



## Test Report - FCC PART 15.247 (DTS) Prepared For: TANDD Corporation

Approved for Release By:

Signature: Bruno Clavier

Name & Title: Bruno Clavier, General Manager

Date of Signature 10/14/2020

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## Table of Contents

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1.	CUSTOMER INFORMATION.....	4
1.1	TEST RESULT SUMMARY .....	4
2.	LOCATION OF TESTING .....	6
2.1	TEST LABORATORY .....	6
2.2	TESTING WAS PERFORMED, REVIEWED BY .....	6
3.	TEST SAMPLE(S) (EUT/DUT).....	7
3.1	DESCRIPTION OF THE EUT.....	7
3.2	CONFIGURATION OF EUT .....	8
3.3	TEST SETUP OF EUT.....	8
4.	TEST METHODS & APPLICABLE REGULATORY LIMITS.....	9
4.1	TEST METHODS/STANDARDS/GUIDANCE: .....	9
4.2	APPLIED LIMITS AND REGULATORY LIMITS:.....	9
5.	MEASUREMENT UNCERTAINTY.....	9
6.	ENVIRONMENTAL CONDITIONS .....	9
6.1	TEMPERATURE & HUMIDITY .....	9
7.	LIST OF TEST EQUIPMENT AND TEST FACILITY.....	10
7.1	LIST OF TEST EQUIPMENT .....	10
8.	TEST RESULTS .....	11
8.1	HOPPING CHARACTERISTICS.....	12
8.2	99% OCCUPIED BANDWIDTH .....	13
8.2.1	99% Bandwidth, 902.9376 MHz.....	14
8.2.2	99% Bandwidth, 915.6096 MHz.....	15
8.2.3	99% Bandwidth, 927.1296 MHz.....	16



8.3	6 DB DTS BANDWIDTH .....	17
8.3.1	6 dB DTS Bandwidth, 902.9376 MHz .....	18
8.3.2	6 dB DTS Bandwidth, 915.6096 MHz.....	19
8.3.3	6 dB DTS Bandwidth, 927.1296 MHz .....	20
8.4	CONDUCTED OUTPUT POWER.....	21
8.4.1	Conducted Output Power, 902.9376 MHz.....	22
8.4.2	Conducted Output Power, 915.6096 MHz.....	23
8.4.3	Conducted Output Power, 927.1296 MHz.....	24
8.5	EMISSIONS IN NONRESTRICTED FREQUENCY BANDS (OUT OF BAND) .....	25
8.5.1	Conducted Emissions, 902.9376 MHz .....	26
8.5.2	Conducted Emissions, 915.6096 MHz.....	27
8.5.3	Conducted Emissions, 927.1296 MHz.....	28
8.6	POWER SPECTRAL DENSITY .....	29
8.6.1	PSD, 902.9376 MHz.....	30
8.6.2	PSD, 915.6096 MHz.....	31
8.6.3	PSD, 927.1296 MHz .....	32
8.7	BAND-EDGE MEASUREMENTS .....	33
8.7.1	Fundamental Field Strength.....	34
8.7.2	Lower Band Edge Plot.....	35
8.7.3	Upper Band Edge Plot.....	36
8.8	RADIATED EMISSIONS.....	37
8.8.1	Non-harmonics in Restricted Bands .....	38
8.8.2	902.9376 MHz.....	38
8.8.3	915.6096 MHz.....	39
8.8.4	927.1296 MHz.....	39
9.	ANNEX-A - PHOTOGRAPHS OF THE EUT.....	40
10.	ANNEX-B – TEST SETUP PHOTOGRAPHS.....	40
11.	HISTORY OF TEST REPORT CHANGES.....	40



Timco Engineering, Inc., an IIA Company  
849 NW State Road 45, Newberry, Florida 32669  
(352) 472-5500 / [testing@timcoengr.com](mailto:testing@timcoengr.com)

## 1. Customer Information

Applicant: TANDD Corporation USA  
Address: 817-1-Shimadachi, Matsumoto,  
Nagano, Japan 390-0852  
  
Contact: Akemi Oana  
Telephone: 81-263-40-0131  
Email address: [oana@tandd.co.jp](mailto:oana@tandd.co.jp)

### 1.1 Test Result Summary

The following test procedure and guidance were used for measuring Digital Transmission System (DTS); FCC KDB 558074 D01 DTS Measurement Guidance and ANSI C63.10-2013. Full test results are available in this report.

No additions to the test methods were needed. There were no deviations, or exclusions from the test methods. No test results are from external providers or from the customer. The test results relate only to the items tested. Timco does not offer opinions and interpretations, only a pass/fail statement.



The Following is for Test item FCC ID: SRD10100

Applicable Clauses from Part 2 or KDB		
FCC Clauses	Description of the requirements	Result: (Pass, Fail, N/A)
KDB 558074 D01	Duty Cycle	Reported
KDB 558074 D01	99 % Bandwidth	Reported
KDB 558074 D01	Band-edge measurements	Pass

Applicable Clauses from Part 15.247		
FCC Clauses	Description of the requirements	Result: (Pass, Fail, N/A)
15.247 (a) (1) – (1) (iii)	FHSS hopping requirements (1, i,ii,iii)	n/a
15.247 (a) (1)	FHSS 20dB Bandwidth	n/a
15.247 (a) (2)	DTS 6dB Bandwidth	Pass
15.247 (b) (1) – (4)	Conducted output power	Pass
15.247 (c) (1) – (2)	Operation with directional antenna gains > 6 dBi	n/a
15.247 (d), 15.215 (b)	Conducted Emissions in Non-restricted Bands	Pass
15.247 (d), 15.215 (b)	Conducted Emissions at the Band-edge	Pass
15.247 (e)	Power Spectral Density (PSD)	Pass
15.247 (f)	Hybrid system hopping requirements	n/a
15.247 (f)	Hybrid system Power Spectral Density	n/a
15.247 (g)	FHSS System requirements	n/a
15.247 (h)	FHSS spectrum sensing	n/a

Applicable Clauses from Part 2 and Part 15 Subpart C		
FCC Clauses	Description of the requirements	Result: (Pass, Fail, N/A)
15.203	Antenna requirements	Pass
15.205	Restricted bands of operation	Pass
15.207	AC Power Conducted Emissions	n/a
15.209	Radiated Emissions in Restricted Bands	Pass
15.211	Tunnel Radio Systems	n/a
15.212 (a)	Single Modular Transmitter	n/a
15.212 (b)	Limited Modular Transmitter	n/a
15.213	Cable Locating Equipment	n/a



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## 2. Location of Testing

### 2.1 Test Laboratory

Timco Engineering Inc. is a subsidiary of Industrial Inspection & Analysis, Inc. ("IIA"). Testing was performed at Timco's permanent laboratory located at 849 NW State Road 45, Newberry, Florida 32669

FCC test firm # 578780  
 FCC Designation # US1070  
 FCC site registration is under A2LA certificate # 0955.01  
 ISED Canada test site registration # 2056A  
 EU Notified Body # 1177  
 For all designations see A2LA scope # 0955.01


### 2.2 Testing was performed, reviewed by

Dates of Testing: October 14 - 29, 2020

Signature:  \_\_\_\_\_

Name & Title: Franklin Rose, EMC Specialist

Date of Signature  
 (YYYY-MM-DD): 2020-10-29

Signature:  \_\_\_\_\_



Name & Title: Tim Royer, EMC Engineer

Date of Signature  
 (YYYY-MM-DD): 2020-10-29



### 3. Test Sample(s) (EUT/DUT)

The test sample was received: October 14, 2020

#### 3.1 Description of the EUT

A description as well as unambiguous identification of the EUT(s) tested. Where more than one sample is required for technical reasons (such as the use of connected units for the purpose of conducted output power testing where the product units will have integral antennas), each specific test shall identify which unit was tested.

Identification	
FCC ID:	SRD10100
Brief Description	Data Logger Base Unit
Type of Modular	Host device to WiFi module FCC ID: Z64-CC3135MOD
Model(s) #	RTR500BC, RTR500BW
Firmware version	n/a
Software version	n/a
Serial Number	n/a

Technical Characteristics	
Technology	900 MHz FSK (The host also contains 2.4 GHz BLE; 2.4 GHz WiFi module)
Frequency Range	902-928 MHz; 2400-2483.5 MHz
RF O/P Power (Max.)	7.2 dBm (5.25 milliwatts)
Modulation	FSK
Bandwidth & Emission Class	552.55 kHz
Number of Channels	21
Duty Cycle	10%
Antenna Gain (for each ant.)	2.15 dBi
Antenna Connector	SMA
Voltage Rating (AC or Batt.)	5 V DC

Antenna Characteristics			
Antenna	Frequency Range	Mode / BW	Antenna Gain
1	902-928 MHz	n/a	2.15 dBi



### 3.2 Configuration of EUT

Test Modes						
Band	Mode (#)	Mode (Type)	Test Frequencies	BW (nominal)	Modulation	Number of Antennas
902-928 MHz	1	FSK	902.9376 MHz, 915.609696 MHz, 927.1296 MHz	552.55 kHz	FSK (F1D)	1

#### Operating conditions during Testing:

No modifications of the device under test (including firmware, specific software settings, and input/output signal levels to the EUT).

#### Peripherals used during Testing:

A laptop PC was used to control the EUT.

### 3.3 Test Setup of EUT

Equipment, antenna, and cable arrangement. The setup of the equipment and cable or wire placement on the test site that produces the highest radiated and the highest ac power line conducted emissions shall be shown clearly and described. Information on the orientation of portable equipment during testing shall be included. Drawings or photographs may be used for this purpose.

Test Setups are included in the test report.





#### 4. Test methods & Applicable Regulatory Limits

##### 4.1 Test methods/Standards/Guidance:

Test procedures and guidance for measuring Digital Transmission System (DTS) are provided in the FCC KDB 558074 D01 DTS Measurement Guidance and in Clause 11 of ANSI C63.10-2013.

- 1) ANSI C63.10-2013
- 2) FCC KDB 558074 D01

##### 4.2 Applied Limits and Regulatory Limits:

- 3) FCC CFR 47 Part 15.247

#### 5. Measurement Uncertainty

Parameter	Uncertainty (dB)
Conducted Emissions	± 3.14 dB
Radiated Emissions (9kHz – 30 MHz)	± 3.08 dB
Radiated Emissions (30 – 200 MHz)	± 2.16 dB
Radiated Emissions (200 – 1000 MHz)	± 2.15 dB
Radiated Emissions (1 GHz – 18 GHz)	± 2.14 dB
Radiated Emissions (18 GHz – 40 GHz)	± 2.31 dB
<b>Note:</b> The uncertainties provided in this table represent an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of K=2.	

#### 6. Environmental Conditions

##### 6.1 Temperature & Humidity

Measurements performed at the test site did not exceed the following:

Temperature	23 C +/- 5%
Humidity	55% +/- 5%
Barometric pressure	30.05 inHg
<b>Note:</b> Specific environmental conditions that are applicable to a specific test are available in the test result section.	



## 7. List of Test Equipment and Test Facility

The test equipment used identified by type, manufacturer, serial number, or other identification and the date on which the next calibration or service check is due.

Description of the firmware or software used to operate EUT for testing purposes.

A complete list of all test equipment used shall be included with the test report. The manufacturer’s model and serial numbers, and date of last calibration, and calibration interval shall be included. Measurement cable loss, measuring instrument bandwidth and detector function, video bandwidth, if appropriate, and antenna factors shall also be included where applicable.

### 7.1 List of Test Equipment

Device	Manufacturer	Model	SN #	Current Cal	Cal Due
<a href="#">Digital Multimeter</a>	Fluke	77	35053830	9/9/20	9/9/2023
<a href="#">Active Loop</a>	ETS-Lindgren	6502	00062529	10/20/20	10/20/2023
<a href="#">Biconical 1057</a>	Eaton	94455-1	1057	10/16/20	10/16/2023
<a href="#">Log-Periodic 1243</a>	Eaton	96005	1243	4/20/18	4/19/2021
<a href="#">Double-Ridged Horn/ETS Horn 2</a>	ETS-Lindgren	3117	00041534	10/14/20	10/14/2023
<a href="#">Double-Ridged Horn 18-40 GHz</a>	EMCO	3116	9011-2145	10/19/20	10/19/2023
<a href="#">CHAMBER</a>	Panashield	3M	N/A	3/12/19	3/11/2021
<a href="#">Pre-amp</a>	RF-LAMBDA	RLNA00M45GA	NA	2/27/19	2/26/2022
<a href="#">EMI Test Receiver R&amp;S ESU 40</a>	Rohde & Schwarz	ESU 40	100320	8/28/18	8/27/2021

Software	Author	Version	Validation Or
ESU Firmware	Rohde & Schwarz	4.43 SP3; BIOS v5.1-24-3	2018
RSCCommander	Rohde & Schwarz	1.6.4	2014



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## 8. Test Results

The results of the test are usually indicated in the form of tables, spectrum analyzer plots, charts, sample calculations, as appropriate for each test procedure.

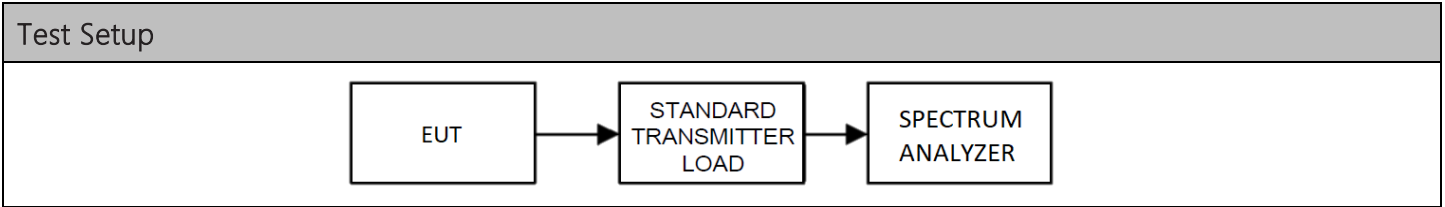
A description and/or a block diagram of the test setup is usually provided.

The measurement results, along with the appropriate limits for comparison, may be presented in tabular or graphical form. In addition, any variation in the measurement environment may be reported if applicable (e.g., a significant change of temperature that could affect the cable loss and amplifier response).

Unless noted otherwise in the referenced standard, the measurements of **ac power-line conducted emissions and conducted power output** will be reported in units of dB $\mu$ V. Unless noted otherwise in the referenced standard, the measurements of **radiated emissions** will be reported in units of decibels, referenced to one microvolt per meter (dB $\mu$ V/m) for electric fields, or to one ampere per meter (dBA/m) for magnetic fields, at the distance specified in the appropriate standards or requirements. The measurements of antenna-conducted power for receivers may be reported in units of dB $\mu$ V if the impedance of the measuring instrument is also reported. Otherwise, antenna-conducted power will be reported in units of decibels referenced to one milliwatt (dBm). All formulas for data conversions and conversion factors, if used, will be included in this measurement report.

## 8.1 Hopping Characteristics

Limits from FCC 15.247(a)(1)(i) or 15.247 (f) as applicable, and test procedure from ANSI C63.10-2013 section 11.10

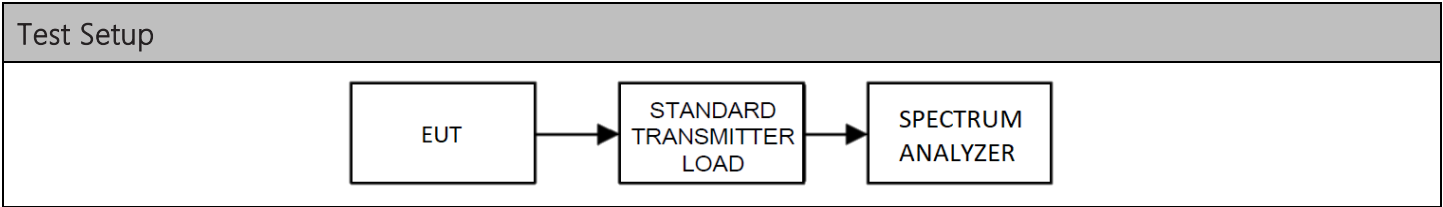


n/a. The EUT does not employ frequency hopping.



## 8.2 99% Occupied Bandwidth

Limits from FCC Part 15.247 (a)(1) – (2) as applicable, and test procedure from ANSI C63.10-2013 section 7.8 or 11.8 as applicable.

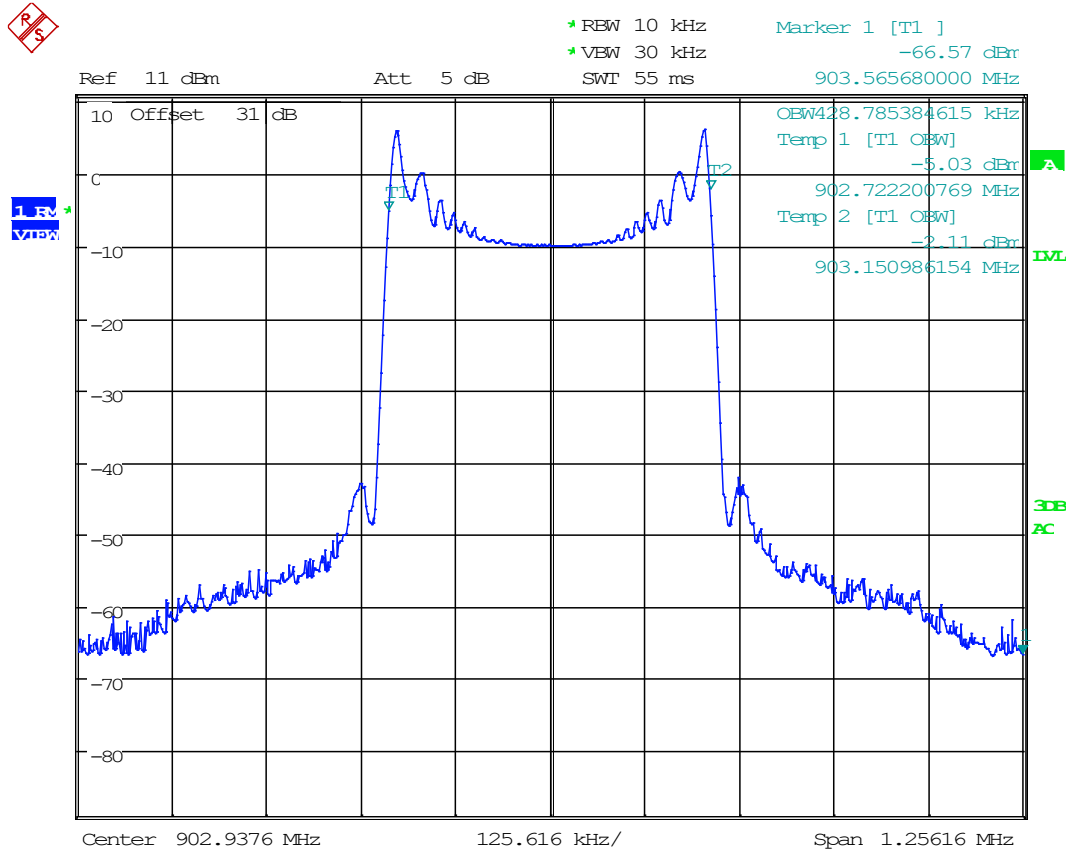


Test Results, Mode 1

Tuned Frequency (MHz)	Bandwidth (kHz)
902.9376	428.78
915.6096	427.32
927.1296	426.77

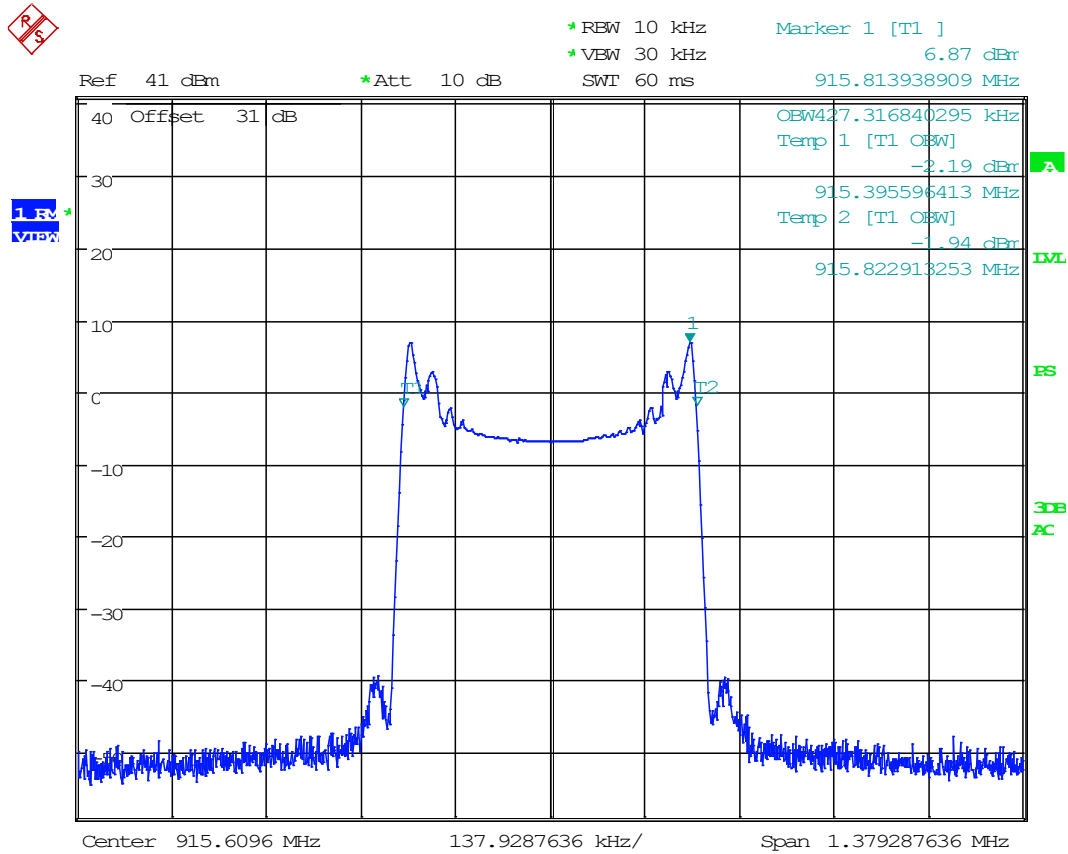
## Occupied Bandwidth, Spectrum Plots

### 8.2.1 99% Bandwidth, 902.9376 MHz



Date: 21.OCT.2020 12:52:09

### 8.2.2 99% Bandwidth, 915.6096 MHz



Date: 21.OCT.2020 12:43:22

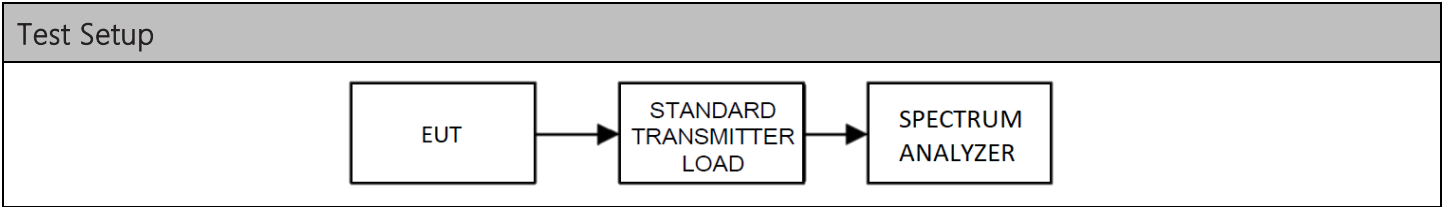






### 8.3 6 dB DTS Bandwidth

Limits from FCC Part 15.247 (a) (2) as applicable, and test procedure from ANSI C63.10-2013 section 7.8 or 11.8 as applicable.

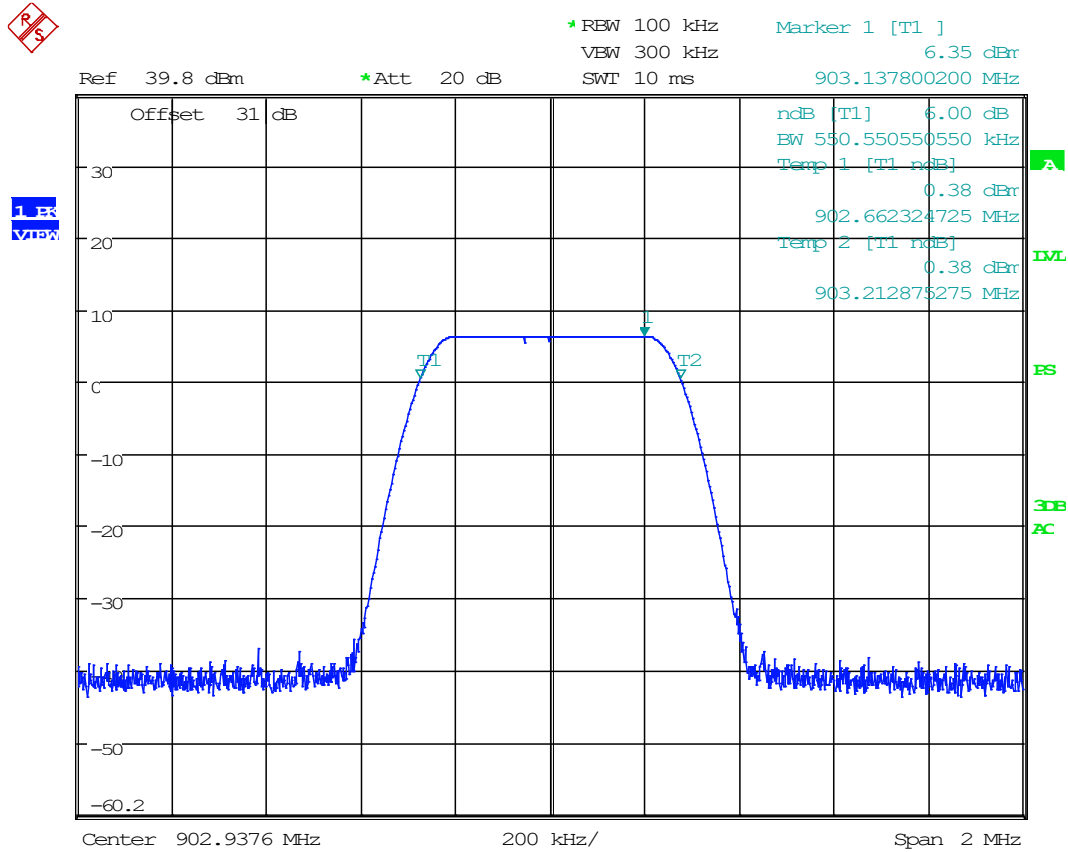


Test Results, Mode 1	
Tuned Frequency (MHz)	Bandwidth (kHz)
902.9376	550.55
915.6096	550.55
927.1296	550.55



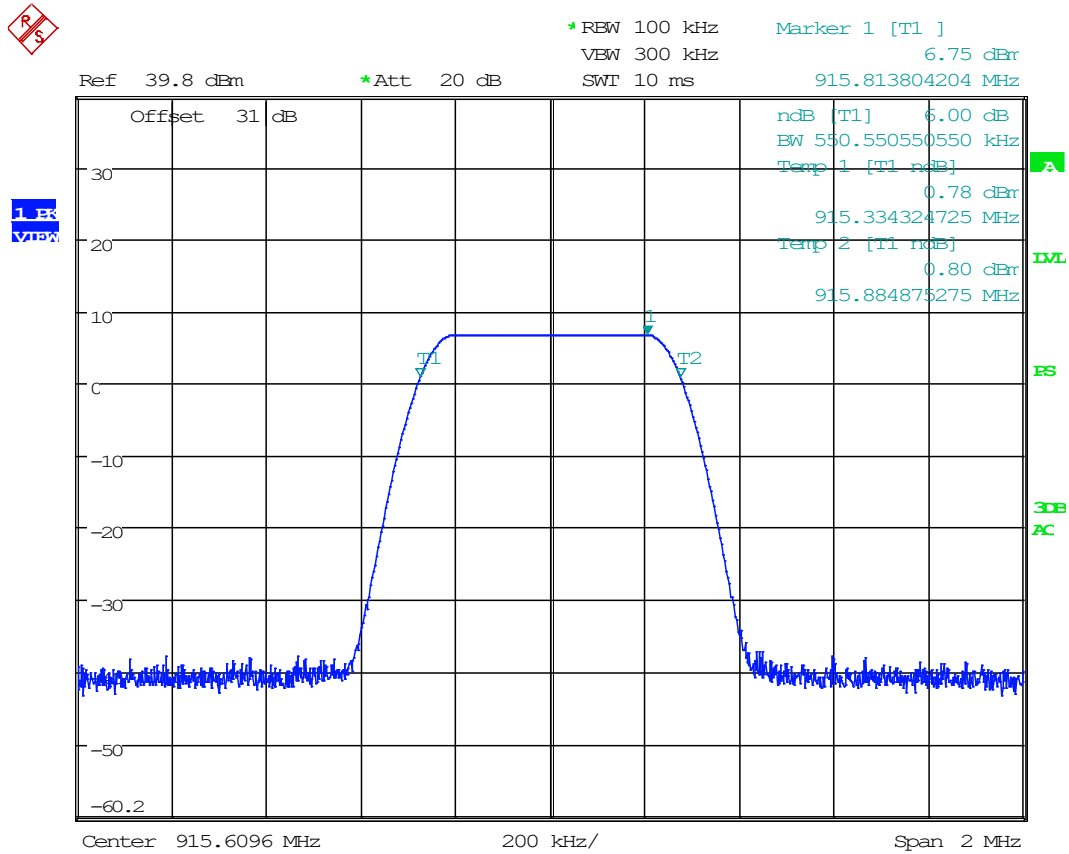
## Occupied Bandwidth, Spectrum Plots

### 8.3.1 6 dB DTS Bandwidth, 902.9376 MHz



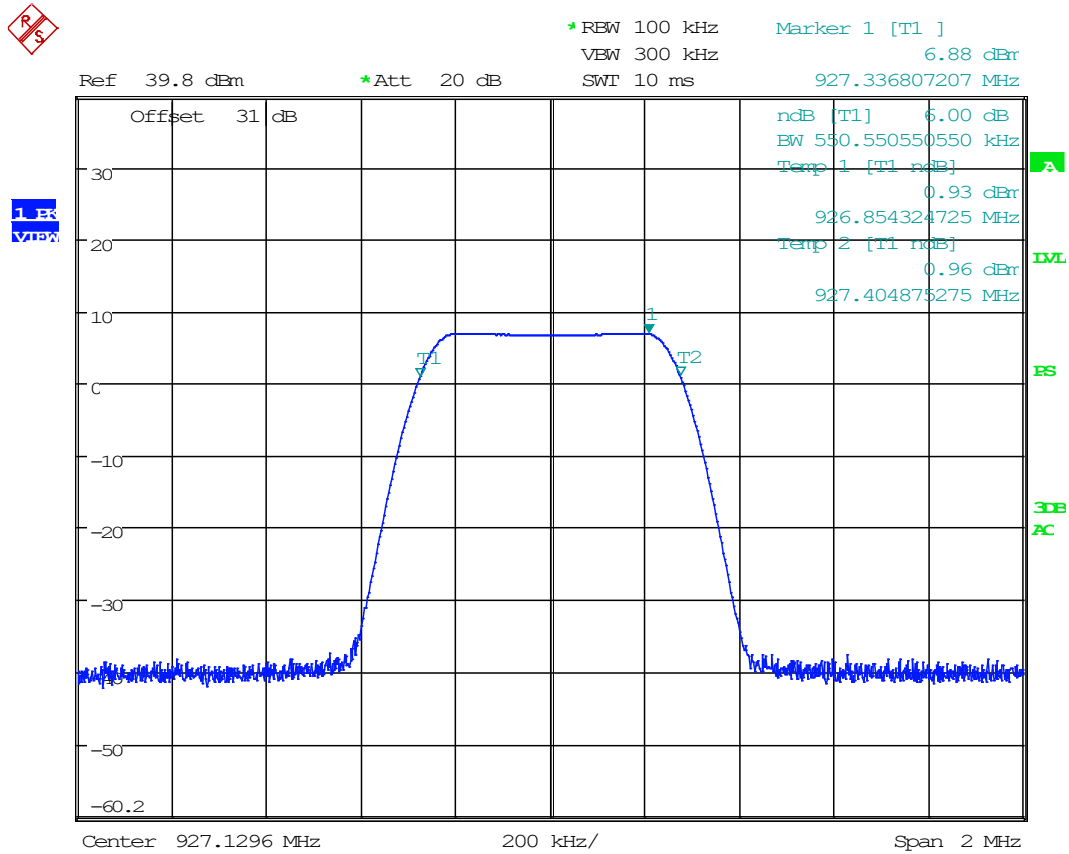
Date: 21.OCT.2020 12:52:59

### 8.3.2 6 dB DTS Bandwidth, 915.6096 MHz



Date: 21.OCT.2020 12:53:31

### 8.3.3 6 dB DTS Bandwidth, 927.1296 MHz

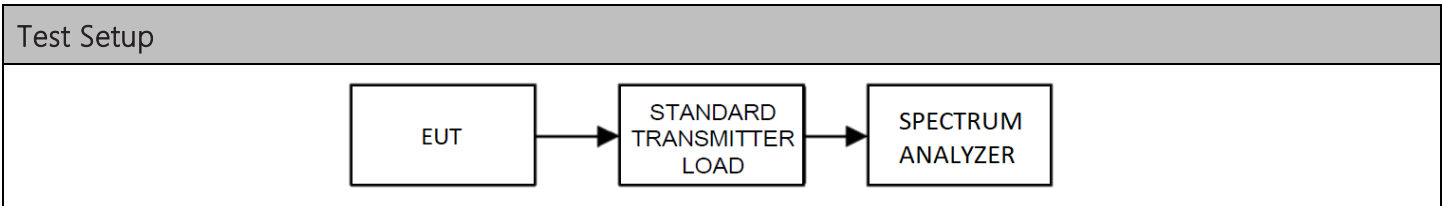


Date: 21.OCT.2020 12:55:01



### 8.4 Conducted Output Power

Limits from FCC Part 15.247 (b) (1) – (4) as applicable, and test procedure from ANSI C63.10-2013 section 7.8 or 11.9 as applicable.



Test Results, Mode 1	
Tuned Frequency (MHz)	Power Output (dBm)
902.9376	6.65
915.6096	7.04
927.1296	7.18

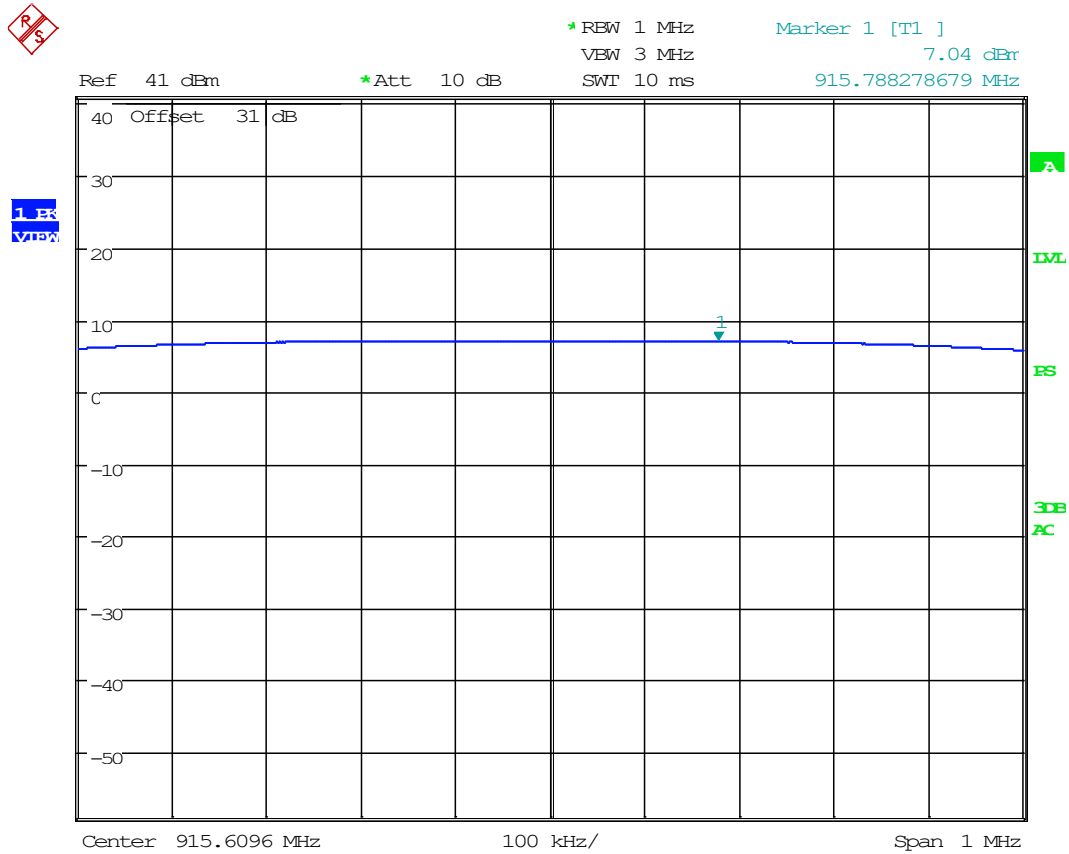
Point-to-Point - N/A. The EUT is not a PtP device.

MIMO - N/A. The EUT is not a MIMO device.





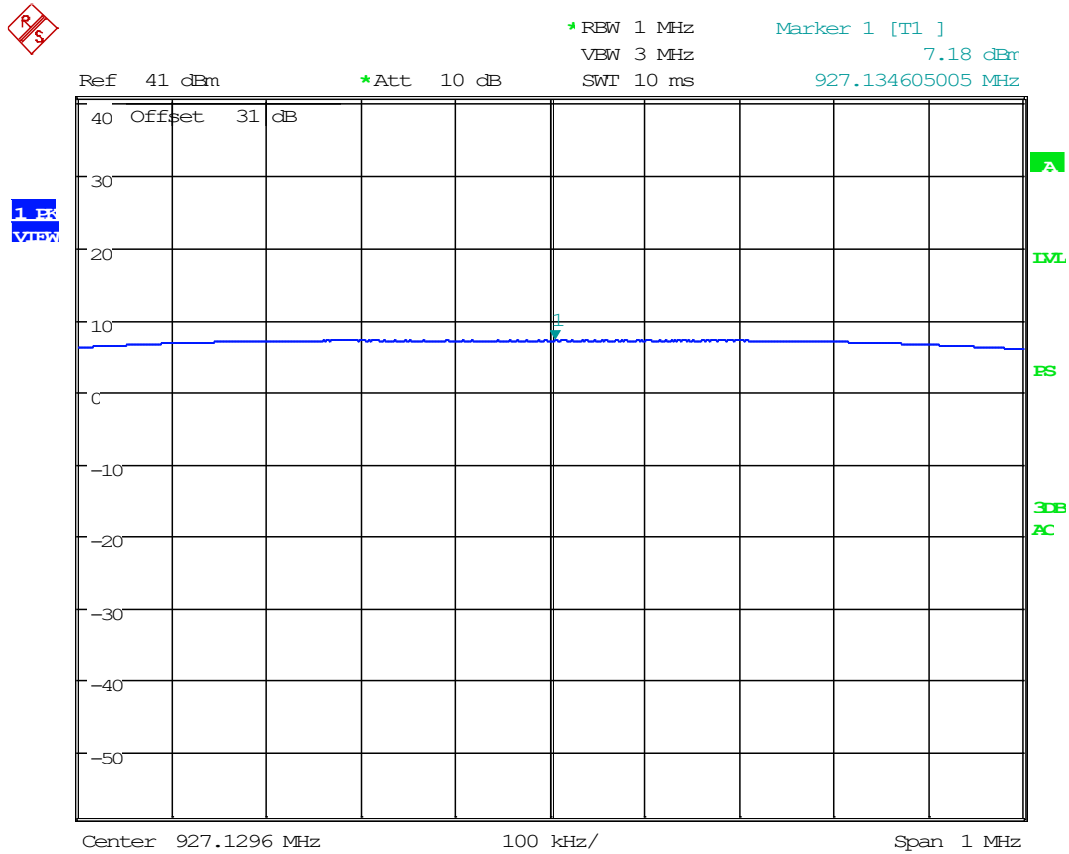
### 8.4.2 Conducted Output Power, 915.6096 MHz



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### 8.4.3 Conducted Output Power, 927.1296 MHz



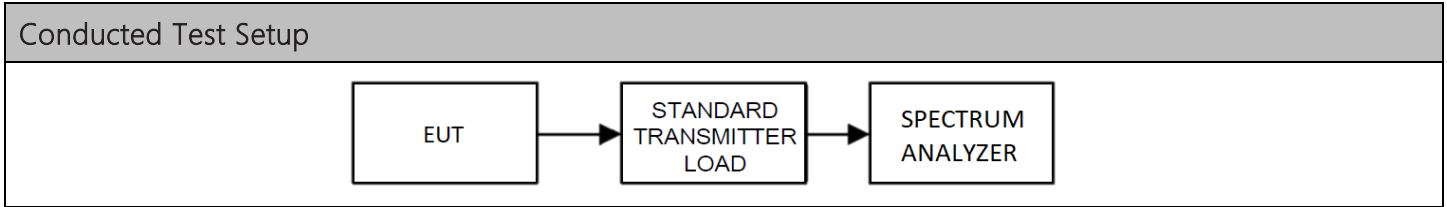
Date: 21.OCT.2020 12:40:57





### 8.5 Emissions in Nonrestricted Frequency Bands (Out of Band)

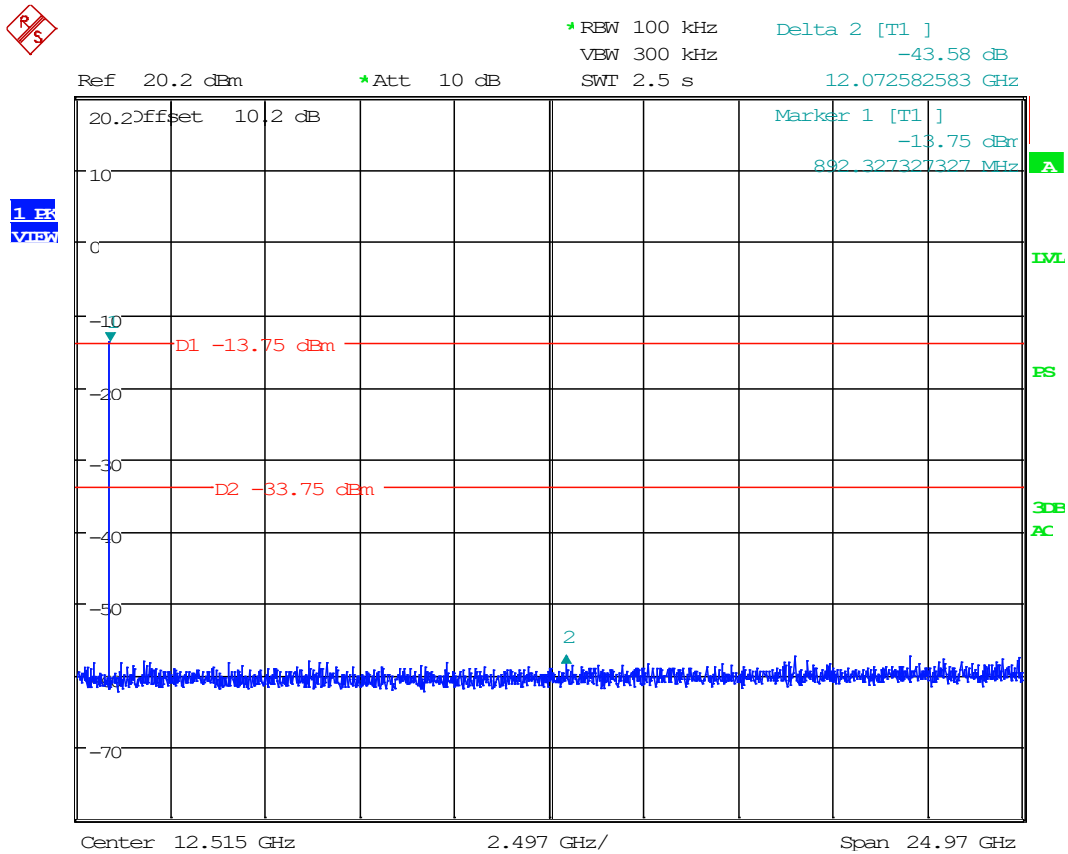
Limits from FCC Part 15.247 (d) and 15.215 (b) and test procedure from ANSI C63.10-2013 section 7.8 or 11.11 as applicable.





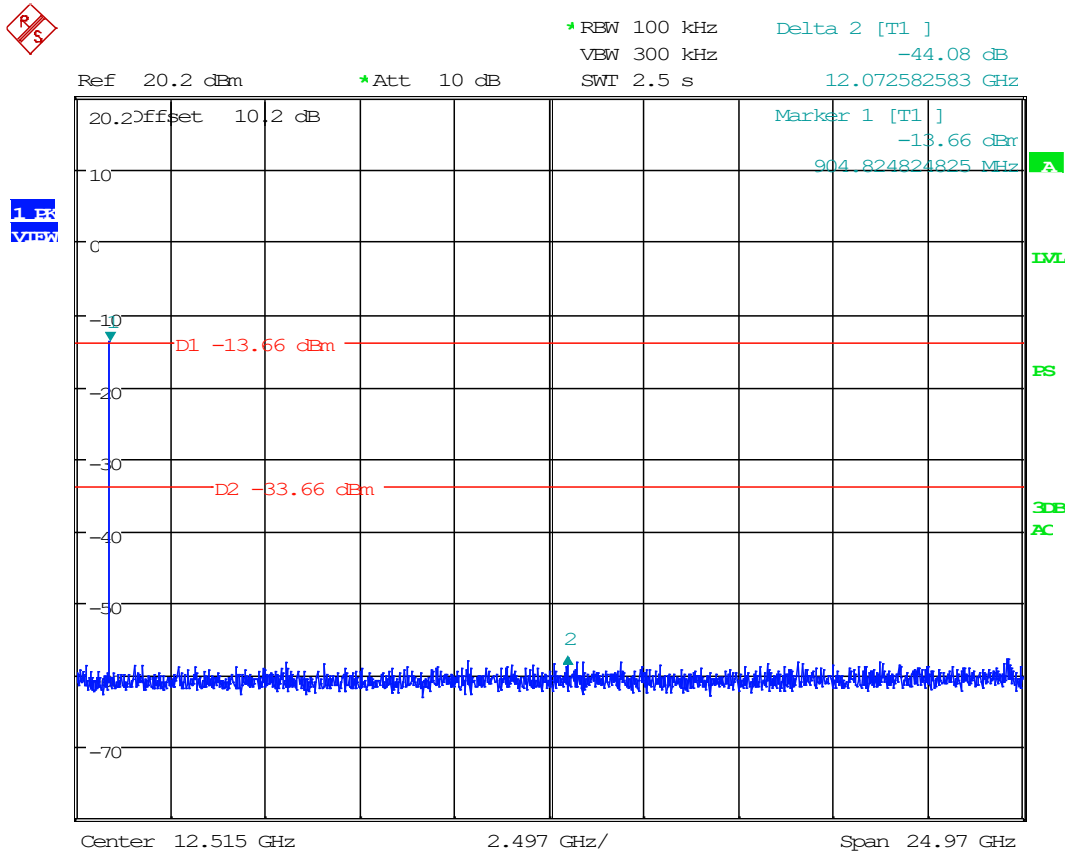
## Conducted Emissions in Non-Restricted Bands, Spectrum Plots

### 8.5.1 Conducted Emissions, 902.9376 MHz



Date: 21.OCT.2020 12:37:04

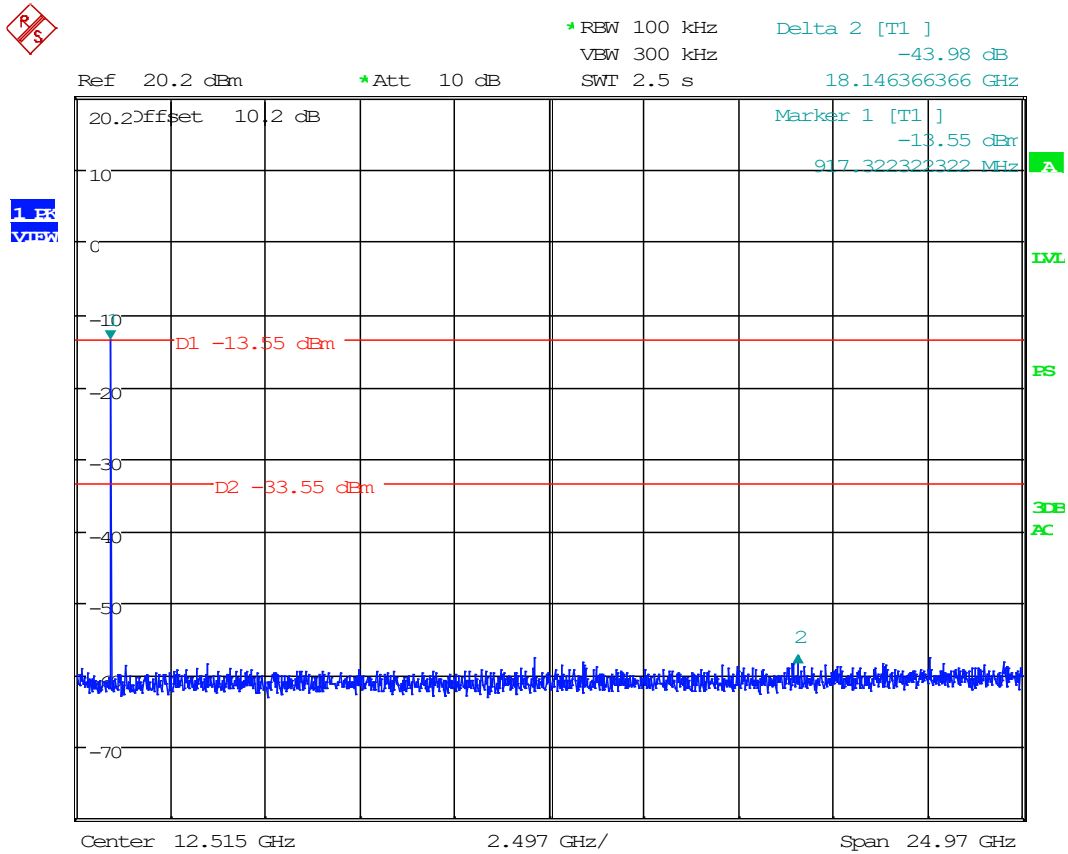
### 8.5.2 Conducted Emissions, 915.6096 MHz



Date: 21.OCT.2020 12:38:25



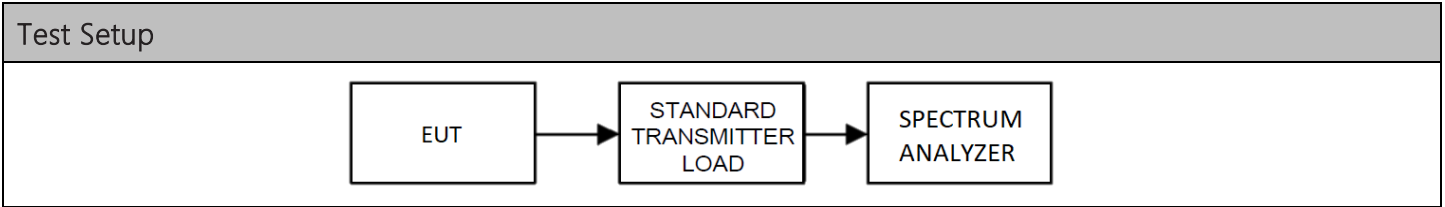
### 8.5.3 Conducted Emissions, 927.1296 MHz



Date: 21.OCT.2020 12:39:58

### 8.6 Power Spectral Density

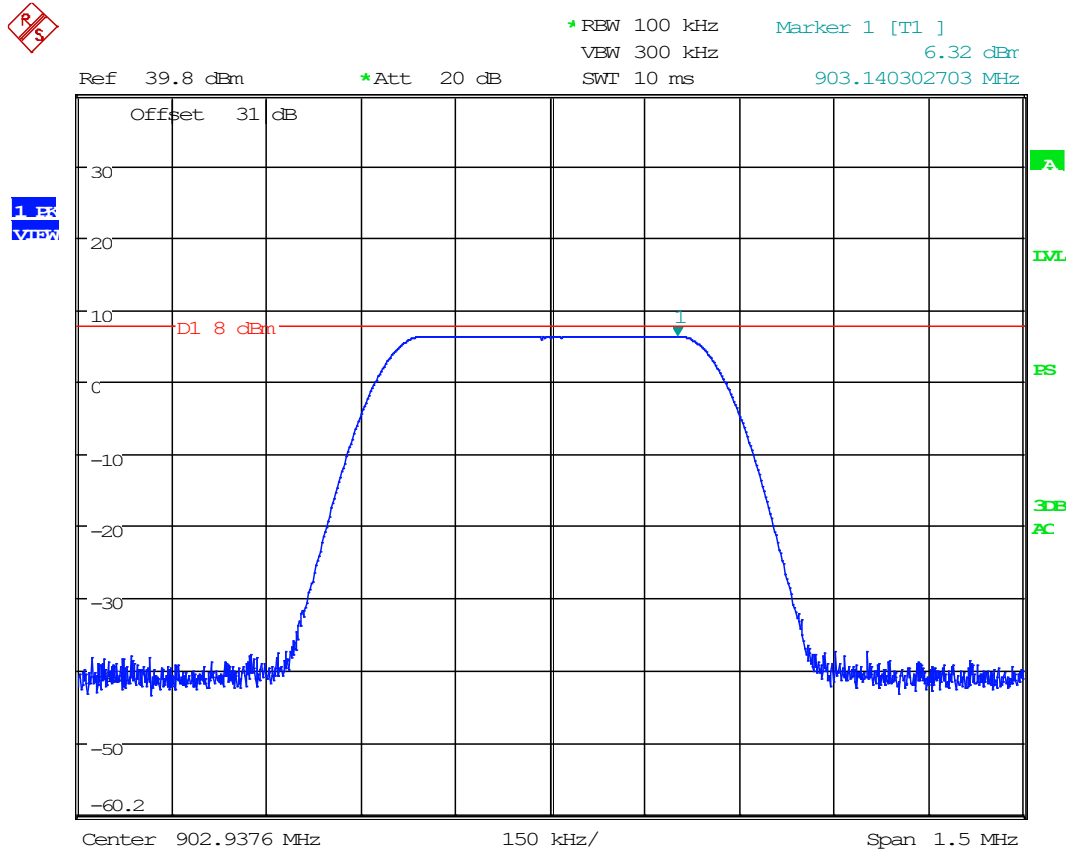
Limits from 15.247 (e) as applicable, and test procedure from ANSI C63.10-2013 section 11.10.



Test Results, Mode 1		
Tuned Frequency (MHz)	Resolution Bandwidth (kHz)	Power Spectral Density (dBm)
902.9376	100 kHz	6.32
915.6096	100 kHz	6.73
927.1296	100 kHz	6.86

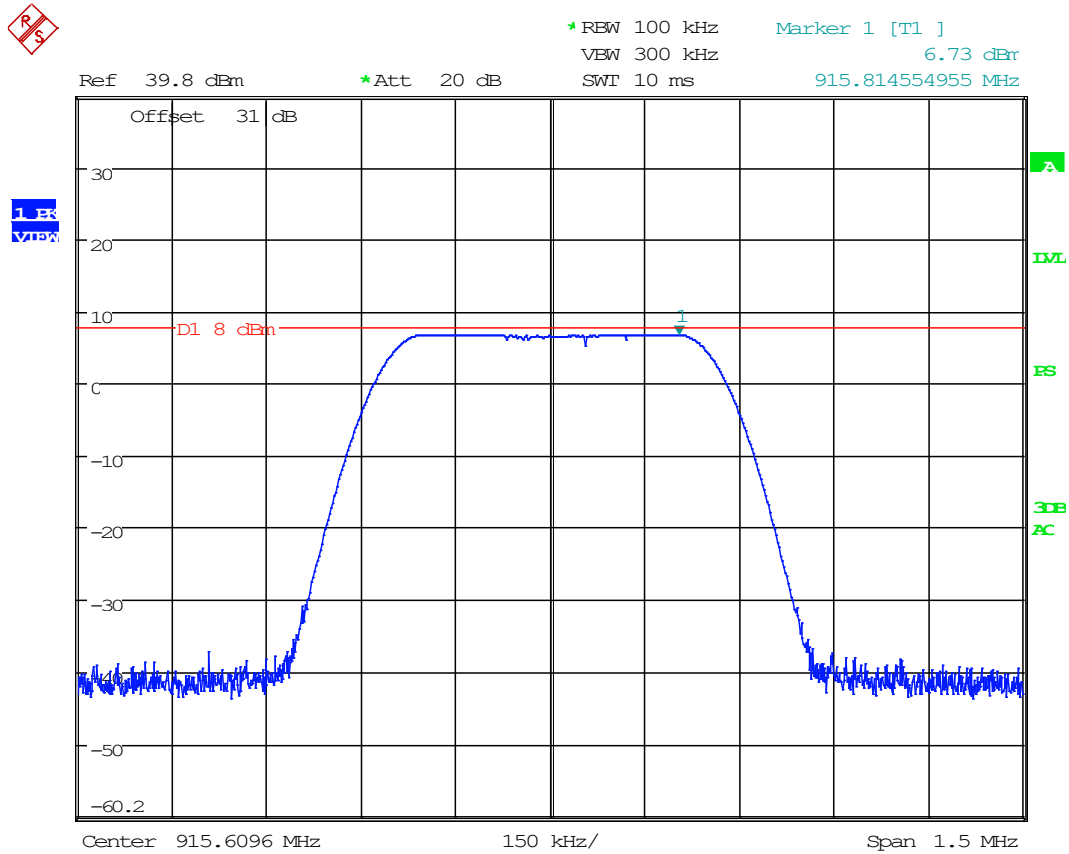
PSD, Spectrum Plots

8.6.1 PSD, 902.9376 MHz



Date: 21.OCT.2020 12:57:21

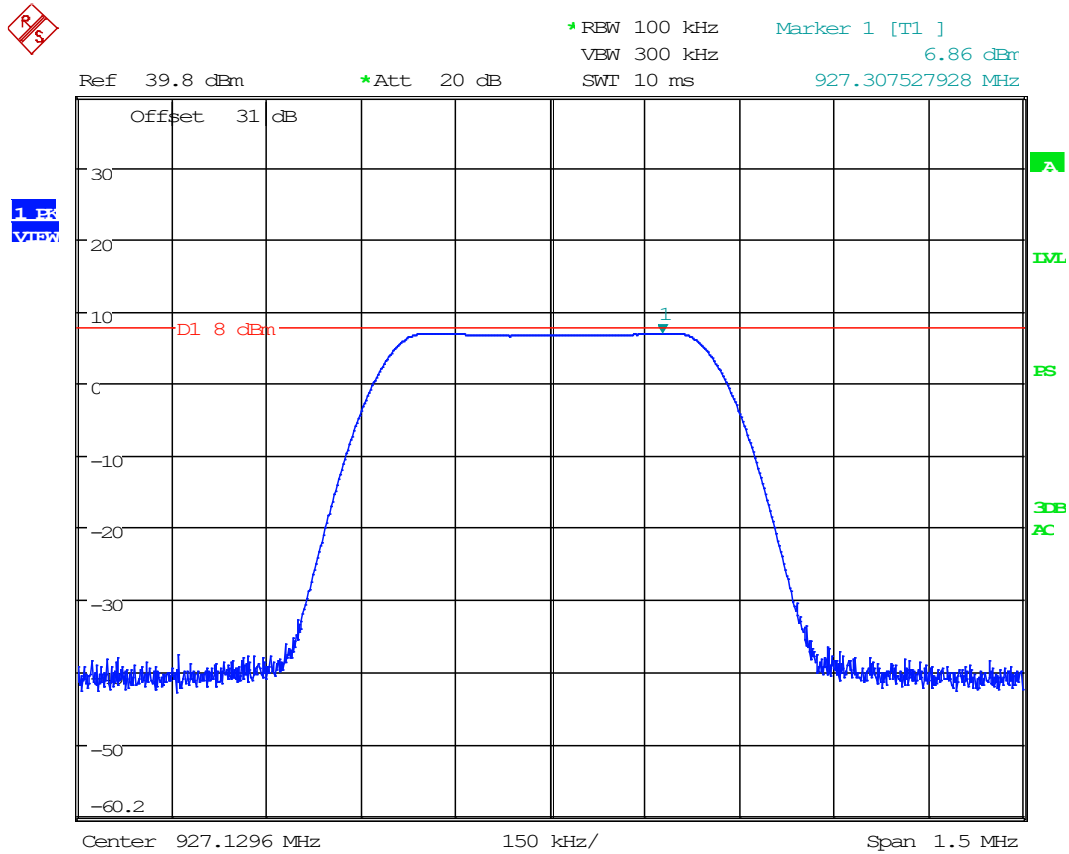
### 8.6.2 PSD, 915.6096 MHz



Date: 21.OCT.2020 12:57:01



### 8.6.3 PSD, 927.1296 MHz

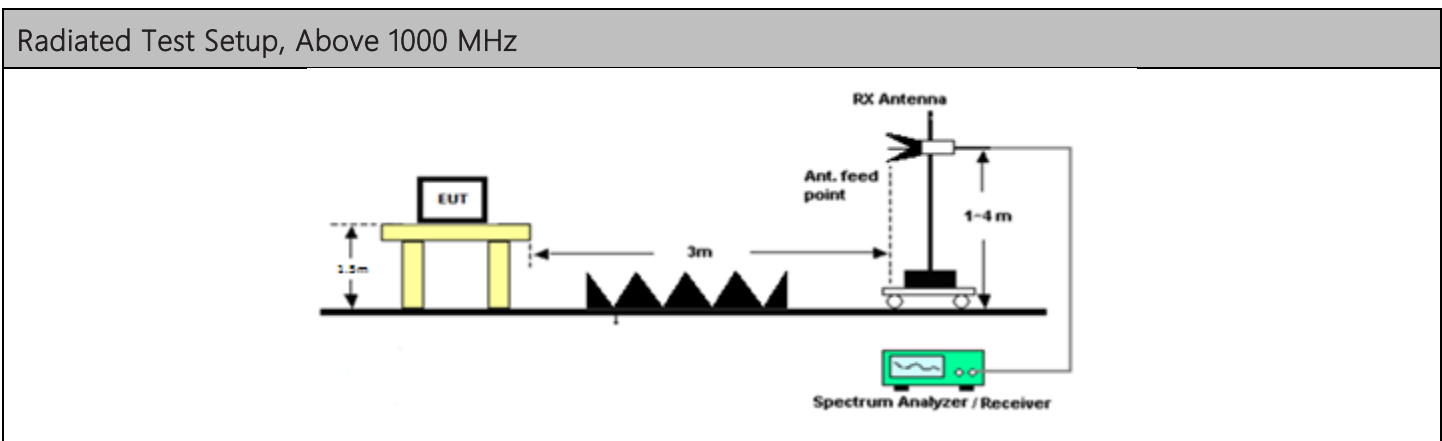
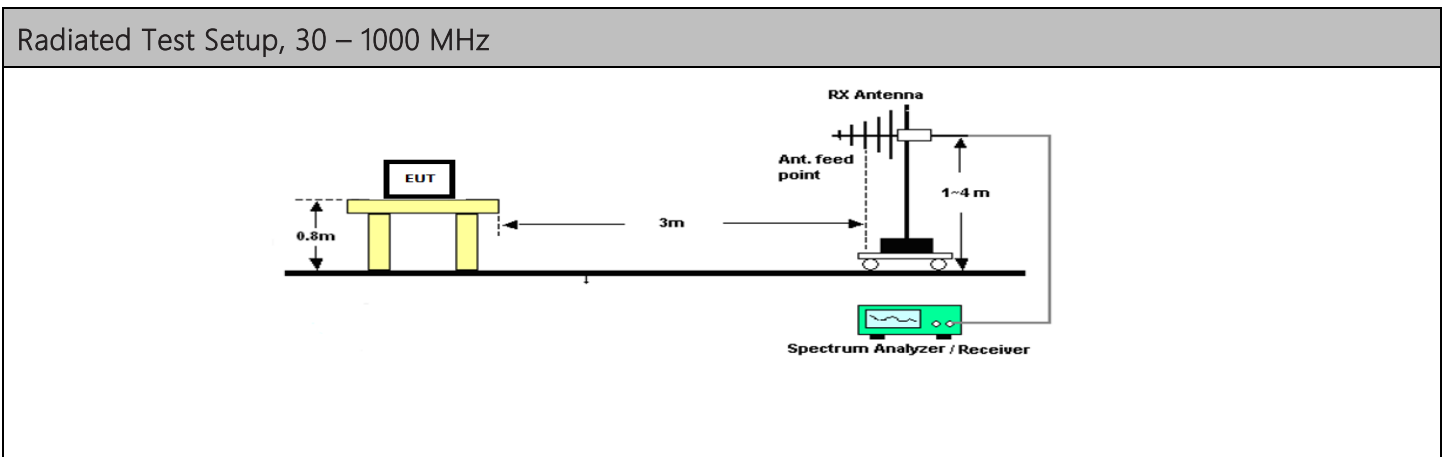
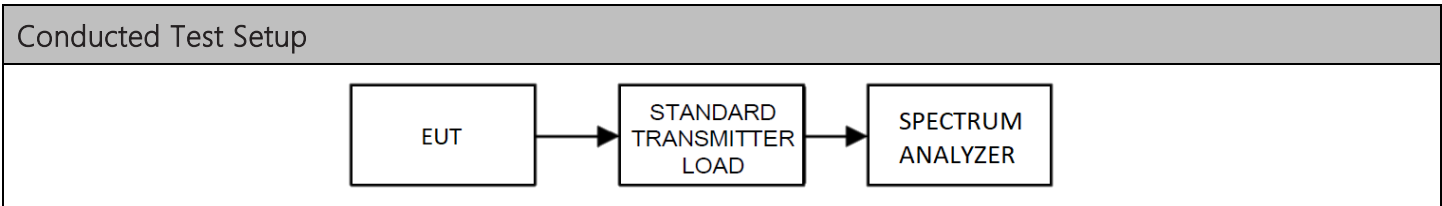


Date: 21.OCT.2020 12:56:41



### 8.7 Band-edge measurements

Requirement from FCC KDB 558074 D01 and test procedure from ANSI C63.10-2013 section 7.8 or 11.13 as applicable.





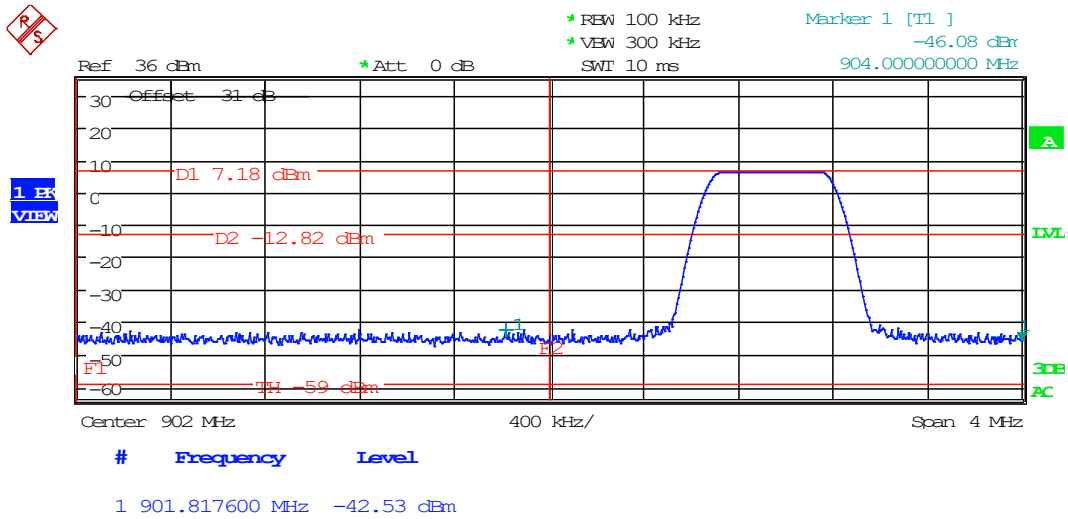
## Band-edge Spectrum Plots

### 8.7.1 Fundamental Field Strength

Tuned Frequency (MHz)	Detector	Meter Reading (dB $\mu$ V)	Antenna Polarity	Coax Loss (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dB $\mu$ V/m)
902.94	PK	58.06	H	3.54	21.99	3.00	83.60
902.94	PK	53.92	V	3.54	21.99	3.00	79.46
915.61	PK	58.11	H	3.57	22.56	3.00	84.24
915.61	PK	53.29	V	3.57	22.56	3.00	79.42
927.13	PK	57.66	H	3.58	22.24	3.00	83.48
927.13	PK	54.45	V	3.58	22.24	3.00	80.27

Test Results, Mode 1					
Frequency (MHz)	Bandedge Delta (dB)	Field Strength of the Fundamental (dB $\mu$ V/m)	Band Edge Field Strength (dB $\mu$ V/m)	Non-Restricted Limit (dB $\mu$ V/m)	Margin (dB)
902.9376	49.71	83.60	33.89	64.24	30.35
927.1296	50.49	83.48	32.99	64.24	31.25

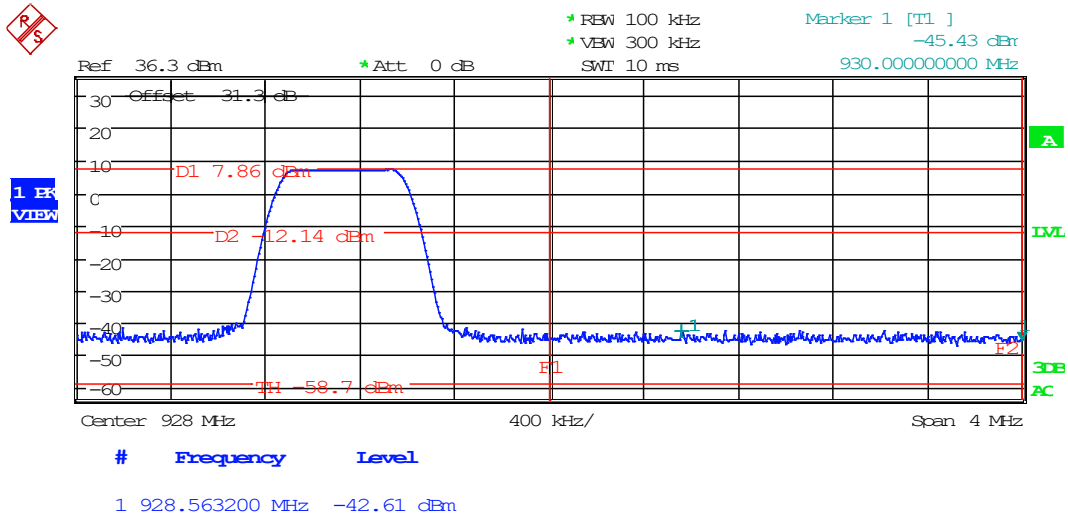
### 8.7.2 Lower Band Edge Plot



Date: 21.OCT.2020 13:03:59



### 8.7.3 Upper Band Edge Plot

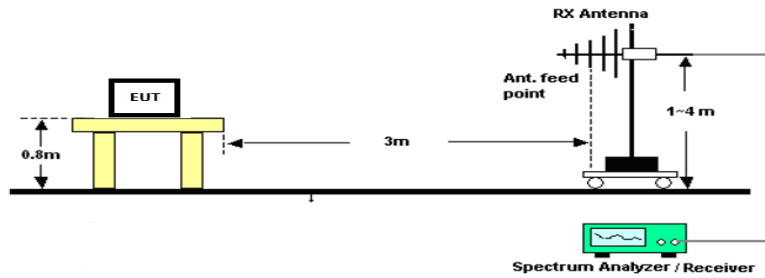


Date: 21.OCT.2020 13:04:55

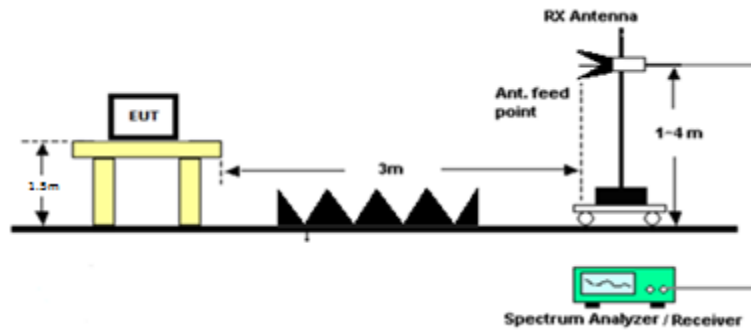
## 8.8 Radiated Emissions

Restricted Bands from FCC Part 15.205; Limits from FCC Part 15.209

### Radiated Test Setup, 30 – 1000 MHz



### Radiated Test Setup, Above 1000 MHz





## Radiated Emissions in Restricted Bands, Tabular Data

### 8.8.1 Non-harmonics in Restricted Bands

Tuned Frequency (MHz)	Emission Frequency (MHz)	15.205 Restricted Band	15.247(d) Detector	Meter Reading (dBµV)	Antenna Polarity	Coax Loss (dB)	Duty Cycle Correction (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBµV/m)	Limit (dB)	Margin (dB)
903.00	131.62	X	PK	26.99	H	1.30	0.00	13.42	3.00	41.71	73.98	32.27
927.00	241.03	X	PK	26.99	H	1.78	0.00	10.56	3.00	39.33	73.98	34.65

### 8.8.2 902.9376 MHz

Tuned Frequency (MHz)	Emission Frequency (MHz)	15.205 Restricted Band	15.205, 15.35, 15.247(d) Detector	Meter Reading (dBµV)	Antenna Polarity	Coax Loss (dB)	Duty Cycle Correction (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
902.94	2708.81	X	PK	5.34	H	6.00	0.00	32.49	3.00	43.82	73.98	30.16
902.94	2708.81	X	PK	13.62	V	6.00	0.00	32.49	3.00	52.10	73.98	21.88
902.94	2708.81	X	AVG	-8.50	H	6.00	0.00	32.49	3.00	29.98	53.98	24.00
902.94	2708.81	X	AVG	-8.30	V	6.00	0.00	32.49	3.00	30.18	53.98	23.80
902.94	3611.75	X	PK	10.15	H	6.64	0.00	33.13	3.00	49.92	73.98	24.06
902.94	3611.75	X	PK	9.26	V	6.64	0.00	33.13	3.00	49.03	73.98	24.95
902.94	3611.75	X	AVG	-1.10	H	6.64	0.00	33.13	3.00	38.67	53.98	15.31
902.94	3611.75	X	AVG	-10.60	V	6.64	0.00	33.13	3.00	29.17	53.98	24.81
902.94	4514.69	X	PK	8.80	H	7.37	0.00	33.92	3.00	50.09	73.98	23.89
902.94	4514.69	X	PK	7.93	V	7.37	0.00	33.92	3.00	49.22	73.98	24.76
902.94	4514.69	X	AVG	-13.70	H	7.37	0.00	33.92	3.00	27.59	53.98	26.39
902.94	4514.69	X	AVG	-13.40	V	7.37	0.00	33.92	3.00	27.89	53.98	26.09
902.94	5417.63	X	PK	10.72	H	8.15	0.00	34.40	3.00	53.27	73.98	20.71
902.94	5417.63	X	PK	12.23	V	8.15	0.00	34.40	3.00	54.78	73.98	19.20
902.94	5417.63	X	AVG	-13.70	H	8.15	0.00	34.40	3.00	28.85	53.98	25.13
902.94	5417.63	X	AVG	-12.40	V	8.15	0.00	34.40	3.00	30.15	53.98	23.83
902.94	8126.44	X	PK	-0.47	H	9.96	0.00	35.80	3.00	45.29	73.98	28.69
902.94	8126.44	X	PK	0.47	V	9.96	0.00	35.80	3.00	46.23	73.98	27.75
902.94	8126.44	X	AVG	-20.80	H	9.96	0.00	35.80	3.00	24.96	53.98	29.02
902.94	8126.44	X	AVG	-20.70	V	9.96	0.00	35.80	3.00	25.06	53.98	28.92
902.94	9029.38	X	PK	0.68	H	10.70	0.00	36.13	3.00	47.51	73.98	26.47
902.94	9029.38	X	PK	2.18	V	10.70	0.00	36.13	3.00	49.01	73.98	24.97
902.94	9029.38	X	AVG	-20.00	H	10.70	0.00	36.13	3.00	26.83	53.98	27.15
902.94	9029.38	X	AVG	-20.70	V	10.70	0.00	36.13	3.00	26.13	53.98	27.85



### 8.8.3 915.6096 MHz

Tuned Frequency (MHz)	Emission Frequency (MHz)	15.205 Restricted Band	15.205, 15.35, 15.247(d) Detector	Meter Reading (dBµV)	Antenna Polarity	Coax Loss (dB)	Duty Cycle Correction (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
915.61	2746.83	X	PK	11.79	H	6.09	0.00	32.39	3.00	50.27	73.98	23.71
915.61	2746.83	X	PK	15.07	V	6.09	0.00	32.39	3.00	53.55	73.98	20.43
915.61	2746.83	X	AVG	-9.20	H	6.09	0.00	32.39	3.00	29.28	53.98	24.70
915.61	2746.83	X	AVG	-8.10	V	6.09	0.00	32.39	3.00	30.38	53.98	23.60
915.61	3662.44	X	PK	9.43	H	6.62	0.00	33.20	3.00	49.25	73.98	24.73
915.61	3662.44	X	PK	9.74	V	6.62	0.00	33.20	3.00	49.56	73.98	24.42
915.61	3662.44	X	AVG	-11.10	H	6.62	0.00	33.20	3.00	28.72	53.98	25.26
915.61	3662.44	X	AVG	-11.70	V	6.62	0.00	33.20	3.00	28.12	53.98	25.86
915.61	4578.05	X	PK	8.32	H	7.53	0.00	34.03	3.00	49.88	73.98	24.10
915.61	4578.05	X	PK	7.08	V	7.53	0.00	34.03	3.00	48.64	73.98	25.34
915.61	4578.05	X	AVG	-13.00	H	7.53	0.00	34.03	3.00	28.56	53.98	25.42
915.61	4578.05	X	AVG	-13.70	V	7.53	0.00	34.03	3.00	27.86	53.98	26.12
915.61	7324.88	X	PK	0.85	H	9.59	0.00	36.23	3.00	46.67	73.98	27.31
915.61	7324.88	X	PK	6.53	V	9.59	0.00	36.23	3.00	52.35	73.98	21.63
915.61	7324.88	X	AVG	0.85	H	9.59	0.00	36.23	3.00	46.67	53.98	7.31
915.61	7324.88	X	AVG	-19.50	V	9.59	0.00	36.23	3.00	26.32	53.98	27.66
915.61	8240.49	X	PK	3.95	H	10.02	0.00	35.80	3.00	49.77	73.98	24.21
915.61	8240.49	X	PK	1.28	V	10.02	0.00	35.80	3.00	47.10	73.98	26.88
915.61	8240.49	X	AVG	3.59	H	10.02	0.00	35.80	3.00	49.41	53.98	4.57
915.61	8240.49	X	AVG	-20.30	V	10.02	0.00	35.80	3.00	25.52	53.98	28.46
915.61	9156.10	X	PK	0.99	H	10.84	0.00	36.19	3.00	48.02	73.98	25.96
915.61	9156.10	X	PK	0.36	V	10.84	0.00	36.19	3.00	47.39	73.98	26.59
915.61	9156.10	X	AVG	0.99	H	10.84	0.00	36.19	3.00	48.02	53.98	5.96
915.61	9156.10	X	AVG	-20.60	V	10.84	0.00	36.19	3.00	26.43	53.98	27.55

### 8.8.4 927.1296 MHz

Tuned Frequency (MHz)	Emission Frequency (MHz)	15.205 Restricted Band	15.205, 15.35, 15.247(d) Detector	Meter Reading (dBµV)	Antenna Polarity	Coax Loss (dB)	Duty Cycle Correction (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
927.13	2781.39	X	PK	10.39	H	6.15	0.00	32.46	3.00	49.00	73.98	24.98
927.13	2781.39	X	PK	11.56	V	6.15	0.00	32.46	3.00	50.17	73.98	23.81
927.13	2781.39	X	AVG		H	6.15	0.00	32.46	3.00	38.61	53.98	15.37
927.13	2781.39	X	AVG		V	6.15	0.00	32.46	3.00	38.61	53.98	15.37
927.13	3708.52	X	PK	9.22	H	6.57	0.00	33.18	3.00	48.97	73.98	25.01
927.13	3708.52	X	PK	11.14	V	6.57	0.00	33.18	3.00	50.89	73.98	23.09
927.13	3708.52	X	AVG		H	6.57	0.00	33.18	3.00	39.75	53.98	14.23
927.13	3708.52	X	AVG		V	6.57	0.00	33.18	3.00	39.75	53.98	14.23
927.13	4635.65	X	PK	8.23	H	7.52	0.00	33.95	3.00	49.69	73.98	24.29
927.13	4635.65	X	PK	8.78	V	7.52	0.00	33.95	3.00	50.24	73.98	23.74
927.13	4635.65	X	AVG		H	7.52	0.00	33.95	3.00	41.46	53.98	12.52
927.13	4635.65	X	AVG		V	7.52	0.00	33.95	3.00	41.46	53.98	12.52
927.13	7417.04	X	PK	2.08	H	9.52	0.00	36.04	3.00	47.64	73.98	26.34
927.13	7417.04	X	PK	1.60	V	9.52	0.00	36.04	3.00	47.16	73.98	26.82
927.13	7417.04	X	AVG		H	9.52	0.00	36.04	3.00	45.56	53.98	8.42
927.13	7417.04	X	AVG		V	9.52	0.00	36.04	3.00	45.56	53.98	8.42
927.13	8344.17	X	PK	-0.67	H	10.15	0.00	35.90	3.00	45.38	73.98	28.60
927.13	8344.17	X	PK	0.08	V	10.15	0.00	35.90	3.00	46.13	73.98	27.85
927.13	8344.17	X	AVG		H	10.15	0.00	35.90	3.00	46.05	53.98	7.93
927.13	8344.17	X	AVG		V	10.15	0.00	35.90	3.00	46.05	53.98	7.93



### 9. ANNEX-A - Photographs of the EUT

Photographs of the EUT and any manufacturer supplied accessories to be used with the EUT are in separate supplementary documents labelled EXTERNAL PHOTOS and INTERNAL PHOTOS.

### 10. ANNEX-B – Test Setup Photographs

Test setup photographs are located in a separate supplementary ANNEX-B document.

### 11. History of Test Report Changes

Test Report #	Revision #	Description	Date of Issue
TR_3846-20_FCC_15.247_1	1	Initial release	October 14, 2020
TR_3846-20_FCC_15.247_900MHz_2	2	Conducted Emissions, Bandedge Emissions data added; modular information added; clerical updates	December 16, 2020





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END OF TEST REPORT

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