



Report Number: R15980274-E10
Issue Date: 2025-12-12
Product Name: GSM/WCDMA/LTE/NR/SCS/NTN
Phone + BT/BLE, DTS/UNII
a/b/g/n/ac/ax/be, WPT and NFC
Model Number: SM-S942U, SM-S942U1

Electromagnetic Compatibility Test Report

For

Samsung Electronics Co Ltd
129, Samsung-ro, Yeongtong-gu, Suwon-si,
Gyeonggi-do, 16677, Rep. of Korea



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EUT: GSM/WCDMA/LTE/NR/SCS/NTN Phone +
BT/BLE, DTS/UNII a/b/g/n/ac/ax/be, WPT and NFC

MODEL: SM-S942U, SM-S942U1

Test Report Details

Tests Performed By: UL LLC
12 Laboratory Dr..
Durham, NC 27713, USA

Tests Performed For: Samsung Electronics Co Ltd
129, Samsung-ro, Yeongtong-gu, Suwon-si,
Gyeonggi-do, 16677, Rep. of Korea

Issue Date: 2025-12-12

Product Name: GSM/WCDMA/LTE/NR/SCS/NTN Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax/be,
WPT and NFC

Model Number Tested: SM-S942U, SM-S942U1

FCC ID: A3LSMS942U

Sample Serial Number: YHK0046M, YHK0177M, YHK0082M, YHK0065M, YHK0076M, YHK0074M,
YHK0129M, YHK0161M, YHK0165M

Applicable Standards: FCC 47 CFR PART 15 SUBPART B: 2025
ICES-003 ISSUE 7:2020
ICES-Gen, ISSUE 2: 2024
ANSI C63.4-2014

Date Test Item Received: 2025-09-09, 2025-09-11, 2025-09-19, 2025-09-22, 2025-10-01,
2025-10-01, 2025-10-07

Testing Start Date: 2025-09-09

Date Testing Complete: 2025-10-10

Overall Results: **COMPLIANT**

UL LLC tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise.

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BT/BLE, DTS/UNII a/b/g/n/ac/ax/be, WPT and NFC

MODEL: SM-S942U, SM-S942U1

Report Revision History

Revision Date	Revision Version	Description	Revised By	Revision Reviewed By
2025-11-25	V1	Initial Issue	Manish Baral	Brian Kiewra
2025-12-12	V2	Editorial revisions	Manish Baral	Jeff Moser

1.0 SUMMARY

All tests were performed in accordance with ANSI C63.4:2014, ICES-003 ISSUE 7:2020, and ICES-Gen ISSUE 2: 2024.

1.1 Deviations from standard test methods

None

1.2 Device Modifications Necessary for Compliance

None

1.3 Applicable Standards

Standard
FCC 47 CFR PART 15 SUBPART B: 2025
ICES-003 ISSUE 7: 2020
ICES-Gen ISSUE 2: 2024
ANSI C63.4-2014

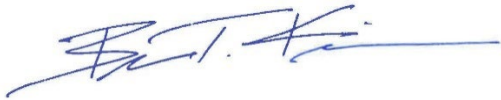
1.4 Summary of Tests

This product is considered Class B

Requirement – Test	Result (Compliant / Non-Compliant)
CONDUCTED EMISSIONS	Compliant
RADIATED EMISSIONS	

Approved & Released For

UL LLC. By:



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Project Engineer
CONSUMER, MEDICAL, and IT SEGMENT
UL LLC.

Prepared By:



Manish Baral
Engineer
CONSUMER, MEDICAL, and IT SEGMENT
UL LLC.

2.0 DECISION RULES AND MEASUREMENT UNCERTAINTY

2.1 Metrological Traceability

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, with a maximum time between calibrations of one year or the manufacturers' recommendation, whichever is less, and where applicable is traceable to recognized national standards.

2.2 Decision Rules

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4: 2012 Clause 8.2. (Measurement uncertainty is not taken into account when stating conformity with a specified requirement).

2.3 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	U_{lab}
Worst Case Conducted Disturbance, 0.15 to 30 MHz	± 3 dB
Worst Case Radiated Disturbance, All ranges	± 6 dB

Uncertainty figures are valid to a confidence level of 95%.

2.4 Sample Calculation

RADIATED EMISSIONS

Where relevant, the following sample calculation is provided:

Field Strength (dBuV/m) = Measured Voltage (dBuV) + Antenna Factor (dB/m) + Cable Loss (dB) – Preamp Gain (dB)

$$36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB} = 28.9 \text{ dBuV/m}$$

MAINS CONDUCTED EMISSIONS

Where relevant, the following sample calculation is provided:

Final Voltage (dBuV) = Measured Voltage (dBuV) + Cable Loss (dB) + Limiter Factor (dB) + LISN Insertion Loss.

$$36.5 \text{ dBuV} + 0 \text{ dB} + 10.1 \text{ dB} + 0 \text{ dB} = 46.6 \text{ dBuV}$$

3.0 GENERAL - Product Description

3.1 Equipment Description

The EUT is an GSM/WCDMA/LTE/NR/SCS/NTN Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax/be, WPT and NFC.

3.2 Equipment Marking Plate

N/A

3.3 Device Configuration During Test

3.3.1 Equipment Used During Test:

Use	Product Type	Manufacturer	Model	Comments
EUT	GSM/WCDMA/LTE/NR/SCS/NTN Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax/be, WPT and NFC	Samsung	SM-S942U, SM-S942U1	None
AE	AC Adapter	Flextronics	G-1000-US	Used to Power EUT
Note: EUT - Equipment Under Test, AE - Auxiliary/Associated Equipment, or SIM - Simulator (Not Subjected to Test)				

3.3.2 Input/Output Ports:

Port #	Name	Type*	Cable Max. >3m (Y/N)	Cable Shielded (Y/N)	Comments
0	Enclosure	N/E	N/A	N/A	EUT Housing
1	Charging Cable	DC	N	Y	None
*Note: AC = AC Power Port DC = DC Power Port N/E = Non-Electrical I/O = Signal Input or Output Port (Not Involved in Process Control) TP = Telecommunication Ports					

3.3.3 EUT Internal Operating Frequencies:

Frequency (MHz)	Description
7115	Highest internal frequency.

3.3.4 Power Interface:

Mode # /Rated	Voltage (V)	Current (A)	Power (W)	Frequency (DC/AC-Hz)	Phases (#)	Comments
Rated	5 Vdc	1	-	DC	-	None
1	5 Vdc	1	-	DC	-	Phone

3.3.5 Subassemblies

Description	Manufacturer	Model
None		

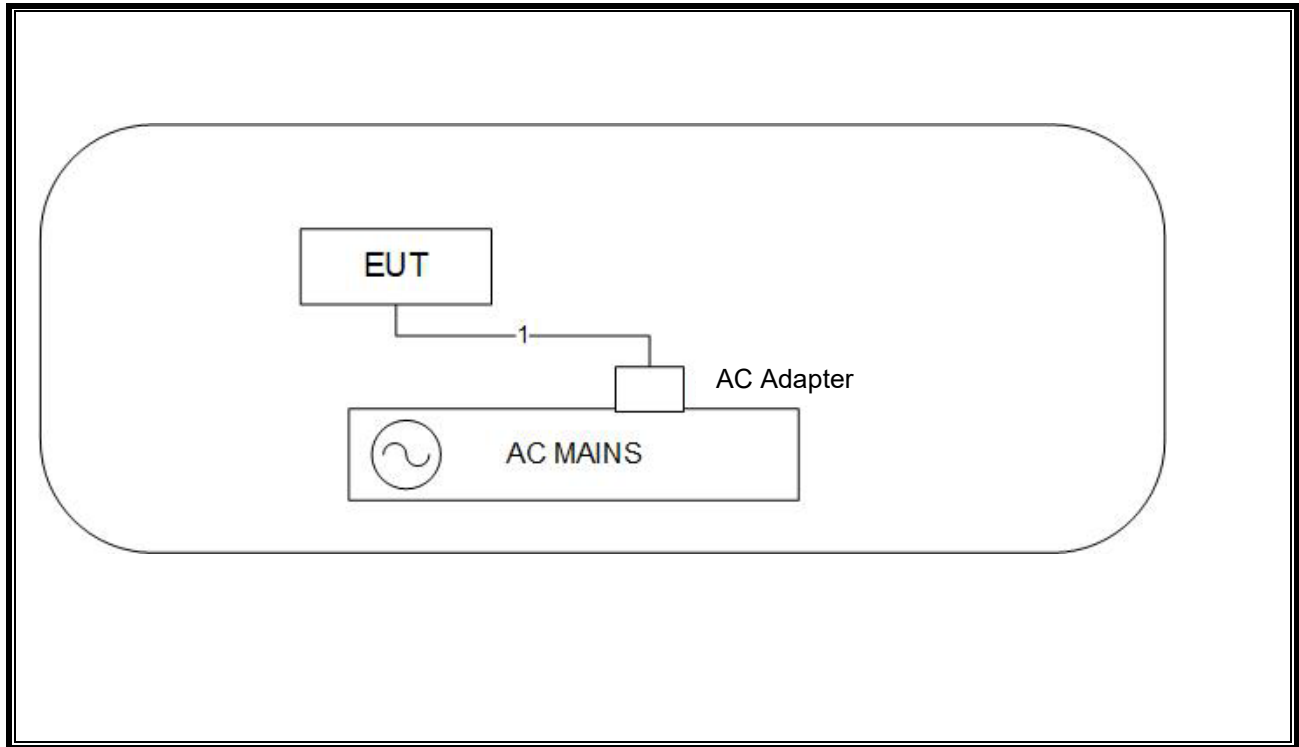
3.3.6 Manufacturer's Description of Model Differences

This report covers 2 models, the model differences and the representative model is shown below:

Representative Model	Difference	Derivative Model
		SM-S942U1
SM-S942U	Hardware	Same as SM-S942U
	Software	Different UI

3.4 Block Diagram:

The diagram below illustrates the configuration of the equipment above.



3.5 EUT Configurations

Configuration #	Description
1	The EUT is tested as tabletop equipment and connected to power for charging.

3.6 EUT Operation Modes

Mode of Operation#	Description
1	The EUT is connected to power for charging and the radios are left in an idle state.
2	The EUT is powered on and configured to run as intended. Its WWAN radios are set to Rx mode. The EUT supports LTE B26, LTE B5, LTE B12, LTE B13, LTE B71, LTE B14, GSM850, WCDMA850, NR n26, NR n12, NR n71, NR n14. Band 26, 12, 13, and 71 were tested to represent all applicable supported bands (30-960 MHz).

3.7 Rationale for EUT Configurations

Configuration #	Description
1	The EUT can operate while charging and also under the power of its own battery. Both configurations were investigated and it was found that charging is the worst-case. The selected EUT configuration was chosen to maximize emissions. The EUT was investigated in three orthogonal orientations. Through pretesting, it was determined that the Z-orientation was worst-case. Therefore, all testing was performed with the EUT in the Z-orientation.

3.8 Rationale for EUT Mode of Operation

Mode of Operation #	Description
1	This report covers unintentional emissions. Therefore, testing was performed with the radio idle.
2	This report covers unintentional emissions. Therefore, testing was performed with the WWAN radios set to receive. The supported bands are LTE B26, LTE B5, LTE B12, LTE B13, LTE B71, LTE B14, GSM850, WCDMA850, NR n26, NR n12, NR n71, NR n14. Band 26, 12, 13, and 71 were tested to represent all applicable supported bands (30-960 MHz)..

4.0 APPLICABLE EMISSIONS LIMITS AND TEST RESULTS

This report contains data provided by the applicant which can impact the validity of results. UL LLC is only responsible for the validity of results after the integration of the data provided by the customer.

4.1 Test Conditions and Results – MAINS TERMINAL – CONDUCTED EMISSIONS

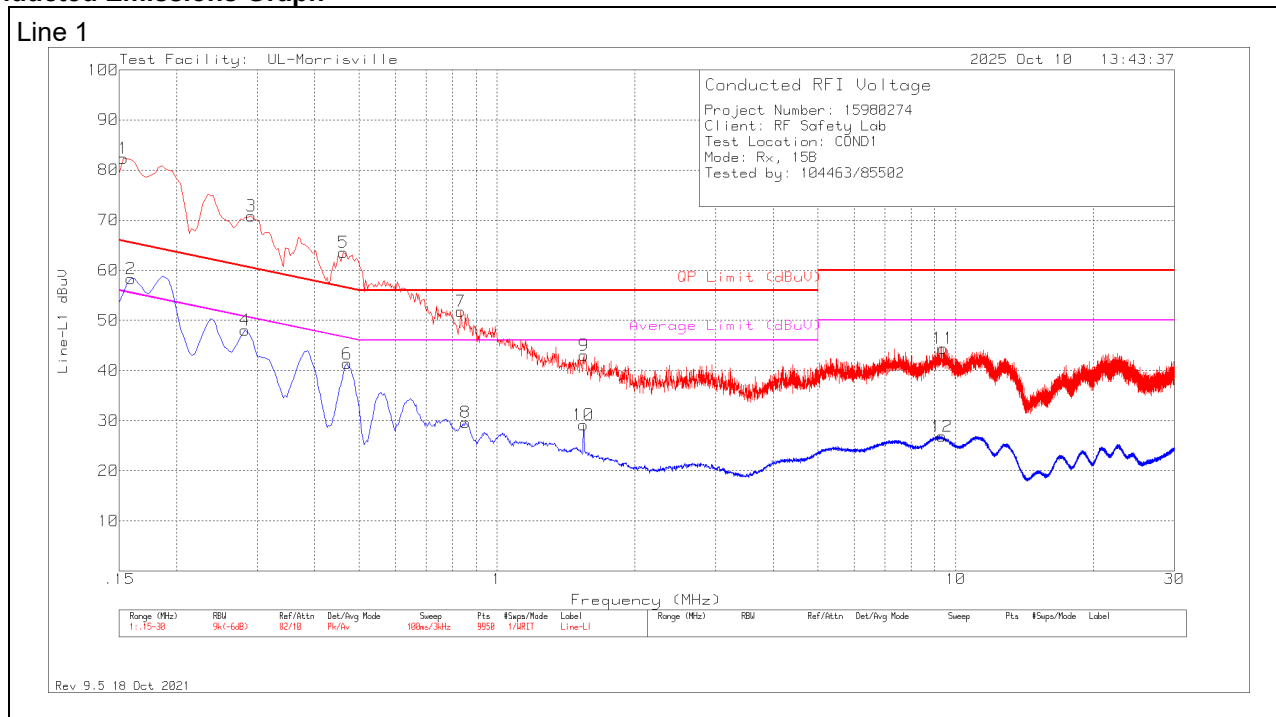
Test Standards	ANSI C63.4-2014 ICES-003 ISSUE 7: 2020 ICES-GEN ISSUE 2: 2024	
Test Engineer	104463/85502	
Test Date	2025-10-10	
Laboratory Parameters	Required prior to the test	During the test
Ambient Temperature	10-40°C	25 °C
Humidity	10% - 90%	39.5%
	Frequency range on each side of line	Measurement Point
Fully configured sample scanned over the following frequency range	150kHz to 30MHz	Mains
Limits – Class B		
Frequency (MHz)	Limit (dBμV)	
	Quasi-Peak	Average
0.15-0.5	66 to 56	56 to 46
0.5-5	56	46
5-30	60	50
Supplementary information: None		

Conducted Emissions EUT Configuration Settings

Power Interface #	EUT Configurations #	EUT Mode of Operation#
1	1	1
Supplementary information: None		

Conducted Emissions Test Equipment**Test Equipment Used - Line-Conducted Emissions – Voltage (Morrisville – Conducted 1)**

Equipment ID	Description	Manufacturer	Model Number	Last Cal.	Next Cal.
CBL087	Coax cable, RG223, N-male to BNC-male, 20-ft.	Pasternack	PE3W06143-240	2025-04-17	2026-04-17
179892	Environmental Meter	Fisher Scientific	15-077-963	2025-08-5	2026-08-06
80391	LISN, 50-ohm/50-uH, 250uH 2-conductor, 25A	Fischer Custom Com.	FCC-LISN-50/250-25-2-01	2025-09-29	2026-09-29
75141	EMI Test Receiver 9kHz-7GHz	Rohde & Schwarz	ESCI 7	2025-7-30	2026-07-30
52859	Transient Limiter, 0.009-100MHz	Electro-Metrics	EM-7600	2025-7-30	2026-07-30
PS216	AC Power Source	Elgar	CW2501M	NA	NA
84681	ANSI C63.4 1m extension cable.	UL	Per Annex B of ANSI C63.4	2025-04-17	2026-04-17
SOFTEMI	EMI Software	UL	Version 9.5 (18 Oct 2021)		

Results**Conducted Emissions Graph****Conducted Emissions Data Points**

Range 1: Line-L1 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
1	.1542	51.27	Qp	.2	9.7	61.17	65.77	-4.6	-	-
2	.1542	31.71	Ca	.2	9.7	41.61	-	-	55.77	-14.16
4	.28481	42.74	Qp	.1	9.7	52.54	60.67	-8.13	-	-
3	.28481	23.48	Ca	.1	9.7	33.28	-	-	50.67	-17.39
5	.44458	35.06	Qp	0	9.7	44.76	56.98	-12.22	-	-
6	.44458	20.61	Ca	0	9.7	30.31	-	-	46.98	-16.67
7	.83501	22.71	Qp	0	9.7	32.41	56	-23.59	-	-
8	.83501	8.09	Ca	0	9.7	17.79	-	-	46	-28.21
10	1.545	19.42	Av	0	9.7	29.12	-	-	46	-16.88
9	1.548	33.34	Pk	0	9.7	43.04	56	-12.96	-	-
12	9.33	17.05	Av	.1	9.7	26.85	-	-	50	-23.15
11	9.384	34.6	Pk	.1	9.7	44.4	60	-15.6	-	-

Pk - Peak detector

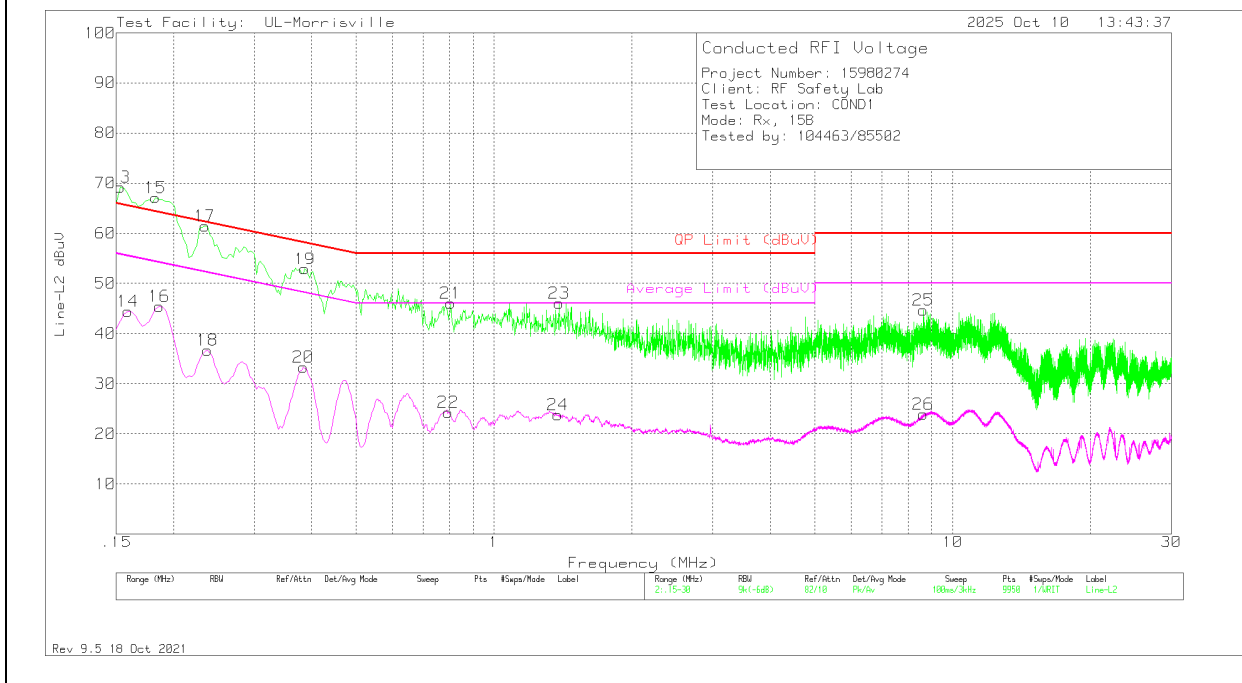
Av - Average detection

Qp - Quasi-Peak detector

Ca - CISPR average detection

Conducted Emissions Graph

Line 2

**Conducted Emissions Data Points**

Range 2: Line-L2 .15 - 30MHz										
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	LISN VDF (dB)	Cbl/Limiter (dB)	Corrected Reading dBuV	QP Limit (dBuV)	Margin (dB)	Average Limit (dBuV)	Margin (dB)
13	.16073	50.16	Qp	.2	9.7	60.06	65.43	-5.37	-	-
14	.159	34.48	Av	.2	9.7	44.38	-	-	55.52	-11.14
15	.16572	49.94	Qp	.2	9.7	59.84	65.17	-5.33	-	-
16	.186	35.52	Av	.2	9.7	45.42	-	-	54.21	-8.79
17	.21654	44.44	Qp	.1	9.7	54.24	62.95	-8.71	-	-
18	.237	26.82	Av	.1	9.7	36.62	-	-	52.2	-15.58
20	.384	23.52	Av	.1	9.7	33.32	-	-	48.19	-14.87
19	.373	33.34	Qp	.1	9.7	43.14	58.43	-15.29	-	-
22	.795	14.59	Av	0	9.7	24.29	-	-	46	-21.71
21	.804	36.38	Pk	0	9.7	46.08	56	-9.92	-	-
24	1.377	14.1	Av	0	9.7	23.8	-	-	46	-22.2
23	1.386	36.34	Pk	0	9.7	46.04	56	-9.96	-	-
25	8.622	34.91	Pk	.1	9.7	44.71	60	-15.29	-	-
26	8.637	14.12	Av	.1	9.7	23.92	-	-	50	-26.08

Pk - Peak detector

Av - Average detection

Qp - Quasi-Peak detector

5.0 APPLICABLE EMISSIONS LIMITS AND TEST RESULTS

This report contains data provided by the applicant which can impact the validity of results. UL LLC is only responsible for the validity of results after the integration of the data provided by the customer.

5.1 Test Conditions and Results - RADIATED EMISSIONS

Test Description	Measurements were made in a 3-meter semi-anechoic chamber that complies to CISPR 16/ANSI C63.4. Preliminary (peak) measurements were performed at an antenna to EUT separation distance of 3-meter. The EUT was rotated 360° about its azimuth with the receive antenna located at various heights in both horizontal and vertical polarities. Final measurements (quasi-peak or average as noted) were then performed by rotating the EUT 360° and adjusting the receive antenna height from 1 to 4-meters. All frequencies were investigated in both horizontal and vertical antenna polarity, where applicable.	
Test Standards	ANSI C63.4-2014 ICES-003 ISSUE 7: 2020 ICES-GEN ISSUE 2: 2024	
Test Engineer	84740/11993	
Date Tested	2025-09-12 to 2025-10-09	
Laboratory Parameters	Required prior to the test	During the test
Ambient Temperature	10-40°C	20.0-25 °C
Humidity	10% to 90%	30-60%
	Frequency range	Measurement Point
Fully configured sample scanned over the following frequency range	30 MHz to 18 GHz	3 m
Limits - Class B		
Frequency (MHz)	Limit (dBµV/m)	
FCC Limits for radiated disturbance of Class B ITE at measuring distance of 3 m		
30-88	40	NA
88-216	43.5	NA
216-230	46	NA
230-960	46 (FCC) / 47 (ICES)	NA
Above 960	54	NA
	Peak	Average
Above 1 GHz	74	54
Supplementary information: FCC limits used as worst-case		

Radiated Emissions EUT Configuration Settings

Power Interface #	EUT Configurations #	EUT Mode of Operation#
1	1, 2	1, 2
Supplementary information: None		

Radiated Emissions Test Equipment

Test Equipment Used - Radiated Disturbance Emissions Test Equipment (Morrisville – Chamber 2)

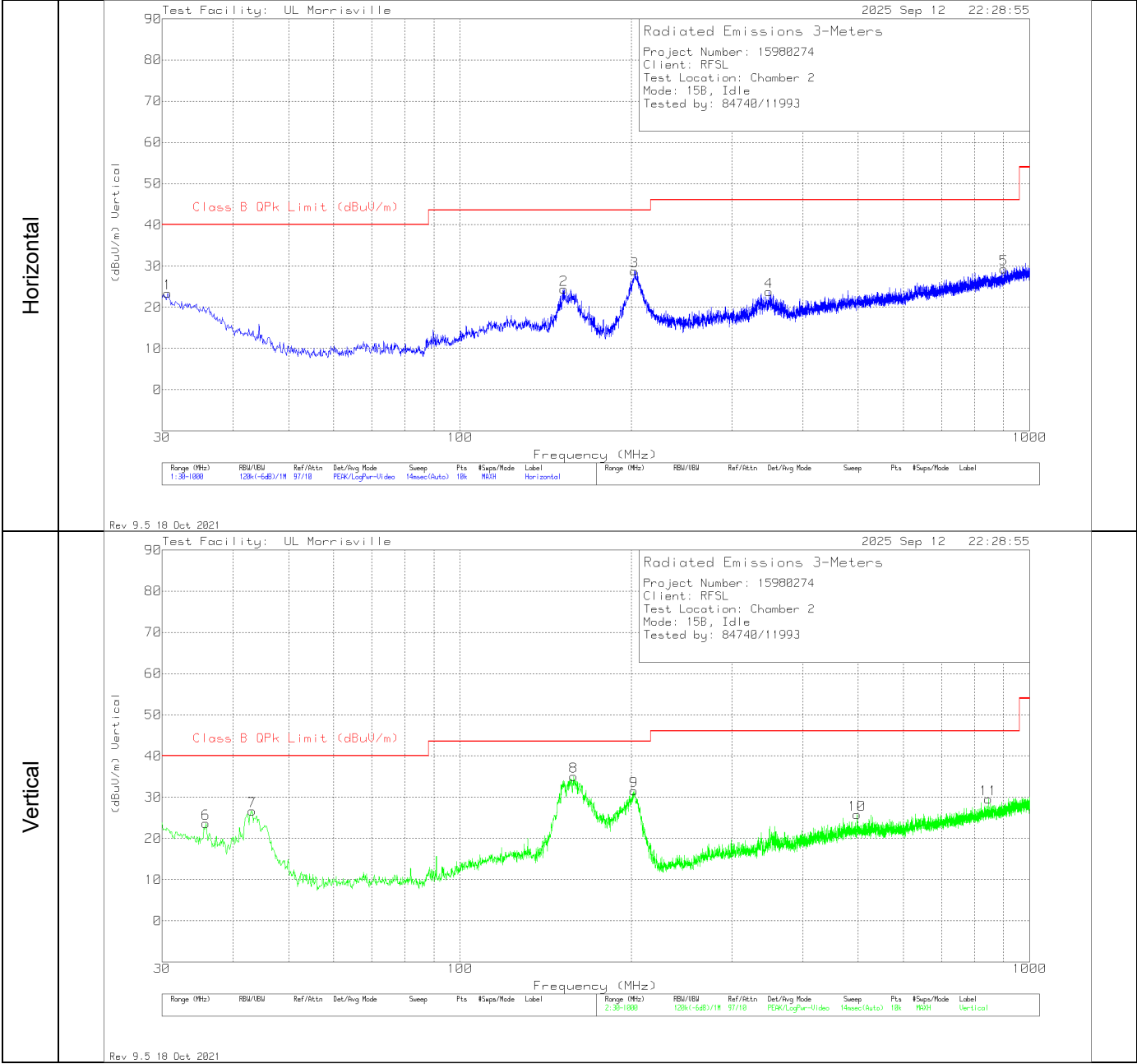
Equip. ID	Description	Manufacturer/Brand	Model Number	Last Cal.	Next Cal.
	30-1000 MHz				
159203	Hybrid Broadband Antenna	Sunol Sciences Corp.	JB3	2024-03-05	2026-03-05
	1-18 GHz				
88761	Double-Ridged Waveguide Horn Antenna, 1 to 18 GHz	ETS Lindgren	3117	2023-10-05	2025-10-05
86408	Double-Ridged Waveguide Horn Antenna, 1 to 18 GHz	ETS Lindgren	3117	2025-07-15	2027-07-15
	Gain-Loss Chains				
91978	Gain-loss string: 25-1000MHz	Various	Various	2025-05-31	2026-05-31
91977	Gain-loss string: 1-18GHz	Various	Various	2025-05-31	2026-05-31
	Receiver & Software				
206496	Spectrum Analyzer	Rohde & Schwarz	ESW44	2025-07-29	2026-07-29
SOFTEMI	EMI Software	UL	Version 9.5 (18 Oct 2021)		
	Additional Equipment used				
239540	Environmental Meter	Fisher Scientific	15-077-963	2025-08-05	2027-08-05
213025	Wideband Radio Communications Tester	Rohde and Schwarz	CMW500	2025-01-14	2026-01-14

Test Equipment Used - Radiated Disturbance Emissions Test Equipment (Morrisville – Chamber 1)

Equip. ID	Description	Manufacturer	Model Number	Last Cal.	Next Cal.
	18-40 GHz				
91186	Horn Antenna, 18-26.5GHz	ARA	MWH-1826/B	2024-05-16	2026-05-16
91187	Horn Antenna, 26-40GHz	ARA	MWH-2640/B	2024-05-17	2026-05-17
	Gain-Loss Chains				
135999	Gain-loss string: 18-40GHz	Various	Various	2025-05-31	2026-05-31
	Receiver & Software				
90416	Spectrum Analyzer	Keysight	N9030A	2025-07-31	2026-07-31
SOFTEMI	EMI Software	UL	Version 9.5 (18 Oct 2021)		
	Additional Equipment used				
241205	Environmental Meter	Fisher Scientific	15-077-963	2025-08-05	2027-08-05

RADIATED EMISSIONS 30 TO 1000 MHz (Config 1, Mode 1)

Radiated Emissions Graph



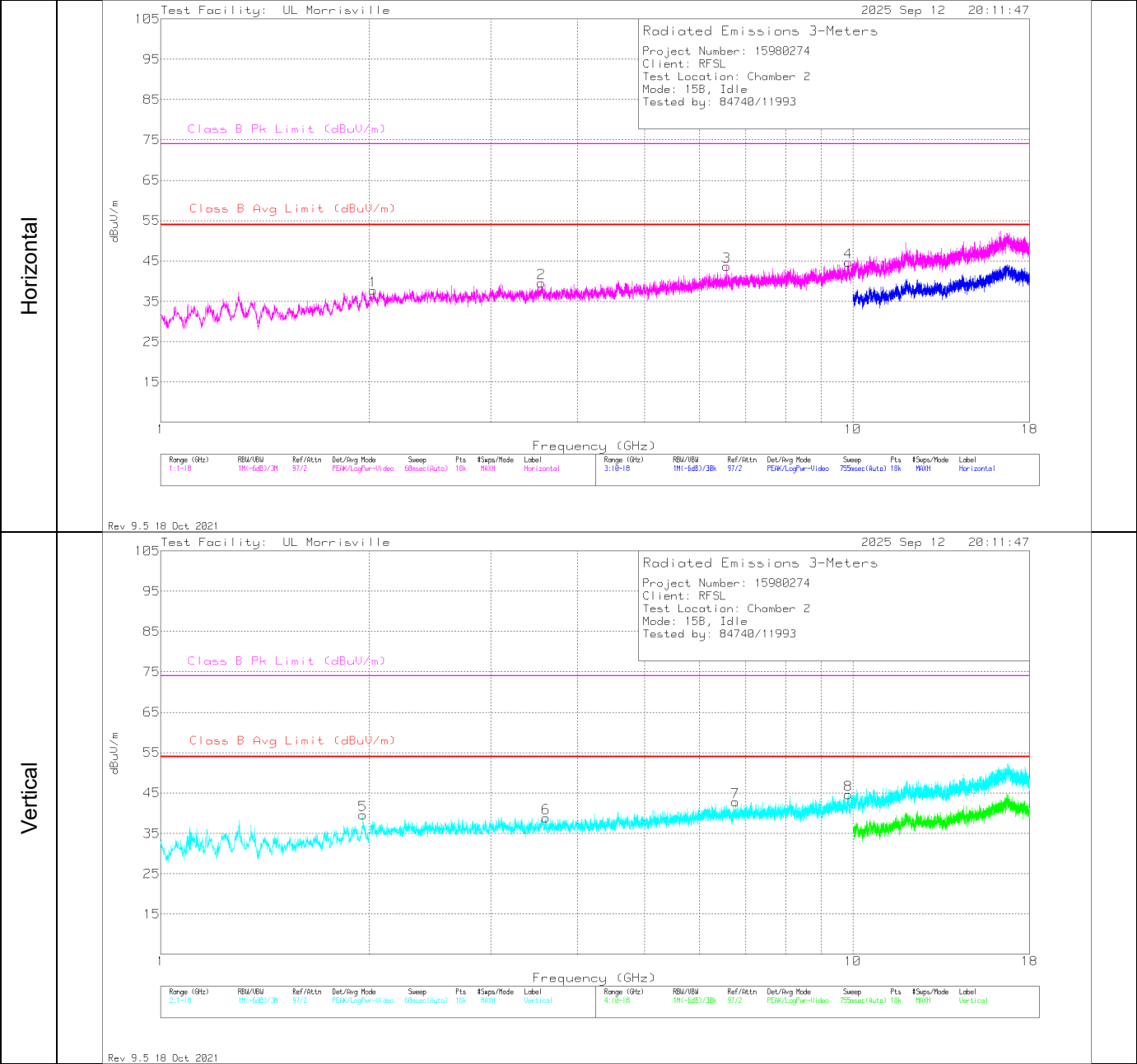
Radiated Emissions Data Points

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	159203 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.679	28.17	Pk	26.9	-31.7	23.37	40	-16.63	0-360	199	H
6	35.82	31.75	Pk	23.4	-31.5	23.65	40	-16.35	0-360	101	V
7	43.192	40.59	Pk	18	-31.9	26.69	40	-13.31	0-360	101	V
2	152.317	36.15	Pk	19	-30.8	24.35	43.52	-19.17	0-360	199	H
8	158.428	46.12	Pk	18.8	-29.9	35.02	43.52	-8.5	0-360	101	V
9	201.884	42.82	Pk	18.7	-30	31.52	43.52	-12	0-360	101	V
3	202.563	40.35	Pk	18.5	-30	28.85	43.52	-14.67	0-360	101	H
4	348.645	30.91	Pk	20.9	-28	23.81	46.02	-22.21	0-360	101	H
10	497.928	29.74	Pk	24.3	-28.2	25.84	46.02	-20.18	0-360	101	V
11	847.031	27.9	Pk	28.4	-26.8	29.5	46.02	-16.52	0-360	101	V
5	900.381	27	Pk	28.9	-26.6	29.3	46.02	-16.72	0-360	399	H

Pk - Peak detector

RADIATED EMISSIONS 1000 TO 18,000 MHz (Config 1, Mode 1)

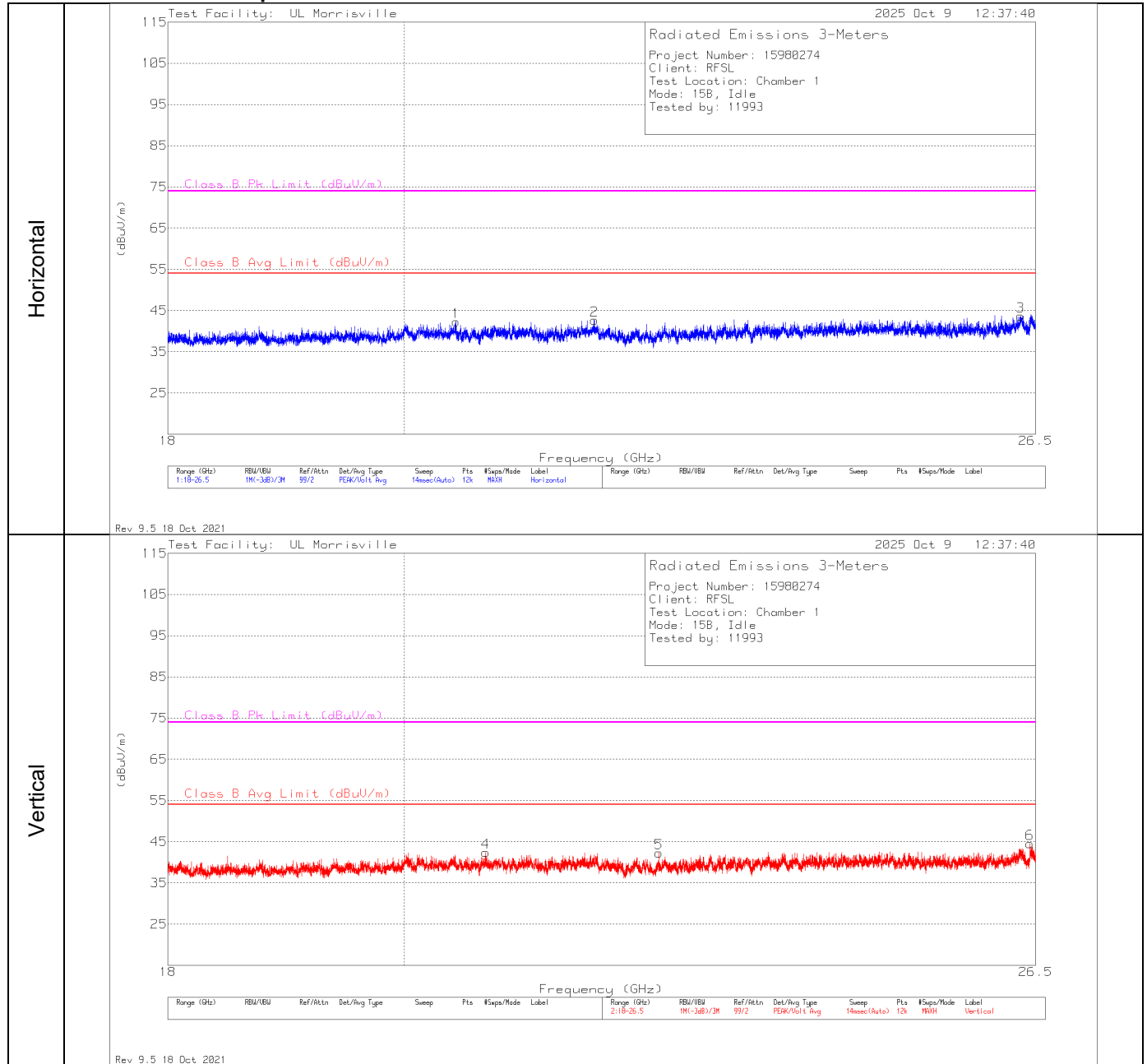
Radiated Emissions Graph



Radiated Emissions Data Points

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
5	1.95956	57.79	Pk	31	-49.2	39.59	54	-14.41	74	-34.41	0-360	101	V
1	2.02756	55.95	Pk	31.6	-49.8	37.75	54	-16.25	74	-36.25	0-360	101	H
2	3.54528	52.38	Pk	33.1	-45.9	39.58	54	-14.42	74	-34.42	0-360	101	H
6	3.60478	52.08	Pk	32.9	-46.1	38.88	54	-15.12	74	-35.12	0-360	101	V
3	6.56655	51.47	Pk	35.5	-43.3	43.67	54	-10.33	74	-30.33	0-360	200	H
7	6.76678	50.16	Pk	35.5	-42.8	42.86	54	-11.14	74	-31.14	0-360	101	V
8	9.85605	47.36	Pk	37	-39.8	44.56	54	-9.44	74	-29.44	0-360	200	V
4	9.85794	47.75	Pk	37	-40	44.75	54	-9.25	74	-29.25	0-360	200	H

Pk - Peak detector

RADIATED EMISSIONS 18,000 TO 26,000 MHz (Config 1, Mode 1)**Radiated Emissions Graph**

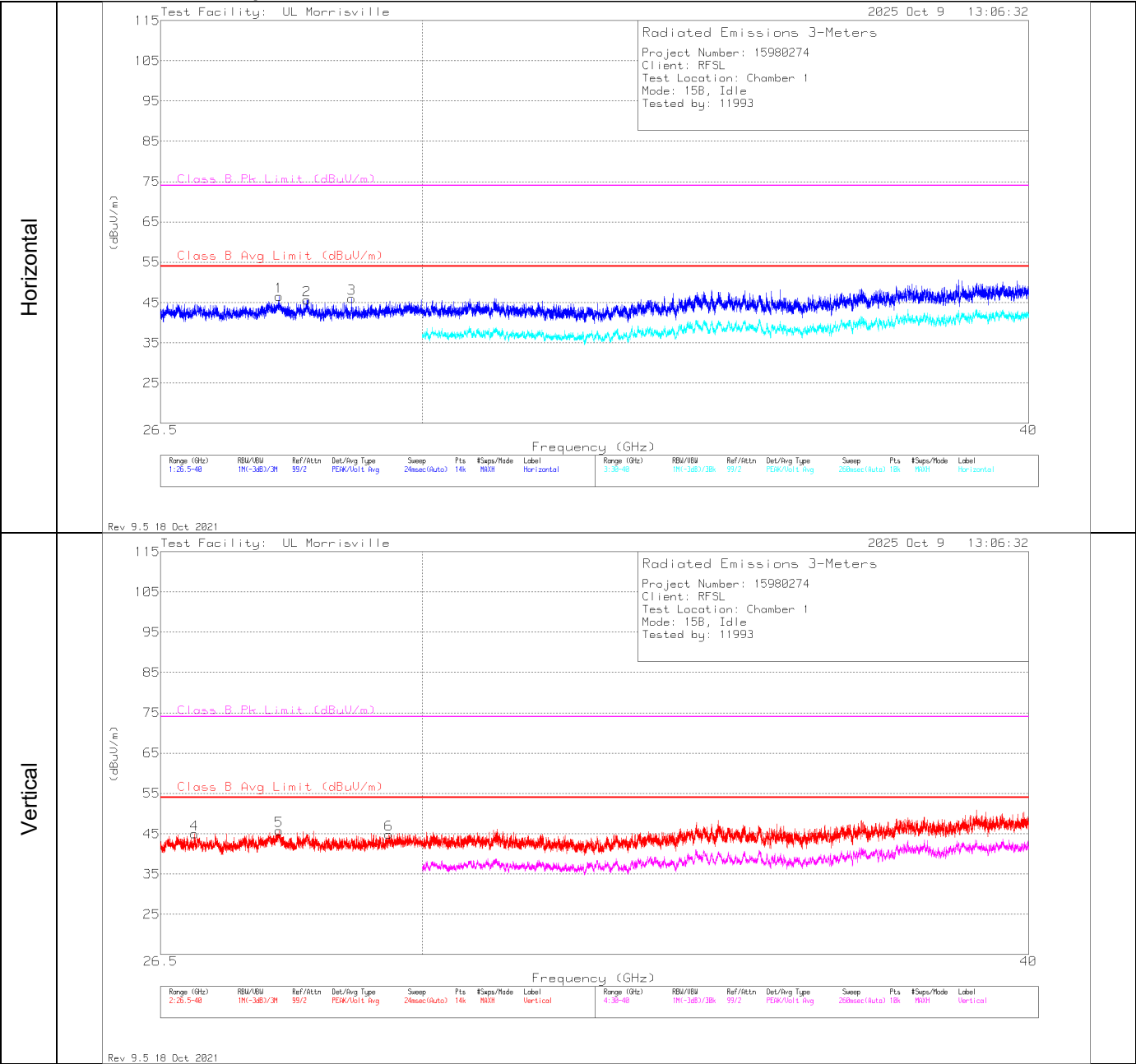
Radiated Emissions Data Points

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	91186 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	20.46733	49.21	Pk	32.8	-39.7	42.31	54	-11.69	74	-31.69	0-360	300	H
4	20.74077	49.03	Pk	32.7	-39.3	42.43	54	-11.57	74	-31.57	0-360	199	V
2	21.77148	48.74	Pk	33.4	-39.5	42.64	54	-11.36	74	-31.36	0-360	150	H
5	22.40336	48.92	Pk	33.3	-39.9	42.32	54	-11.68	74	-31.68	0-360	250	V
3	26.3229	45.64	Pk	34.8	-36.8	43.64	54	-10.36	74	-30.36	0-360	250	H
6	26.43553	47.22	Pk	34.5	-37.2	44.52	54	-9.48	74	-29.48	0-360	300	V

Pk - Peak detector

RADIATED EMISSIONS 26,000 TO 40,000 MHz (Config 1, Mode 1)

Radiated Emissions Graph



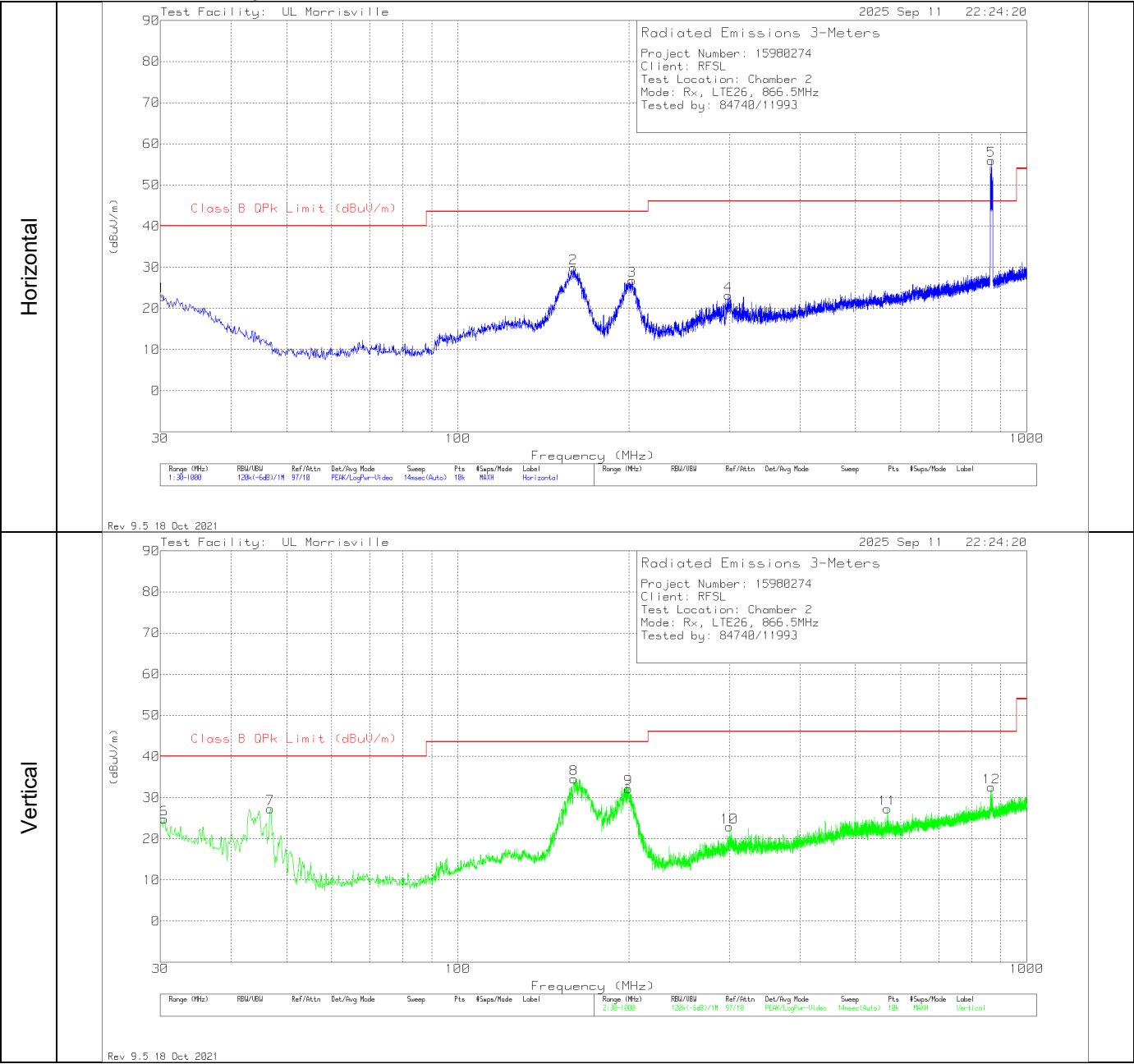
Radiated Emissions Data Points

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	91187 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	26.93107	46.04	Pk	35.9	-37	44.94	54	-9.06	74	-29.06	0-360	200	V
1	28.02947	47.23	Pk	36	-36.7	46.53	54	-7.47	74	-27.47	0-360	150	H
5	28.02947	46.44	Pk	36	-36.7	45.74	54	-8.26	74	-28.26	0-360	251	V
2	28.40267	45.85	Pk	36.4	-36.6	45.65	54	-8.35	74	-28.35	0-360	250	H
3	29.01407	45.34	Pk	36.5	-35.8	46.04	54	-7.96	74	-27.96	0-360	199	H
6	29.52807	44.53	Pk	36.5	-36.2	44.83	54	-9.17	74	-29.17	0-360	200	V

Pk - Peak detector

RADIATED EMISSIONS 30 TO 1000 MHz (Config 1, Mode 2)

Radiated Emissions Graph LTE B26 866.5 MHz



Radiated Emissions Data Points

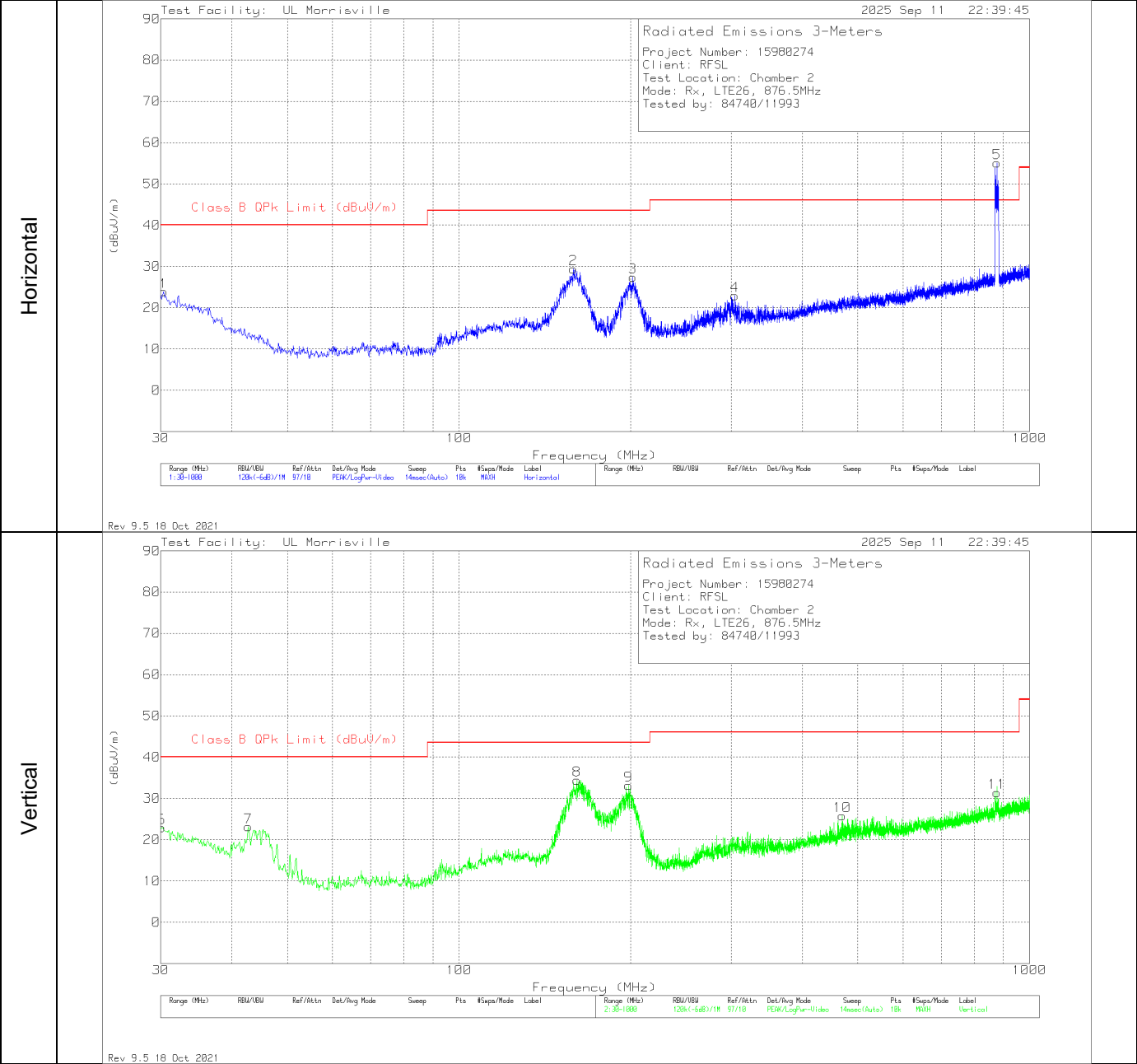
Marker	Frequency (MHz)	Meter Reading (dBUV)	Det	159203 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBUV/m)	Class B QPk Limit (dBUV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.194	26.82	Pk	27.3	-31.2	22.92	40	-17.08	0-360	399	H
6	30.485	28.93	Pk	27.1	-31.3	24.73	40	-15.27	0-360	101	V
7	46.781	43.27	Pk	15.7	-31.7	27.27	40	-12.73	0-360	101	V
2	159.786	41.26	Pk	18.7	-30.1	29.86	43.52	-13.66	0-360	199	H
8	159.98	46.09	Pk	18.7	-30.2	34.59	43.52	-8.93	0-360	101	V
9	199.362	42.92	Pk	18.9	-29.6	32.22	43.52	-11.3	0-360	101	V
3	202.466	38.19	Pk	18.6	-30	26.79	43.52	-16.73	0-360	101	H
4	298.787	32.92	Pk	19.9	-29.6	23.22	46.02	-22.8	0-360	101	H
10	300.242	32.25	Pk	19.9	-29.3	22.85	46.02	-23.17	0-360	199	V
11	568.641	29.84	Pk	25.2	-27.8	27.24	46.02	-18.78	0-360	101	V
5	866.237 (DL)	54.7	Pk	28.5	-27.2	56	-	-	0-360	101	H
12	866.722 (DL)	31.29	Pk	28.5	-27.3	32.49	-	-	0-360	101	V

Pk - Peak detector

DL - Downlink

RADIATED EMISSIONS 30 TO 1000 MHz (Config 1, Mode 2)

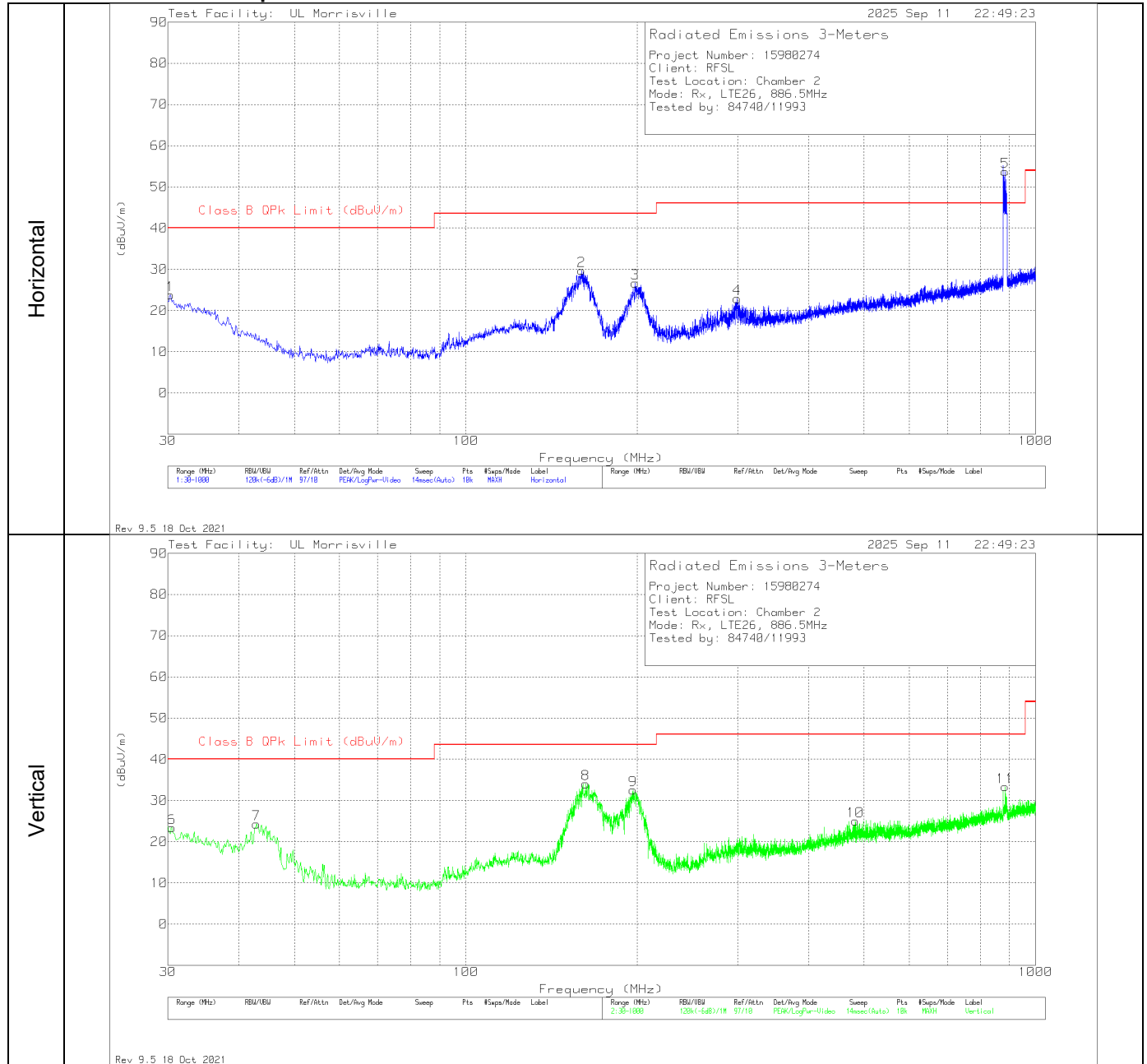
Radiated Emissions Graph LTE B26 876.5 MHz



Radiated Emissions Data Points

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	159203 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	30.097	26.86	Pk	27.3	-31.2	22.96	40	-17.04	0-360	199	V
1	30.388	28.06	Pk	27.1	-31.3	23.86	40	-16.14	0-360	101	H
7	42.707	36.6	Pk	18.3	-31.8	23.1	40	-16.9	0-360	101	V
2	158.719	40.96	Pk	18.8	-30.3	29.46	43.52	-14.06	0-360	199	H
8	160.95	46.28	Pk	18.7	-30.5	34.48	43.52	-9.04	0-360	101	V
9	198.101	44.03	Pk	18.7	-29.6	33.13	43.52	-10.39	0-360	101	V
3	201.787	38.75	Pk	18.7	-30	27.45	43.52	-16.07	0-360	101	H
4	304.607	32.63	Pk	20.1	-29.8	22.93	46.02	-23.09	0-360	101	H
10	469.895	29.84	Pk	24.1	-28.1	25.84	46.02	-20.18	0-360	101	V
5	876.325	53.07	Pk	28.5	-26.5	55.07	-	-	0-360	101	H
11	877.004	29.81	Pk	28.5	-26.9	31.41	-	-	0-360	101	V

Pk - Peak detector

RADIATED EMISSIONS 30 TO 1000 MHz (Config 1, Mode 2)**Radiated Emissions Graph LTE B26 886.5 MHz**

Radiated Emissions Data Points

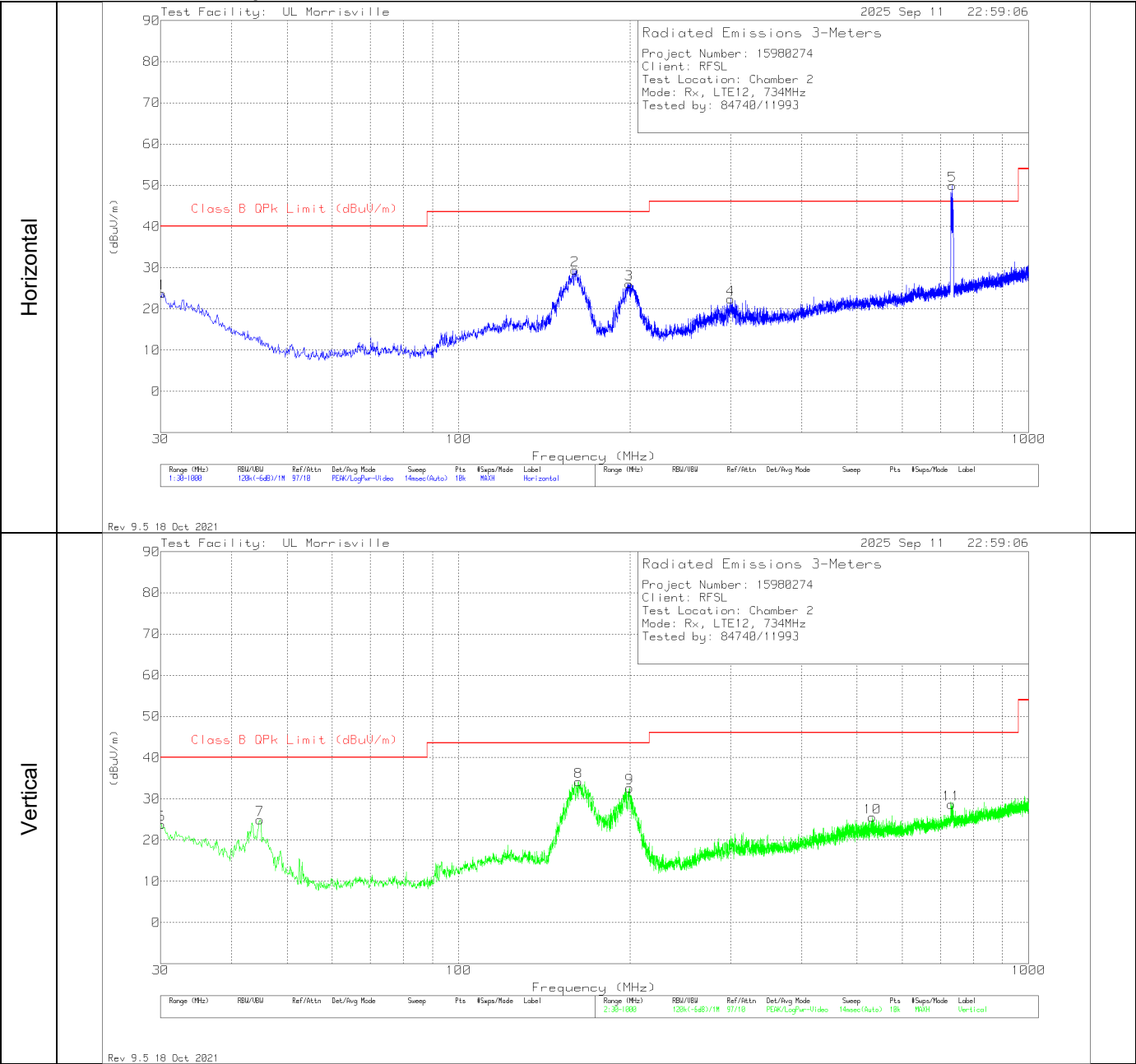
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	159203 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.291	27.8	Pk	27.2	-31.2	23.8	40	-16.2	0-360	199	H
6	30.485	27.56	Pk	27.1	-31.3	23.36	40	-16.64	0-360	199	V
7	42.901	37.92	Pk	18.2	-31.8	24.32	40	-15.68	0-360	101	V
2	159.689	41.13	Pk	18.7	-30.1	29.73	43.52	-13.79	0-360	199	H
8	162.211	45.67	Pk	18.6	-30.2	34.07	43.52	-9.45	0-360	101	V
9	196.452	43.86	Pk	18.5	-29.8	32.56	43.52	-10.96	0-360	101	V
3	198.198	37.7	Pk	18.7	-29.7	26.7	43.52	-16.82	0-360	101	H
4	299.466	32.48	Pk	19.9	-29.5	22.88	46.02	-23.14	0-360	101	H
10	482.893	29.45	Pk	24.3	-28.7	25.05	46.02	-20.97	0-360	101	V
5	883.794 (DL)	51.76	Pk	28.6	-26.6	53.76	-	-	0-360	101	H
11	884.473 (DL)	31.26	Pk	28.6	-26.5	33.36	-	-	0-360	299	V

Pk - Peak detector

DL - Downlink

RADIATED EMISSIONS 30 TO 1000 MHz (Config 1, Mode 2)

Radiated Emissions Graph LTE B12 734 MHz



Radiated Emissions Data Points

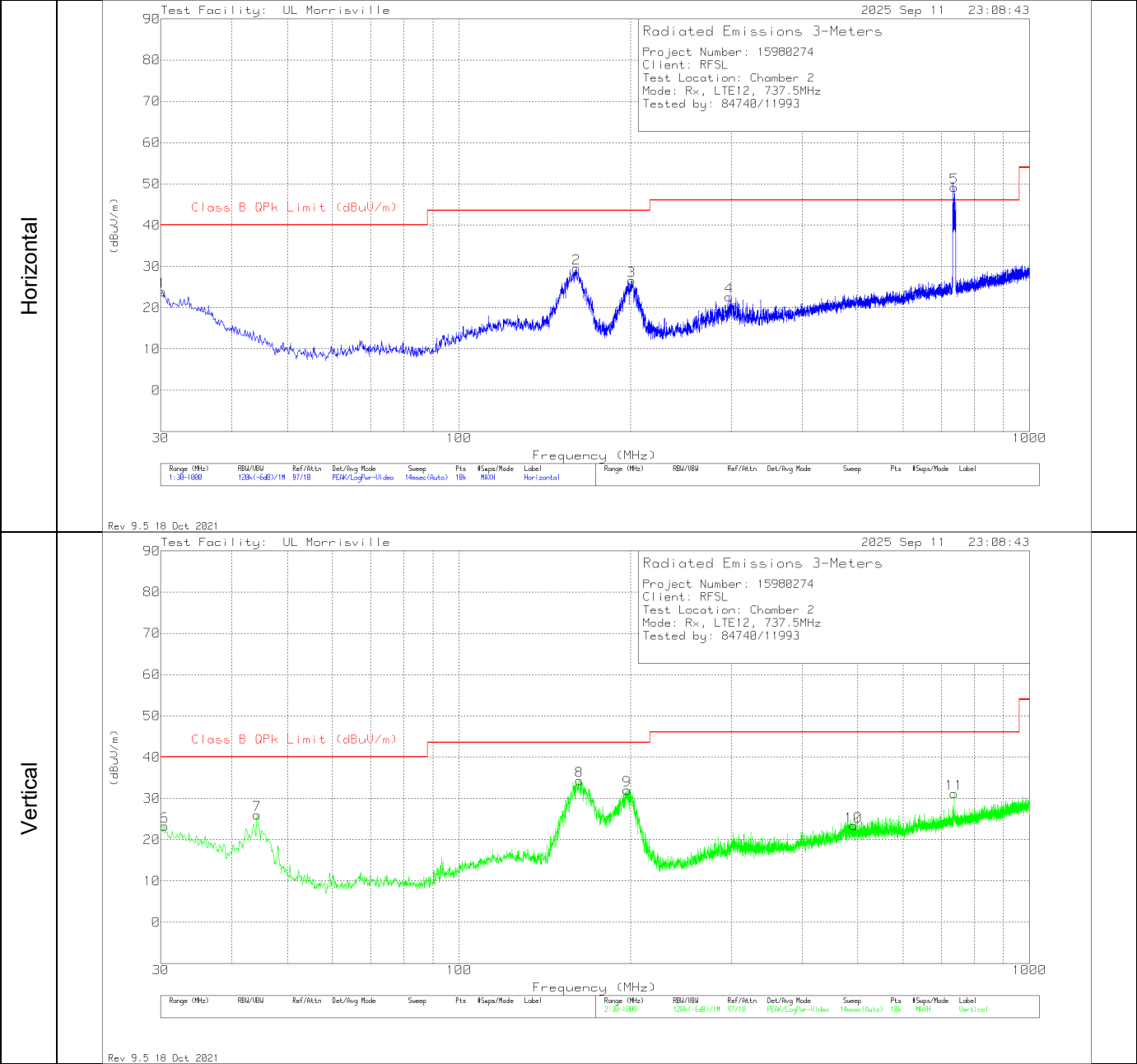
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	159203 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	30.097	27.67	Pk	27.3	-31.2	23.77	40	-16.23	0-360	199	V
1	30.194	27.64	Pk	27.3	-31.2	23.74	40	-16.26	0-360	101	H
7	44.841	39.94	Pk	16.8	-31.8	24.94	40	-15.06	0-360	101	V
2	159.98	40.9	Pk	18.7	-30.2	29.4	43.52	-14.12	0-360	199	H
8	162.211	45.74	Pk	18.6	-30.2	34.14	43.52	-9.38	0-360	101	V
3	199.265	36.8	Pk	18.9	-29.6	26.1	43.52	-17.42	0-360	101	H
9	199.362	43.37	Pk	18.9	-29.6	32.67	43.52	-10.85	0-360	101	V
4	299.854	31.85	Pk	19.9	-29.4	22.35	46.02	-23.67	0-360	101	H
10	531.587	29.19	Pk	24.7	-28.4	25.49	46.02	-20.53	0-360	101	V
11	731.795 (DL)	29.15	Pk	27.1	-27.6	28.65	-	-	0-360	299	V
5	734.22 (DL)	51.01	Pk	27.1	-28.2	49.91	-	-	0-360	199	H

Pk - Peak detector

DL - Downlink

RADIATED EMISSIONS 30 TO 1000 MHz (Config 1, Mode 2)

Radiated Emissions Graph LTE B12 737.5 MHz



Radiated Emissions Data Points

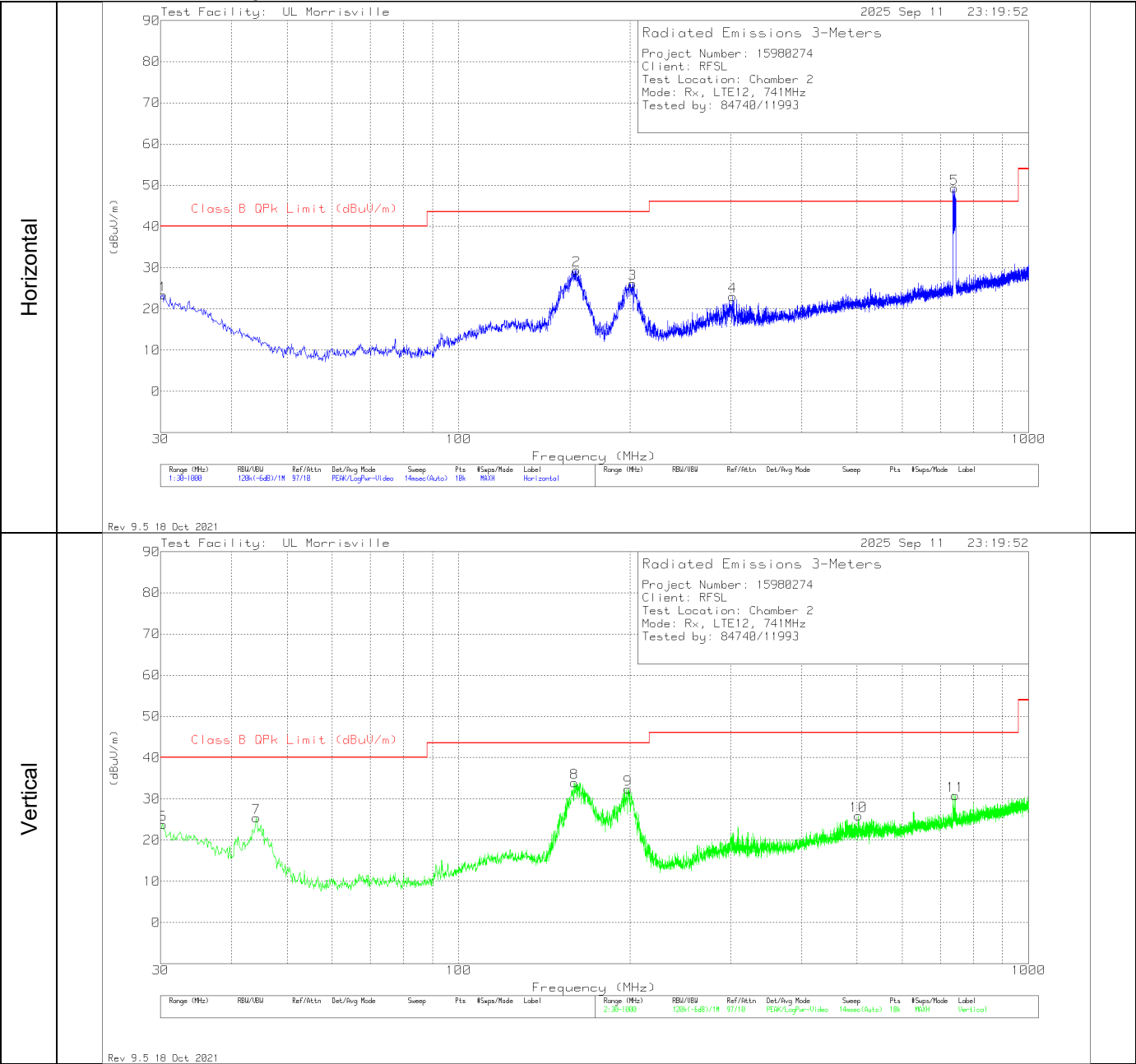
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	159203 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.194	27.81	Pk	27.3	-31.2	23.91	40	-16.09	0-360	101	H
6	30.485	27.5	Pk	27.1	-31.3	23.3	40	-16.7	0-360	101	V
7	44.259	40.4	Pk	17.2	-31.6	26	40	-14	0-360	101	V
2	160.562	41.17	Pk	18.7	-30.3	29.57	43.52	-13.95	0-360	199	H
8	162.502	46.31	Pk	18.6	-30.6	34.31	43.52	-9.21	0-360	101	V
9	196.937	43.66	Pk	18.6	-30.2	32.06	43.52	-11.46	0-360	101	V
3	200.72	37.92	Pk	18.9	-30.3	26.52	43.52	-17	0-360	101	H
4	297.526	32.34	Pk	19.9	-29.6	22.64	46.02	-23.38	0-360	101	H
10	491.72	27.95	Pk	24.3	-28.9	23.35	46.02	-22.67	0-360	101	V
5	737.324 (DL)	50.59	Pk	27.2	-28.6	49.19	-	-	0-360	199	H
11	737.421 (DL)	32.55	Pk	27.2	-28.6	31.15	-	-	0-360	101	V

Pk - Peak detector

DL - Downlink

RADIATED EMISSIONS 30 TO 1000 MHz (Config 1, Mode 2)

Radiated Emissions Graph LTE B12 741 MHz



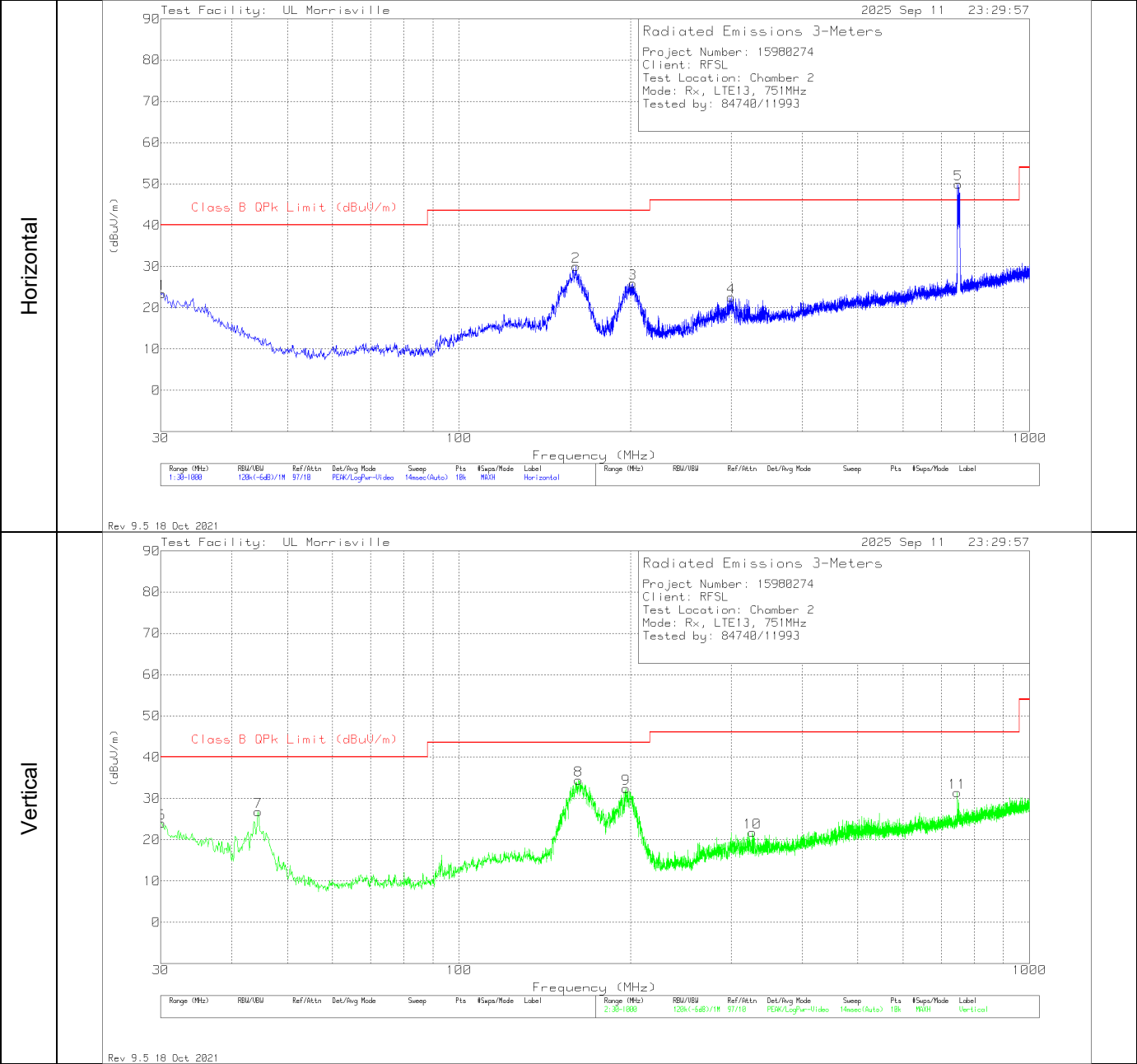
Radiated Emissions Data Points

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	159203 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.291	27.36	Pk	27.2	-31.2	23.36	40	-16.64	0-360	101	H
6	30.291	27.78	Pk	27.2	-31.2	23.78	40	-16.22	0-360	101	V
7	44.162	39.85	Pk	17.3	-31.7	25.45	40	-14.55	0-360	101	V
8	159.495	45.45	Pk	18.8	-30.3	33.95	43.52	-9.57	0-360	101	V
2	160.95	41.21	Pk	18.7	-30.5	29.41	43.52	-14.11	0-360	199	H
9	198.392	43.56	Pk	18.8	-30	32.36	43.52	-11.16	0-360	101	V
3	201.981	37.46	Pk	18.7	-30	26.16	43.52	-17.36	0-360	101	H
4	302.57	32.15	Pk	20	-29.1	23.05	46.02	-22.97	0-360	101	H
10	503.36	29.45	Pk	24.2	-27.7	25.95	46.02	-20.07	0-360	101	V
5	741.204	49.66	Pk	27.1	-27.5	49.26	-	-	0-360	199	H
11	743.338	31.14	Pk	27.2	-27.5	30.84	-	-	0-360	101	V

Pk - Peak detector

RADIATED EMISSIONS 30 TO 1000 MHz (Config 1, Mode 2)

Radiated Emissions Graph LTE B13 751 MHz



Radiated Emissions Data Points

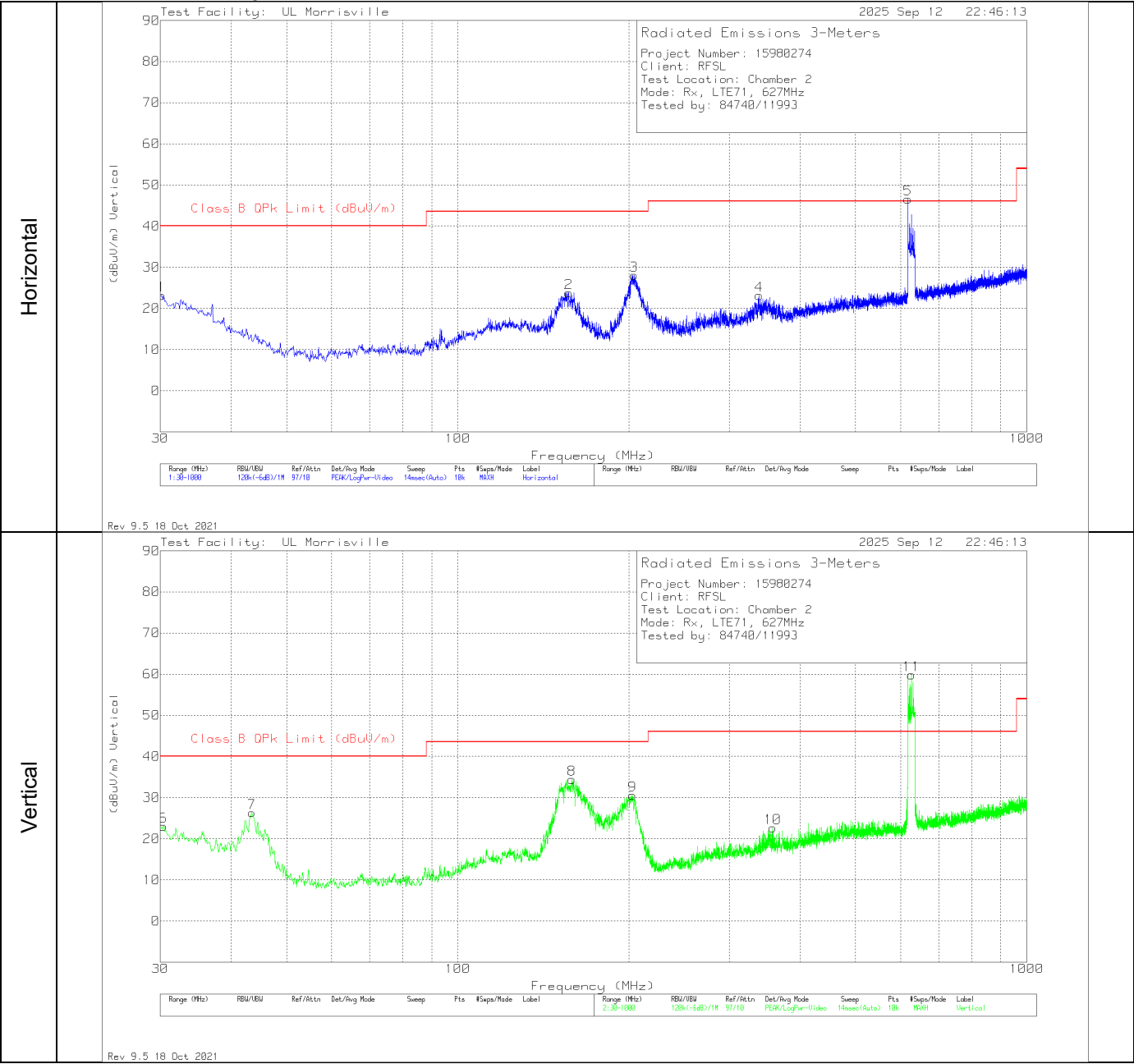
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	159203 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
6	30.097	27.96	Pk	27.3	-31.2	24.06	40	-15.94	0-360	101	V
1	30.194	27.35	Pk	27.3	-31.2	23.45	40	-16.55	0-360	399	H
7	44.453	41.34	Pk	17.1	-31.6	26.84	40	-13.16	0-360	101	V
2	160.271	41.65	Pk	18.7	-30.3	30.05	43.52	-13.47	0-360	199	H
8	162.114	45.89	Pk	18.6	-30.1	34.39	43.52	-9.13	0-360	101	V
9	196.161	43.62	Pk	18.4	-29.6	32.42	43.52	-11.1	0-360	101	V
3	201.787	37.19	Pk	18.7	-30	25.89	43.52	-17.63	0-360	101	H
4	299.951	32.06	Pk	19.9	-29.4	22.56	46.02	-23.46	0-360	101	H
10	326.626	29.96	Pk	20.5	-28.7	21.76	46.02	-24.26	0-360	101	V
11	747.024 (DL)	31.37	Pk	27.2	-27.1	31.47	-	-	0-360	101	V
5	750.71 (DL)	50.37	Pk	27.3	-27.7	49.97	-	-	0-360	101	H

Pk - Peak detector

DL - Downlink

RADIATED EMISSIONS 30 TO 1000 MHz (Config 1, Mode 2)

Radiated Emissions Graph LTE B71 627 MHz



Radiated Emissions Data Points

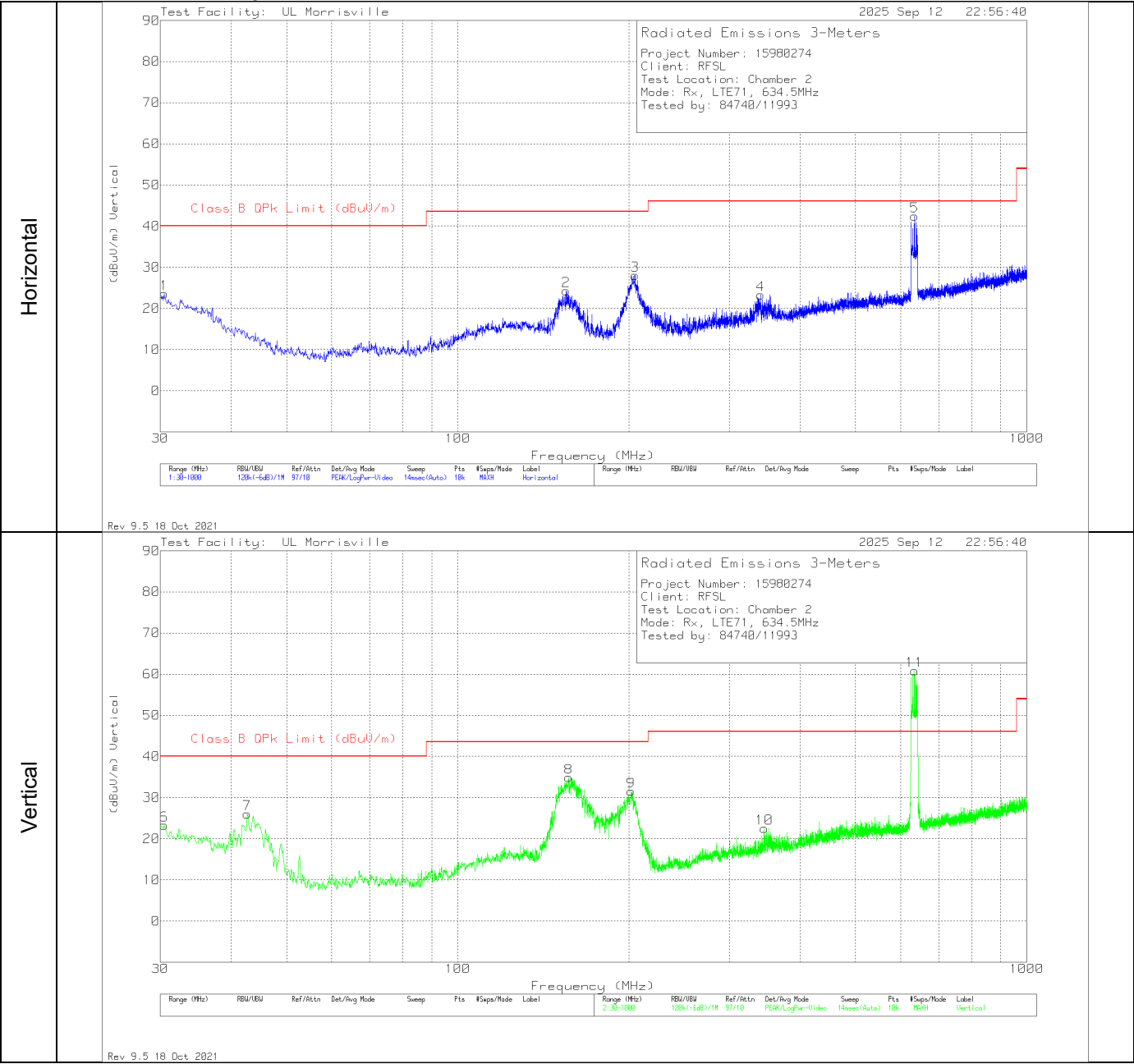
Marker	Frequency (MHz)	Meter Reading (dBUV)	Det	159203 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBUV/m)	Class B QPk Limit (dBUV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.194	27.08	Pk	27.3	-31.2	23.18	40	-16.82	0-360	199	H
6	30.388	27.28	Pk	27.1	-31.3	23.08	40	-16.92	0-360	199	V
7	43.483	40.35	Pk	17.8	-31.8	26.35	40	-13.65	0-360	199	V
2	156.585	35.02	Pk	18.8	-30	23.82	43.52	-19.7	0-360	199	H
8	158.719	45.96	Pk	18.8	-30.3	34.46	43.52	-9.06	0-360	101	V
9	202.66	42.1	Pk	18.5	-30	30.6	43.52	-12.92	0-360	101	V
3	204.212	40.29	Pk	17.8	-30	28.09	43.52	-15.43	0-360	101	H
4	338.46	31.68	Pk	20.5	-29	23.18	46.02	-22.84	0-360	101	H
10	357.763	31.01	Pk	21.3	-29.6	22.71	46.02	-23.31	0-360	101	V
5	618.499 (DL)	49.04	Pk	25.7	-28.2	46.54	-	-	0-360	101	H
11	627.229 (DL)	61.86	Pk	26.1	-28.1	59.86	-	-	0-360	101	V

Pk - Peak detector

DL - Downlink

RADIATED EMISSIONS 30 TO 1000 MHz (Config 1, Mode 2)

Radiated Emissions Graph LTE B71 634.5 MHz



Radiated Emissions Data Points

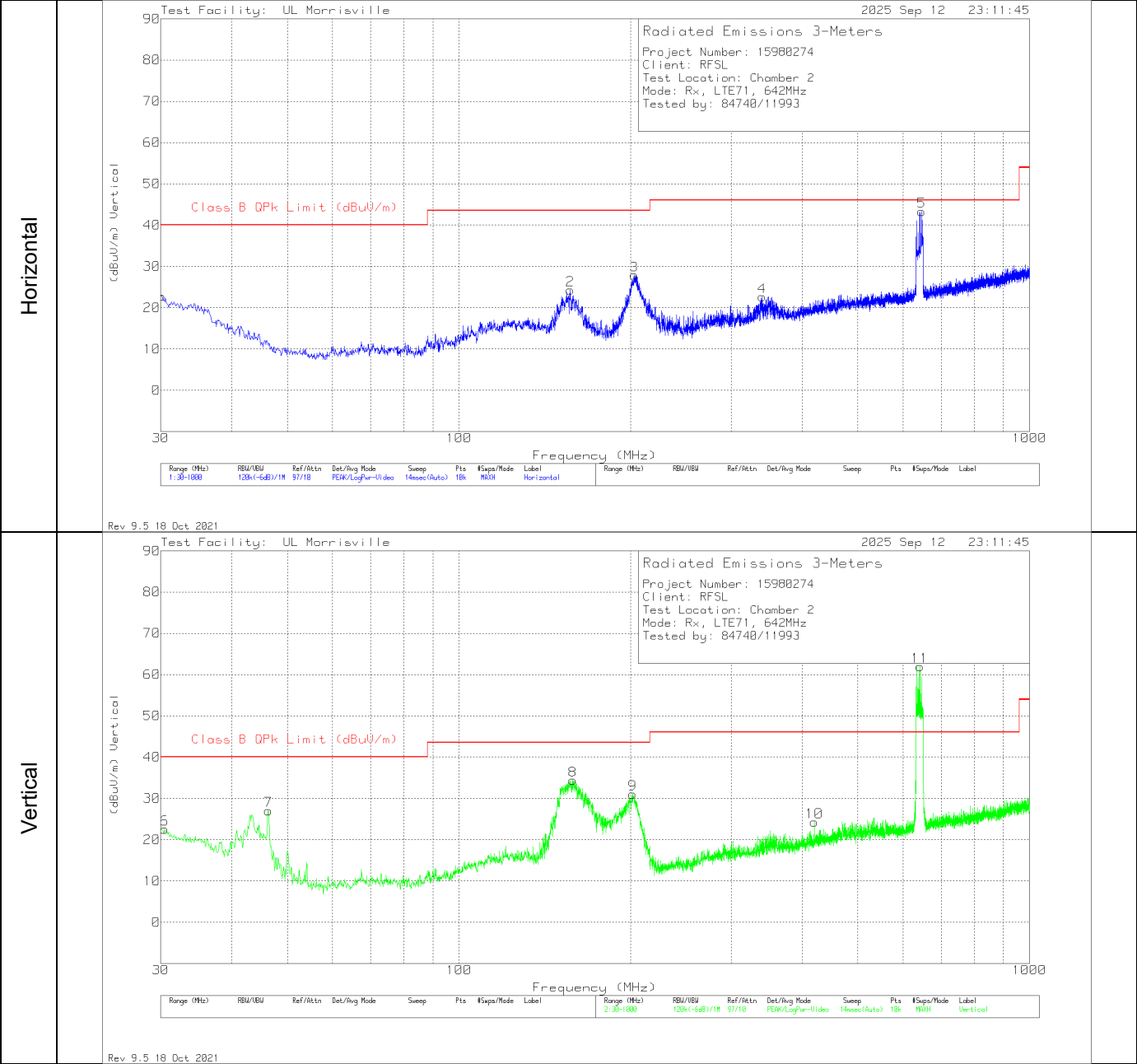
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	159203 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.485	27.71	Pk	27.1	-31.3	23.51	40	-16.49	0-360	399	H
6	30.485	27.54	Pk	27.1	-31.3	23.34	40	-16.66	0-360	199	V
7	42.61	39.4	Pk	18.4	-31.8	26	40	-14	0-360	101	V
2	155.13	35.8	Pk	18.9	-30.4	24.3	43.52	-19.22	0-360	199	H
8	156.585	46.07	Pk	18.8	-30	34.87	43.52	-8.65	0-360	101	V
9	201.496	42.7	Pk	18.8	-30	31.5	43.52	-12.02	0-360	101	V
3	204.988	40.22	Pk	17.5	-29.7	28.02	43.52	-15.5	0-360	101	H
4	340.691	32.06	Pk	20.6	-29.4	23.26	46.02	-22.76	0-360	101	H
10	345.541	30.49	Pk	20.8	-28.7	22.59	46.02	-23.43	0-360	101	V
5	634.601 (DL)	44.24	Pk	26.4	-28.2	42.44	-	-	0-360	101	H
11	634.989 (DL)	62.84	Pk	26.4	-28.4	60.84	-	-	0-360	101	V

Pk - Peak detector

DL - Downlink

RADIATED EMISSIONS 30 TO 1000 MHz (Config 1, Mode 2)

Radiated Emissions Graph LTE B71 642 MHz

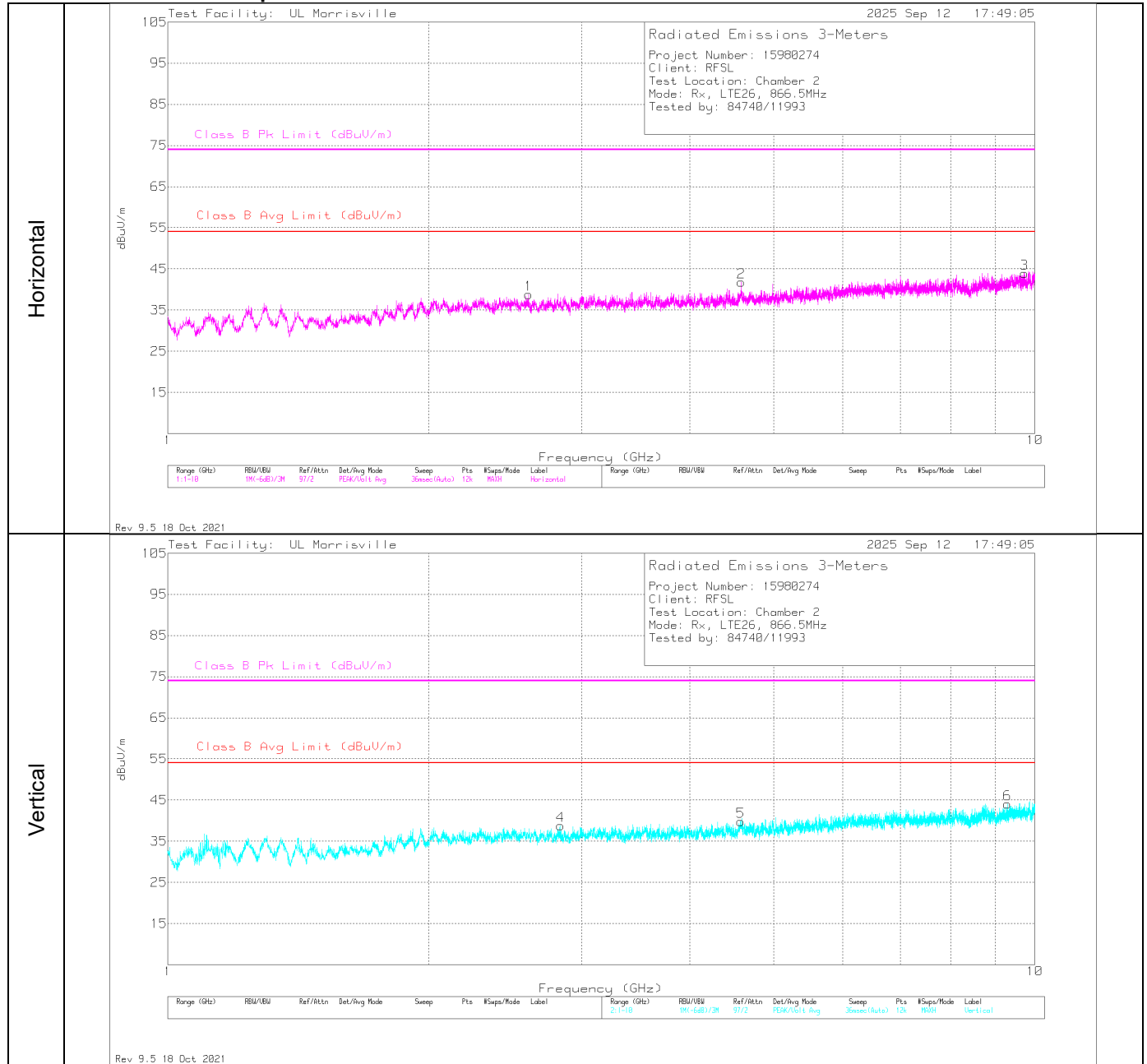


Radiated Emissions Data Points

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	159203 (dB/m)	Gain/Loss (dB)	Corrected Reading (dBuV/m)	Class B QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	30.097	26.69	Pk	27.3	-31.2	22.79	40	-17.21	0-360	299	H
6	30.485	26.74	Pk	27.1	-31.3	22.54	40	-17.46	0-360	101	V
7	46.296	42.53	Pk	16	-31.5	27.03	40	-12.97	0-360	101	V
2	156.585	35.45	Pk	18.8	-30	24.25	43.52	-19.27	0-360	199	H
8	158.428	45.47	Pk	18.8	-29.9	34.37	43.52	-9.15	0-360	101	V
9	201.399	42.39	Pk	18.8	-30.1	31.09	43.52	-12.43	0-360	101	V
3	202.854	39.46	Pk	18.4	-30	27.86	43.52	-15.66	0-360	101	H
4	339.721	31.81	Pk	20.6	-29.8	22.61	46.02	-23.41	0-360	101	H
10	419.358	29.53	Pk	22.8	-28	24.33	46.02	-21.69	0-360	101	V
11	642.361 (DL)	63.33	Pk	26.4	-27.8	61.93	-	-	0-360	101	V
5	646.629 (DL)	44.38	Pk	26.3	-27.4	43.28	-	-	0-360	299	H

Pk - Peak detector

DL - Downlink

RADIATED EMISSIONS 1000 TO 18,000 MHz (Config 1, Mode 2)**Radiated Emissions Graph LTE B26 866.5 MHz**

REPORT NO: R15980274-E10

DATE: 2025-12-12

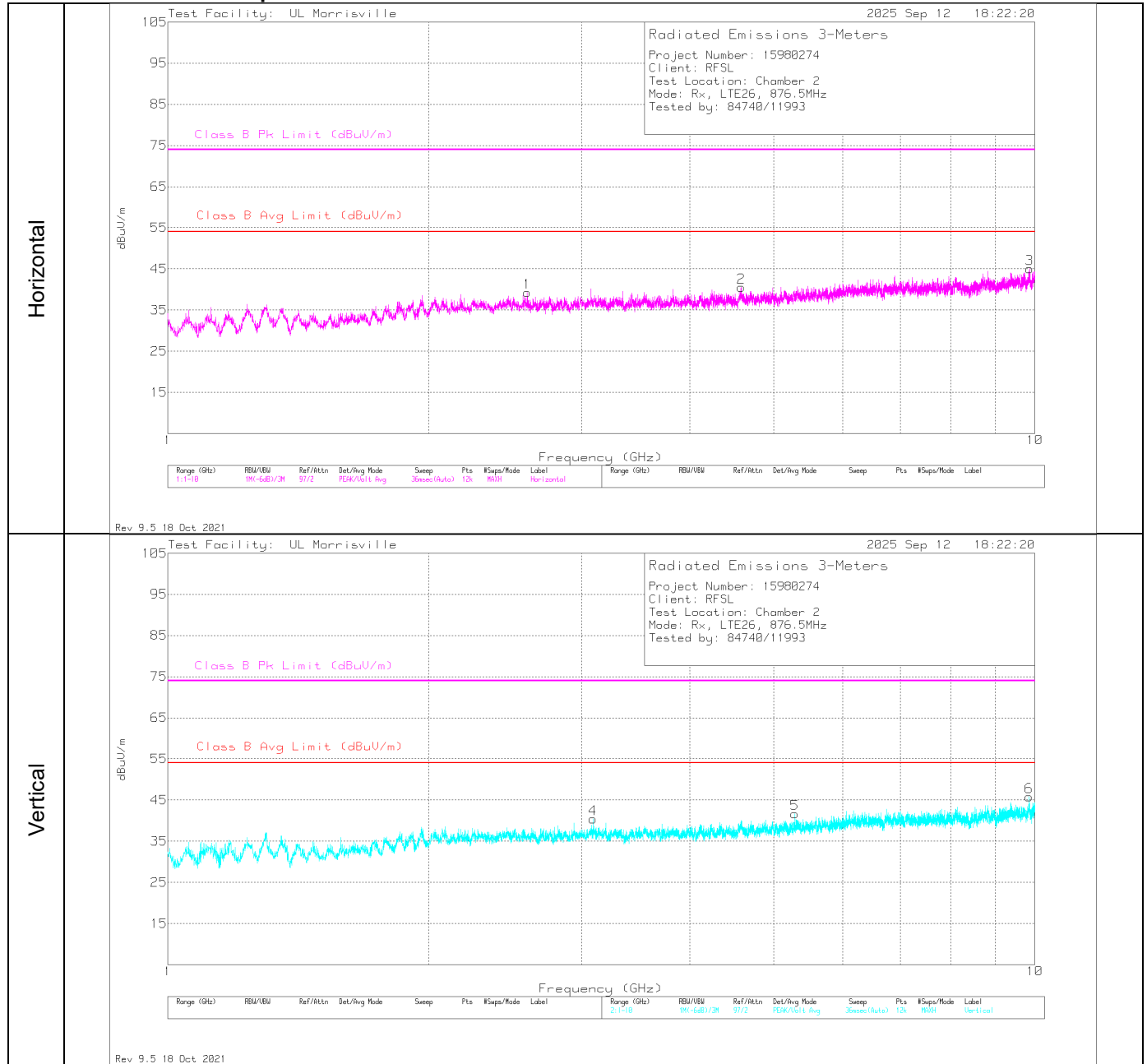
EUT: GSM/WCDMA/LTE/NR/SCS/NTN Phone +
BT/BLE, DTS/UNII a/b/g/n/ac/ax/be, WPT and NFC

MODEL: SM-S942U, SM-S942U1

Radiated Emissions Data Points

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.60575	54.01	Pk	32.2	-47.4	38.81	54	-15.19	74	-35.19	0-360	199	H
4	2.8375	53.14	Pk	32.3	-46.6	38.84	54	-15.16	74	-35.16	0-360	199	V
5	4.5805	50.73	Pk	34	-44.9	39.83	54	-14.17	74	-34.17	0-360	101	V
2	4.585	52.66	Pk	34	-44.9	41.76	54	-12.24	74	-32.24	0-360	199	H
6	9.30025	49.27	Pk	36.4	-41.6	44.07	54	-9.93	74	-29.93	0-360	101	V
3	9.72925	48.45	Pk	36.8	-41.3	43.95	54	-10.05	74	-30.05	0-360	100	H

Pk - Peak detector

RADIATED EMISSIONS 1000 TO 18,000 MHz (Config 1, Mode 2)**Radiated Emissions Graph LTE B26 876.5 MHz**

REPORT NO: R15980274-E10

DATE: 2025-12-12

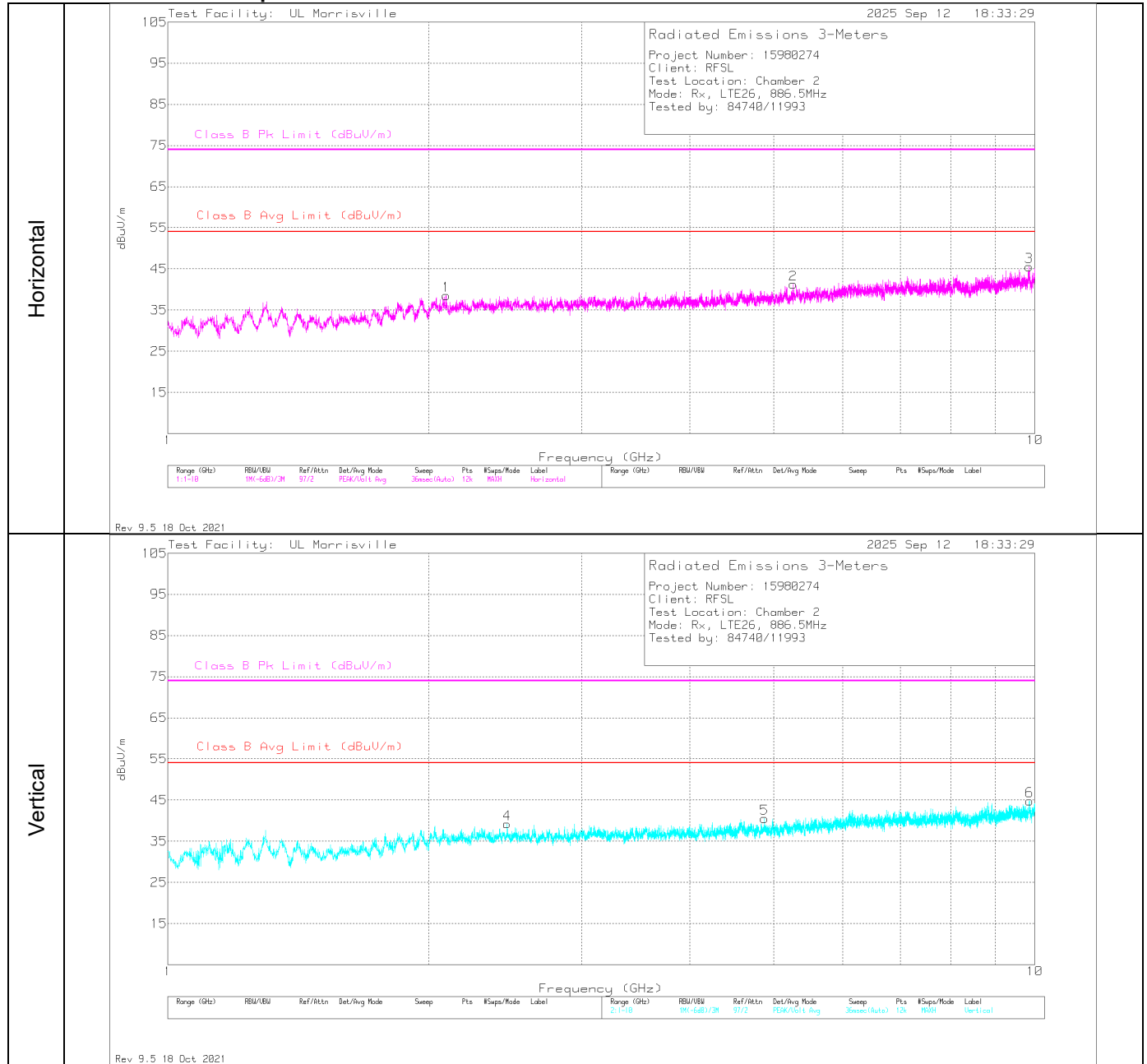
EUT: GSM/WCDMA/LTE/NR/SCS/NTN Phone +
BT/BLE, DTS/UNII a/b/g/n/ac/ax/be, WPT and NFC

MODEL: SM-S942U, SM-S942U1

Radiated Emissions Data Points

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.59825	54.49	Pk	32.2	-47.4	39.29	54	-14.71	74	-34.71	0-360	199	H
4	3.09325	53.38	Pk	33.2	-46.2	40.38	54	-13.62	74	-33.62	0-360	199	V
2	4.5865	51.41	Pk	34	-44.9	40.51	54	-13.49	74	-33.49	0-360	101	H
5	5.287	52.74	Pk	34.3	-45.4	41.64	54	-12.36	74	-32.36	0-360	199	V
6	9.844	49.73	Pk	37	-40.9	45.83	54	-8.17	74	-28.17	0-360	199	V
3	9.85825	48.09	Pk	37	-40	45.09	54	-8.91	74	-28.91	0-360	199	H

Pk - Peak detector

RADIATED EMISSIONS 1000 TO 18,000 MHz (Config 1, Mode 2)**Radiated Emissions Graph LTE B26 886.5 MHz**

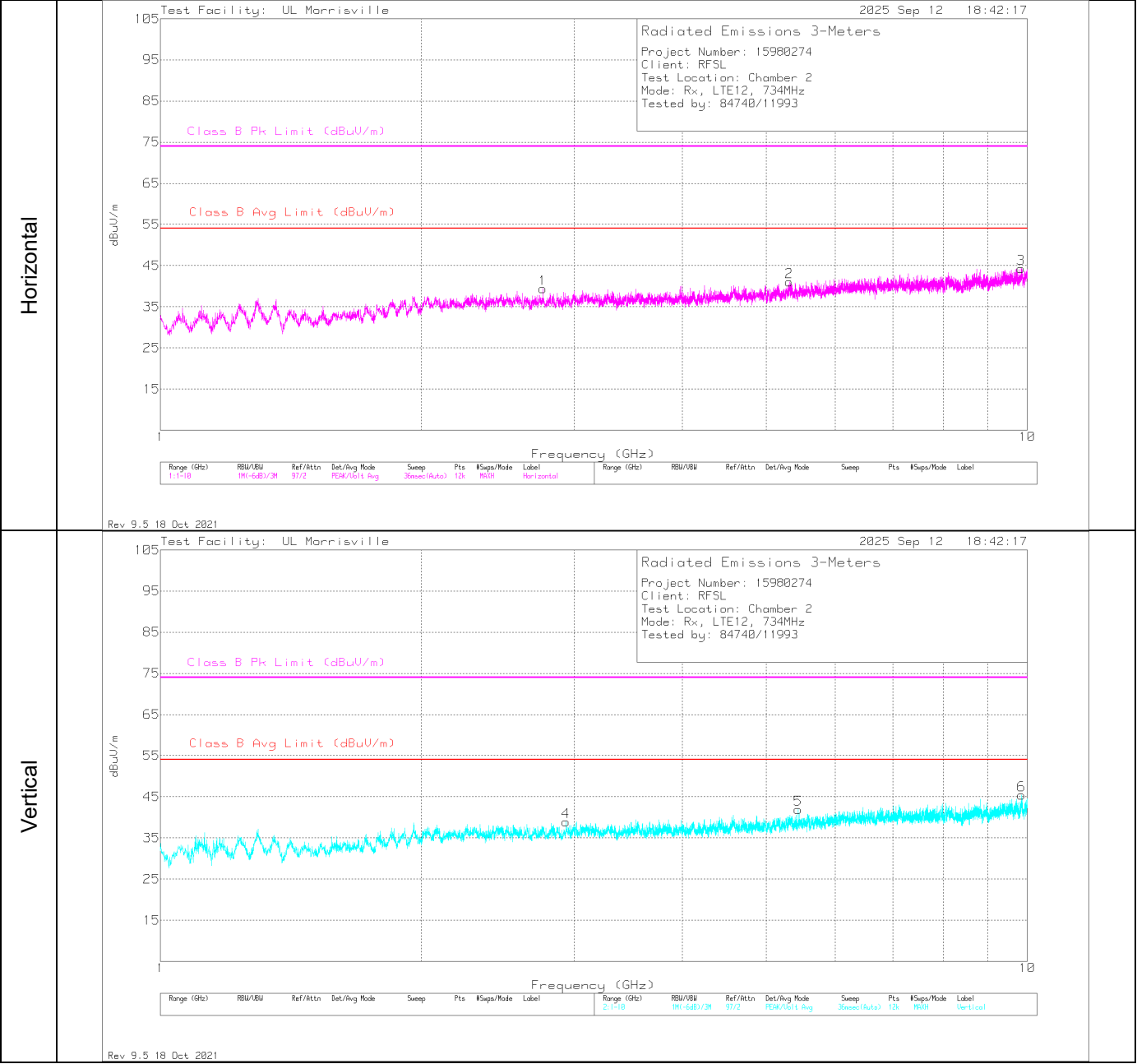
Radiated Emissions Data Points

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.09575	56.25	Pk	31.5	-49.2	38.55	54	-15.45	74	-35.45	0-360	101	H
4	2.46325	55.42	Pk	32.1	-48.3	39.22	54	-14.78	74	-34.78	0-360	199	V
5	4.87525	51.32	Pk	34	-44.8	40.52	54	-13.48	74	-33.48	0-360	199	V
2	5.26825	51.64	Pk	34.3	-44.7	41.24	54	-12.76	74	-32.76	0-360	199	H
3	9.856	48.34	Pk	37	-39.8	45.54	54	-8.46	74	-28.46	0-360	101	H
6	9.8635	48.44	Pk	37	-40.6	44.84	54	-9.16	74	-29.16	0-360	199	V

Pk - Peak detector

RADIATED EMISSIONS 1000 TO 18,000 MHz (Config 1, Mode 2)

Radiated Emissions Graph LTE B12 734 MHz



REPORT NO: R15980274-E10

DATE: 2025-12-12

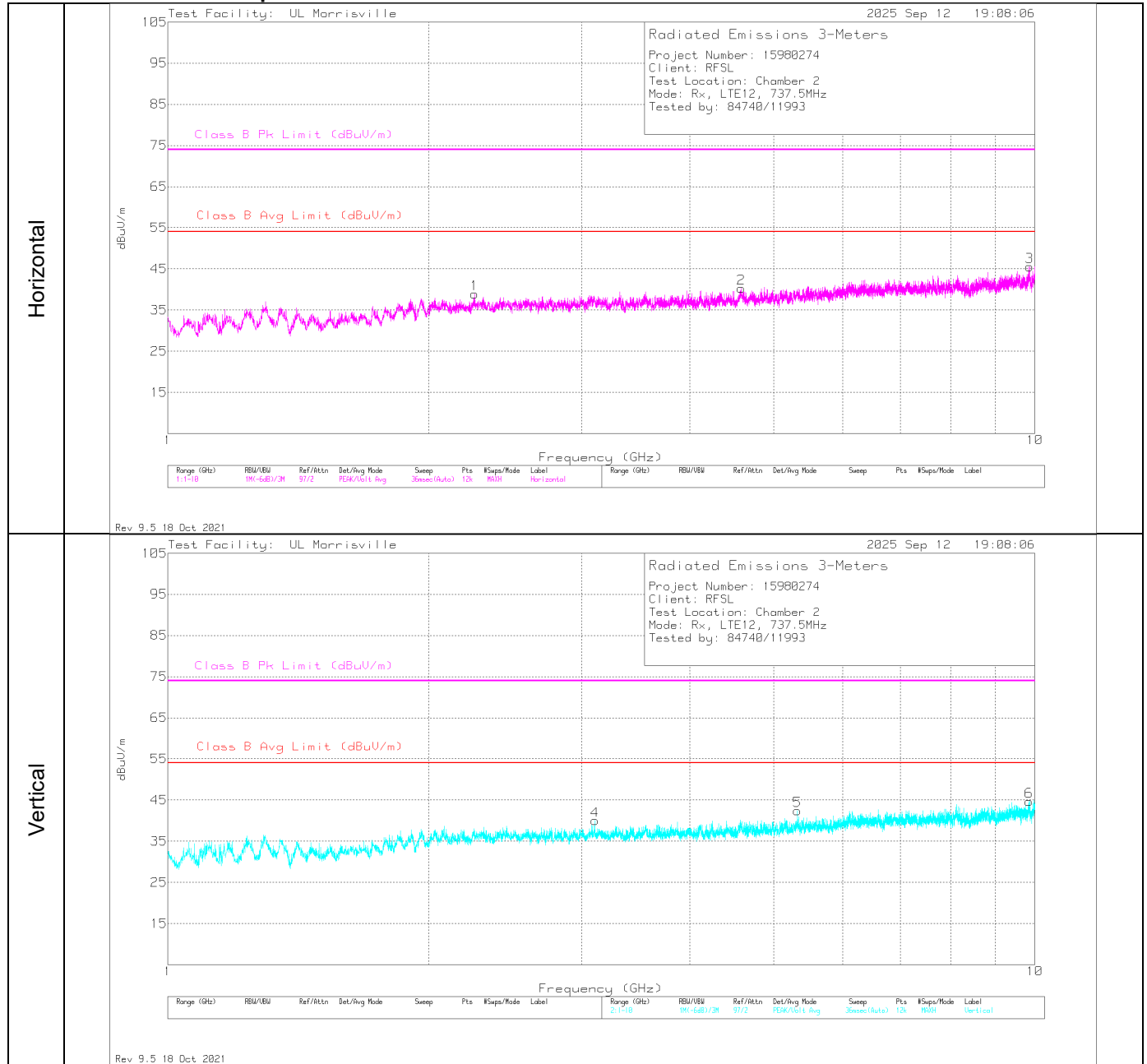
EUT: GSM/WCDMA/LTE/NR/SCS/NTN Phone +
BT/BLE, DTS/UNII a/b/g/n/ac/ax/be, WPT and NFC

MODEL: SM-S942U, SM-S942U1

Radiated Emissions Data Points

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.76025	53.96	Pk	32.1	-46.7	39.36	54	-14.64	74	-34.64	0-360	101	H
4	2.93575	52.7	Pk	32.5	-46.3	38.9	54	-15.1	74	-35.1	0-360	199	V
2	5.3125	51.2	Pk	34.3	-44.5	41	54	-13	74	-33	0-360	101	H
5	5.44375	51.98	Pk	34.5	-44.6	41.88	54	-12.12	74	-32.12	0-360	199	V
3	9.83275	48.28	Pk	36.9	-40.9	44.28	54	-9.72	74	-29.72	0-360	199	H
6	9.856	48.22	Pk	37	-39.8	45.42	54	-8.58	74	-28.58	0-360	199	V

Pk - Peak detector

RADIATED EMISSIONS 1000 TO 18,000 MHz (Config 1, Mode 2)**Radiated Emissions Graph LTE B71 627 MHz**

REPORT NO: R15980274-E10

DATE: 2025-12-12

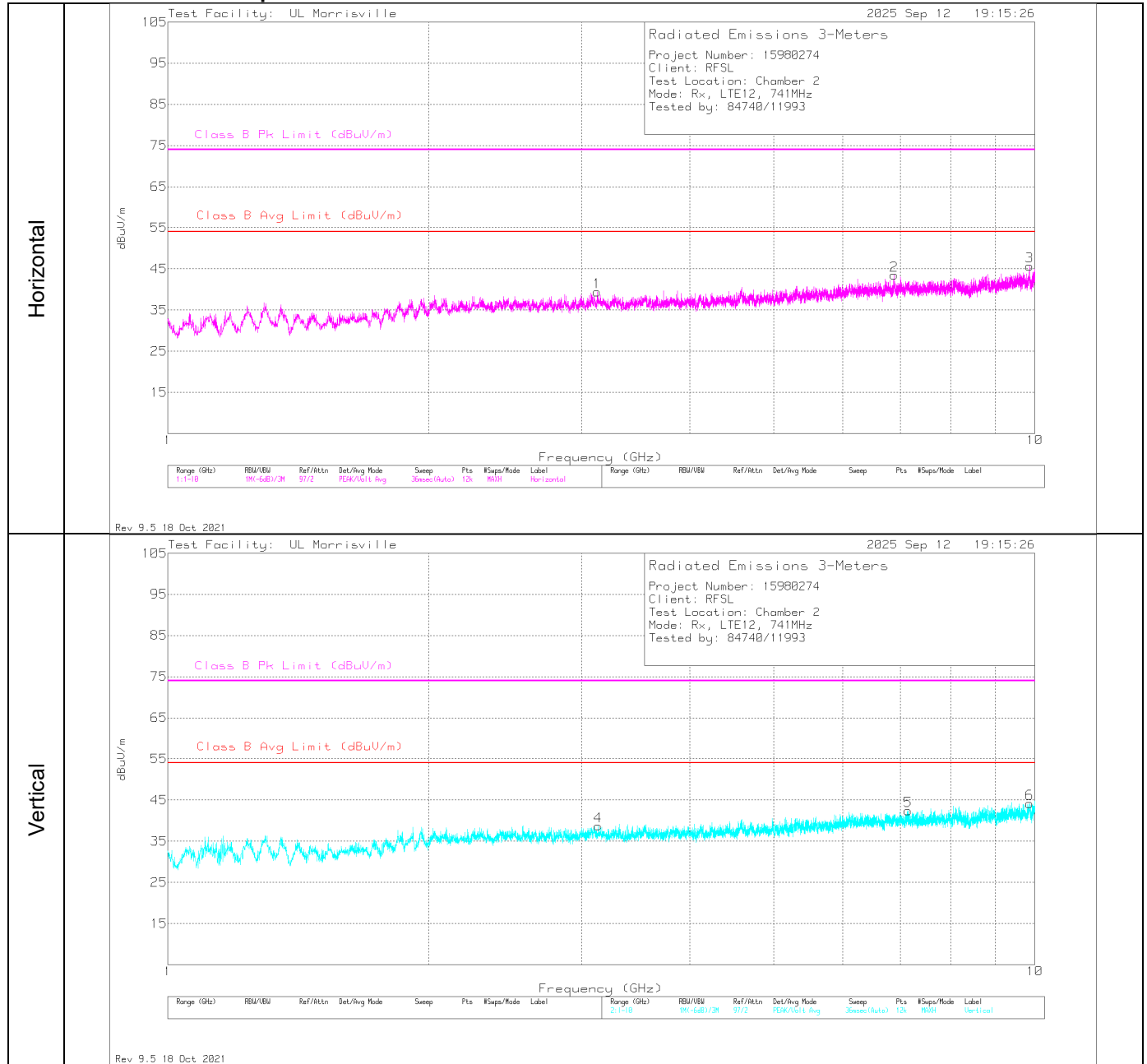
EUT: GSM/WCDMA/LTE/NR/SCS/NTN Phone +
BT/BLE, DTS/UNII a/b/g/n/ac/ax/be, WPT and NFC

MODEL: SM-S942U, SM-S942U1

Radiated Emissions Data Points

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.257	56.21	Pk	31.7	-49	38.91	54	-15.09	74	-35.09	0-360	101	H
4	3.10975	52.48	Pk	33.2	-45.7	39.98	54	-14.02	74	-34.02	0-360	200	V
2	4.58725	51.22	Pk	34	-44.9	40.32	54	-13.68	74	-33.68	0-360	200	H
5	5.32225	52.96	Pk	34.3	-44.8	42.46	54	-11.54	74	-31.54	0-360	200	V
6	9.85375	47.67	Pk	37	-40	44.67	54	-9.33	74	-29.33	0-360	101	V
3	9.86275	49.03	Pk	37	-40.5	45.53	54	-8.47	74	-28.47	0-360	101	H

Pk - Peak detector

RADIATED EMISSIONS 1000 TO 18,000 MHz (Config 1, Mode 2)**Radiated Emissions Graph LTE B12 741 MHz**

REPORT NO: R15980274-E10

DATE: 2025-12-12

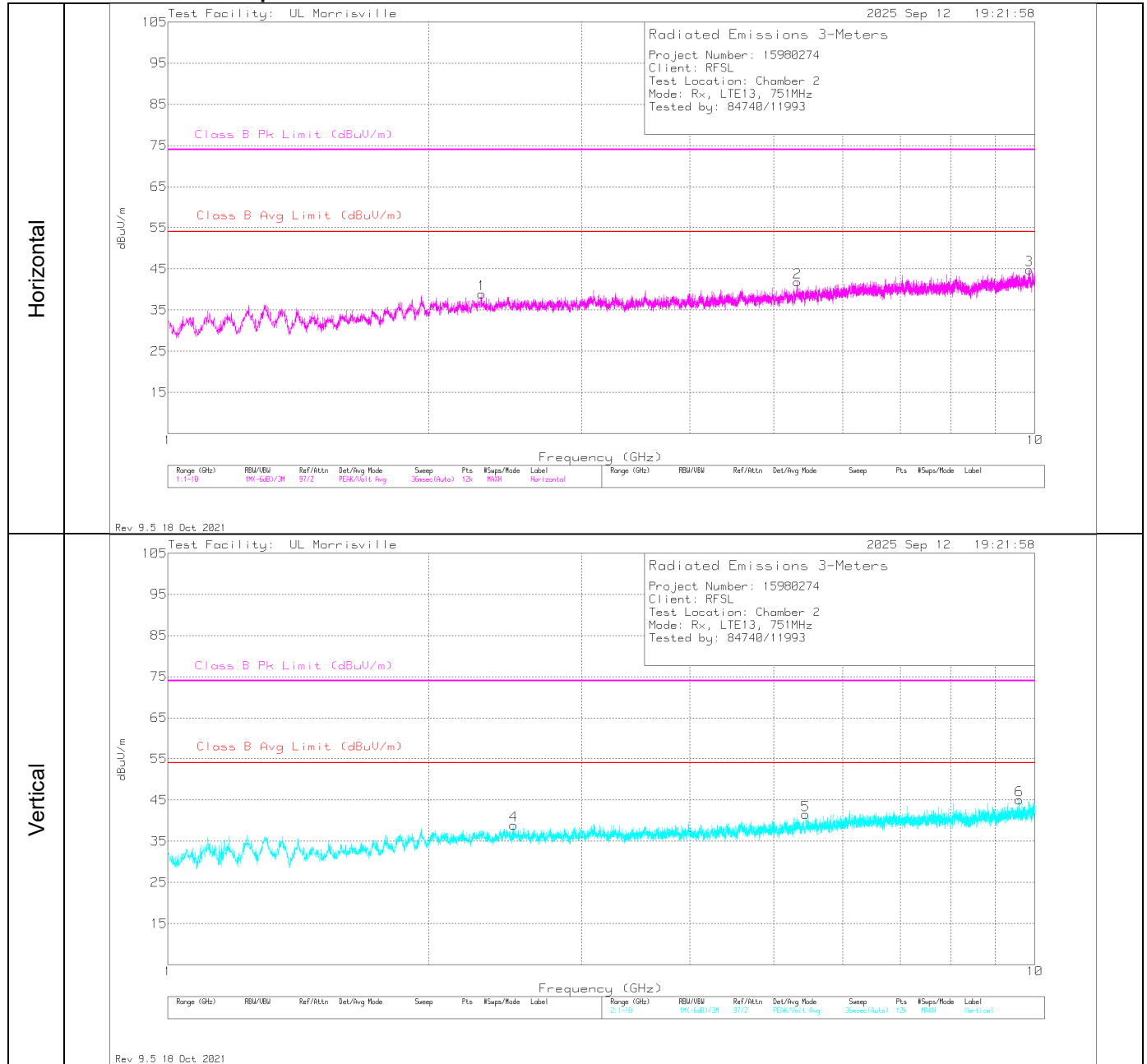
EUT: GSM/WCDMA/LTE/NR/SCS/NTN Phone +
BT/BLE, DTS/UNII a/b/g/n/ac/ax/be, WPT and NFC

MODEL: SM-S942U, SM-S942U1

Radiated Emissions Data Points

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.12625	52.59	Pk	33.2	-46.4	39.39	54	-14.61	74	-34.61	0-360	101	H
4	3.136	52.02	Pk	33.2	-46.5	38.72	54	-15.28	74	-35.28	0-360	101	V
2	6.8845	50.38	Pk	35.6	-42.5	43.48	54	-10.52	74	-30.52	0-360	200	H
5	7.14325	49.77	Pk	35.6	-42.9	42.47	54	-11.53	74	-31.53	0-360	101	V
6	9.85975	47.33	Pk	37	-40.2	44.13	54	-9.87	74	-29.87	0-360	200	V
3	9.86275	49.21	Pk	37	-40.5	45.71	54	-8.29	74	-28.29	0-360	101	H

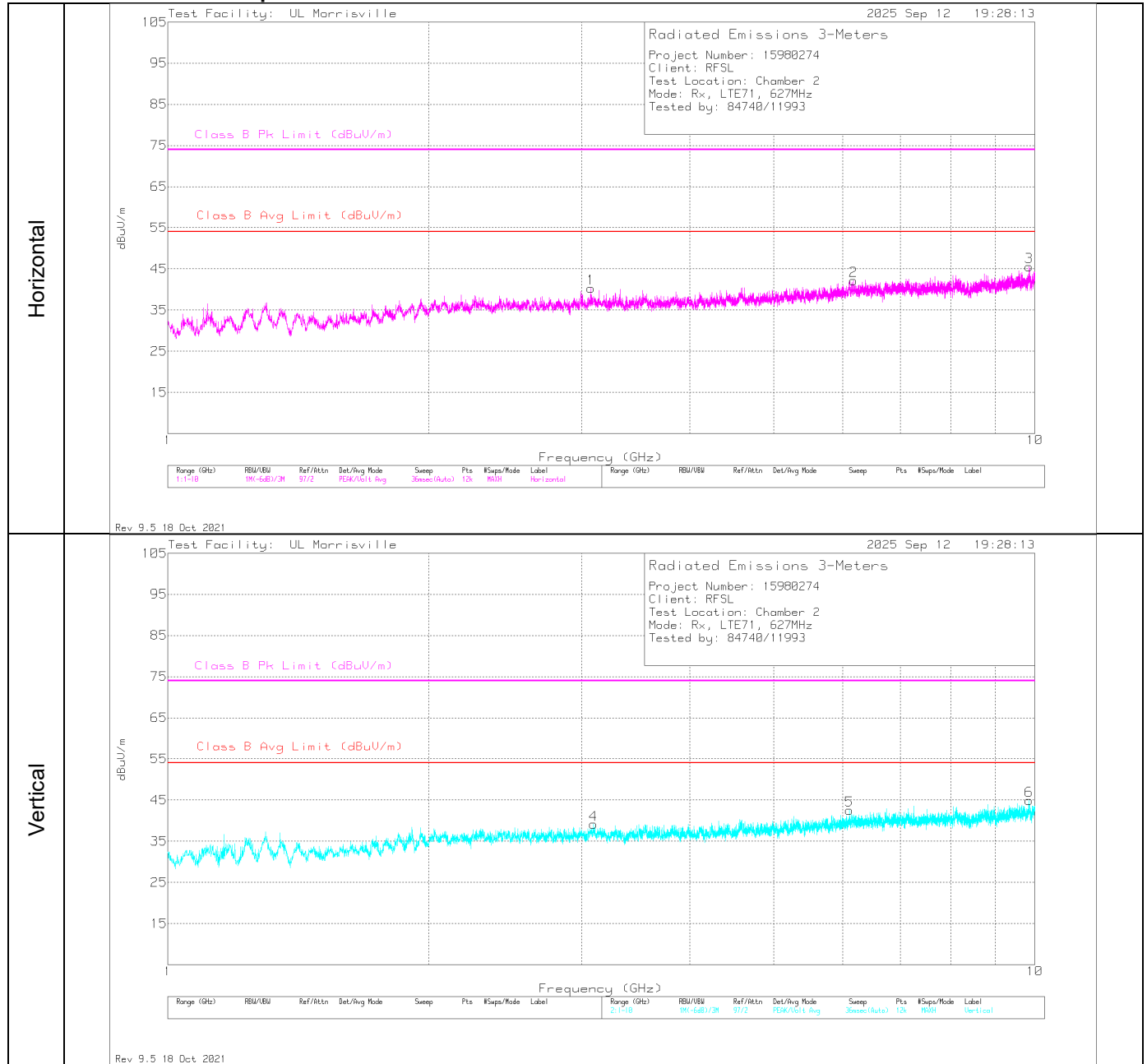
Pk - Peak detector

RADIATED EMISSIONS 1000 TO 18,000 MHz (Config 1, Mode 2)**Radiated Emissions Graph LTE B13 751 MHz**

Radiated Emissions Data Points

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.30125	55.74	Pk	31.8	-48.6	38.94	54	-15.06	74	-35.06	0-360	101	H
4	2.5045	54.75	Pk	32.3	-48.1	38.95	54	-15.05	74	-35.05	0-360	200	V
2	5.323	52.45	Pk	34.3	-44.9	41.85	54	-12.15	74	-32.15	0-360	101	H
5	5.44225	51.48	Pk	34.5	-44.5	41.48	54	-12.52	74	-32.52	0-360	200	V
6	9.59725	49.44	Pk	36.7	-41.1	45.04	54	-8.96	74	-28.96	0-360	200	V
3	9.85675	47.57	Pk	37	-39.8	44.77	54	-9.23	74	-29.23	0-360	200	H

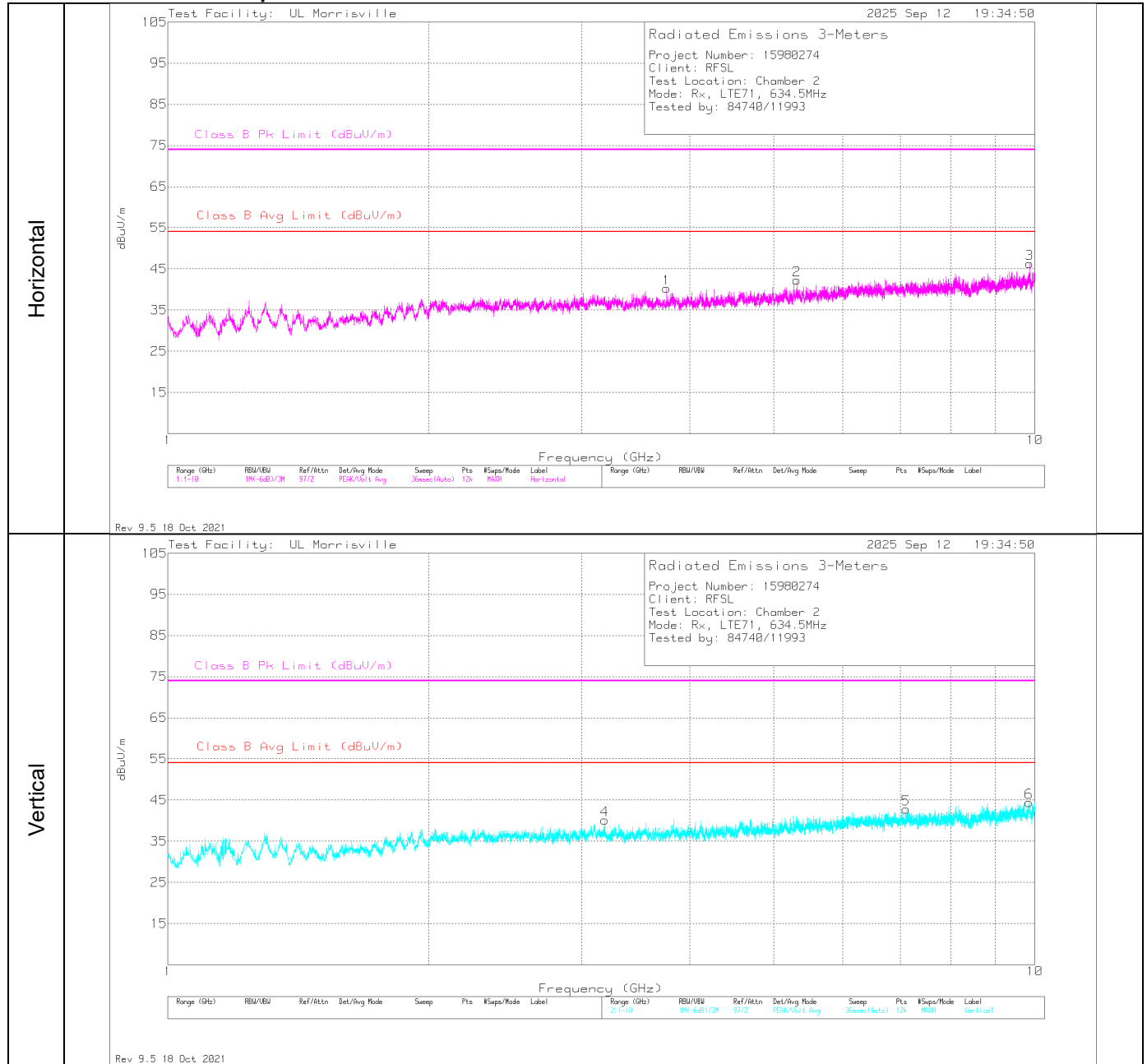
Pk - Peak detector

RADIATED EMISSIONS 1000 TO 18,000 MHz (Config 1, Mode 2)**Radiated Emissions Graph LTE B71 627 MHz**

Radiated Emissions Data Points

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	3.07825	52.91	Pk	33.2	-45.8	40.31	54	-13.69	74	-33.69	0-360	200	H
4	3.0955	51.8	Pk	33.2	-45.9	39.1	54	-14.9	74	-34.9	0-360	200	V
5	6.10975	50.75	Pk	35.4	-43.6	42.55	54	-11.45	74	-31.45	0-360	101	V
2	6.1825	50.34	Pk	35.5	-43.7	42.14	54	-11.86	74	-31.86	0-360	101	H
6	9.8545	47.78	Pk	37	-39.9	44.88	54	-9.12	74	-29.12	0-360	200	V
3	9.85525	48.48	Pk	37	-39.9	45.58	54	-8.42	74	-28.42	0-360	101	H

Pk - Peak detector

RADIATED EMISSIONS 1000 TO 18,000 MHz (Config 1, Mode 2)**Radiated Emissions Graph LTE B71 634.5 MHz**

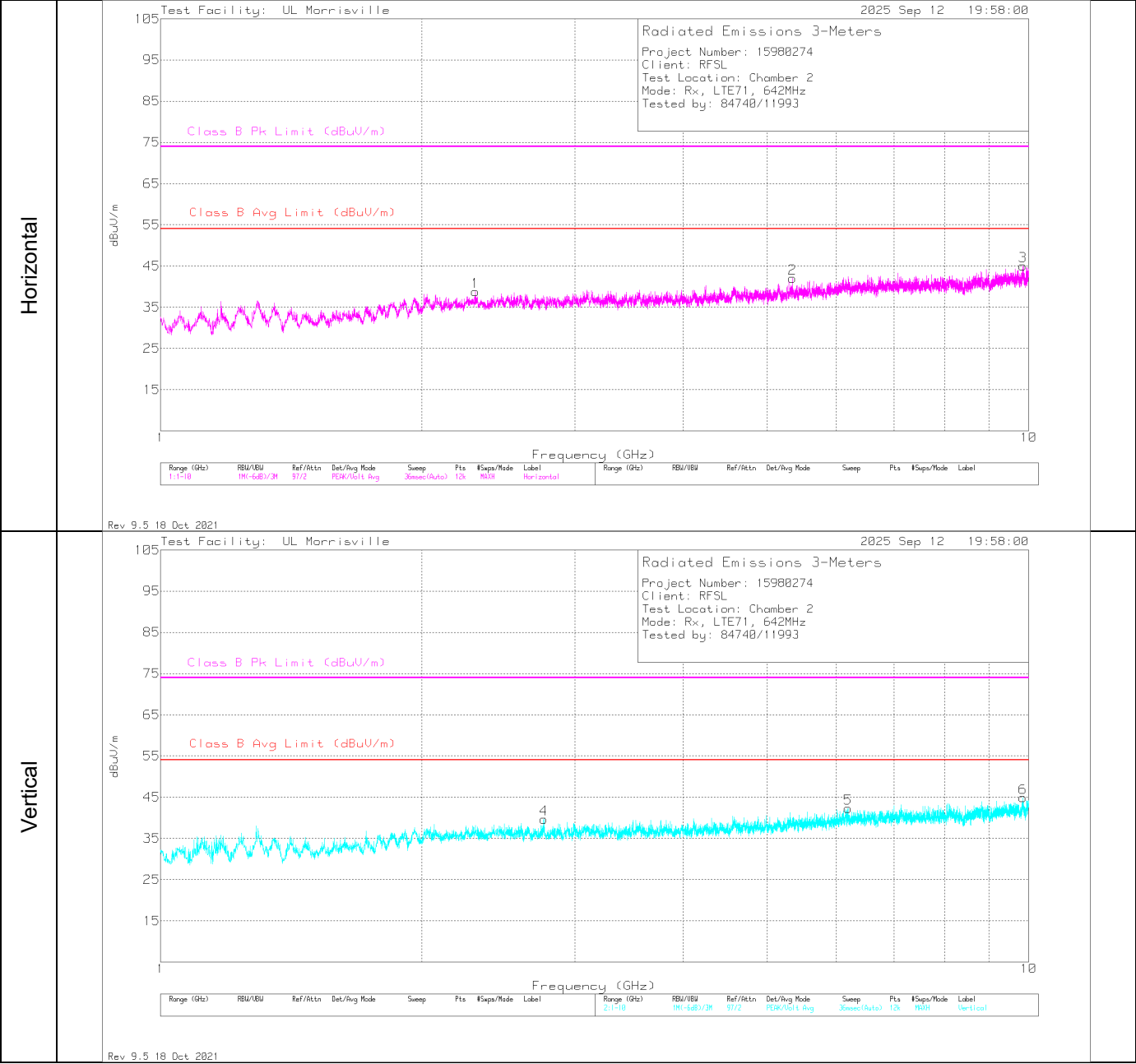
Radiated Emissions Data Points

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	3.19	53.5	Pk	32.9	-46.2	40.2	54	-13.8	74	-33.8	0-360	199	V
1	3.76	53.73	Pk	33.2	-46.7	40.23	54	-13.77	74	-33.77	0-360	199	H
2	5.314	52.48	Pk	34.3	-44.5	42.28	54	-11.72	74	-31.72	0-360	199	H
5	7.1005	49.44	Pk	35.6	-42.2	42.84	54	-11.16	74	-31.16	0-360	199	V
6	9.856	47.24	Pk	37	-39.8	44.44	54	-9.56	74	-29.56	0-360	199	V
3	9.85975	49.54	Pk	37	-40.2	46.34	54	-7.66	74	-27.66	0-360	199	H

Pk - Peak detector

RADIATED EMISSIONS 1000 TO 18,000 MHz (Config 1, Mode 2)

Radiated Emissions Graph LTE B71 642 MHz



Radiated Emissions Data Points

Marker	Frequency (GHz)	Meter Reading (dBuV)	Det	88761 (dB/m)	Gain/Loss (dB)	Corrected Reading dBuV/m	Class B Avg Limit (dBuV/m)	Margin (dB)	Class B Pk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	2.30425	55.6	Pk	31.8	-48.6	38.8	54	-15.2	74	-35.2	0-360	101	H
4	2.76325	54.25	Pk	32.2	-46.8	39.65	54	-14.35	74	-34.35	0-360	101	V
2	5.34175	52.52	Pk	34.4	-44.9	42.02	54	-11.98	74	-31.98	0-360	200	H
5	6.19825	50.48	Pk	35.6	-43.8	42.28	54	-11.72	74	-31.72	0-360	101	V
3	9.85525	47.95	Pk	37	-39.9	45.05	54	-8.95	74	-28.95	0-360	101	H
6	9.85525	47.77	Pk	37	-39.9	44.87	54	-9.13	74	-29.13	0-360	200	V

Pk - Peak detector

Appendix A**Facilities, Accreditations and Authorizations**

UL LLC is accredited by A2LA, Certificate Number 0751.06, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

	Address	ISED CABID	ISED Company Number	FCC Registration
☐	Building: 12 Laboratory Dr Durham, NC 27713, U.S.A	US0067	2180C	825374
☒	Building: 2800 Perimeter Park Drive, Suite B, Morrisville, NC, 27560		27265	

REPORT NO: R15980274-E10

DATE: 2025-12-12

EUT: GSM/WCDMA/LTE/NR/SCS/NTN Phone +
BT/BLE, DTS/UNII a/b/g/n/ac/ax/be, WPT and NFC

MODEL: SM-S942U, SM-S942U1

6.0 SETUP PHOTOS

Refer to R15980274-EP1a for Setup Photos and Setup Diagrams.

END OF TEST REPORT