

Prüfbericht-Nr.: <i>Test report no.:</i>	IN258K1F 001	Auftrags-Nr.: <i>Order no.:</i>	146976468 010	Seite 1 von 107 Page 1 of 107
Kunden-Referenz-Nr.: <i>Client reference no.:</i>	2384903	Auftragsdatum: <i>Order date:</i>	2024-10-22	
Auftraggeber: <i>Client:</i>	Devic Earth Private Limited Villa 7, Ground Floor Parkway Tivoli Apartment. Kadugodi Main Road.Seegehalli Whitefield Bangalore,560067.			
Prüfgegenstand: <i>Test item:</i>	Air Pollution Control Equipment			
Bezeichnung: <i>Identification .:</i>	Transmitter PSDEACE			
Auftrags-Inhalt: <i>Order content:</i>	Testing and issue of Test Report with Grant Certificate			
Prüfgrundlage: <i>Test specification:</i>	CFR 47 FCC Part 24 Subpart E, FCC Part15 SubpartC 15.207 RSS Gen Issue 5, RSS-133 Issue 7			
Wareneingangsdatum: <i>Date of sample receipt:</i>	2024-11-04			
Prüfmuster-Nr & Serien-Nr.: <i>Test sample no & serial no.:</i>	A003846786-002 0036			
Prüfzeitraum: <i>Testing period:</i>	2024-11-04 - 2024-11-20			
Ort der Prüfung: <i>Place of testing:</i>	Wireless laboratory, Bangalore			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (India) Pvt.Ltd., 27/B, 2nd Cross, Electronic City Phase1 Bangalore -560 100, India FCC Test site registration number: 496599 ISED Test site registration number: 27711			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von:	genehmigt von: <i>authorized by:</i>			
Datum: <i>Date:</i> 2025-01-17	Ausstellatum: <i>Issue date:</i> 2025-01-17			
Stellung / Position:	M.V.Naveen Kumar Senior Engineer	Stellung / Position:	Madhu K.N Assistant Manager	
Sonstiges / Other:	FCC ID: 2BL5B-PSDEACE IC: 33453-PSDEACE HVIN: Transmitter PSDEACE			
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>	Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>			
* Legende:	1 = sehr gut P(ass) = entspricht o.g. Prüfgrundlage(n)	2 = gut F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	3 = befriedigend F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	4 = ausreichend N/A = nicht anwendbar
* Legend:	1 = very good P(ass) = passed a.m. test specification(s)	2 = good F(ail) = failed a.m. test specification(s)	3 = satisfactory F(ail) = failed a.m. test specification(s)	4 = sufficient N/A = not applicable
5 = mangelhaft N/T = nicht getestet				
5 = poor N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

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1	Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden. <i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i>
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3	Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt. <i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i> <i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i>
4	Die Entscheidungsregel für Konformitätserklärungen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. <i>The decision rule for statements of conformity in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report.</i>

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TEST SUMMARY

Test Item	FCC Clause	ISED Clause	Results
Conducted Output Average Power and Peak to Average Power ratio	§2.1046 §24.232 (c) & (d)	RSS-133, §5.5	Pass
Equivalent Isotropic Radiated Power (EIRP) / Effective Radiated Power (ERP)	§2.1046 §24.232 (c) & (d)	RSS-Gen, §6.12;	Pass
Field strength of spurious radiation	§2.1053 §24.238	RSS-133, §5.6	Pass
Frequency Stability	§2.1055 §24.235	RSS-Gen, §6.13;	N/T
Emission Bandwidth and Occupied Bandwidth	§2.1049	RSS-Gen, §6.7	N/T
Band Edge	§2.1051 §24.238	RSS-Gen, §6.6	N/T
Spurious emissions at antenna terminals	§2.1051 §24.238	RSS-Gen, §6.13	N/T
AC Powerlines Conducted emission	§FCC 15.207	RSS Gen Issue 5 Section 8.8	Pass

Note:

N/T: Not Tested since Air Pollution Control Equipment product uses certified RF modules Product Name: **LTE/GNSS MODULE** with **FCC ID: 2AJYU-8PYA007**, & **IC: 23761-8PYA008** Hence the above mentioned test cases are excluded and which can be found in the module test report of respective FCC ID & IC.

Product	Applicant	FCC ID	IC	Report No	IC Report No	Issued By	FCC Grant Date	ISED Grant Date
SIMCom	SIMCom Wireless Solutions Limited	2AJYU-8PYA007	23761-8PYA008	STS2006043W01	STS2006043W02	Shenzhen STS Test Services Co., Ltd.	14-08-2020	02-09-2020

Product Category: Electronics Testing
Test Discipline: EMC Test Facility

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REVISION HISTORY OF THIS REPORT

Report Number	Version	Description	Issue date
IN258K1F 001	01	Initial issue of report	2025-01-17

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1 GENERAL REMARKS

1.1 Attachments

All attachments are part of this test report and are issued in separate document

1: TEST SETUP PHOTOS

2: EUT EXTERNAL PHOTOS

3: EUT INTERNAL PHOTOS

4: FCC LABEL AND LABEL LOCATION

5: BLOCK DIAGRAM

6: SPECIFICATION OF EUT

7: SCHEMATIC DIAGRAM

8: BILL OF MATERIAL

9: USER MANUAL

10: MAXIMUM PERMISSIBLE EXPOSURE INFORMATION

2 TEST SITES

2.1 Testing Facilities

1. TÜV Rheinland (India) Pvt.Ltd.,
27/B, 2nd Cross,
Electronic city Phase1
Bangalore – 560 100,
India
2. TUV Rheinland (India) Private Limited
108 , Beside ISBR Business School,
Electronic city Phase I
Bangalore - 560 100.
India

2.2 List of Test and Measurement Instruments

Table 1: List of test and measurement instruments

Equipment	Manufacturer	Model Name	Serial Number	Firmware Versions	Calibration Due Date	Periodicity	Test Facility
EMI Receiver	Rohde & Schwarz	ESW 44	101773	1.72 SP5	26.01.2025	Yearly	Radiated Spurious Emission
Horn Antenna	Schwarzbeck	BBHA 9120 D	2117	-	26.01.2025	Yearly	
Baloon and Biconical Antenna	Schwarzbeck mess-elektronik	VHBB-9124 / BBA-9106	01028	-	08.02.2025	Yearly	
Log-Periodic Antenna	Schwarzbeck mess-elektronik	VUSLP-9111B	9111B-111	-	03.02.2025	Yearly	
Active loop antenna	Frankonia	LAX-10	LAX-10-800	-	23-03-2025	Yearly	
Fully Anechoic Chamber	Albatross	-	-	-	-	-	
EMI Receiver	Rohde & Schwarz	ESW 44	103384	4.73 SP5	10.05.2025	Yearly	Antenna – Port Conducted
10dB Attenuator	H+S Electronics Pvt. Ltd	6810.17.A	770041	-	08-03-2025	Yearly	
Radio Communication tester	Rohde & Schwarz	CMW 500	1201.0002K50	-	29.11.2025	Yearly	
EMI Receiver	Rohde & Schwarz	ESR7	101133	3.48 SP3	16.09.2025	Yearly	AC Powerlines Test Case
Two Line V-Network (LISN)	Rohde & Schwarz	ENV 216	100022	-	15-04-2025	Yearly	
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100811	-	08-07-2025	Yearly	

Table 2: Instrument application Software versions

SL. No.	Test Type	Application software	Version
1	Radiated spurious emission measurement in SAC	BATEMC	V2022.0.11.0
2	Radiated spurious emission measurement in FAC	EMC 32	10.60.20

3 GENERAL PRODUCT INFORMATION

3.1 Product Function and Intended Use

PURE SKIES IS AN ADVANCED AIR-CLEANING TECHNOLOGY THAT REDUCES PM2.5 AND PM10 PARTICULATE MATTER CONCENTRATIONS OVER A LARGE AREA IN AMBIENT CONDITIONS. IT IS ESPECIALLY SUITED FOR CITIES, HEAVY INDUSTRIES, POWER PLANTS, MINES, AIRPORTS, AND PORTS.

3.2 Ratings and System Details of Equipment under Test

Table 3: Ratings and System Details as declared by Supplier*

Radio Protocol		LTE; WCDMA; GSM				
LTE E-UTRA operating bands		Band	Bandwidth (MHz)	UL Frequency (MHz)	DL Frequency (MHz)	Modulation
		2	1.4, 3, 5, 10, 15, 20	1850.7 - 1909.3	1930.7- 1989.3	QPSK, 16QAM
		25	1.4, 3, 5, 10, 15, 20	1850 – 1915	1930.0 - 1995	QPSK, 16QAM
WCDMA		4	-	1850 – 1910	1930- 1990	QPSK
GSM		1900 MHz	-	1850-1910	1930 - 1990	8PSK
Transmitted Power for LTE (dBm)		Band	Power Class	Max. Conducted Average. Output Power		
		2	Power Class 3:23dBm	23.33dBm@CB20MHz, QPSK_High Channel		
		25	Power Class 3:23dBm	23.27dBm@CB20MHz, 16QAM_High Channel		
Transmitted Power for WCDMA (dBm)		2	Power class 3:24dBm	23.86dBm@Low Channel		
Transmitted Power for GSM (dBm)		GSM 1900	Power class 5:33dBm	30.53dBm@GPRS1900MHz_Low Channel		
Antenna Type		Main Antenna(Dipole Antenna)				
Number of Antenna		Main Antenna-1				
Antenna Gain		Refer Table 4				
Supply Voltage to Product		110VAC through mains				
Environmental conditions	Storage	-20°C to 85° C 30% to 65% RH, non-condensing				
	Operating	15°C to 50° C 30% to 65% RH, non-condensing				
EUT Dimension (H x W x D)		10.14 x 8.26 x 4 inch				

Antenna Type	Frequency Bands (MHz)	Antenna Gain (dBi)
Primary Antenna (External)	Band 2	1.87
	Band 4	3.12
	Band 5	0.91
	Band 12	0.95
	Band 13	2.23
	Band 25	1.87
	Band 26	0.91
	Band 41	2.90
	Band 66	3.12

Table 4: Antenna Gain

***Disclaimer:**

The information/data is supplied by the client and the same is considered to arrive at the final value. Any changes made apart from the specified specification, can directly impact on the tests results. Refer the products user manual for more details.

3.3 Measurement Uncertainty

Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of $k = 2$

Table 5: Measurement Uncertainty

Parameter	Uncertainty
Occupied Channel Bandwidth	$\pm 5 \%$
RF output power, conducted	$\pm 1.5 \text{ dB}$
Power Spectral Density, conducted	$\pm 3 \text{ dB}$
Unwanted Emissions, conducted	$\pm 3 \text{ dB}$
All emissions, radiated	$\pm 6 \text{ dB}$
Temperature	$\pm 3 \text{ }^{\circ}\text{C}$
Supply Voltages	$\pm 3 \%$
Time	$\pm 5 \%$

4 TEST SET-UP AND OPERATION MODE

4.1 Principle of Configuration Selection

Transmission was enabled with highest possible duty cycle on low, mid and high channels

4.2 UUT Operation and Software

Sl.No	Board Name	Hardware Name	Hardware Version	Software Name	Software Version
1	RF Board	MPLAB	PIC KIT TM4 in-CIRCUIT DEBUGGER	MPLAB X	IDE v6.20
2	Security Board	Arduino Programmer	IDE 2.3.2	Arduino	Arduino IDE 2.3.2

Hardware version & Identification Number(HVIN): Refer the Cover Page

4.3 Special Accessories and Auxiliary Equipment

- None

4.4 Countermeasures to achieve EMC Compliance

- None

4.5 List of frequencies

Table 6: List of Center frequencies

Protocol	Band	UL Frequency (MHz)	DL Frequency (MHz)
LTE	2	1850 - 1909.9	1930 - 1989.9
	25	1850 - 1915	1930 - 1995
WCDMA	2	1850 - 1910	1850 - 1910
GSM	1900MHz	1850 - 1910	1850 - 1910

Note:

TUV Sample Identification number: A003846786-002 – Radiated test Sample & Conducted test Sample

4.6 Report references

Note: Air Pollution Control Equipment has multiple protocols. All the supported wireless protocols and their respective test results are issued in separate test reports, following table lists the report numbers.

Radio Protocol	Report Number
RF test report for FCC Part22 Subpart H & RSS Gen Issue 5, RSS 132 Issue 4	IN25CSFD 001
RF test report for FCC Part24 Subpart E & RSS Gen Issue 5, RSS-133 Issue 7	IN258K1F 001
RF test report for FCC Part27 Subpart C & RSS Gen Issue 5, RSS 139 Issue 4, RSS 199 Issue 4, RSS 130 Issue 2	IN258337 001
RF test report for FCC Part90 Subpart S	IN25DWD0 001
RF Test report for FCC Part15 Subpart C & RSS 247 Issue 3, RSS Gen Issue 5	IN25S64J 001

5 Operational Description of the product

THE PURE SKIES 2.0 SYSTEM INCLUDES BOTH A TRANSMITTER AND A RECEIVER UNIT. THE TRANSMITTER UNIT TRANSMITS PROPRIETARY ALGORITHM-BASED PULSED RADIO WAVES (2.4GHZ). THE RECEIVER UNIT HAS AN OMNIDIRECTIONAL ANTENNA TUNED TO THE ISM BAND (2.4GHZ) AND IT RECEIVES PULSED RADIO WAVES AND CREATES AN ELECTROMAGNETIC FIELD. THAT ACCELERATES THE CLEARANCE OF TARGET POLLUTANTS IN THE SURROUNDING AREA.

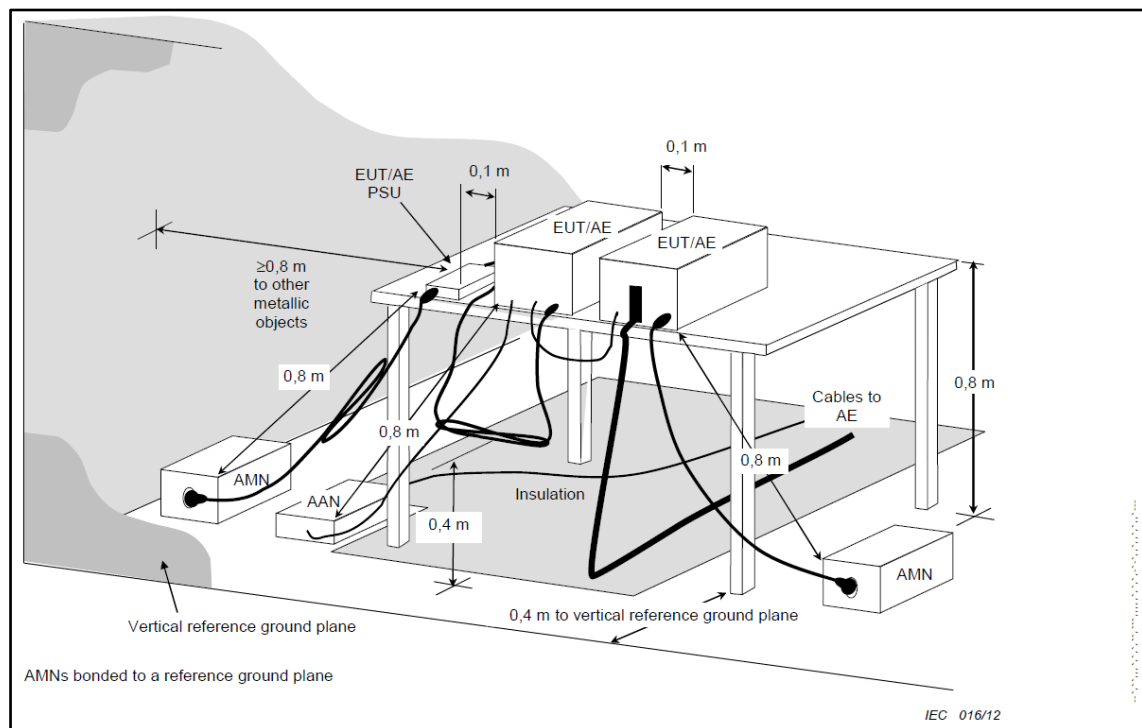
6 TEST METHODOLOGY

6.1 AC Powerlines Conducted emission.

Measured levels of ac powerline conducted emission across the 50Ω LISN port (to which the EUT is connected). All emission voltage and current measurements shall be made on each current-carrying conductor at the plug end of the EUT power cord by the use of mating plugs and receptacles on the LISN, if used. Equipment shall be tested with power cords that are normally supplied or recommended by the manufacturer and that have electrical and shielding characteristics that are the same as those cords normally supplied or recommended by the manufacturer.

The device is placed on the test table, raised 80cm above the reference ground plane. The vertical conducting plane is located 40cm to the rear of the device. AC Conducted emission measurement is made over frequency range from 150kHz to 30MHz, this measurement was performed with EUT powered by an AC adaptor with 110V AC 60Hz supply.

6.1.1 Test Setup Configuration



6.2 Radiated Emission Test

Frequency Range 9 kHz - 30 MHz

Test performed as per ANSI C63.4-2014 section 8.3

The loop Antenna was placed at 1m above the ground plane & EUT is 3 meters far from the measuring antenna. With 3m measurement distance, correction data were applied to the measured results. The test arrangement, measuring antenna guidelines and operational configurations in 8.2.1 and 8.2.2, shall be followed. The measurement antenna shall be positioned with its plane perpendicular to the ground at the Specified distance, when perpendicular to the ground plane, the lowest height of the magnetic antenna shall be 1 m above the ground and shall be positioned at the specified distance from the EUT. EUT & its associates are placed on non-conducting table of 0.8m height which is placed on the turn table, For each measurement antenna alignment, the EUT shall be rotated through 0° to 360° on a turntable. The report shall list worst case emission results, for each of the parallel & perpendicular orientations.

6.2.1 Test Setup Configuration

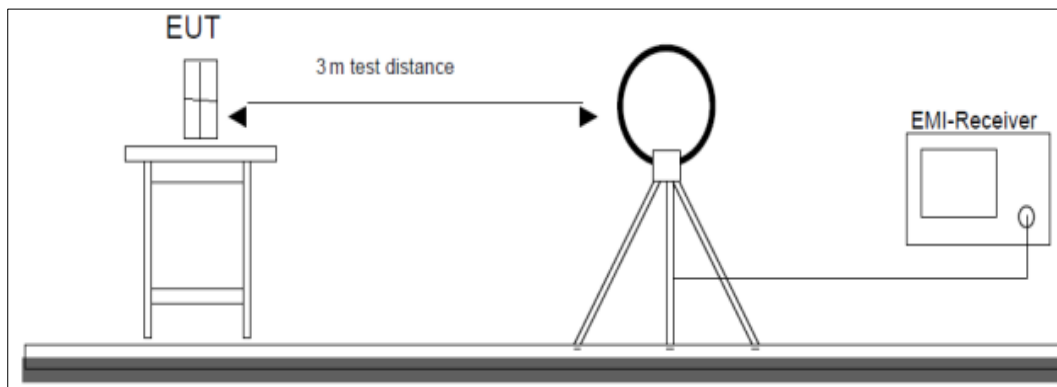


Figure 1: Frequency Range 9 kHz- 30 MHz

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Frequency Range 30MHz to 10th harmonics of the highest fundamental frequency

Test performed as per ANSI C63.26-2015

Radiated spurious emission test are performed as below.

All the radiated emission measurements are performed in accordance with common requirement specified in 5.5.2 and Pre-test site path loss correction factors are used to adjust the EUT emission data in place of two step substitution method (as defined in Annex B of ANSI C63.26-2015).

The equipment under test is placed on non-conductive table at 3m away from the receive antenna in accordance with above mentioned standard. Turn table is rotated through 360 degree, and receiver antenna height is varied in order to determine the level of maximum emission. The maximum emission level and position of the maximized emission is recorded with use of spectrum analyzer.

Using pre-test site path loss to determine EUT emission power:

- 1) EUT emission powers are calculated using the following equation:

$$\text{Emission Power} = \text{EUT}_{\text{Prec}} [\text{dBm EIRP/ ERP}] + \text{P}_L [\text{dB}]$$

where

EUT_{Prec} = power of the emission measured at the test receiver during EUT measurements.

P_L = path loss determined on the frequency of the EUT emission or calculated using linear interpolation between site characterization frequencies.

- 2) This is the level to be compared against the regulatory limit as it is the emission power referenced back to the EUT on the test site.

Test site-up for radiated measurements

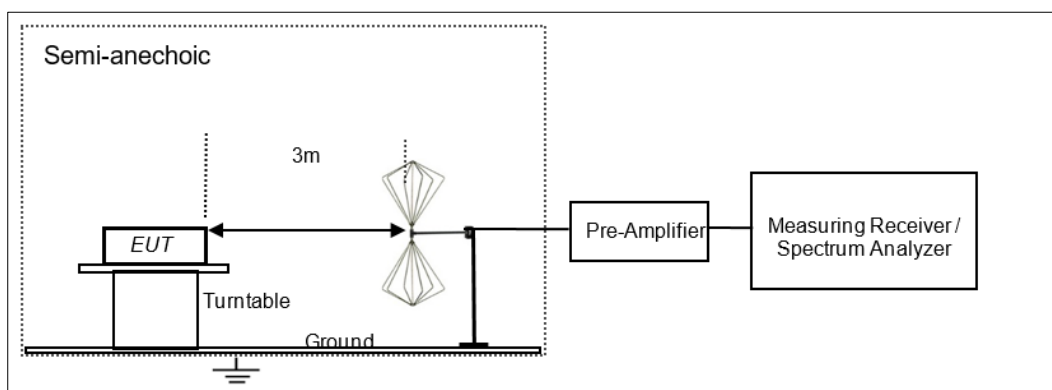


Figure 2: Frequency Range 30 MHz – 200 MHz

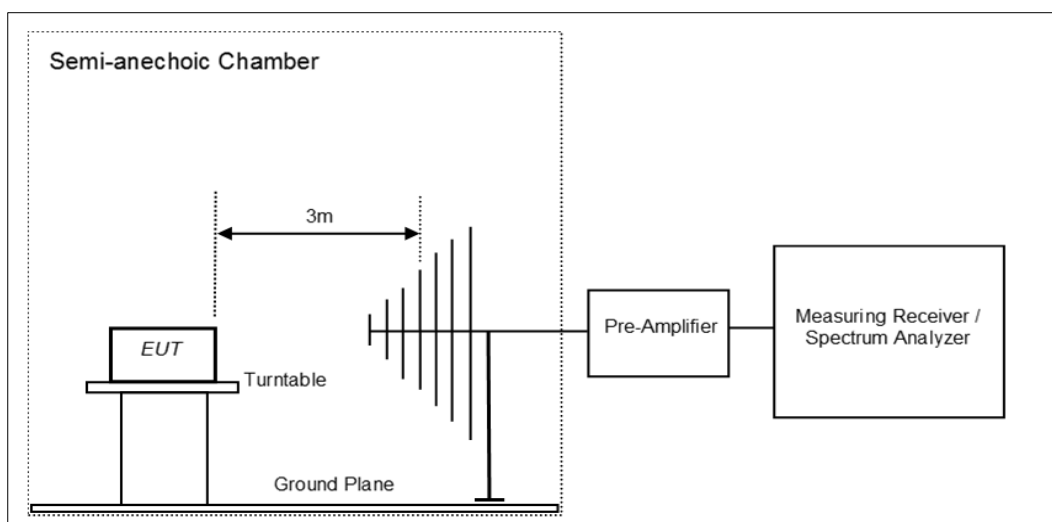


Figure 3: Frequency Range 200 MHz - 1GHz

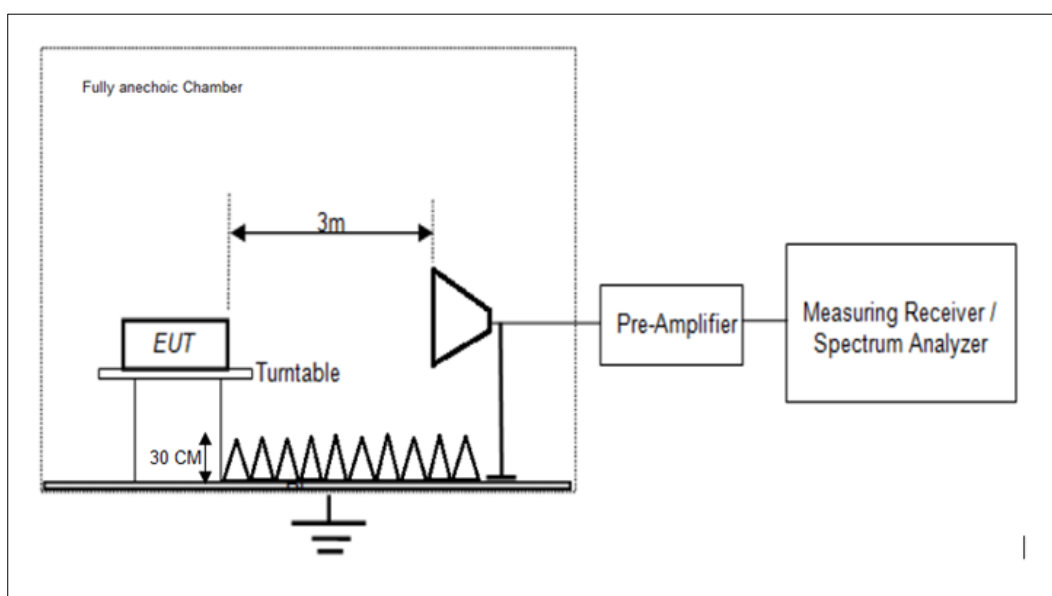
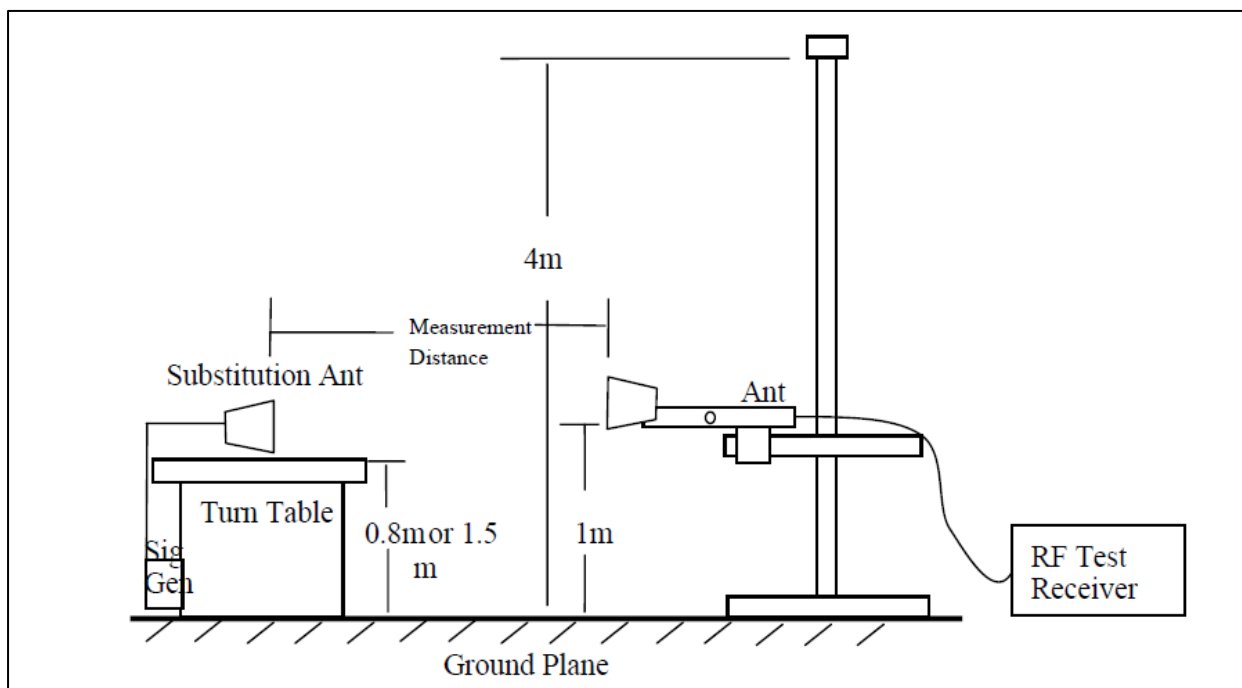


Figure 4: Frequency Range above 1 GHz

Substitution method set-up for radiated emission



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7 TEST RESULTS

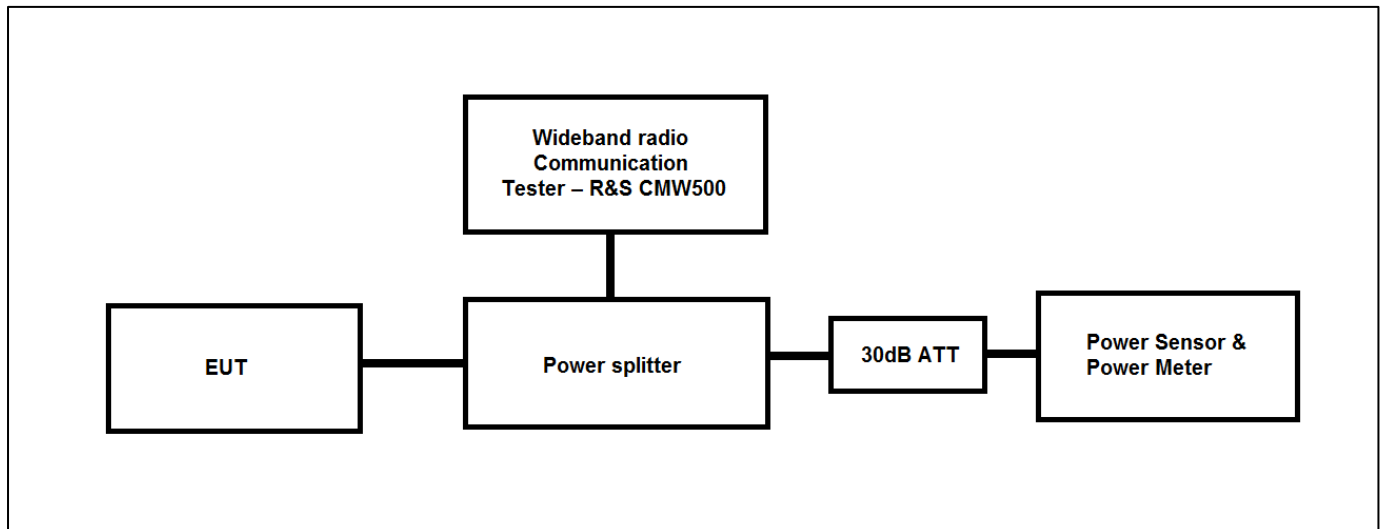
7.1 PEAK – Average Ratio

Result

Pass

Specification	FCC Part §2.1046 & §24.232 RSS-133, §5.5 ANSI C63.26-2015
Test Method / Procedure	As per subclause 5 in 971168 D01 Power Meas License Digital Systems v03r01
Detector Function	Peak/Average
Requirement	PAPR ≤ 13dB

Test Setup:



Environmental Conditions:

Temperature: +22.5°C

Voltage: 110VAC through mains

Relative Humidity: 62%

KDB Guidelines applied:

Measurements were made as per section 5.2.4 in KDB 971168 D01 Power Meas License Digital Systems v03r01

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Test results:

Note:

1. All the losses are included during measurement and final values are mentioned in the test report.
2. Total Average Output power (dBm) = Measured Average power (dBm) + Attenuator factor (30dB) + Power Splitter (6 dB) + Cable loss (1dB)
3. PAPR (dB) = Measured Peak Power(dBm) – Measured Average Power(dBm)

PAPR Test Results

Band	Bandwidth	Modulation	Channel No	RB Position & RB Allocation	Peak Output Power (dBm)	Conducted Average Output Power (dBm)	PAPR (dB)	Limit (dB)
Band2	1.4MHz	QPSK	18607	1RB#0	27.41	22.40	5.01	13.00
			18607	1RB#2	27.46	22.56	4.90	13.00
			18607	1RB#5	27.35	22.35	5.00	13.00
			18607	3RB#1	27.85	22.63	5.22	13.00
			18607	3RB#0	27.80	22.59	5.21	13.00
			18607	3RB#3	27.87	22.69	5.18	13.00
			18607	6RB#0	27.16	21.69	5.47	13.00
			18900	1RB#5	27.21	22.23	4.98	13.00
			18900	1RB#0	27.24	22.36	4.88	13.00
			18900	1RB#2	27.22	22.30	4.92	13.00
			18900	3RB#0	27.71	22.39	5.32	13.00
			18900	3RB#1	27.55	22.32	5.23	13.00
			18900	3RB#3	27.61	22.40	5.21	13.00
			18900	6RB#0	26.98	21.37	5.61	13.00
			19193	1RB#2	27.36	22.70	4.66	13.00
			19193	1RB#5	27.19	22.59	4.60	13.00
			19193	1RB#0	26.96	22.30	4.66	13.00
			19193	3RB#0	27.76	22.78	4.98	13.00
			19193	3RB#3	27.63	22.86	4.77	13.00
			19193	3RB#1	27.61	22.82	4.79	13.00
			19193	6RB#0	27.31	21.93	5.38	13.00
		16QAM	18607	1RB#2	27.09	21.20	5.89	13.00
			18607	1RB#5	27.82	22.01	5.81	13.00
			18607	1RB#0	27.66	21.80	5.86	13.00
			18607	3RB#0	27.74	21.72	6.02	13.00
			18607	3RB#1	27.62	21.70	5.92	13.00
			18607	3RB#0	27.70	21.79	5.91	13.00
			18607	3RB#1	27.82	21.80	6.02	13.00
			18607	3RB#3	27.70	21.90	5.80	13.00
			18607	6RB#0	27.27	20.75	6.52	13.00
			18900	1RB#5	27.24	21.79	5.45	13.00
			18900	1RB#0	27.39	21.96	5.43	13.00
			18900	1RB#2	27.22	21.91	5.31	13.00
			18900	3RB#3	27.48	21.27	6.21	13.00
			18900	3RB#1	27.38	21.23	6.15	13.00
			18900	3RB#0	27.51	21.25	6.26	13.00
			18900	6RB#0	26.54	20.35	6.19	13.00
			19193	1RB#2	27.29	21.85	5.44	13.00
			19193	1RB#5	27.27	21.83	5.44	13.00
			19193	1RB#0	27.01	21.71	5.30	13.00
			19193	3RB#3	27.67	21.94	5.73	13.00
			19193	3RB#1	27.51	21.99	5.52	13.00
			19193	3RB#0	27.59	22.01	5.58	13.00
			19193	6RB#0	27.33	20.97	6.36	13.00

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Band2	3MHz	QPSK	18615	1RB#14	27.24	21.74	5.50	13.00
			18615	1RB#0	27.42	22.42	5.00	13.00
			18615	1RB#8	27.23	22.41	4.82	13.00
			18615	8RB#7	27.07	21.67	5.40	13.00
			18615	8RB#4	27.07	21.64	5.43	13.00
			18615	8RB#0	27.08	21.64	5.44	13.00
			18615	15RB#0	27.31	21.71	5.60	13.00
			18900	1RB#14	27.34	22.41	4.93	13.00
			18900	1RB#8	27.15	22.33	4.82	13.00
			18900	1RB#0	27.26	22.36	4.90	13.00
			18900	8RB#7	26.64	21.30	5.34	13.00
			18900	8RB#0	26.61	21.29	5.32	13.00
			18900	8RB#4	26.54	21.23	5.31	13.00
			18900	15RB#0	27.23	21.23	6.00	13.00
			19185	1RB#14	27.22	22.46	4.76	13.00
			19185	1RB#8	27.19	22.44	4.75	13.00
			19185	1RB#0	27.25	22.72	4.53	13.00
			19185	8RB#4	27.01	22.28	4.73	13.00
			19185	8RB#0	27.13	21.92	5.21	13.00
			19185	8RB#7	27.05	21.89	5.16	13.00
			19185	15RB#0	27.42	21.84	5.58	13.00
	3MHz	16QAM	18615	1RB#8	27.44	22.12	5.32	13.00
			18615	1RB#14	27.48	22.10	5.38	13.00
			18615	1RB#0	27.35	22.16	5.19	13.00
			18615	8RB#0	26.83	20.63	6.20	13.00
			18615	8RB#7	26.91	20.69	6.22	13.00
			18615	8RB#4	26.89	20.69	6.20	13.00
			18615	15RB#0	27.27	20.68	6.59	13.00
			18900	1RB#8	26.91	21.16	5.75	13.00
			18900	1RB#14	26.77	21.11	5.66	13.00
			18900	1RB#0	26.86	21.17	5.69	13.00
			18900	8RB#4	26.20	20.29	5.91	13.00
			18900	8RB#0	26.18	20.22	5.96	13.00
			18900	8RB#7	26.25	20.25	6.00	13.00
			18900	15RB#0	26.99	20.39	6.60	13.00
			19185	1RB#14	27.42	22.23	5.19	13.00
			19185	1RB#0	27.14	22.10	5.04	13.00
			19185	1RB#8	27.24	22.07	5.17	13.00
			19185	8RB#0	26.90	21.09	5.81	13.00
			19185	8RB#7	27.01	21.08	5.93	13.00
			19185	8RB#4	27.00	21.26	5.74	13.00
			19185	15RB#0	27.07	21.08	5.99	13.00

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Band2	5MHz	QPSK	18625	1RB#24	27.46	22.59	4.87	13.00
			18625	1RB#12	27.52	22.70	4.82	13.00
			18625	1RB#0	27.22	22.28	4.94	13.00
			18625	12RB#6	27.04	21.73	5.31	13.00
			18625	12RB#0	26.99	21.61	5.38	13.00
			18625	12RB#13	27.00	21.61	5.39	13.00
			18625	25RB#0	27.55	21.73	5.82	13.00
			18900	1RB#24	27.31	22.35	4.96	13.00
			18900	1RB#0	27.22	22.41	4.81	13.00
			18900	1RB#12	27.36	22.45	4.91	13.00
			18900	12RB#6	26.57	21.31	5.26	13.00
			18900	12RB#0	26.52	21.32	5.20	13.00
			18900	12RB#13	26.50	21.33	5.17	13.00
			18900	25RB#0	27.09	21.34	5.75	13.00
			19175	1RB#0	27.50	22.63	4.87	13.00
			19175	1RB#12	27.08	22.50	4.58	13.00
			19175	1RB#24	27.12	22.44	4.68	13.00
			19175	12RB#0	26.99	21.86	5.13	13.00
			19175	12RB#6	26.77	21.77	5.00	13.00
			19175	12RB#13	26.77	21.78	4.99	13.00
			19175	25RB#0	27.44	21.83	5.61	13.00
	5MHz	16QAM	18625	1RB#0	27.12	21.50	5.62	13.00
			18625	1RB#12	27.09	21.55	5.54	13.00
			18625	1RB#24	27.63	21.95	5.68	13.00
			18625	12RB#13	26.87	20.54	6.33	13.00
			18625	12RB#0	26.50	20.42	6.08	13.00
			18625	12RB#6	26.64	20.41	6.23	13.00
			18625	25RB#0	27.53	20.67	6.86	13.00
			18900	1RB#0	26.84	20.99	5.85	13.00
			18900	1RB#12	26.81	21.06	5.75	13.00
			18900	1RB#24	27.09	21.24	5.85	13.00
			18900	12RB#0	26.46	20.27	6.19	13.00
			18900	12RB#13	26.59	20.38	6.21	13.00
			18900	12RB#6	26.58	20.39	6.19	13.00
			18900	25RB#0	27.04	20.44	6.60	13.00
			19175	1RB#0	26.73	21.11	5.62	13.00
			19175	1RB#24	26.68	21.24	5.44	13.00
			19175	1RB#12	26.69	21.18	5.51	13.00
			19175	12RB#0	27.01	20.80	6.21	13.00
			19175	12RB#6	27.02	20.96	6.06	13.00
			19175	12RB#13	26.94	20.88	6.06	13.00
			19175	25RB#0	27.49	21.06	6.43	13.00

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Band2	10MHz	QPSK	18650	1RB#0	27.42	22.48	4.94	13.00
			18650	1RB#24	27.48	22.58	4.90	13.00
			18650	1RB#49	27.56	22.65	4.91	13.00
			18650	25RB#12	27.22	21.81	5.41	13.00
			18650	25RB#0	27.23	21.83	5.40	13.00
			18650	25RB#25	27.24	21.82	5.42	13.00
			18650	50RB#0	28.01	21.77	6.24	13.00
			18900	1RB#49	27.45	22.55	4.90	13.00
			18900	1RB#0	27.49	22.62	4.87	13.00
			18900	1RB#24	27.30	22.38	4.92	13.00
			18900	25RB#0	26.71	21.36	5.35	13.00
			18900	25RB#12	26.62	21.33	5.29	13.00
			18900	25RB#25	26.71	21.35	5.36	13.00
			18900	50RB#0	26.89	21.32	5.57	13.00
			19150	1RB#24	27.78	22.90	4.88	13.00
			19150	1RB#49	27.60	22.82	4.78	13.00
			19150	1RB#0	27.53	22.97	4.56	13.00
			19150	25RB#0	27.34	21.85	5.49	13.00
			19150	25RB#25	27.02	21.84	5.18	13.00
			19150	25RB#12	27.01	21.86	5.15	13.00
			19150	50RB#0	27.84	21.85	5.99	13.00
	10MHz	16QAM	18650	1RB#24	27.58	22.26	5.32	13.00
			18650	1RB#49	27.75	22.27	5.48	13.00
			18650	1RB#0	27.60	22.23	5.37	13.00
			18650	25RB#0	27.23	20.83	6.40	13.00
			18650	25RB#12	27.13	20.75	6.38	13.00
			18650	25RB#25	27.12	20.76	6.36	13.00
			18650	50RB#0	27.72	20.72	7.00	13.00
			18900	1RB#49	26.91	21.11	5.80	13.00
			18900	1RB#0	27.07	21.31	5.76	13.00
			18900	1RB#24	27.09	21.38	5.71	13.00
			18900	25RB#25	26.86	20.61	6.25	13.00
			18900	25RB#12	26.70	20.58	6.12	13.00
			18900	25RB#0	26.92	20.63	6.29	13.00
			18900	50RB#0	26.91	20.38	6.53	13.00
			19150	1RB#24	27.60	22.29	5.31	13.00
			19150	1RB#49	28.24	23.11	5.13	13.00
			19150	1RB#0	27.50	22.42	5.08	13.00
			19150	25RB#25	27.34	21.03	6.31	13.00
			19150	25RB#12	27.15	21.08	6.07	13.00
			19150	25RB#0	27.24	20.81	6.43	13.00
			19150	50RB#0	28.02	20.97	7.05	13.00

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Band2	15MHz	QPSK	18675	1RB#74	27.50	22.81	4.69	13.00
			18675	1RB#0	27.30	22.62	4.68	13.00
			18675	1RB#38	27.14	22.38	4.76	13.00
			18675	36RB#39	27.15	21.80	5.35	13.00
			18675	36RB#18	26.99	21.61	5.38	13.00
			18675	36RB#0	27.16	21.79	5.37	13.00
			18675	75RB#0	27.58	21.73	5.85	13.00
			18900	1RB#74	27.32	22.42	4.90	13.00
			18900	1RB#38	27.36	22.42	4.94	13.00
			18900	1RB#0	27.32	22.41	4.91	13.00
			18900	36RB#0	26.87	21.53	5.34	13.00
			18900	36RB#39	26.79	21.43	5.36	13.00
			18900	36RB#18	26.79	21.44	5.35	13.00
			18900	75RB#0	27.14	21.32	5.82	13.00
			19125	1RB#74	27.49	22.64	4.85	13.00
			19125	1RB#38	27.70	22.87	4.83	13.00
			19125	1RB#0	27.47	22.61	4.86	13.00
			19125	36RB#18	27.14	21.72	5.42	13.00
			19125	36RB#0	27.12	22.00	5.12	13.00
			19125	36RB#39	27.16	21.94	5.22	13.00
			19125	75RB#0	27.77	21.83	5.94	13.00
	15MHz	16QAM	18675	1RB#0	26.94	21.48	5.46	13.00
			18675	1RB#74	27.08	21.70	5.38	13.00
			18675	1RB#38	27.16	21.77	5.39	13.00
			18675	36RB#0	27.05	20.68	6.37	13.00
			18675	36RB#39	26.86	20.51	6.35	13.00
			18675	36RB#18	26.91	20.61	6.30	13.00
			18675	75RB#0	27.42	20.68	6.74	13.00
			18900	1RB#38	27.19	21.81	5.38	13.00
			18900	1RB#74	27.20	21.87	5.33	13.00
			18900	1RB#0	27.22	21.84	5.38	13.00
			18900	36RB#18	26.85	20.58	6.27	13.00
			18900	36RB#0	26.84	20.49	6.35	13.00
			18900	36RB#39	27.13	20.47	6.66	13.00
			18900	75RB#0	27.25	20.48	6.77	13.00
			19125	1RB#74	27.57	22.28	5.29	13.00
			19125	1RB#0	27.61	22.45	5.16	13.00
			19125	1RB#38	27.31	22.26	5.05	13.00
			19125	36RB#0	27.34	21.02	6.32	13.00
			19125	36RB#39	27.18	20.99	6.19	13.00
			19125	36RB#18	27.11	20.91	6.20	13.00
			19125	75RB#0	27.60	20.86	6.74	13.00

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Band2	20MHz	QPSK	18700	1RB#99	27.46	22.53	4.93	13.00
			18700	1RB#49	27.77	22.83	4.94	13.00
			18700	1RB#0	27.28	22.31	4.97	13.00
			18700	50RB#25	27.23	21.78	5.45	13.00
			18700	50RB#0	27.02	21.58	5.44	13.00
			18700	50RB#50	27.05	21.57	5.48	13.00
			18700	100RB#0	27.89	21.68	6.21	13.00
			18900	1RB#99	27.47	22.58	4.89	13.00
			18900	1RB#0	27.55	22.71	4.84	13.00
			18900	1RB#49	27.41	22.48	4.93	13.00
			18900	50RB#25	26.98	21.57	5.41	13.00
			18900	50RB#0	26.91	21.51	5.40	13.00
			18900	50RB#50	27.03	21.59	5.44	13.00
			18900	100RB#0	27.08	21.59	5.49	13.00
			19100	1RB#0	27.41	22.63	4.78	13.00
			19100	1RB#49	27.93	23.33	4.60	13.00
			19100	1RB#99	27.08	22.60	4.48	13.00
			19100	50RB#0	27.26	21.91	5.35	13.00
			19100	50RB#25	27.15	22.00	5.15	13.00
			19100	50RB#50	27.11	22.00	5.11	13.00
			19100	100RB#0	27.91	21.83	6.08	13.00
		16QAM	18700	1RB#0	27.90	22.67	5.23	13.00
			18700	1RB#49	28.57	23.04	5.53	13.00
			18700	1RB#99	27.74	22.40	5.34	13.00
			18700	50RB#50	27.31	20.90	6.41	13.00
			18700	50RB#0	26.93	20.65	6.28	13.00
			18700	50RB#25	27.04	20.68	6.36	13.00
			18700	100RB#0	27.61	20.85	6.76	13.00
			18900	1RB#0	27.47	21.86	5.61	13.00
			18900	1RB#49	27.93	22.41	5.52	13.00
			18900	1RB#99	27.44	21.90	5.54	13.00
			18900	50RB#0	27.27	20.88	6.39	13.00
			18900	50RB#50	27.58	20.57	7.01	13.00
			18900	50RB#25	26.97	20.60	6.37	13.00
			18900	100RB#0	27.52	20.60	6.92	13.00
			19100	1RB#0	27.31	21.74	5.57	13.00
			19100	1RB#99	27.50	22.02	5.48	13.00
			19100	1RB#49	26.95	21.60	5.35	13.00
			19100	50RB#0	27.33	20.96	6.37	13.00
			19100	50RB#25	27.14	20.98	6.16	13.00
			19100	50RB#50	27.15	20.99	6.16	13.00
			19100	100RB#0	27.48	20.84	6.64	13.00

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Band25	1.4MHz	QPSK	26047	1RB#0	27.55	22.57	4.98	13.00
			26047	1RB#2	27.48	22.55	4.93	13.00
			26047	1RB#5	27.52	22.70	4.82	13.00
			26047	3RB#1	27.63	22.56	5.07	13.00
			26047	3RB#0	27.64	22.62	5.02	13.00
			26047	3RB#3	27.62	22.60	5.02	13.00
			26047	6RB#0	27.23	21.56	5.67	13.00
			26365	1RB#5	27.25	22.38	4.87	13.00
			26365	1RB#0	27.22	22.37	4.85	13.00
			26365	1RB#2	27.44	22.64	4.80	13.00
			26365	3RB#0	27.24	22.39	4.85	13.00
			26365	3RB#1	27.77	22.60	5.17	13.00
			26365	3RB#3	27.64	22.51	5.13	13.00
			26365	6RB#0	27.16	21.52	5.64	13.00
			26683	1RB#2	26.89	22.50	4.39	13.00
			26683	1RB#5	26.66	22.51	4.15	13.00
			26683	1RB#0	26.46	22.41	4.05	13.00
			26683	3RB#0	26.97	22.48	4.49	13.00
			26683	3RB#3	26.66	22.42	4.24	13.00
			26683	3RB#1	26.65	22.42	4.23	13.00
			26683	6RB#0	26.71	21.68	5.03	13.00
		16QAM	26047	1RB#2	27.32	22.41	4.91	13.00
			26047	1RB#5	27.39	22.56	4.83	13.00
			26047	1RB#0	27.32	22.42	4.90	13.00
			26047	3RB#0	27.66	22.51	5.15	13.00
			26047	3RB#1	27.70	22.69	5.01	13.00
			26047	3RB#3	27.68	22.75	4.93	13.00
			26047	6RB#0	27.11	21.64	5.47	13.00
			26365	1RB#5	27.16	21.12	6.04	13.00
			26365	1RB#0	27.09	21.38	5.71	13.00
			26365	1RB#2	26.87	21.12	5.75	13.00
			26365	3RB#3	27.44	21.49	5.95	13.00
			26365	3RB#1	27.36	21.50	5.86	13.00
			26365	3RB#0	27.35	21.45	5.90	13.00
			26365	6RB#0	27.01	20.52	6.49	13.00
			26683	1RB#2	26.72	21.12	5.60	13.00
			26683	1RB#5	26.64	21.86	4.78	13.00
			26683	1RB#0	26.90	21.61	5.29	13.00
			26683	3RB#3	27.08	21.52	5.56	13.00
			26683	3RB#1	27.00	21.64	5.36	13.00
			26683	3RB#0	26.98	21.63	5.35	13.00
			26683	6RB#0	27.00	20.69	6.31	13.00

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Band 25	3MHz	QPSK	26055	1RB#14	27.35	20.76	6.59	13.00
			26055	1RB#0	27.43	22.52	4.91	13.00
			26055	1RB#8	27.58	22.61	4.97	13.00
			26055	8RB#7	26.78	21.61	5.17	13.00
			26055	8RB#4	26.94	21.68	5.26	13.00
			26055	8RB#0	26.88	21.67	5.21	13.00
			26055	15RB#0	27.34	21.63	5.71	13.00
			26365	1RB#14	27.26	22.45	4.81	13.00
			26365	1RB#8	27.05	22.28	4.77	13.00
			26365	1RB#0	27.16	22.22	4.94	13.00
			26365	8RB#7	26.57	21.37	5.20	13.00
			26365	8RB#0	26.69	21.41	5.28	13.00
			26365	8RB#4	26.67	21.38	5.29	13.00
			26365	15RB#0	26.96	21.40	5.56	13.00
			26675	1RB#14	26.94	22.28	4.66	13.00
			26675	1RB#8	26.94	22.51	4.43	13.00
			26675	1RB#0	26.88	22.67	4.21	13.00
			26675	8RB#4	26.91	21.83	5.08	13.00
			26675	8RB#0	26.92	21.82	5.10	13.00
			26675	8RB#7	26.74	21.70	5.04	13.00
			26675	15RB#0	27.09	21.67	5.42	13.00
		16QAM	26055	1RB#8	27.41	22.01	5.40	13.00
			26055	1RB#14	27.47	22.20	5.27	13.00
			26055	1RB#0	27.57	22.10	5.47	13.00
			26055	8RB#0	27.05	20.91	6.14	13.00
			26055	8RB#7	27.08	20.93	6.15	13.00
			26055	8RB#4	27.01	20.97	6.04	13.00
			26055	15RB#0	27.26	20.95	6.31	13.00
			26365	1RB#8	26.98	21.24	5.74	13.00
			26365	1RB#14	26.82	21.18	5.64	13.00
			26365	1RB#0	26.83	21.11	5.72	13.00
			26365	8RB#4	26.36	20.42	5.94	13.00
			26365	8RB#0	26.43	20.39	6.04	13.00
			26365	8RB#7	26.46	20.40	6.06	13.00
			26365	15RB#0	26.99	21.65	5.34	13.00
			26675	1RB#14	27.13	22.16	4.97	13.00
			26675	1RB#0	26.86	22.05	4.81	13.00
			26675	1RB#8	26.66	21.93	4.73	13.00
			26675	8RB#0	27.07	20.98	6.09	13.00
			26675	8RB#7	26.93	21.05	5.88	13.00
			26675	8RB#4	26.92	21.05	5.87	13.00
			26675	15RB#0	27.15	20.91	6.24	13.00

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Band	Bandwidth	Modulation	Channel No	RB Position & RB Allocation	Measured peak Power (dBm)	Measured Average Power (dBm)	PAPR (dB)	Limit (dB)
Band 25	5MHz	QPSK	26065	1RB#24	27.24	22.33	4.91	13.00
			26065	1RB#12	27.34	22.54	4.80	13.00
			26065	1RB#0	27.38	22.43	4.95	13.00
			26065	12RB#6	27.07	21.66	5.41	13.00
			26065	12RB#0	27.84	21.63	6.21	13.00
			26065	12RB#13	26.85	21.65	5.20	13.00
			26065	25RB#0	27.33	21.63	5.70	13.00
			26365	1RB#24	27.13	22.30	4.83	13.00
			26365	1RB#0	27.23	22.48	4.75	13.00
			26365	1RB#12	26.99	22.12	4.87	13.00
			26365	12RB#6	26.69	21.37	5.32	13.00
			26365	12RB#0	26.65	21.41	5.24	13.00
			26365	12RB#13	26.72	21.42	5.30	13.00
			26365	25RB#0	27.15	21.38	5.77	13.00
			26665	1RB#0	27.08	22.52	4.56	13.00
			26665	1RB#12	27.05	22.63	4.42	13.00
			26665	1RB#24	26.90	22.67	4.23	13.00
			26665	12RB#0	26.85	21.77	5.08	13.00
			26665	12RB#6	26.67	21.68	4.99	13.00
			26665	12RB#13	26.64	21.67	4.97	13.00
			26665	25RB#0	27.40	21.78	5.62	13.00
		16QAM	26065	1RB#0	26.91	20.92	5.99	13.00
			26065	1RB#12	26.48	21.02	5.46	13.00
			26065	1RB#24	26.51	20.89	5.62	13.00
			26065	12RB#13	26.90	20.63	6.27	13.00
			26065	12RB#0	26.91	20.68	6.23	13.00
			26065	12RB#6	26.97	20.70	6.27	13.00
			26065	25RB#0	27.08	20.72	6.36	13.00
			26365	1RB#0	27.37	21.80	5.57	13.00
			26365	1RB#12	27.30	21.83	5.47	13.00
			26365	1RB#24	27.41	21.38	6.03	13.00
			26365	12RB#0	26.61	20.37	6.24	13.00
			26365	12RB#13	26.54	20.36	6.18	13.00
			26365	12RB#6	27.40	20.31	7.09	13.00
			26365	25RB#0	27.21	20.20	7.01	13.00
			26665	1RB#0	27.04	21.51	5.53	13.00
			26665	1RB#24	26.93	21.45	5.48	13.00
			26665	1RB#12	26.96	21.52	5.44	13.00
			26665	12RB#0	26.99	20.84	6.15	13.00
			26665	12RB#6	26.65	20.58	6.07	13.00
			26665	12RB#13	26.67	20.75	5.92	13.00
			26665	25RB#0	27.28	20.93	6.35	13.00

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Band	Bandwidth	Modulation	Channel No	RB Position & RB Allocation	Measured peak Power (dBm)	Measured Average Power (dBm)	PAPR (dB)	Limit (dB)
Band 25	10MHz	QPSK	26090	1RB#0	27.34	22.42	4.92	13.00
			26090	1RB#24	27.53	22.61	4.92	13.00
			26090	1RB#49	27.53	22.69	4.84	13.00
			26090	25RB#12	27.09	21.74	5.35	13.00
			26090	25RB#0	27.01	21.66	5.35	13.00
			26090	25RB#25	26.97	21.71	5.26	13.00
			26090	50RB#0	27.92	21.74	6.18	13.00
			26365	1RB#49	27.25	22.38	4.87	13.00
			26365	1RB#0	27.58	22.68	4.90	13.00
			26365	1RB#24	27.34	22.51	4.83	13.00
			26365	25RB#0	26.81	21.39	5.42	13.00
			26365	25RB#12	26.91	21.48	5.43	13.00
			26365	25RB#25	26.83	21.48	5.35	13.00
			26365	50RB#0	27.64	21.44	6.20	13.00
			26640	1RB#24	27.03	22.26	4.77	13.00
			26640	1RB#49	27.14	22.60	4.54	13.00
			26640	1RB#0	26.57	21.99	4.58	13.00
			26640	25RB#0	27.00	21.80	5.20	13.00
			26640	25RB#25	26.85	21.81	5.04	13.00
			26640	25RB#12	26.87	21.88	4.99	13.00
			26640	50RB#0	27.53	21.86	5.67	13.00
		16QAM	26090	1RB#24	27.44	22.12	5.32	13.00
			26090	1RB#49	27.44	22.17	5.27	13.00
			26090	1RB#0	27.63	22.25	5.38	13.00
			26090	25RB#0	26.91	20.56	6.35	13.00
			26090	25RB#12	26.86	20.57	6.29	13.00
			26090	25RB#25	26.90	20.58	6.32	13.00
			26090	50RB#0	27.51	20.70	6.81	13.00
			26365	1RB#49	27.03	21.24	5.79	13.00
			26365	1RB#0	27.05	21.32	5.73	13.00
			26365	1RB#24	27.16	21.48	5.68	13.00
			26365	25RB#25	26.90	20.58	6.32	13.00
			26365	25RB#12	26.88	20.68	6.20	13.00
			26365	25RB#0	26.87	20.67	6.20	13.00
			26365	50RB#0	26.94	20.37	6.57	13.00
			26640	1RB#24	27.41	22.17	5.24	13.00
			26640	1RB#49	27.21	22.20	5.01	13.00
			26640	1RB#0	26.67	21.63	5.04	13.00
			26640	25RB#25	26.94	20.97	5.97	13.00
			26640	25RB#12	26.96	21.03	5.93	13.00
			26640	25RB#0	26.97	20.84	6.13	13.00
			26640	50RB#0	27.38	20.95	6.43	13.00

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Band 25	15MHz	QPSK	26115	1RB#74	27.30	22.48	4.82	13.00
			26115	1RB#0	27.60	22.56	5.04	13.00
			26115	1RB#38	27.47	22.60	4.87	13.00
			26115	36RB#39	26.99	21.70	5.29	13.00
			26115	36RB#18	27.19	21.83	5.36	13.00
			26115	36RB#0	27.01	21.70	5.31	13.00
			26115	75RB#0	27.48	21.67	5.81	13.00
			26365	1RB#74	27.21	21.48	5.73	13.00
			26365	1RB#38	27.48	22.62	4.86	13.00
			26365	1RB#0	27.45	22.60	4.85	13.00
			26365	36RB#0	26.73	21.44	5.29	13.00
			26365	36RB#39	26.89	21.57	5.32	13.00
			26365	36RB#18	26.88	21.57	5.31	13.00
			26365	75RB#0	27.32	21.55	5.77	13.00
			26615	1RB#74	27.23	22.67	4.56	13.00
			26615	1RB#38	27.08	22.64	4.44	13.00
			26615	1RB#0	26.00	21.60	4.40	13.00
			26615	36RB#18	27.05	21.91	5.14	13.00
			26615	36RB#0	26.99	21.99	5.00	13.00
			26615	36RB#39	27.01	21.83	5.18	13.00
			26615	75RB#0	27.33	21.79	5.54	13.00
		16QAM	26115	1RB#0	27.56	22.29	5.27	13.00
			26115	1RB#74	27.46	22.14	5.32	13.00
			26115	1RB#38	27.42	22.30	5.12	13.00
			26115	36RB#0	27.06	20.78	6.28	13.00
			26115	36RB#39	27.14	20.83	6.31	13.00
			26115	36RB#18	27.19	20.83	6.36	13.00
			26115	75RB#0	27.60	20.82	6.78	13.00
			26365	1RB#38	27.14	21.78	5.36	13.00
			26365	1RB#74	27.20	21.92	5.28	13.00
			26365	1RB#0	27.40	22.10	5.30	13.00
			26365	36RB#18	26.74	20.47	6.27	13.00
			26365	36RB#0	26.97	20.73	6.24	13.00
			26365	36RB#39	27.07	20.71	6.36	13.00
			26365	75RB#0	27.29	20.59	6.70	13.00
			26615	1RB#74	27.36	22.09	5.27	13.00
			26615	1RB#0	27.10	22.07	5.03	13.00
			26615	1RB#38	26.20	21.11	5.09	13.00
			26615	36RB#0	27.09	20.84	6.25	13.00
			26615	36RB#39	27.04	20.93	6.11	13.00
			26615	36RB#18	27.02	21.08	5.94	13.00
			26615	75RB#0	27.39	20.86	6.53	13.00

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Band	Bandwidth	Modulation	Channel No	RB Position & RB Allocation	Measured peak Power (dBm)	Measured Average Power (dBm)	PAPR (dB)	Limit (dB)
Band 25	20MHz	QPSK	26140	1RB#99	27.49	22.67	4.82	13.00
			26140	1RB#49	27.76	22.96	4.80	13.00
			26140	1RB#0	27.41	22.57	4.84	13.00
			26140	50RB#25	27.05	21.67	5.38	13.00
			26140	50RB#0	27.04	21.65	5.39	13.00
			26140	50RB#50	27.03	21.64	5.39	13.00
			26140	100RB#0	27.77	21.60	6.17	13.00
			26365	1RB#99	27.33	22.36	4.97	13.00
			26365	1RB#0	27.43	22.63	4.80	13.00
			26365	1RB#49	27.29	22.37	4.92	13.00
			26365	50RB#25	26.75	21.43	5.32	13.00
			26365	50RB#0	27.02	21.61	5.41	13.00
			26365	50RB#50	26.88	21.58	5.30	13.00
			26365	100RB#0	26.66	21.42	5.24	13.00
			26590	1RB#0	27.52	22.67	4.85	13.00
			26590	1RB#49	27.65	22.93	4.72	13.00
			26590	1RB#99	26.25	21.54	4.71	13.00
			26590	50RB#0	27.40	21.85	5.55	13.00
			26590	50RB#25	27.04	21.87	5.17	13.00
			26590	50RB#50	27.07	21.86	5.21	13.00
			26590	100RB#0	27.30	21.76	5.54	13.00
		16QAM	26140	1RB#0	26.74	21.10	5.64	13.00
			26140	1RB#49	27.00	21.37	5.63	13.00
			26140	1RB#99	26.90	21.21	5.69	13.00
			26140	50RB#50	27.11	20.62	6.49	13.00
			26140	50RB#0	27.00	20.67	6.33	13.00
			26140	50RB#25	27.11	20.68	6.43	13.00
			26140	100RB#0	27.68	20.54	7.14	13.00
			26365	1RB#0	27.22	21.63	5.59	13.00
			26365	1RB#49	27.76	22.23	5.53	13.00
			26365	1RB#99	27.41	21.85	5.56	13.00
			26365	50RB#0	26.93	20.54	6.39	13.00
			26365	50RB#50	27.12	20.77	6.35	13.00
			26365	50RB#25	26.95	20.48	6.47	13.00
			26365	100RB#0	27.86	20.61	7.25	13.00
			26590	1RB#0	27.65	22.47	5.18	13.00
			26590	1RB#99	28.23	23.27	4.96	13.00
			26590	1RB#49	26.31	21.18	5.13	13.00
			26590	50RB#0	27.50	20.93	6.57	13.00
			26590	50RB#25	27.20	21.01	6.19	13.00
			26590	50RB#50	27.17	21.00	6.17	13.00
			26590	100RB#0	27.44	20.97	6.47	13.00

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Test Results for WCDMA Band 2:

Mode	Channel Frequency (MHz)	Measured Average Power (dBm)	Measured Peak Power (dBm)	PAPR (dB)	Limit PAPR (dB)
WCDMA	1852.40	22.82	27.93	5.11	13.00
	1880.00	22.41	28.03	5.62	13.00
	1907.60	22.81	28.46	5.65	13.00
HSDPA Subtest1	1852.40	23.86	29.18	5.32	13.00
	1880.00	23.72	29.15	5.43	13.00
	1907.60	23.07	28.38	5.31	13.00
HSDPA Subtest2	1852.40	22.15	26.59	4.44	13.00
	1880.00	21.66	25.33	3.67	13.00
	1907.60	21.96	26.38	4.42	13.00
HSDPA Subtest3	1852.40	21.70	26.24	4.54	13.00
	1880.00	21.61	25.72	4.11	13.00
	1907.60	20.89	27.32	6.43	13.00
HSDPA Subtest4	1852.40	22.24	27.67	5.43	13.00
	1880.00	22.28	27.4	5.12	13.00
	1907.60	21.32	27.45	6.13	13.00
HSUPA Subtest1	1852.40	21.93	26.48	4.55	13.00
	1880.00	22.70	29.47	6.77	13.00
	1907.60	22.37	26.59	4.22	13.00
HSUPA Subtest2	1852.40	21.56	28.19	6.63	13.00
	1880.00	21.22	30.54	9.32	13.00
	1907.60	20.74	25.28	4.54	13.00
HSUPA Subtest3	1852.40	21.61	28.93	7.32	13.00
	1880.00	21.65	26.97	5.32	13.00
	1907.60	21.75	28.28	6.53	13.00
HSUPA Subtest4	1852.40	22.12	28.78	6.66	13.00
	1880.00	21.17	29.88	8.71	13.00
	1907.60	21.14	26.49	5.35	13.00

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Test Results for GSM 1900MHz:

Mode	Frequency (MHz)	Measured Average power (dBm)	Measured Peak Power (dBm)	PAPR (dB)	Limit PAPR (dB)
GPRS (GMSK, 1-slot)	1850.20	30.53	32.66	2.13	13.00
	1880.00	30.51	33.64	3.13	13.00
	1909.80	29.8	32.33	2.53	13.00
GPRS (GMSK, 2-slot)	1850.20	30.16	34.38	4.22	13.00
	1880.00	29.54	34.1	4.56	13.00
	1909.80	30.49	36.16	5.67	13.00
GPRS (GMSK, 3-slot)	1850.20	28.03	32.24	4.21	13.00
	1880.00	27.87	34.59	6.72	13.00
	1909.80	28.11	35.84	7.73	13.00
GPRS (GMSK, 4-slot)	1850.20	26.46	32.13	5.67	13.00
	1880.00	26.67	34.99	8.32	13.00
	1909.80	26.66	34.43	7.77	13.00
EGPRS (8PSK, 1-slot)	1850.20	26.49	36.31	9.82	13.00
	1880.00	27.08	30.41	3.33	13.00
	1909.80	27.26	31.37	4.11	13.00
EGPRS (8PSK, 2-slot)	1850.20	26.27	34.15	7.88	13.00
	1880.00	26.12	35.34	9.22	13.00
	1909.80	25.49	35.48	9.99	13.00
EGPRS (8PSK, 3-slot)	1850.20	23.51	33.35	9.84	13.00
	1880.00	23.46	32.68	9.22	13.00
	1909.80	23.69	33.52	9.83	13.00
EGPRS (8PSK, 4-slot)	1850.20	22.66	32.29	9.63	13.00
	1880.00	22.24	32.22	9.98	13.00
	1909.80	22.8	32.14	9.34	13.00

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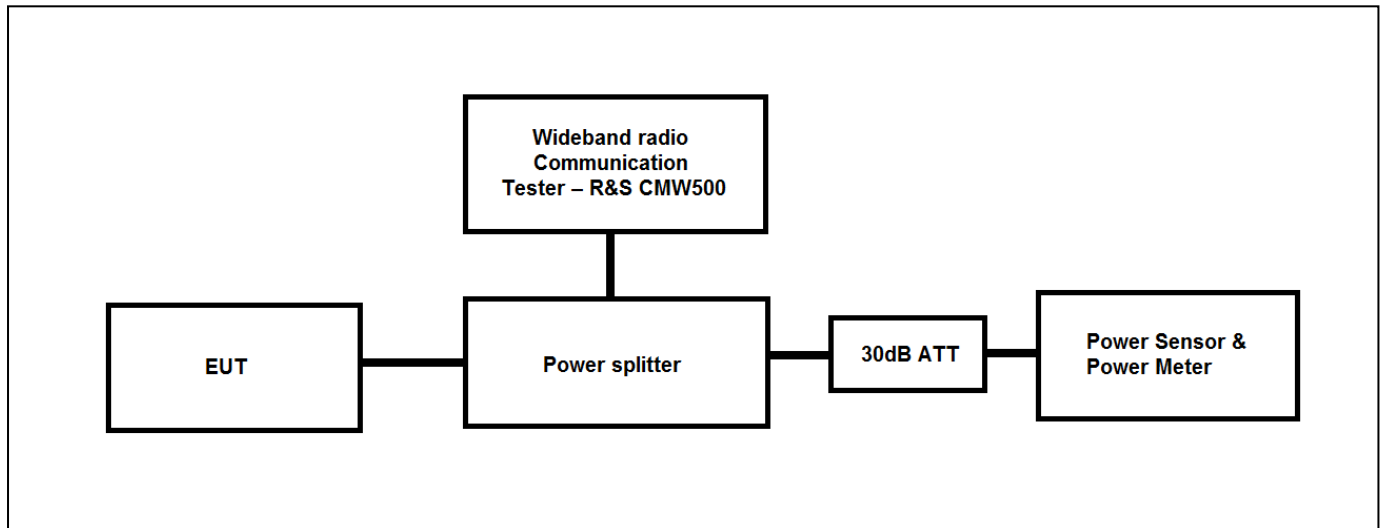
7.2 EFFECTIVE (ISOTROPIC) RADIATED POWER

Result

Pass

Specification	FCC Part §2.1046 & §24.232 RSS-Gen, §6.12, RSS-133, §5.5 ANSI C63.26-2015
Test Method / Procedure	As per subclause 5 in 971168 D01 Power Meas License Digital Systems v03r01
Detector Function	Average
Requirement	The EIRP of mobile transmitters and auxiliary test transmitters must not exceed 2 watts

Test Setup:



Environmental Conditions:

Temperature: +22.5°C

Voltage: 12VDC through AC-DC Adapter

Relative Humidity: 62%

KDB Guidelines applied:

Measurements were made as per section 5.2.4 in KDB 971168 D01 Power Meas License Digital Systems v03r01

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Test Results:

Note:

1. All the losses are included during measurement and final values are mentioned in the test report.
2. Total Average Output power (dBm) = Measured Average power (dBm) + Attenuator factor (30dB) + Power Splitter (3.3 dB) + Cable loss (1dB)
3. For getting the EIRP(Equivalent Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP (dBm) = Conducted power (dBm) + Antenna gain (dBd)

EIRP (dBm) = Conducted power (dBm) + Antenna gain (dBi)

Band	Bandwidth	Modulation	Channel No	RB Position & RB Allocation	Conducted Average Output Power (dBm)	EIRP (dBm)	limit (dBm)
Band2	1.4MHz	QPSK	18607	1RB#0	22.40	24.27	33.00
			18607	1RB#2	22.56	24.43	33.00
			18607	1RB#5	22.35	24.22	33.00
			18607	3RB#1	22.63	24.50	33.00
			18607	3RB#0	22.59	24.46	33.00
			18607	3RB#3	22.69	24.56	33.00
			18607	6RB#0	21.69	23.56	33.00
			18900	1RB#5	22.23	24.10	33.00
			18900	1RB#0	22.36	24.23	33.00
			18900	1RB#2	22.30	24.17	33.00
			18900	3RB#0	22.39	24.26	33.00
			18900	3RB#1	22.32	24.19	33.00
			18900	3RB#3	22.40	24.27	33.00
			18900	6RB#0	21.37	23.24	33.00
			19193	1RB#2	22.70	24.57	33.00
			19193	1RB#5	22.59	24.46	33.00
			19193	1RB#0	22.30	24.17	33.00
			19193	3RB#0	22.78	24.65	33.00
			19193	3RB#3	22.86	24.73	33.00
			19193	3RB#1	22.82	24.69	33.00
			19193	6RB#0	21.93	23.80	33.00
		16QAM	18607	1RB#2	21.20	23.07	33.00
			18607	1RB#5	22.01	23.88	33.00
			18607	1RB#0	21.80	23.67	33.00
			18607	3RB#0	21.72	23.59	33.00
			18607	3RB#1	21.70	23.57	33.00
			18607	3RB#0	21.79	23.66	33.00
			18607	3RB#1	21.80	23.67	33.00
			18607	3RB#3	21.90	23.77	33.00
			18607	6RB#0	20.75	22.62	33.00
			18900	1RB#5	21.79	23.66	33.00
			18900	1RB#0	21.96	23.83	33.00
			18900	1RB#2	21.91	23.78	33.00
			18900	3RB#3	21.27	23.14	33.00
			18900	3RB#1	21.23	23.10	33.00
			18900	3RB#0	21.25	23.12	33.00
			18900	6RB#0	20.35	22.22	33.00
			19193	1RB#2	21.85	23.72	33.00
			19193	1RB#5	21.83	23.70	33.00
			19193	1RB#0	21.71	23.58	33.00
			19193	3RB#3	21.94	23.81	33.00
			19193	3RB#1	21.99	23.86	33.00
			19193	3RB#0	22.01	23.88	33.00
			19193	6RB#0	20.97	22.84	33.00

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Band2	3MHz	QPSK	18615	1RB#14	21.74	23.61	33.00
			18615	1RB#0	22.42	24.29	33.00
			18615	1RB#8	22.41	24.28	33.00
			18615	8RB#7	21.67	23.54	33.00
			18615	8RB#4	21.64	23.51	33.00
			18615	8RB#0	21.64	23.51	33.00
			18615	15RB#0	21.71	23.58	33.00
			18900	1RB#14	22.41	24.28	33.00
			18900	1RB#8	22.33	24.20	33.00
			18900	1RB#0	22.36	24.23	33.00
			18900	8RB#7	21.30	23.17	33.00
			18900	8RB#0	21.29	23.16	33.00
			18900	8RB#4	21.23	23.10	33.00
			18900	15RB#0	21.23	23.10	33.00
			19185	1RB#14	22.46	24.33	33.00
			19185	1RB#8	22.44	24.31	33.00
			19185	1RB#0	22.72	24.59	33.00
			19185	8RB#4	22.28	24.15	33.00
			19185	8RB#0	21.92	23.79	33.00
			19185	8RB#7	21.89	23.76	33.00
			19185	15RB#0	21.84	23.71	33.00
	3MHz	16QAM	18615	1RB#8	22.12	23.99	33.00
			18615	1RB#14	22.10	23.97	33.00
			18615	1RB#0	22.16	24.03	33.00
			18615	8RB#0	20.63	22.50	33.00
			18615	8RB#7	20.69	22.56	33.00
			18615	8RB#4	20.69	22.56	33.00
			18615	15RB#0	20.68	22.55	33.00
			18900	1RB#8	21.16	23.03	33.00
			18900	1RB#14	21.11	22.98	33.00
			18900	1RB#0	21.17	23.04	33.00
			18900	8RB#4	20.29	22.16	33.00
			18900	8RB#0	20.22	22.09	33.00
			18900	8RB#7	20.25	22.12	33.00
			18900	15RB#0	20.39	22.26	33.00
			19185	1RB#14	22.23	24.10	33.00
			19185	1RB#0	22.10	23.97	33.00
			19185	1RB#8	22.07	23.94	33.00
			19185	8RB#0	21.09	22.96	33.00
			19185	8RB#7	21.08	22.95	33.00
			19185	8RB#4	21.26	23.13	33.00
			19185	15RB#0	21.08	22.95	33.00

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Band2	5MHz	QPSK	18625	1RB#24	22.59	24.46	33.00
			18625	1RB#12	22.70	24.57	33.00
			18625	1RB#0	22.28	24.15	33.00
			18625	12RB#6	21.73	23.60	33.00
			18625	12RB#0	21.61	23.48	33.00
			18625	12RB#13	21.61	23.48	33.00
			18625	25RB#0	21.73	23.60	33.00
			18900	1RB#24	22.35	24.22	33.00
			18900	1RB#0	22.41	24.28	33.00
			18900	1RB#12	22.45	24.32	33.00
			18900	12RB#6	21.31	23.18	33.00
			18900	12RB#0	21.32	23.19	33.00
			18900	12RB#13	21.33	23.20	33.00
			18900	25RB#0	21.34	23.21	33.00
			19175	1RB#0	22.63	24.50	33.00
			19175	1RB#12	22.50	24.37	33.00
			19175	1RB#24	22.44	24.31	33.00
			19175	12RB#0	21.86	23.73	33.00
			19175	12RB#6	21.77	23.64	33.00
			19175	12RB#13	21.78	23.65	33.00
			19175	25RB#0	21.83	23.70	33.00
	5MHz	16QAM	18625	1RB#0	21.50	23.37	33.00
			18625	1RB#12	21.55	23.42	33.00
			18625	1RB#24	21.95	23.82	33.00
			18625	12RB#13	20.54	22.41	33.00
			18625	12RB#0	20.42	22.29	33.00
			18625	12RB#6	20.41	22.28	33.00
			18625	25RB#0	20.67	22.54	33.00
			18900	1RB#0	20.99	22.86	33.00
			18900	1RB#12	21.06	22.93	33.00
			18900	1RB#24	21.24	23.11	33.00
			18900	12RB#0	20.27	22.14	33.00
			18900	12RB#13	21.59	23.46	33.00
			18900	12RB#6	20.39	22.26	33.00
			18900	25RB#0	20.44	22.31	33.00
			19175	1RB#0	21.11	22.98	33.00
			19175	1RB#24	21.24	23.11	33.00
			19175	1RB#12	21.18	23.05	33.00
			19175	12RB#0	20.80	22.67	33.00
			19175	12RB#6	20.96	22.83	33.00
			19175	12RB#13	20.88	22.75	33.00
			19175	25RB#0	21.06	22.93	33.00

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Band2	10MHz	QPSK	18650	1RB#0	22.48	24.35	33.00
			18650	1RB#24	22.58	24.45	33.00
			18650	1RB#49	22.65	24.52	33.00
			18650	25RB#12	21.81	23.68	33.00
			18650	25RB#0	21.83	23.70	33.00
			18650	25RB#25	21.82	23.69	33.00
			18650	50RB#0	21.77	23.64	33.00
			18900	1RB#49	22.55	24.42	33.00
			18900	1RB#0	22.62	24.49	33.00
			18900	1RB#24	22.38	24.25	33.00
			18900	25RB#0	21.36	23.23	33.00
			18900	25RB#12	21.33	23.20	33.00
			18900	25RB#25	21.35	23.22	33.00
			18900	50RB#0	21.32	23.19	33.00
			19150	1RB#24	22.90	24.77	33.00
			19150	1RB#49	22.82	24.69	33.00
			19150	1RB#0	22.97	24.84	33.00
			19150	25RB#0	21.85	23.72	33.00
			19150	25RB#25	21.84	23.71	33.00
			19150	25RB#12	21.86	23.73	33.00
			19150	50RB#0	21.85	23.72	33.00
	10MHz	16QAM	18650	1RB#24	22.26	24.13	33.00
			18650	1RB#49	22.27	24.14	33.00
			18650	1RB#0	22.23	24.10	33.00
			18650	25RB#0	20.83	22.70	33.00
			18650	25RB#12	20.75	22.62	33.00
			18650	25RB#25	20.76	22.63	33.00
			18650	50RB#0	20.72	22.59	33.00
			18900	1RB#49	21.11	22.98	33.00
			18900	1RB#0	21.31	23.18	33.00
			18900	1RB#24	21.38	23.25	33.00
			18900	25RB#25	20.61	22.48	33.00
			18900	25RB#12	20.58	22.45	33.00
			18900	25RB#0	20.63	22.50	33.00
			18900	50RB#0	20.38	22.25	33.00
			19150	1RB#24	22.29	24.16	33.00
			19150	1RB#49	23.11	24.98	33.00
			19150	1RB#0	22.42	24.29	33.00
			19150	25RB#25	21.03	22.90	33.00
			19150	25RB#12	21.08	22.95	33.00
			19150	25RB#0	20.81	22.68	33.00
			19150	50RB#0	20.97	22.84	33.00

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Band2	15MHz	QPSK	18675	1RB#74	22.81	24.68	33.00
			18675	1RB#0	22.62	24.49	33.00
			18675	1RB#38	22.38	24.25	33.00
			18675	36RB#39	21.80	23.67	33.00
			18675	36RB#18	21.61	23.48	33.00
			18675	36RB#0	21.79	23.66	33.00
			18675	75RB#0	21.73	23.60	33.00
			18900	1RB#74	22.42	22.42	33.00
			18900	1RB#38	22.42	24.29	33.00
			18900	1RB#0	22.41	24.28	33.00
			18900	36RB#0	21.53	23.40	33.00
			18900	36RB#39	21.43	23.30	33.00
			18900	36RB#18	21.44	23.31	33.00
			18900	75RB#0	21.32	23.19	33.00
			19125	1RB#74	22.64	24.51	33.00
			19125	1RB#38	22.87	24.74	33.00
			19125	1RB#0	22.61	24.48	33.00
			19125	36RB#18	21.72	23.59	33.00
			19125	36RB#0	22.00	23.87	33.00
			19125	36RB#39	21.94	23.81	33.00
			19125	75RB#0	21.83	23.70	33.00
	15MHz	16QAM	18675	1RB#0	21.48	23.35	33.00
			18675	1RB#74	21.70	23.57	33.00
			18675	1RB#38	21.77	23.64	33.00
			18675	36RB#0	20.68	22.55	33.00
			18675	36RB#39	20.51	22.38	33.00
			18675	36RB#18	20.61	22.48	33.00
			18675	75RB#0	20.68	22.55	33.00
			18900	1RB#38	21.81	23.68	33.00
			18900	1RB#74	21.87	23.74	33.00
			18900	1RB#0	21.84	23.71	33.00
			18900	36RB#18	20.58	22.45	33.00
			18900	36RB#0	20.49	22.36	33.00
			18900	36RB#39	20.47	22.34	33.00
			18900	75RB#0	20.48	22.35	33.00
			19125	1RB#74	22.28	24.15	33.00
			19125	1RB#0	22.45	24.32	33.00
			19125	1RB#38	22.26	24.13	33.00
			19125	36RB#0	21.02	22.89	33.00
			19125	36RB#39	20.99	22.86	33.00
			19125	36RB#18	20.91	22.78	33.00
			19125	75RB#0	20.86	22.73	33.00

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Band2	20MHz	QPSK	18700	1RB#99	22.53	24.40	33.00
			18700	1RB#49	22.83	24.70	33.00
			18700	1RB#0	22.31	24.18	33.00
			18700	50RB#25	21.78	23.65	33.00
			18700	50RB#0	21.58	23.45	33.00
			18700	50RB#50	21.57	23.44	33.00
			18700	100RB#0	21.68	23.55	33.00
			18900	1RB#99	22.58	24.45	33.00
			18900	1RB#0	22.71	24.58	33.00
			18900	1RB#49	22.48	24.35	33.00
			18900	50RB#25	21.57	23.44	33.00
			18900	50RB#0	21.51	23.38	33.00
			18900	50RB#50	21.59	23.46	33.00
			18900	100RB#0	21.59	23.46	33.00
			19100	1RB#0	22.63	24.50	33.00
			19100	1RB#49	23.33	25.20	33.00
			19100	1RB#99	22.60	24.47	33.00
			19100	50RB#0	21.91	23.78	33.00
			19100	50RB#25	22.00	23.87	33.00
			19100	50RB#50	22.00	23.87	33.00
			19100	100RB#0	21.83	23.70	33.00
		16QAM	18700	1RB#0	22.67	24.54	33.00
			18700	1RB#49	23.04	24.91	33.00
			18700	1RB#99	22.40	24.27	33.00
			18700	50RB#50	20.90	22.77	33.00
			18700	50RB#0	20.65	22.52	33.00
			18700	50RB#25	20.68	22.55	33.00
			18700	100RB#0	20.85	22.72	33.00
			18900	1RB#0	21.86	23.73	33.00
			18900	1RB#49	22.41	24.28	33.00
			18900	1RB#99	21.90	23.77	33.00
			18900	50RB#0	20.88	22.75	33.00
			18900	50RB#50	20.57	22.44	33.00
			18900	50RB#25	20.60	22.47	33.00
			18900	100RB#0	20.60	22.47	33.00
			19100	1RB#0	21.74	23.61	33.00
			19100	1RB#99	22.02	23.89	33.00
			19100	1RB#49	21.60	23.47	33.00
			19100	50RB#0	20.96	22.83	33.00
			19100	50RB#25	20.98	22.85	33.00
			19100	50RB#50	20.99	22.86	33.00
			19100	100RB#0	20.84	22.71	33.00

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Band25	1.4MHz	QPSK	26047	1RB#0	22.57	24.44	33.00
			26047	1RB#2	22.55	24.42	33.00
			26047	1RB#5	22.70	24.57	33.00
			26047	3RB#1	22.56	24.43	33.00
			26047	3RB#0	22.62	24.49	33.00
			26047	3RB#3	22.60	24.47	33.00
			26047	6RB#0	21.56	23.43	33.00
			26365	1RB#5	22.38	24.25	33.00
			26365	1RB#0	22.37	24.24	33.00
			26365	1RB#2	22.64	24.51	33.00
			26365	3RB#0	22.39	24.26	33.00
			26365	3RB#1	22.60	24.47	33.00
			26365	3RB#3	22.51	24.38	33.00
			26365	6RB#0	21.52	23.39	33.00
			26683	1RB#2	22.50	24.37	33.00
			26683	1RB#5	22.51	24.38	33.00
			26683	1RB#0	22.41	24.28	33.00
			26683	3RB#0	22.48	24.35	33.00
			26683	3RB#3	22.42	24.29	33.00
			26683	3RB#1	22.42	24.29	33.00
			26683	6RB#0	21.68	23.55	33.00
		16QAM	26047	1RB#2	22.41	24.28	33.00
			26047	1RB#5	22.56	24.43	33.00
			26047	1RB#0	22.42	24.29	33.00
			26047	3RB#0	22.51	24.38	33.00
			26047	3RB#1	22.69	24.56	33.00
			26047	3RB#3	22.75	24.62	33.00
			26047	6RB#0	21.64	23.51	33.00
			26365	1RB#5	21.12	22.99	33.00
			26365	1RB#0	21.38	23.25	33.00
			26365	1RB#2	21.12	22.99	33.00
			26365	3RB#3	21.49	23.36	33.00
			26365	3RB#1	21.50	23.37	33.00
			26365	3RB#0	21.45	23.32	33.00
			26365	6RB#0	20.52	22.39	33.00
			26683	1RB#2	21.12	22.99	33.00
			26683	1RB#5	21.86	23.73	33.00
			26683	1RB#0	21.61	23.48	33.00
			26683	3RB#3	21.52	23.39	33.00
			26683	3RB#1	21.64	23.51	33.00
			26683	3RB#0	21.63	23.50	33.00
			26683	6RB#0	20.69	22.56	33.00

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Band25	3MHz	QPSK	26055	1RB#14	20.76	22.63	33.00
			26055	1RB#0	22.52	24.39	33.00
			26055	1RB#8	22.61	24.48	33.00
			26055	8RB#7	21.61	23.48	33.00
			26055	8RB#4	21.68	23.55	33.00
			26055	8RB#0	21.67	23.54	33.00
			26055	15RB#0	21.63	23.50	33.00
			26365	1RB#14	22.45	24.32	33.00
			26365	1RB#8	22.28	24.15	33.00
			26365	1RB#0	22.22	24.09	33.00
			26365	8RB#7	21.37	23.24	33.00
			26365	8RB#0	21.41	23.28	33.00
			26365	8RB#4	21.38	23.25	33.00
			26365	15RB#0	21.40	23.27	33.00
			26675	1RB#14	22.28	24.15	33.00
			26675	1RB#8	22.51	24.38	33.00
			26675	1RB#0	22.67	24.54	33.00
			26675	8RB#4	21.83	23.70	33.00
			26675	8RB#0	21.82	23.69	33.00
			26675	8RB#7	21.70	23.57	33.00
			26675	15RB#0	21.67	23.54	33.00
		16QAM	26055	1RB#8	22.01	23.88	33.00
			26055	1RB#14	22.20	24.07	33.00
			26055	1RB#0	22.10	23.97	33.00
			26055	8RB#0	20.91	22.78	33.00
			26055	8RB#7	20.93	22.80	33.00
			26055	8RB#4	20.97	22.84	33.00
			26055	15RB#0	20.95	22.82	33.00
			26365	1RB#8	21.24	23.11	33.00
			26365	1RB#14	21.18	23.05	33.00
			26365	1RB#0	21.11	22.98	33.00
			26365	8RB#4	20.42	22.29	33.00
			26365	8RB#0	20.39	22.26	33.00
			26365	8RB#7	20.40	22.27	33.00
			26365	15RB#0	21.65	23.52	33.00
			26675	1RB#14	22.16	24.03	33.00
			26675	1RB#0	22.05	23.92	33.00
			26675	1RB#8	21.93	23.80	33.00
			26675	8RB#0	20.98	22.85	33.00
			26675	8RB#7	21.05	22.92	33.00
			26675	8RB#4	21.05	22.92	33.00
			26675	15RB#0	20.91	22.78	33.00

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Band	Bandwidth	Modulation	Channel No	RB Position & RB Allocation	Measured Average Power (dBm)	EIRP (dBm)	limit (dBm)
Band25	5MHz	QPSK	26065	1RB#24	22.33	24.20	33.00
			26065	1RB#12	22.54	24.41	33.00
			26065	1RB#0	22.43	24.30	33.00
			26065	12RB#6	21.66	23.53	33.00
			26065	12RB#0	21.63	23.50	33.00
			26065	12RB#13	21.65	23.52	33.00
			26065	25RB#0	21.63	23.50	33.00
			26365	1RB#24	22.30	24.17	33.00
			26365	1RB#0	22.48	24.35	33.00
			26365	1RB#12	22.12	23.99	33.00
			26365	12RB#6	21.37	23.24	33.00
			26365	12RB#0	21.41	23.28	33.00
			26365	12RB#13	21.42	23.29	33.00
			26365	25RB#0	21.38	23.25	33.00
			26665	1RB#0	22.52	24.39	33.00
			26665	1RB#12	22.63	24.50	33.00
			26665	1RB#24	22.67	24.54	33.00
			26665	12RB#0	21.77	23.64	33.00
			26665	12RB#6	21.68	23.55	33.00
			26665	12RB#13	21.67	23.54	33.00
			26665	25RB#0	21.78	23.65	33.00
		16QAM	26065	1RB#0	20.92	22.79	33.00
			26065	1RB#12	21.02	22.89	33.00
			26065	1RB#24	20.89	22.76	33.00
			26065	12RB#13	20.63	22.50	33.00
			26065	12RB#0	20.68	22.55	33.00
			26065	12RB#6	20.70	22.57	33.00
			26065	25RB#0	20.72	22.59	33.00
			26365	1RB#0	21.80	23.67	33.00
			26365	1RB#12	21.83	23.70	33.00
			26365	1RB#24	21.38	23.25	33.00
			26365	12RB#0	20.37	22.24	33.00
			26365	12RB#13	20.36	22.23	33.00
			26365	12RB#6	20.31	22.18	33.00
			26365	25RB#0	20.20	22.07	33.00
			26665	1RB#0	21.51	23.38	33.00
			26665	1RB#24	21.45	23.32	33.00
			26665	1RB#12	21.52	23.39	33.00
			26665	12RB#0	20.84	22.71	33.00
			26665	12RB#6	20.58	22.45	33.00
			26665	12RB#13	20.75	22.62	33.00
			26665	25RB#0	20.93	22.80	33.00

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Band	Bandwidth	Modulation	Channel No	RB Position & RB Allocation	Measured Average Power (dBm)	EIRP (dBm)	limit (dBm)
Band25	10MHz	QPSK	26090	1RB#0	22.42	24.29	33.00
			26090	1RB#24	22.61	24.48	33.00
			26090	1RB#49	22.69	24.56	33.00
			26090	25RB#12	21.74	23.61	33.00
			26090	25RB#0	21.66	23.53	33.00
			26090	25RB#25	21.71	23.58	33.00
			26090	50RB#0	21.74	23.61	33.00
			26365	1RB#49	22.38	24.25	33.00
			26365	1RB#0	22.68	24.55	33.00
			26365	1RB#24	22.51	24.38	33.00
			26365	25RB#0	21.39	23.26	33.00
			26365	25RB#12	21.48	23.35	33.00
			26365	25RB#25	21.48	23.35	33.00
			26365	50RB#0	21.44	23.31	33.00
			26640	1RB#24	22.26	24.13	33.00
			26640	1RB#49	22.60	24.47	33.00
			26640	1RB#0	21.99	23.86	33.00
			26640	25RB#0	21.80	23.67	33.00
			26640	25RB#25	21.81	23.68	33.00
			26640	25RB#12	21.88	23.75	33.00
			26640	50RB#0	21.86	23.73	33.00
		16QAM	26090	1RB#24	22.12	23.99	33.00
			26090	1RB#49	22.17	24.04	33.00
			26090	1RB#0	22.25	24.12	33.00
			26090	25RB#0	20.56	22.43	33.00
			26090	25RB#12	20.57	22.44	33.00
			26090	25RB#25	20.58	22.45	33.00
			26090	50RB#0	20.70	22.57	33.00
			26365	1RB#49	21.24	23.11	33.00
			26365	1RB#0	21.32	23.19	33.00
			26365	1RB#24	21.48	23.35	33.00
			26365	25RB#25	20.58	22.45	33.00
			26365	25RB#12	20.68	22.55	33.00
			26365	25RB#0	20.67	22.54	33.00
			26365	50RB#0	20.37	22.24	33.00
			26640	1RB#24	22.17	24.04	33.00
			26640	1RB#49	22.20	24.07	33.00
			26640	1RB#0	21.63	23.50	33.00
			26640	25RB#25	20.97	22.84	33.00
			26640	25RB#12	21.03	22.90	33.00
			26640	25RB#0	20.84	22.71	33.00
			26640	50RB#0	20.95	22.82	33.00

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Band	Bandwidth	Modulation	Channel No	RB Position & RB Allocation	Measured Average Power (dBm)	EIRP (dBm)	limit (dBm)
Band25	15MHz	QPSK	26115	1RB#74	22.48	24.35	33.00
			26115	1RB#0	22.56	24.43	33.00
			26115	1RB#38	22.60	24.47	33.00
			26115	36RB#39	21.70	23.57	33.00
			26115	36RB#18	21.83	23.70	33.00
			26115	36RB#0	21.70	23.57	33.00
			26115	75RB#0	21.67	23.54	33.00
			26365	1RB#74	21.48	23.35	33.00
			26365	1RB#38	22.62	24.49	33.00
			26365	1RB#0	22.60	24.47	33.00
			26365	36RB#0	21.44	23.31	33.00
			26365	36RB#39	21.57	23.44	33.00
			26365	36RB#18	21.57	23.44	33.00
			26365	75RB#0	21.55	23.42	33.00
			26615	1RB#74	22.67	24.54	33.00
			26615	1RB#38	22.64	24.51	33.00
			26615	1RB#0	21.60	23.47	33.00
			26615	36RB#18	21.91	23.78	33.00
			26615	36RB#0	21.99	23.86	33.00
			26615	36RB#39	21.83	23.70	33.00
			26615	75RB#0	21.79	23.66	33.00
		16QAM	26115	1RB#0	22.29	24.16	33.00
			26115	1RB#74	22.14	24.01	33.00
			26115	1RB#38	22.30	24.17	33.00
			26115	36RB#0	20.78	22.65	33.00
			26115	36RB#39	20.83	22.70	33.00
			26115	36RB#18	20.83	22.70	33.00
			26115	75RB#0	20.82	22.69	33.00
			26365	1RB#38	21.78	23.65	33.00
			26365	1RB#74	21.92	23.79	33.00
			26365	1RB#0	22.10	23.97	33.00
			26365	36RB#18	20.47	22.34	33.00
			26365	36RB#0	20.73	22.60	33.00
			26365	36RB#39	20.71	22.58	33.00
			26365	75RB#0	20.59	22.46	33.00
			26615	1RB#74	22.09	23.96	33.00
			26615	1RB#0	22.07	23.94	33.00
			26615	1RB#38	21.11	22.98	33.00
			26615	36RB#0	20.84	22.71	33.00
			26615	36RB#39	20.93	22.80	33.00
			26615	36RB#18	21.08	22.95	33.00
			26615	75RB#0	20.86	22.73	33.00

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Band	Bandwidth	Modulation	Channel No	RB Position & RB Allocation	Measured Average Power (dBm)	EIRP (dBm)	limit (dBm)
Band25	20MHz	QPSK	26140	1RB#99	22.67	24.54	33.00
			26140	1RB#49	22.96	24.83	33.00
			26140	1RB#0	22.57	24.44	33.00
			26140	50RB#25	21.67	23.54	33.00
			26140	50RB#0	21.65	23.52	33.00
			26140	50RB#50	21.64	23.51	33.00
			26140	100RB#0	21.60	23.47	33.00
			26365	1RB#99	22.36	24.23	33.00
			26365	1RB#0	22.63	24.50	33.00
			26365	1RB#49	22.37	24.24	33.00
			26365	50RB#25	21.43	23.30	33.00
			26365	50RB#0	21.61	23.48	33.00
			26365	50RB#50	21.58	23.45	33.00
			26365	100RB#0	21.42	23.29	33.00
			26590	1RB#0	22.67	24.54	33.00
			26590	1RB#49	22.93	24.80	33.00
			26590	1RB#99	21.54	23.41	33.00
			26590	50RB#0	21.85	23.72	33.00
			26590	50RB#25	21.87	23.74	33.00
			26590	50RB#50	21.86	23.73	33.00
			26590	100RB#0	21.76	23.63	33.00
		16QAM	26140	1RB#0	21.10	22.97	33.00
			26140	1RB#49	21.37	23.24	33.00
			26140	1RB#99	21.21	23.08	33.00
			26140	50RB#50	20.62	22.49	33.00
			26140	50RB#0	20.67	22.54	33.00
			26140	50RB#25	20.68	22.55	33.00
			26140	100RB#0	20.54	22.41	33.00
			26365	1RB#0	21.63	23.50	33.00
			26365	1RB#49	22.23	24.10	33.00
			26365	1RB#99	21.85	23.72	33.00
			26365	50RB#0	20.54	22.41	33.00
			26365	50RB#50	20.77	22.64	33.00
			26365	50RB#25	20.48	22.35	33.00
			26365	100RB#0	20.61	22.48	33.00
			26590	1RB#0	22.47	24.34	33.00
			26590	1RB#99	23.27	25.14	33.00
			26590	1RB#49	21.18	23.05	33.00
			26590	50RB#0	20.93	22.80	33.00
			26590	50RB#25	21.01	22.88	33.00
			26590	50RB#50	21.00	22.87	33.00
			26590	100RB#0	20.97	22.84	33.00

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Test Results for WCDMA Band 2:

Mode	Channel Frequency (MHz)	Measured Average Power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)
WCDMA	1852.40	22.82	1.87	24.69	33.01
	1880.00	22.41	1.87	24.28	33.01
	1907.60	22.81	1.87	24.68	33.01
HSDPA Subtest1	1852.40	23.86	1.87	25.73	33.01
	1880.00	23.72	1.87	25.59	33.01
	1907.60	23.07	1.87	24.94	33.01
HSDPA Subtest2	1852.40	22.15	1.87	24.02	33.01
	1880.00	21.66	1.87	23.53	33.01
	1907.60	21.96	1.87	23.83	33.01
HSDPA Subtest3	1852.40	21.70	1.87	23.57	33.01
	1880.00	21.61	1.87	23.48	33.01
	1907.60	20.89	1.87	22.76	33.01
HSDPA Subtest4	1852.40	22.24	1.87	24.11	33.01
	1880.00	22.28	1.87	24.15	33.01
	1907.60	21.32	1.87	23.19	33.01
HSUPA Subtest1	1852.40	21.93	1.87	23.80	33.01
	1880.00	22.70	1.87	24.57	33.01
	1907.60	22.37	1.87	24.24	33.01
HSUPA Subtest2	1852.40	21.56	1.87	23.43	33.01
	1880.00	21.22	1.87	23.09	33.01
	1907.60	20.74	1.87	22.61	33.01
HSUPA Subtest3	1852.40	21.61	1.87	23.48	33.01
	1880.00	21.65	1.87	23.52	33.01
	1907.60	21.75	1.87	23.62	33.01
HSUPA Subtest4	1852.40	22.12	1.87	23.99	33.01
	1880.00	21.17	1.87	23.04	33.01
	1907.60	21.14	1.87	23.01	33.01

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Test Results for GSM1900MHz:

Mode	Frequency (MHz)	Measured Average power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)
GPRS (GMSK, 1-slot)	1850.20	30.53	1.87	32.40	33.01
	1880.00	30.51	1.87	32.38	33.01
	1909.80	29.80	1.87	31.67	33.01
GPRS (GMSK, 2-slot)	1850.20	30.16	1.87	32.03	33.01
	1880.00	29.54	1.87	31.41	33.01
	1909.80	30.49	1.87	32.36	33.01
GPRS (GMSK, 3-slot)	1850.20	28.03	1.87	29.90	33.01
	1880.00	27.87	1.87	29.74	33.01
	1909.80	28.11	1.87	29.98	33.01
GPRS (GMSK, 4-slot)	1850.20	26.46	1.87	28.33	33.01
	1880.00	26.67	1.87	28.54	33.01
	1909.80	26.66	1.87	28.53	33.01
EGPRS (8PSK, 1-slot)	1850.20	26.49	1.87	28.36	33.01
	1880.00	27.08	1.87	28.95	33.01
	1909.80	27.26	1.87	29.13	33.01
EGPRS (8PSK, 2-slot)	1850.20	26.27	1.87	28.14	33.01
	1880.00	26.12	1.87	27.99	33.01
	1909.80	25.49	1.87	27.36	33.01
EGPRS (8PSK, 3-slot)	1850.20	23.51	1.87	25.38	33.01
	1880.00	23.46	1.87	25.33	33.01
	1909.80	23.69	1.87	25.56	33.01
EGPRS (8PSK, 4-slot)	1850.20	22.66	1.87	24.53	33.01
	1880.00	22.24	1.87	24.11	33.01
	1909.80	22.80	1.87	24.67	33.01

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7.3 Field Strength of Spurious Radiation

Result

Pass

Specification	FCC Part §2.1053 & §24.238(a) RSS-133, §5.6
Test Method / Procedure	As per subclause 5.5 of ANSI C63.26-2015 As per subclause 7 in 971168 D01 Power Meas License Digital Systems v03r01
Measurement Bandwidth (RBW)	100 kHz for frequency range < 1GHz 1 MHz for Frequency range >1GHz
Detector Function	Peak
Measuring Distance	3 m
Requirement	The power of any emission outside the authorized frequency range must be attenuated below the transmitting power (P) by a factor of at least $43+10\log(P)$ dB
Test setup	Refer TEST METHODOLOGY

Environmental conditions:

Temperature (Norm) = + 24 °C Voltage = 12VDC through AC-DC Adapter Relative humidity = 62 %

Note: All the losses are included during measurement and final values are mentioned in the test report. Refer TEST METHODOLOGY for more details

Note:

1. All the losses are included during measurement and final values are mentioned in the test report.
2. Spurious emission limit is derived using the following equation: $43 + 10\log(P) = 43 + 10\log(P) = -13$
P is average power in W

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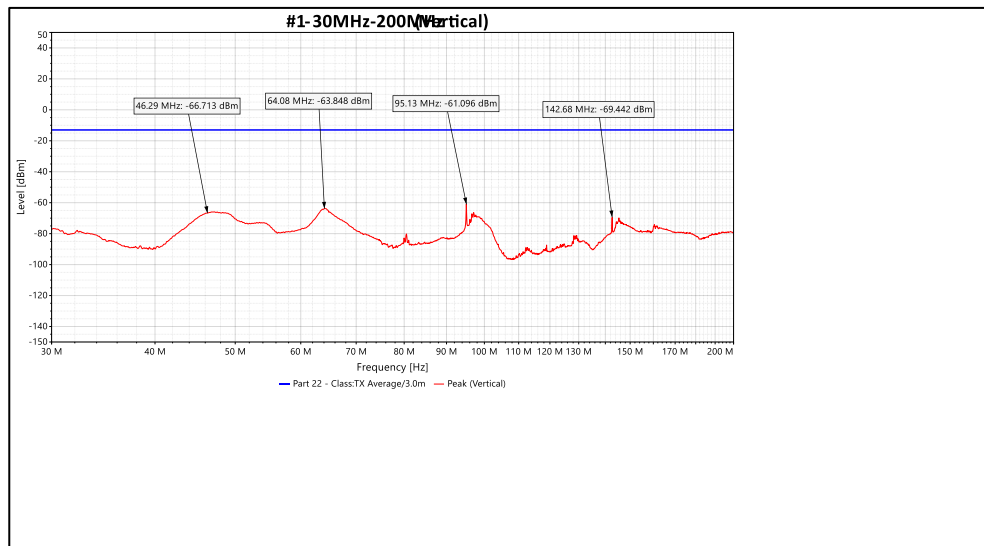
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Test results:

Test results for frequency range 30MHz – 200MHz

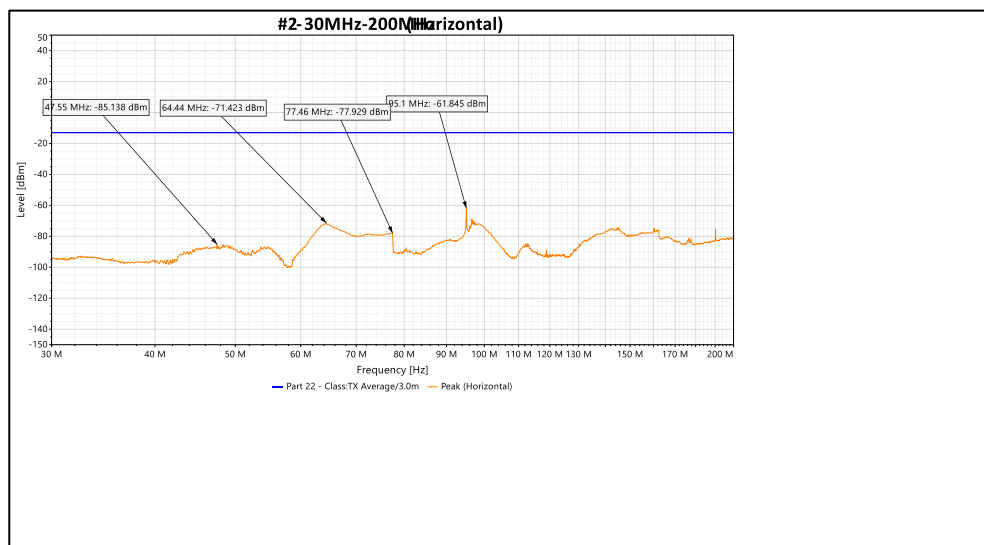
Antenna Polarization	Measured Frequency (MHz)	Measured emission (dBm)	Limit (dBm)	Margin (dB)
Vertical	46.29	-66.71	-13.00	-53.71
	64.08	-63.84	-13.00	-50.84
	95.13	-61.09	-13.00	-48.09
	142.68	-69.44	-13.00	-56.44
Horizontal	47.55	-85.13	-13.00	-72.13
	64.44	-71.42	-13.00	-58.42
	77.46	-77.92	-13.00	-64.92
	95.10	-61.84	-13.00	-48.84

Plots for frequency range 30MHz to 200MHz



Frequency Range: 30MHz-200MHz

Polarization: Vertical



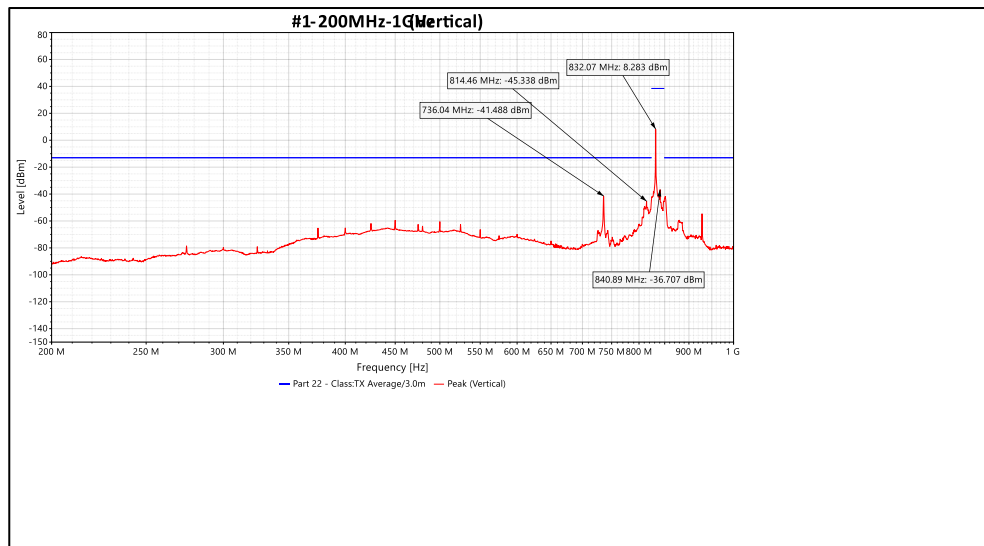
Frequency Range: 30MHz-200MHz

Polarization: Horizontal

Test results for frequency range 200MHz – 1GHz

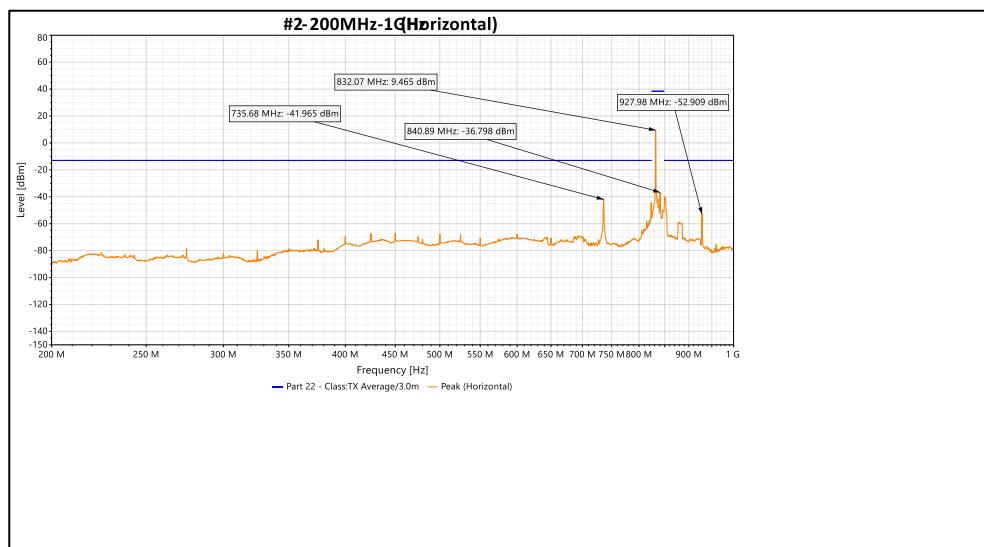
Antenna Polarization	Measured Frequency (MHz)	Measured emission (dBm)	Limit (dBm)	Margin (dB)
Vertical	736.04	-41.48	-13.00	-28.48
	814.46	-45.33	-13.00	-32.33
	832.07*	8.28	-	-
	840.89	-36.70	-13.00	-23.70
Horizontal	735.68	-41.96	-13.00	-28.96
	832.07*	9.46	-	-
	840.89	-36.79	-13.00	-23.79
	927.98	-52.90	-13.00	-39.90

Test Plots for Frequency range of 200MHz to 1GHz:



Frequency Range: 200MHz-1GHz

Polarization: Vertical



Frequency Range: 200MHz-1GHz

Polarization: Horizontal