Summary of Radiated Tx Emissions

Measured Frequency Range (MHz)	Channel Frequency	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)
30-1000MHz	2412.0	Horizontal	47.01	9.24	14.60	0.75	0.00 (3)	24.6 (2)	40.0	**15.4**
30-1000MHz	2412.0	Horizontal	56.73	7.81	10.95	0.80	0.00 (3)	19.6 (2)	40.0	**20.4**
30-1000MHz	2412.0	Horizontal	57.27	8.03	10.87	0.80	0.00 (3)	19.7 (2)	40.0	**20.3**
30-1000MHz	2412.0	Horizontal	60.24	7.95	10.70	0.81	0.00 (3)	19.5 (2)	40.0	**20.5**
30-1000MHz	2412.0	Horizontal	843.20	9.19	29.58	2.84	0.00 (3)	41.6 (2)	46.0	**4.4**
30-1000MHz	2412.0	Vertical	908.30	8.76	29.50	2.94	0.00 (3)	41.2 (2)	46.0	**4.8**
30-1000MHz	2412.0	Vertical	911.10	8.60	29.41	2.95	0.00 (3)	41.0 (2)	46.0	**5.1**
1 - 3GHz	2412.0	Horizontal	ND	ND (1)	27.40	4.58	0.00 (3)	ND	54.0	**n/a**
1 - 3GHz	2412.0	Vertical	ND	ND (1)	27.40	4.58	0.00 (3)	ND	54.0	**n/a**
3-13GHz	2412.0	Horizontal	ND	ND (1)	36.76	9.86	0.00 (3)	ND	54.0	**n/a**
3-13GHz	2412.0	Vertical	ND	ND (1)	36.76	9.86	0.00 (3)	ND	54.0	**n/a**
13-18GHz	2412.0	Horizontal	ND	ND (1)	38.75	16.54	0.00 (3)	ND	54.0	**n/a**
13-18GHz	2412.0	Vertical	ND	ND (1)	38.75	16.54	0.00 (3)	ND	54.0	**n/a**
18-26GHz	2412.0	Horizontal	ND	ND (1)	43.50	21.86	26.00	ND	54.0	**n/a**
18-26GHz	2412.0	Vertical	ND	ND (1)	43.50	21.86	26.00	ND	54.0	**n/a**
								Results:	**Complies**	

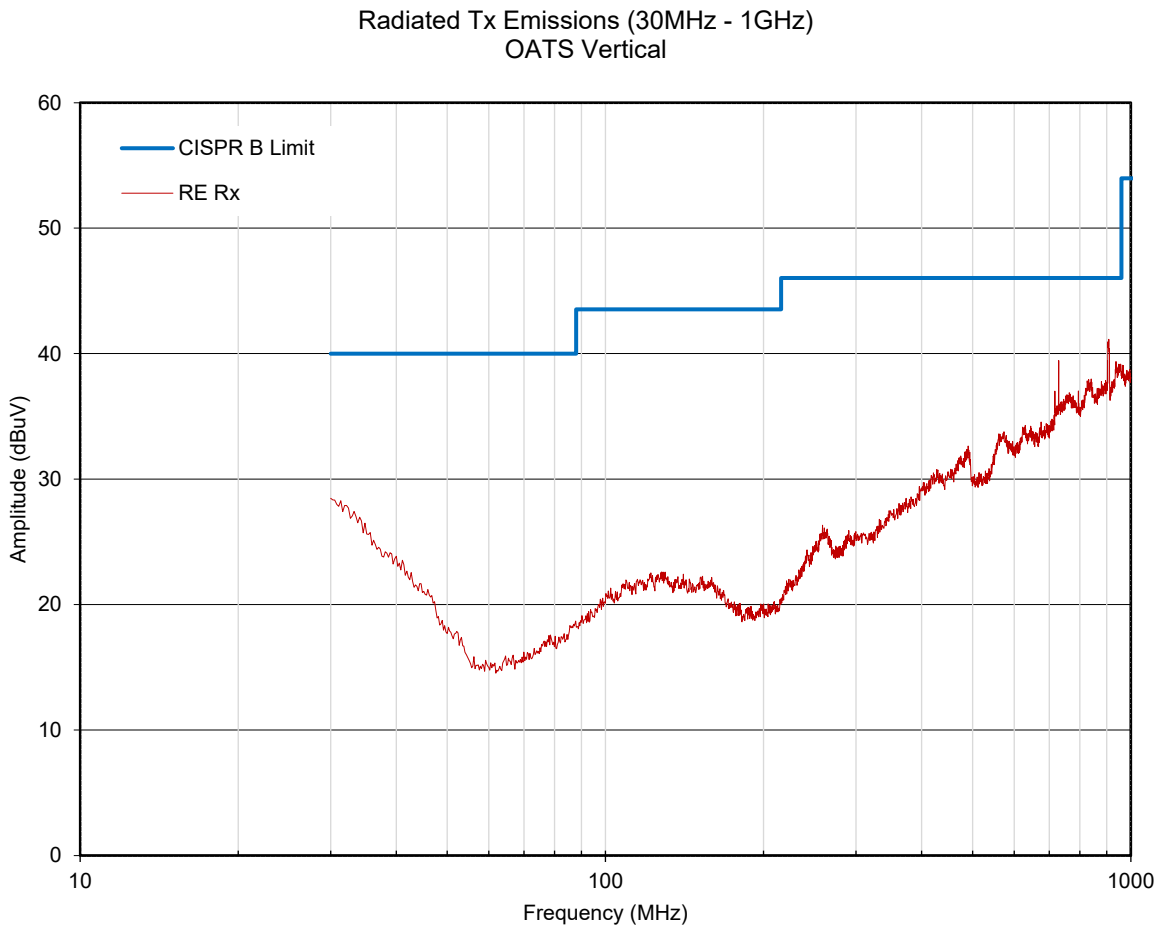
(1) No Emissions Detected (ND) above ambient or within 20dB of the limit

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

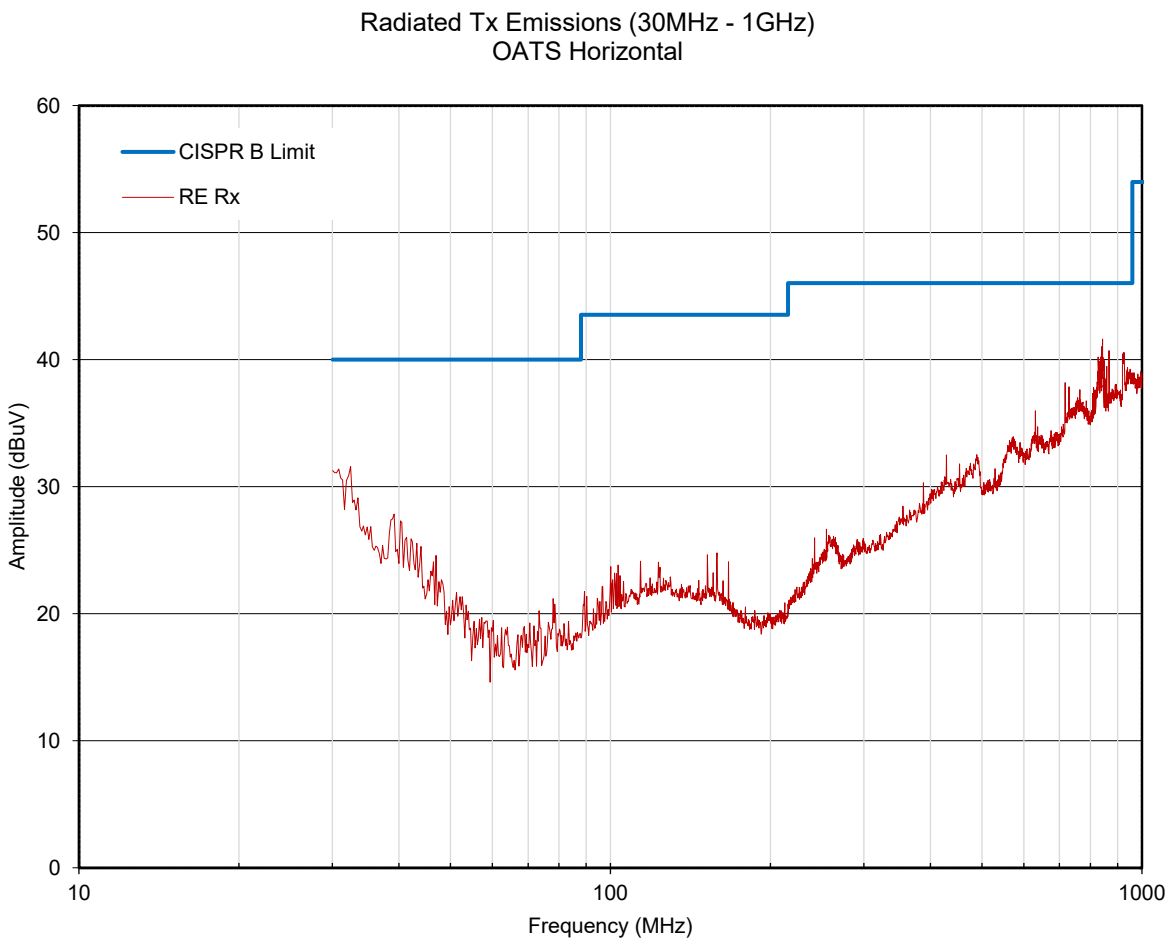
(3) External Amplier not used

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

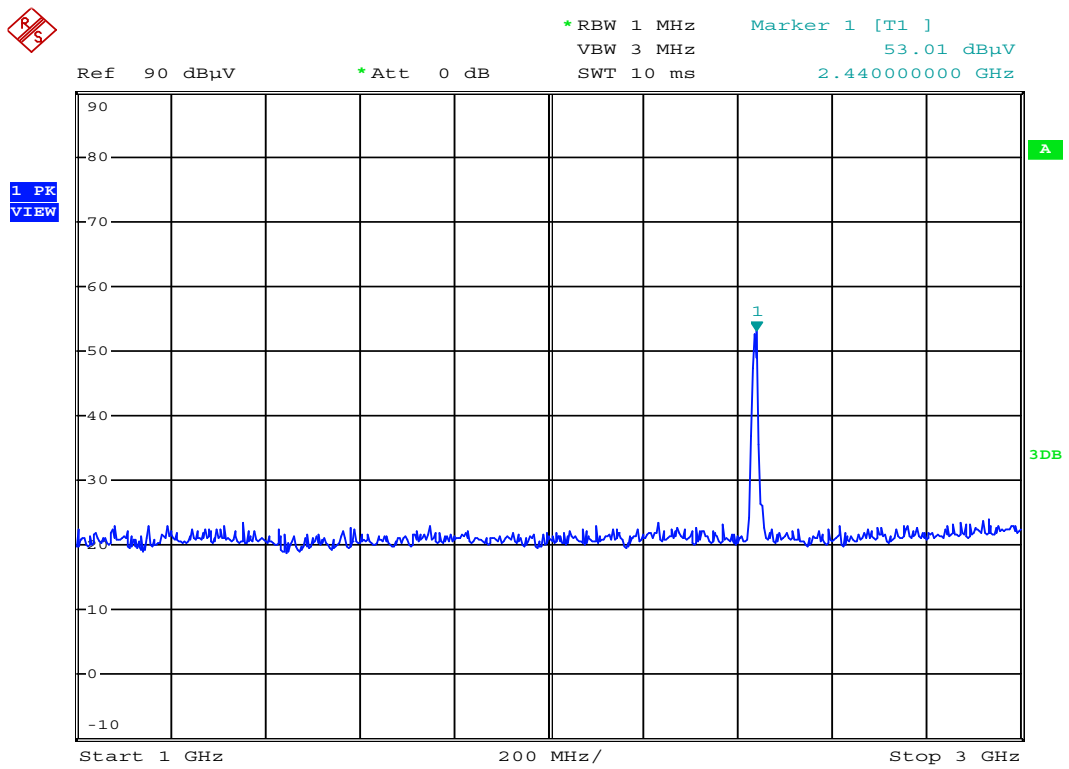
Radiated Tx Emissions:



Radiated Tx Emissions:



Radiated Tx Emissions:

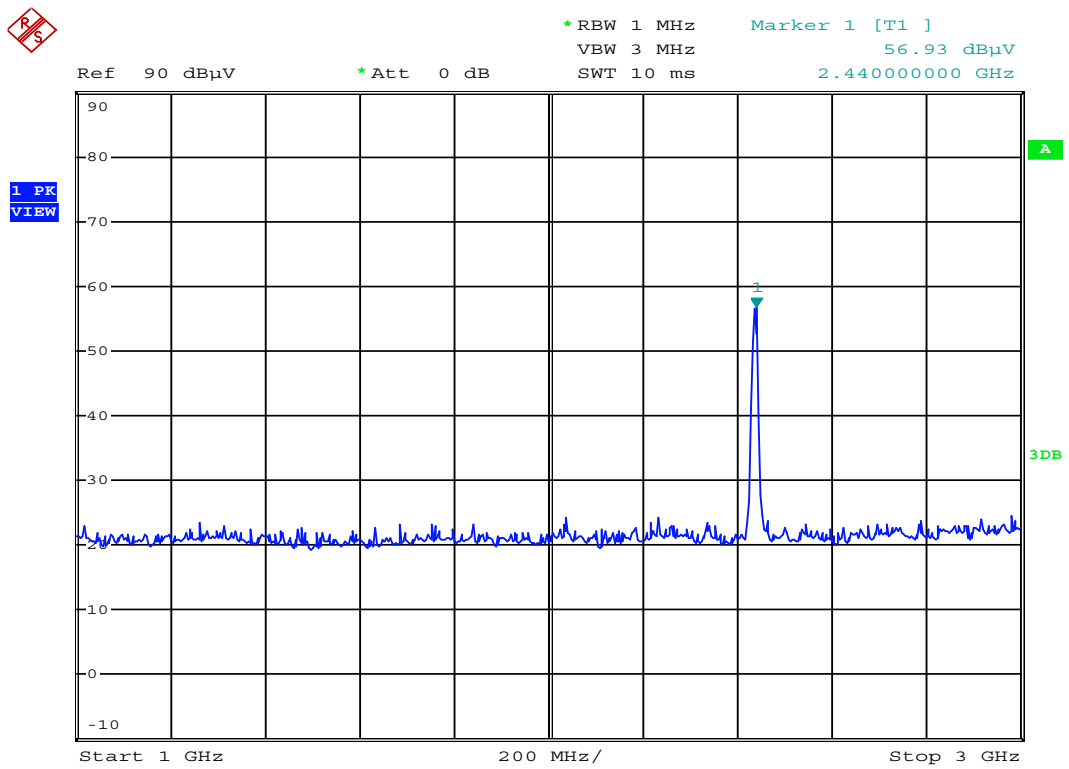


Date: 31.JAN.2023 18:15:26

Channel:	**6**	**Channel Frequency:**	**2437**	**MHz**
Mode:	**802.11b**	**Modulation:**	**CCK 1MB**	
Polarization:	**Horizontal**	**Measured Emission:**	**ND**	**dBm**

Marker 1 = Fundamental

Radiated Tx Emissions:

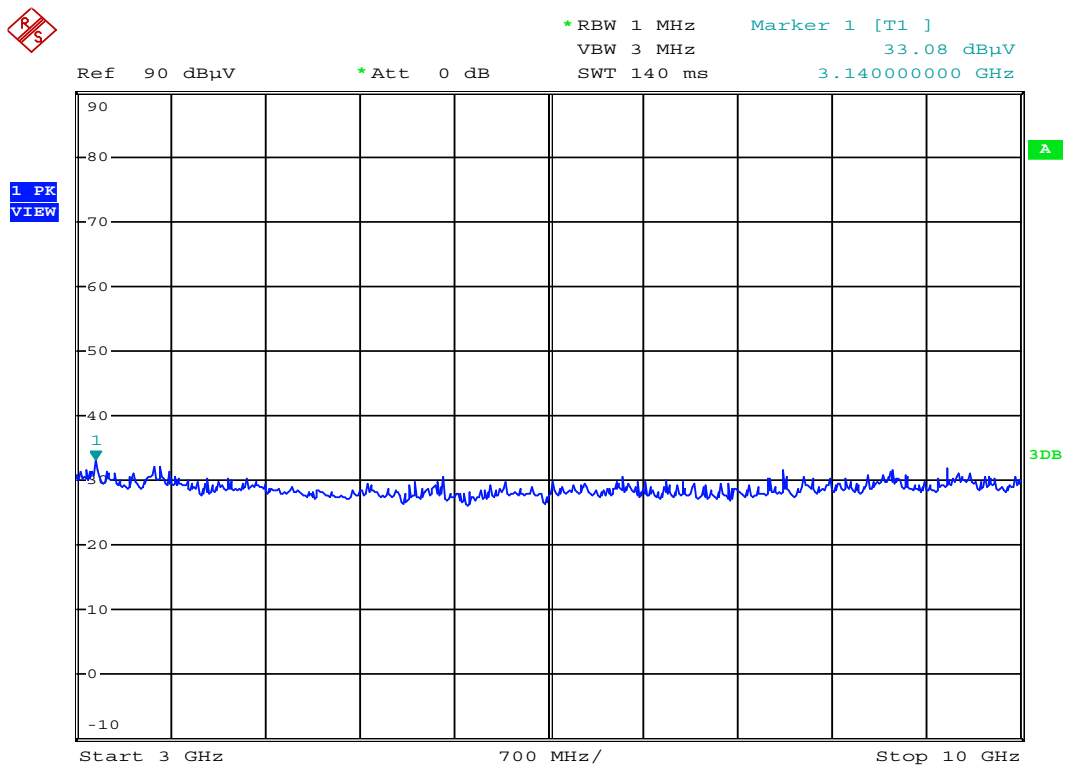


Date: 31.JAN.2023 18:17:01

Channel:	**6**	**Channel Frequency:**	**2437**	**MHz**
Mode:	**802.11b**	**Modulation:**	**CCK 1MB**	
Polarization:	**Vertical**	**Measured Emission:**	**ND**	**dBm**

Marker 1 = Fundamental

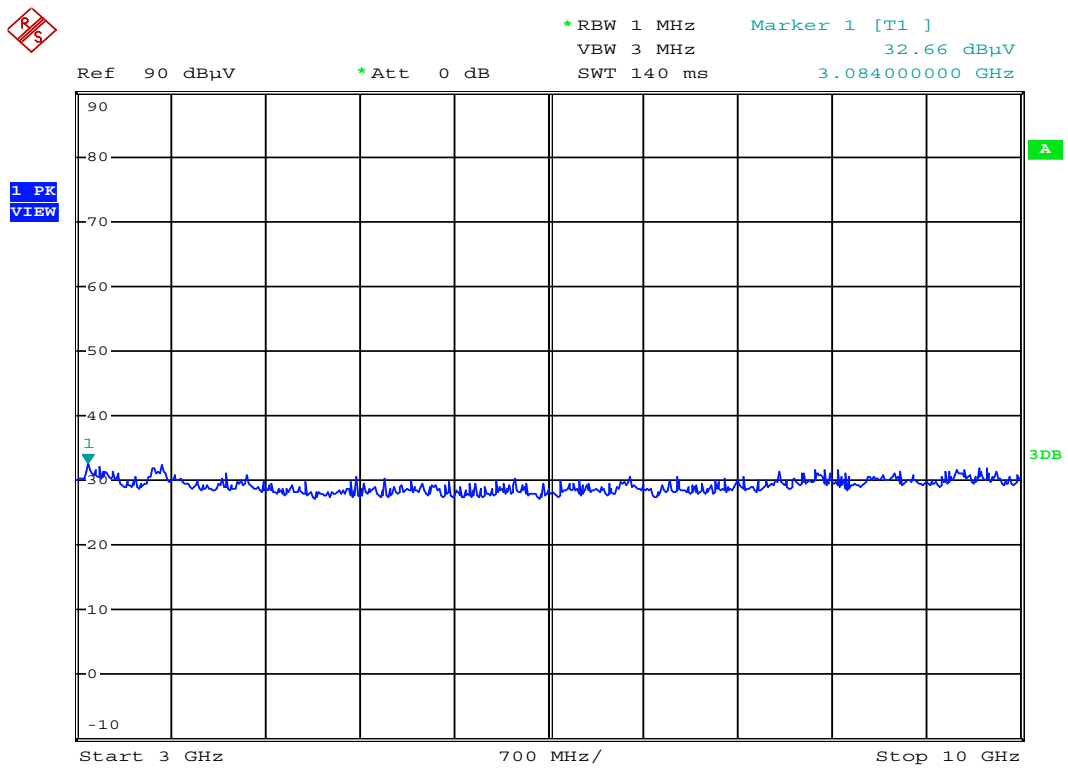
Radiated Tx Emissions:



Date: 31.JAN.2023 18:15:39

Channel:	**6**	**Channel Frequency:**	**2437**	**MHz**
Mode:	**802.11b**	**Modulation:**	**CCK 1MB**	
Polarization:	**Horizontal**	**Measured Emission:**	**ND**	**dBm**

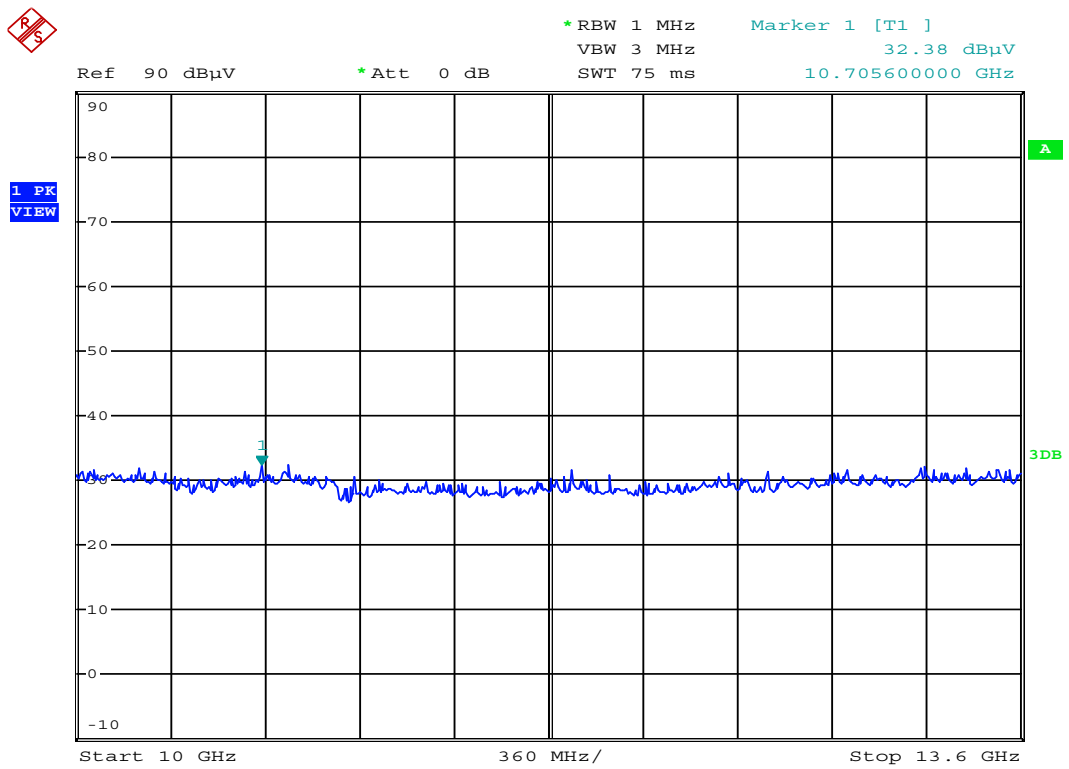
Radiated Tx Emissions:



Date: 31.JAN.2023 18:17:18

Channel:	**6**	**Channel Frequency:**	**2437**	**MHz**
Mode:	**802.11b**	**Modulation:**	**CCK 1MB**	
Polarization:	**Vertical**	**Measured Emission:**	**ND**	**dBm**

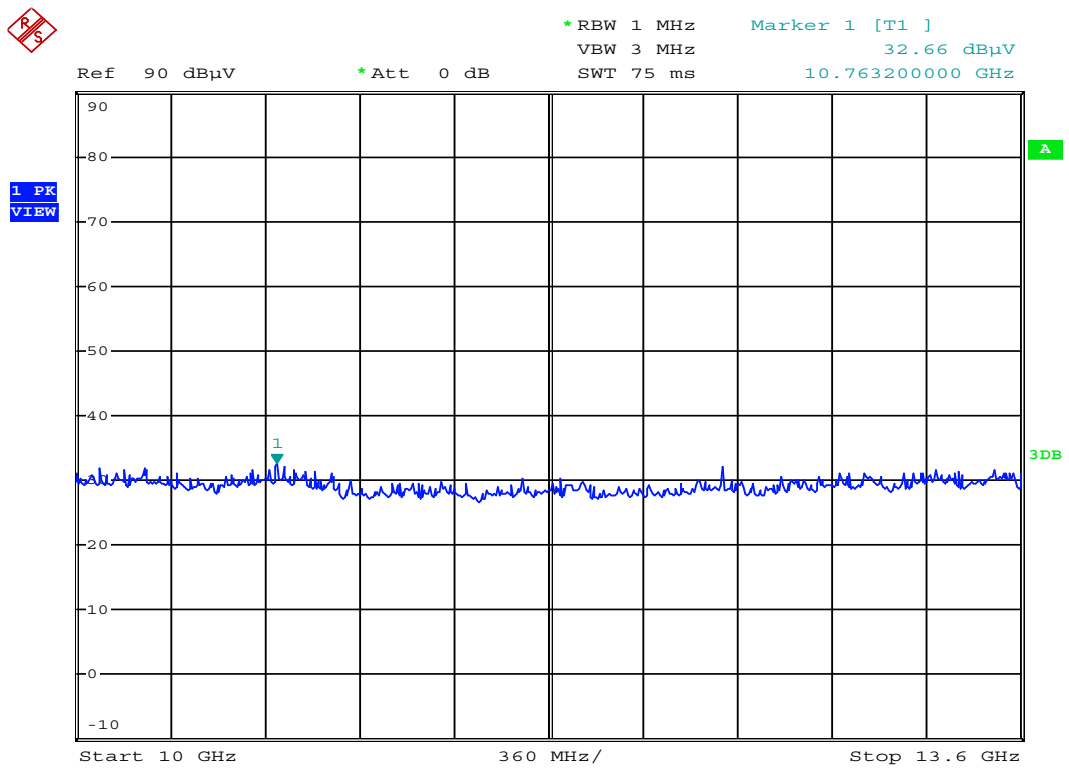
Radiated Tx Emissions:



Date: 31.JAN.2023 18:15:56

Channel:	**6**	**Channel Frequency:**	**2437**	**MHz**
Mode:	**802.11b**	**Modulation:**	**CCK 1MB**	
Polarization:	**Horizontal**	**Measured Emission:**	**ND**	**dBm**

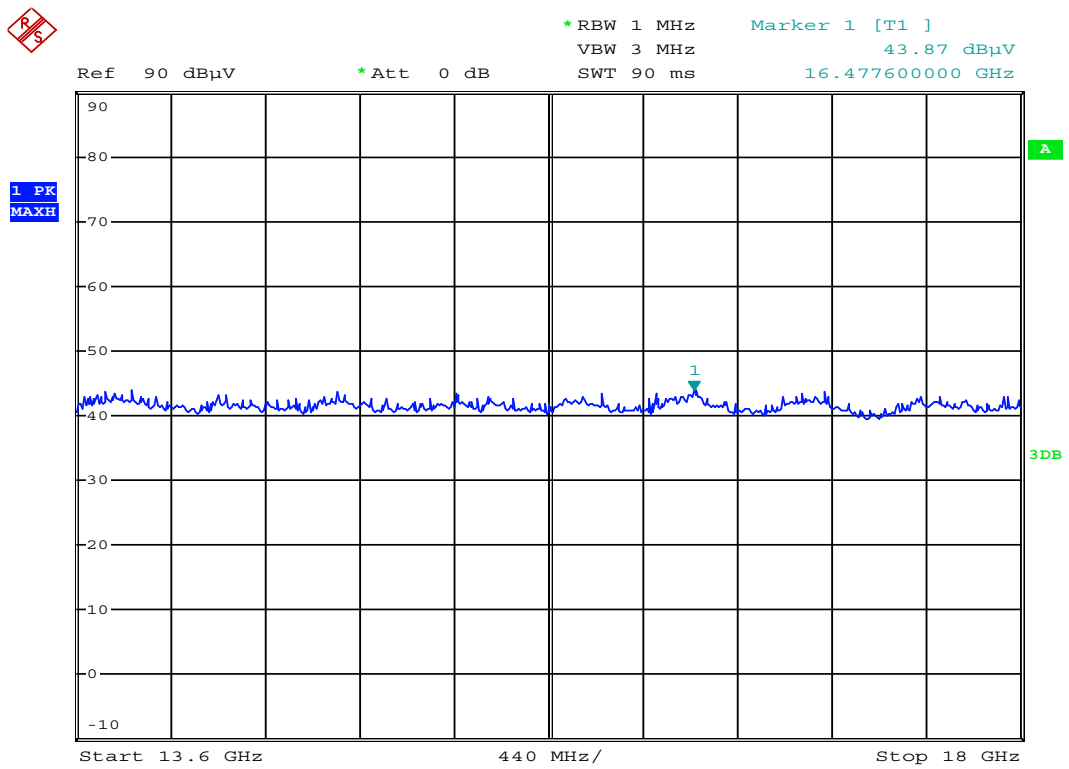
Radiated Tx Emissions:



Date: 31.JAN.2023 18:19:32

Channel:	**6**	**Channel Frequency:**	**2437**	**MHz**
Mode:	**802.11b**	**Modulation:**	**CCK 1MB**	
Polarization:	**Vertical**	**Measured Emission:**	**ND**	**dBm**

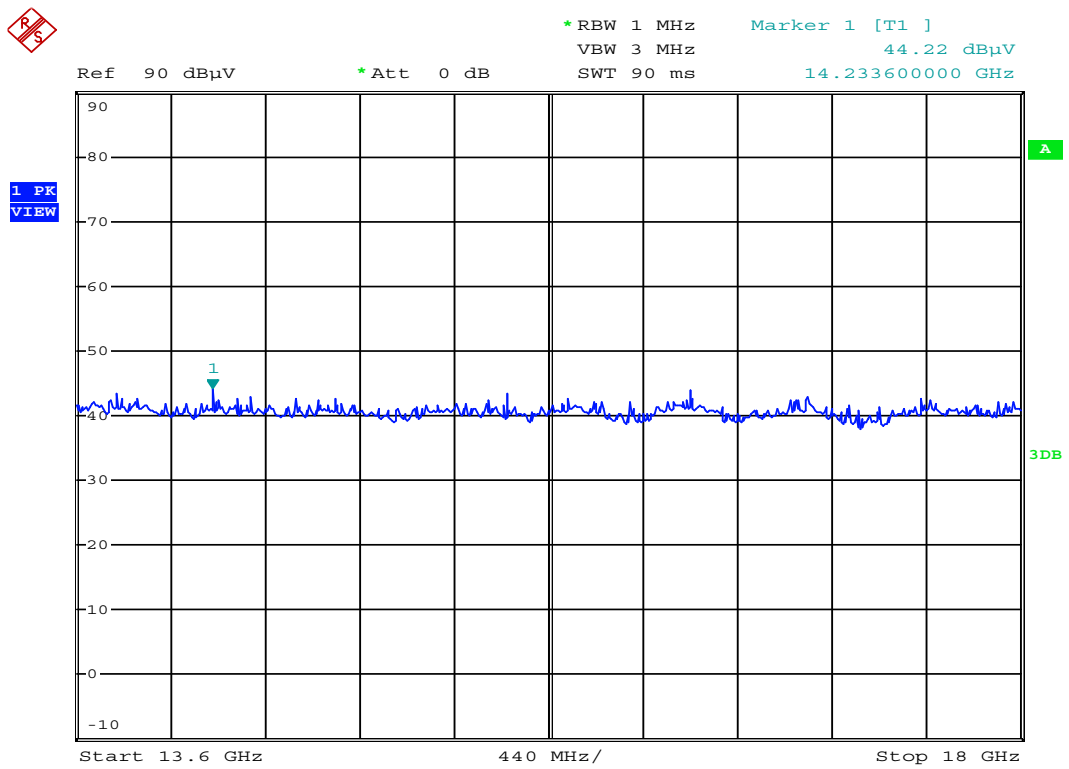
Radiated Tx Emissions:



Date: 31.JAN.2023 18:16:13

Channel:	**6**	**Channel Frequency:**	**2437**	**MHz**
Mode:	**802.11b**	**Modulation:**	**CCK 1MB**	
Polarization:	**Horizontal**	**Measured Emission:**	**ND**	**dBm**

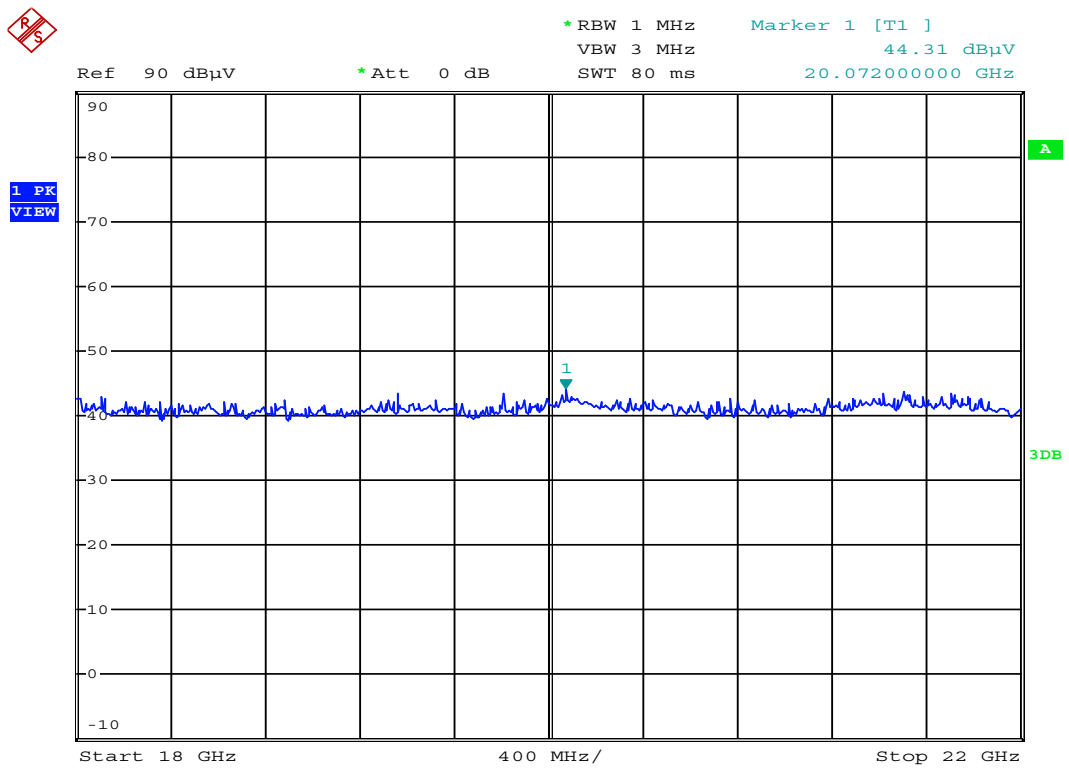
Radiated Tx Emissions:



Date: 31.JAN.2023 18:20:15

Channel:	**6**	**Channel Frequency:**	**2437**	**MHz**
Mode:	**802.11b**	**Modulation:**	**CCK 1MB**	
Polarization:	**Vertical**	**Measured Emission:**	**ND**	**dBm**

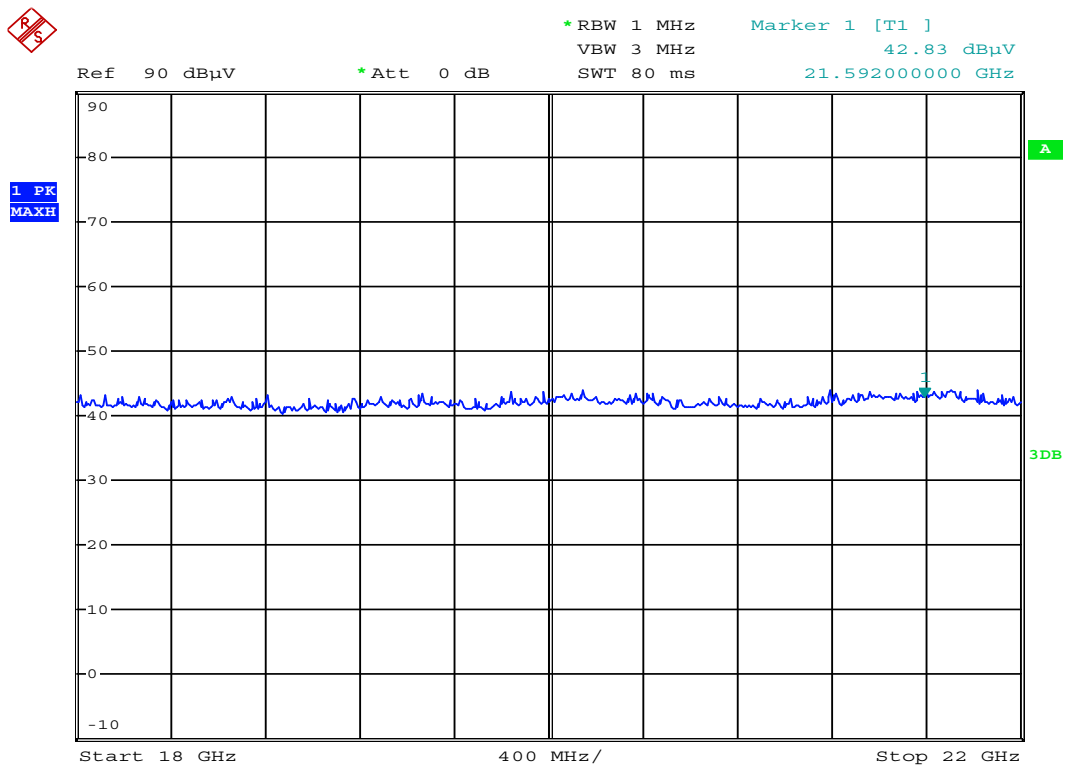
Radiated Tx Emissions:



Date: 31.JAN.2023 18:37:10

Channel:	**6**	**Channel Frequency:**	**2437** **MHz**
Mode:	**802.11b**	**Modulation:**	**CCK 1MB**
Polarization:	**Horizontal**	**Measured Emission:**	**ND** **dBm**

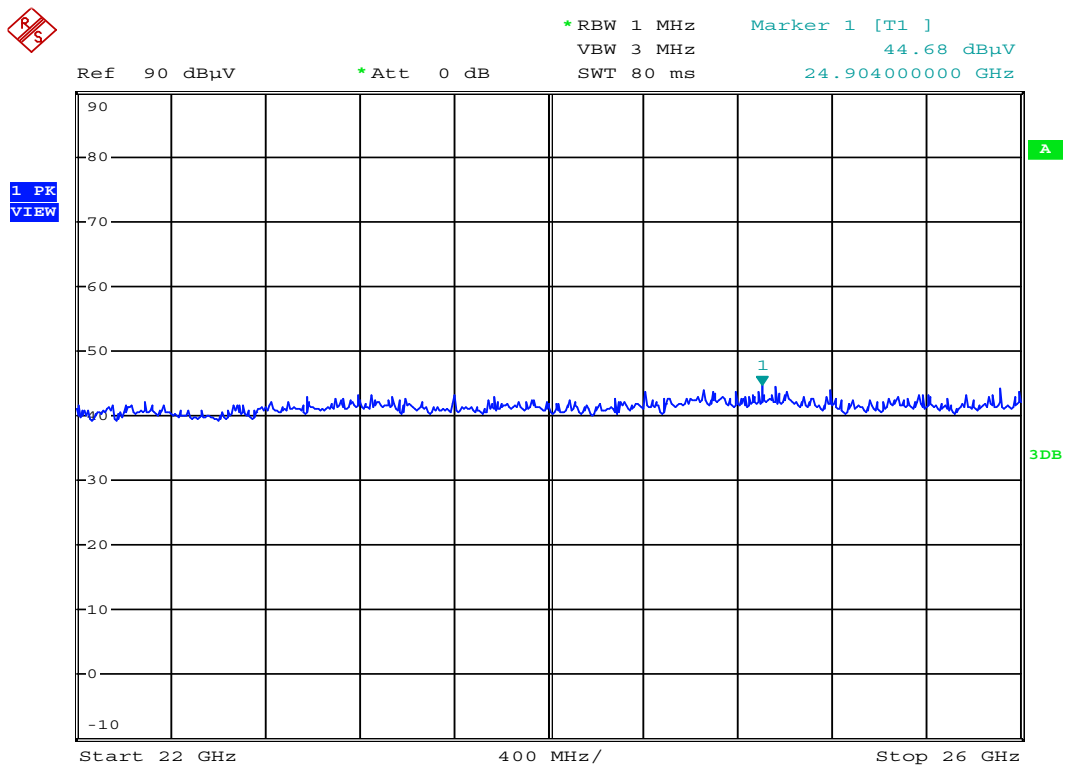
Radiated Tx Emissions:



Date: 31.JAN.2023 18:37:45

Channel:	**6**	**Channel Frequency:**	**2437**	**MHz**
Mode:	**802.11b**	**Modulation:**	**CCK 1MB**	
Polarization:	**Vertical**	**Measured Emission:**	**ND**	**dBm**

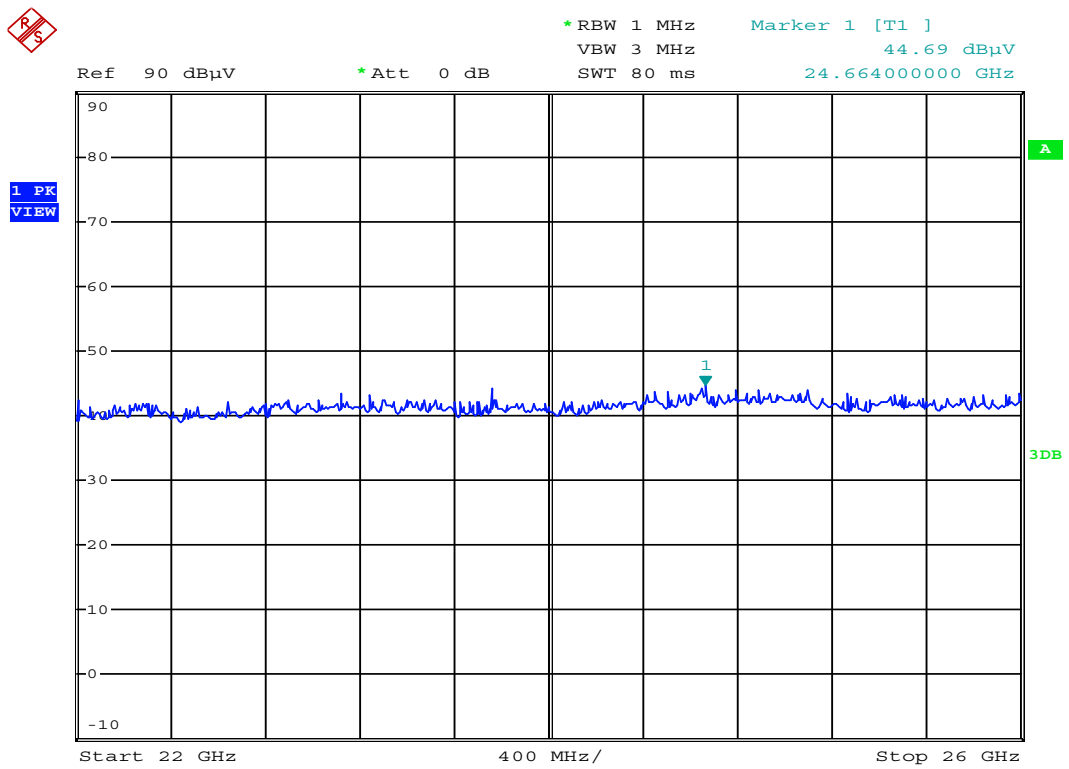
Radiated Tx Emissions:



Date: 31.JAN.2023 18:37:27

Channel:	**6**	**Channel Frequency:**	**2437**	**MHz**
Mode:	**802.11b**	**Modulation:**	**CCK 1MB**	
Polarization:	**Horizontal**	**Measured Emission:**	**ND**	**dBm**

Radiated Tx Emissions:



Date: 31.JAN.2023 18:38:00

Channel:	**6**	**Channel Frequency:**	**2437**	**MHz**
Mode:	**802.11b**	**Modulation:**	**CCK 1MB**	
Polarization:	**Vertical**	**Measured Emission:**	**ND**	**dBm**

Summary of Radiated Tx Emissions

Measured Frequency Range (MHz)	Channel Frequency	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)
30-1000MHz	2440.0	Horizontal	56.46	7.48	11.01	0.79	0.00 (3)	19.3 (2)	40.0	**20.7**
30-1000MHz	2440.0	Horizontal	61.32	7.44	10.70	0.82	0.00 (3)	19.0 (2)	40.0	**21.0**
30-1000MHz	2440.0	Horizontal	67.80	7.37	11.18	0.85	0.00 (3)	19.4 (2)	40.0	**20.6**
30-1000MHz	2440.0	Horizontal	843.20	8.76	29.58	2.84	0.00 (3)	41.2 (2)	46.0	**4.8**
30-1000MHz	2440.0	Horizontal	867.70	8.42	29.40	2.88	0.00 (3)	40.7 (2)	46.0	**5.3**
30-1000MHz	2440.0	Horizontal	922.30	8.61	29.70	2.97	0.00 (3)	41.3 (2)	46.0	**4.7**
30-1000MHz	2440.0	Vertical	908.30	8.86	29.50	2.94	0.00 (3)	41.3 (2)	46.0	**4.7**
30-1000MHz	2440.0	Vertical	911.10	8.70	29.41	2.95	0.00 (3)	41.1 (2)	46.0	**5.0**
1 - 3GHz	2440.0	Horizontal	ND	ND (1)	27.40	4.58	0.00 (3)	ND	54.0	**n/a**
1 - 3GHz	2440.0	Vertical	ND	ND (1)	27.40	4.58	0.00 (3)	ND	54.0	**n/a**
3-13GHz	2440.0	Horizontal	ND	ND (1)	36.76	9.86	0.00 (3)	ND	54.0	**n/a**
3-13GHz	2440.0	Vertical	ND	ND (1)	36.76	9.86	0.00 (3)	ND	54.0	**n/a**
13-18GHz	2440.0	Horizontal	ND	ND (1)	38.75	16.54	0.00 (3)	ND	54.0	**n/a**
13-18GHz	2440.0	Vertical	ND	ND (1)	38.75	16.54	0.00 (3)	ND	54.0	**n/a**
18-26GHz	2440.0	Horizontal	ND	ND (1)	43.50	21.86	26.00	ND	54.0	**n/a**
18-26GHz	2440.0	Vertical	ND	ND (1)	43.50	21.86	26.00	ND	54.0	**n/a**
								Results:	**Complies**	

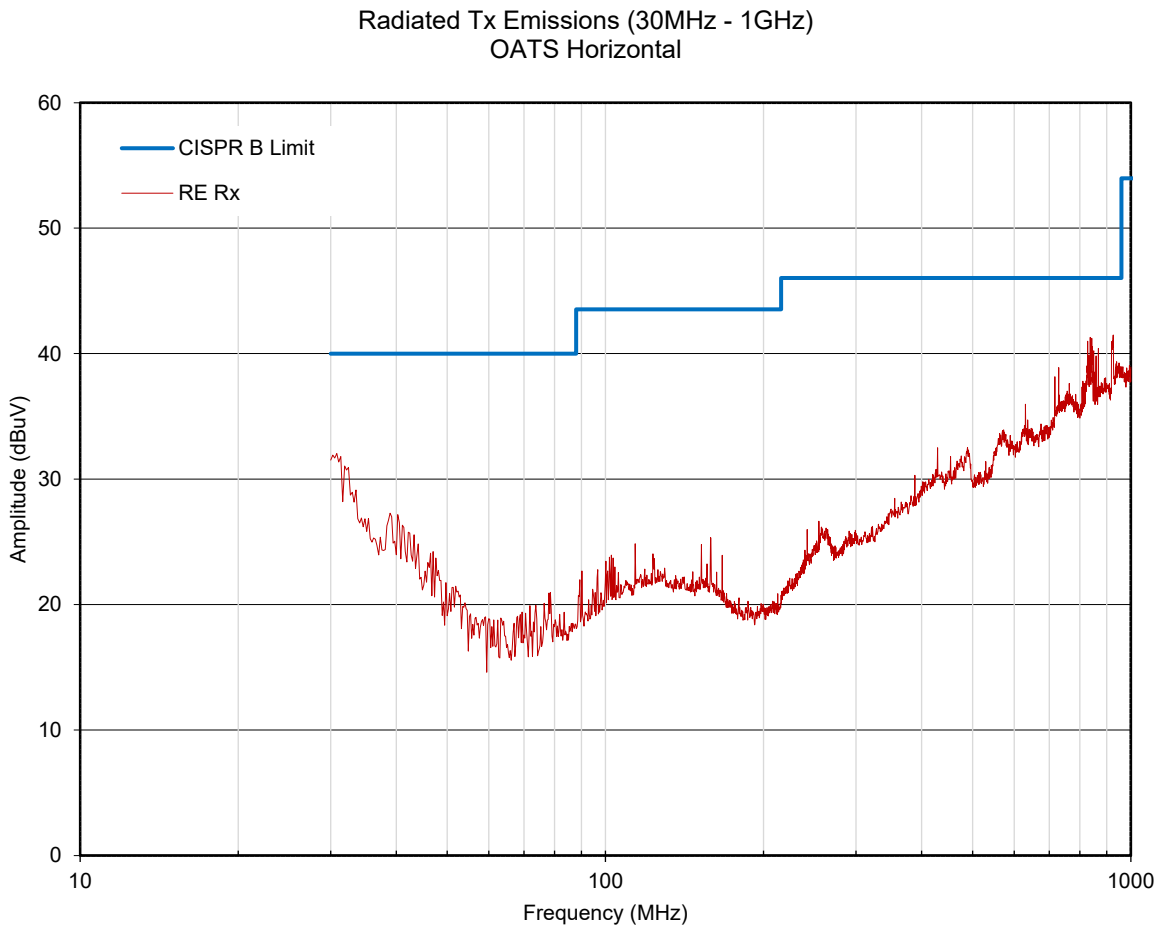
(1) No Emissions Detected (ND) above ambient or within 20dB of the limit

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

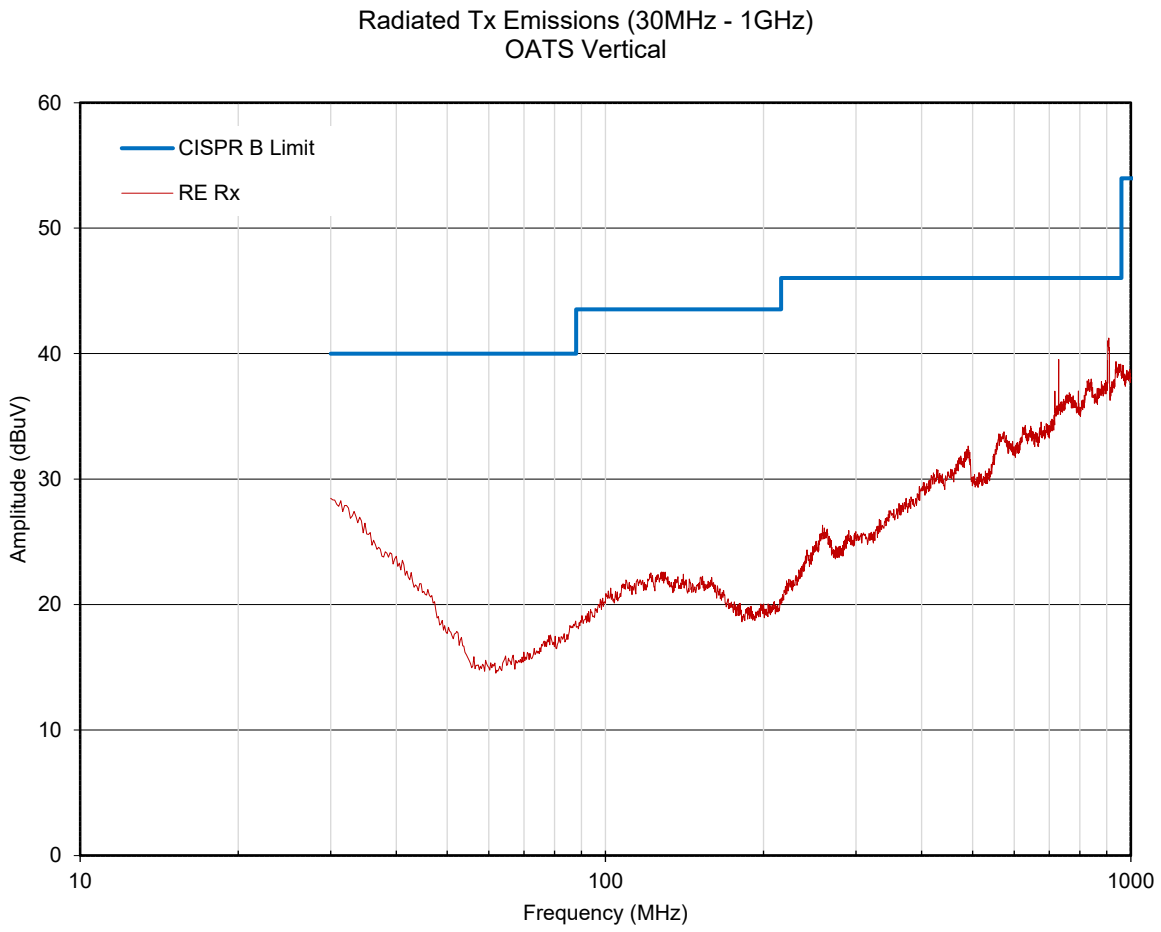
(3) External Amplier not used

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

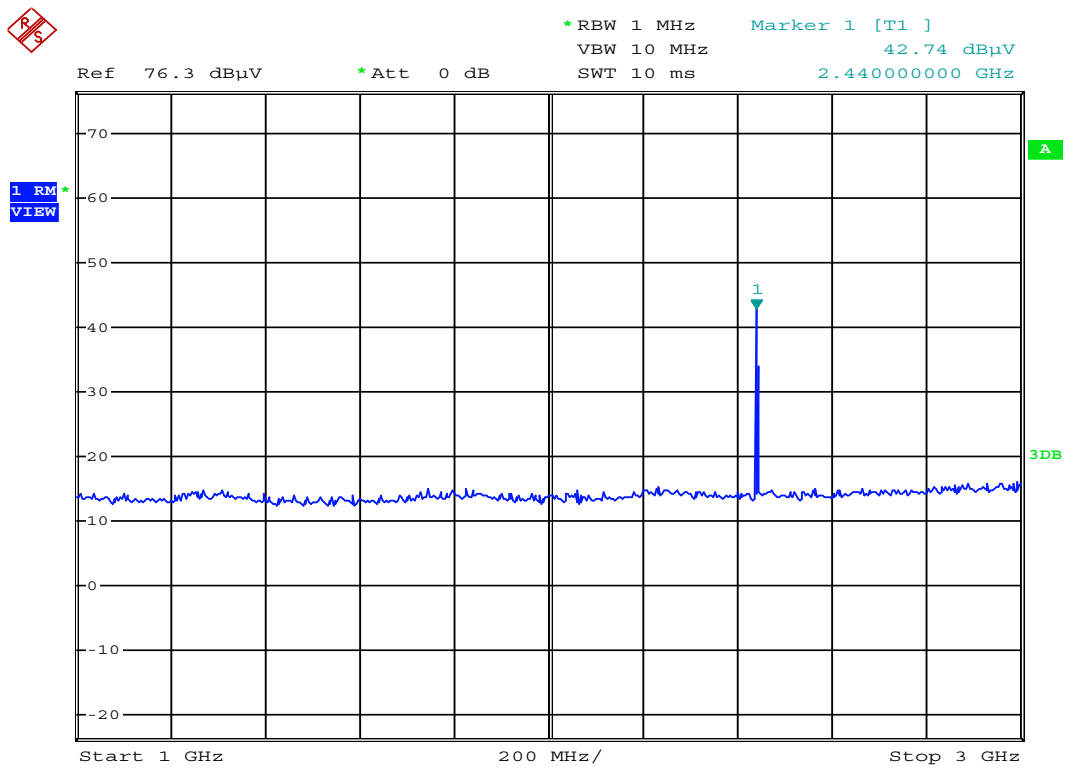
Radiated Tx Emissions:



Radiated Tx Emissions:



Radiated Tx Emissions:

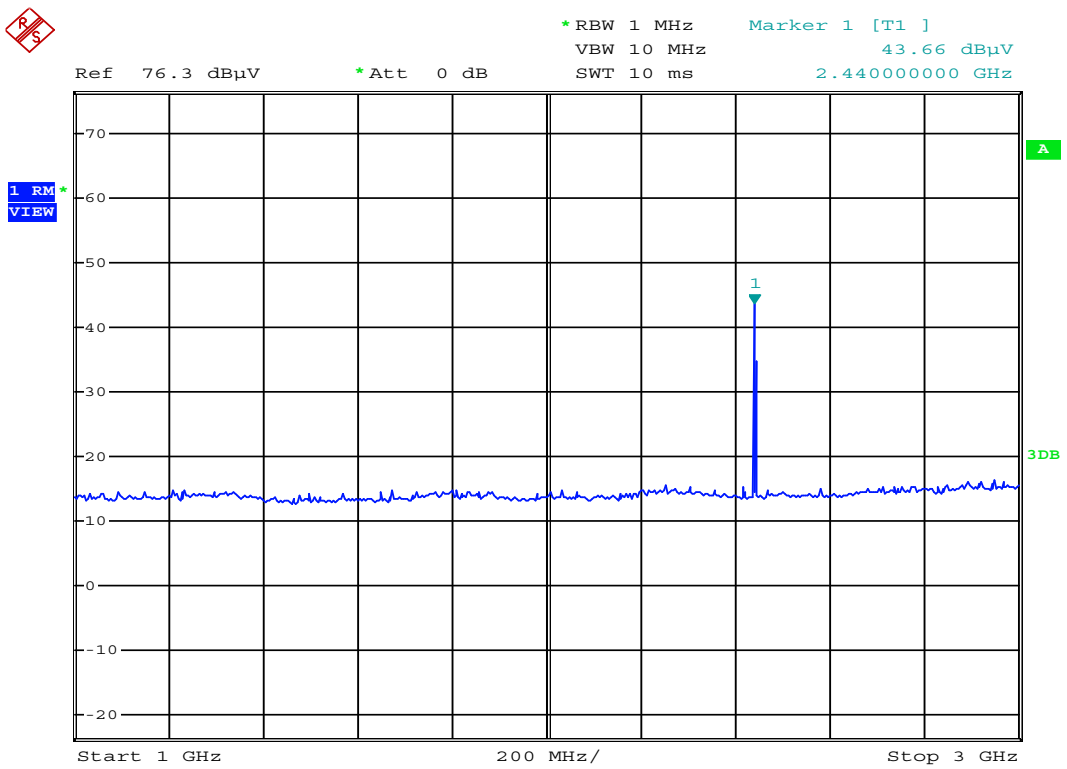


Date: 31.JAN.2023 15:16:57

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

Marker 1 = Fundamental

Radiated Tx Emissions:

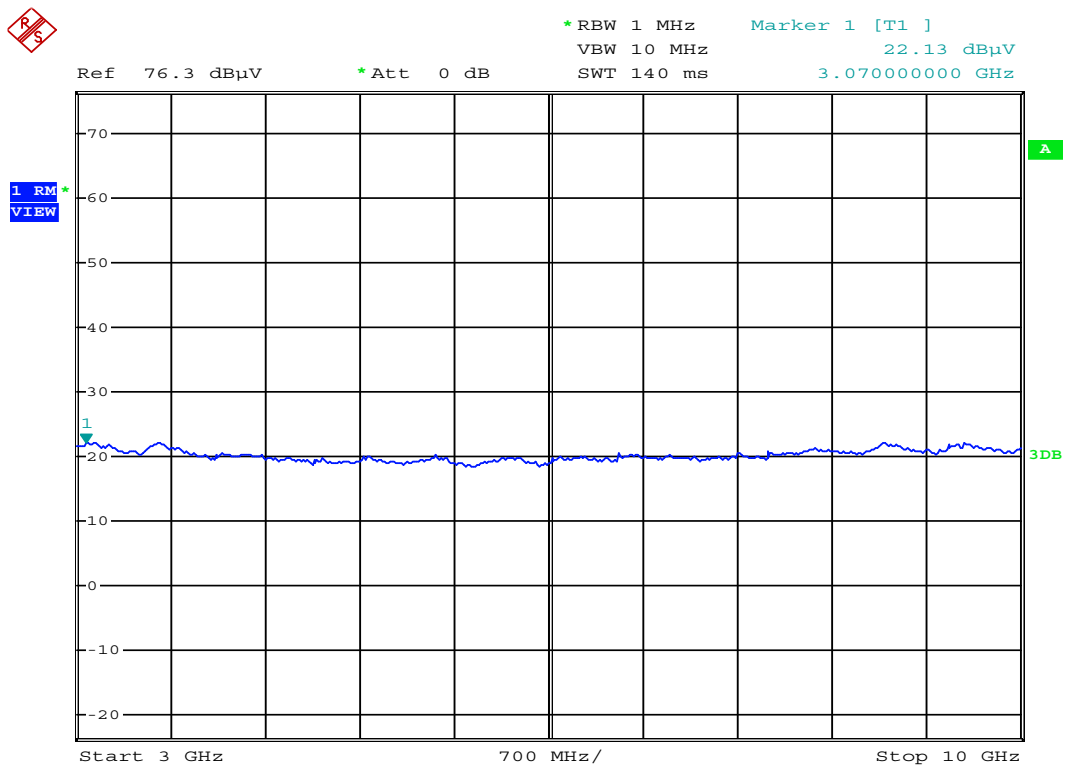


Date: 31.JAN.2023 15:15:04

Channel:	**38**	**Channel Frequency:**	**2440**	**MHz**
Mode:	**BT BR**	**Modulation:**	**GFSK**	
Polarization:	**Vertical**	**Measured Emission:**	**ND**	**dBm**

Marker 1 = Fundamental

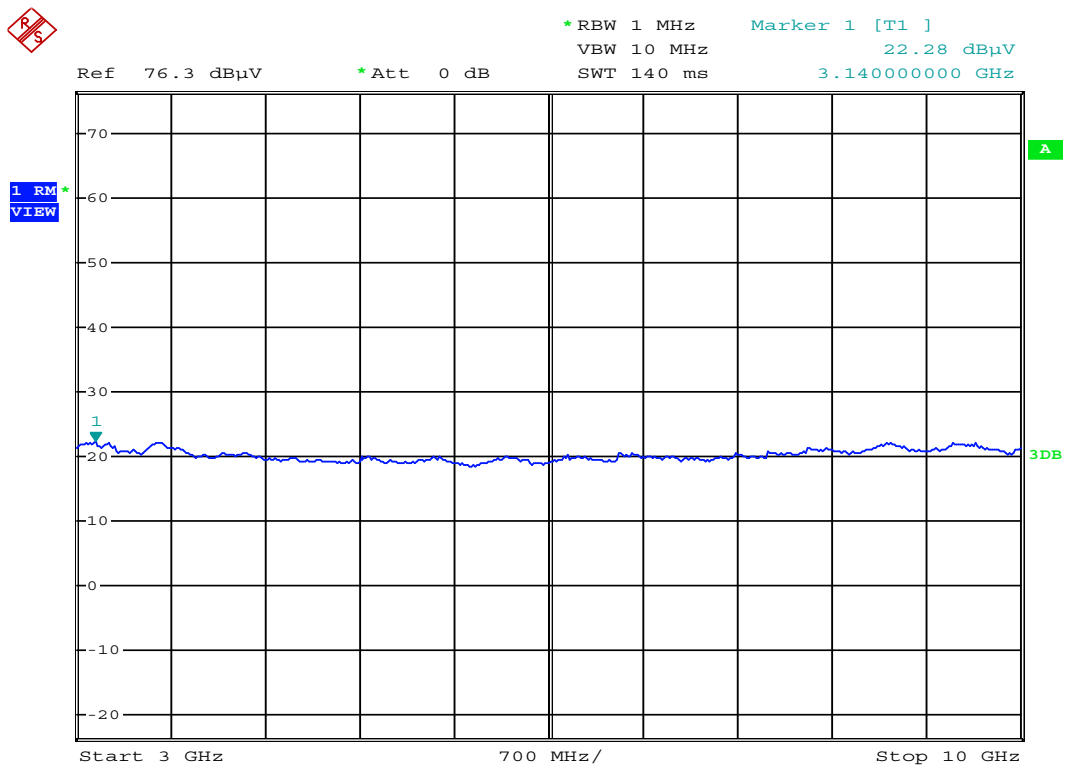
Radiated Tx Emissions:



Date: 31.JAN.2023 15:17:30

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

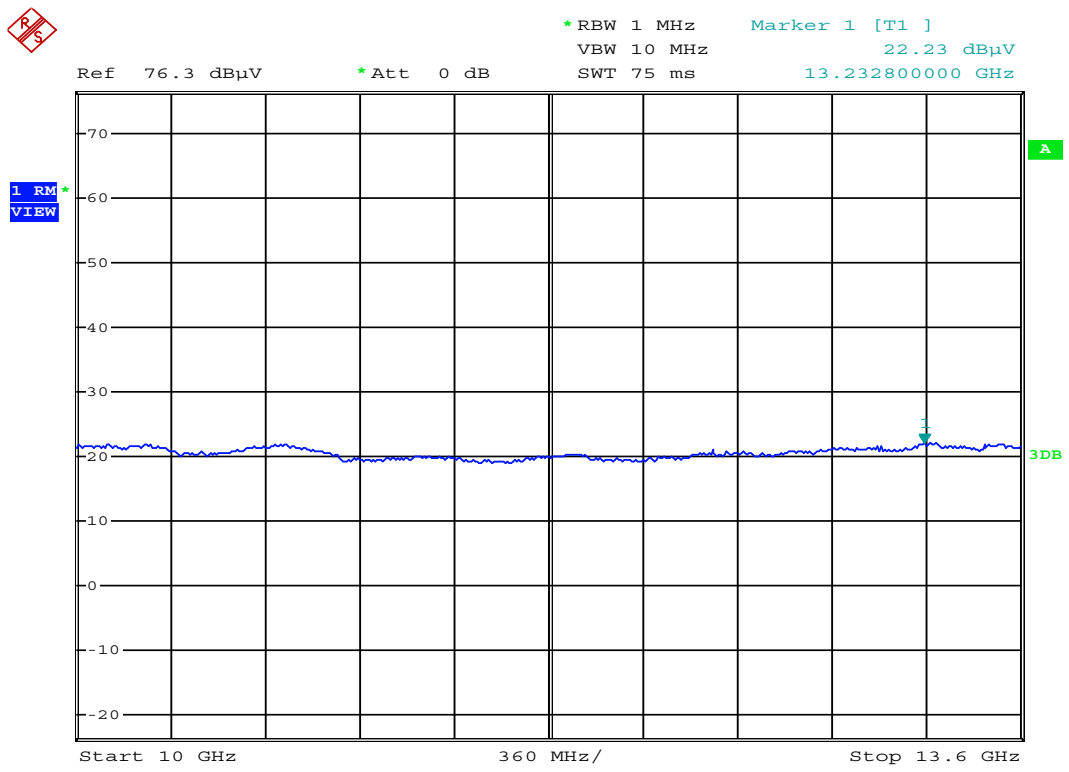
Radiated Tx Emissions:



Date: 31.JAN.2023 15:15:22

Channel:	**38**	**Channel Frequency:**	**2440**	**MHz**
Mode:	**BT BR**	**Modulation:**	**GFSK**	
Polarization:	**Vertical**	**Measured Emission:**	**ND**	**dBm**

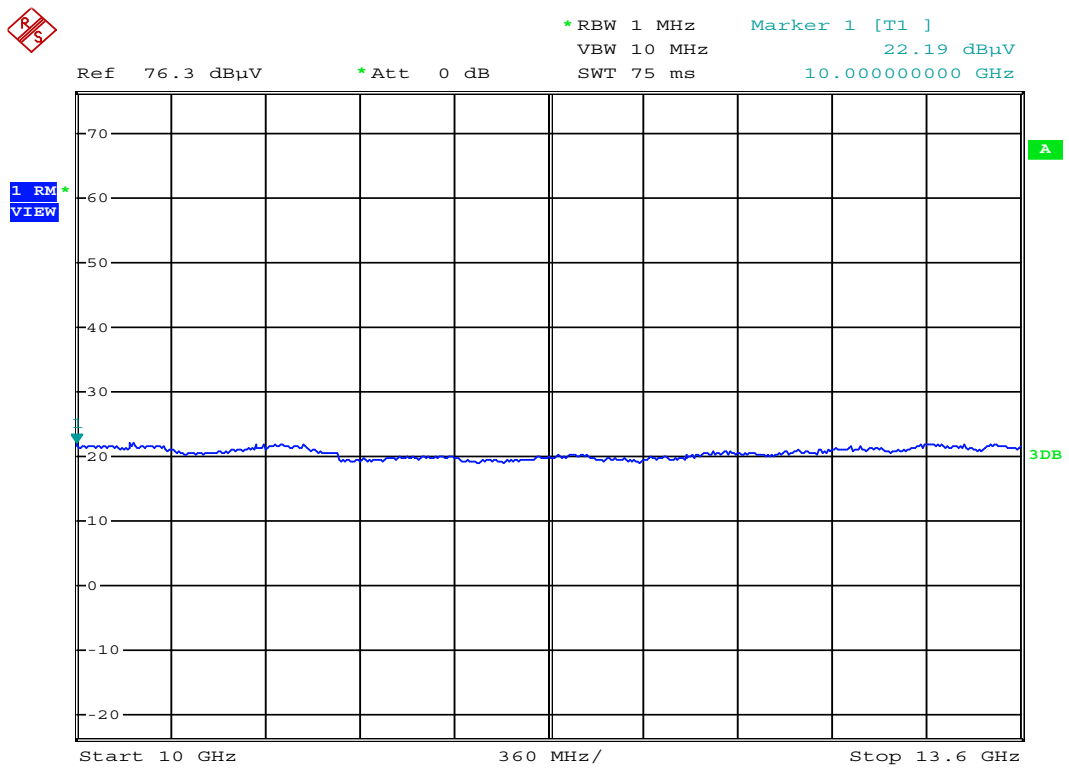
Radiated Tx Emissions:



Date: 31.JAN.2023 15:17:54

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

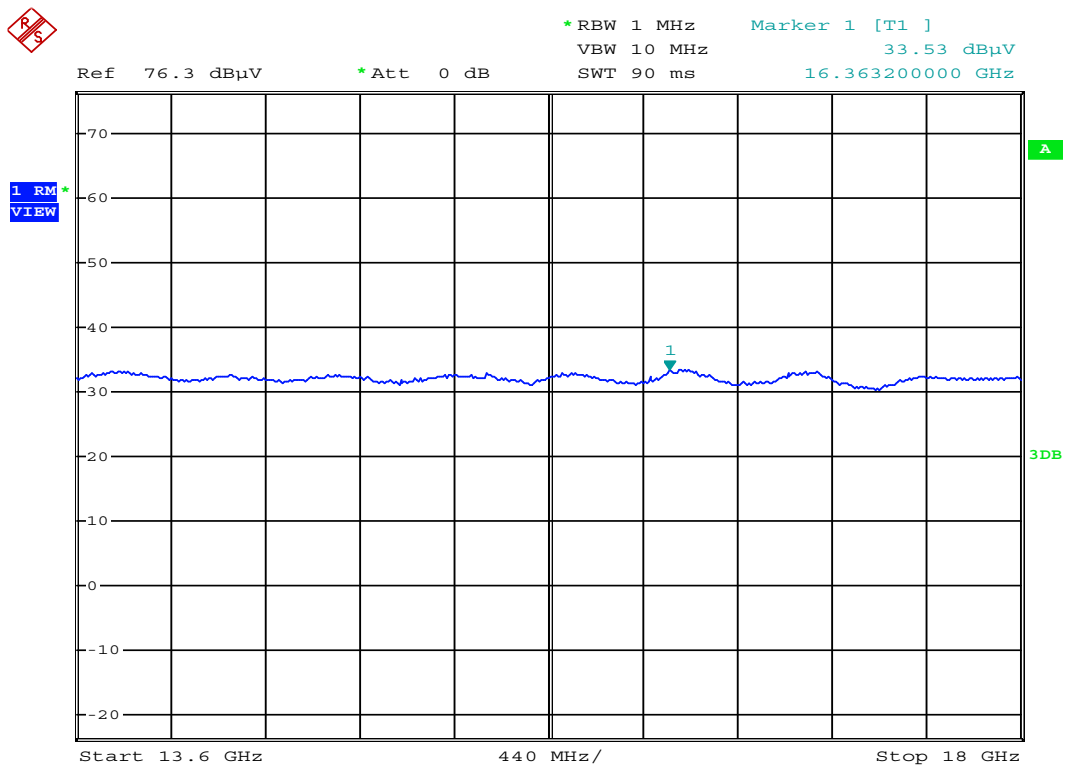
Radiated Tx Emissions:



Date: 31.JAN.2023 15:15:40

Channel:	**38**	**Channel Frequency:**	**2440**	**MHz**
Mode:	**BT BR**	**Modulation:**	**GFSK**	
Polarization:	**Vertical**	**Measured Emission:**	**ND**	**dBm**

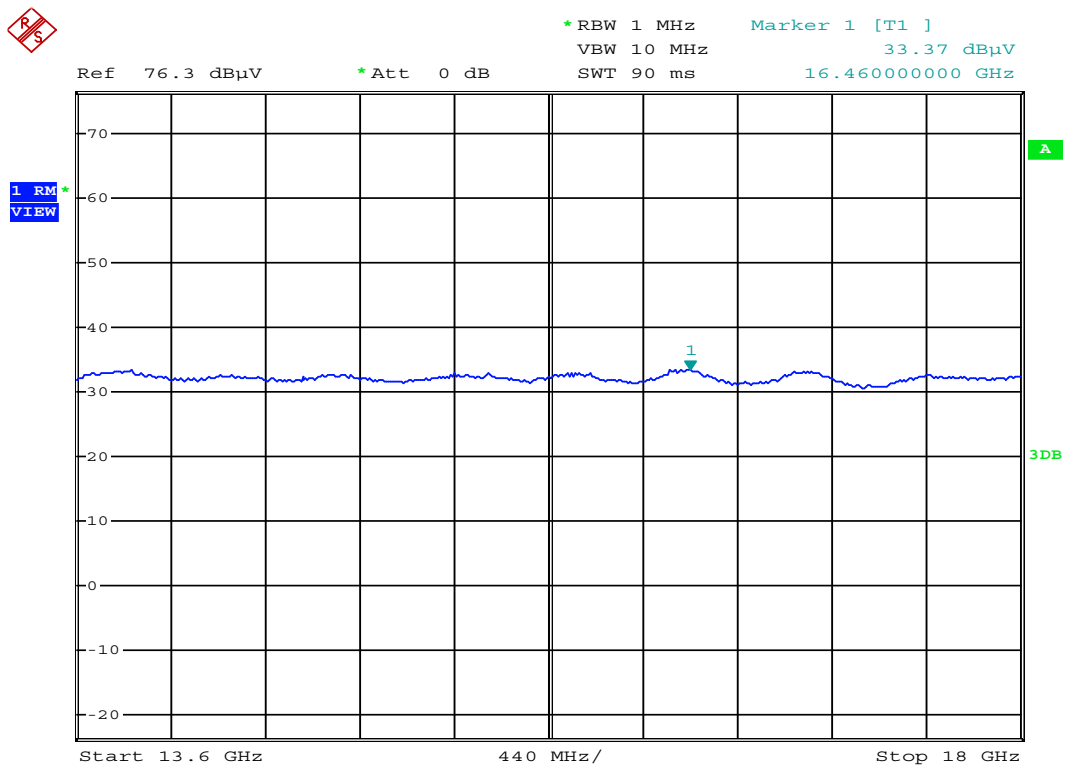
Radiated Tx Emissions:



Date: 31.JAN.2023 15:18:13

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

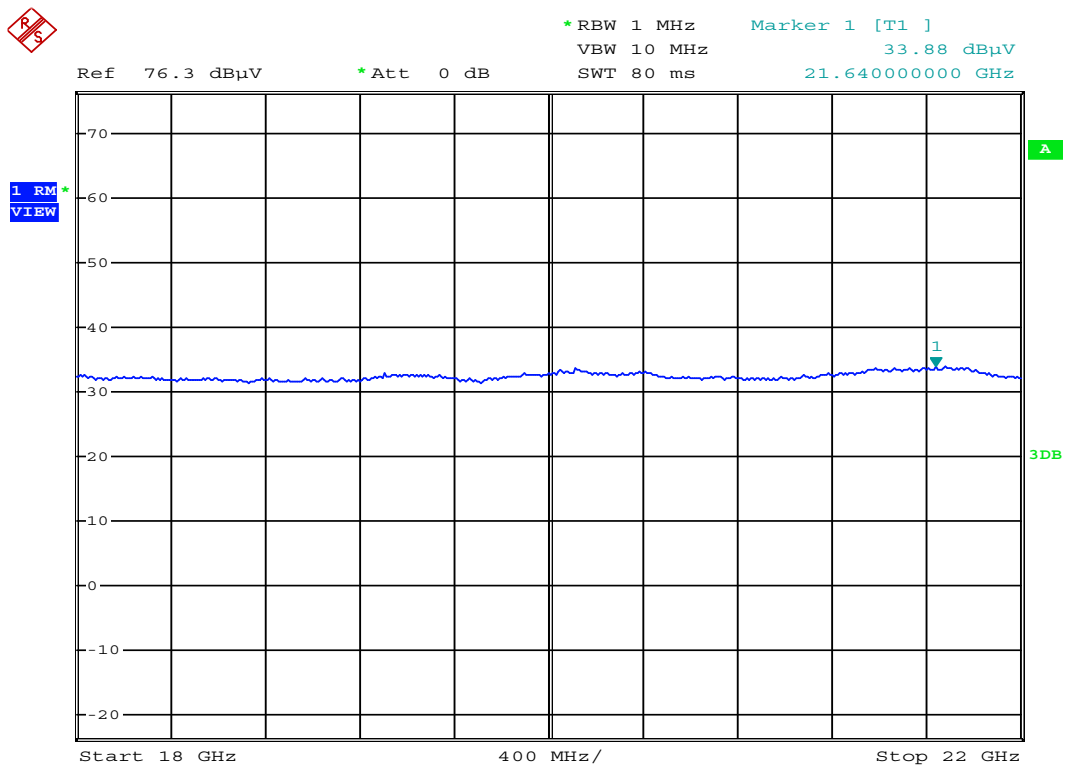
Radiated Tx Emissions:



Date: 31.JAN.2023 15:16:04

Channel:	**38**	**Channel Frequency:**	**2440**	**MHz**
Mode:	**BT BR**	**Modulation:**	**GFSK**	
Polarization:	**Vertical**	**Measured Emission:**	**ND**	**dBm**

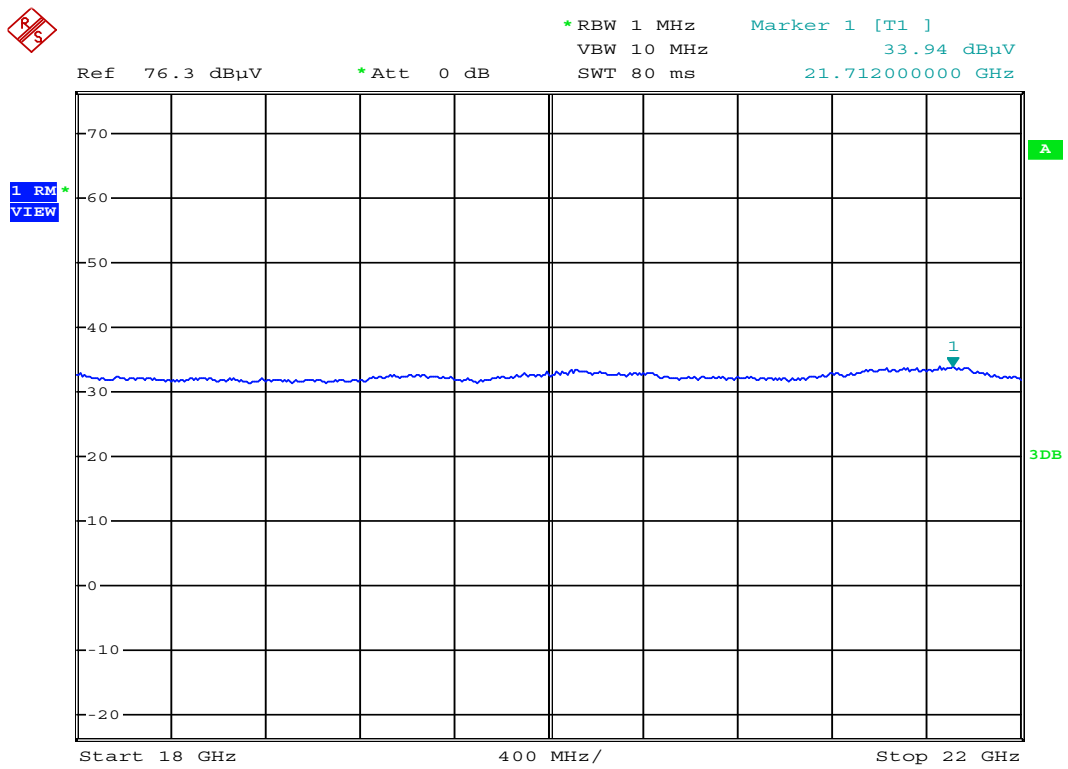
Radiated Tx Emissions:



Date: 31.JAN.2023 15:46:36

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

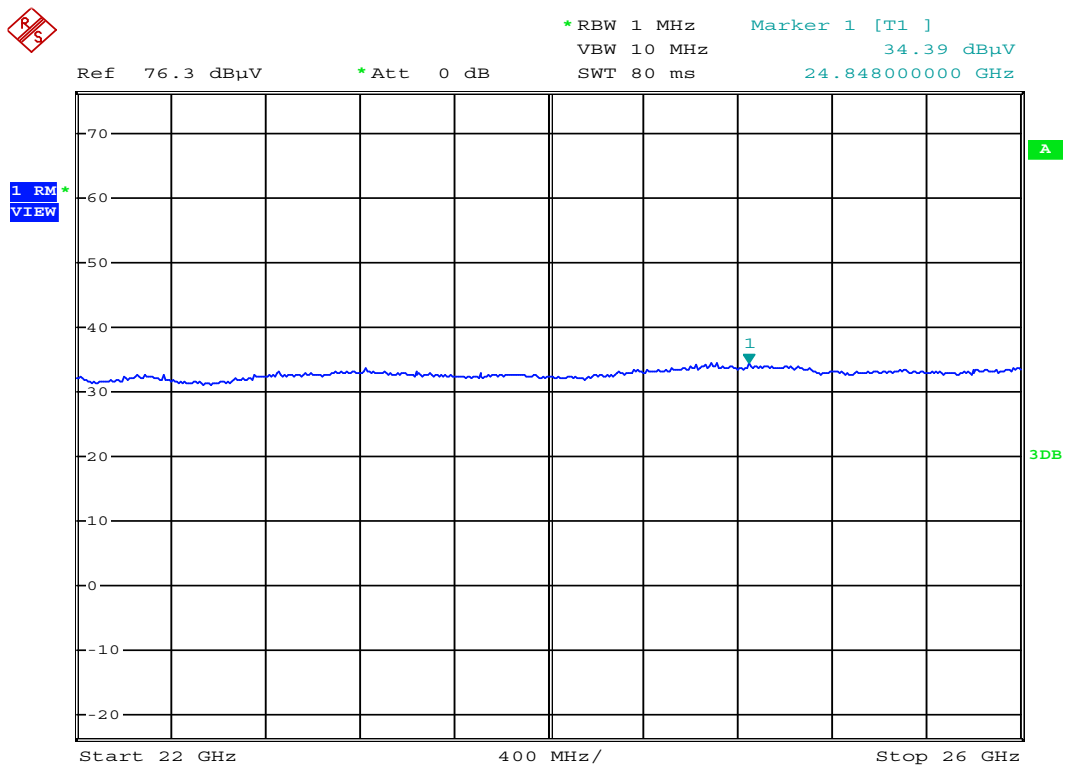
Radiated Tx Emissions:



Date: 31.JAN.2023 15:47:16

Channel:	**38**	**Channel Frequency:**	**2440**	**MHz**
Mode:	**BT BR**	**Modulation:**	**GFSK**	
Polarization:	**Vertical**	**Measured Emission:**	**ND**	**dBm**

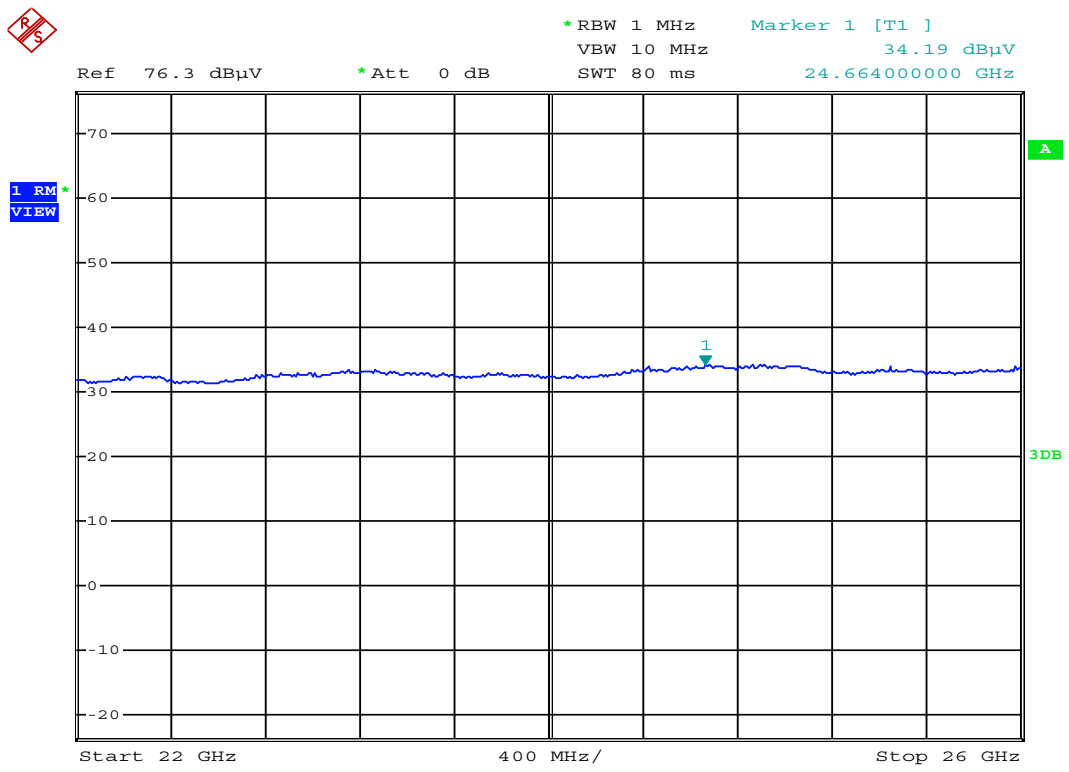
Radiated Tx Emissions:



Date: 31.JAN.2023 15:46:51

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

Radiated Tx Emissions:



Date: 31.JAN.2023 15:47:34

Channel:	**38**	**Channel Frequency:**	**2440**	**MHz**
Mode:	**BT BR**	**Modulation:**	**GFSK**	
Polarization:	**Vertical**	**Measured Emission:**	**ND**	**dBm**