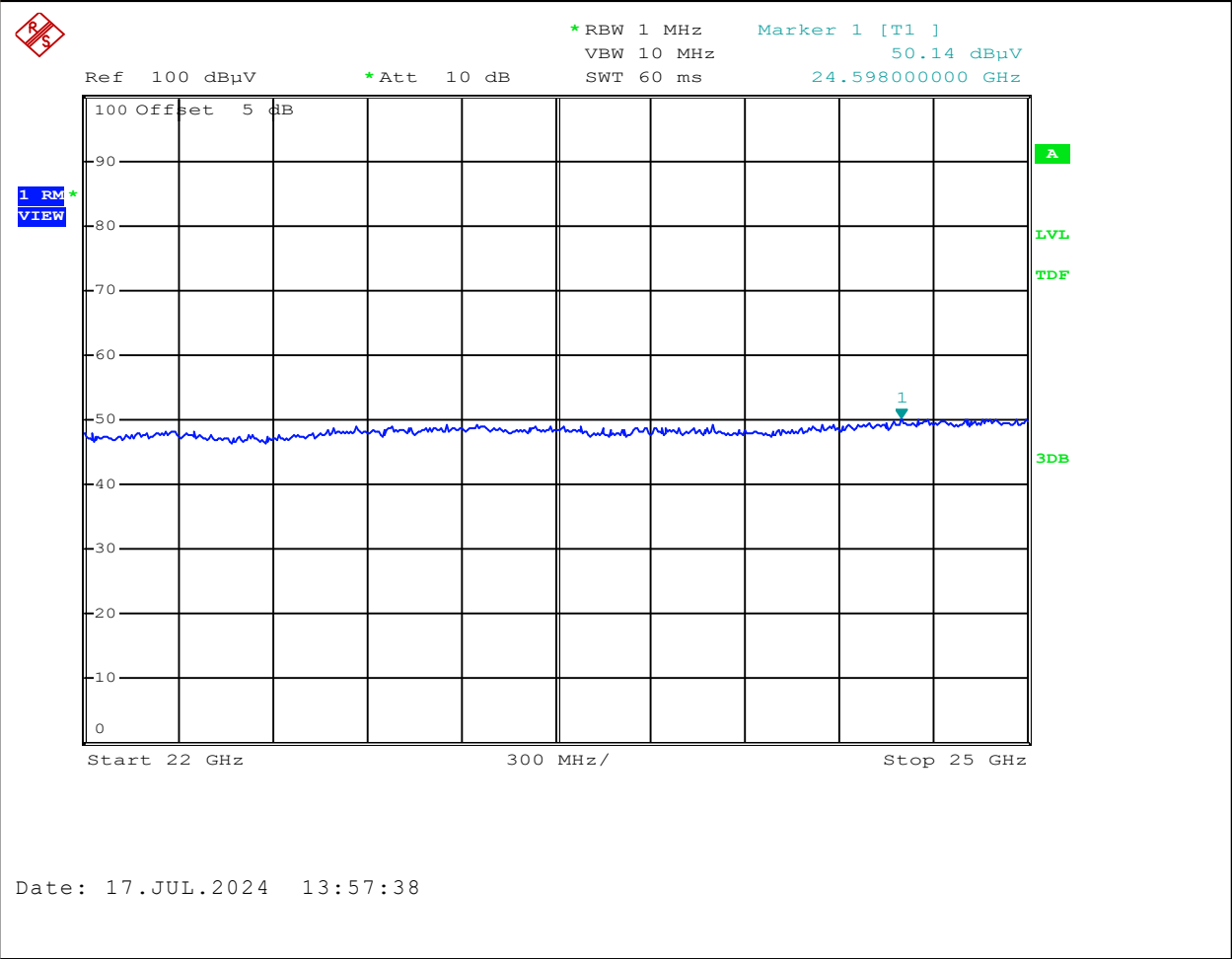
Emission Frequency: ND MHz

Channel Frequency: 2437 MHz

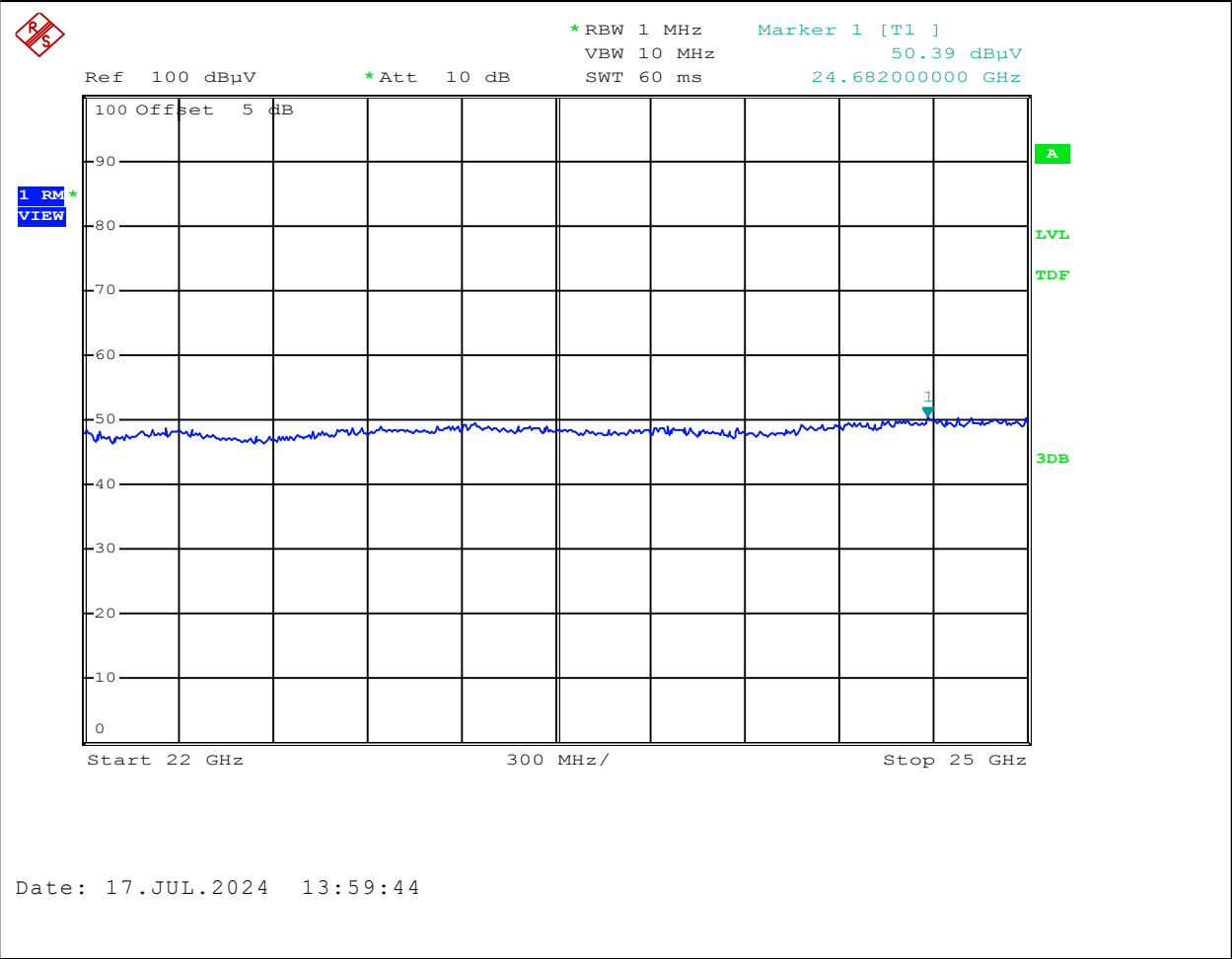
Modulation: DSSS 5.5

Measured Emission Power: ND dBuV

Radiated Tx Emissions:



Radiated Tx Emissions:



Channel: 6

Mode: 802.11b

Polarization: Vertical

Emission Frequency: ND MHz

Channel Frequency: 2437 MHz

Modulation: DSSS 5.5

Measured Emission Power: ND dBuV

Summary of Radiated Tx Emissions

Measured Frequency Range (MHz)	Channel Frequency (MHz)	Antenna Polarization	Emission Frequency (MHz)	Measured Emission [E _{Meas}] (dBuV)	Antenna ACF [ACF] (dB)	Cable Loss [L _c] (dB)	Amplifier Gain [G _A] (dB)	Corrected Emission [E _{Corr}] (dBuV/m)	Limit (dBuV)	Margin (dB)
30-1000 MHz	2440.0	Horizontal	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
30-1000 MHz		Vertical	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
1-18 GHz		Horizontal	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
1-18GHz		Vertical	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
18-25 GHz		Horizontal	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
18 -25 GHz		Vertical	ND	(1) AV	n/a	n/a	0.00 (3)	ND	n/a	(1)
Results:									Complies	

(1) No Emissions Detected (ND) above ambient or within 20dB of the limit

(2) Antenna ACF, Cable Loss and Amplifier Gain corrected in Spectrum Analyzer Transducer Factor

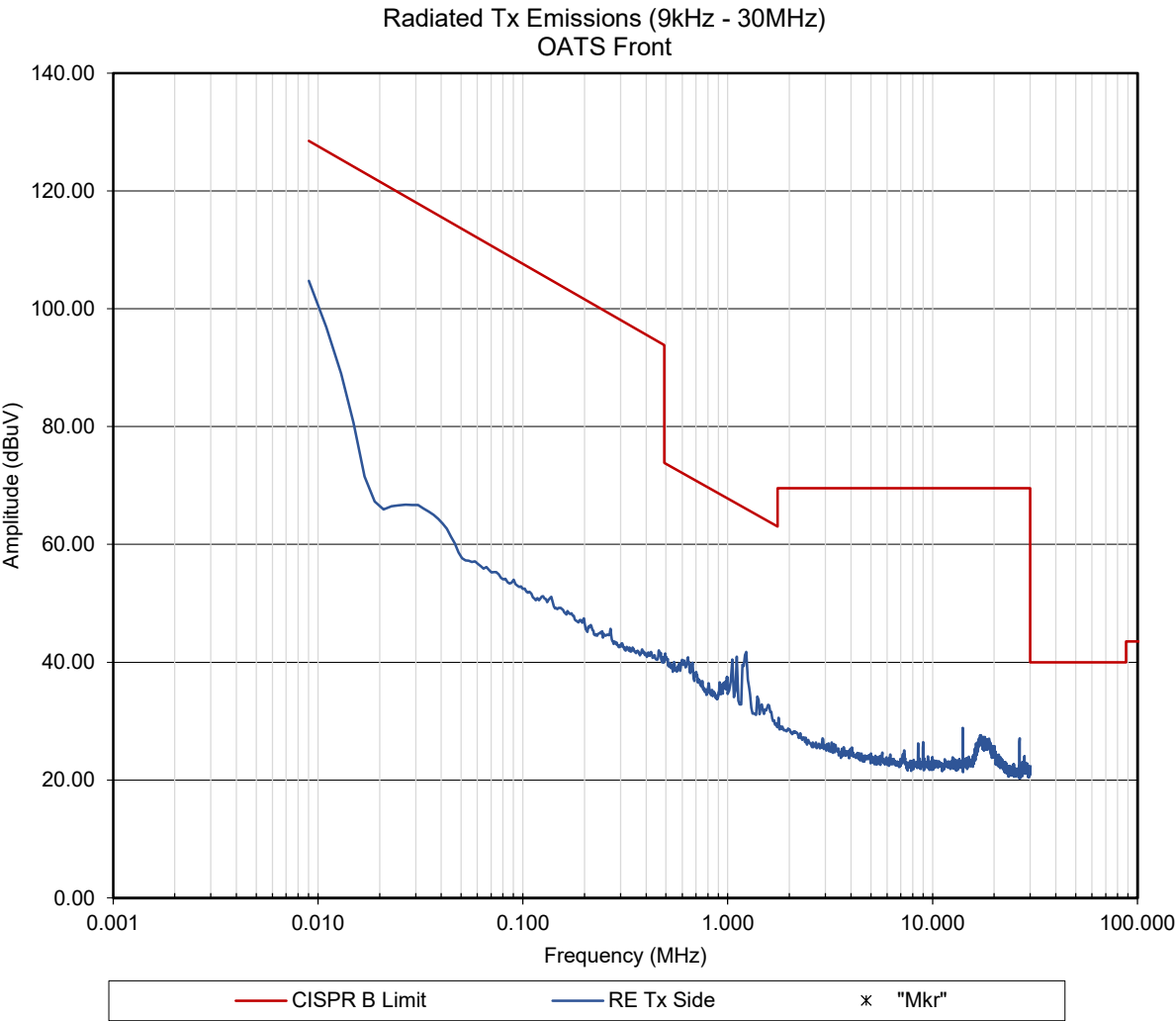
(3) External Amplifier not used

$$E_{\text{Corr}} = E_{\text{Meas}} + \text{ACF}^{\text{E}} + L_{\text{C}} - G_{\text{A}}$$

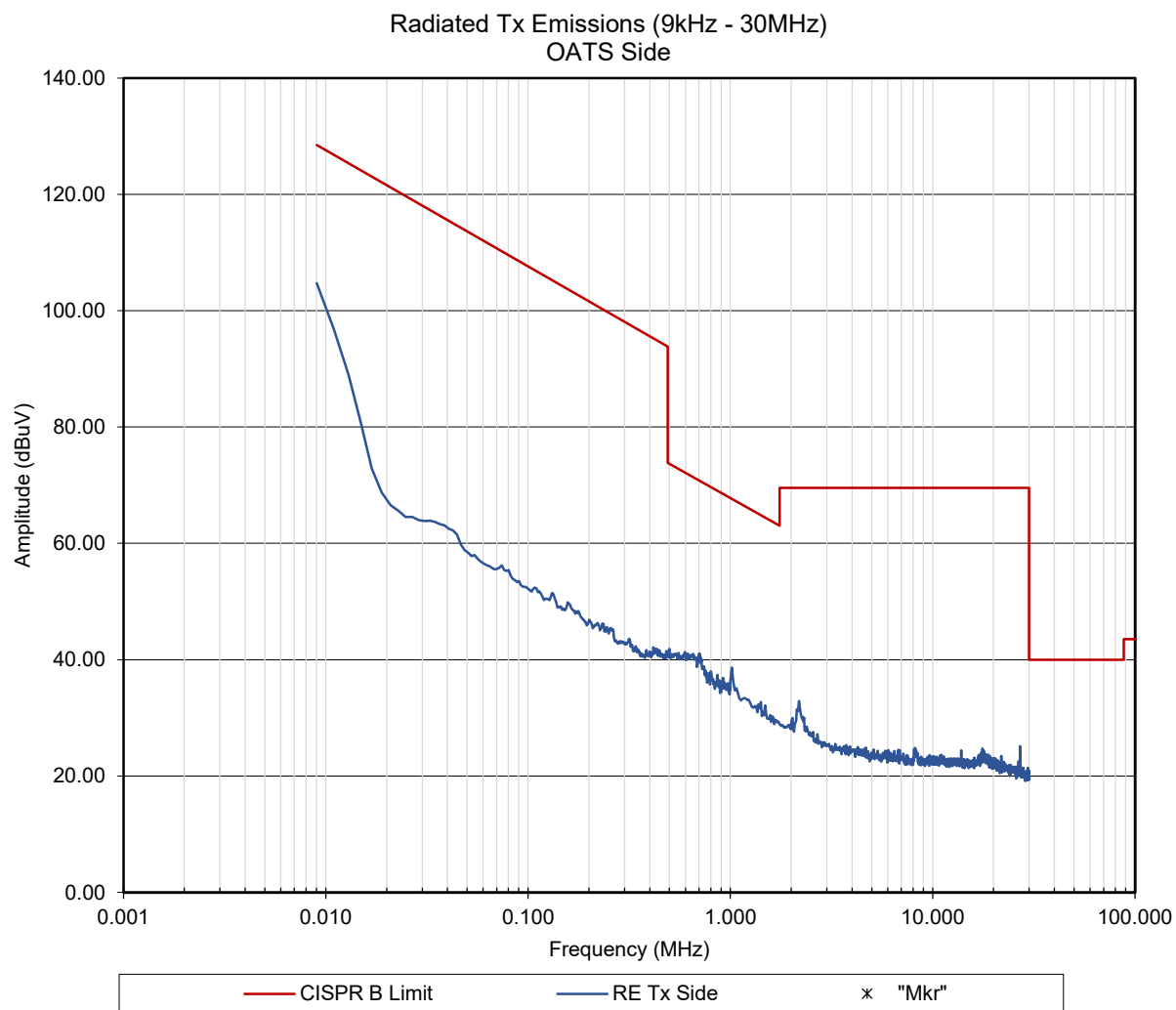
Where ACF^{E} is the Electric Antenna Correction Factor

* Without Manufacturer's Accessories, ** With Manufacturer's Accessories

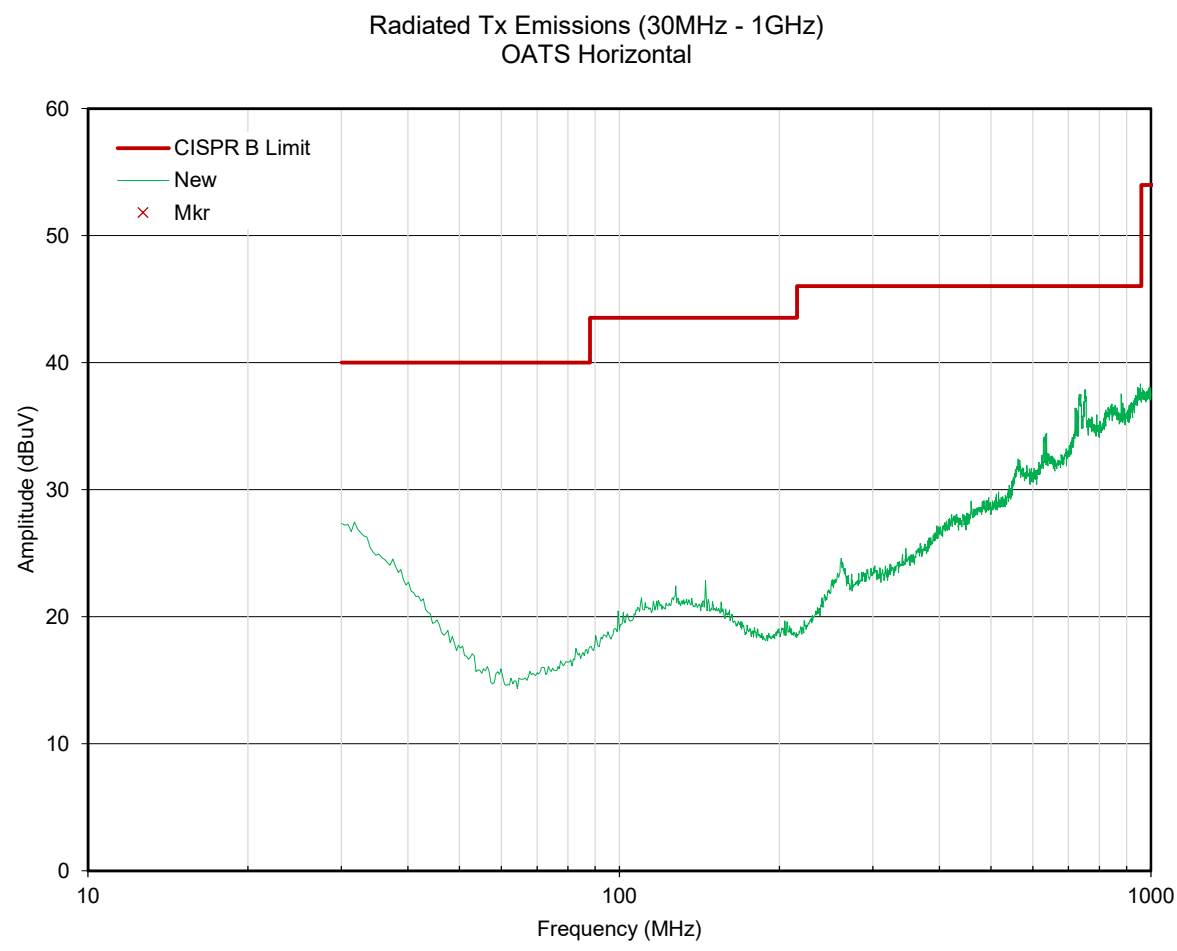
Radiated Tx Emissions:



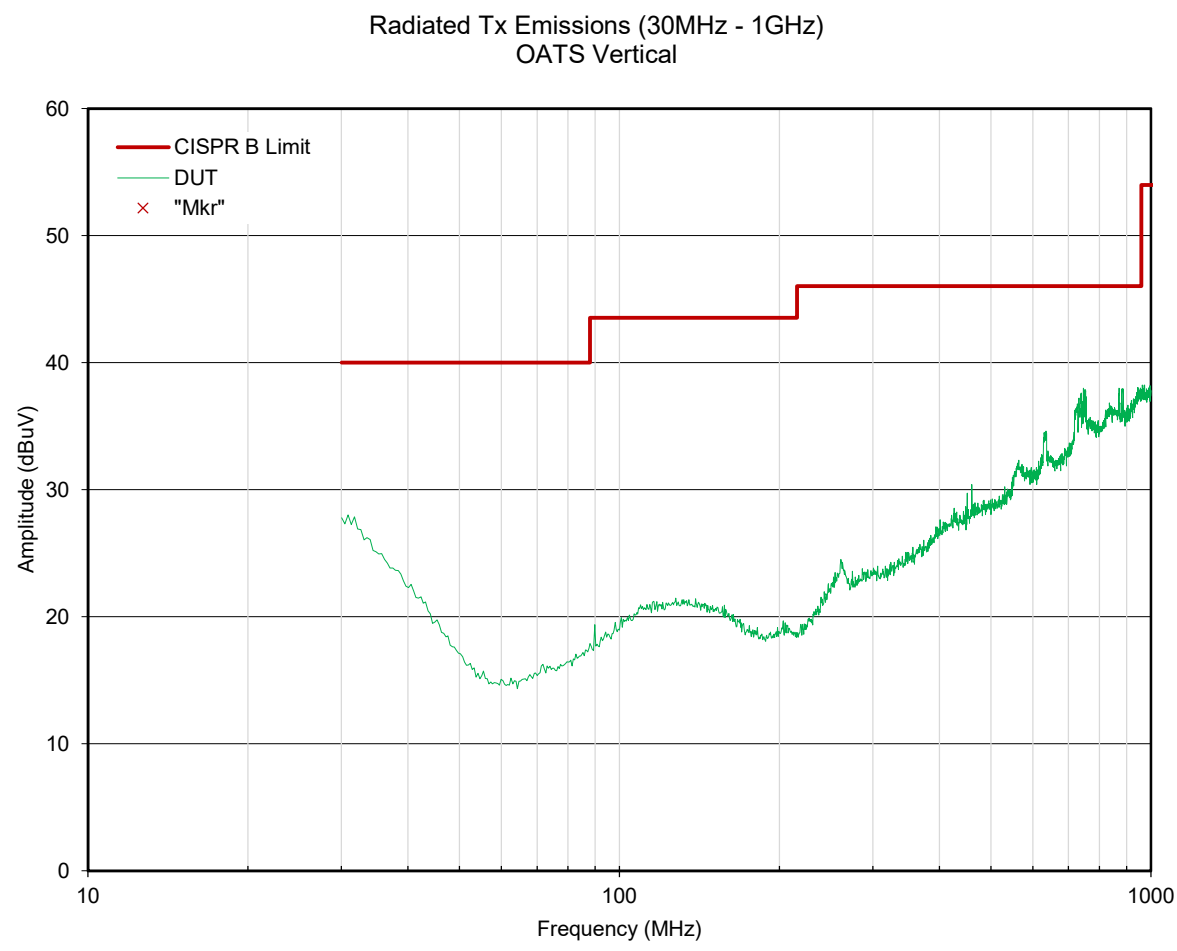
Radiated Tx Emissions:



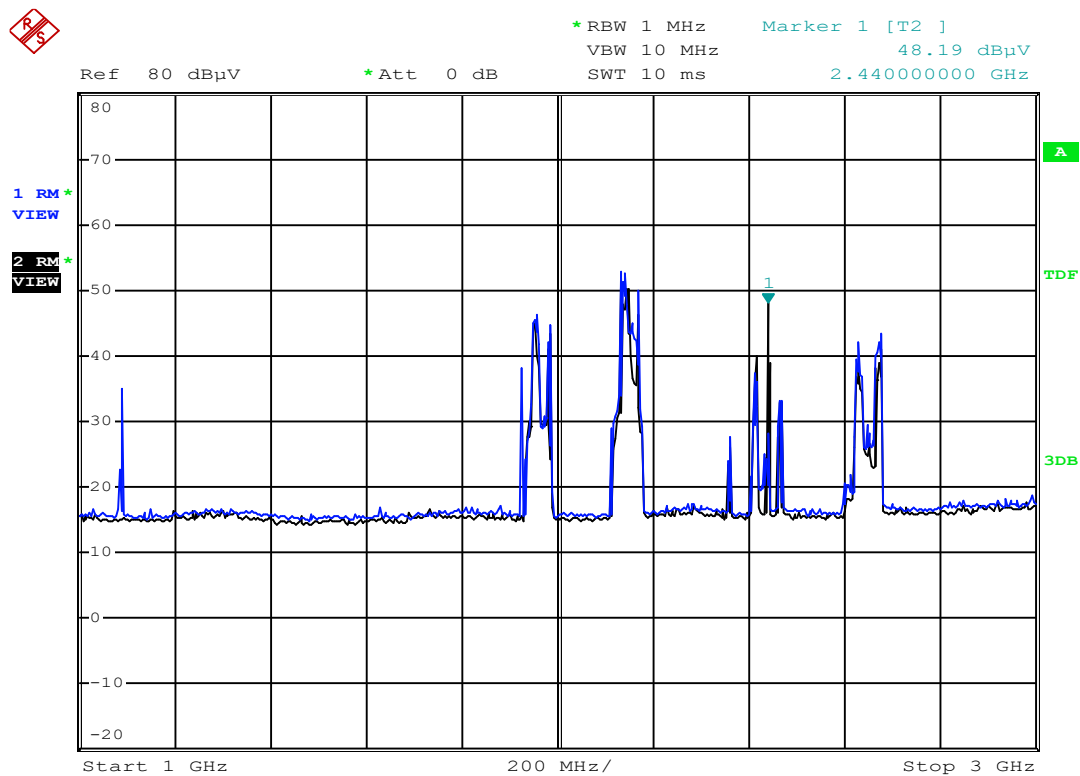
Radiated Tx Emissions:



Radiated Tx Emissions:



Radiated Tx Emissions:



Date: 17.JUL.2024 10:36:00

Channel: 38

Mode: BT BR

Polarization: **Horizontal**

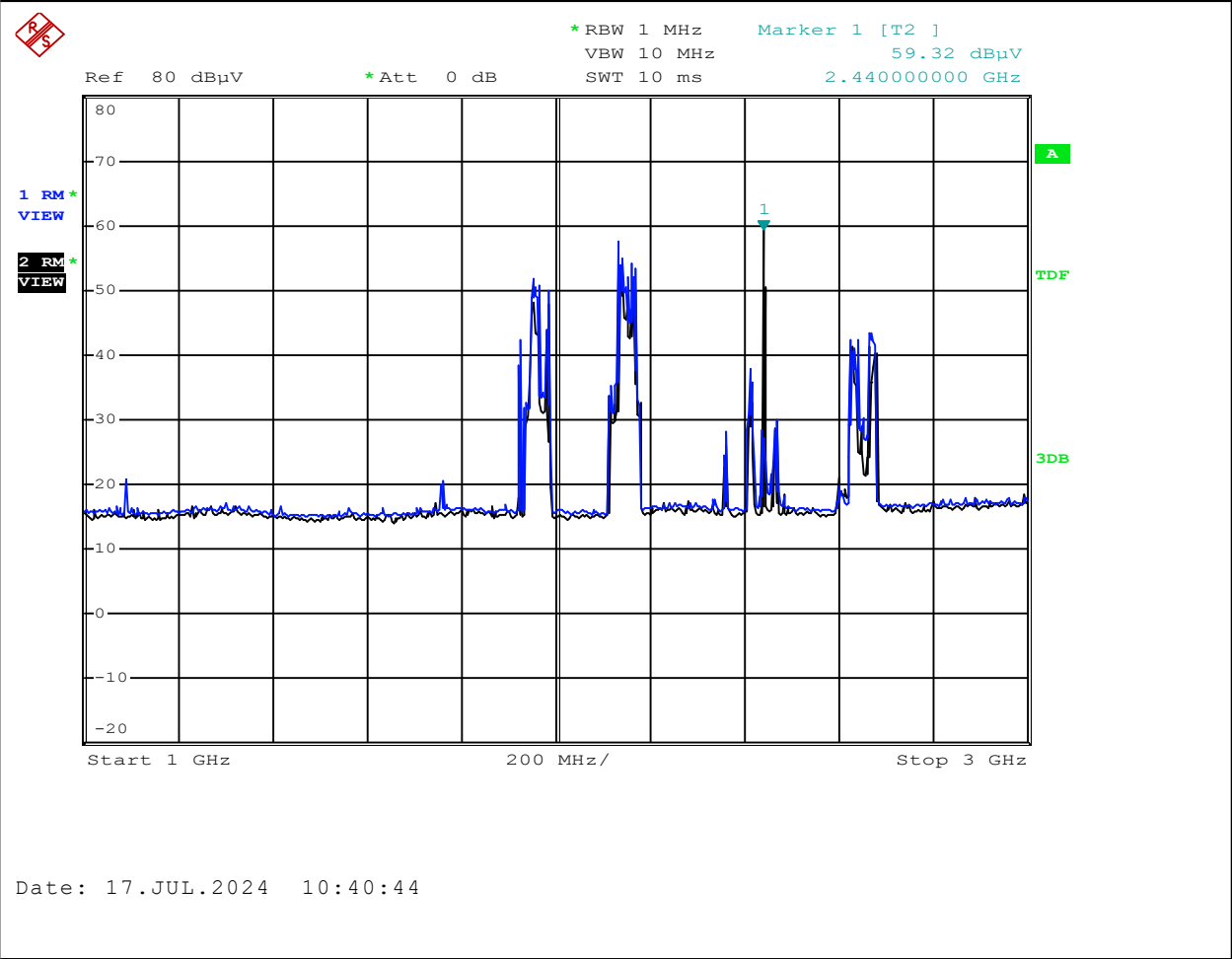
Emission Frequency: **Fundamental** MHz

Channel Frequency: 2440 MHz

Modulation: **GFSK**

Measured Channel Power: 48.19 dBuV

Radiated Tx Emissions:



Channel: 38

Mode: BT BR

Polarization: Vertical

Emission Frequency: Fundamental MHz

Channel Frequency: 2440 MHz

Modulation: GFSK

Measured Channel Power: 59.32 dBμV

Radiated Tx Emissions:

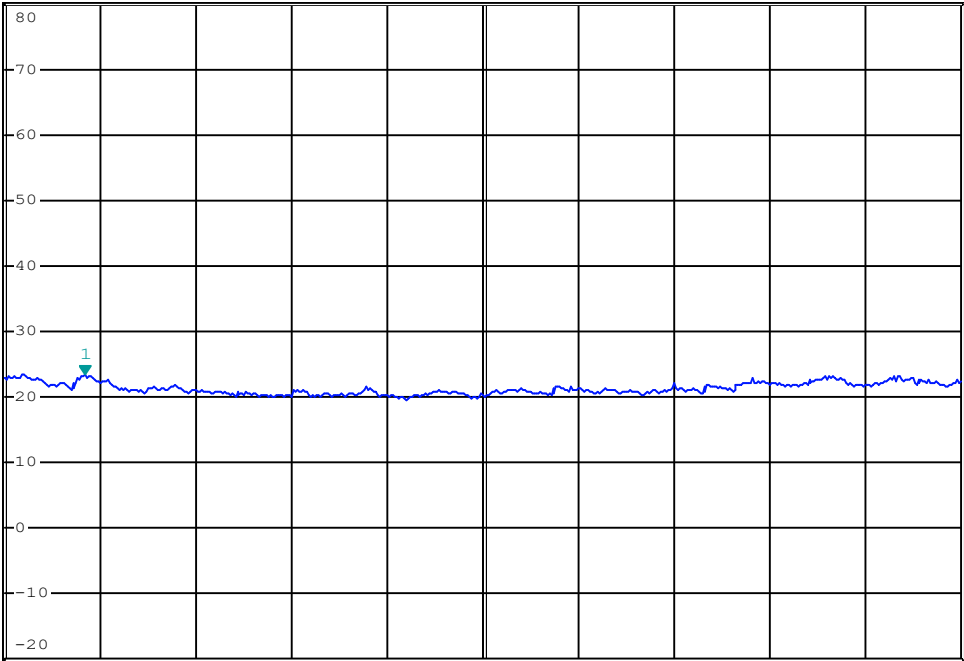


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 23.48 dBμV
SWT 140 ms 3.588000000 GHz

Ref 80 dBμV

*Att 0 dB

1 RM
VIEW



A

TDF

3DB

Start 3 GHz 700 MHz/ Stop 10 GHz

Date: 17.JUL.2024 10:36:18

Channel: 38

Mode: BT BR

Polarization: Horizontal

Emission Frequency: ND MHz

Channel Frequency: 2440 MHz

Modulation: GFSK

Measured Emission Power: ND dBuV

Radiated Tx Emissions:

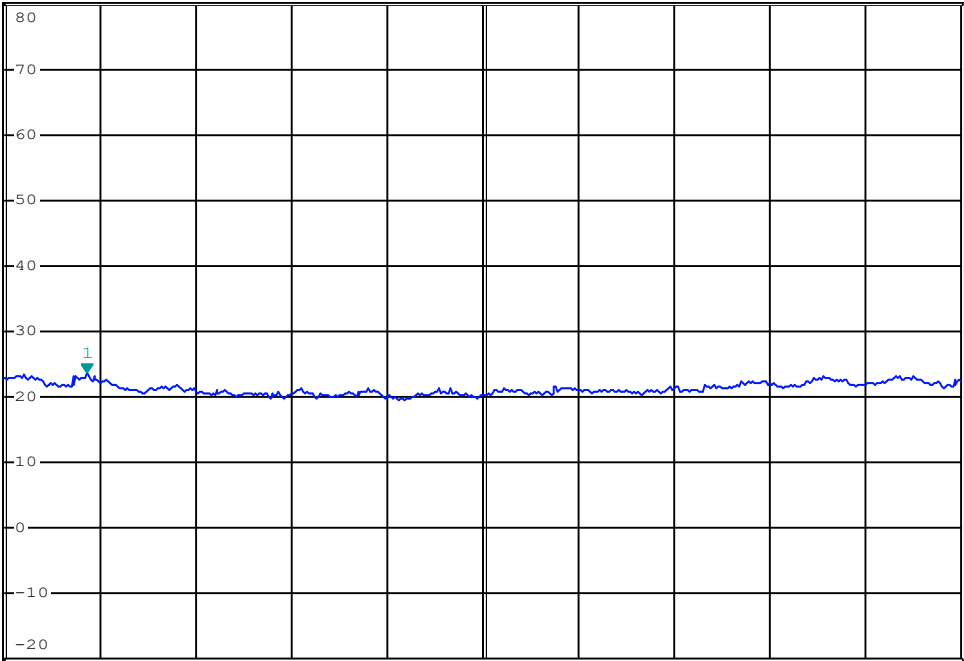


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 23.74 dBμV
SWT 140 ms 3.602000000 GHz

Ref 80 dBμV

*Att 0 dB

1 RM
VIEW



Start 3 GHz 700 MHz/ Stop 10 GHz

Date: 17.JUL.2024 10:41:05

Channel: 38

Mode: BT BR

Polarization: Vertical

Emission Frequency: ND MHz

Channel Frequency: 2440 MHz

Modulation: GFSK

Measured Emission Power: ND dBuV

Radiated Tx Emissions:

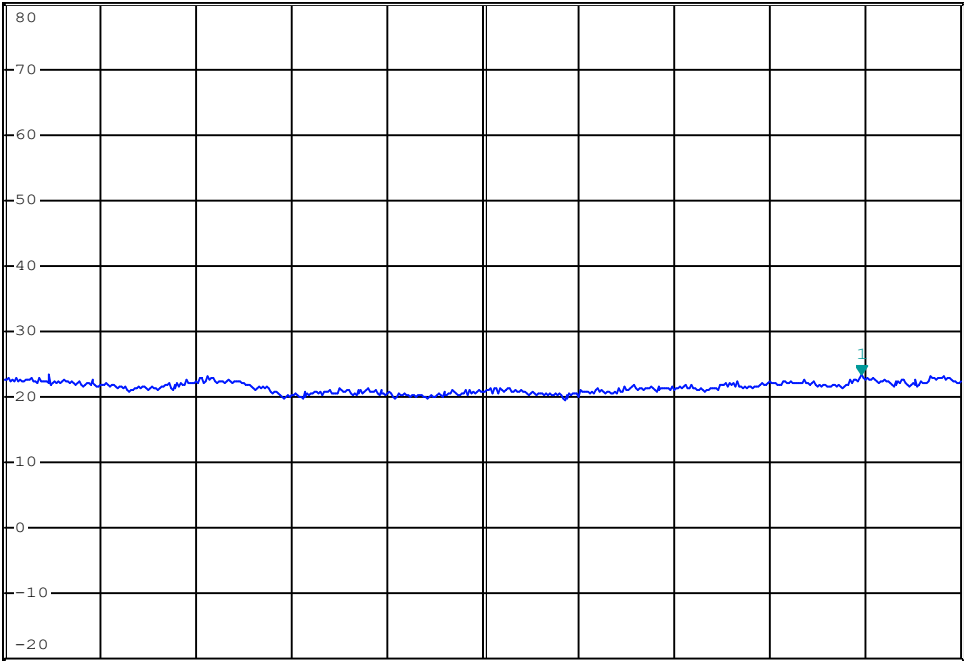


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 23.43 dBμV
SWT 75 ms 13.225600000 GHz

Ref 80 dBμV

*Att 0 dB

1 RM
VIEW



Start 10 GHz 360 MHz/ Stop 13.6 GHz

Date: 17.JUL.2024 10:36:30

Channel: 38

Mode: BT BR

Polarization: Horizontal

Emission Frequency: ND MHz

Channel Frequency: 2440 MHz

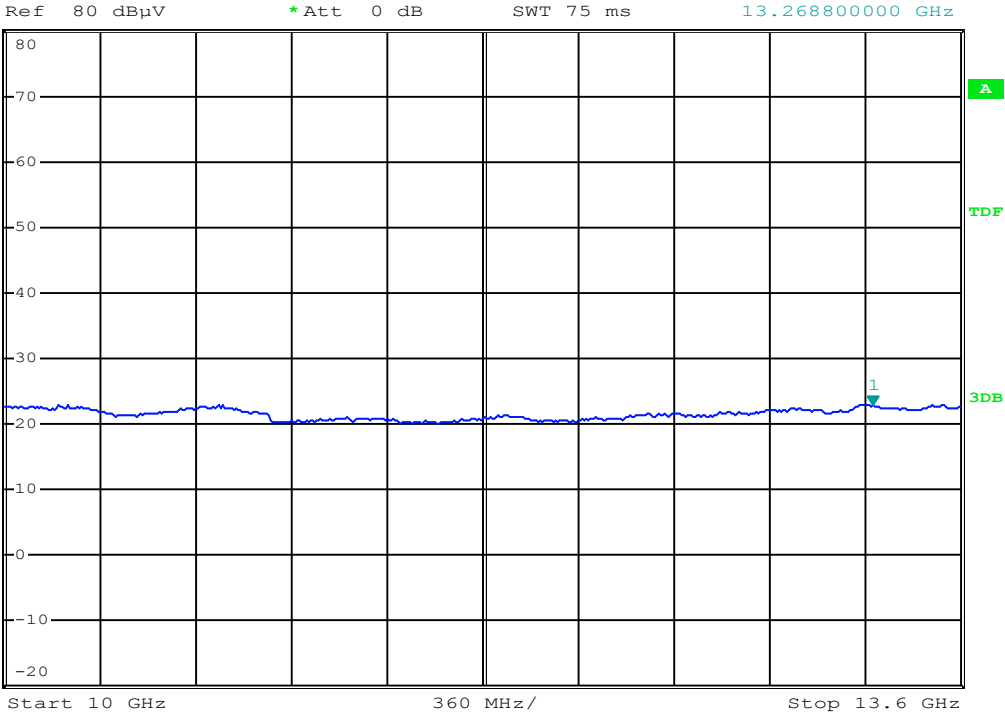
Modulation: GFSK

Measured Emission Power: ND dBuV

Radiated Tx Emissions:



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 23.02 dBμV
SWT 75 ms 13.268800000 GHz



Date: 17.JUL.2024 10:41:27

Channel: 38

Mode: BT BR

Polarization: Vertical

Emission Frequency: ND MHz

Channel Frequency: 2440 MHz

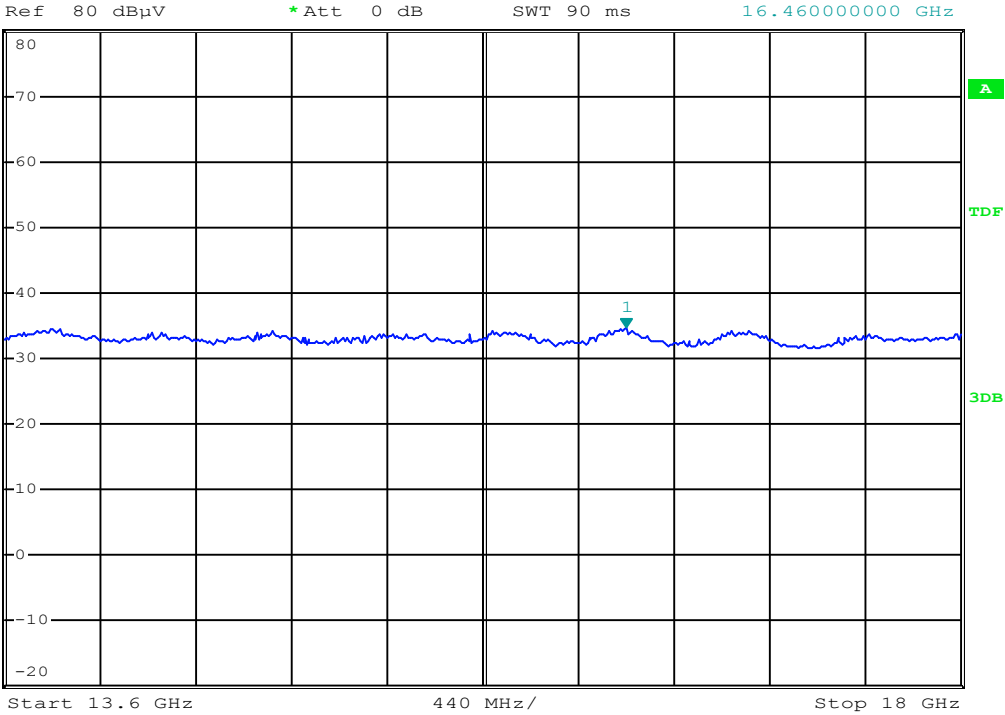
Modulation: GFSK

Measured Emission Power: ND dBuV

Radiated Tx Emissions:



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 34.70 dBμV
SWT 90 ms 16.460000000 GHz



Date: 17.JUL.2024 10:36:47

Channel: 38

Mode: BT BR

Polarization: Horizontal

Emission Frequency: ND MHz

Channel Frequency: 2440 MHz

Modulation: GFSK

Measured Emission Power: ND dBuV

Radiated Tx Emissions:

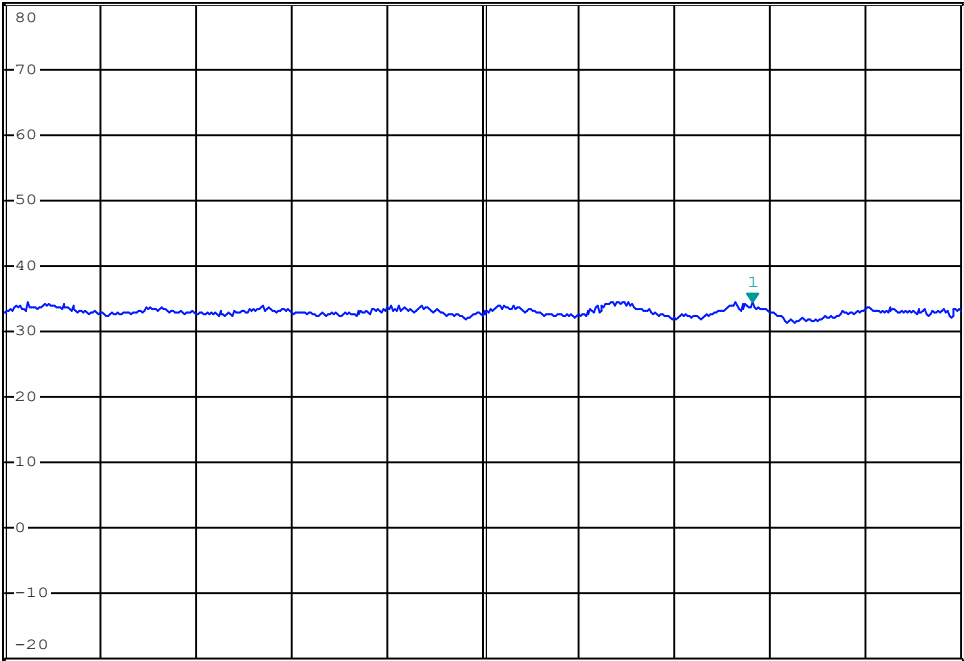


*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 34.52 dBμV
SWT 90 ms 17.040800000 GHz

Ref 80 dBμV

*Att 0 dB

1 RM
VIEW



Start 13.6 GHz 440 MHz/ Stop 18 GHz

Date: 17.JUL.2024 10:41:43

Channel: 38

Mode: BT BR

Polarization: Vertical

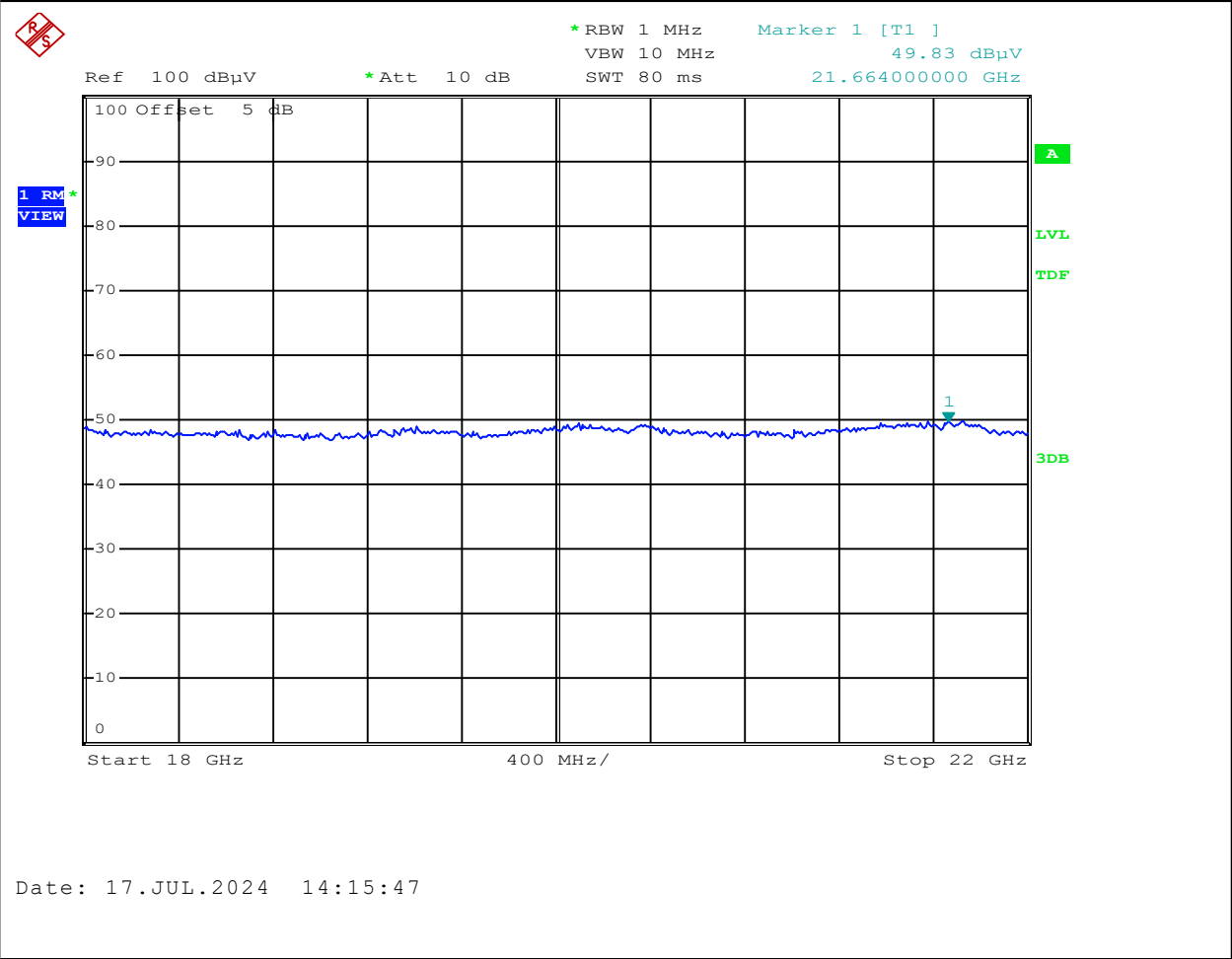
Emission Frequency: ND MHz

Channel Frequency: 2440 MHz

Modulation: GFSK

Measured Emission Power: ND dBuV

Radiated Tx Emissions:



Channel: 38

Mode: BT BR

Polarization: Horizontal

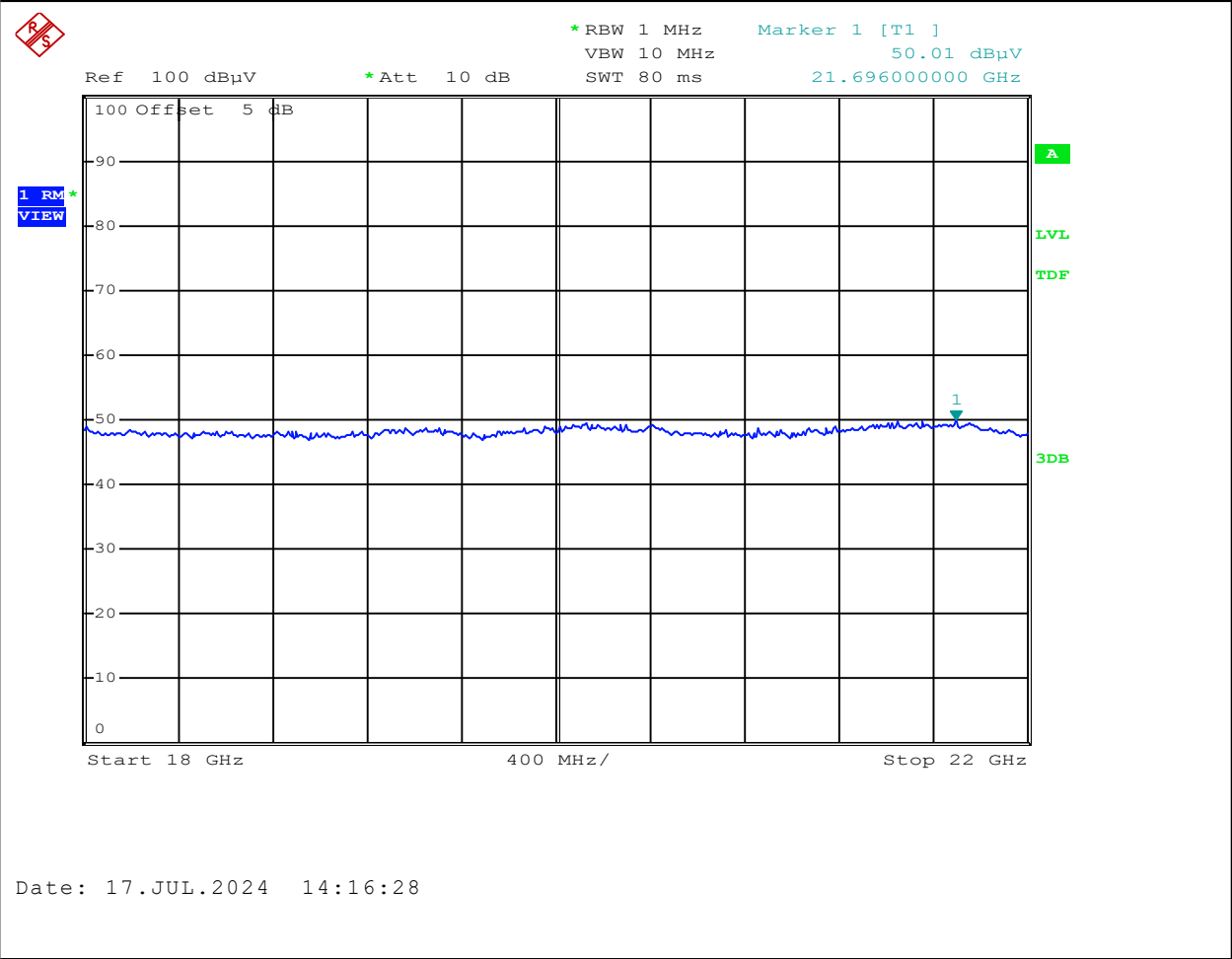
Emission Frequency: ND MHz

Channel Frequency: 2440 MHz

Modulation: GFSK

Measured Emission Power: ND dBuV

Radiated Tx Emissions:



Channel: 38

Mode: BT BR

Polarization: Vertical

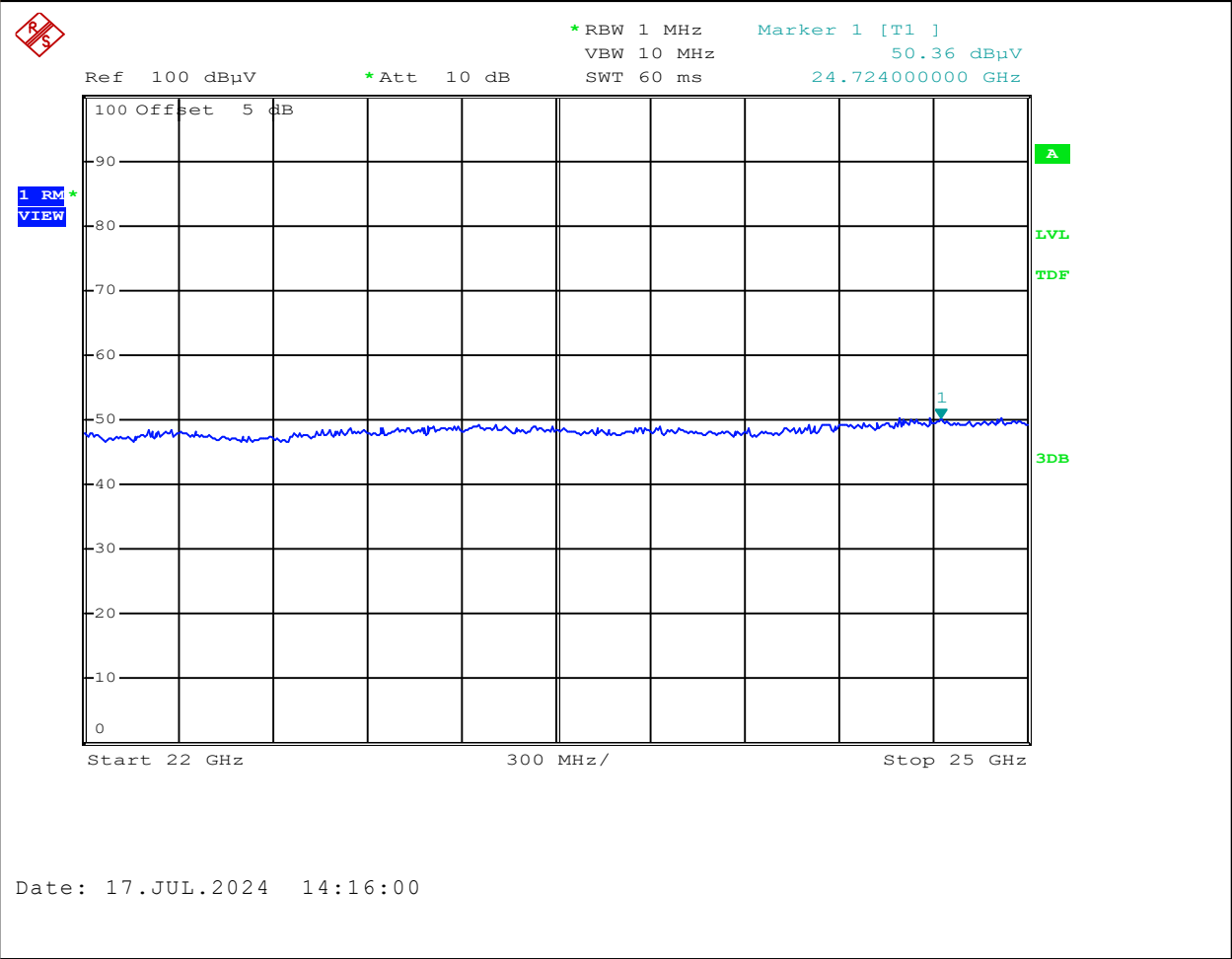
Emission Frequency: ND MHz

Channel Frequency: 2440 MHz

Modulation: GFSK

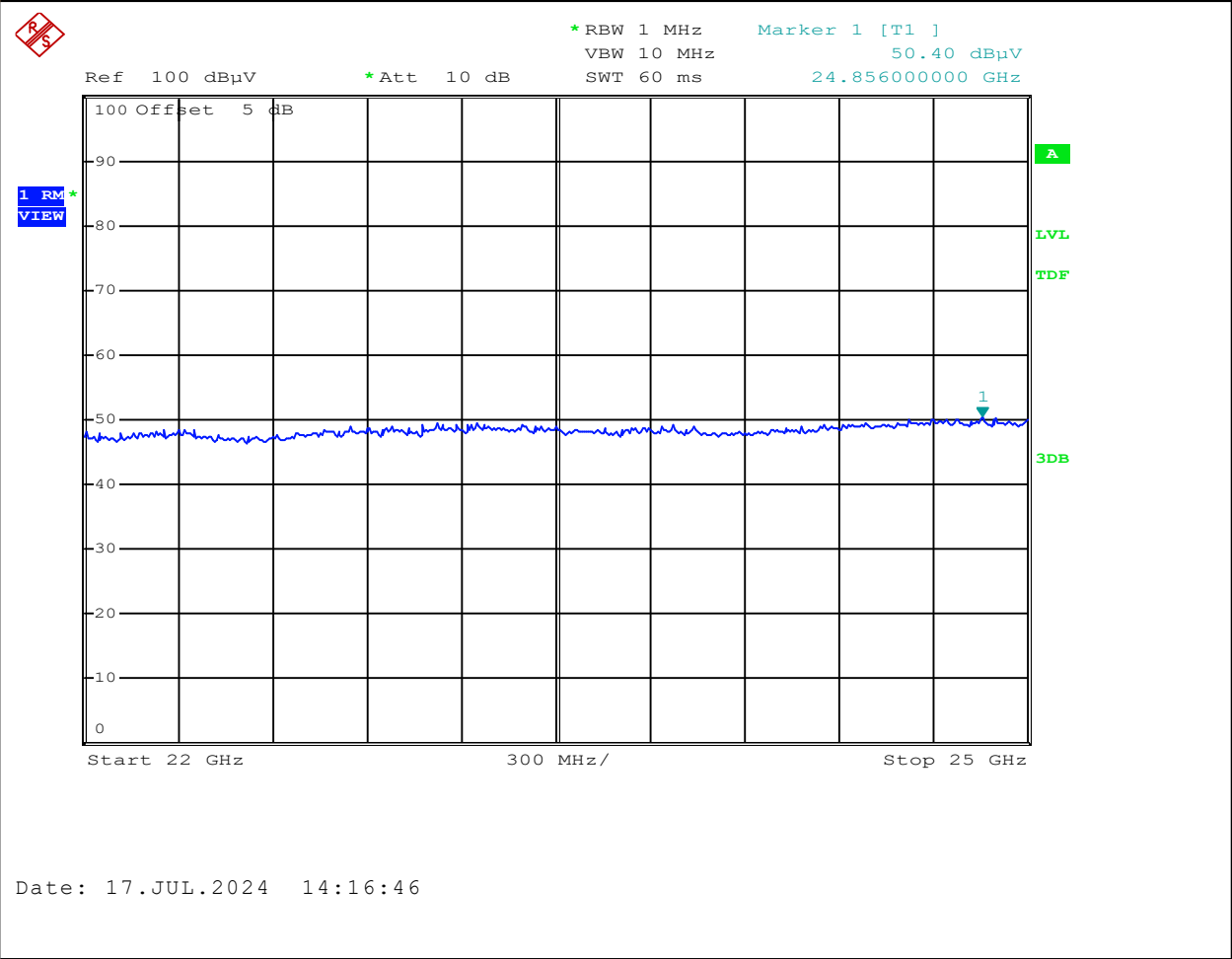
Measured Emission Power: ND dBuV

Radiated Tx Emissions:



Channel:	38	Channel Frequency:	2440	MHz
Mode:	BT BR	Modulation:	GFSK	
Polarization:	Horizontal	Measured Emission Power:	ND	dBuV
Emission Frequency:	ND	MHz		

Radiated Tx Emissions:



Channel: 38

Mode: BT BR

Polarization: Vertical

Emission Frequency: ND MHz

Channel Frequency: 2440 MHz

Modulation: GFSK

Measured Emission Power: ND dBuV

Summary of Radiated Rx Emissions										
Measured Frequency Range (MHz)	Channel Frequency (MHz)	Antenna Polarization	Emission Frequency (MHz)	Measured Emission [E _{Meas}] (dBuV)	Antenna ACF [ACF] (dB)	Cable Loss [L _C] (dB)	Amplifier Gain [G _A] (dB)	Corrected Emission [E _{Corr}] (dBuV/m)	Limit (dBuV)	Margin (dB)
30-1000	-	Horizontal	(1)	(1) AV	-	-	0.00 (3)	(1)	-	(1)
30-1000	-	Vertical	(1)	(1) AV	-	-	0.00 (3)	(1)	-	(1)
1000-25000	-	Horizontal	(1)	(1) AV	-	-	0.00 (3)	(1)	54.0	(1)
1000-25000	-	Vertical	(1)	(1) AV	-	-	0.00 (3)	(1)	54.0	(1)
Results:									Complies	

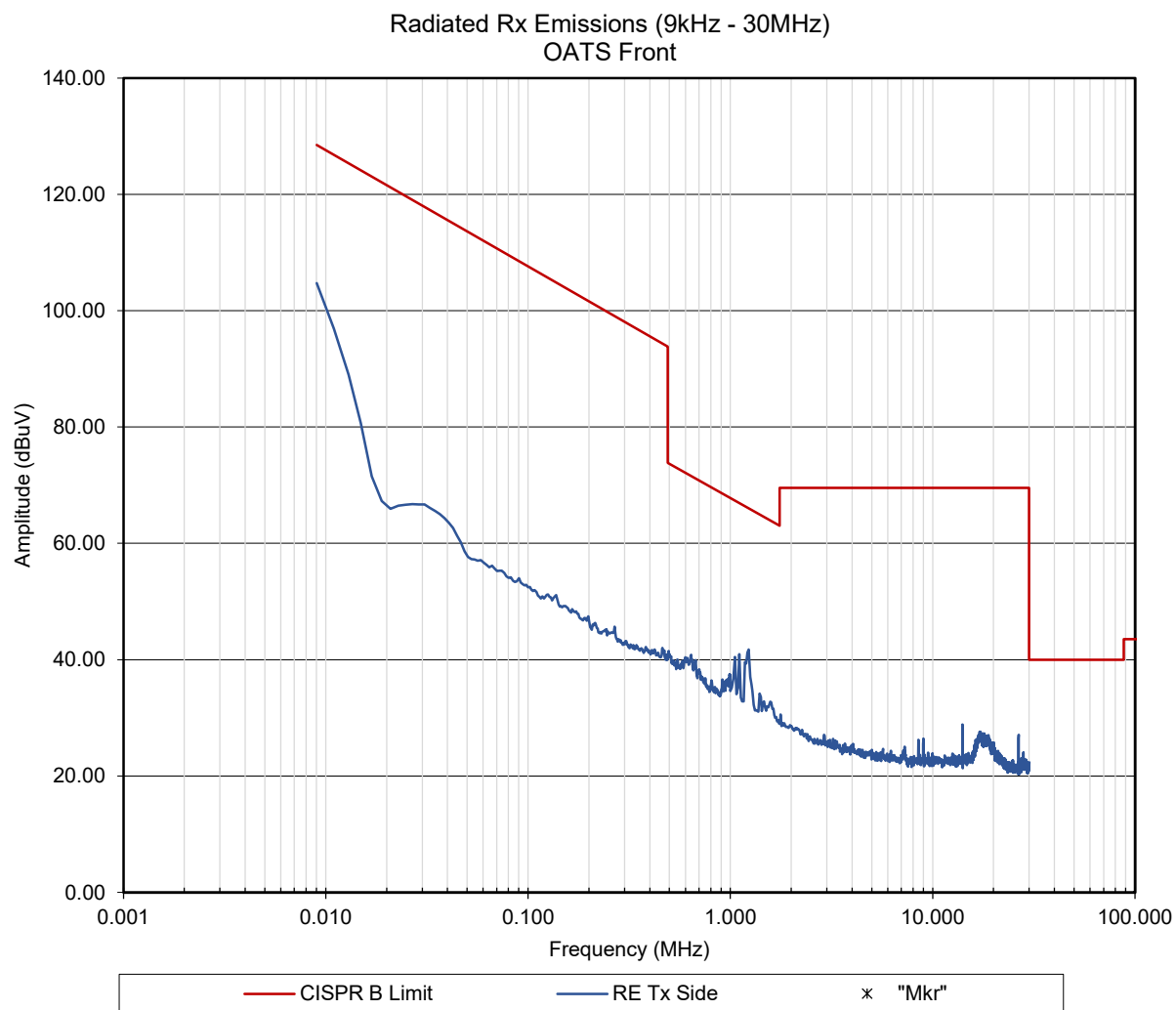
(1) No Emissions Detected (ND) above ambient or within 20dB of the limit

(3) External Amplier not used

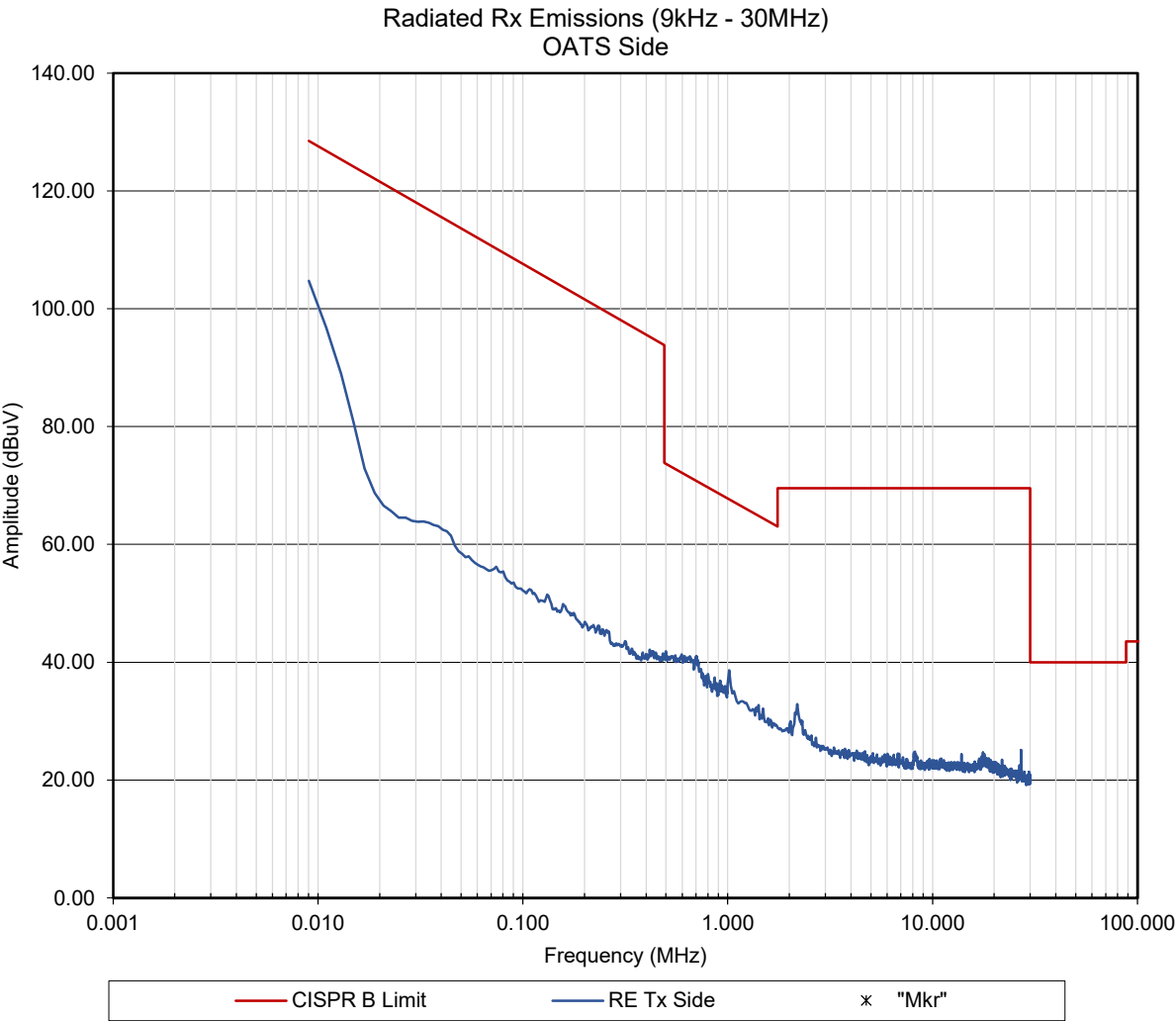
$E_{Corr} = E_{Meas} + ACF^E + L_C - G_A$

Where ACF^E is the Electric Antenna Correction Factor

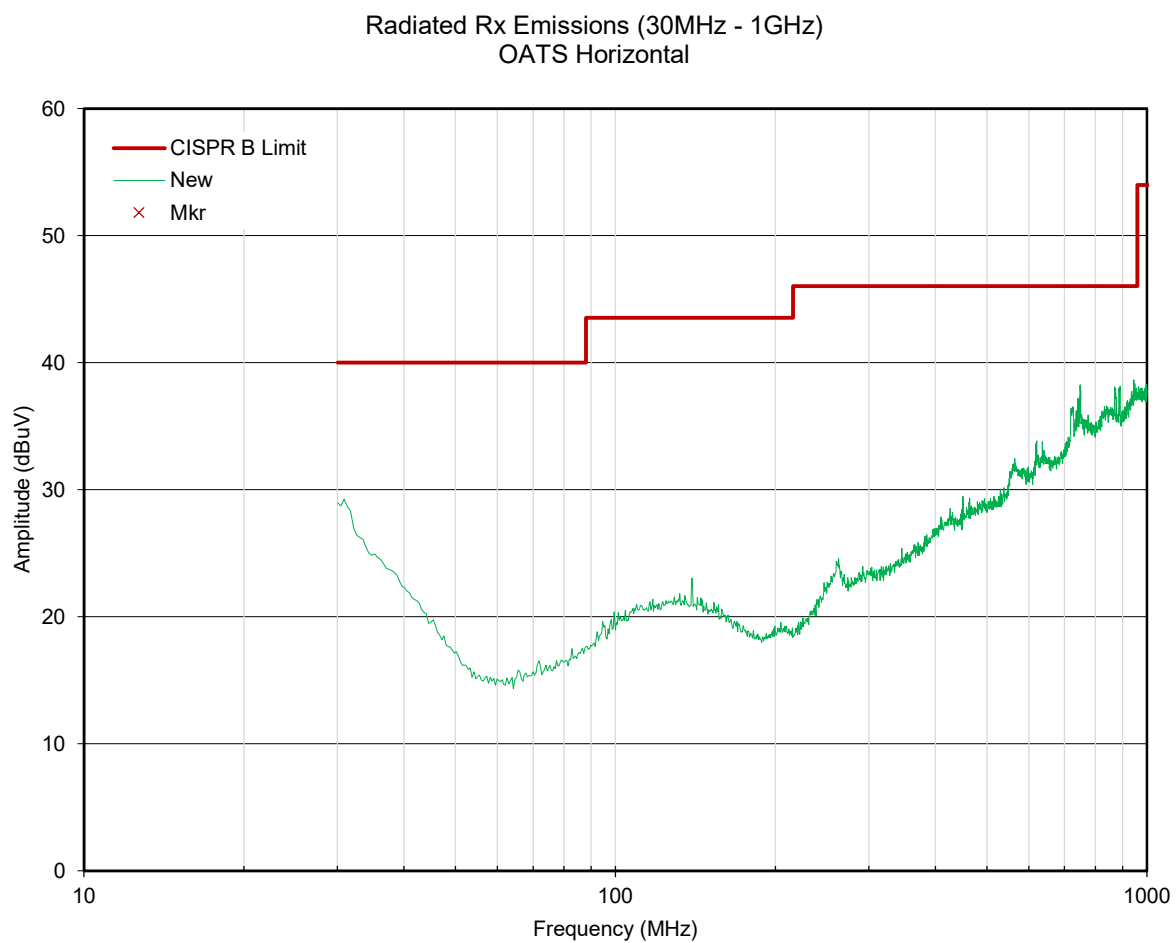
Radiated Rx Emissions:



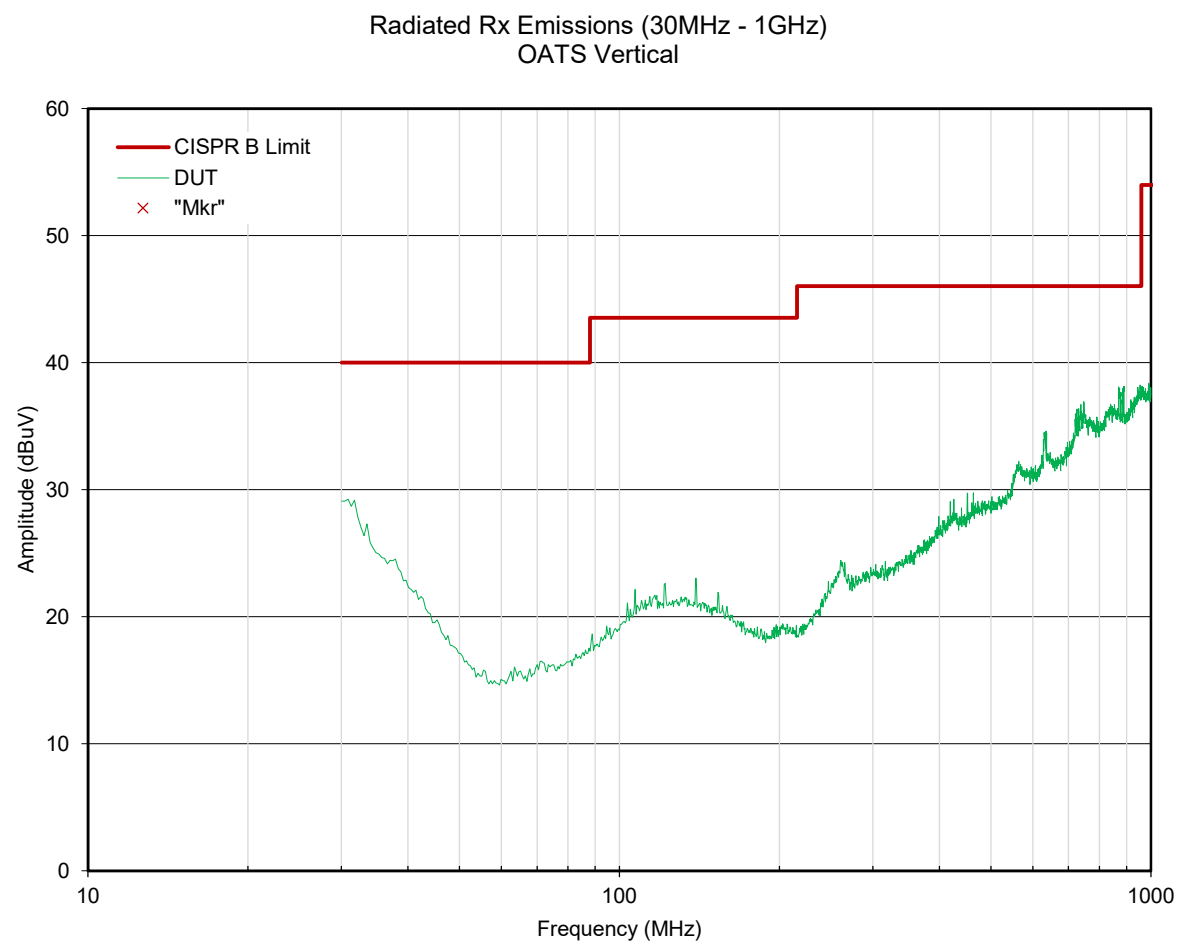
Radiated Rx Emissions:



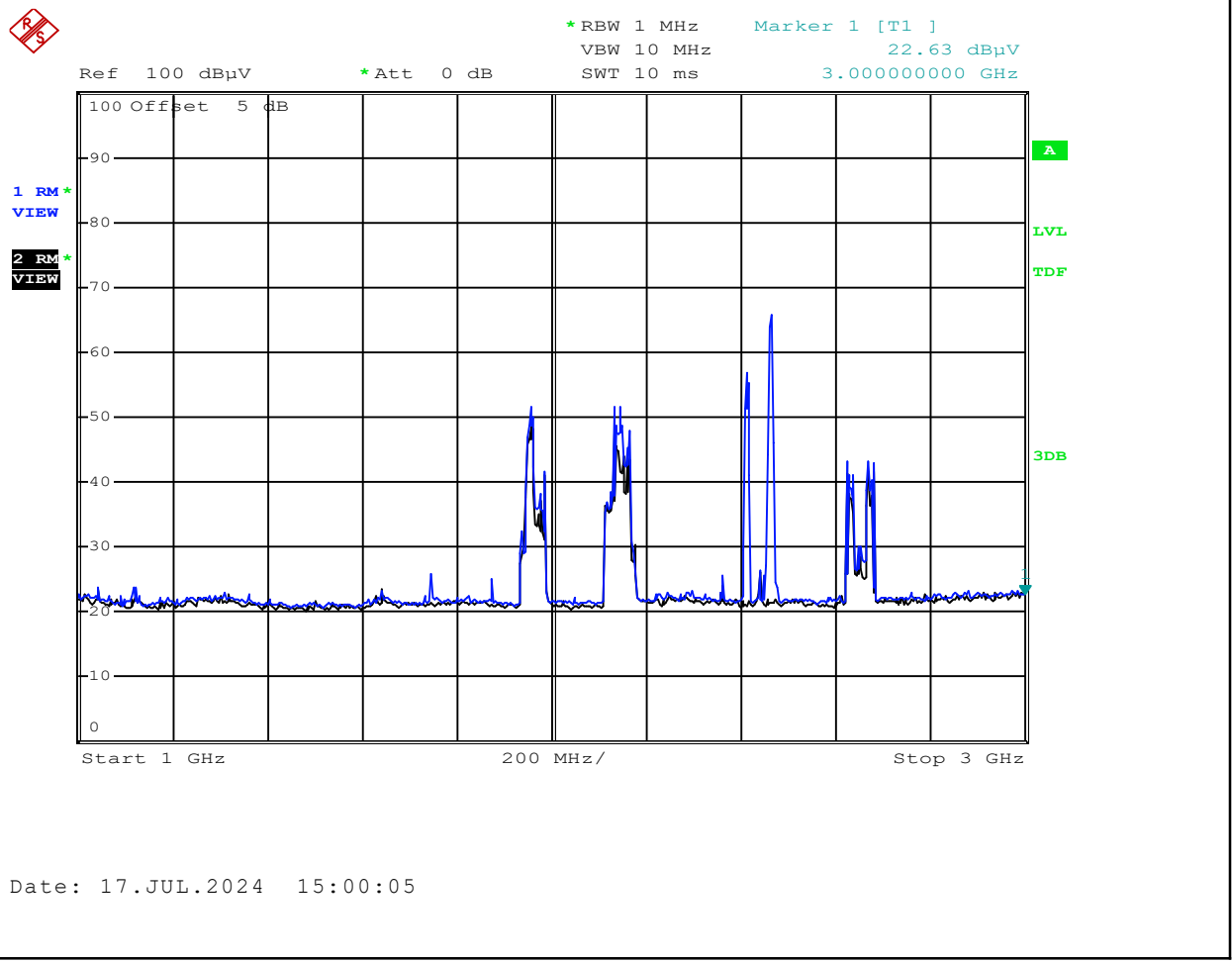
Radiated Tx Emissions:



Radiated Tx Emissions:



Radiated Rx Emissions:



Date: 17.JUL.2024 15:00:05

Channel: -

Mode: -

Polarization: HorizontalEmission Frequency: ND MHz

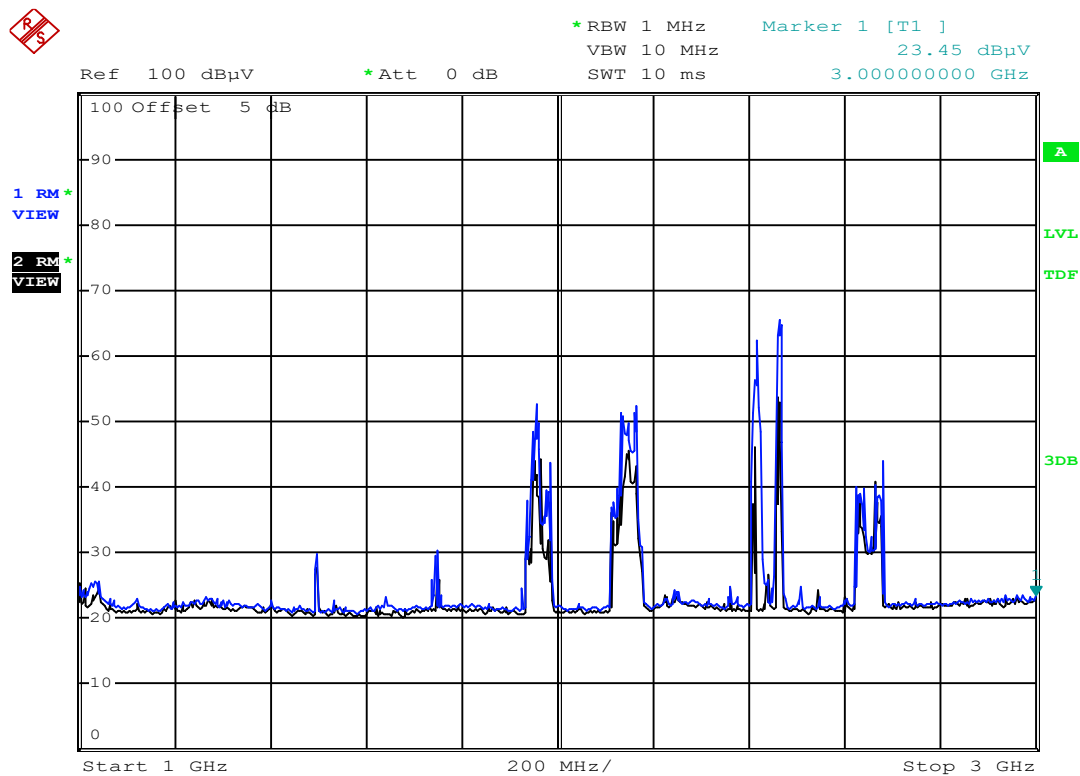
Channel Frequency: - MHz

Modulation: -

Measured Channel Power(PK): ND dBm

Measured Channel Power(AV): ND dBm

Radiated Rx Emissions:



Date: 17.JUL.2024 15:00:56

Channel: -

Mode: -

Polarization: **Vertical**Emission Frequency: ND MHz

Channel Frequency: - MHz

Modulation: -

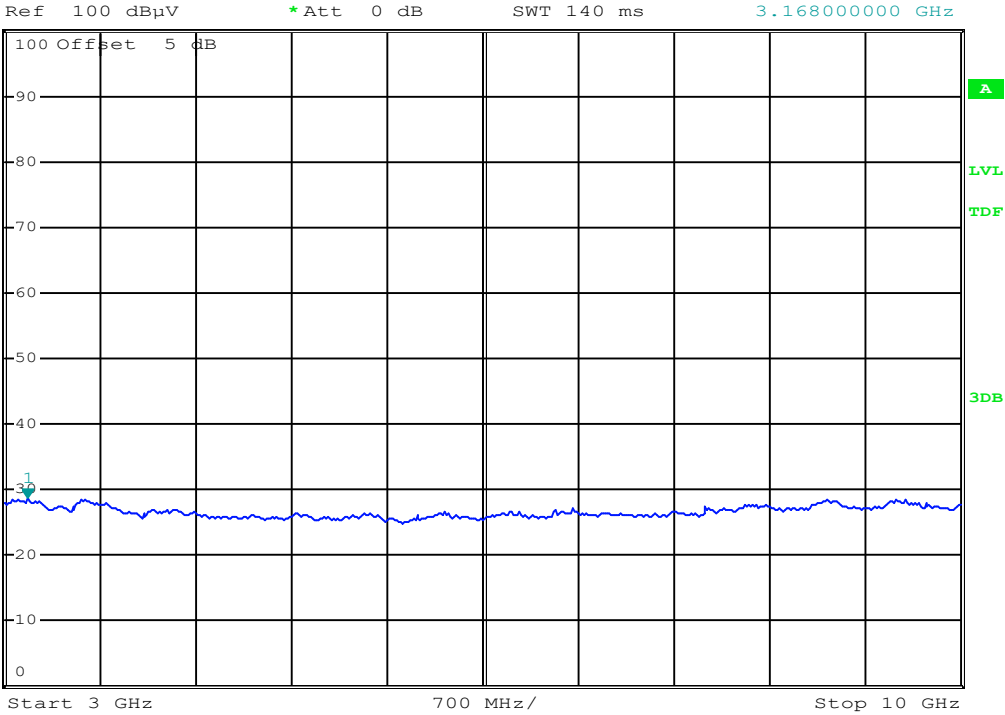
Measured Channel Power(PK): ND dBm

Measured Channel Power(AV): ND dBm

Radiated Rx Emissions:



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 28.67 dBμV
SWT 140 ms 3.168000000 GHz



Date: 17.JUL.2024 15:01:46

Channel: -

Channel Frequency: - MHz

Mode: -

Modulation: -

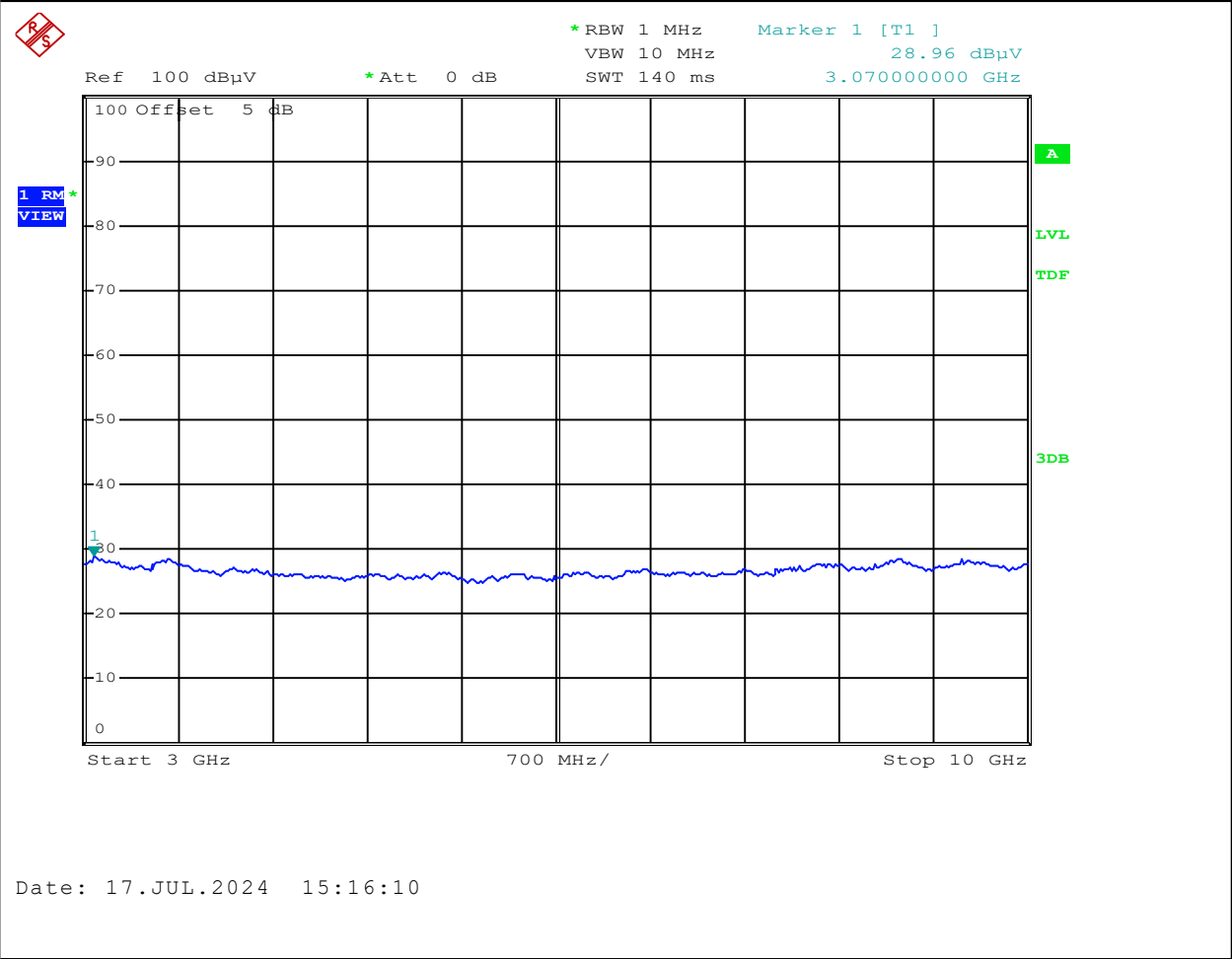
Polarization: Horizontal

Measured Channel Power(PK): ND dBm

Emission Frequency: ND MHz

Measured Channel Power(AV): ND dBm

Radiated Rx Emissions:



Channel: -

Mode: -

Polarization: Vertical

Emission Frequency: ND MHz

Channel Frequency: - MHz

Modulation: -

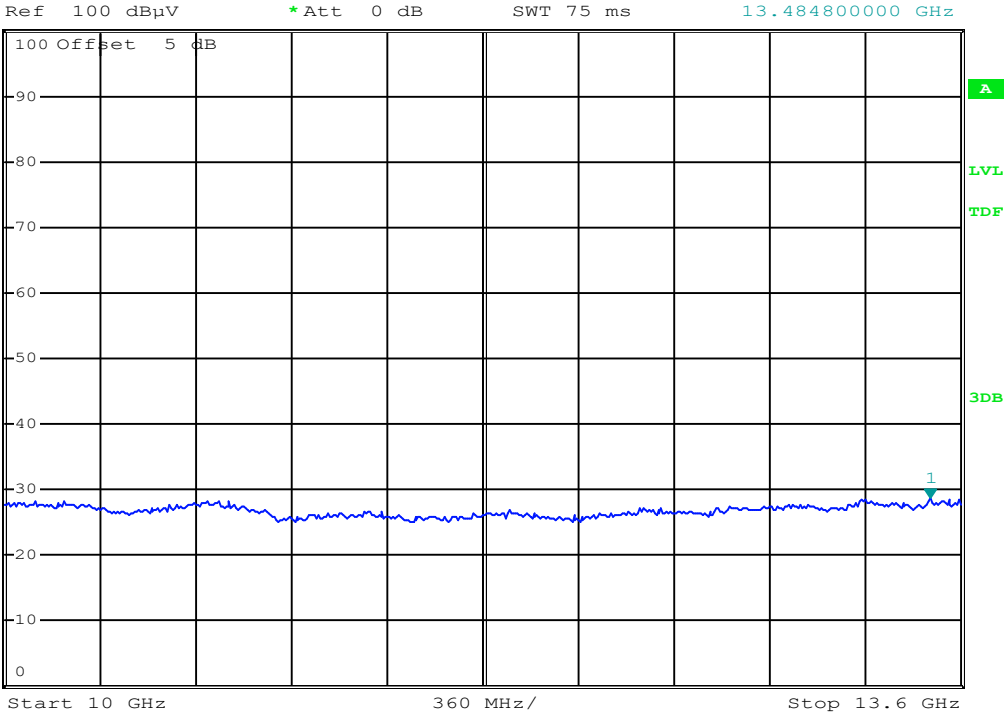
Measured Channel Power(PK): ND dBm

Measured Channel Power(AV): ND dBm

Radiated Rx Emissions:



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 28.62 dBμV
SWT 75 ms 13.484800000 GHz



Date: 17.JUL.2024 15:02:01

Channel: -

Channel Frequency: - MHz

Mode: -

Modulation: -

Polarization: Horizontal

Measured Channel Power(PK): ND dBm

Emission Frequency: ND MHz

Measured Channel Power(AV): ND dBm

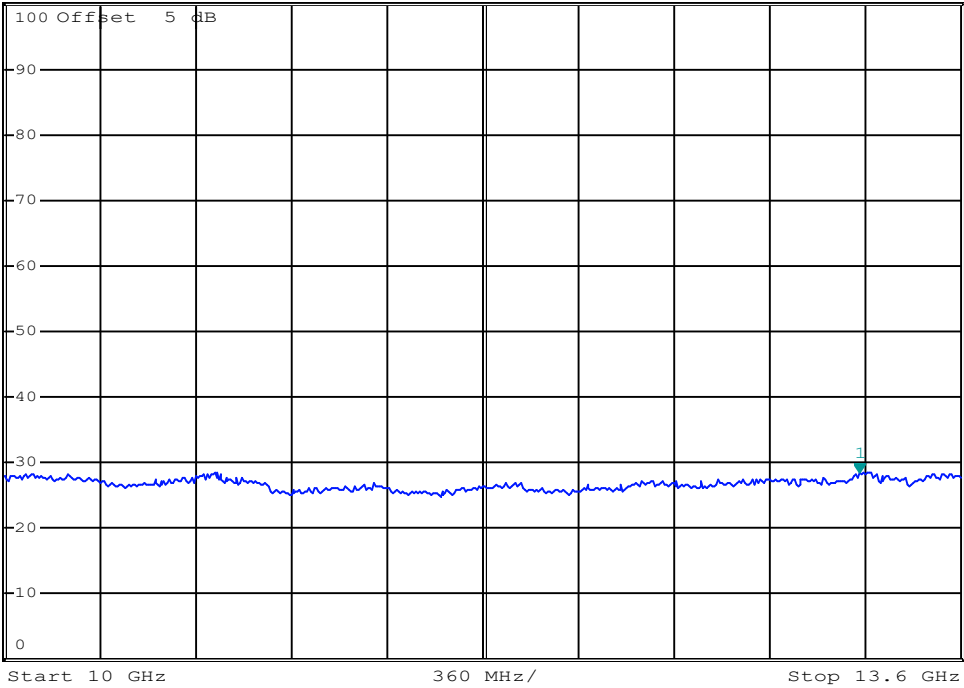
Radiated Rx Emissions:



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 28.61 dBμV
SWT 75 ms 13.218400000 GHz

Ref 100 dBμV *Att 0 dB

1 RM *
VIEW



Date: 17.JUL.2024 15:16:24

Channel: -

Channel Frequency: - MHz

Mode: -

Modulation: -

Polarization: Vertical

Measured Channel Power(PK): ND dBm

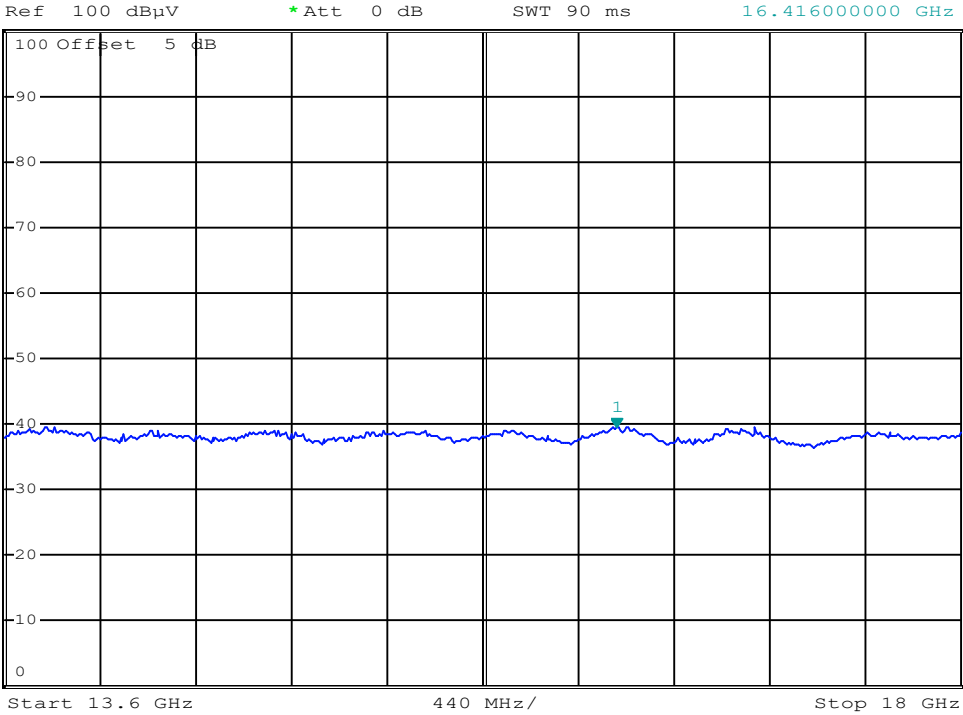
Emission Frequency: ND MHz

Measured Channel Power(AV): ND dBm

Radiated Rx Emissions:



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 39.58 dBμV
SWT 90 ms 16.416000000 GHz



Date: 17.JUL.2024 15:02:25

Channel:

Channel Frequency: MHz

Mode:

Modulation:

Polarization:

Measured Channel Power(PK): dBm

Emission Frequency: MHz

Measured Channel Power(AV): dBm

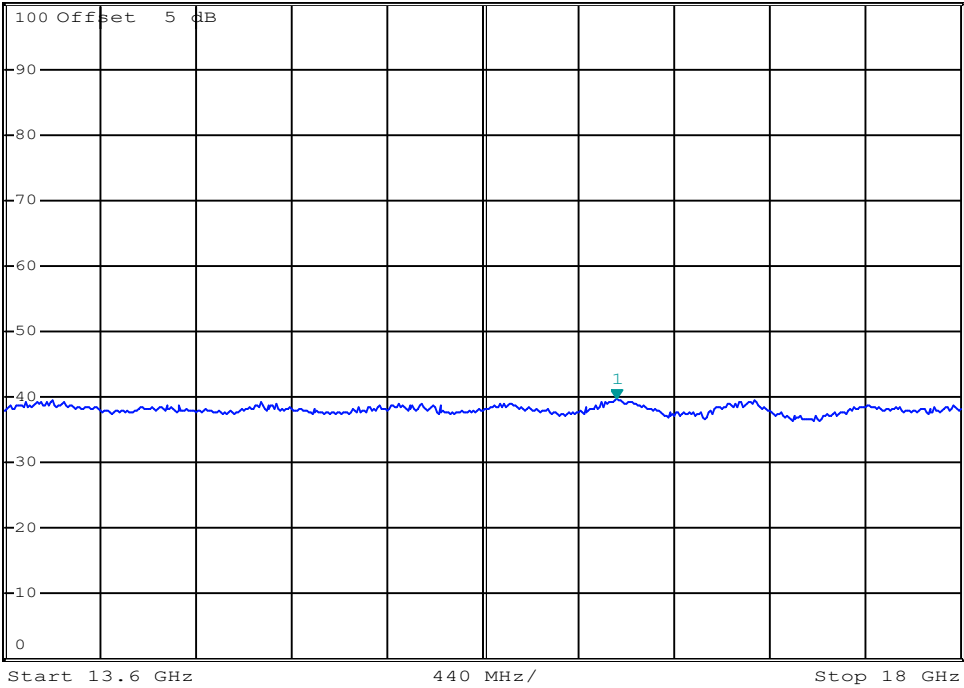
Radiated Rx Emissions:



*RBW 1 MHz Marker 1 [T1]
VBW 10 MHz 39.74 dBμV
SWT 90 ms 16.416000000 GHz

Ref 100 dBμV *Att 0 dB

1 RM
VIEW



Date: 17.JUL.2024 15:16:41

Channel: -

Channel Frequency: - MHz

Mode: -

Modulation: -

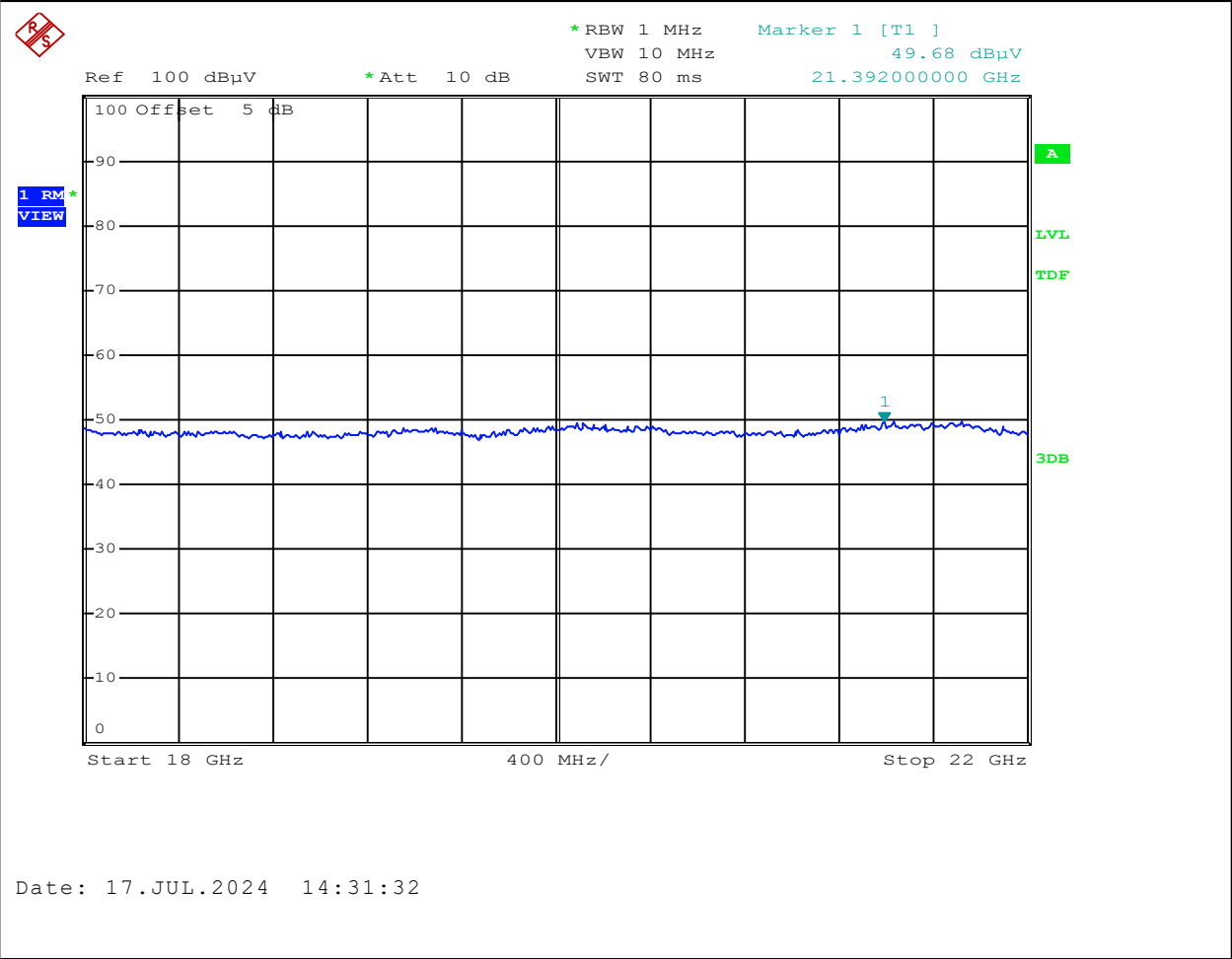
Polarization: Vertical

Measured Channel Power(PK): ND dBm

Emission Frequency: ND MHz

Measured Channel Power(AV): ND dBm

Radiated Rx Emissions:



Channel: -

Mode: -

Polarization: Horizontal

Emission Frequency: ND MHz

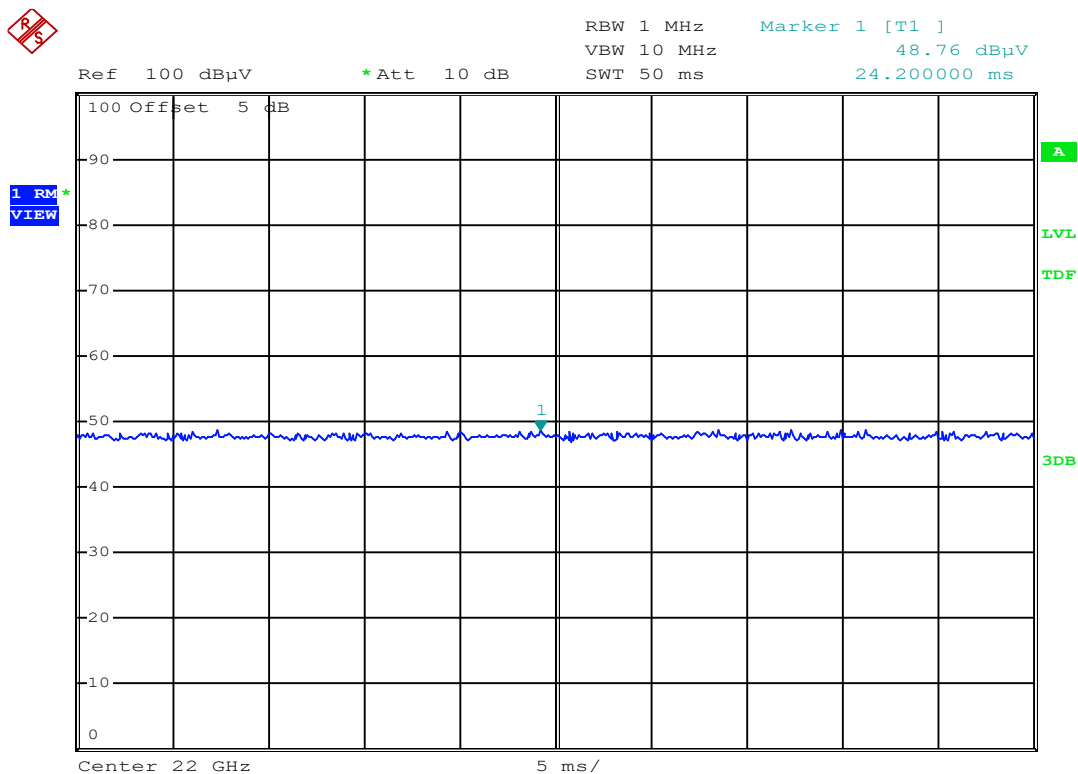
Channel Frequency: - MHz

Modulation: -

Measured Channel Power(PK): ND dBm

Measured Channel Power(AV): ND dBm

Radiated Rx Emissions:



Date: 17.JUL.2024 14:43:24

Channel: -

Mode: -

Polarization: **Vertical**Emission Frequency: ND MHz

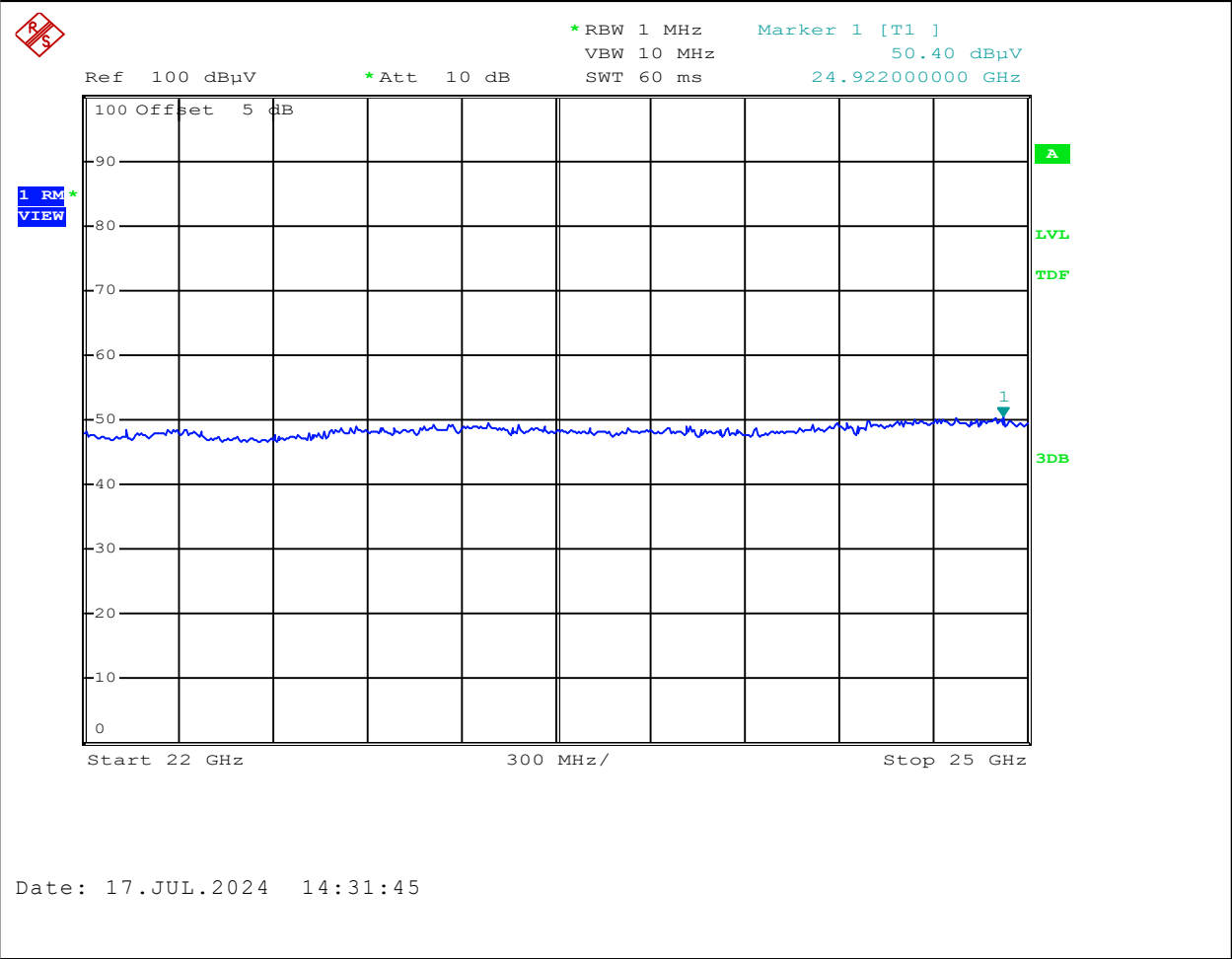
Channel Frequency: - MHz

Modulation: -

Measured Channel Power(PK): ND dBm

Measured Channel Power(AV): ND dBm

Radiated Rx Emissions:



Channel: -

Mode: -

Polarization: Horizontal

Emission Frequency: ND MHz

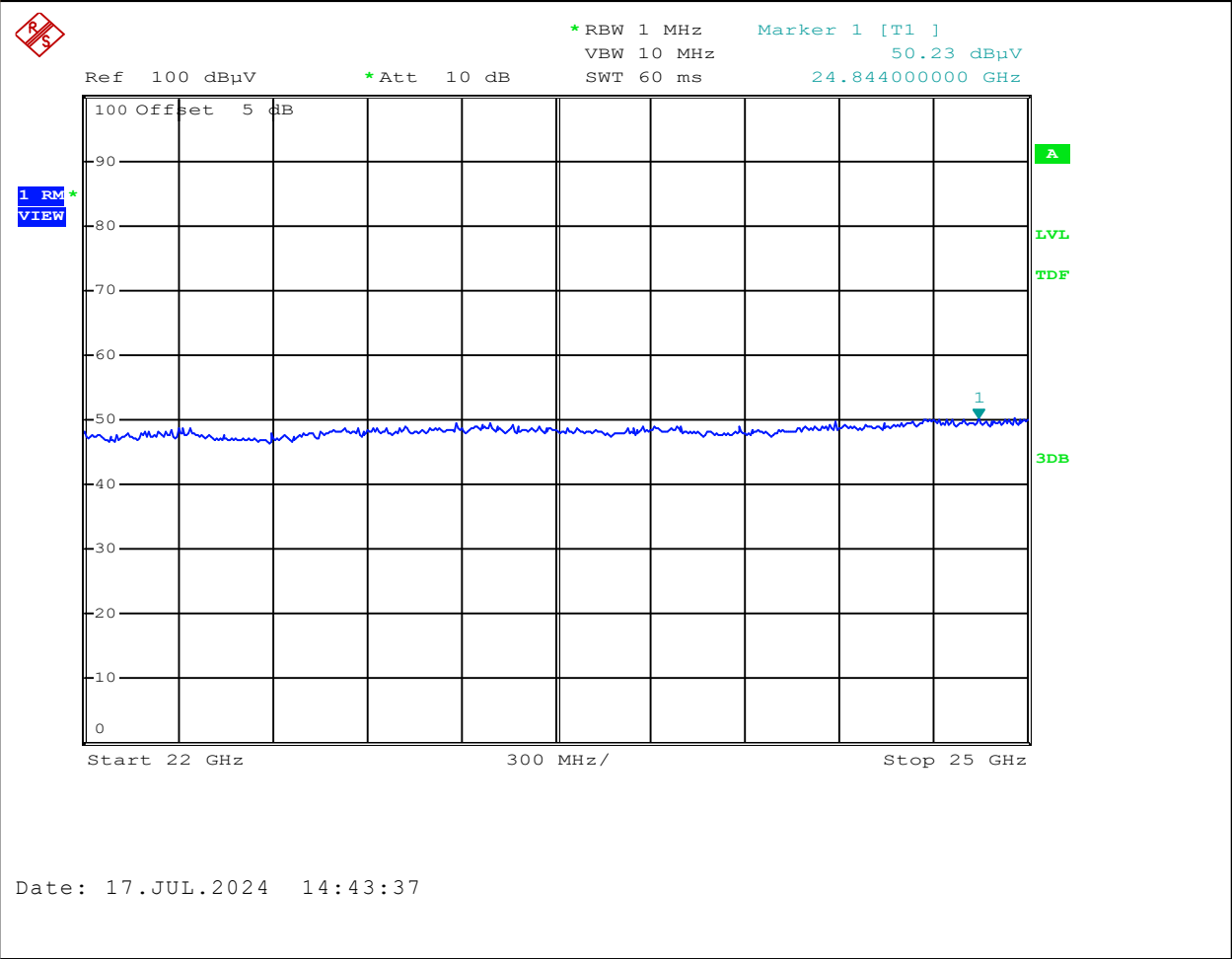
Channel Frequency: - MHz

Modulation: -

Measured Channel Power(PK): ND dBm

Measured Channel Power(AV): ND dBm

Radiated Rx Emissions:



Channel:	-	Channel Frequency:	-	MHz	
Mode:	-	Modulation:	-		
Polarization:	Vertical	Measured Channel Power(PK):	ND	dBm	
Emission Frequency:	ND	MHz	Measured Channel Power(AV):	ND	dBm