

Conducted Spurious Emissions Measurement Results:

Mode	Channel Number	Channel Frequency (MHz)	Equipment Class	Modulation	Fundamental Power [P _{Fund}] (dBm)	Emission Frequency (MHz)	Measured Emission [P _{Meas}] (dBm)	Attenuation [Att] (dBm)	Limit (dB)	Margin (dB)						
MESH	0	927.0	DSS	FSK	21.85	980.2	-37.84	59.69	20.0	39.7						
					21.85	1852.0	-34.28	56.13		36.1						
					21.85	8950.0	-32.82	54.67		34.7						
					21.85	1852.0	-32.94	54.79		34.8						
Drive-By	0	927.0			DSS	FSK	21.85	963.0		-37.25	59.10	20.0	39.1			
							21.85	1856.0		-34.05	55.90		35.9			
							21.85	9760.0		-32.19	54.04		34.0			
							21.85	1854.0		-33.21	55.06		35.1			
LoRa	63	914.6					DSS	FSK		23.01	977.3		-37.52	60.53	20.0	40.5
										23.01	1832.0		-33.77	56.78		36.8
										23.01	3154.0		-32.70	55.71		35.7
										23.01	1830.0		-33.04	56.05		36.1
LoRa	7	914.2	DTS	FSK					22.82	981.0	-37.81		60.63	30.0		30.6
									22.82	1828.0	-34.72		57.54			27.5
									22.82	3000.0	-38.15		60.97			31.0
									22.82	1829.0	-33.89		56.71			26.7

Result: Complies

Attenuation [Att] = Fundamental Power [P_{fund}] - Measured Emission [P_{meas}]

Margin = [Att] - Limit

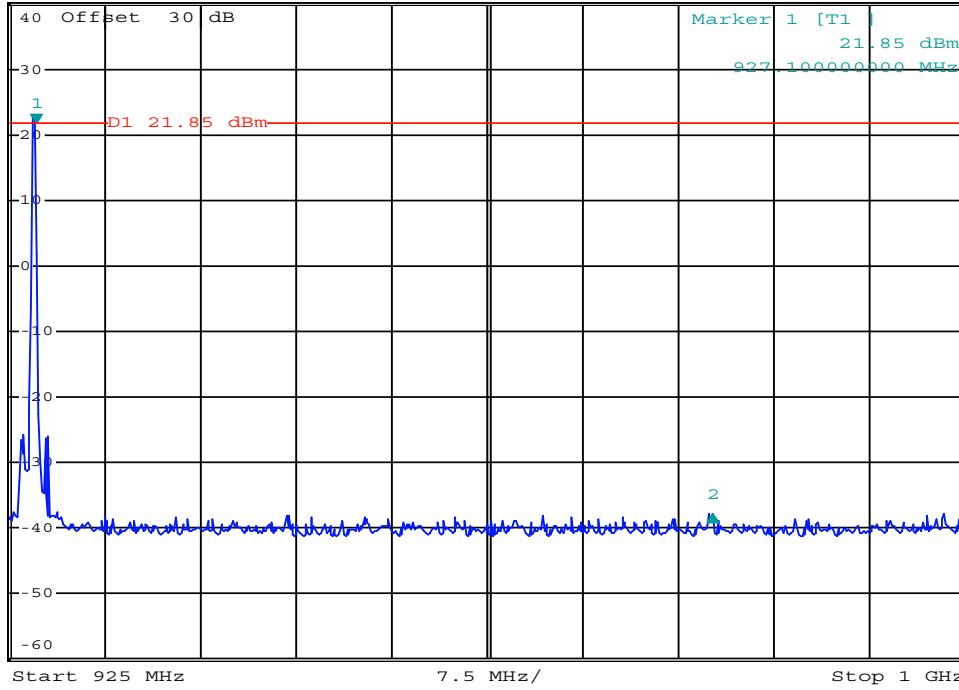
Conducted Spurious Emissions: 925 - 1000MHz



*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz -59.69 dB
 SWT 10 ms 53.100000000 MHz

Ref 40 dBm *Att 10 dB

1 PK
VIEW



Date: 24.AUG.2021 14:36:36

Equipment Class	Channel Number	Channel Frequency (MHz)	Mode	Modulation	Fund. Power (dBm)	Emission Frequency (MHz)	Measured Emission (dBm)
DSS	0	927	MESH	FSK	21.85	930.20	-37.84

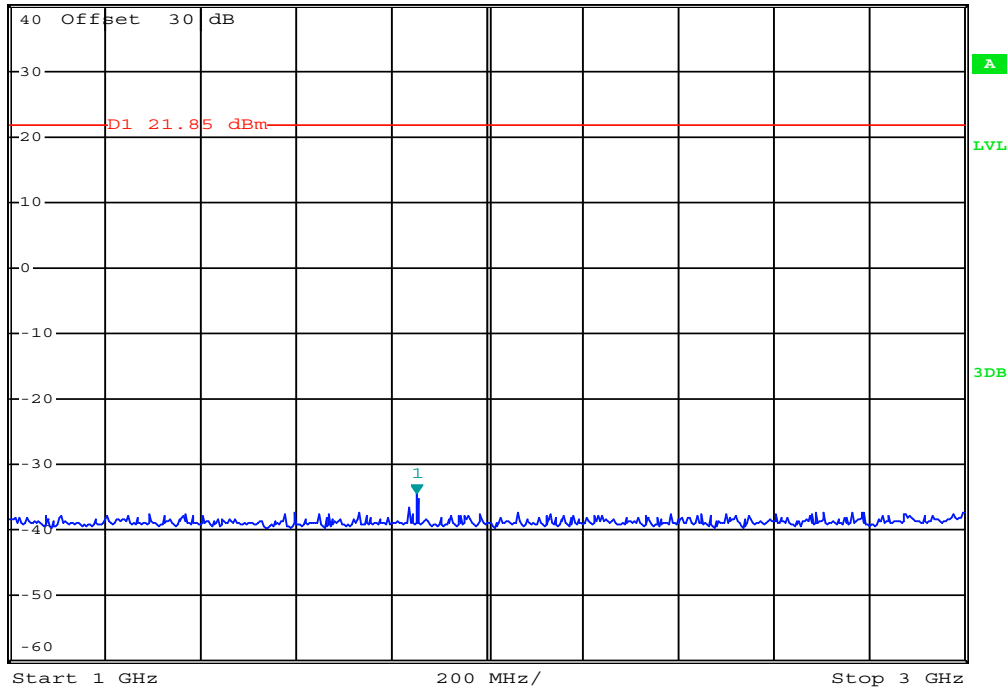
Conducted Spurious Emissions: 1 - 3GHz



*RBW 1 MHz Marker 1 [T1]
 VBW 3 MHz -34.28 dBm
 SWT 10 ms 1.852000000 GHz

Ref 40 dBm *Att 10 dB

1 PK
 VIEW



Date: 24.AUG.2021 14:37:14

Equipment Class	Channel Number	Channel Frequency (MHz)	Mode	Modulation	Fund. Power (dBm)	Emission Frequency (MHz)	Measured Emission (dBm)
DSS	0	927	MESH	FSK	21.85	1852	-34.28

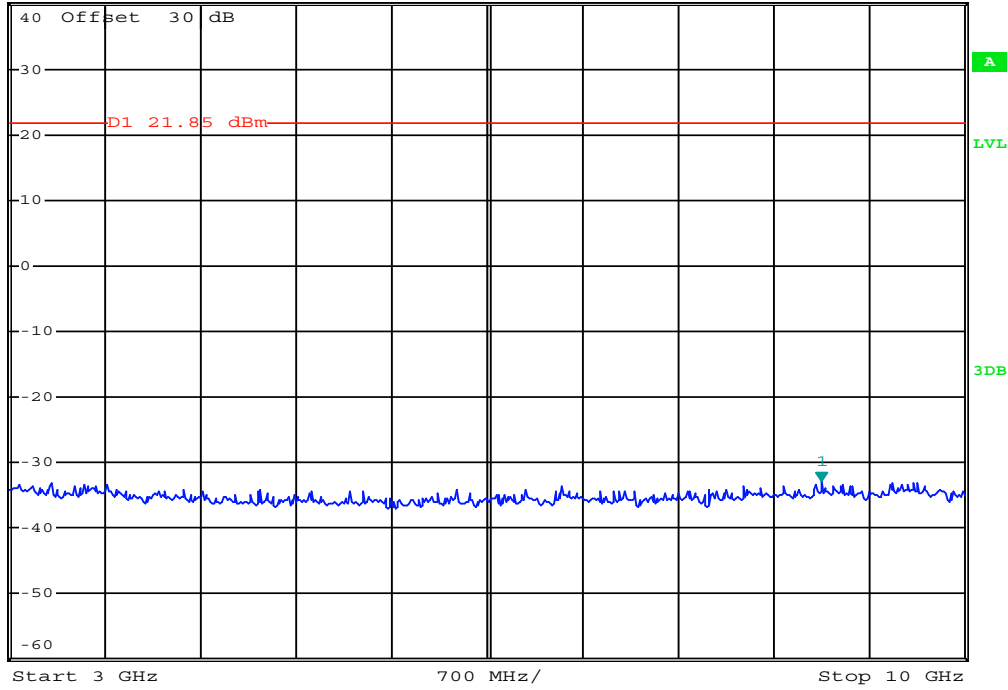
Conducted Spurious Emissions: 3 - 10GHz



*RBW 1 MHz Marker 1 [T1]
 VBW 3 MHz -32.82 dBm
 SWT 140 ms 8.950000000 GHz

Ref 40 dBm *Att 10 dB

1 PK
 VIEW



Date: 24.AUG.2021 14:37:37

Equipment Class	Channel Number	Channel Frequency (MHz)	Mode	Modulation	Fund. Power (dBm)	Emission Frequency (MHz)	Measured Emission (dBm)
DSS	0	927	MESH	FSK	21.85	8950	-32.82

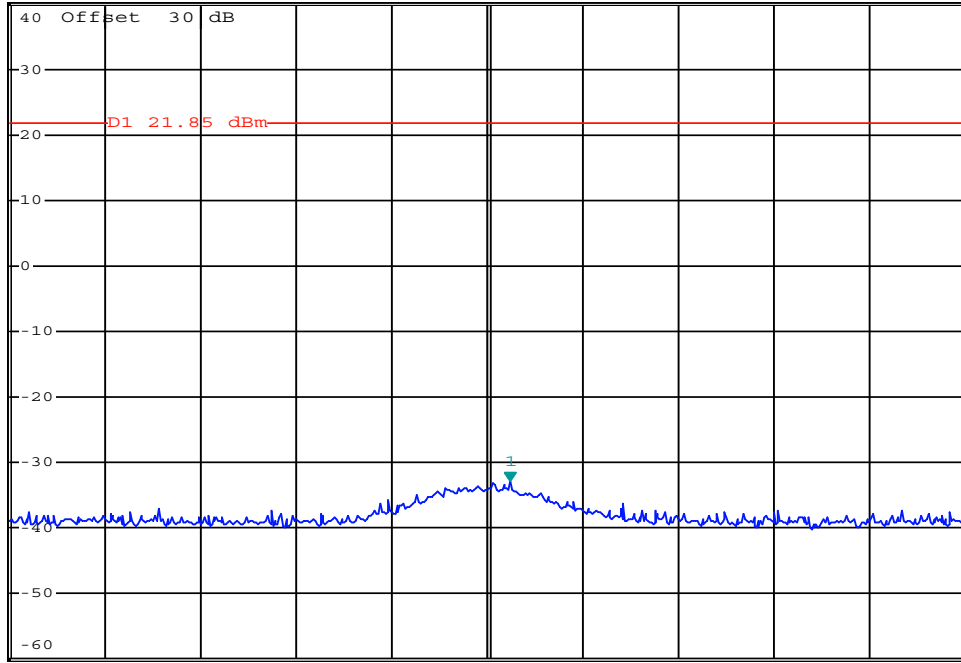
Conducted Spurious Emissions: 2nd Harmonic



*RBW 1 MHz Marker 1 [T1]
 VBW 3 MHz -32.94 dBm
 SWT 2.5 ms 1.854280000 GHz

Ref 40 dBm *Att 10 dB

1 PK
 VIEW



Date: 24.AUG.2021 14:38:20

Equipment Class	Channel Number	Channel Frequency (MHz)	Mode	Modulation	Fund. Power (dBm)	Emission Frequency (MHz)	Measured Emission (dBm)
DSS	0	927	MESH	FSK	21.85	1852	-32.94

Conducted Spurious Emissions: 926 - 1000MHz

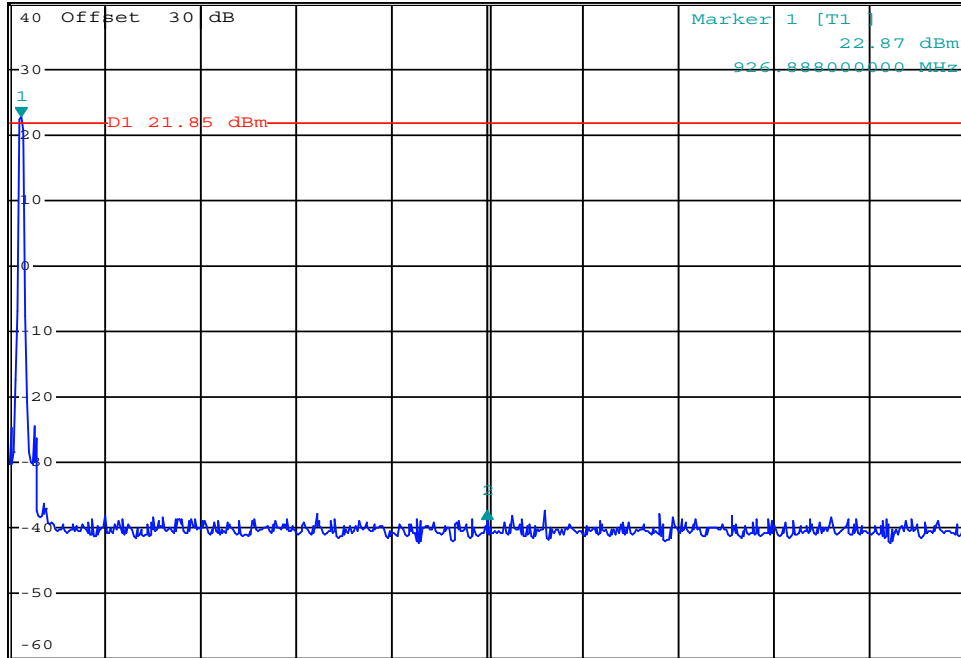


*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz -60.12 dB
 SWT 10 ms 36.112000000 MHz

Ref 40 dBm

*Att 10 dB

1 PK
 VIEW



Start 926 MHz 7.4 MHz/ Stop 1 GHz

Date: 24.AUG.2021 14:40:25

Equipment Class	Channel Number	Channel Frequency (MHz)	Mode	Modulation	Fund. Power (dBm)	Emission Frequency (MHz)	Measured Emission (dBm)
DSS	0	927	Drive-By	FSK	21.85	963.00	-37.25

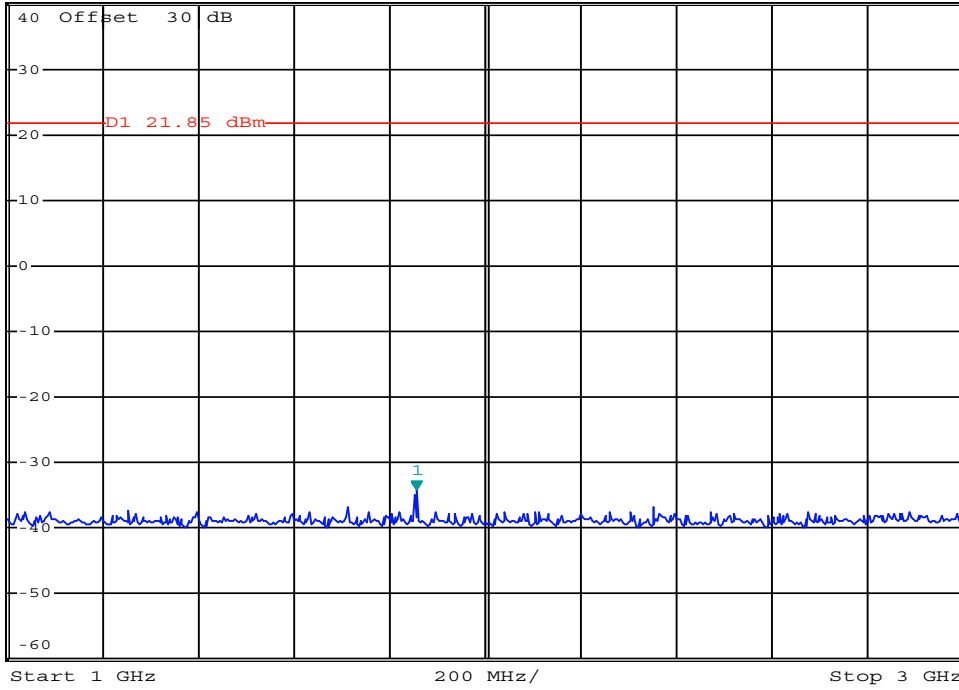
Conducted Spurious Emissions: 1 - 3GHz



*RBW 1 MHz Marker 1 [T1]
 VBW 3 MHz -34.05 dBm
 SWT 10 ms 1.856000000 GHz

Ref 40 dBm *Att 10 dB

1 PK
 VIEW



Date: 24.AUG.2021 14:41:04

Equipment Class	Channel Number	Channel Frequency (MHz)	Mode	Modulation	Fund. Power (dBm)	Emission Frequency (MHz)	Measured Emission (dBm)
DSS	0	927	Drive-By	FSK	21.85	1856	-34.05

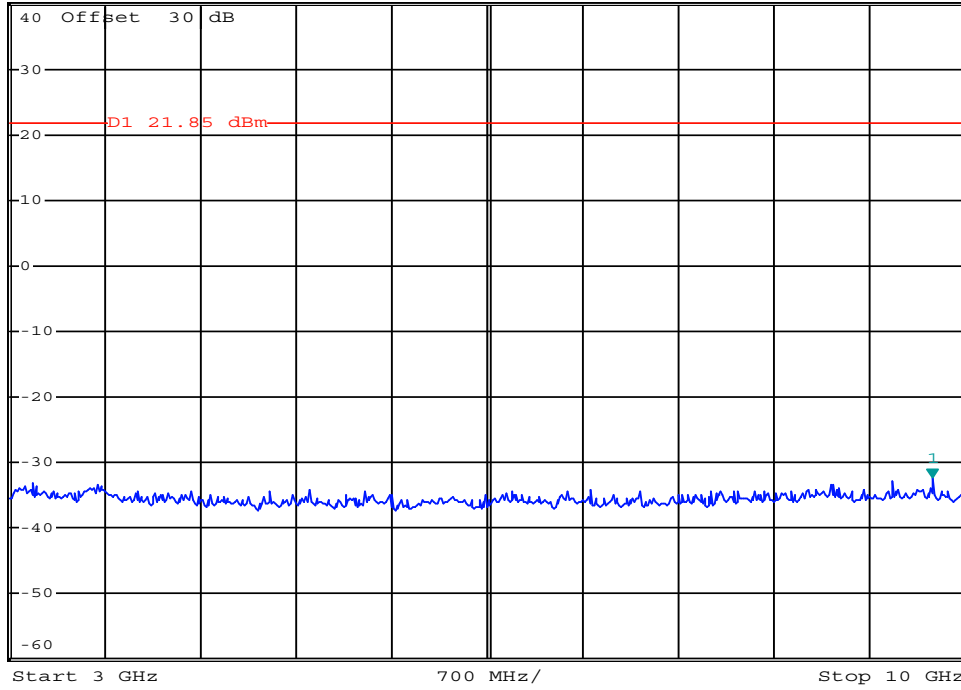
Conducted Spurious Emissions: 3 - 10GHz



*RBW 1 MHz Marker 1 [T1]
 VBW 3 MHz -32.19 dBm
 SWT 140 ms 9.762000000 GHz

Ref 40 dBm *Att 10 dB

1 PK
VIEW



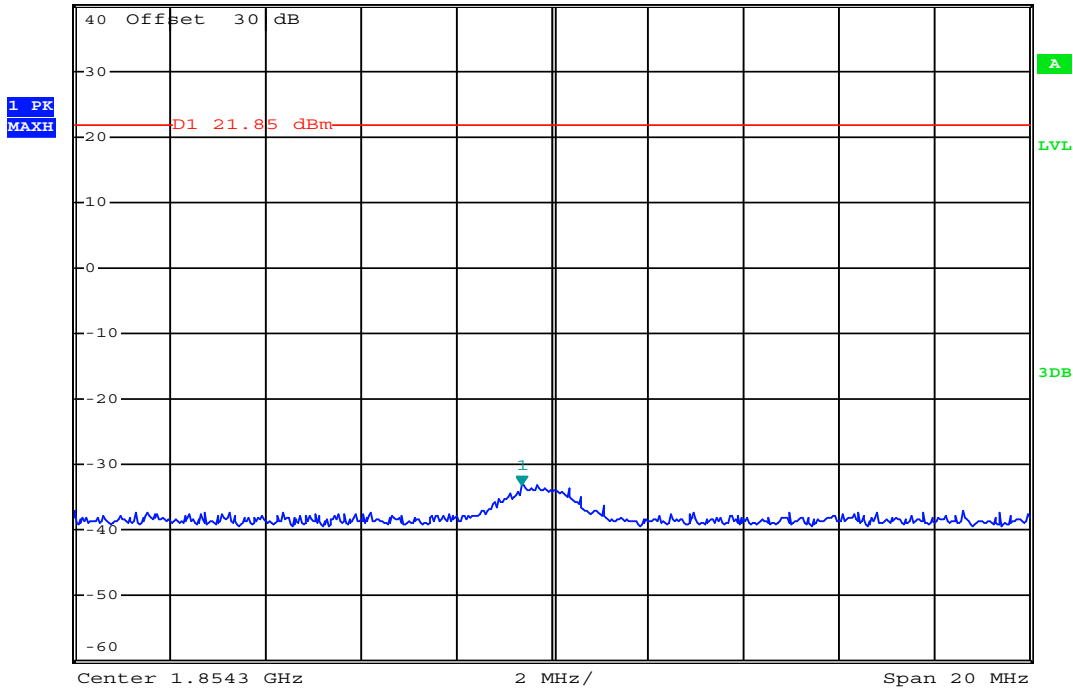
Date: 24.AUG.2021 14:41:21

Equipment Class	Channel Number	Channel Frequency (MHz)	Mode	Modulation	Fund. Power (dBm)	Emission Frequency (MHz)	Measured Emission (dBm)
DSS	0	927	Drive-By	FSK	21.85	9760	-32.19

Conducted Spurious Emissions: 2nd Harmonic



*RBW 1 MHz Marker 1 [T1]
 VBW 3 MHz -33.21 dBm
 Ref 40 dBm *Att 10 dB SWT 2.5 ms 1.853660000 GHz



Date: 24.AUG.2021 14:42:14

Equipment Class	Channel Number	Channel Frequency (MHz)	Mode	Modulation	Fund. Power (dBm)	Emission Frequency (MHz)	Measured Emission (dBm)
DSS	0	927	Drive-By	FSK	21.85	1854	-33.21

Conducted Spurious Emissions: 912 - 1000MHz

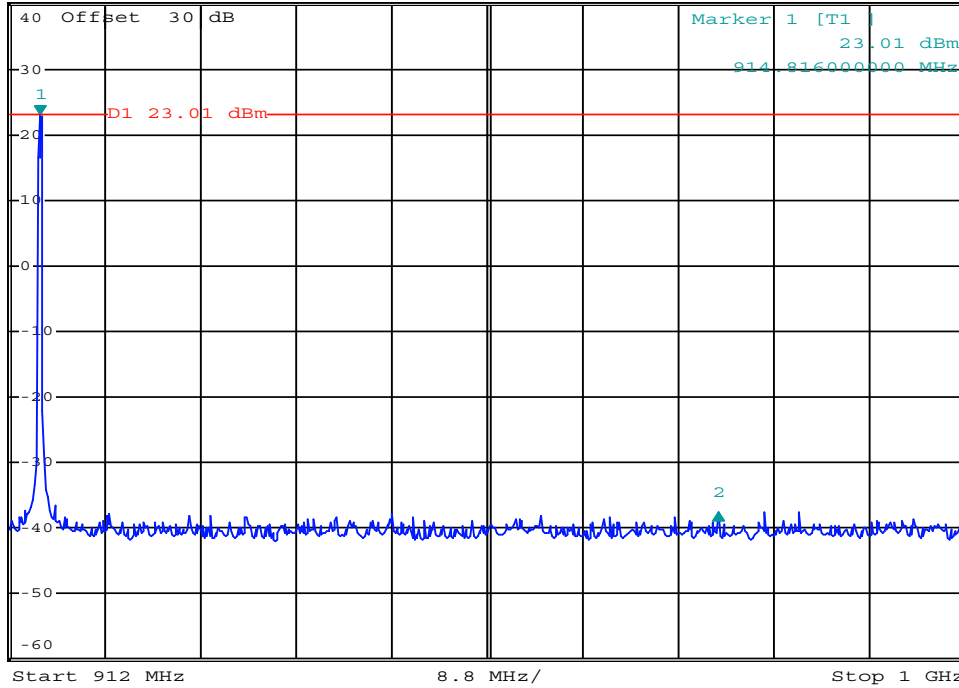


*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz -60.53 dB
 SWT 10 ms 62.480000000 MHz

Ref 40 dBm

*Att 10 dB

1 PK
VIEW



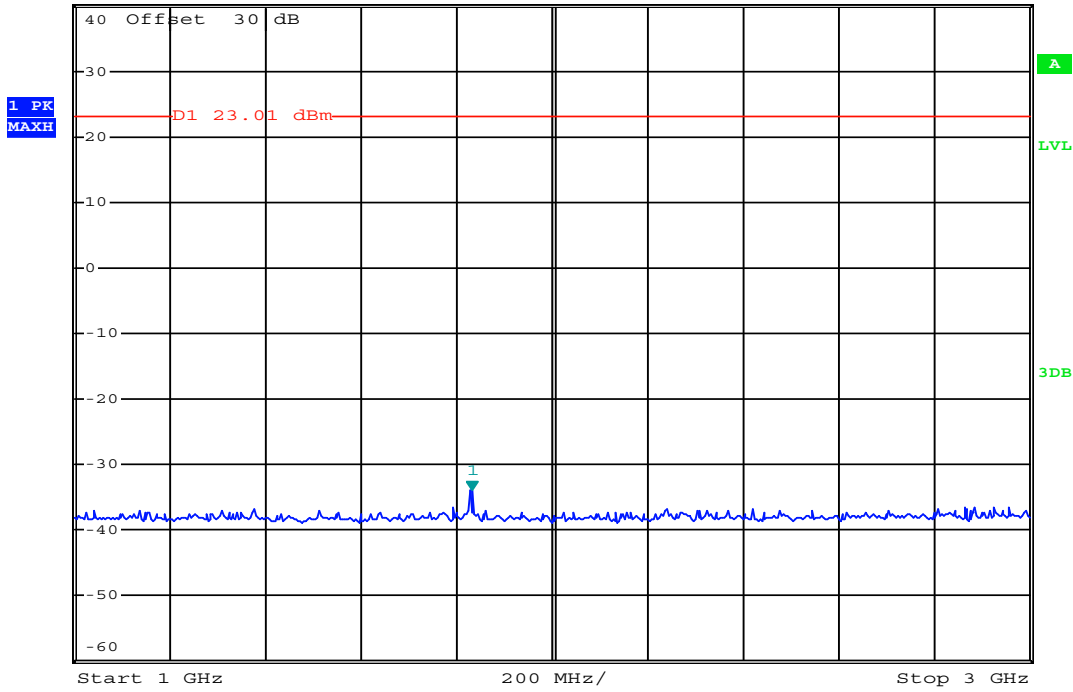
Date: 24.AUG.2021 14:29:36

Equipment Class	Channel Number	Channel Frequency (MHz)	Mode	Modulation	Fund. Power (dBm)	Emission Frequency (MHz)	Measured Emission (dBm)
DSS	63	914.6	LoRa	FSK	23.01	977.30	-37.52

Conducted Spurious Emissions: 1 - 3GHz



Ref 40 dBm *Att 10 dB *RBW 1 MHz Marker 1 [T1]
 Offset 30 dB VBW 3 MHz -33.77 dBm
 SWT 10 ms 1.832000000 GHz



Date: 24.AUG.2021 14:31:23

Equipment Class	Channel Number	Channel Frequency (MHz)	Mode	Modulation	Fund. Power (dBm)	Emission Frequency (MHz)	Measured Emission (dBm)
DSS	63	914.6	LoRa	FSK	23.01	1832	-33.77

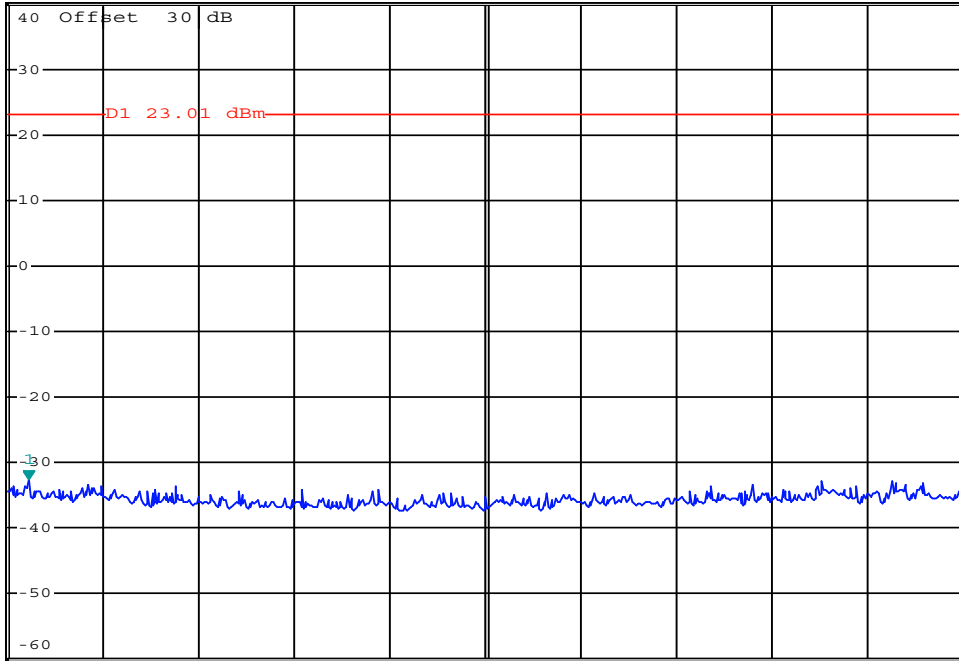
Conducted Spurious Emissions: 3 - 10GHz



*RBW 1 MHz Marker 1 [T1]
 VBW 3 MHz -32.70 dBm
 SWT 140 ms 3.154000000 GHz

Ref 40 dBm *Att 10 dB

1 PK
 VIEW



Date: 24.AUG.2021 14:31:44

Equipment Class	Channel Number	Channel Frequency (MHz)	Mode	Modulation	Fund. Power (dBm)	Emission Frequency (MHz)	Measured Emission (dBm)
DSS	63	914.6	LoRa	FSK	23.01	3154	-32.70

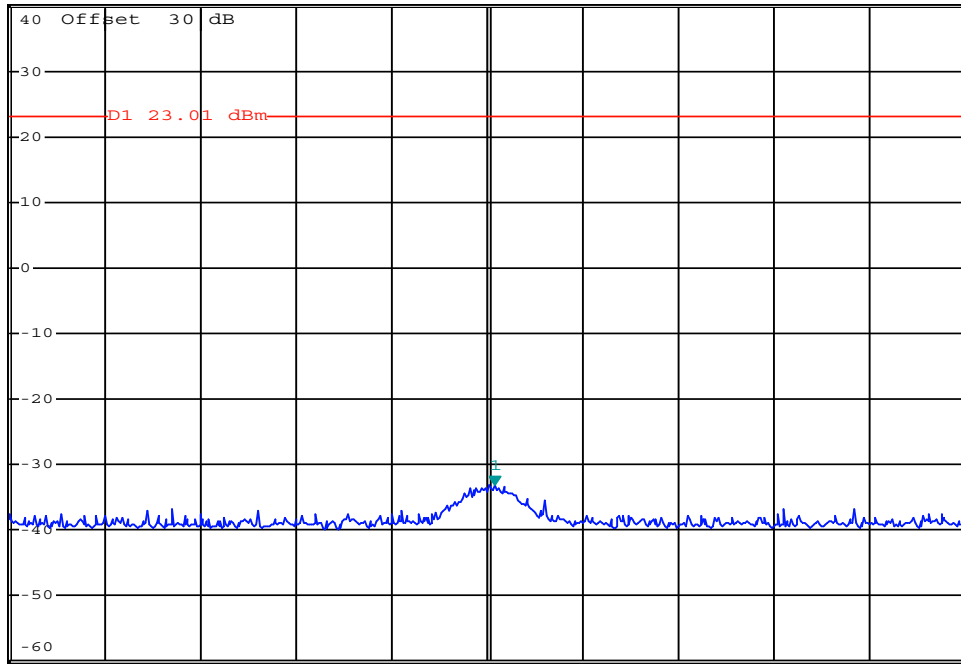
Conducted Spurious Emissions: 2nd Harmonic



*RBW 1 MHz Marker 1 [T1]
 VBW 3 MHz -33.04 dBm
 SWT 2.5 ms 1.829920000 GHz

Ref 40 dBm *Att 10 dB

1 PK
 VIEW



Date: 24.AUG.2021 14:32:45

Equipment Class	Channel Number	Channel Frequency (MHz)	Mode	Modulation	Fund. Power (dBm)	Emission Frequency (MHz)	Measured Emission (dBm)
DSS	63	914.6	LoRa	FSK	23.01	1830	-33.04

Conducted Spurious Emissions: 930 - 1000MHz

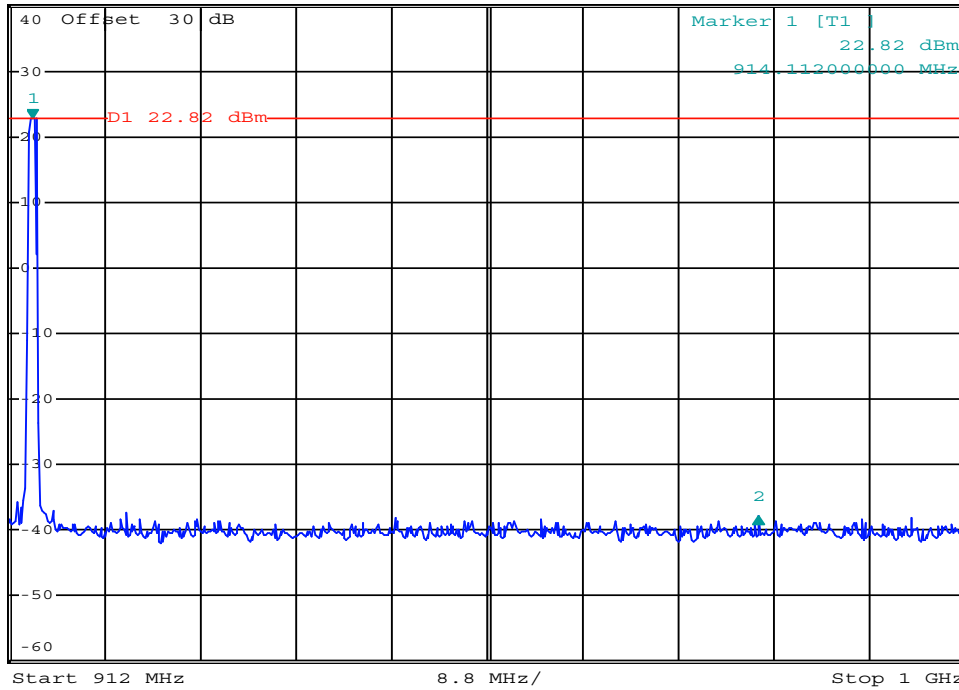


*RBW 100 kHz Delta 2 [T1]
 VBW 300 kHz -60.63 dB
 SWT 10 ms 66.880000000 MHz

Ref 40 dBm

*Att 10 dB

1 PK
VIEW



Date: 24.AUG.2021 14:24:12

Equipment Class	Channel Number	Channel Frequency (MHz)	Mode	Modulation	Fund. Power (dBm)	Emission Frequency (MHz)	Measured Emission (dBm)
DTS	7	914.2	LoRa	FSK	22.82	931.00	-37.81

Conducted Spurious Emissions: 1 - 3GHz

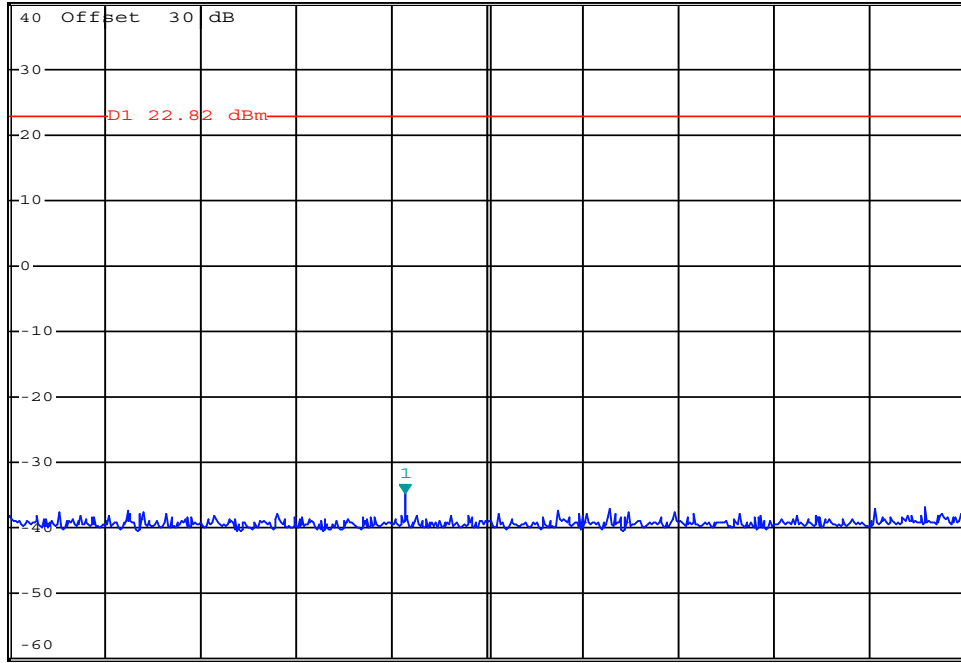


*RBW 1 MHz Marker 1 [T1]
 VBW 3 MHz -34.72 dBm
 SWT 10 ms 1.828000000 GHz

Ref 40 dBm

*Att 10 dB

1 PK
VIEW



Date: 24.AUG.2021 14:25:31

Equipment Class	Channel Number	Channel Frequency (MHz)	Mode	Modulation	Fund. Power (dBm)	Emission Frequency (MHz)	Measured Emission (dBm)
DTS	7	914.2	LoRa	FSK	22.82	1828	-34.72

Conducted Spurious Emissions: 3 - 10GHz

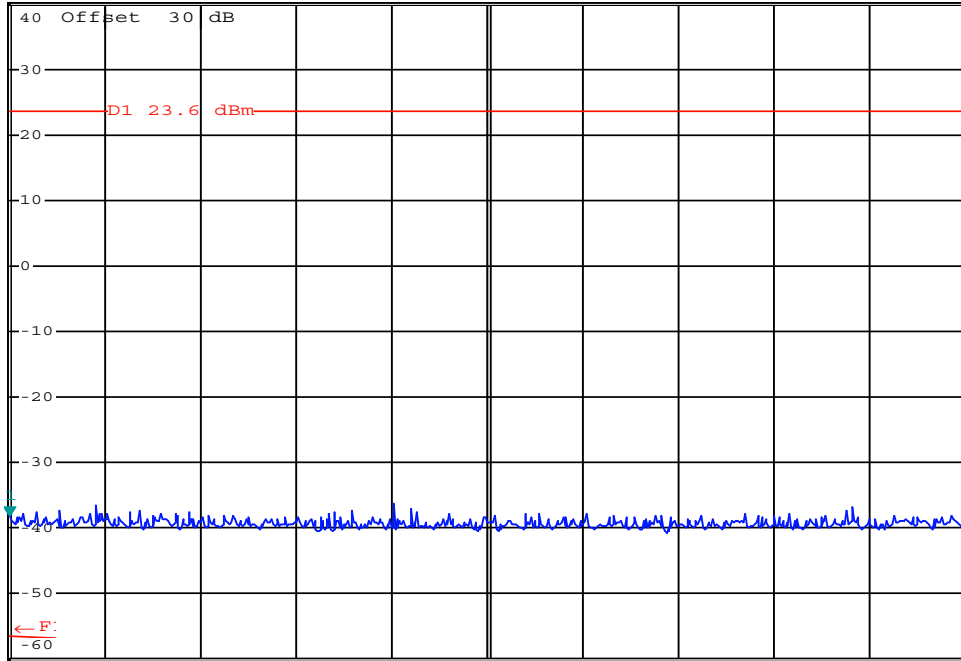


*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz -38.15 dBm
 SWT 700 ms 3.000000000 GHz

Ref 40 dBm

*Att 10 dB

1 PK
VIEW



Start 3 GHz 700 MHz/ Stop 10 GHz

Date: 4.JUL.2021 14:13:41

Equipment Class	Channel Number	Channel Frequency (MHz)	Mode	Modulation	Fund. Power (dBm)	Emission Frequency (MHz)	Measured Emission (dBm)
DTS	7	914.2	LoRa	FSK	22.82	3000	-38.15

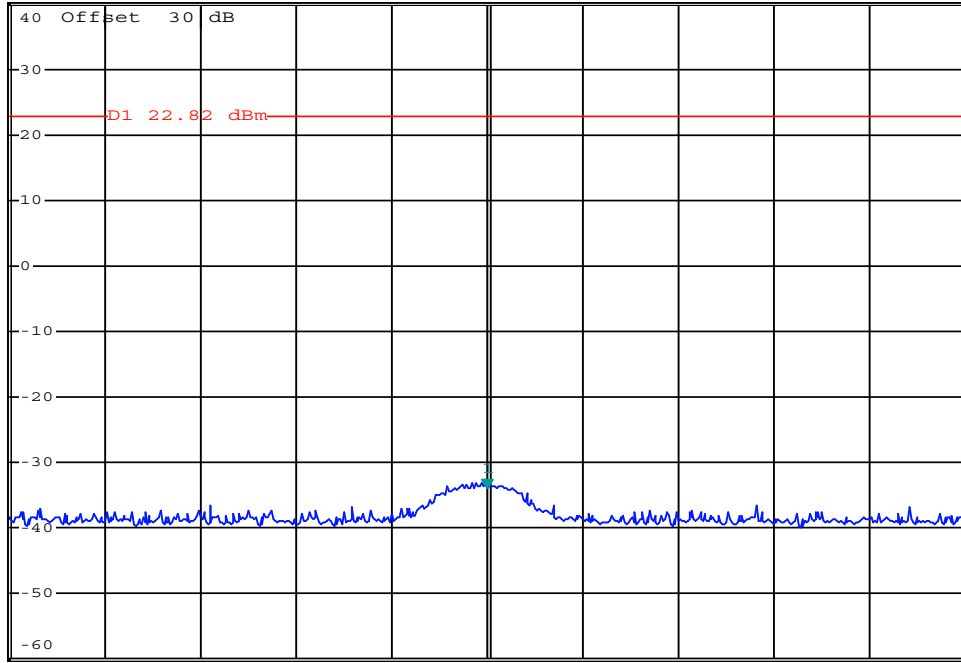
Conducted Spurious Emissions: 2nd Harmonic



*RBW 1 MHz Marker 1 [T1]
 VBW 3 MHz -33.89 dBm
 SWT 2.5 ms 1.828560000 GHz

Ref 40 dBm *Att 10 dB

1 PK
 VIEW



Date: 24.AUG.2021 14:26:44

Equipment Class	Channel Number	Channel Frequency (MHz)	Mode	Modulation	Fund. Power (dBm)	Emission Frequency (MHz)	Measured Emission (dBm)
DTS	7	914.2	LoRa	FSK	22.82	1829	-33.89