

Prüfbericht-Nr.: Test report no.:	IN262KZI 001	Auftrags-Nr.: Order no.:	147214033 10	Seite 1 von 36 Page 1 of 36
Kunden-Referenz-Nr.: Client reference no.:	2773432	Auftragsdatum: Order date:	2026-06-09	
Auftraggeber: Client:	Intellobots Technologies Private Limited Level #2, Plot no, 68 & 69, Beverly Hills, Guttala_Begumpet, Kavuri Hills, Jubilee Hills, Hyderabad, Telangana 500081			
Prüfgegenstand: Test item:	Electronic Shelf Label			
Bezeichnung / Typ-Nr.: Identification / Type no.:	TXES26B4CBLA	Serial Number : EN0010000012		
Auftrags-Inhalt: Order content:	Testing and issue of Test Report			
Prüfgrundlage: Test specification:	FCC Part15 SubpartC 15.247; 15.205; 15.207; 15.209 RSS Gen Issue 5; RSS 247 Issue 4			
Wareneingangsdatum: Date of sample receipt:	2026-06-10			
Prüfmuster-Nr.: Test sample no:	A004304687-001			
Prüfzeitraum: Testing period:	2026-06-11 - 2026-06-15			
Ort der Prüfung: Place of testing:	Wireless laboratory, Bangalore			
Prüflaboratorium: Testing laboratory:	TÜV Rheinland (India) Pvt.Ltd., 27/B, 2nd Cross, Electronic City Phase1 Bangalore -560 100, India			
Prüfergebnis*: Test result*:	Pass			
geprüft von: tested by:	genehmigt von: authorized by:			
Datum: Date: 2026-07-08		Ausstellungsdatum: Issue date: 2026-07-08		
Stellung / Position:	Darshan D Senior Engineer	Stellung / Position:	Vinay N Manager	
Sonstiges / Other:	FCC ID: 2BWOS-TXES26B4CBLA			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
* Legend:	P(ass) = passed a.m. test specification(s)	F(ail) = failed a.m. test specification(s)	N/A = not applicable	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 above mentioned 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 | <p>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.</p> <p>Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</p> <p><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></p> |
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| 3 | <p>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben.</p> <p>Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.</p> <p><i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report.</i></p> <p><i>Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i></p> |

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4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2023, 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. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. <i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2023, 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. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>
5	Other <i>Sonstiges</i> Test sample(s), as well sample information, description, product details and intended usage was provided by customer. The Laboratory is not be responsible for the information/data provided by the customer which can affect the validity of results.
6	Test sample obtaining <i>Prüfmusterbereitstellung</i> ☒ Sending by customer ☐ Sampling by TÜV Rheinland Group ☐ Others:
7	Additional Information FCC Test site registration number: 570793 ISED Test site registration number: 27711

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TEST SUMMARY

Test Item	FCC	ISED	Result
Maximum conducted (Peak) output power	15.247 (b)(3)	RSS 247 Issue 4 Section 6.3.2	Pass
Maximum Power Spectral Density	FCC 15.247(e)	RSS 247 Issue 4 Section 6.3.1	N/T
DTS Bandwidth & 99% Bandwidth	FCC 15.247(a)(2)	RSS 247 Issue 4 Section 6.3.1 RSS Gen Issue 5 Section 6.7	N/T
Emissions in non-restricted frequency bands	15.247 (d)	RSS 247 Issue 4 Section 6.6	N/T
Spurious Radiated Emissions and Restricted Bands of Operation	15.247 (d) / FCC 15.209 / FCC 15.205	RSS-Gen Issue 5, Section 8.9 /8.10	Pass
AC Power lines Conducted emission	FCC 15.207	RSS Gen Issue 5 Section 8.8	N/A

N/T: Not Tested – These test cases have not been executed, as the product incorporates the certified RF module: **ISC-nRF54L Series Module** of **ISC-nRF54L15-A** from INDIESEMIC PRIVATE LIMITED. This module has been tested at **BTF Testing Lab (Shenzhen) Co., Ltd**, under **FCC ID: 2BVP2-NRF54L15**. Therefore, the mentioned test cases are excluded, and relevant details can be found in the module's test reports of **FCC: BTF260402R00401** corresponding to the respective FCC ID.

Product Category: Electronics Testing

Test Discipline: EMC Test Facility

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REVISION HISTORY OF THIS REPORT

Report Number	Version	Description	Issue date
IN262KZI 001	01	Initial issue of report	2026-07-08

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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. External Photos
3. Internal Photos
4. FCC Label and Label Location
5. Block Diagram
6. Specification of EUT
7. Schematic Diagrams
8. Bill of Material
9. User Manual
10. RF Exposure Report

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2 TEST SITES

2.1 Testing Facilities

1. TÜV Rheinland (India) Pvt.Ltd.,
27/B, 2nd Cross,
ElectronicCityPhase1
Bangalore – 560 100,
India
2. TUV Rheinland (India) Pvt.Ltd.,
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	103384	3.20SP2	2026.06.24	Yearly	Radiated Spurious Emission
Loop Antenna	Schwarzbeck	FMZB 1519 B	1519B-00111	-	2026.11.17	Yearly	
Balun & Biconical Antenna	Schwarzbeck mess-elektronik	BBA 9106+VH BB 9124	9124-1117	-	2027.02.14	Yearly	
Log-Periodic Antenna	Schwarzbeck mess-elektronik	VUSLP 9111B	9111B-324	-	2027.02.21	Yearly	
Horn Antenna	Schwarzbeck	BBHA 9120 D	9120D-1944	-	2026.11.11	Yearly	
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA 9170-0904	-	2027.03.26	Yearly	
EMI Test Receiver	R & S	ESW44	101773	1.72.SP1	2027.02.16	Yearly	
Semi Anechoic Chamber	Frankonia	-	-	-	-	-	
Fully Anechoic Chamber	Albatross	-	-	-	-	-	

Table 2: Instrument application Software versions

SL. No.	Test Type	Application software	Version
1	Radiated spurious emission measurement in FAC	EMC 32	10.60.20
2	Radiated spurious emission measurement in 10mtr SAC	BAT EMC	3.20.0.17

3 GENERAL PRODUCT INFORMATION

3.1 Product Function and Intended Use

The ESL device is a battery-powered wireless display tag engineered for retail shelf-edge labelling. It communicates seamlessly over Bluetooth Low Energy (BLE) to receive real-time pricing and image updates, eliminating the need for manual label changes. Content is rendered on a high-contrast E-Paper display, ensuring excellent readability under all lighting conditions while consuming minimal power for an extended battery life.

3.2 Ratings and System Details of Equipment under Test

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

Protocol		BLE (Bluetooth Low Energy)
Operating Frequency Range		2402MHz to 2480MHz
Channel Spacing		2MHz
Calculated e.i.r.p (dBm)		-0.33 dBm @ 2402MHz @ 2Mbps
Modulation		GFSK
Data Rate		1Mbps & 2Mbps
Number of antennas		1
Antenna Gain & Antenna Type		-2.2 dBi & PCB Antenna
Supply Voltage to Product		1.8V – 3.6V Battery (Non rechargeable)
Environmental conditions	Operating Condition	-0°C to +70°C
	Storage Condition	
EUT Dimension (L * W * H) in mm		85 * 44.5 * 14

***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.

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3.3 Measurement Uncertainty:

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

Table 4: Measurement Uncertainty

Parameter	Uncertainty
RF output power, conducted	± 0.87 dB
Power Spectral Density, conducted	± 1.07 dB
Bandwidth, conducted	0.36 %
Unwanted Emissions, conducted	± 2.13 dB
All emissions, radiated	± 4.61 dB

4 TEST SET-UP AND OPERATION MODE

4.1 Principle of Configuration Selection

Transmission was enabled with highest possible duty cycle (90%) transmission on low, mid and high channel.

4.2 Test Operation and Test Software

Hardware Version Identification Number (HVIN):	Electronic Shelf Label
Test Software	NRF Connect
Test Software Version	SDK 3.1.1
Hardware Name:	ESL 2.6
Hardware Version	V1.2.1-080526

4.3 Special Accessories and Auxiliary Equipment

- None

4.4 Simultaneous Transmission

- None

4.5 Countermeasures to achieve EMC Compliance

- None

4.6 List of frequencies

Frequency Band (MHz)	Channel No.	Channel Frequency (MHz)
2402 – 2480 BLE	0	2402
	1	2404
	2	2406
	3	2408
	:	:
	11	2424
	12	2426
	:	:
	19	2440
	20	2442
	:	:
	:	:
	:	:
	:	:
	36	2474
	37	2476
	38	2478
	39	2480

Table 5: List of BLE Centre frequencies

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Channel used for BLE testing.

Channel low: 2402MHz

Channel mid: 2440MHz

Channel high : 2480MHz

4.7 TUV Sample Identification

TUV Sample Identification number: A004304687-001– Radiated test Sample.

5 Operational Description

The ESL device operates by establishing a BLE communication link with a central gateway or access point installed within the deployment environment. Upon receiving a data packet containing updated pricing or image content, the onboard microcontroller processes and decodes the signal, then drives the E-Paper display controller to refresh the screen with the new content. The device remains in a deep sleep state between update cycles, drawing minimal current to preserve battery life. An integrated power management circuit regulates voltage supply to all subsystems, ensuring stable operation across varying battery discharge levels.

6 TEST METHODOLOGY

6.1 Radiated Emission Test

The radiated emission measurement was performed according to the procedures in ANSI C63.10-2020. The equipment under test (EUT) was placed at the middle of the 80 cm high turntable for below 1 GHz & 1.5 m height for above 1 GHz measurement, and the EUT is 3 meters far from the measuring antenna. The turntable was rotated 360° for obtaining the maximum emission. The height of the measuring antennas was scanned between 1 m and 4 m, and the antenna rotated to repeat the measurements for both the horizontal and vertical antenna polarizations. Repeat the measurement steps until the maximum emissions were obtained. The measurement above 1000 MHz was performed by horn antenna, the measurement below 30 MHz was performed by loop antenna, Measurement from 30 MHz to 200 MHz was performed by Balloon and Biconical Antenna, and measurement from 200 MHz to 1 GHz was performed by Log-Periodic Antenna.

The EUT was rotated around the X-, Y-, and Z-Axis and the results from worst case axis are recorded

6.1.1 Test Setup Configuration

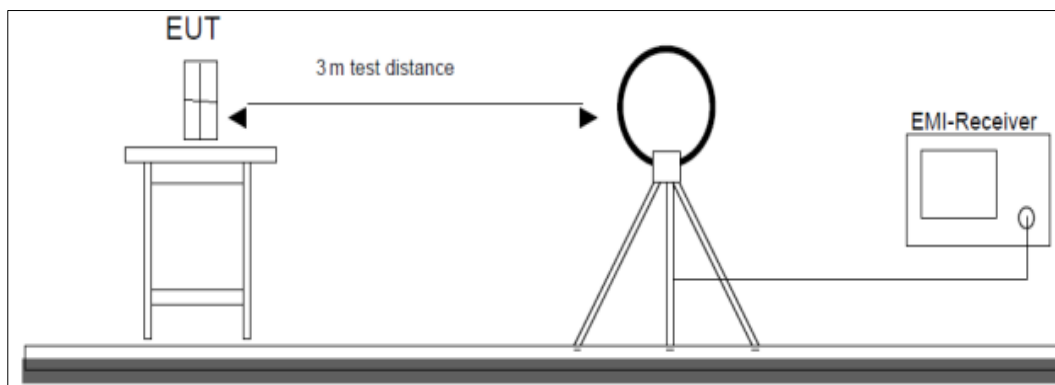


Figure 1: Frequency Range 9 kHz- 30 MHz

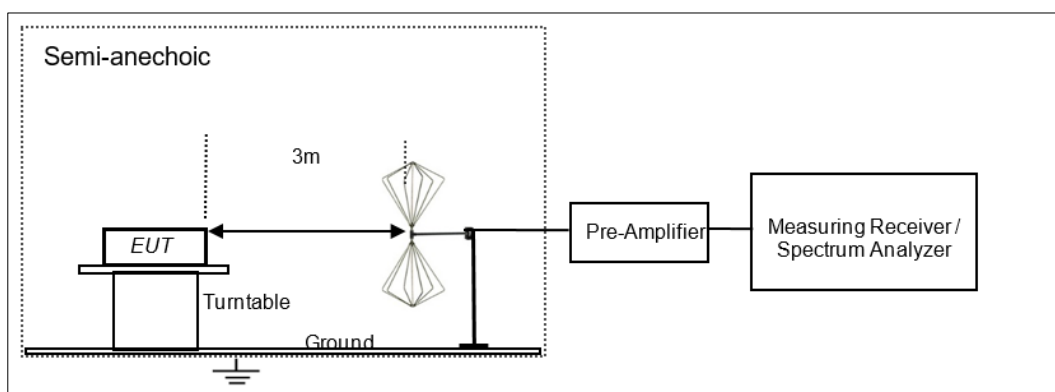


Figure 2: Frequency Range 30 MHz – 200 MHz

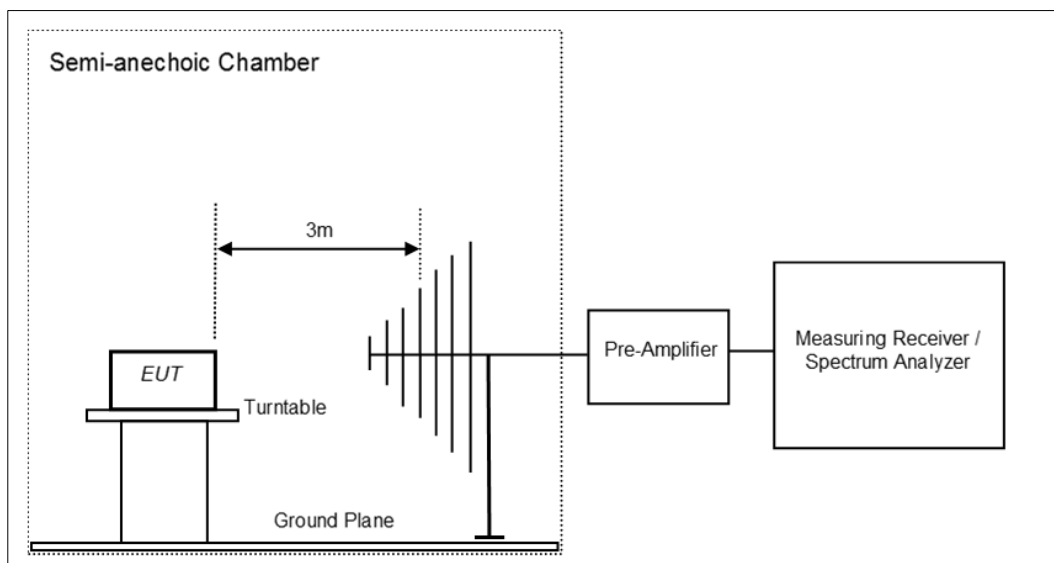


Figure 3: Frequency Range 200 MHz - 1GHz

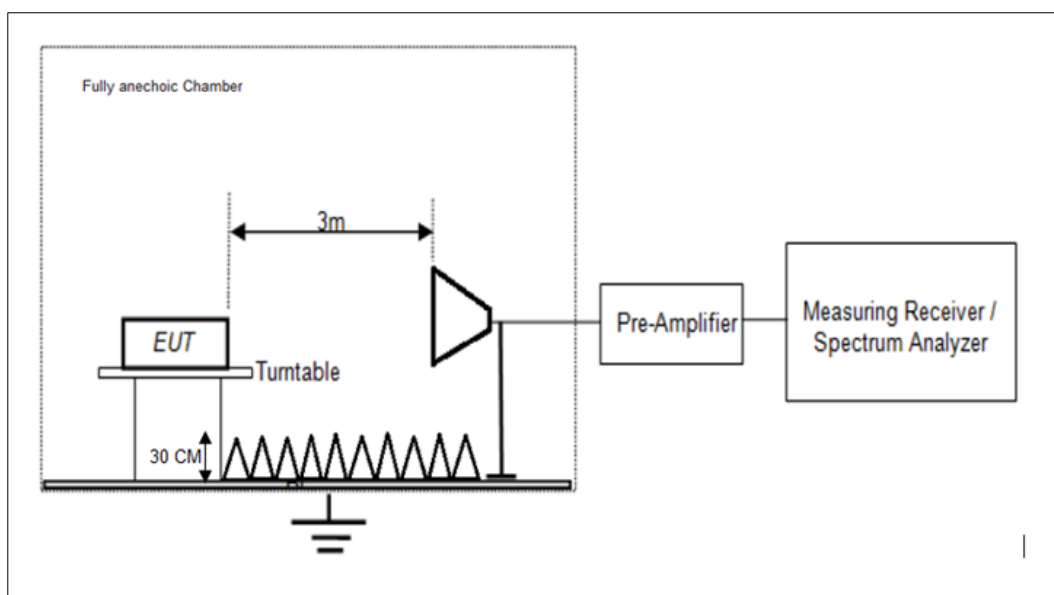


Figure 4: Frequency Range above 1 GHz

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7 TEST RESULTS

7.1 Maximum e.i.r.p

Result

Pass

Test Specification	FCC part 15 Subpart C 15.247 (b)(3)
Test Method	Refer to 6 of this report
Measurement Bandwidth	1MHz
Detector	Peak
Mode of testing	Radiated mode
Requirement	Power $\leq$ 1 W (30 dBm)

Test Condition

Normal Test Condition:

Temperature (Norm) = +22.8°C Voltage = 3.3V through Battery Relative humidity: 63%

Test results:

Data Rate	Channel Frequency (MHz)	Antenna Polarization	Measured e.i.r.p Power (dBm)	Limit (dBm)
1 Mbps	2402	Ver	-0.34	30.00
		Hor	-0.98	30.00
	2440	Ver	-1.03	30.00
		Hor	-1.51	30.00
	2480	Ver	-1.22	30.00
		Hor	-2.21	30.00
2 Mbps	2402	Ver	-0.33	30.00
		Hor	-1.20	30.00
	2440	Ver	-1.06	30.00
		Hor	-1.53	30.00
	2480	Ver	-1.17	30.00
		Hor	-2.25	30.00

Note:

The e.i.r.p Values are calculated using formula 39 of ANSI C63.10-2020 as below:

$$EIRP(dBm) = E(dB\mu V/m) - 95.2$$

E(dB μ V/m) are measured Values.

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7.2 Spurious Radiated Emissions & Restricted Bands of Operation

Result

Pass

Test Specification	FCC part 15 Subpart C 15.247 (d) / (15.209 & 15.205)/
Test Method	ANSI C63.10:2020 and ANSI C63.10:2020+Cor. 1:2023+ C63.10a:2024
Measurement Location	Semi Anechoic Chamber 9kHz - 1 GHz Fully Anechoic Chamber 1 GHz - 26GHz
Measurement Bandwidth	100 kHz for frequency range < 1GHz 1 MHz for Frequency range >1GHz
Detector	Refer remarks below
Measuring Distance	3 m
Requirement	As per the limits mentioned in the below table
Test setup	Refer TEST METHODOLOGY

Table 6: Transmitter limits for Radiated emission

Frequency (MHz)	Field strength (μV/m)	Field strength (dBμV/m)	Distance of Measurement (m)
0.009 – 0.490	2400/F(kHz)	48.50 – 13.80	300*
0.490 – 1.705	24000/F(kHz)	33.80 – 23.00	30*
1.705 -30	30	29.54	30*
30-88	100	40.0	3
88-216	150	43.5	3
216-960	200	46.0	3
Above 960	500	54.0	3

Remark: * The limit shows in the table above of frequency range 0.009 – 0.490, 0.490 – 1.705 MHz and 1.705-30MHz is at 300 meter, 30 meter and 30 meter range respectively, which corresponds to 128.51 – 93.80, 73.80 – 62.96 and 69.54 dBμV/m at 3m range by extrapolation calculation and the measurement of loop antenna.

The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz Radiated emission limits in these three bands are based on measurements employing an average detector.

Test Conditions:

Temperature (Norm) = +22.8°C

Voltage = 3.3V through Battery

Relative humidity: 63%

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Test results:

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

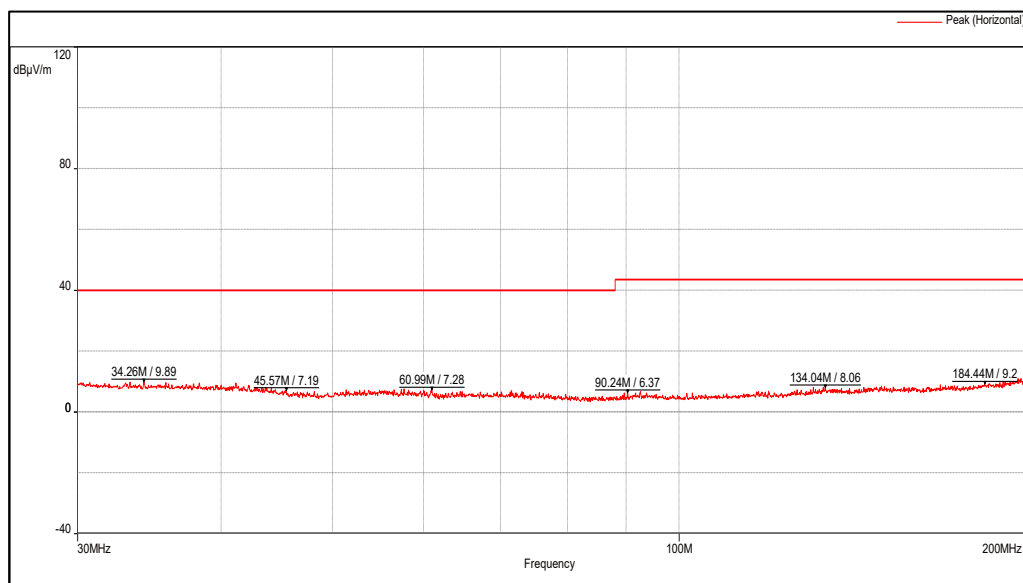
Test results for frequency range 9kHz – 30MHz

No emissions found in frequency range 9 kHz to 30 MHz, and measured levels are below 20dB from the limit line, hence not reported.

Table 7: Test results for frequency range 30MHz – 200MHz

Antenna Polarization	Measured Frequency (MHz)	Measured Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Vertical	34.26	9.89	40.00	-30.11
	45.57	7.19	40.00	-32.81
	60.99	7.28	40.00	-32.72
	90.24	6.37	43.50	-37.13
	134.04	8.06	43.50	-35.44
	184.44	9.20	43.50	-34.30
	212.09	8.51	43.50	-34.99
	292.94	10.10	46.00	-35.90
	492.77	13.30	46.00	-32.70
	916.13	17.60	46.00	-28.40
Horizontal	33.48	10.20	40.00	-29.80
	43.41	8.35	40.00	-31.65
	56.94	7.11	40.00	-32.89
	101.97	6.44	43.50	-37.06
	237.26	7.90	46.00	-38.10
	344.84	10.50	46.00	-35.50
	527.21	13.20	46.00	-32.80
	799.19	15.50	46.00	-30.50

Test Plots:



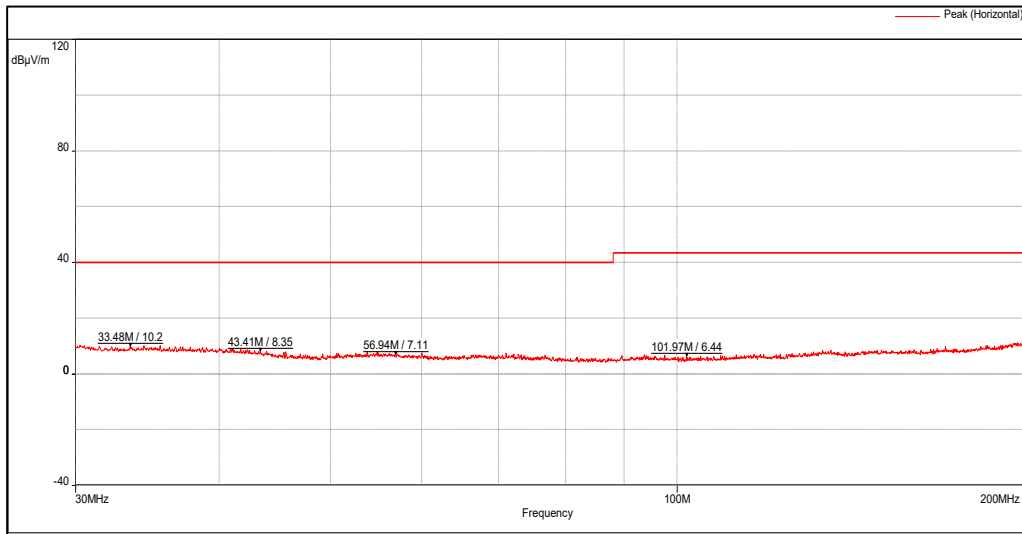
Frequency Range: 30MHz to 200MHz

Polarization: Vertical

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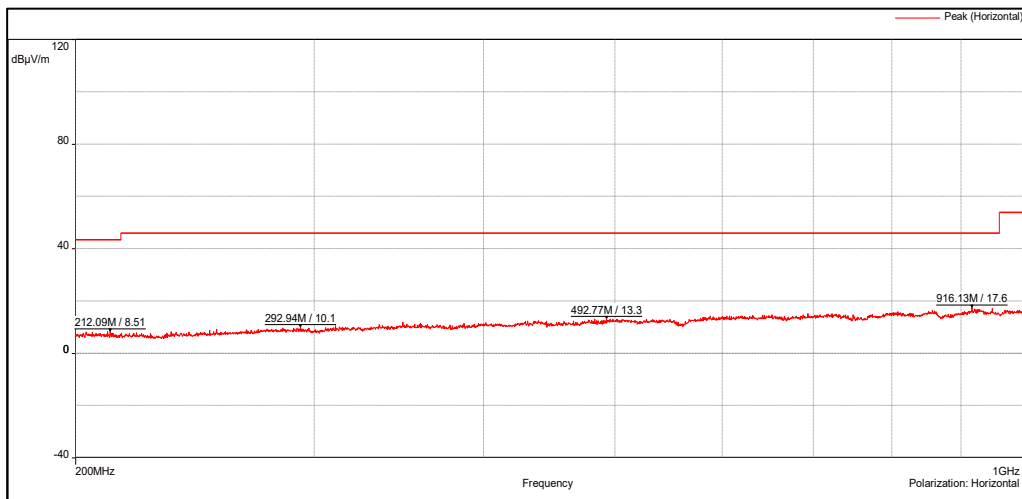
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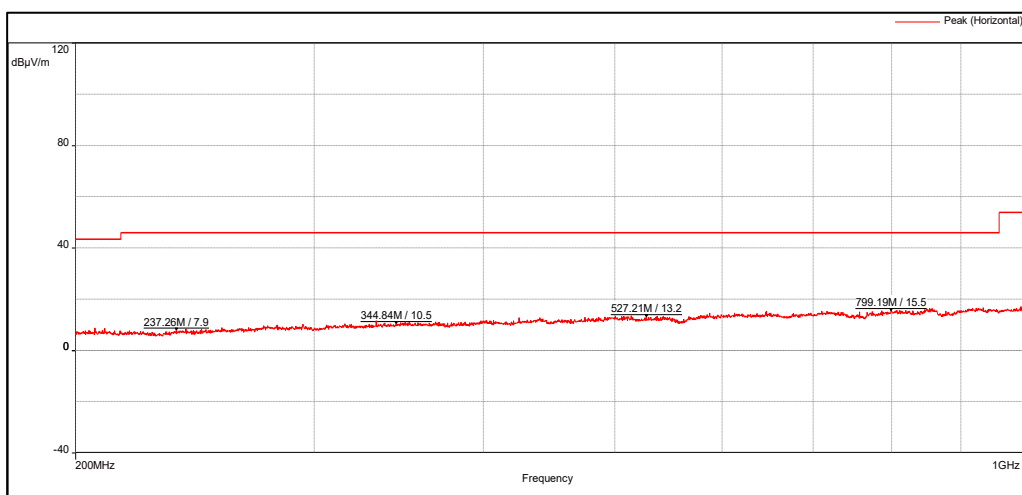
Frequency Range: 30MHz to 200MHz

Polarization: Horizontal



Frequency Range: 200MHz to 1GHz

Polarization: Vertical



Frequency Range: 200MHz to 1GHz

Polarization: Horizontal

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Table 8: Test results for the frequencies above 1GHz:

Data Rate: 1Mbps

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2402	2402(Pk)	Vertical	94.89	-	-
	2402(Av)		93.11	-	-
	2390*(Pk)		41.39	74.00	-32.61
	2390*(Av)		27.91	54.00	-26.09
	4804(Pk)		49.15	74.00	-24.85
	4804(Av)		42.35	54.00	-11.65
	7206(Pk)		60.41	74.00	-13.59
	7206(Av)		52.69	54.00	-1.31
	9608(Pk)		56.97	74.00	-17.03
	9608(Av)		48.10	54.00	-5.90
	2402(Pk)	Horizontal	94.25	-	-
	2402(Av)		92.37	-	-
	2390*(Pk)		41.50	74.00	-32.50
	2390*(Av)		27.39	54.00	-26.61
	4804(Pk)		45.72	74.00	-28.28
	4804(Av)		37.45	54.00	-16.55
	7206(Pk)		51.09	74.00	-22.91
	7206(Av)		41.20	54.00	-12.80
	9608(Pk)		51.34	74.00	-22.66
	9608(Av)		38.94	54.00	-15.06
2440	2440(Pk)	Vertical	94.20	-	-
	2440(Av)		92.44	-	-
	4880(Pk)		51.50	74.00	-22.50
	4880(Av)		45.04	54.00	-8.96
	7320(Pk)		59.01	74.00	-14.99
	7320(Av)		51.95	54.00	-2.05
	9760(Pk)		56.31	74.00	-17.69
	9760(Av)		44.36	54.00	-9.64
	2440(Pk)	Horizontal	93.72	-	-
	2440(Av)		91.95	-	-
	4880(Pk)		47.84	74.00	-26.16
	4880(Av)		40.18	54.00	-13.82
	7320(Pk)		50.29	74.00	-23.71
	7320(Av)		38.96	54.00	-15.04
	9760(Pk)		51.82	74.00	-22.18
	9760(Av)		39.27	54.00	-14.73

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Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2480	2480(Pk)	Vertical	94.01	-	-
	2480(Av)		92.11	-	-
	2483.5*(Pk)		57.37	74.00	-16.63
	2483.5*(Av)		33.62	54.00	-20.38
	4960(Pk)		52.06	74.00	-21.94
	4960(Av)		46.32	54.00	-7.68
	7440(Pk)		57.44	74.00	-16.56
	7440(Av)		50.18	54.00	-3.82
	9920(Pk)		55.73	74.00	-18.27
	9920(Av)		46.28	54.00	-7.72
	2480(Pk)	Horizontal	93.02	-	-
	2480(Av)		91.13	-	-
	2483.5*(Pk)		55.92	74.00	-18.08
	2483.5*(Av)		32.81	54.00	-21.19
	4960(Pk)		47.66	74.00	-26.34
	4960(Av)		40.29	54.00	-13.71
	7440(Pk)		48.88	74.00	-25.12
	7440(Av)		37.08	54.00	-16.92
	9920(Pk)		51.00	74.00	-23.00
	9920(Av)		40.15	54.00	-13.85

_ → Fundamental Frequency

*→ Restricted Band edges

Pk: Peak Detector;

Av: Average Detector

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Data Rate: 2Mbps

Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
2402	2402(Pk)	Vertical	94.90	-	-
	2402(Av)		91.41	-	-
	2390*(Pk)		42.49	74.00	-31.51
	2390*(Av)		28.01	54.00	-25.99
	4804(Pk)		49.96	74.00	-24.04
	4804(Av)		41.33	54.00	-12.67
	7206(Pk)		60.42	74.00	-13.58
	7206(Av)		52.15	54.00	-1.85
	9608(Pk)		57.65	74.00	-16.35
	9608(Av)		47.74	54.00	-6.26
	2402(Pk)	Horizontal	94.03	-	-
	2402(Av)		90.49	-	-
	2390*(Pk)		39.52	74.00	-34.48
	2390*(Av)		27.56	54.00	-26.44
	4804(Pk)		47.66	74.00	-26.34
	4804(Av)		38.27	54.00	-15.73
	7206(Pk)		51.02	74.00	-22.98
	7206(Av)		40.55	54.00	-13.45
	9608(Pk)		50.94	74.00	-23.06
	9608(Av)		38.78	54.00	-15.22
2440	2440(Pk)	Vertical	94.17	-	-
	2440(Av)		90.71	-	-
	4880(Pk)		51.00	74.00	-23.00
	4880(Av)		42.15	54.00	-11.85
	7320(Pk)		60.69	74.00	-13.31
	7320(Av)		52.74	54.00	-1.26
	9760(Pk)		55.37	74.00	-18.63
	9760(Av)		44.22	54.00	-9.78
	2440(Pk)	Horizontal	93.70	-	-
	2440(Av)		90.23	-	-
	4880(Pk)		47.49	74.00	-26.51
	4880(Av)		37.03	54.00	-16.97
	7320(Pk)		50.22	74.00	-23.78
	7320(Av)		38.73	54.00	-15.27
	9760(Pk)		51.78	74.00	-22.22
	9760(Av)		39.10	54.00	-14.90

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Channel Frequency (MHz)	Measured Frequency (MHz)	Antenna Polarization	Measured Emission (dBμV/m)	Limit (dBμV/m)	Margin (dB)
2480	2480(Pk)	Vertical	94.06	-	-
	2480(Av)		90.52	-	-
	2483.5*(Pk)		56.03	74.00	-17.97
	2483.5*(Av)		35.69	54.00	-18.31
	4960(Pk)		51.42	74.00	-22.58
	4960(Av)		43.32	54.00	-10.68
	7440(Pk)		58.02	74.00	-15.98
	7440(Av)		49.27	54.00	-4.73
	9920(Pk)		55.86	74.00	-18.14
	9920(Av)		45.27	54.00	-8.73
	2480(Pk)	Horizontal	92.98	-	-
	2480(Av)		89.47	-	-
	2483.5*(Pk)		55.31	74.00	-18.69
	2483.5*(Av)		34.91	54.00	-19.09
	4960(Pk)		47.42	74.00	-26.58
	4960(Av)		38.05	54.00	-15.95
	7440(Pk)		49.55	74.00	-24.45
	7440(Av)		36.60	54.00	-17.40
	9920(Pk)		51.55	74.00	-22.45
	9920(Av)		38.95	54.00	-15.05

_ → Fundamental Frequency

*→ Restricted Band edges

Pk: Peak Detector;

Av: Average Detector

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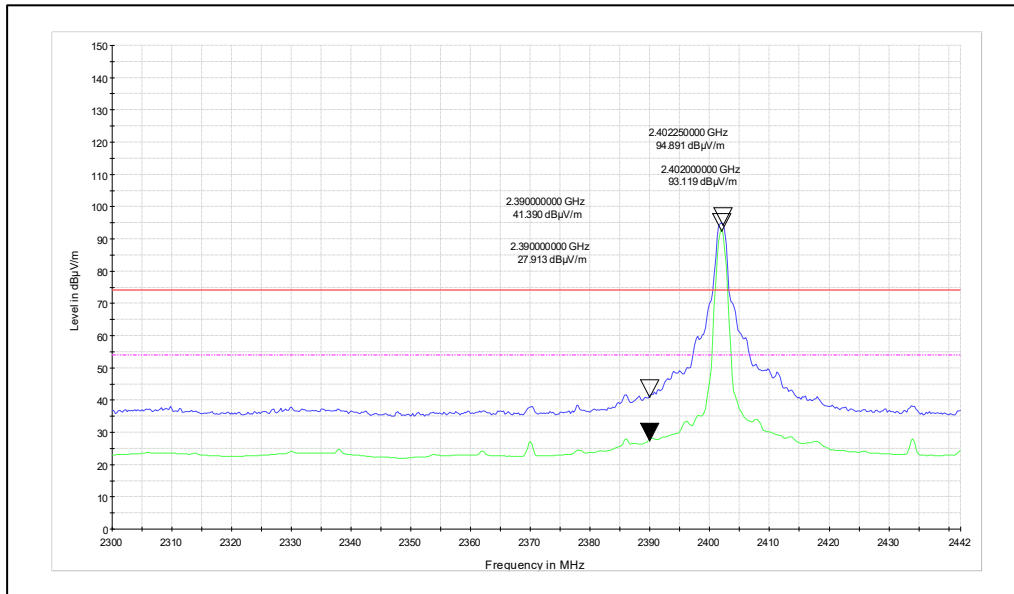
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Test Plots:

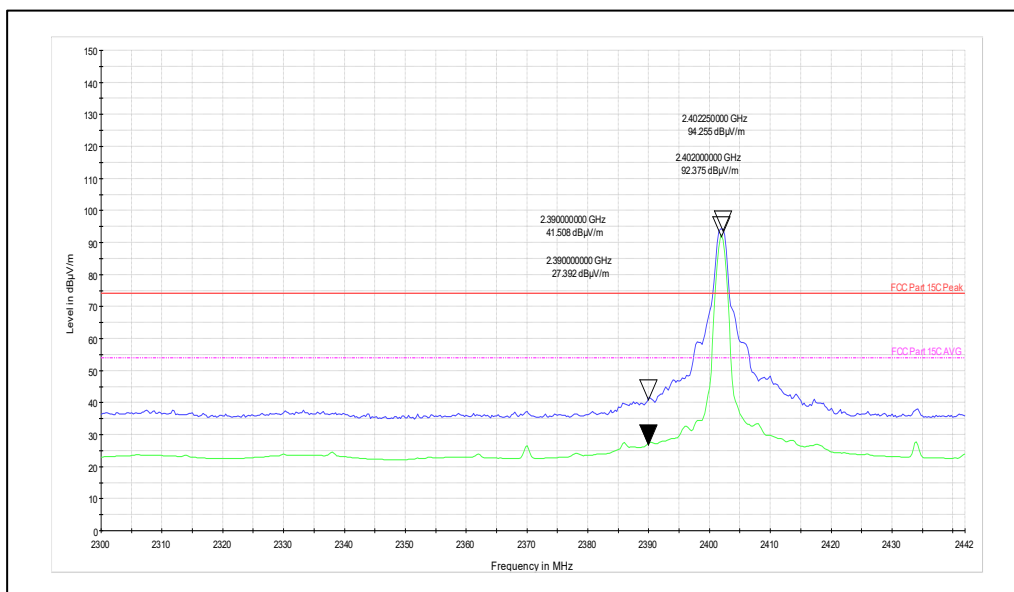
Restricted Bands of Operation

Data Rate: 1Mbps



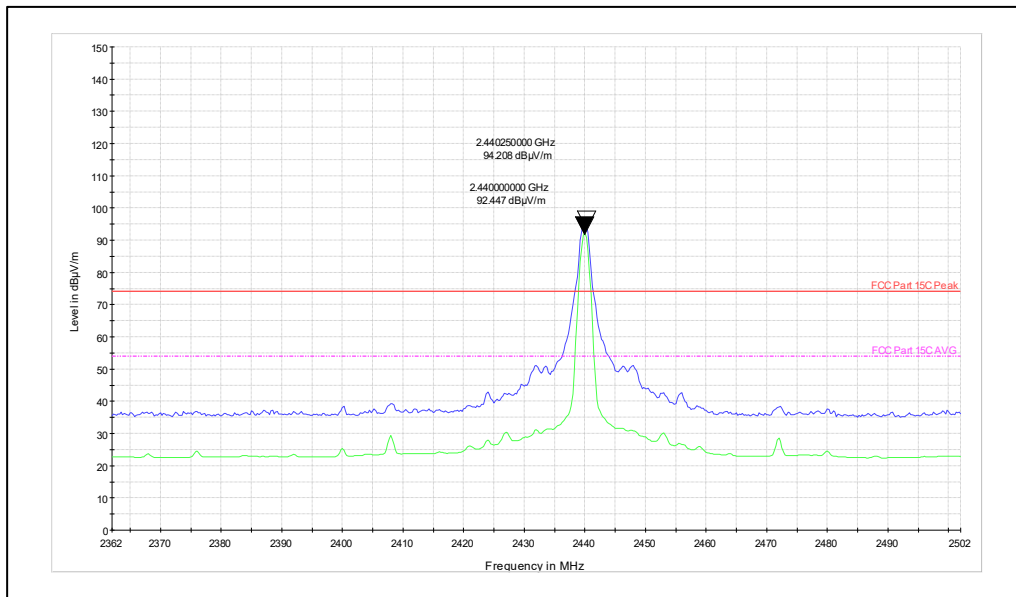
Channel Frequency: 2402MHz

Polarization: Vertical



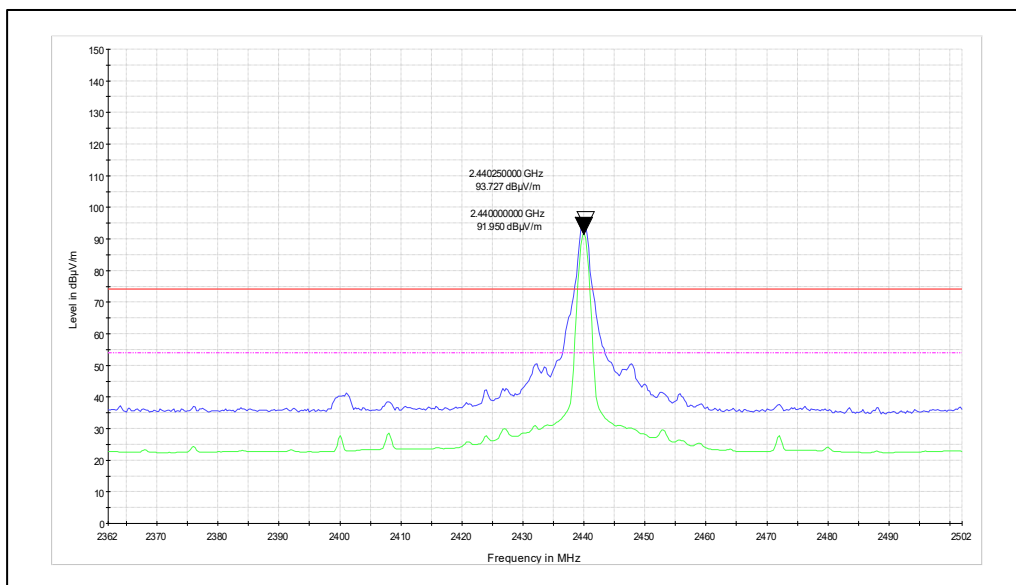
Channel Frequency: 2402MHz

Polarization: Horizontal



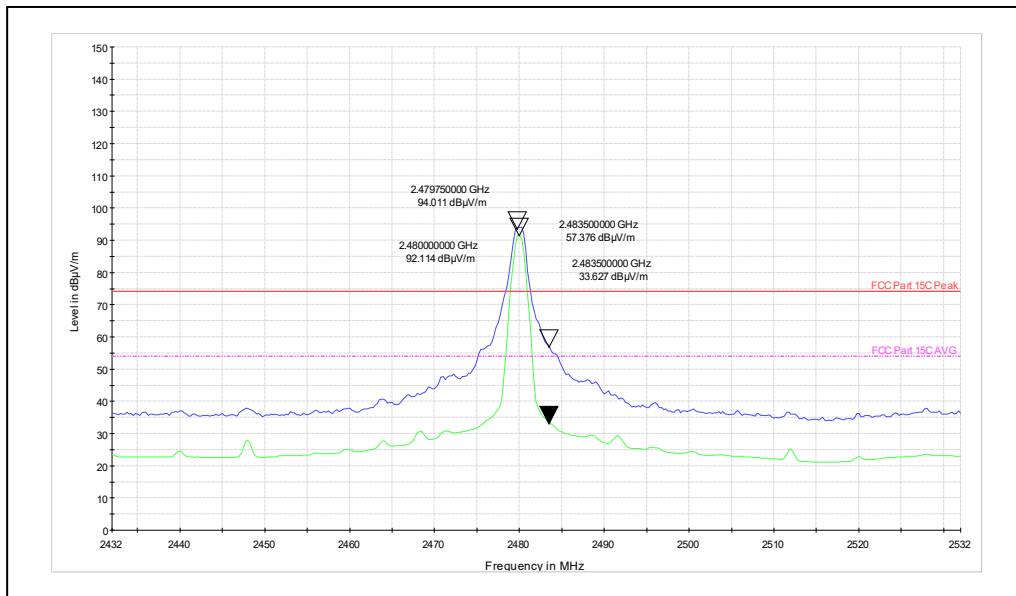
Channel Frequency: 2440MHz

Polarization: Vertical



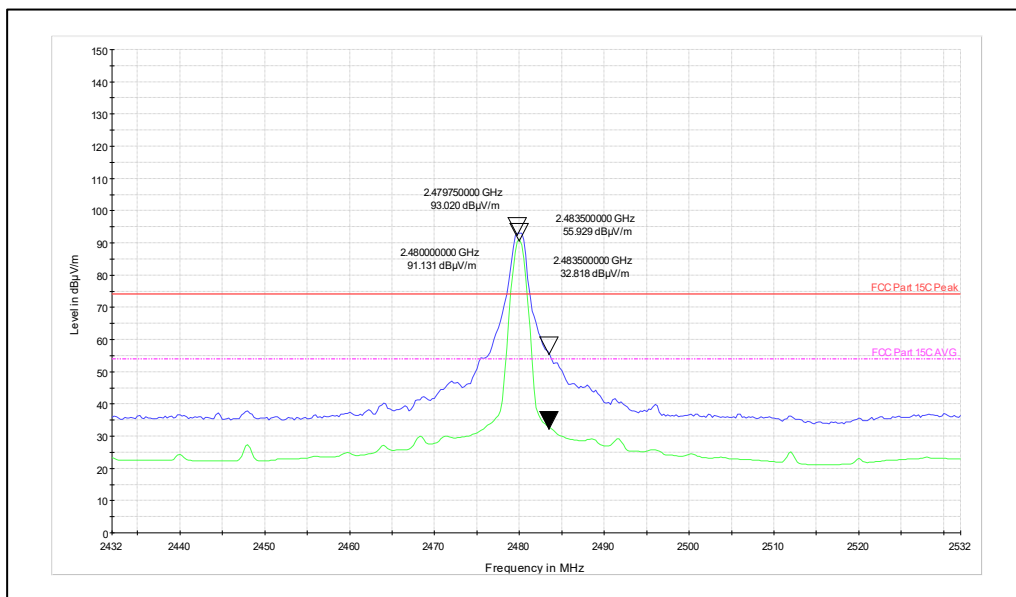
Channel Frequency: 2440MHz

Polarization: Horizontal



Channel Frequency: 2480MHz

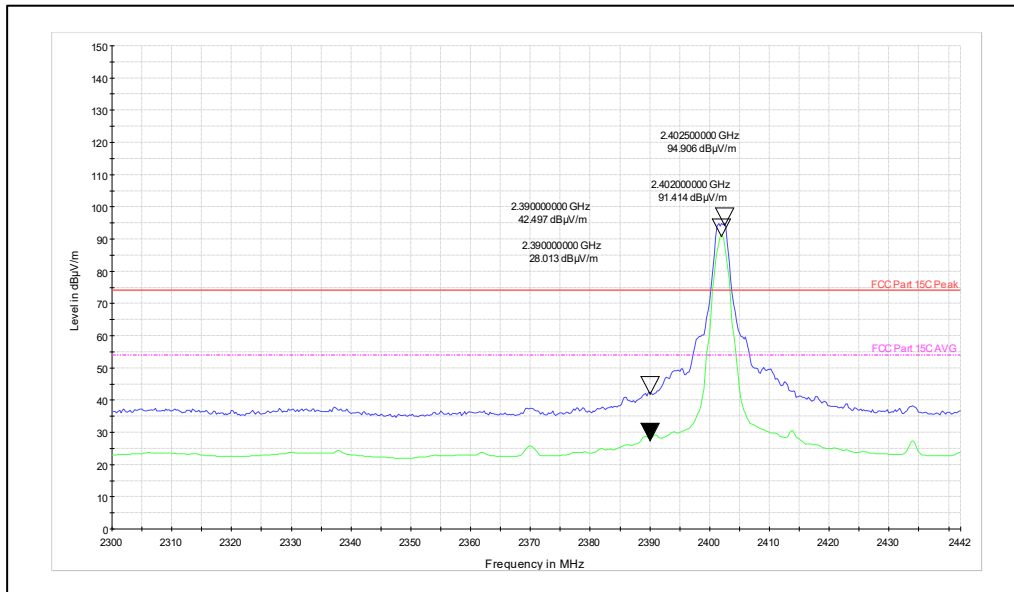
Polarization: Vertical



Channel Frequency: 2480MHz

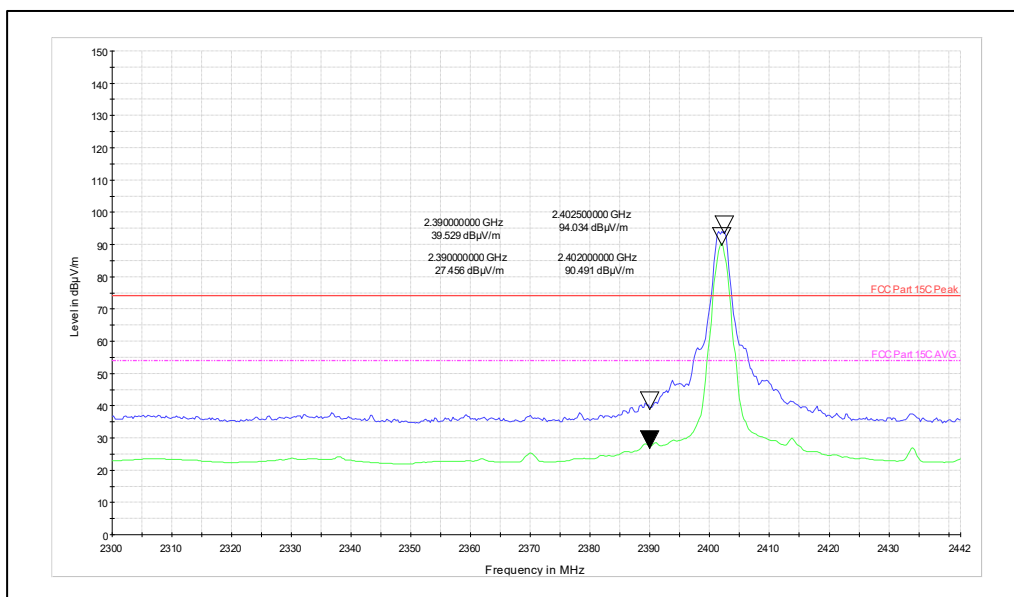
Polarization: Horizontal

Data Rate: 2Mbps



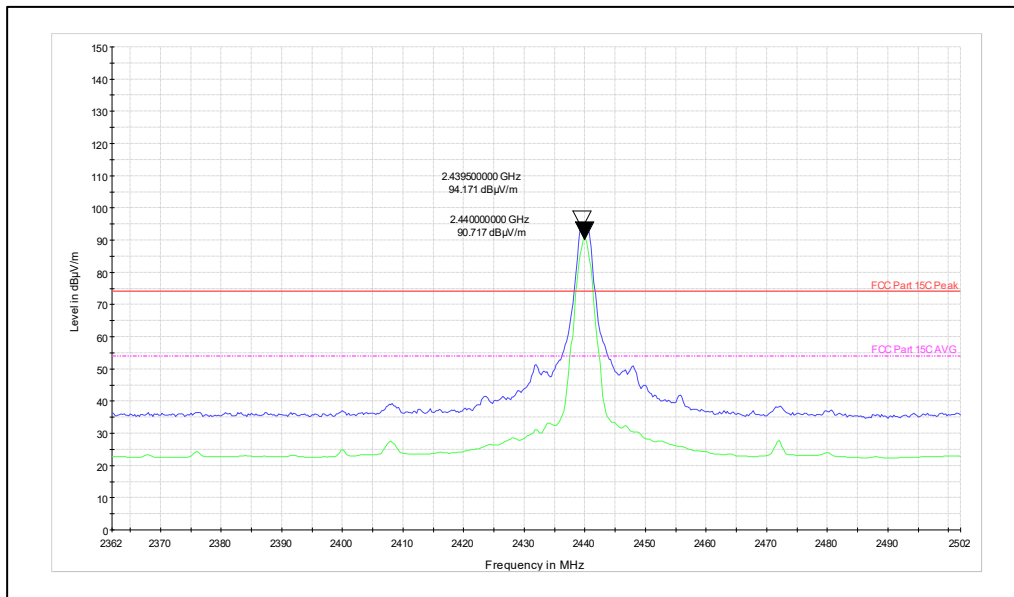
Channel Frequency: 2402MHz

Polarization: Vertical



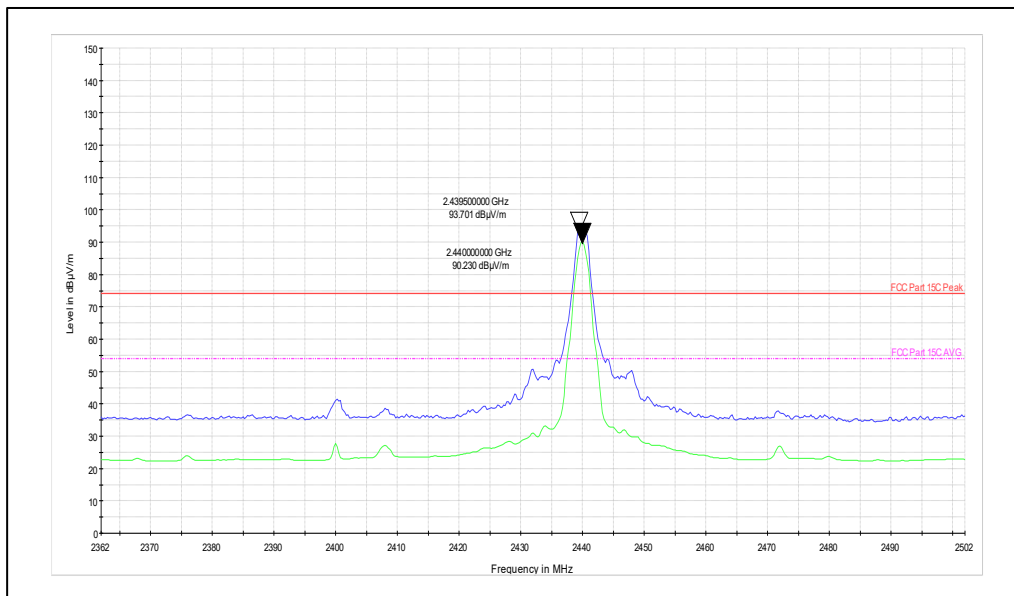
Channel Frequency: 2402MHz

Polarization: Horizontal



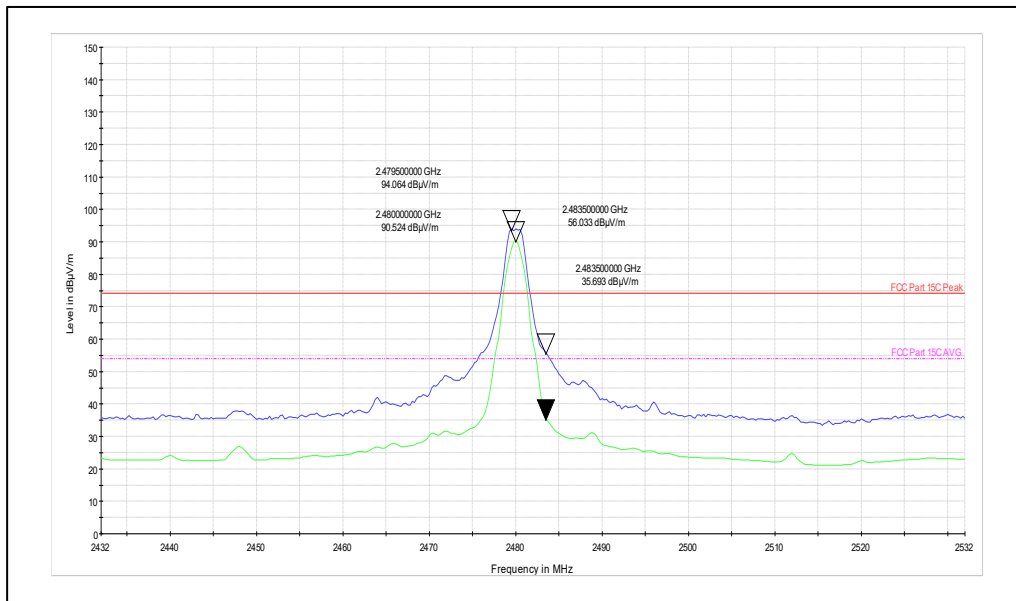
Channel Frequency: 2440MHz

Polarization: Vertical



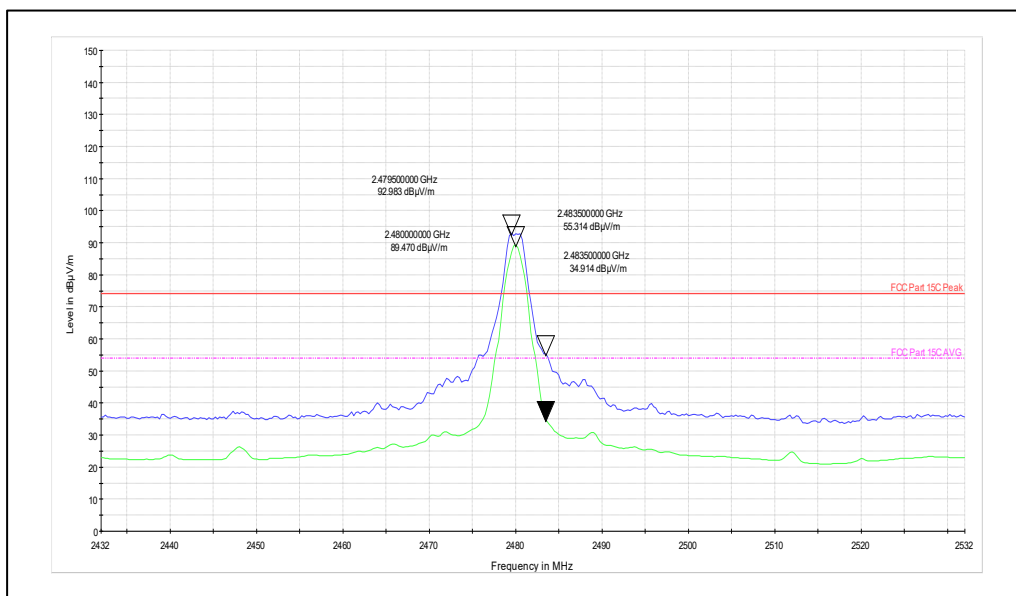
Channel Frequency: 2440MHz

Polarization: Horizontal



Channel Frequency: 2480MHz

Polarization: Vertical



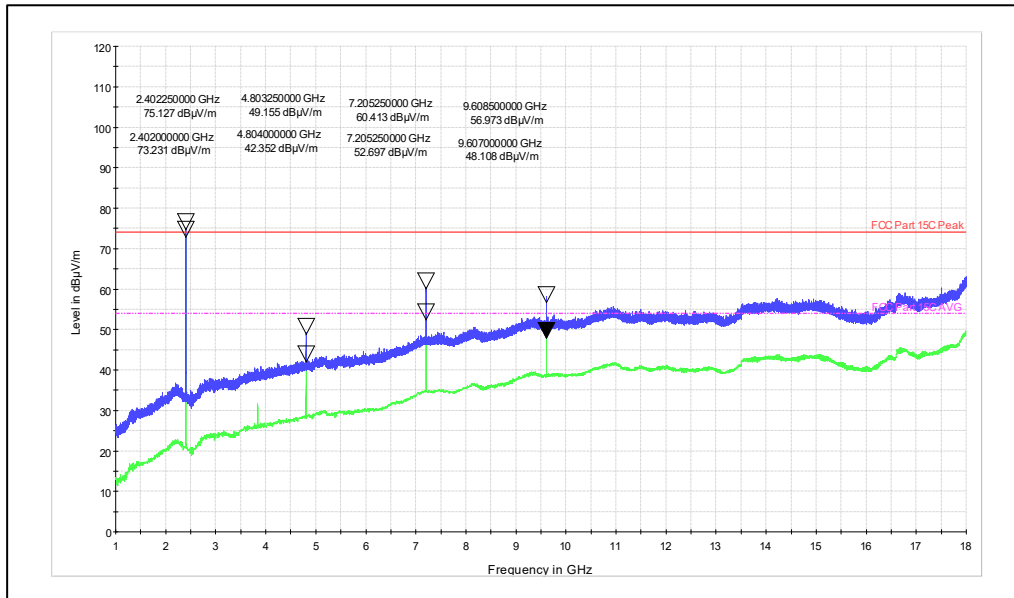
Channel Frequency: 2480MHz

Polarization: Horizontal

Spurious Radiated emission:

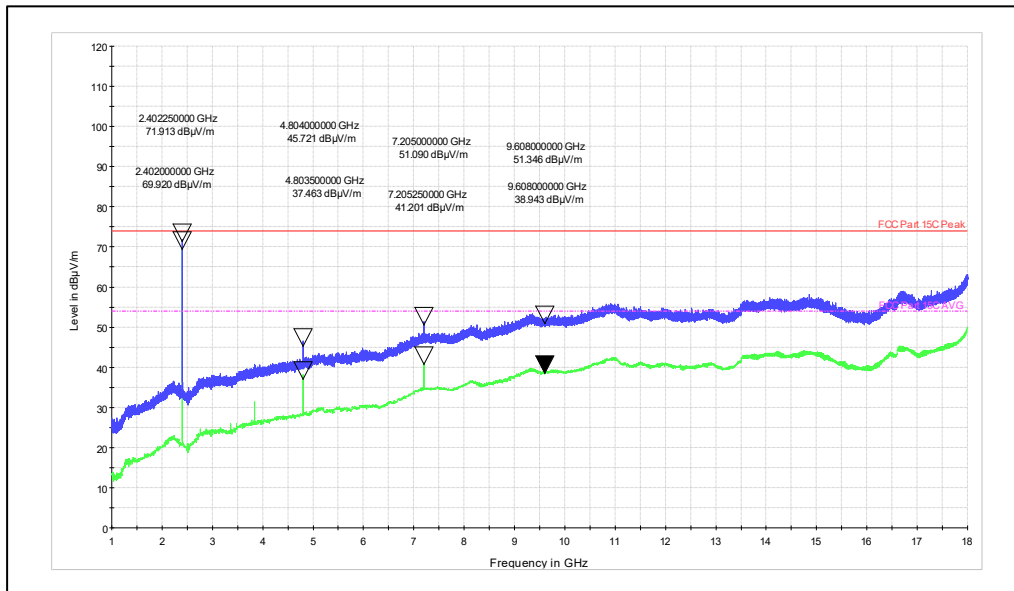
Data Rate: 1Mbps

Channel frequency: 2402MHz



Polarization: Vertical

Frequency range: 1GHz to 18GHz



Polarization: Horizontal

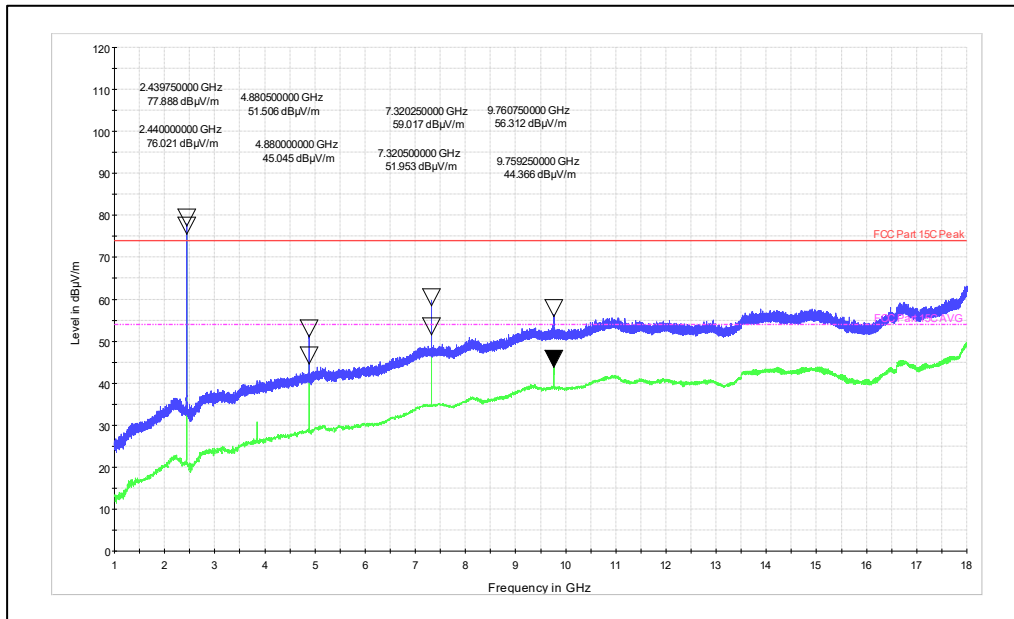
Frequency range: 1GHz to 18GHz

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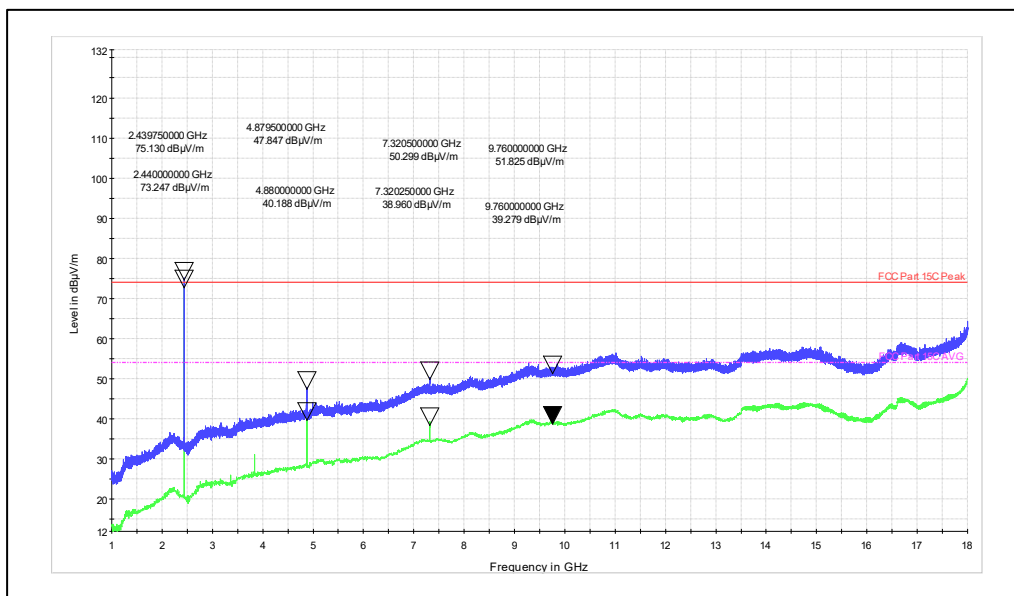
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Channel Frequency: 2440MHz



Polarization: Vertical

Frequency range: 1GHz to 18GHz



Polarization: Horizontal

Frequency range: 1GHz to 18GHz

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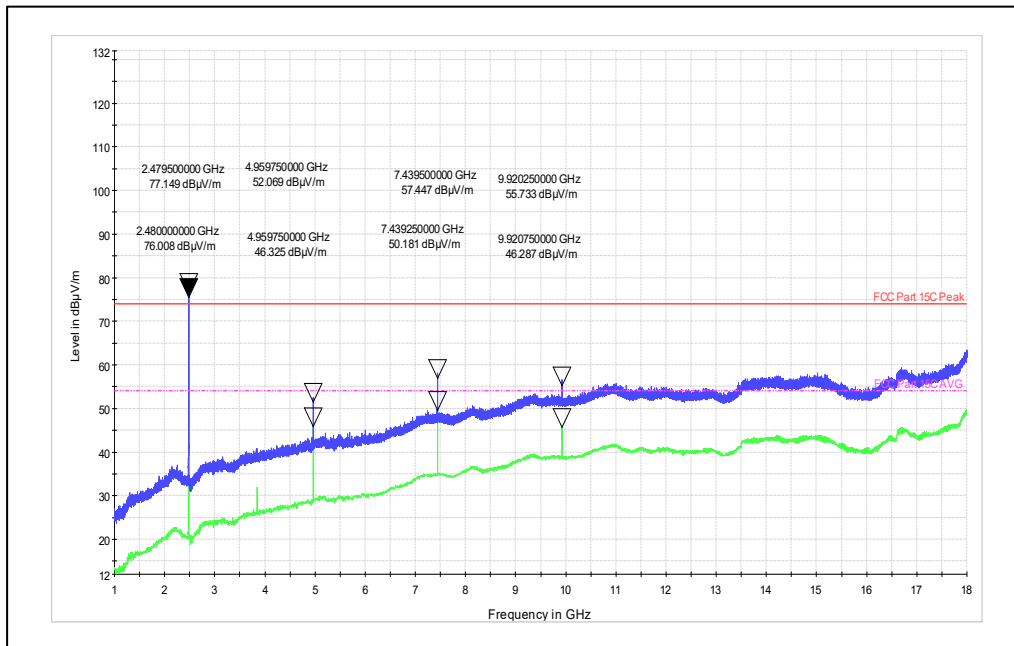
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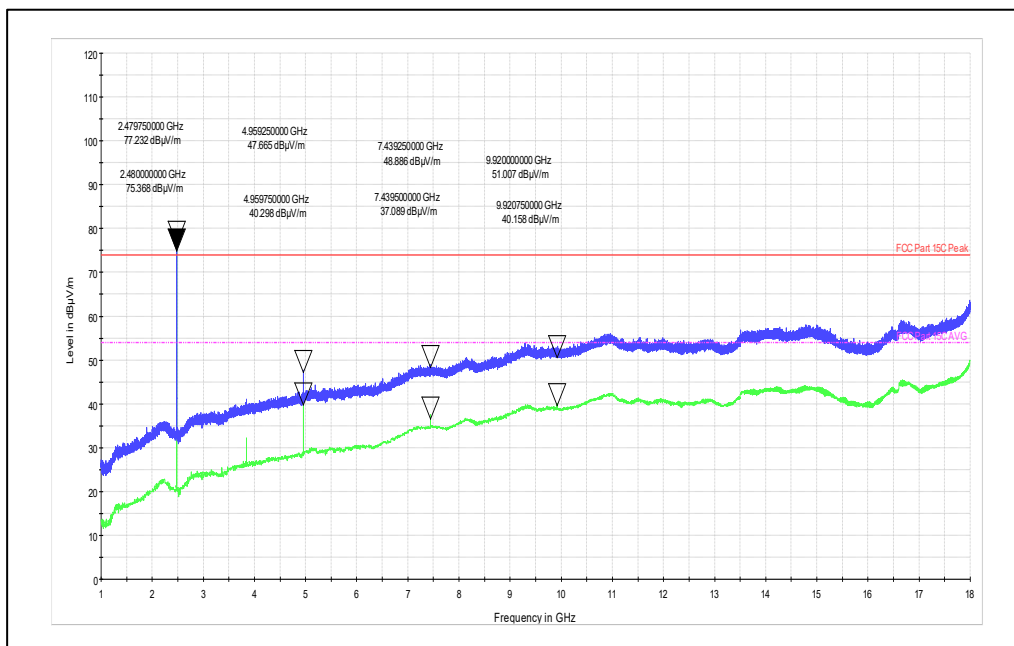
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Channel Frequency: 2480MHz



Polarization: Vertical

Frequency range: 1GHz to 18GHz



Polarization: Horizontal

Frequency range: 1GHz to 18GHz

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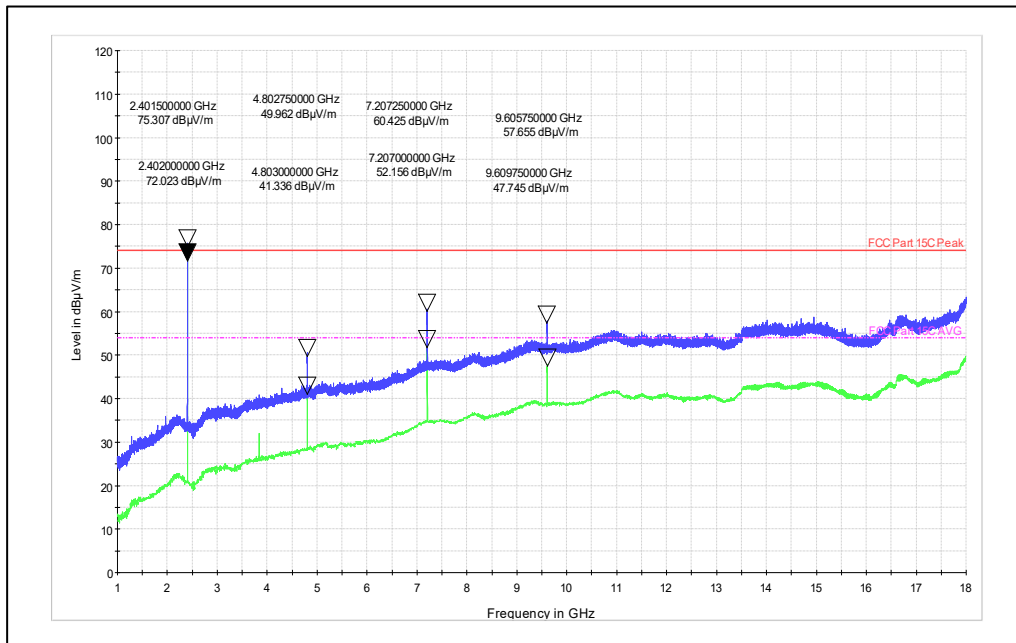
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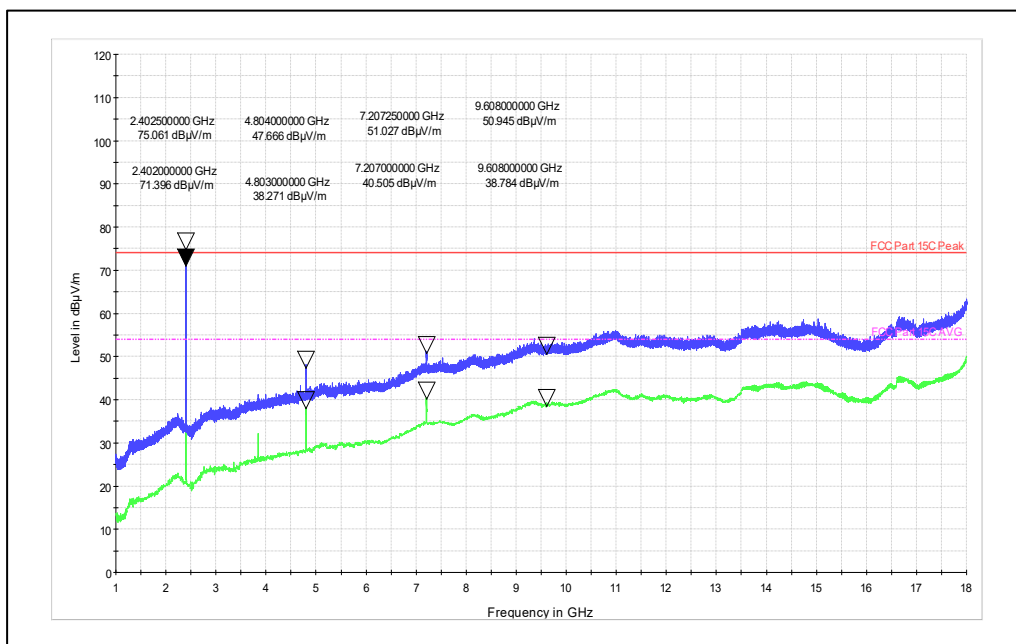
Data Rate: 2Mbps

Channel Frequency: 2402MHz



Polarization: Vertical

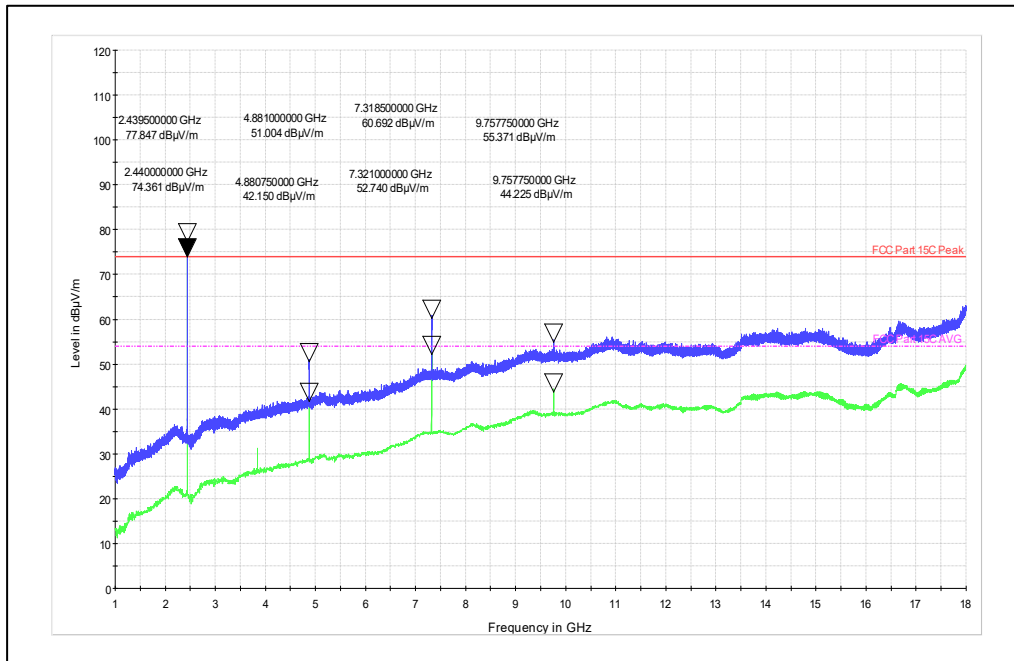
Frequency range: 1GHz to 18GHz



Polarization: Horizontal

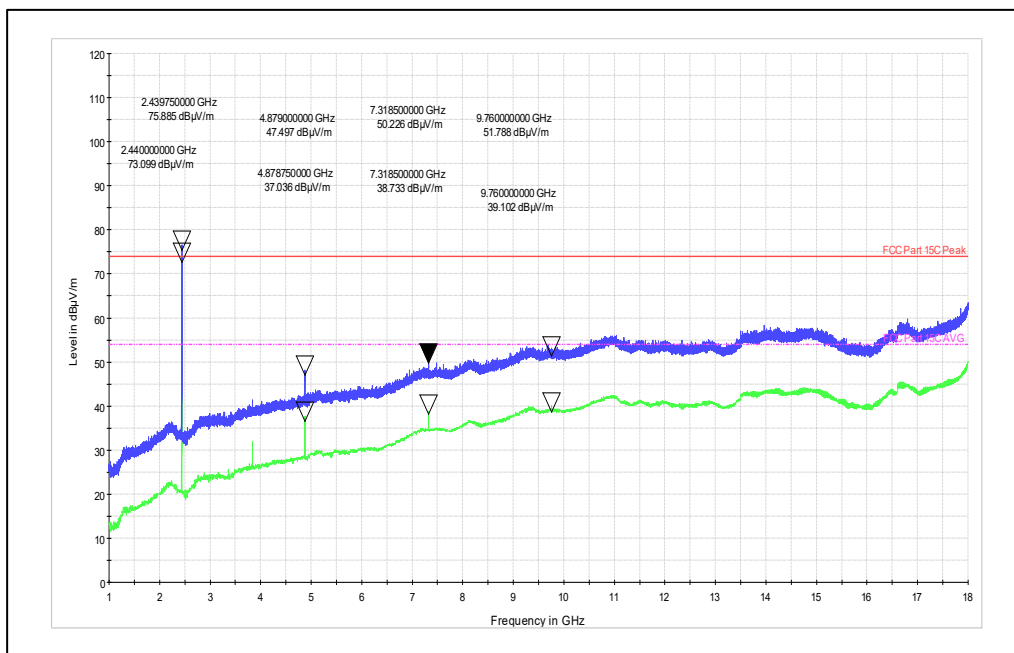
Frequency range: 1GHz to 18GHz

Channel Frequency: 2440MHz



Polarization: Vertical

Frequency range: 1GHz to 18GHz



Polarization: Horizontal

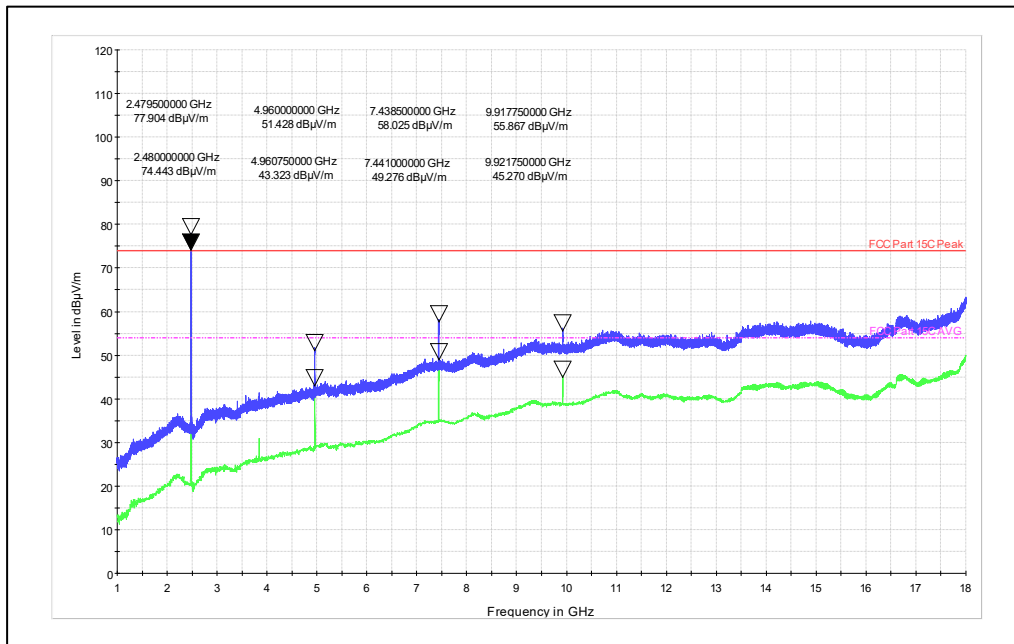
Frequency range: 1GHz to 18GHz

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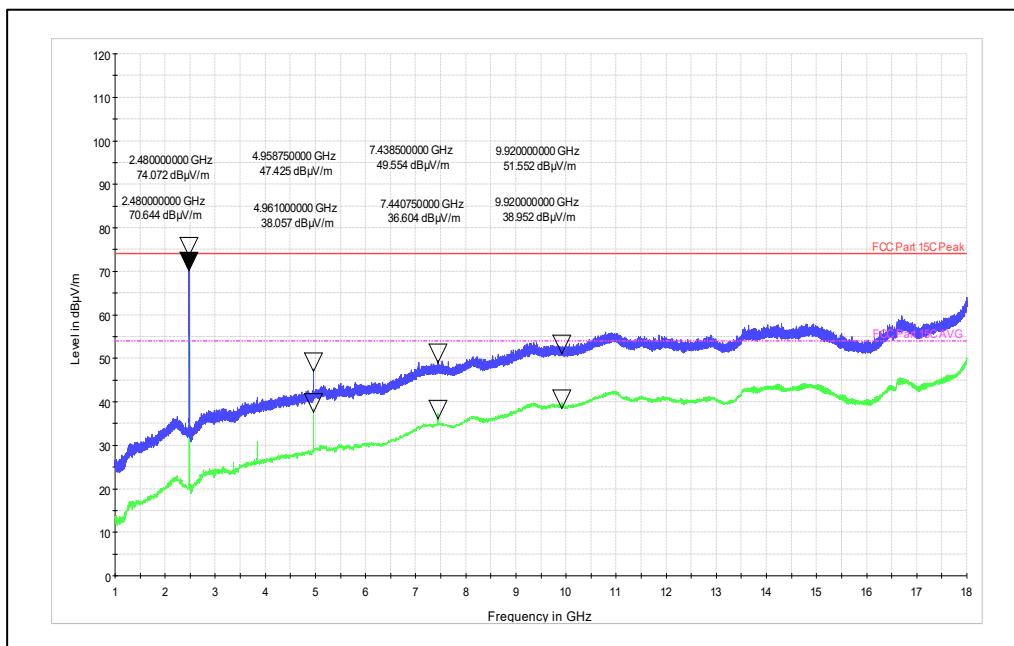
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Channel Frequency: 2480MHz



Polarization: Vertical

Frequency range: 1GHz to 18GHz



Polarization: Horizontal

Frequency range: 1GHz to 18GHz

Note :

No emissions found in frequency range 18GHz to 26GHz, and measured levels are below 20dB from the limit line,

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End of test report