



Test Report – FCC PART 15.236 LOW POWER UNLICENSED WIRELESS MICROPHONE Applicant: Wisycom s.r.l.

Approved for Release By:

Signature: Bruno Clavier

Name & Title: Bruno Clavier, General Manager

Date of Signature 07/7/2023

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849 NW State Road 45, Newberry, Florida 32669
(352) 472-5500 / testing@timcoengr.com

1. Customer Information

Applicant: Wisycom s.r.l.
Address: Via Tiepolo, 7/E
Tombolo, 35019, Italy

1.1 Test Result Summary

The following test procedure was used ANSI C63.10. 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.

Applicable Clauses from Part 15.236		
FCC Clauses	Description of the requirements	Result: (Pass, Fail, N/A)
15.236 (c) (1) – (6)	Permissible Frequency Bands	Pass
15.236 (d) (1) – (2)	Maximum Radiated Power	Pass
15.236 (f) (1) – (2)	Channel Aggregation & Bandwidth	Pass
15.236 (f) (3)	Frequency Tolerance	Pass
15.236 (g)	Radiated Emissions, In-band	Pass

Other 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, Out-of-band	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
15.214	Cordless Telephones	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



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2.2 Testing was performed, reviewed by

Dates of Testing: 03/24/2023- 03/29/2023

Signature:

Sr. EMC Engineer
EMC-003838-NE



Name & Title:

Tim Royer, EMC Engineer

Date of Signature

07/7/2023

Signature:

Name & Title:

Terri Allen, Project Specialist

Date of Signature

07/7/2023



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

The test sample was received: 03/24/2023

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:	POUMTP61
Brief Description	Multi-Band Pocket Wireless Microphone
Model(s) #	MTP61
Firmware version	MTP61_v0.2.1-rc4
Serial Number	29900000

Technical Characteristics	
Technology	Wireless Microphone
Frequency Range	470-608 MHz, 614-616 MHz, 657-663 MHz
Modulation	FM
Number of Channels	10
Duty Cycle	100%
Antenna Connector	SSMA
Voltage Rating (AC or Batt.)	Battery, 3.7V

Antenna Characteristics			
Antenna	Frequency Range	Mode / BW	Antenna Gain
507	470-547 MHz	Transmit	0.8 dBi
590	547-663	Transmit	1.0 dBi



3.2 Configuration of EUT

Band (MHz)	Mode	Number of Ant.
470-608	Transmit	1
614-616	Transmit	1
657-663	Transmit	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:

No peripherals used.

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

The measurement was performed as per ANSI C63.10. Full test results are available in this report.

Limits and Regulatory Limits:

- 1) FCC Part 15.236

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
Note: 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

Temperature & Humidity

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

Parameter	Measurement
Temperature	23 C +/- 5%
Humidity	55% +/- 5%
Barometric Pressure	30.05 in Hg
Note: 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.

List of Test Equipment

Type	Device	Manufacturer	Model	SN#	Current Cal	Cal Due
Antenna	Biconical 1057	Eaton	94455-1	1057	10/16/20	10/16/2023
Antenna, NSA	Log-Periodic 1243	Eaton	96005	1243	05/04/21	05/3/2024
Antenna	Double-Ridged Horn/ETS Horn 1	ETS-Lindgren	3117	00035923	04/25/20	04/25/2023
CHAMBER	CHAMBER	Panashield	3M	N/A	03/12/19	12/21/2023
Pre-amp	Pre-amp	RF-LAMBDA	RLNA00M4 5GA	NA	02/27/19	07/26/2025
Receiver	EMI Test Receiver R&S ESU 40	Rohde & Schwarz	ESU 40	100320	05/27/21	05/26/2024
Receiver	EMI Test Receiver R&S ESW44	Rohde & Schwarz	ESW44	103049	10/13/21	10/12/2024
Function Generator	Function Generator	Standford	DS340	25200	01/13/21	01/13/2024
Signal Generator	Signal Generator HP 8648C	HP	8648C	35537A01679	03/29/19	8/03/2025



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Software			
Software	Author	Version	Validation on
ESU Firmware	Rohde & Schwarz	4.43 SP3; BIOS v5.1-24-3	2018
RSCCommander	Rohde & Schwarz	1.6.4	2014
ScopeExplorer	LeCroy	v2.25.0.0	2009
Field Strength	Timco	v4.10.7.0	2016



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.

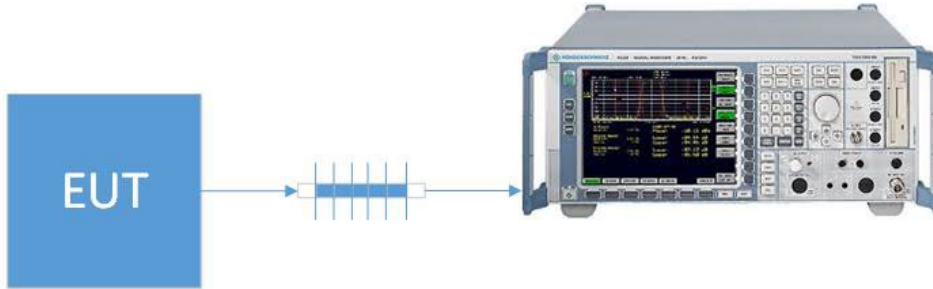
The measurement results, along with the appropriate limits for comparison, may be presented in tabular or graphical form. In addition, any variation in the measurement environment may be reported if applicable (e.g., a significant change of temperature that could affect the cable loss and amplifier response).

Units of measurement

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 μ 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 μ 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 μ 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 RF POWER OUTPUT

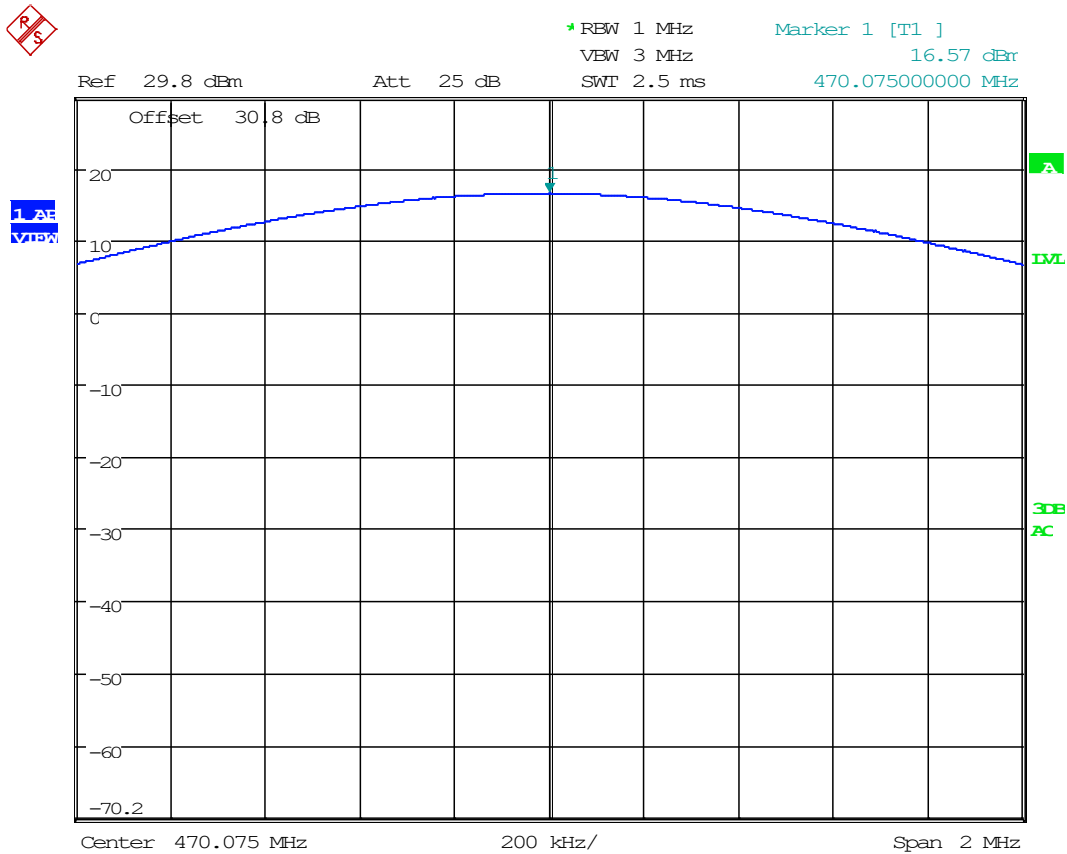
Limits from Part 2.1046 ,15.236 (d) (1) and test procedure from ANSI C63.10.



Test Results					
Tuned Frequency (MHz)	Power Output (dBm)	Power Output (W)	Gain	EIRP Power Output (dBm)	Limit EIRP
470.075	16.57	0.045	0.8	17.37	50
555.000	16.86	0.049	1.0	17.86	50
607.925	16.46	0.044	1.0	17.46	50
614.075	12.71	0.019	1.0	13.71	20
615.925	12.7	0.019	1.0	13.7	20
662.925	12.63	0.018	1.0	13.63	20



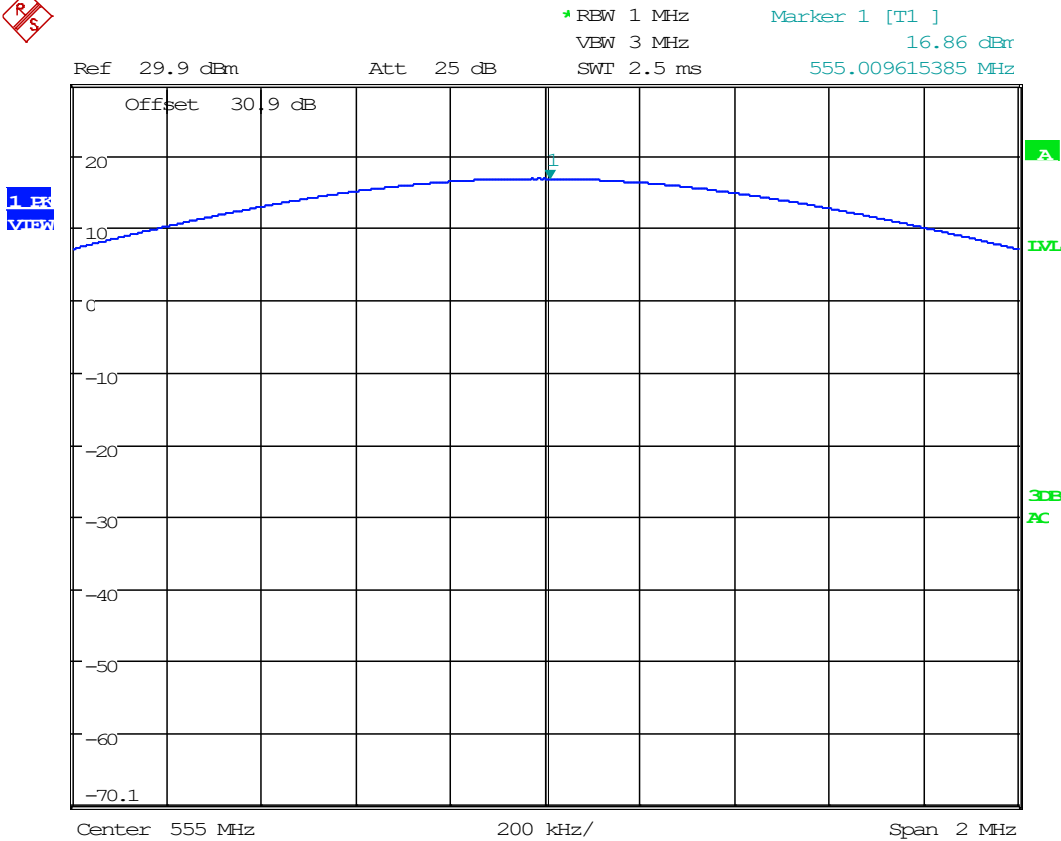
8.1.1 Test Data: RF Power Output Measurement Table, 470.075 MHz



Date: 29.MAR.2023 14:48:19



8.1.2 Test Data: RF Power Output Measurement Table, 555.000 MHz

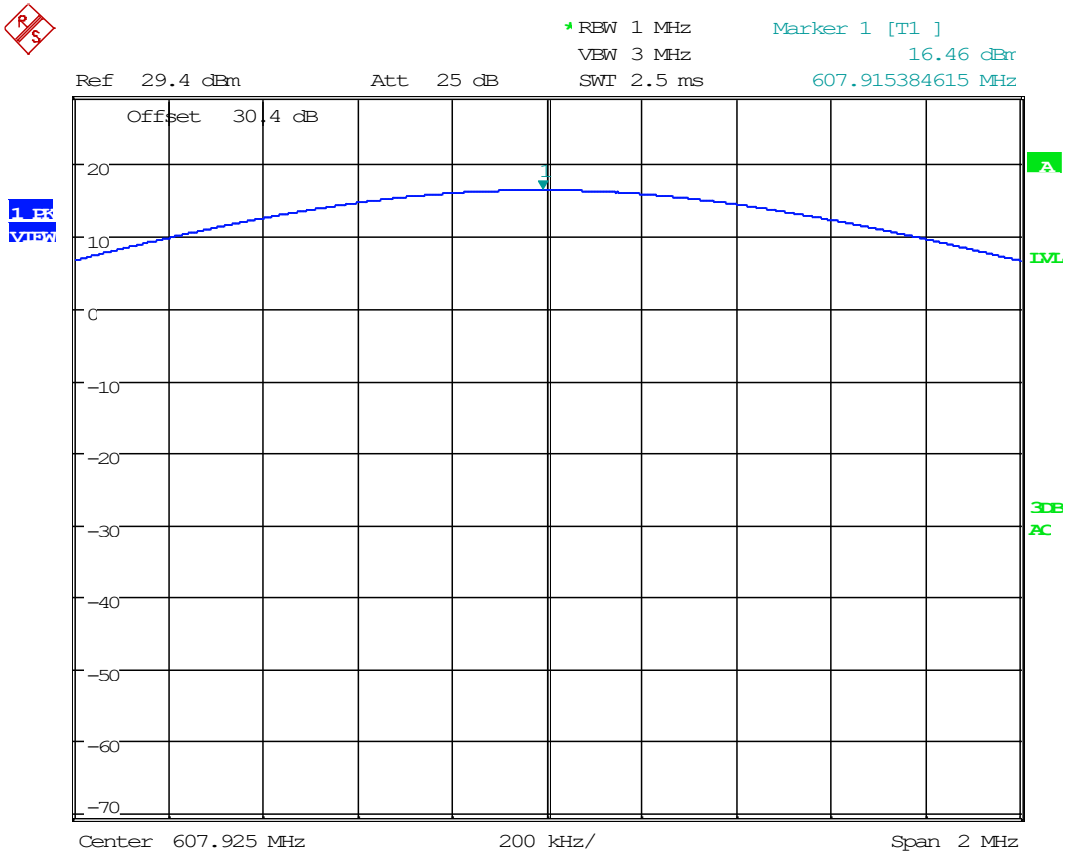


Date: 29.MAR.2023 14:47:20



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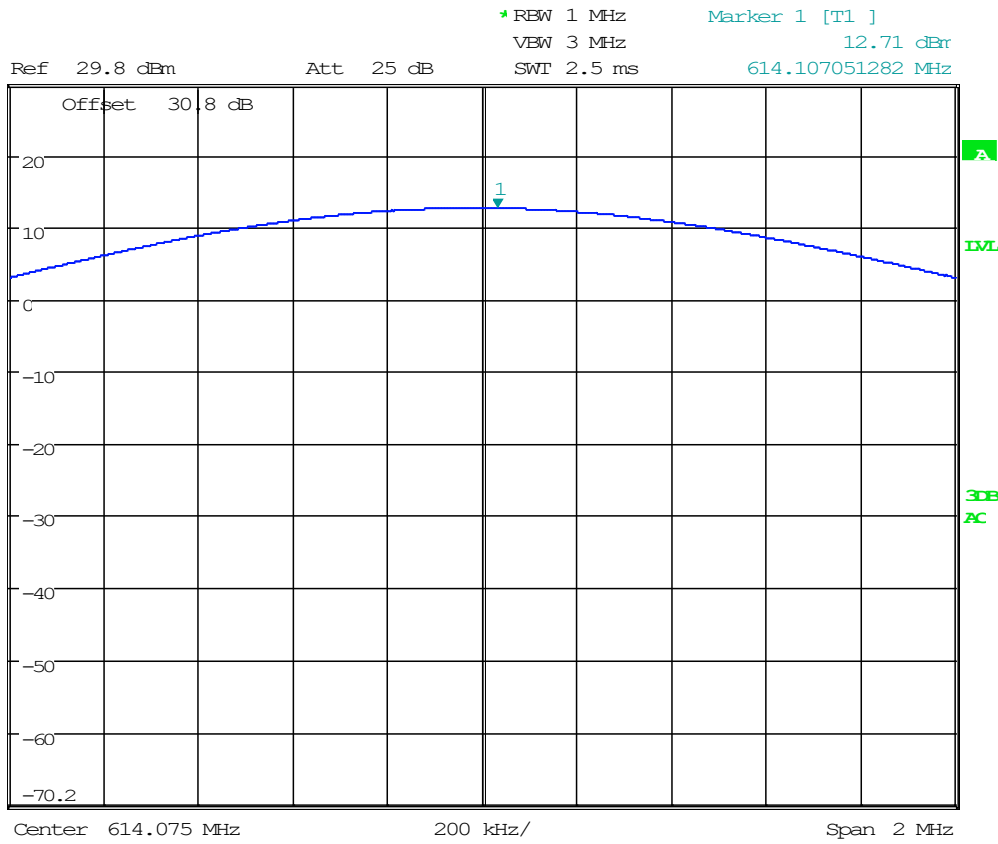
8.1.3 Test Data: RF Power Output Measurement Table, 607.925 MHz



Date: 29.MAR.2023 14:49:30



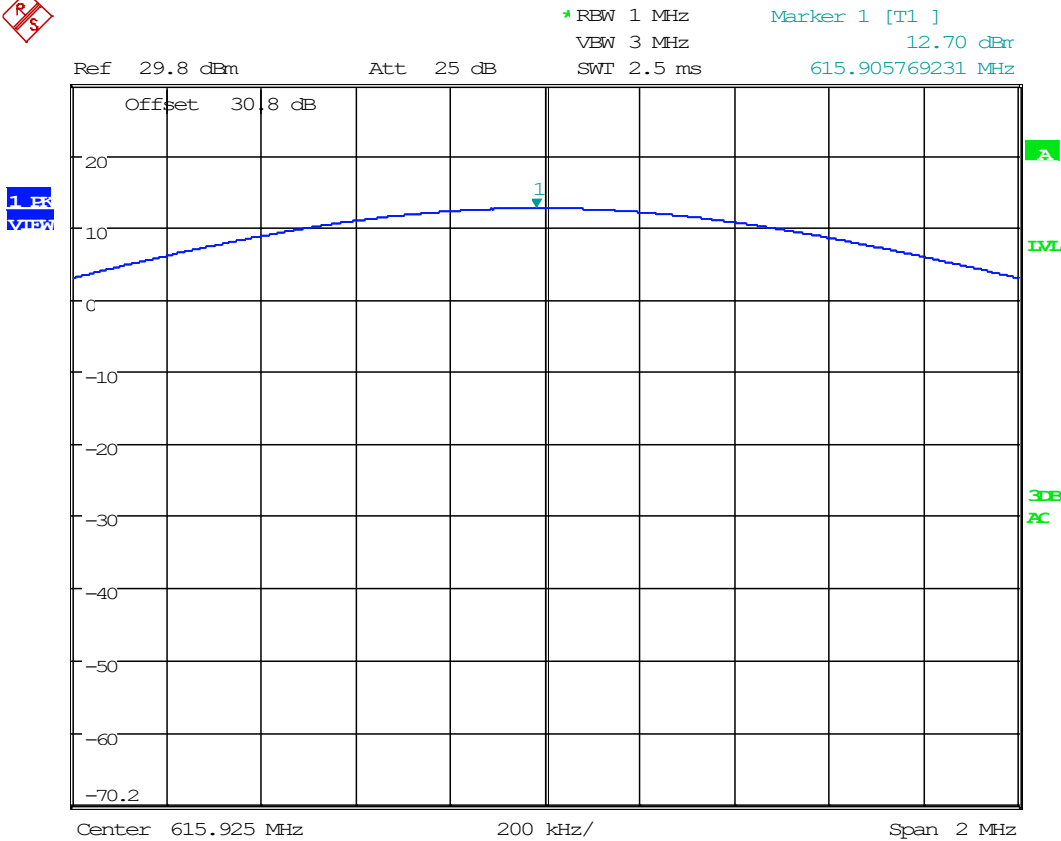
8.1.4 Test Data: RF Power Output Measurement Table, 614.075 MHz



Date: 29.MAR.2023 14:51:04



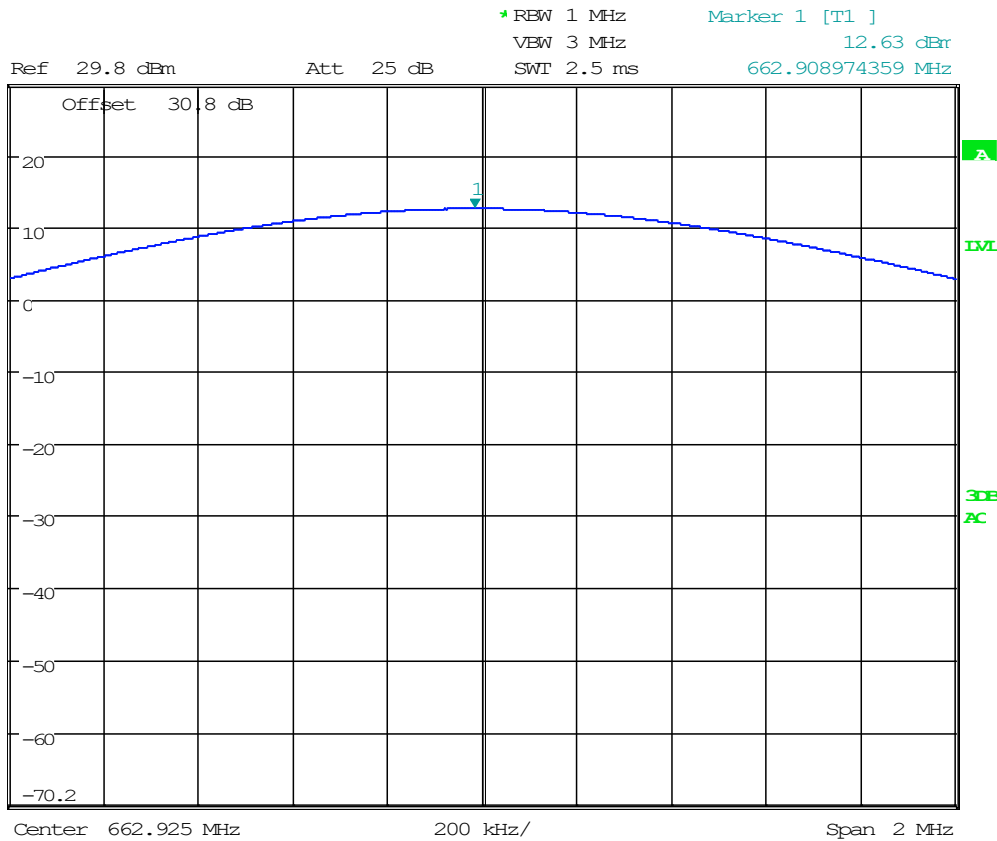
8.1.5 Test Data: RF Power Output Measurement Table, 615.925 MHz



Date: 29.MAR.2023 14:51:48



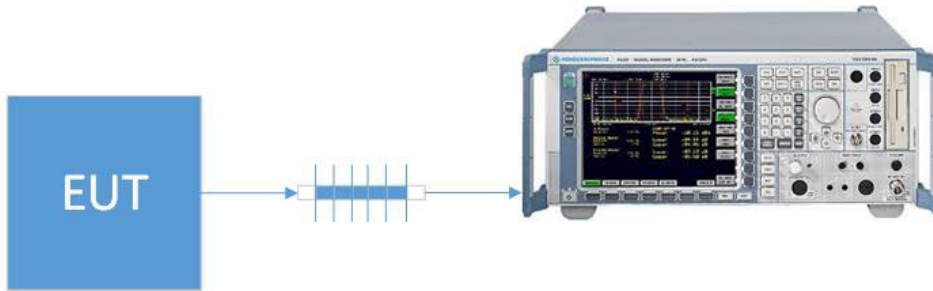
8.1.6 Test Data: RF Power Output Measurement Table, 662.925 MHz



Date: 29.MAR.2023 14:53:18

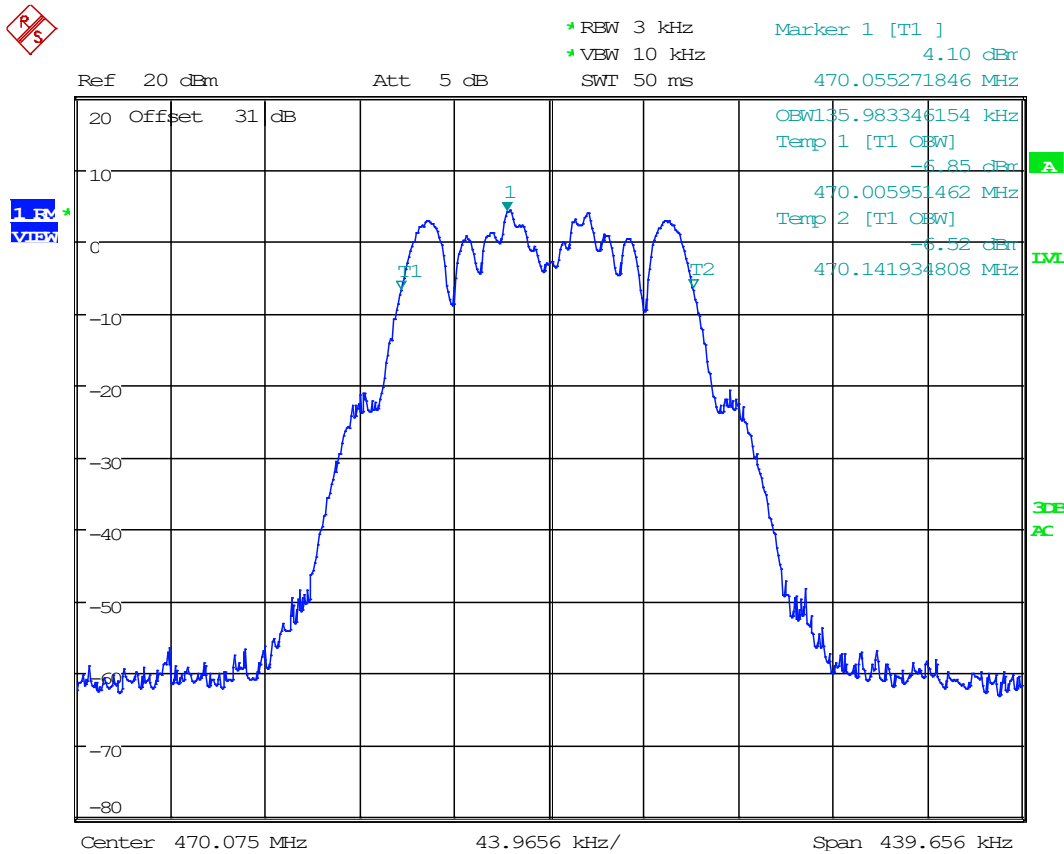
8.2 OCCUPIED BANDWIDTH

Limits from Part 2.1046 ,15.236 and test procedure from ANSI C63.10.



Tuned Frequency (MHz)	99% BW (kHz)
470.075	135.98
555.000	135.98
607.925	139.51
614.075	138.80
615.925	137.39
662.925	135.28

8.2.1 Test Data: 99% Occupied Bandwidth Measurement Plot, 470.075 MHz

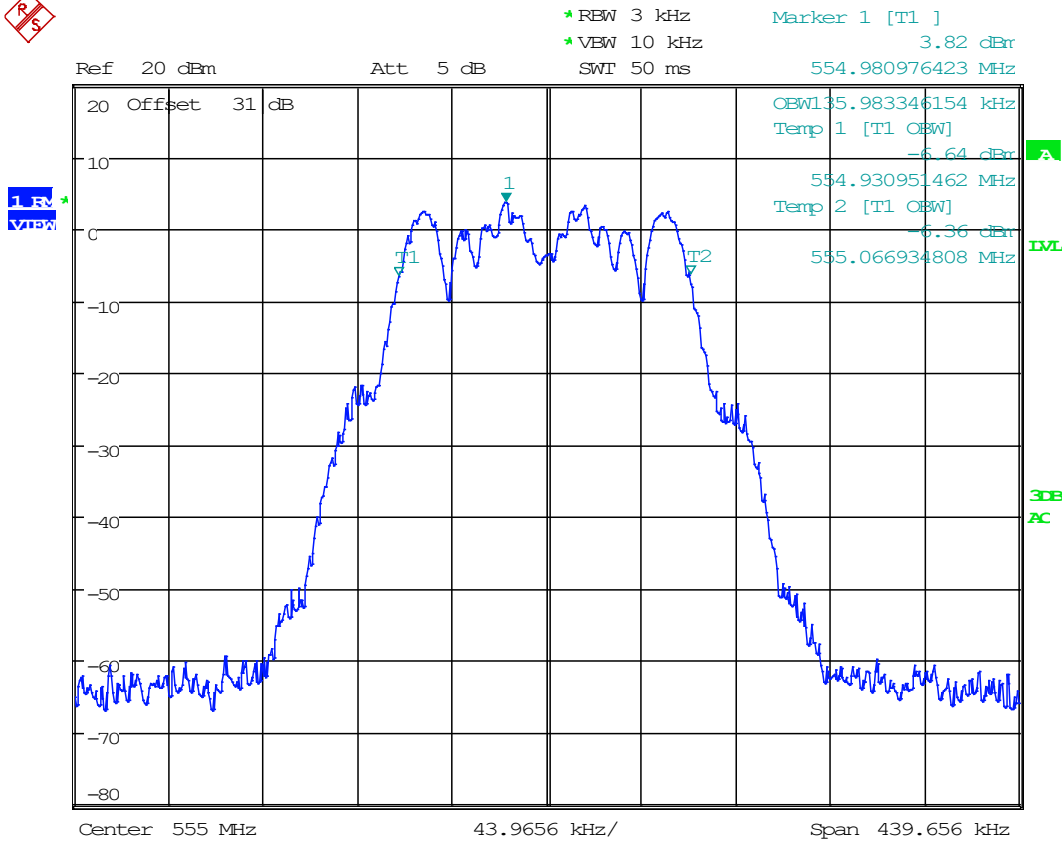


Date: 27.MAR.2023 14:52:09



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8.2.2 Test Data: 99% Occupied Bandwidth Measurement Plot, 555.000 MHz

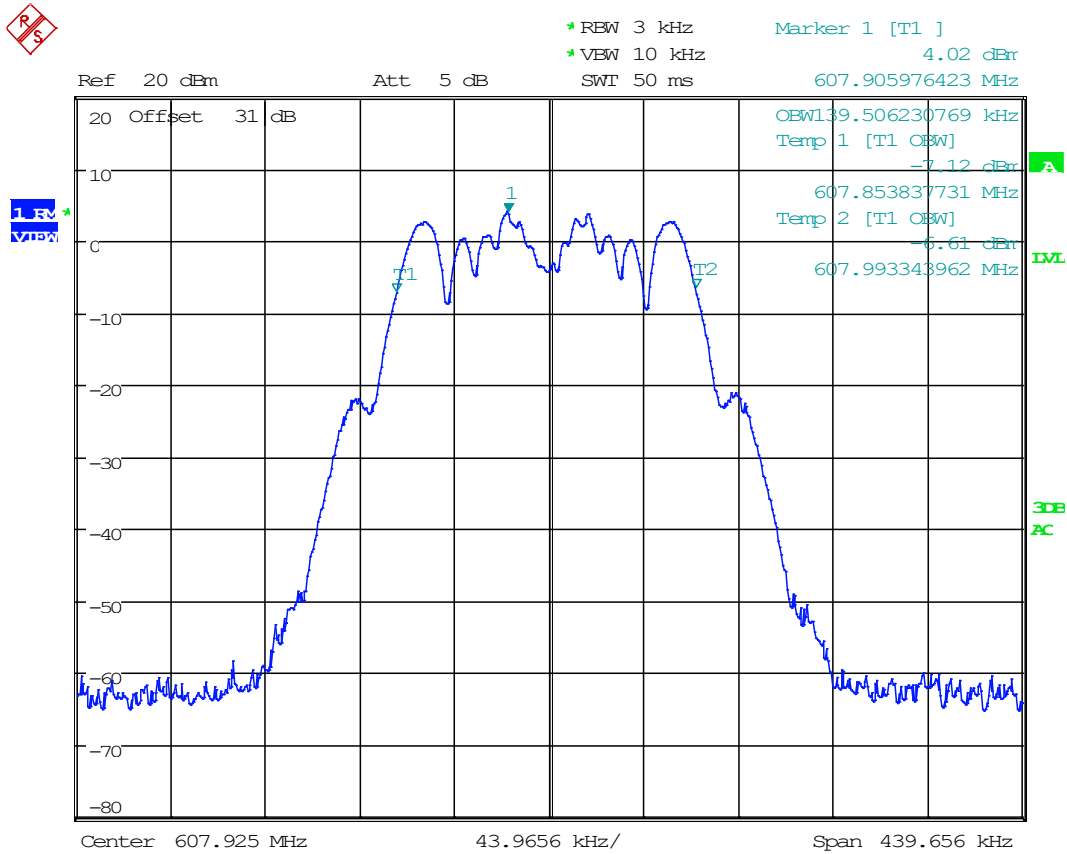


Date: 27.MAR.2023 14:51:35



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8.2.3 Test Data: 99% Occupied Bandwidth Measurement Plot, 607.925 MHz

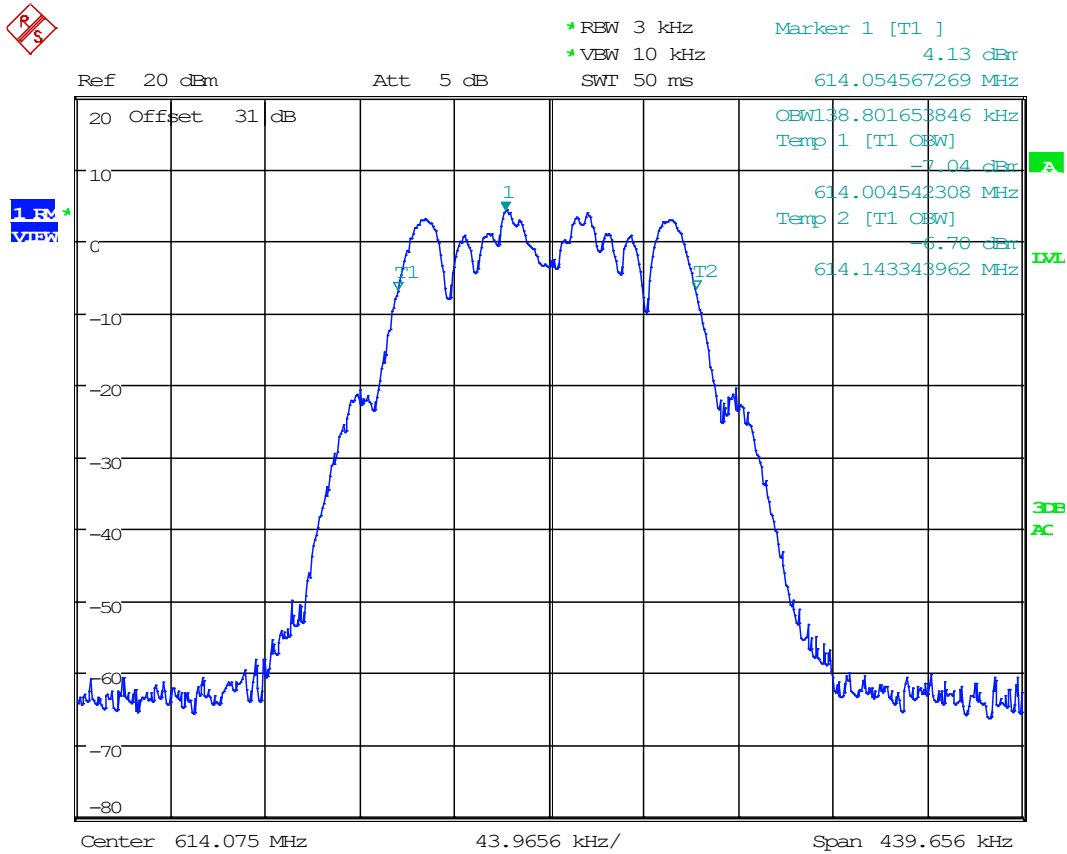


Date: 27.MAR.2023 14:50:15



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8.2.4 Test Data: 99% Occupied Bandwidth Measurement Plot, 614.075 MHz

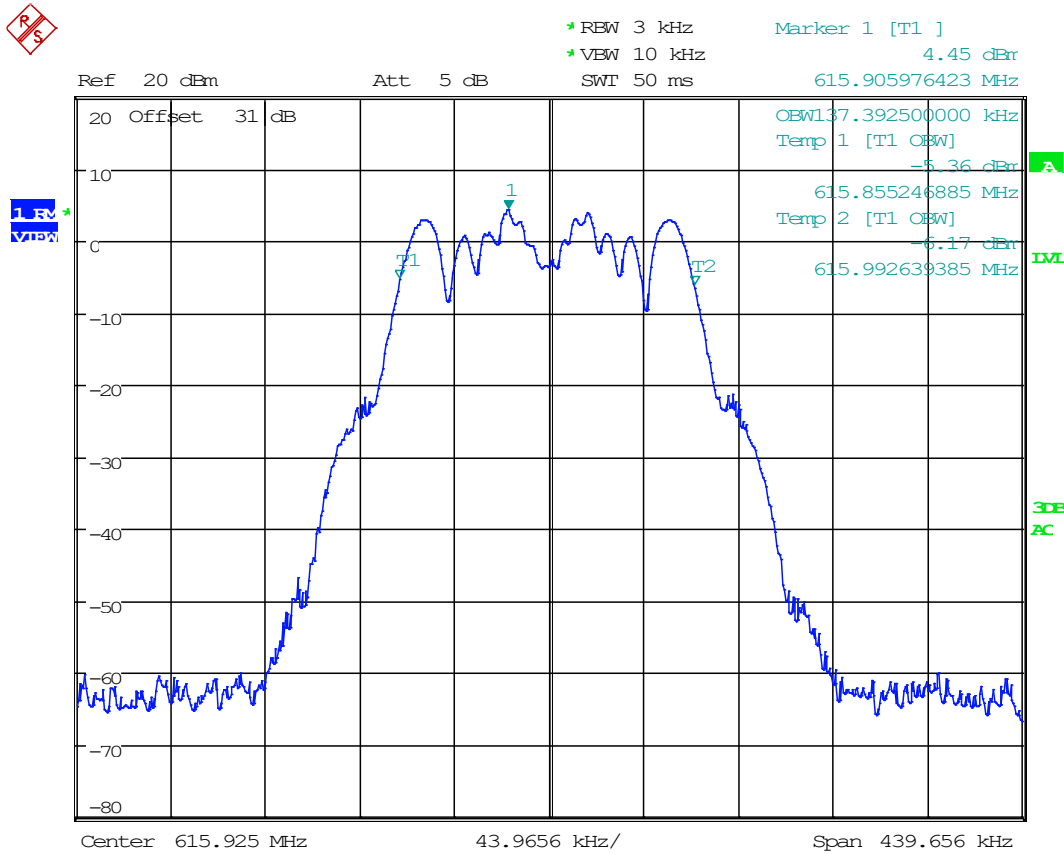


Date: 27.MAR.2023 14:52:46



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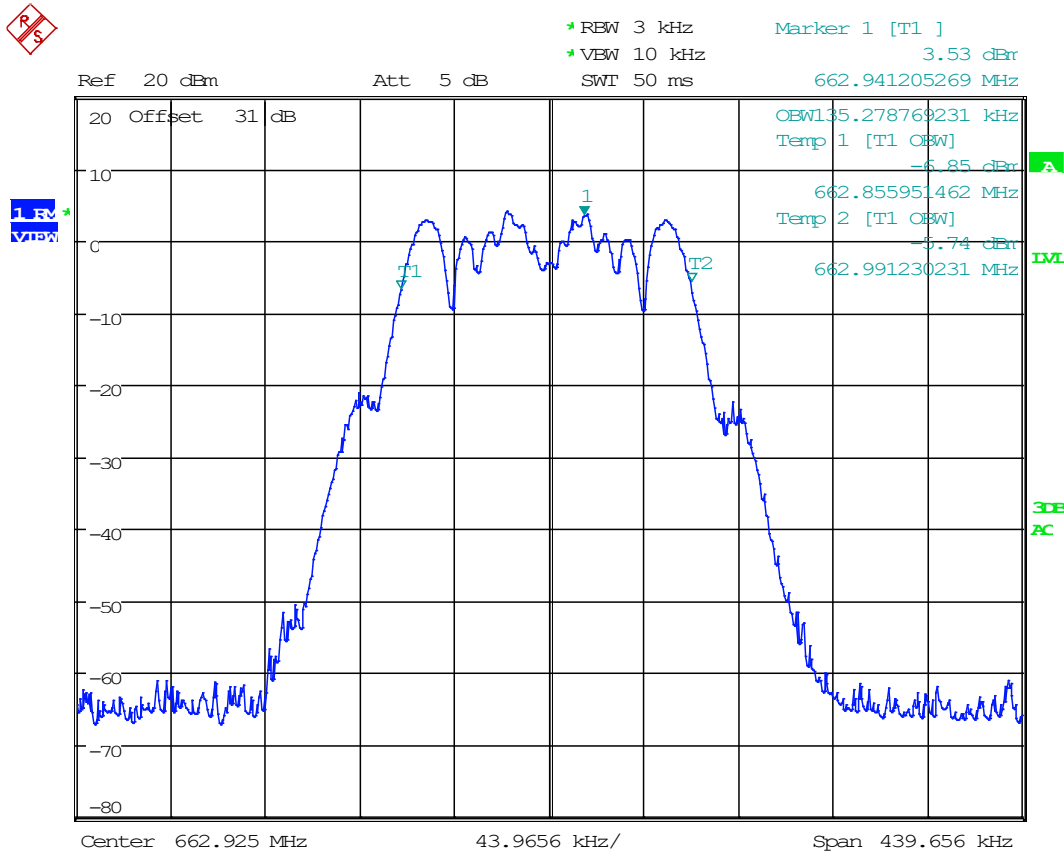
8.2.5 Test Data: 99% Occupied Bandwidth Measurement Plot, 615.925 MHz



Date: 27.MAR.2023 14:53:28



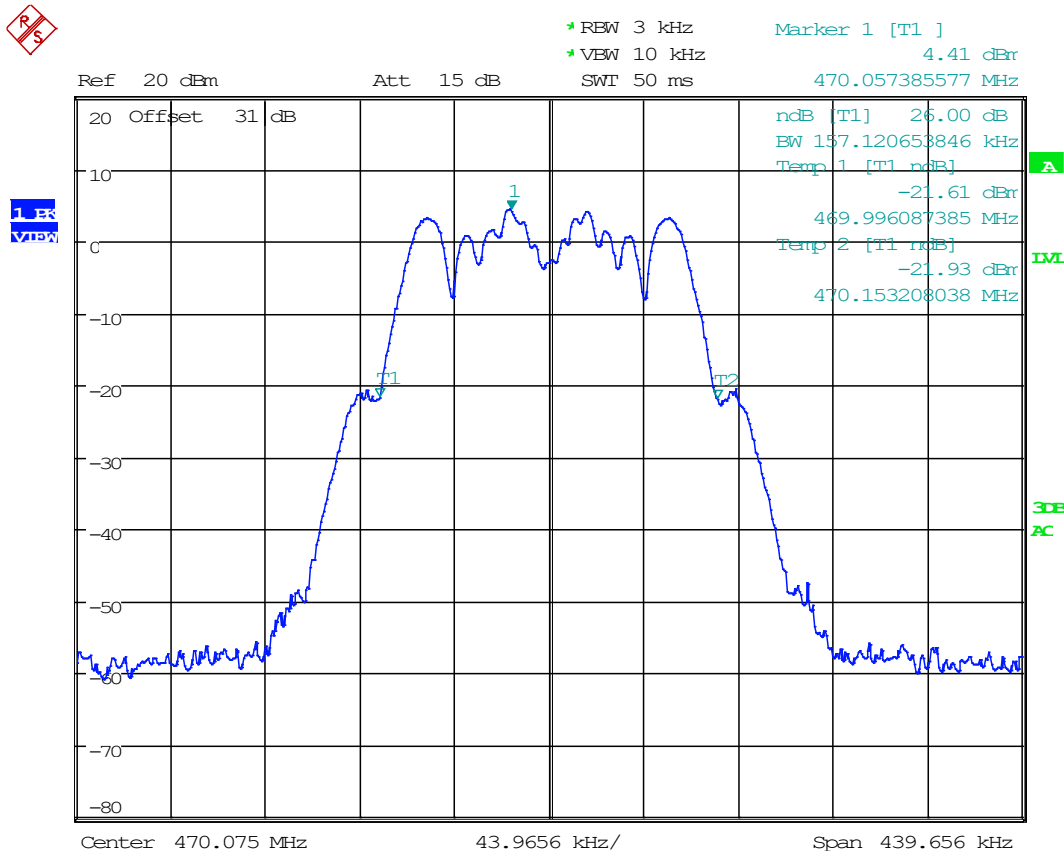
8.2.6 Test Data: 99% Occupied Bandwidth Measurement Plot, 662.925 MHz



Date: 27.MAR.2023 14:54:39

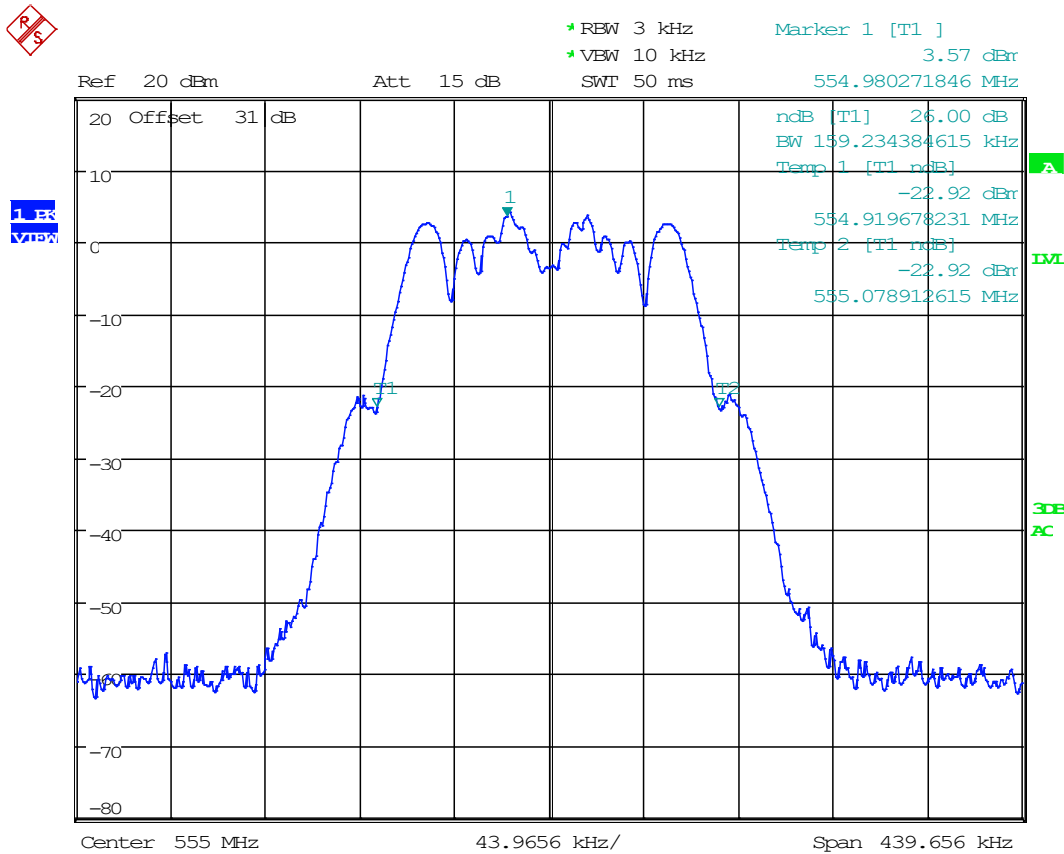


8.2.7 Test Data: 26dB Occupied Bandwidth Measurement Plot, 470.075 MHz



Date: 27.MAR.2023 15:12:01

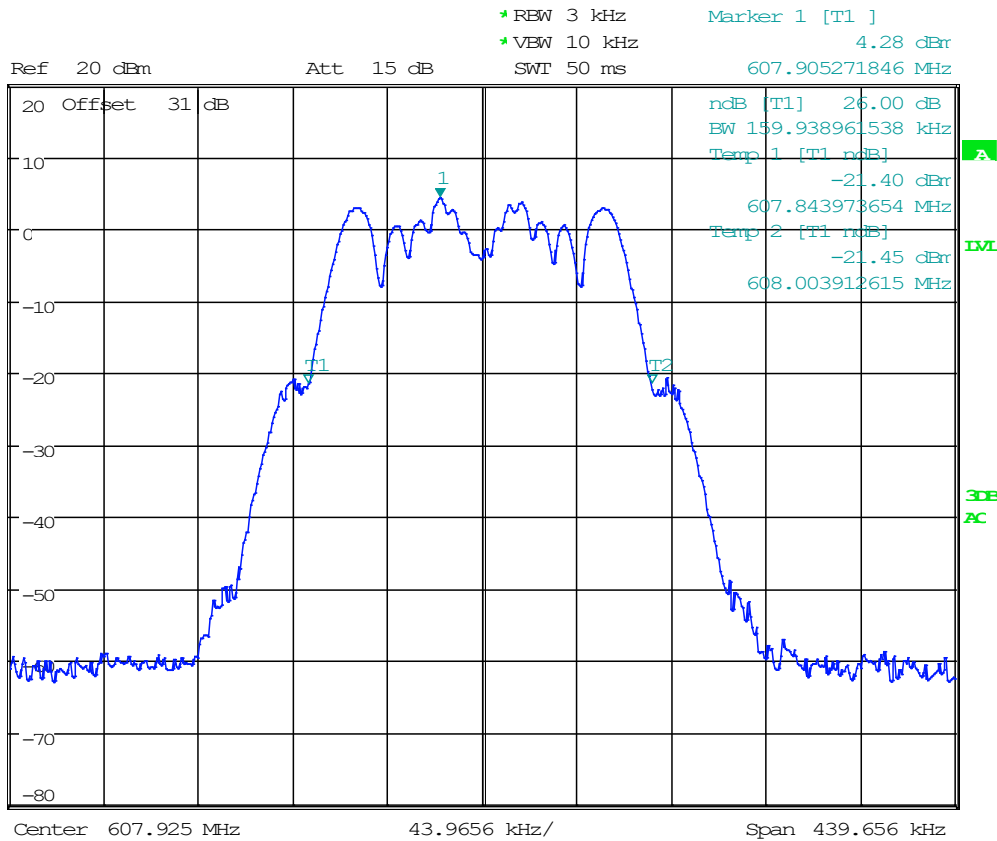
8.2.8 Test Data: 26dB Occupied Bandwidth Measurement Plot, 555.000 MHz



Date: 27.MAR.2023 15:13:20



8.2.9 Test Data: 26dB Occupied Bandwidth Measurement Plot, 607.925 MHz

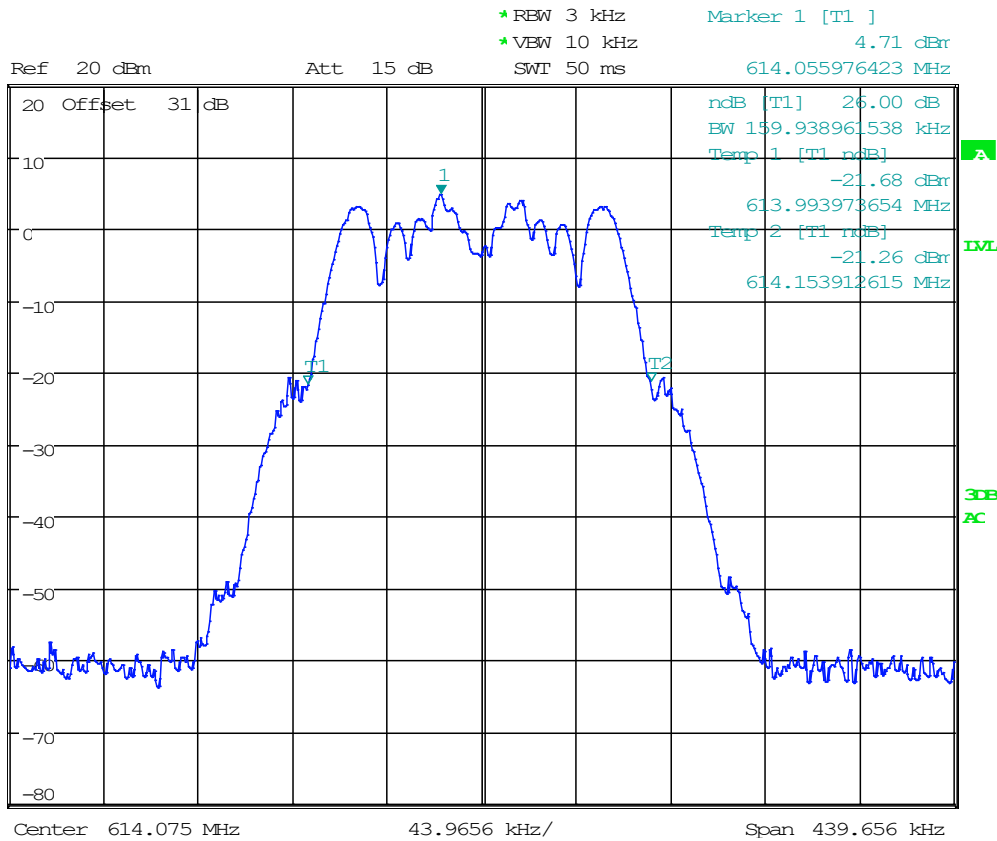


Date: 27.MAR.2023 15:13:52

8.2.10 Test Data: 26dB Occupied Bandwidth Measurement Plot, 614.075 MHz

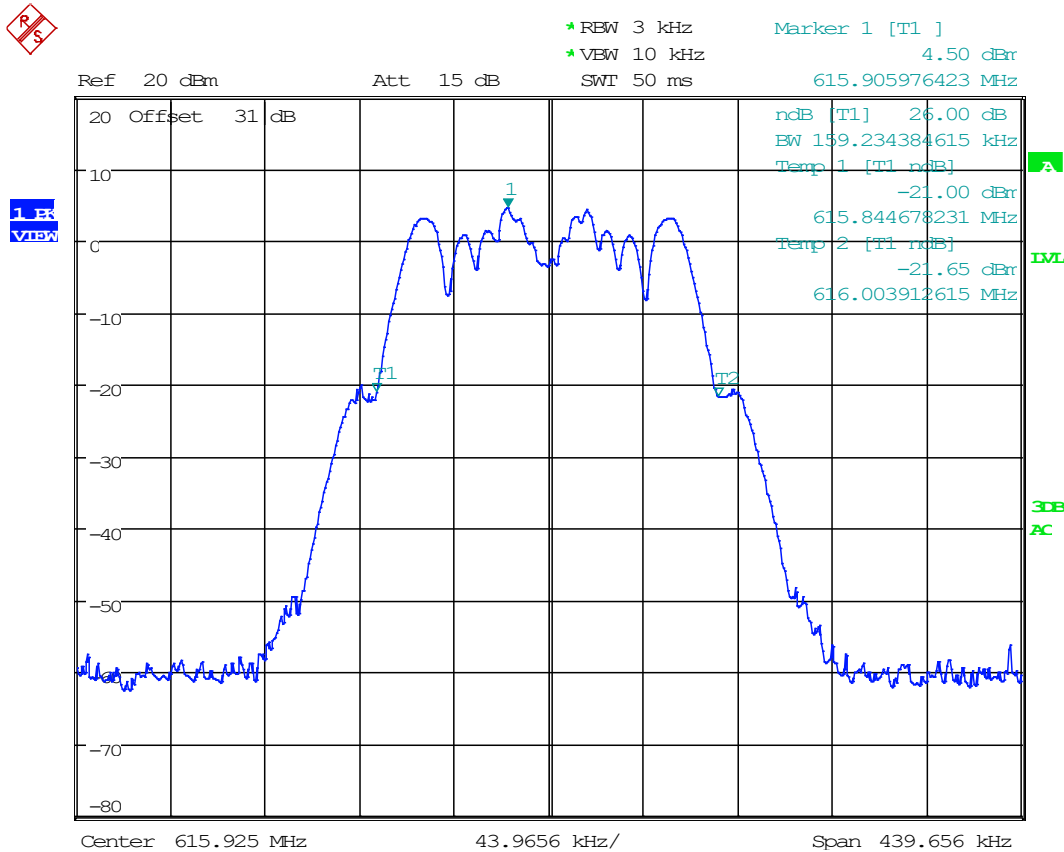


1.00
V19W



Date: 27.MAR.2023 15:14:28

8.2.11 Test Data: 26dB Occupied Bandwidth Measurement Plot, 615.925 MHz

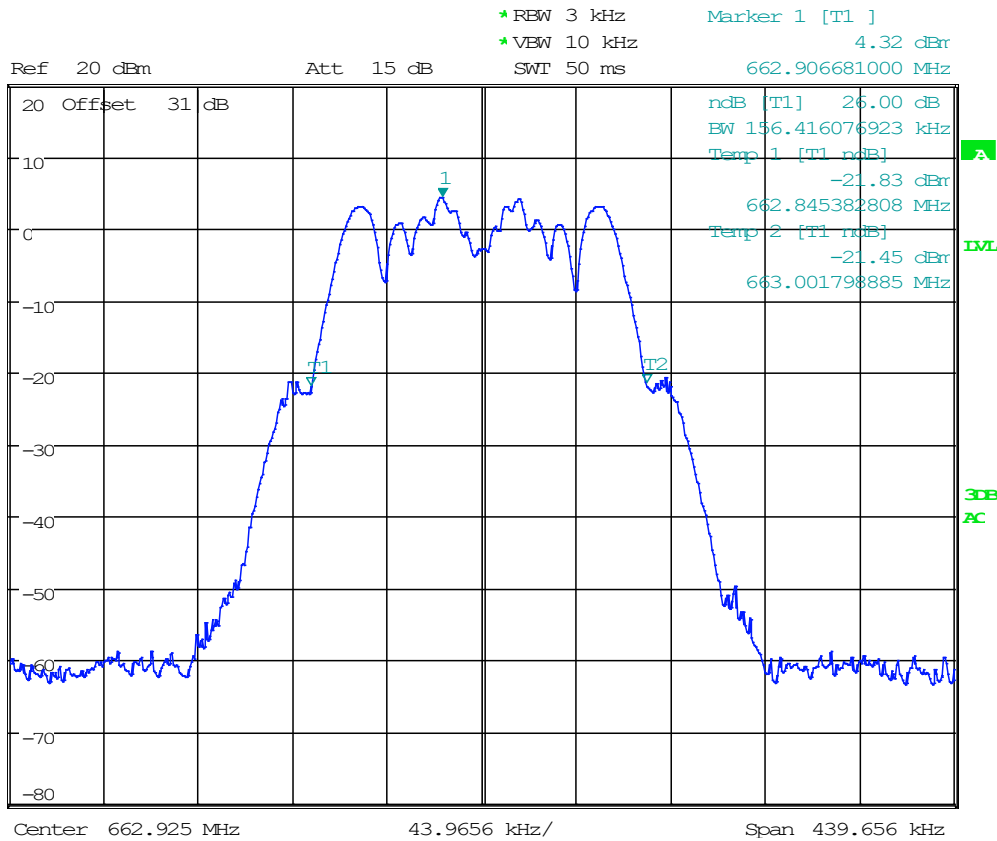


Date: 27.MAR.2023 15:15:07



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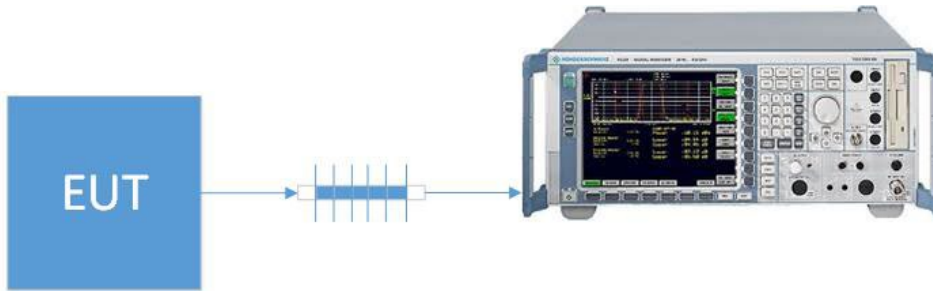
8.2.12 Test Data: 26dB Occupied Bandwidth Measurement Plot, 662.925 MHz



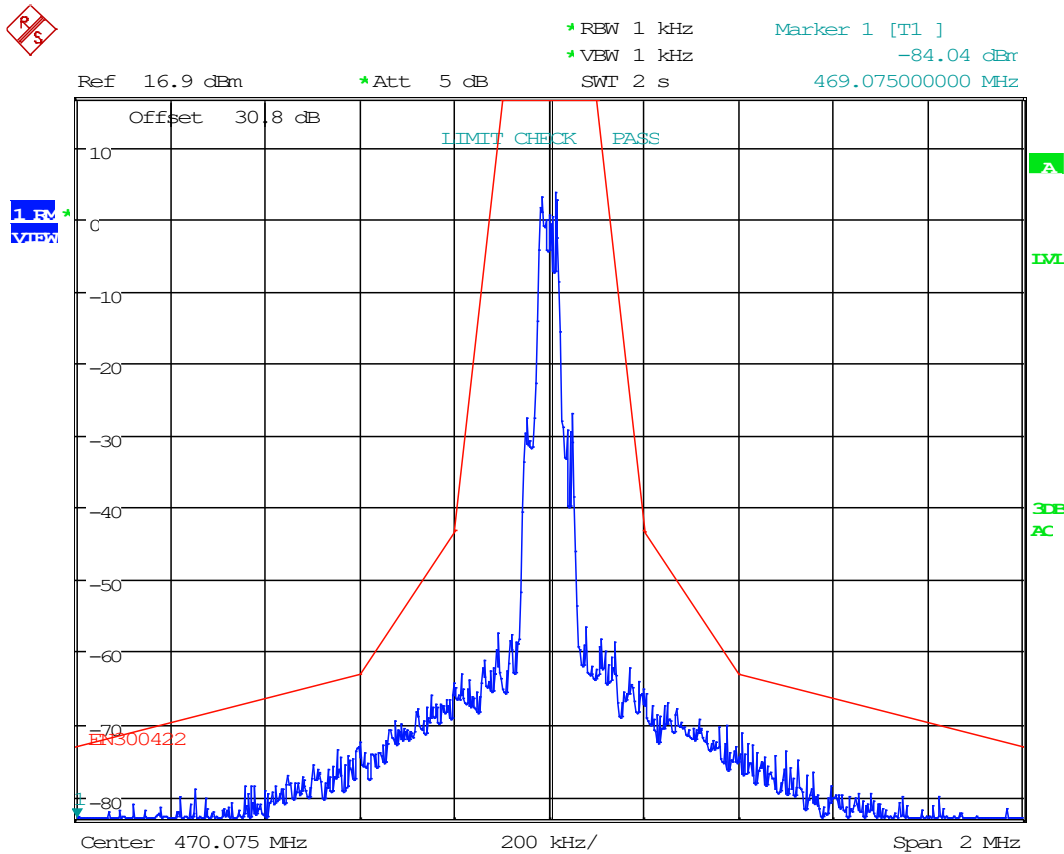
Date: 27.MAR.2023 15:16:05

8.3 OCCUPIED BANDWIDTH (Mask)

Limits from Part FCC Part 15.236 (g) and ETSI EN 300 422-1, test procedure from ANSI C63.10.

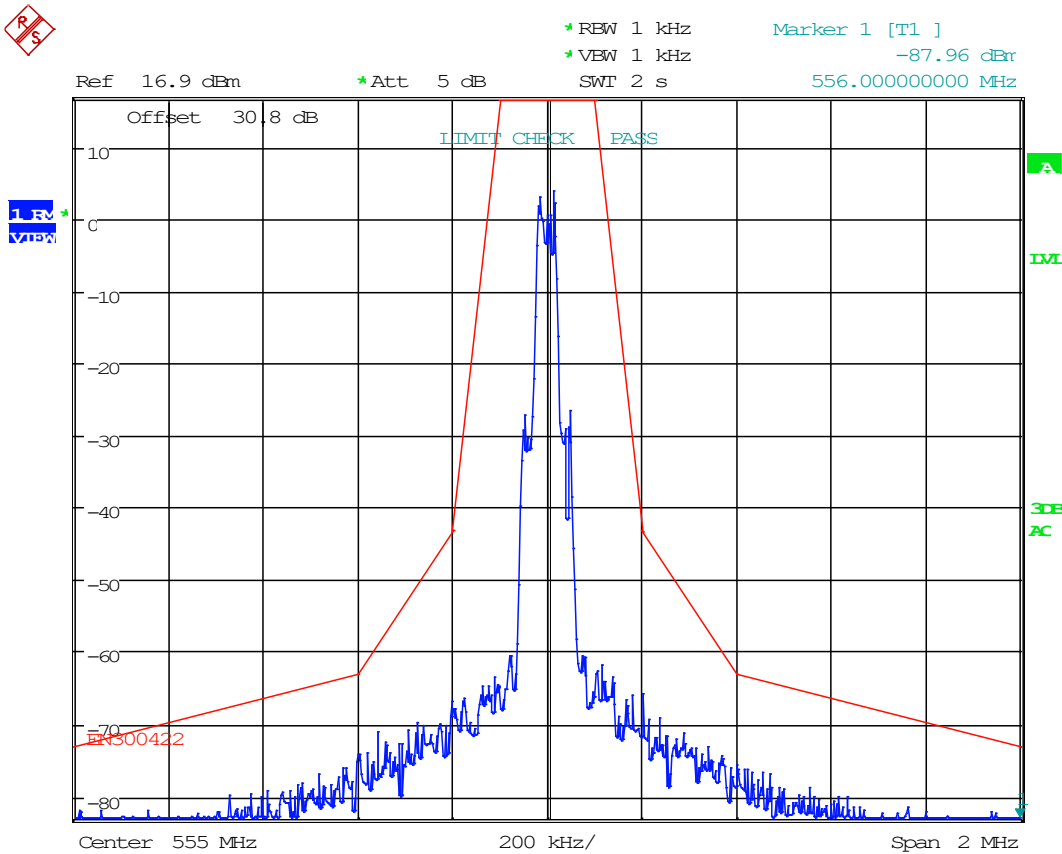


8.3.1 Test Data: Emission Mask Plot, 470.075 MHz



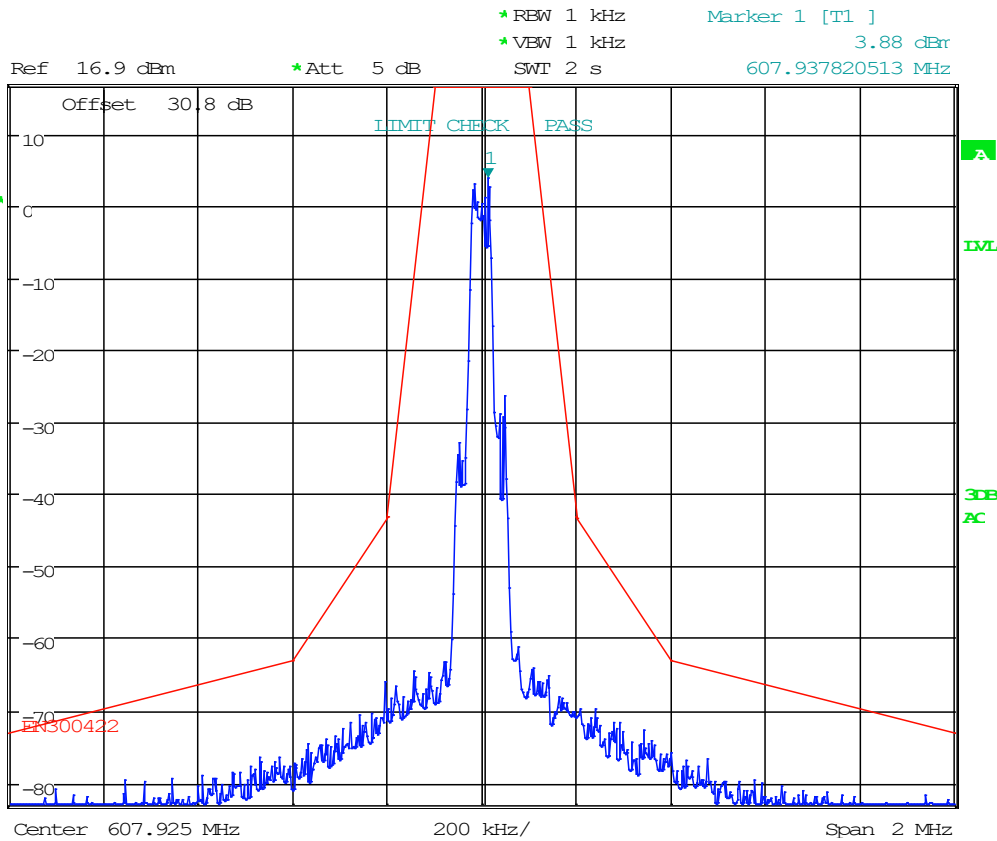
Date: 29.MAR.2023 15:04:08

8.3.2 Test Data: Emission Mask Plot, 555.000 MHz



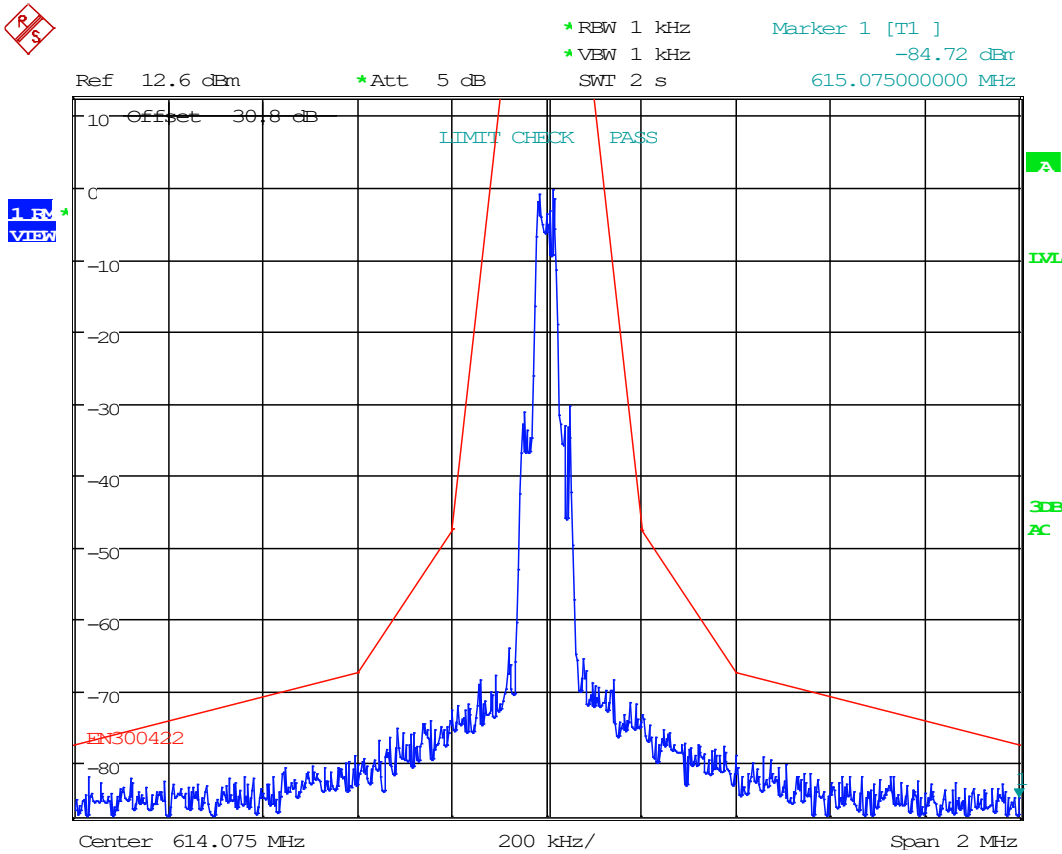
Date: 29.MAR.2023 15:03:22

8.3.3 Test Data: Emission Mask Plot, 607.925 MHz



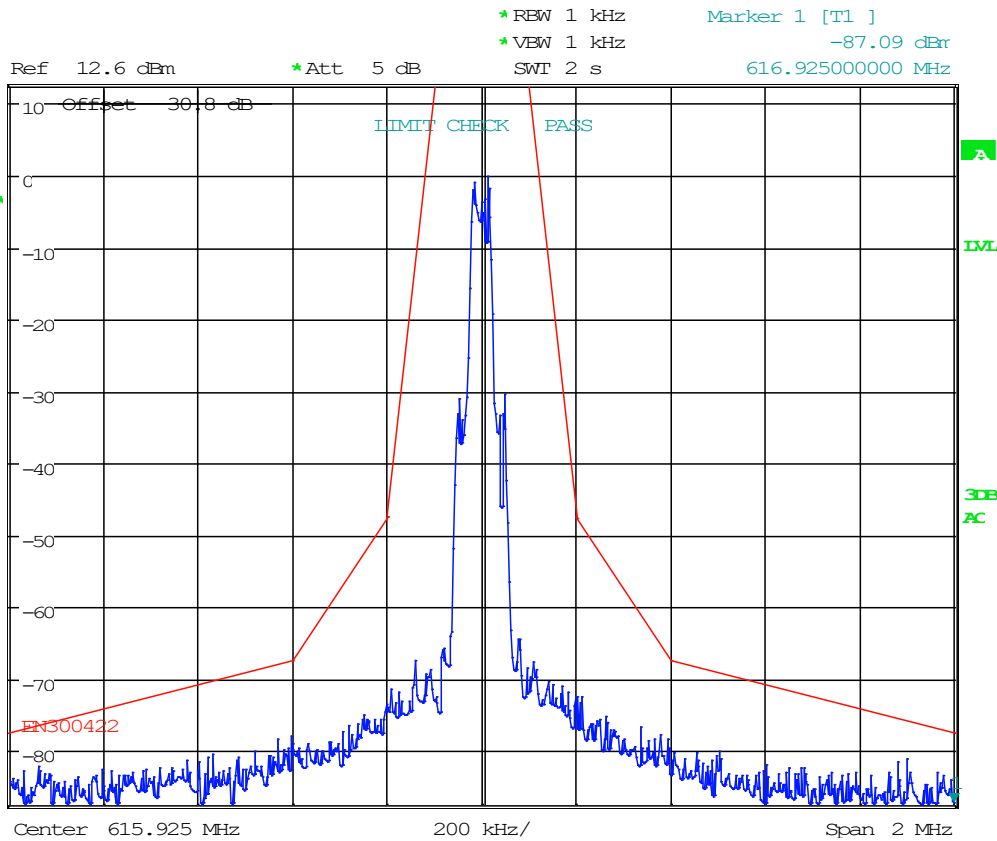
Date: 29.MAR.2023 15:02:50

8.3.4 Test Data: Emission Mask Plot, 614.075 MHz



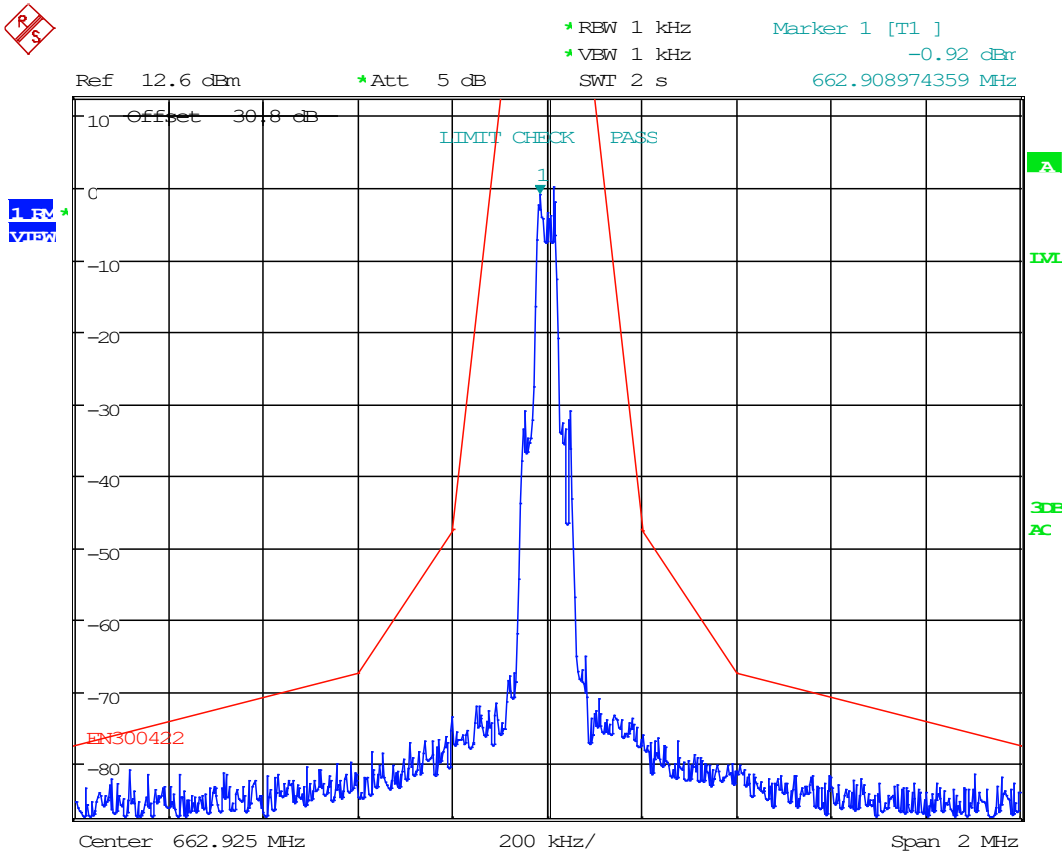
Date: 29.MAR.2023 15:01:48

8.3.5 Test Data: Emission Mask Plot, 615.925 MHz



Date: 29.MAR.2023 15:01:07

8.3.6 Test Data: Emission Mask Plot, 662.925 MHz

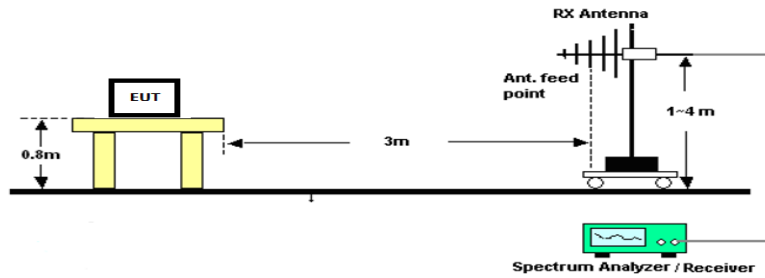


Date: 29.MAR.2023 14:59:37

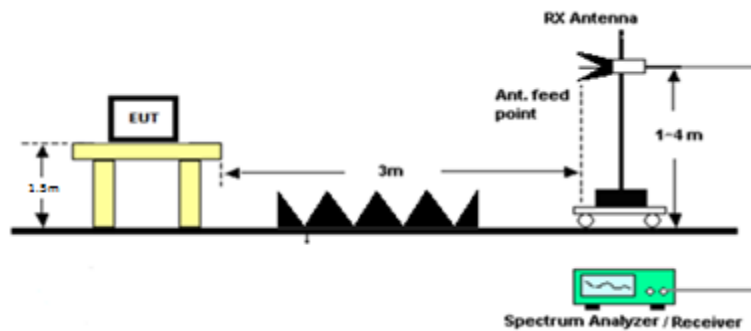
8.4 Radiated Emissions

Limits from FCC Part 15.236 (g) and test procedure from ANSI C63.10.

Radiated Test Setup, 30 – 1000 MHz



Radiated Test Setup, Above 1000 MHz





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8.4.1 Radiated Emissions Table, 470.075 MHz

Tuned Frequency (MHz)	Emission Frequency (MHz)	Detector	Meter Reading (dBuV)	Antenna Polarity	Coax Loss (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBuV/m)	ERP (dBm)	Spurious Limit (dBm)	Margin (dB)
470.08	940.15	PK	4.10	H	3.59	22.60	3.00	30.29	-67.09	-36.00	31.09
470.08	940.15	PK	0.80	V	3.59	22.60	3.00	26.99	-70.39	-36.00	34.39
470.08	1410.23	PK	10.60	H	4.31	28.39	3.00	43.30	-54.08	-30.00	24.08
470.08	1410.23	PK	10.80	V	4.31	28.39	3.00	43.50	-53.88	-30.00	23.88
470.08	1880.30	PK	10.60	H	5.03	30.94	3.00	46.58	-50.80	-30.00	20.80
470.08	1880.30	PK	11.20	V	5.03	30.94	3.00	47.18	-50.20	-30.00	20.20
470.08	2350.38	PK	12.20	H	5.58	31.93	3.00	49.70	-47.67	-30.00	17.67
470.08	2350.38	PK	11.70	V	5.58	31.93	3.00	49.20	-48.17	-30.00	18.17
470.08	2820.45	PK	12.30	H	6.21	32.43	3.00	50.94	-46.44	-30.00	16.44
470.08	2820.45	PK	11.90	V	6.21	32.43	3.00	50.54	-46.84	-30.00	16.84
470.08	3290.53	PK	13.60	H	6.70	32.63	3.00	52.93	-44.45	-30.00	14.45
470.08	3290.53	PK	13.50	V	6.70	32.63	3.00	52.83	-44.55	-30.00	14.55
470.08	3760.60	PK	14.70	H	6.45	33.13	3.00	54.27	-43.10	-30.00	13.10
470.08	3760.60	PK	14.70	V	6.45	33.13	3.00	54.27	-43.10	-30.00	13.10
470.08	4230.68	PK	14.10	H	7.11	33.33	3.00	54.53	-42.84	-30.00	12.84
470.08	4230.68	PK	14.30	V	7.11	33.33	3.00	54.73	-42.64	-30.00	12.64
470.08	4700.75	PK	14.30	H	7.20	33.88	3.00	55.37	-42.00	-30.00	12.00
470.08	4700.75	PK	15.30	V	7.20	33.88	3.00	56.37	-41.00	-30.00	11.00



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8.4.2 Radiated Emissions Table, 555.000 MHz

Tuned Frequency (MHz)	Emission Frequency (MHz)	Detector	Meter Reading (dBuV)	Antenna Polarity	Coax Loss (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBuV/m)	ERP (dBm)	Spurious Limit (dBm)	Margin (dB)
555.00	1110.00	PK	10.10	H	3.86	27.20	3.00	41.16	-56.21	-30.00	26.21
555.00	1110.00	PK	10.50	V	3.86	27.20	3.00	41.56	-55.81	-30.00	25.81
555.00	1665.00	PK	10.80	H	4.74	28.75	3.00	44.29	-53.09	-30.00	23.09
555.00	1665.00	PK	10.70	V	4.74	28.75	3.00	44.19	-53.19	-30.00	23.19
555.00	2220.00	PK	11.70	H	5.39	31.28	3.00	48.37	-49.00	-30.00	19.00
555.00	2220.00	PK	12.20	V	5.39	31.28	3.00	48.87	-48.50	-30.00	18.50
555.00	2775.00	PK	12.10	H	6.14	32.45	3.00	50.69	-46.69	-30.00	16.69
555.00	2775.00	PK	12.50	V	6.14	32.45	3.00	51.09	-46.29	-30.00	16.29
555.00	3330.00	PK	14.10	H	6.72	32.63	3.00	53.46	-43.92	-30.00	13.92
555.00	3330.00	PK	13.10	V	6.72	32.63	3.00	52.46	-44.92	-30.00	14.92
555.00	3885.00	PK	17.00	H	6.82	33.22	3.00	57.04	-40.34	-30.00	10.34
555.00	3885.00	PK	16.00	V	6.82	33.22	3.00	56.04	-41.34	-30.00	11.34
555.00	4440.00	PK	14.20	H	7.28	33.76	3.00	55.24	-42.14	-30.00	12.14
555.00	4440.00	PK	14.20	V	7.28	33.76	3.00	55.24	-42.14	-30.00	12.14
555.00	4995.00	PK	14.10	H	7.61	34.01	3.00	55.72	-41.66	-30.00	11.66
555.00	4995.00	PK	14.40	V	7.61	34.01	3.00	56.02	-41.36	-30.00	11.36
555.00	5550.00	PK	14.90	H	8.06	34.40	3.00	57.36	-40.02	-30.00	10.02
555.00	5550.00	PK	15.00	V	8.06	34.40	3.00	57.46	-39.92	-30.00	9.92



8.4.3 Radiated Emissions Table, 607.925 MHz

Tuned Frequency (MHz)	Emission Frequency (MHz)	Detector	Meter Reading (dBuV)	Antenna Polarity	Coax Loss (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBuV/m)	ERP (dBm)	Spurious Limit (dBm)	Margin (dB)
607.93	1215.85	PK	9.80	H	4.03	28.16	3.00	41.99	-55.39	-30.00	25.39
607.93	1215.85	PK	10.40	V	4.03	28.16	3.00	42.59	-54.79	-30.00	24.79
607.93	1823.78	PK	10.50	H	4.93	30.57	3.00	46.00	-51.38	-30.00	21.38
607.93	1823.78	PK	10.80	V	4.93	30.57	3.00	46.30	-51.08	-30.00	21.08
607.93	2431.70	PK	12.10	H	5.61	31.85	3.00	49.56	-47.81	-30.00	17.81
607.93	2431.70	PK	12.10	V	5.61	31.85	3.00	49.56	-47.81	-30.00	17.81
607.93	3039.63	PK	12.60	H	6.39	32.61	3.00	51.60	-45.78	-30.00	15.78
607.93	3039.63	PK	12.70	V	6.39	32.61	3.00	51.70	-45.68	-30.00	15.68
607.93	3647.55	PK	13.60	H	6.62	33.19	3.00	53.41	-43.97	-30.00	13.97
607.93	3647.55	PK	13.50	V	6.62	33.19	3.00	53.31	-44.07	-30.00	14.07
607.93	4255.48	PK	13.80	H	7.22	33.35	3.00	54.37	-43.00	-30.00	13.00
607.93	4255.48	PK	13.60	V	7.22	33.35	3.00	54.17	-43.20	-30.00	13.20
607.93	4863.40	PK	13.90	H	7.26	33.94	3.00	55.09	-42.28	-30.00	12.28
607.93	4863.40	PK	13.60	V	7.26	33.94	3.00	54.79	-42.58	-30.00	12.58
607.93	5471.33	PK	14.80	H	8.10	34.47	3.00	57.37	-40.01	-30.00	10.01
607.93	5471.33	PK	15.20	V	8.10	34.47	3.00	57.77	-39.61	-30.00	9.61
607.93	6079.25	PK	14.20	H	8.63	35.21	3.00	58.04	-39.33	-30.00	9.33
607.93	6079.25	PK	13.80	V	8.63	35.21	3.00	57.64	-39.73	-30.00	9.73



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8.4.4 Radiated Emissions Table, 614.075 MHz

Tuned Frequency (MHz)	Emission Frequency (MHz)	Detector	Meter Reading (dBuV)	Antenna Polarity	Coax Loss (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBuV/m)	ERP (dBm)	Spurious Limit (dBm)	Margin (dB)
614.08	1228.15	PK	10.10	H	4.04	28.26	3.00	42.40	-54.98	-30.00	24.98
614.08	1228.15	PK	10.20	V	4.04	28.26	3.00	42.50	-54.88	-30.00	24.88
614.08	1842.23	PK	10.80	H	4.96	30.79	3.00	46.55	-50.82	-30.00	20.82
614.08	1842.23	PK	10.50	V	4.96	30.79	3.00	46.25	-51.12	-30.00	21.12
614.08	2456.30	PK	13.00	H	5.61	31.89	3.00	50.51	-46.87	-30.00	16.87
614.08	2456.30	PK	12.30	V	5.61	31.89	3.00	49.81	-47.57	-30.00	17.57
614.08	3070.38	PK	12.70	H	6.43	32.69	3.00	51.81	-45.56	-30.00	15.56
614.08	3070.38	PK	13.20	V	6.43	32.69	3.00	52.31	-45.06	-30.00	15.06
614.08	3684.45	PK	14.10	H	6.63	33.19	3.00	53.92	-43.46	-30.00	13.46
614.08	3684.45	PK	13.60	V	6.63	33.19	3.00	53.42	-43.96	-30.00	13.96
614.08	4298.53	PK	13.60	H	7.47	33.46	3.00	54.53	-42.85	-30.00	12.85
614.08	4298.53	PK	13.40	V	7.47	33.46	3.00	54.33	-43.05	-30.00	13.05
614.08	4912.60	PK	14.30	H	7.59	33.92	3.00	55.81	-41.56	-30.00	11.56
614.08	4912.60	PK	14.30	V	7.59	33.92	3.00	55.81	-41.56	-30.00	11.56
614.08	5526.68	PK	15.00	H	8.06	34.43	3.00	57.49	-39.88	-30.00	9.88
614.08	5526.68	PK	14.70	V	8.06	34.43	3.00	57.19	-40.18	-30.00	10.18
614.08	6140.75	PK	14.20	H	8.61	35.32	3.00	58.14	-39.24	-30.00	9.24
614.08	6140.75	PK	14.20	V	8.61	35.32	3.00	58.14	-39.24	-30.00	9.24



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8.4.5 Radiated Emissions Table, 615.925 MHz

Tuned Frequency (MHz)	Emission Frequency (MHz)	Detector	Meter Reading (dBuV)	Antenna Polarity	Coax Loss (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBuV/m)	ERP (dBm)	Spurious Limit (dBm)	Margin (dB)
615.93	1231.85	PK	10.00	H	4.05	28.28	3.00	42.33	-55.05	-30.00	25.05
615.93	1231.85	PK	9.60	V	4.05	28.28	3.00	41.93	-55.45	-30.00	25.45
615.93	1847.78	PK	10.90	H	4.97	30.86	3.00	46.73	-50.65	-30.00	20.65
615.93	1847.78	PK	10.90	V	4.97	30.86	3.00	46.73	-50.65	-30.00	20.65
615.93	2463.70	PK	12.20	H	5.61	31.96	3.00	49.77	-47.60	-30.00	17.60
615.93	2463.70	PK	12.60	V	5.61	31.96	3.00	50.17	-47.20	-30.00	17.20
615.93	3079.63	PK	13.30	H	6.44	32.71	3.00	52.45	-44.93	-30.00	14.93
615.93	3079.63	PK	14.30	V	6.44	32.71	3.00	53.45	-43.93	-30.00	13.93
615.93	3695.55	PK	14.20	H	6.61	33.19	3.00	54.00	-43.38	-30.00	13.38
615.93	3695.55	PK	14.00	V	6.61	33.19	3.00	53.80	-43.58	-30.00	13.58
615.93	4311.48	PK	14.30	H	7.55	33.49	3.00	55.33	-42.05	-30.00	12.05
615.93	4311.48	PK	14.30	V	7.55	33.49	3.00	55.33	-42.05	-30.00	12.05
615.93	4927.40	PK	13.80	H	7.71	33.93	3.00	55.44	-41.94	-30.00	11.94
615.93	4927.40	PK	13.60	V	7.71	33.93	3.00	55.24	-42.14	-30.00	12.14
615.93	5543.33	PK	15.00	H	8.06	34.41	3.00	57.47	-39.91	-30.00	9.91
615.93	5543.33	PK	14.60	V	8.06	34.41	3.00	57.07	-40.31	-30.00	10.31
615.93	6159.25	PK	15.80	H	8.63	35.34	3.00	59.77	-37.61	-30.00	7.61
615.93	6159.25	PK	14.40	V	8.63	35.34	3.00	58.37	-39.01	-30.00	9.01



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8.4.6 Radiated Emissions Table, 662.925 MHz

Tuned Frequency (MHz)	Emission Frequency (MHz)	Detector	Meter Reading (dBuV)	Antenna Polarity	Coax Loss (dB)	Antenna Correction Factor (dB/m)	Distance (m)	Field Strength (dBuV/m)	ERP (dBm)	Spurious Limit (dBm)	Margin (dB)
662.93	1325.85	PK	10.30	H	4.22	28.72	3.00	43.24	-54.14	-30.00	24.14
662.93	1325.85	PK	10.10	V	4.22	28.72	3.00	43.04	-54.34	-30.00	24.34
662.93	1988.78	PK	10.50	H	5.17	31.31	3.00	46.98	-50.40	-30.00	20.40
662.93	1988.78	PK	10.70	V	5.17	31.31	3.00	47.18	-50.20	-30.00	20.20
662.93	2651.70	PK	11.50	H	5.89	32.42	3.00	49.81	-47.56	-30.00	17.56
662.93	2651.70	PK	11.60	V	5.89	32.42	3.00	49.91	-47.46	-30.00	17.46
662.93	3314.63	PK	12.90	H	6.72	32.63	3.00	52.25	-45.13	-30.00	15.13
662.93	3314.63	PK	13.30	V	6.72	32.63	3.00	52.65	-44.73	-30.00	14.73
662.93	3977.55	PK	16.60	H	7.26	33.39	3.00	57.25	-40.13	-30.00	10.13
662.93	3977.55	PK	16.70	V	7.26	33.39	3.00	57.35	-40.03	-30.00	10.03
662.93	4640.48	PK	14.90	H	7.49	33.93	3.00	56.32	-41.05	-30.00	11.05
662.93	4640.48	PK	14.10	V	7.49	33.93	3.00	55.52	-41.85	-30.00	11.85
662.93	5303.40	PK	15.30	H	7.91	34.28	3.00	57.49	-39.89	-30.00	9.89
662.93	5303.40	PK	15.00	V	7.91	34.28	3.00	57.19	-40.19	-30.00	10.19
662.93	5966.33	PK	14.00	H	8.57	35.07	3.00	57.64	-39.73	-30.00	9.73
662.93	5966.33	PK	14.30	V	8.57	35.07	3.00	57.94	-39.43	-30.00	9.43
662.93	6629.25	PK	13.80	H	9.17	35.65	3.00	58.62	-38.76	-30.00	8.76
662.93	6629.25	PK	14.10	V	9.17	35.65	3.00	58.92	-38.46	-30.00	8.46



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9. ANNEX-A - Photographs of the EUT

Photographs of the EUT and any manufacturer supplied accessories to be used with the EUT are in a separate document.

10. ANNEX-B – Test Setup Photographs

Test setup photographs are located in a separate document.

11. History of Test Report Changes

Test Report #	Revision #	Description	Date of Issue
TR_7197-23_PT 15.236_	1	Initial release	05/02/2023
	2	Updated Pages 7, 13 & 33	7/7/2023



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END OF TEST REPORT
