SPOT CHECK TEST REPORT

Report Number: 15496283-E1V3

Applicant	:	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.
Model	:	A3516, A3517, A3518
Brand	:	APPLE
FCC ID	:	BCG-E8954A, BCG-E8955A, BCG-E8956A
EUT Description	:	SMARTPHONE
Test Standard(s)	:	FCC 47 CFR Part 2, Part 22, Part 24, Part 25, Part 27, Part 90, and Part 96

Date Of Issue:
2025-08-18

Prepared by:
UL Verification Services Inc.
47173 Benicia Street
Fremont, CA 94538, U.S.A.
TEL: (510) 319-4000
FAX: (510) 661-0888

ACCREDITED
CERT #0751.05

Revision History

Rev.	Issue Date	Revisions	Revised By
V1	2025-08-07	Initial Review	--
V2	2025-08-07	Addressed TCB Feedback. Updated Section 5.1, 5.2, 5.3, and 5.7	M.V.
V3	2025-08-18	Updated Section 5	Eric Ting

TABLE OF CONTENTS

1. ATTESTATION OF TEST RESULTS 4

2. TEST METHODOLOGY 5

3. FACILITIES AND ACCREDITATION 5

4. DECISION RULES AND MEASUREMENT UNCERTAINTY 6

4.1. METROLOGICAL TRACEABILITY 6

4.1. DECISION RULES 6

4.2. MEASUREMENT UNCERTAINTY 6

4.3. SAMPLE CALCULATION 6

5. INTRODUCTION OF TEST DATA REUSE 7

5.1. DESCRIPTION OF EUT 7

5.2. INTRODUCTION 7

5.3. MODEL DIFFERENCES 7

5.4. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3516 9

5.4.1. A3260 AND A3516 BAND 7 RADIATED PLOTS AND DATA 12

5.4.2. A3260 AND A3516 BAND 25 RADIATED PLOTS AND DATA 16

5.5. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3517 20

5.5.1. A3260 AND A3517 BAND 7 RADIATED PLOTS AND DATA 23

5.5.2. A3260 AND A3517 BAND 25 RADIATED PLOTS AND DATA 27

5.5.3. A3260 AND A3517 BAND 26 (PART 22) RADIATED PLOTS AND DATA 31

5.6. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3518 35

5.6.1. A3260 AND A3518 BAND 7 RADIATED PLOTS AND DATA 38

5.6.2. A3260 AND A3518 BAND 25 RADIATED PLOTS AND DATA 42

5.6.3. A3260 AND A3518 BAND 26 (PART 22) RADIATED PLOTS AND DATA 46

5.7. REFERENCE DETAIL 50

5.8. SOFTWARE AND FIRMWARE 51

5.9. SPOT CHECK WORST-CASE CONFIGURATION AND MODE 51

5.10. DESCRIPTION OF TEST SETUP 51

6. TEST AND MEASUREMENT EQUIPMENT 53

Appendix A – Reference Test Report 54

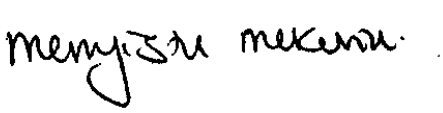
1. ATTESTATION OF TEST RESULTS

Applicant Name and Address	APPLE, INC 1 APPLE PARK WAY CUPERTINO, CA 95014, U.S.A.
Model	A3516, A3517, A3518
Brand	APPLE
FCC ID	BCG-E8954A, BCG-E8955A, BCG-E8956A
EUT Description	SMARTPHONE
Serial Number	MODEL (A3516): C07HGE000Q30000XN1(Conducted), G6QPY2G4Y5 (Radiated) MODEL (A3517): C07HGD0008A0000YGJ (Conducted), DRYWP3KPYV (Radiated) MODEL (A3518): C07HGF003G0000YGK (Conducted), RLKXN070PL (Radiated)
Sample Receipt Date	2025-04-25
Date Tested	2025-04-27 to 2025-08-06
Applicable Standards	FCC 47 CFR Part 2, Part 22, Part 24, Part 25, Part 27, Part 90, and Part 96
Test Results	COMPLIES

UL Verification Services Inc. 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.

This document may not be altered or revised in any way unless done so by UL Verification Services Inc.and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Verification Services Inc.will constitute fraud and shall nullify the document.

Approved & Released By:	Reviewed By:	Prepared By:
		
Mengistu Mekuria Staff Engineer UL Verification Services Inc.	Tewodros Woldemichael Laboratory Engineer UL Verification Services Inc.	Michael Vang Laboratory Engineer UL Verification Services Inc.

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with the following:

- ANSI C63.26:2015
- ANSI/TIA-603-E (2016)
- FCC 47 CFR Part 2, Part 22, Part 24, Part 25, Part 27, Part 90, and Part 96
- FCC KDB 971168 D01 v03r01: Power Meas License Digital Systems
- FCC KDB 971168 D02 v02r01: Misc Rev Approv License Devices
- FCC KDB 484596 D01 v03: Referencing Test Data

3. FACILITIES AND ACCREDITATION

UL Verification Services Inc. is accredited by A2LA, certification #0751.05, 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 1: 47173 Benicia Street, Fremont, CA 94538, USA	US0104	2324A	550739
☒	Building 2: 47266 Benicia Street, Fremont, CA 94538, USA			
☒	Building 3: 843 Auburn Court, Fremont, CA 94538, USA			
☐	Building 4: 47658 Kato Rd, Fremont, CA 94538, USA			
☒	Building 5: 47670 Kato Rd, Fremont, CA 94538, USA			

4. DECISION RULES AND MEASUREMENT UNCERTAINTY

4.1. 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.

4.1. 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.)

4.2. MEASUREMENT UNCERTAINTY

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

PARAMETER	U_{Lab}
Conducted Antenna Port Emission Measurement	1.940 dB
Power Spectral Density	2.466 dB
Time Domain Measurements Using SA	3.39 %
RF Power Measurement Direct Method Using Power Meter	0.450 dB Ave. 1.300 dB Peak
Radio Frequency (Spectrum Analyzer)	141.16 Hz
Occupied Bandwidth	1.22%
Worst Case Conducted Disturbance, 9KHz to 0.15 MHz	3.78 dB
Worst Case Conducted Disturbance, 0.15 to 30 MHz	3.40 dB
Worst Case Radiated Disturbance, 9KHz to 30 MHz	2.87 dB
Worst Case Radiated Disturbance, 30 to 1000 MHz	6.01 dB
Worst Case Radiated Disturbance, 1000 to 18000 MHz	4.73 dB
Worst Case Radiated Disturbance, 18000 to 26000 MHz	4.51 dB
Worst Case Radiated Disturbance, 26000 to 40000 MHz	5.29 dB

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

4.3. 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 dBuV + 18.7 dB/m + 0.6 dB – 26.9 dB = 28.9 dBuV/m

5. INTRODUCTION OF TEST DATA REUSE

5.1. DESCRIPTION OF EUT

"The Apple iPhone is a smartphone with cellular GSM, GPRS, EGPRS, WCDMA, LTE, 5GNR1, 5GNR2, IEEE 802.11a/b/g/n/ac/ax/be, Bluetooth (BT), Ultra-Wideband (UWB), Global Positioning System (GPS), Near-Field Communication (NFC), Narrow-Band (NB) UNII, 802.15.4, 802.15.4ab-Narrow Band (NB), Wireless Power Transfer (WPT) and Mobile Satellite Service (MSS) technologies. The rechargeable battery is not user accessible."

Testing was performed on the parent model and is used to support the application for the parent and variants identified in this report based on the test plan submitted and approved via KDB inquiry by the FCC.

5.2. INTRODUCTION

This application for certification is leveraging the data reuse procedures from KDB 484596 D01 based on reference FCC ID: BCG-E8948A to cover variant models FCC ID: BCG-E8954A, FCC ID BCG-E8955A, and FCC ID BCG-E8956A. The major difference between the parent/reference model and the variant model is the depopulation of some LTE and 5G NR Bands. All other circuitry and features are identical. The data reuse test plan was approved via manufacturer KDB inquiry.

5.3. MODEL DIFFERENCES

The manufacturer hereby declares the following for models A3260, A3516, A3517, and A3518.

These models are highly similar, with the only difference being the supported cellular bands.

Model	FCC ID	Feature Difference	Sim Support	Reference Model
A3260	BCG-E8948A	No FR2 -No B11/21 No UL MIMO	eSIM	Reference
A3516	579C-E8954A	No FR2 -Added B11/21 -Removed B14/29/71 No UL MIMO	eSIM	A3260
A3517	579C-E8955A	No FR2 -Removed B11/21/14/29/71 No UL MIMO	eSIM	
A3518	579C-E8956A	No FR2 -Removed B11/21/14/29/53/71 No UL MIMO No MSS	eSIM	

Note:

They have the same PCB layout, design, common components, antennas, antenna locations and housing cases.

More specifically, their cellular modem, Wi-Fi, BT, NFC, WPT and UWB transmitters are identical, and removal of cellular bands is done by software and depopulation of band-specific components associated with the removed bands.

Spot check verification has been done on models A3516, A3517 and A3518 in accordance with the test plan approved via KDB inquiry. Spot checks were performed for conducted output power in all bands and radiated spurious emissions on selected bands representing bands below 1GHz, in the range 1 - 2GHz, in the range 2 - 3GHz and above 3GHz. For data referencing the criteria from KDB 484596 D01 v03 equation (4).

For EMC compliance test data (e.g., spurious emissions limits), the deviation between the variant and the parent model, for both field and power quantities, is expressed as:

$$d_{dB} = | V_{dB} - R_{dB} | \quad (1),$$

where V_{dB} is the variant spot-check level in dB, and R_{dB} is the corresponding reference measurement level in dB for the parent model.

The spot-check will be deemed acceptable when:

$$d_{dB} \leq d_{dBmax} \quad (2),$$

where d_{dBmax} is the maximum deviation d_{dB} allowed for the EMC data for the spot-check to be considered acceptable. The definition of d_{dBmax} is based on "how far" the reference data R_{dB} is from the compliance threshold C_{dB} (also expressed in dB), for the test under consideration. More specifically, if M_{dB} is the margin in dB from the compliance limit, expressed as

$$M_{dB} = |C_{dB} - R_{dB}| \quad (3),$$

then d_{dBmax} is defined as a function of M_{dB}, which increases linearly from 3 dB to 6 dB (Fig. 2), according to:

$$d_{dBmax}(M_{dB}) = \begin{cases} (3 + M_{dB}/20)\ dB & , \text{for } 0 \leq M_{dB} \leq 60\ dB \\ 6\ \text{dB} & , \text{for } M_{dB} > 60\ \text{dB} \end{cases} \quad (4).$$

The meaning of eq. (4) can be expressed as follows:

- For $M_{dB} = 0$ dB, then $d_{dB} \leq 3$ dB: $M_{dB} = 0$ dB => $R_{dB} = C_{dB}$, which represents the limiting case when R_{dB} is exactly at the compliance threshold C_{dB}; according to (4) the variant level V_{dB} cannot be more than 3 dB away from the reference level R_{dB}, but in this case, it can only be lower than R_{dB}. Any value greater than R_{dB} would be out of compliance since $R_{dB} = C_{dB}$.
- As the compliance margin M_{dB} becomes larger than 0, a more "forgiving" d_{dB} (larger than 3 dB but always less than 6dB) is allowed. Additionally, the variant level V_{dB} can exceed the reference level RdB, but it will still be limited by the compliance level CdB.
- For $M_{dB} > 60$ dB, then $d_{dB} = 6$ dB: Here, the reference data is 60 dB below the compliance threshold C_{dB}. This is typically the case when the measurements are approaching the noise floor level. For this reason, the difference d_{dB} is allowed to be up to 6 dB. However, no further increase beyond $d_{dB} = 6$ dB, is allowed, even for larger margins. In other words, even if M_{dB} =80 dB, the maximum allowed difference d_{dB} will still be 6 dB.

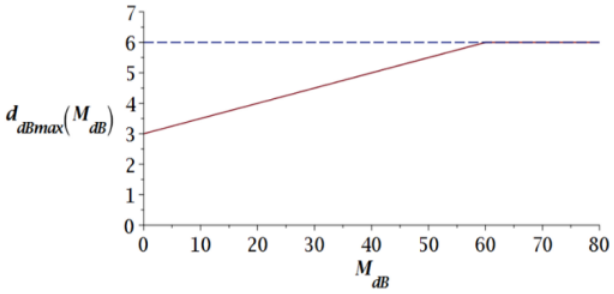


Figure 2. The piecewise linear function for d_{dBmax}, which represents the maximum allowed d_{dB}, as given by eq. (4). The spot-check is acceptable when the deviation d_{dB} is below the d_{dBmax} curve.

5.4. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3516

A3516 SPOT CHECK RESULTS							
Technology	Worst Mode	Test Item	Measured Frequency MHz	Original Model: A3260 FCC ID :BCG-E8948A (dBm)	Sub Model: A3516 FCC ID: BCG-E8954A (dBm)	Delta (dB)	Remarks
GSM	GPRS 850	Cond Power	836.5	33.50	33.50	0.00	
	GPRS 1900	Cond Power	1880.0	32.00	31.67	-0.33	
WCDMA	REL99 B5	Cond Power	836.5	25.70	25.70	0.00	
	REL99 B2	Cond Power	1880.0	25.70	25.70	0.00	
	REL99 B4	Cond Power	1732.5	25.70	25.70	0.00	

A3516 Spot Check Results							
Technology	Worst Mode	Test Item	Measured Frequency (MHz)	Original Model: A3260 FCC ID: BCG-E8948A (dBm)	Sub Model: A3516 FCC ID: BCG-E8954A (dBm)	Delta (dB)	Remarks
LTE 5CA	QPSK @ 10MHz+10MHz BW	Cond Power	831.5/841.4	25.7	25.7	0.00	
LTE 7CA	QPSK @ 20MHz+20MHz BW	Cond Power	2525.1/2544.9	25.7	25.7	0.00	
LTE 41CA	QPSK @ 20MHz+20MHz BW	Cond Power	2583.1/2602.9	28.7	28.7	0.00	
LTE 48CA	QPSK @ 20MHz+20MHz BW	Cond Power	3615.1/3634.9	26.0	26.0	0.00	

A3516 ANTENNA PORT SPOT CHECK RESULTS							
Technology	Worst Mode	Test Item	Measured	Original Model: A3260	Sub Model: A3516	Delta (dB)	Remarks
			Frequency (MHz)	FCC ID: BCG-E8948A (dBm)	FCC ID: BCG-E8954A (dBm)		
LTE BAND 7	QPSK @ 20 MHz BW	Cond Power	2535.0	25.70	25.70	0.0	
5G NR BAND N7	BPSK @ 40 MHz BW	Cond Power	2535.0	25.70	25.70	0.0	
LTE BAND 12	QPSK @ 10 MHz BW	Cond Power	707.5	25.70	25.70	0.0	
5G NR BAND N12	BPSK @ 15 MHz BW	Cond Power	707.5	25.70	25.70	0.0	
LTE BAND 13	QPSK @ 10 MHz BW	Cond Power	782.0	25.70	25.70	0.0	
LTE BAND 17	QPSK @ 10 MHz BW	Cond Power	710.0	25.70	25.70	0.0	
LTE BAND 25	QPSK @ 20 MHz BW	Cond Power	1882.5	25.70	25.70	0.0	
5G NR BAND N25	BPSK @ 40 MHz BW	Cond Power	1882.5	25.70	25.70	0.0	
LTE BAND 26 (90S)	QPSK @10 MHz BW	Cond Power	819.0	25.70	25.70	0.0	
5G NR BAND N26 (90S)	BPSK @10 MHz BW	Cond Power	819.0	25.70	25.70	0.0	
LTE BAND 26 (P22)	QPSK @ 10 MHz BW	Cond Power	836.5	25.70	25.70	0.0	
5G NR BAND N26 (P22)	BPSK @20 MHz BW	Cond Power	836.5	25.70	25.70	0.0	
LTE BAND 30	QPSK @ 10 MHz BW	Cond Power	2310.0	25.70	25.70	0.0	
5G NR BAND N30	BPSK @ 10 MHz BW	Cond Power	2310.0	25.70	25.70	0.0	
LTE BAND 41	QPSK @ 20 MHz BW	Cond Power	2593.0	28.70	28.70	0.0	
5G NR BAND N41	BPSK @ 100 MHz BW	Cond Power	2593.0	28.70	28.70	0.0	
LTE BAND 48	QPSK @ 20 MHz BW	Cond Power	3620.0	26.00	26.00	0.0	
5G NR BAND N48	BPSK @ 40 MHz BW	Cond Power	3620.0	26.00	26.00	0.0	
LTE BAND 53	QPSK @ 10 MHz BW	Cond Power	2489.0	20.70	20.70	0.0	
5G NR BAND N53	BPSK @ 10 MHz BW	Cond Power	2489.0	20.70	20.70	0.0	
LTE BAND 66	QPSK @ 20 MHz BW	Cond Power	1745.0	25.70	25.70	0.0	
5G NR BAND N66	BPSK @ 40 MHz BW	Cond Power	1745.0	25.70	25.70	0.0	
5G NR BAND n70	QPSK @ 15 MHz BW	Cond Power	1702.5	25.70	25.70	0.0	
5G NR BAND N77	BPSK @ 100 MHz BW	Cond Power	3500.0	28.70	28.70	0.0	
5G NR BAND N77	BPSK @ 100 MHz BW	Cond Power	3840.0	28.70	28.70	0.0	

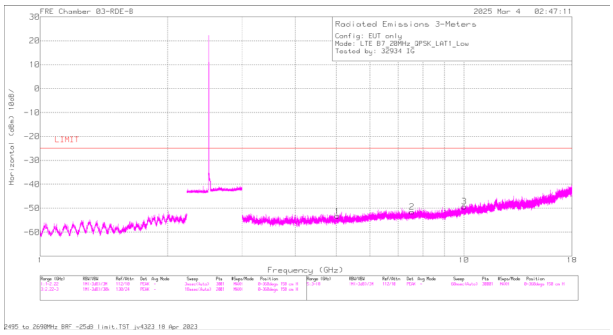
A3516 RADIATED SPOT CHECK RESULTS								
Technology	Worst Mode	Test Item	Measured Frequency (MHz)	Original Model: A3260 FCC ID: BCG-E8948A (dBm)	Sub Model: A3516 FCC ID: BCG-E8954A (dBm)	Delta (dB)	Margin (dB) M(dB)=C(dB)-R(dB)	Remarks
LTE BAND 7	QPSK @ highest BW	RSE	2535.0	-48.66	-41.04	7.62	23.66	Note 3
LTE BAND 25	QPSK @ highest BW	RSE	1882.5	-50.91	-42.37	8.54	37.91	Note 3
LTE BAND 26 (P22)	QPSK @ highest BW	RSE	836.5	-45.61	-45.03	0.58	32.61	Note 1
LTE BAND 48	QPSK @ 20 MHz BW	RSE	3625.0	-50.34	-49.79	0.55	10.34	Note 1

Note 1: Deviation is within the threshold to allow for full data referencing.
Note 2: Noise floor measurement.
Note 3: Deviation is larger then the threshold to allow for data referencing. As the full test for this band had significant margin to the limits (typically more than 20dB but always more than 15dB) additional tests for other bands were not considered necessary.Full set of measurements performed.

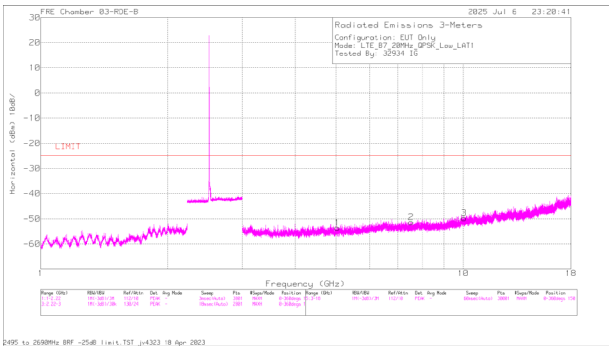
A3260 AND A3516 BAND 7 RADIATED PLOTS AND DATA

Full tests are performed on variant models.

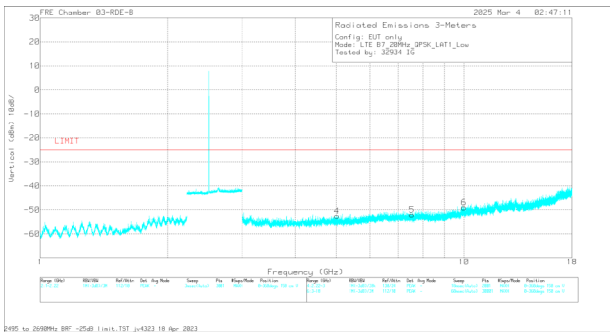
BAND 7 PLOTS



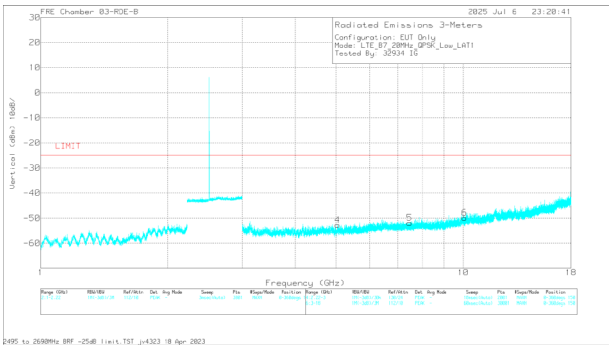
A3260 LTE B7 QPSK Low Channel Horizontal



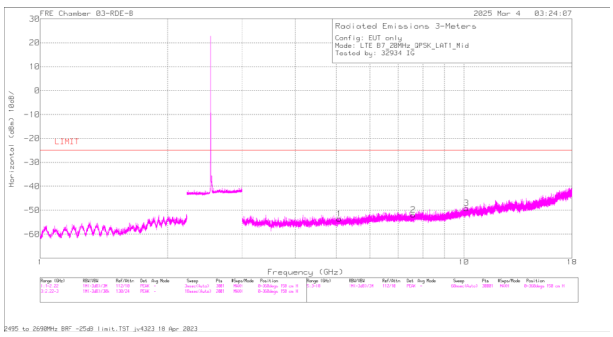
A3516 LTE B7 QPSK Low Channel Horizontal



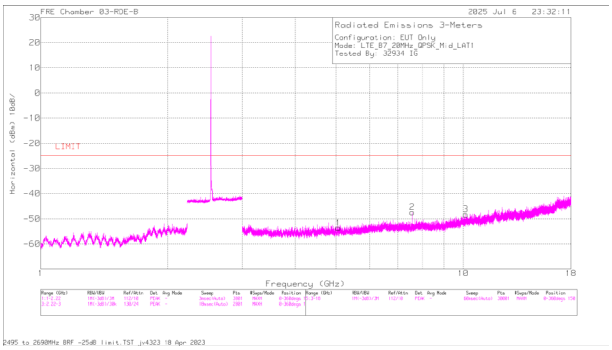
A3260 LTE B7 QPSK Low Channel Vertical



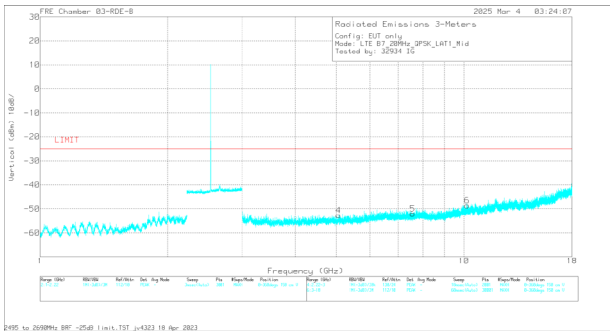
A3516 LTE B7 QPSK Low Channel Vertical



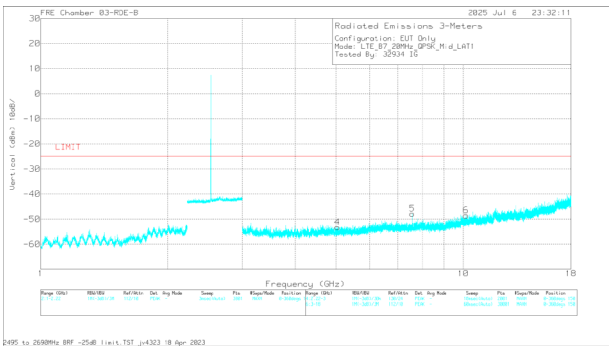
A3260 LTE B7 QPSK Mid Channel Horizontal



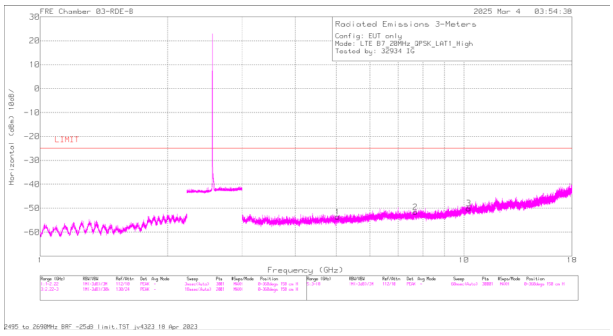
A3516 LTE B7 QPSK Middle Channel Horizontal



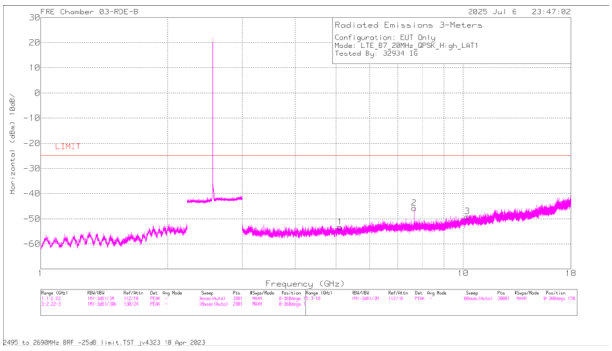
A3260 LTE B7 QPSK Mid Channel Vertical



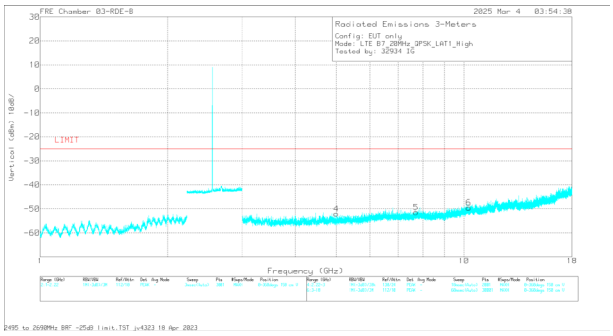
A3516 LTE B7 QPSK Middle Channel Vertical



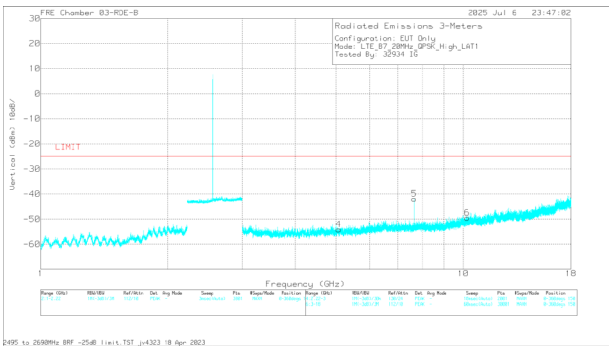
A3260 LTE B7 QPSK High Channel Horizontal



A3516 LTE B7 QPSK High Channel Horizontal



A3260 LTE B7 QPSK High Channel Vertical



A3516 LTE B7 QPSK High Channel Vertical

A3260, LTE BAND 7 (QPSK 20.0MHZ BANDWIDTH, ANT 1)

Project #:	15496283
Date:	2025-03-04
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE B7 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz									
5.020500	57.97	Pk	34.0	-95.2	-49.35	-52.58	-25	-27.58	V
5.031000	57.27	Pk	34.0	-95.2	-49.40	-53.33	-25	-28.33	H
7.536000	55.86	Pk	35.7	-95.2	-47.90	-51.54	-25	-26.54	H
7.543500	55.36	Pk	35.7	-95.2	-47.90	-52.04	-25	-27.04	V
10.001000	56.97	Pk	37.2	-95.2	-48.00	-49.03	-25	-24.03	V
10.030500	56.65	Pk	37.2	-95.2	-48.00	-49.35	-25	-24.35	H
Mid Channel, 2535MHz									
5.061500	57.89	Pk	33.9	-95.2	-49.30	-52.71	-25	-27.71	V
5.080500	57.14	Pk	33.9	-95.2	-49.50	-53.66	-25	-28.66	H
7.566500	55.47	Pk	35.7	-95.2	-48.00	-52.03	-25	-27.03	V
7.593000	55.65	Pk	35.7	-95.2	-48.10	-51.95	-25	-26.95	H
10.148000	56.78	Pk	37.4	-95.2	-48.20	-49.22	-25	-24.22	H
10.185500	57.04	Pk	37.4	-95.2	-47.90	-48.66	-25	-23.66	V
High Channel, 2560MHz									
5.000500	58.27	Pk	34.0	-95.2	-49.20	-52.13	-25	-27.13	V
5.038000	56.68	Pk	34.0	-95.2	-49.20	-53.72	-25	-28.72	H
7.681500	55.09	Pk	35.8	-95.2	-47.40	-51.71	-25	-26.71	H
7.704500	55.23	Pk	35.8	-95.2	-47.30	-51.47	-25	-26.47	V
10.259000	55.38	Pk	37.4	-95.2	-47.70	-50.12	-25	-25.12	H
10.272000	55.83	Pk	37.4	-95.2	-47.60	-49.57	-25	-24.57	V

A3516, LTE BAND 7 (QPSK 20.0MHZ BANDWIDTH, ANT 1)

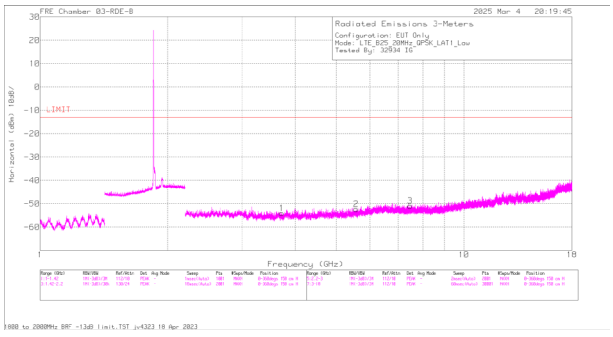
Project #:	15496283
Date:	2025-07-06
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE B7 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz									
5.038000	56.72	Pk	34.0	-95.2	-49.20	-53.68	-25	-28.68	H
5.044500	57.75	Pk	34.0	-95.2	-49.35	-52.80	-25	-27.80	V
7.468500	55.52	Pk	35.7	-95.2	-48.00	-51.98	-25	-26.98	V
7.531000	56.00	Pk	35.7	-95.2	-47.90	-51.40	-25	-26.40	H
10.043000	56.03	Pk	37.3	-95.2	-47.90	-49.77	-25	-24.77	H
10.068500	55.99	Pk	37.3	-95.2	-48.00	-49.91	-25	-24.91	V
Mid Channel, 2535MHz									
5.040500	57.18	Pk	34.0	-95.2	-49.25	-53.27	-25	-28.27	V
5.065500	56.96	Pk	33.9	-95.2	-49.40	-53.74	-25	-28.74	H
7.578314	66.56	Pk	35.7	-95.2	-48.10	-41.04	-25	-16.04	V
7.578334	65.11	Pk	35.7	-95.2	-48.10	-42.49	-25	-17.49	H
10.136000	57.48	Pk	37.4	-95.2	-48.00	-48.32	-25	-23.32	H
10.149000	57.44	Pk	37.4	-95.2	-48.20	-48.56	-25	-23.56	V
High Channel, 2560MHz									
5.073000	56.65	Pk	33.9	-95.2	-49.50	-54.15	-25	-29.15	V
5.110500	57.29	Pk	34.0	-95.2	-49.45	-53.36	-25	-28.36	H
7.653337	70.63	Pk	35.8	-95.2	-47.80	-36.57	-25	-11.57	V
7.653356	66.67	Pk	35.8	-95.2	-47.80	-40.53	-25	-15.53	H
10.212000	55.98	Pk	37.4	-95.2	-47.70	-49.52	-25	-24.52	V
10.220500	56.39	Pk	37.4	-95.2	-47.70	-49.11	-25	-24.11	H

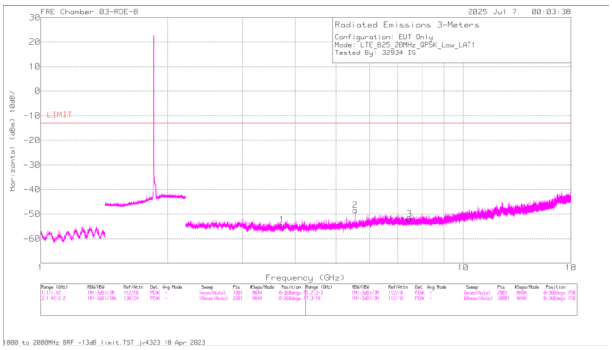
A3260 AND A3516 BAND 25 RADIATED PLOTS AND DATA

Full tests are performed on variant models.

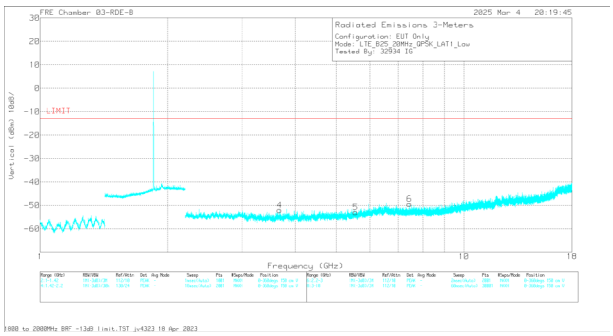
BAND 25 PLOTS



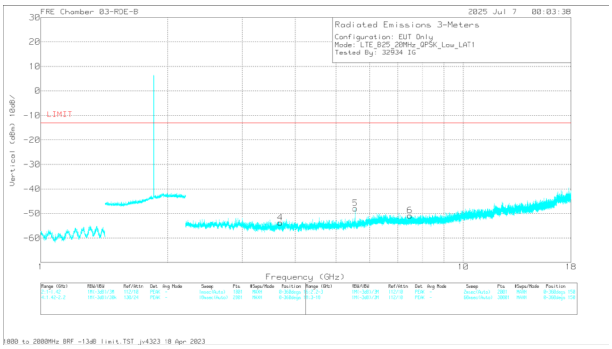
A3260 LTE B25 QPSK Low Channel Horizontal



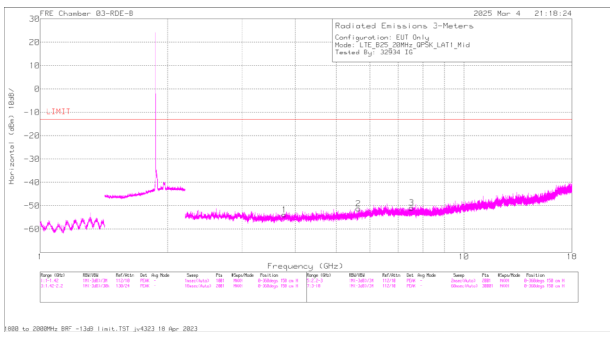
A3516 LTE B25 QPSK Low Channel Horizontal



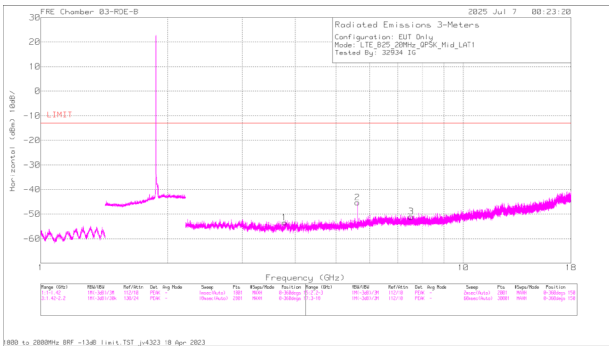
A3260 LTE B25 QPSK Low Channel Vertical



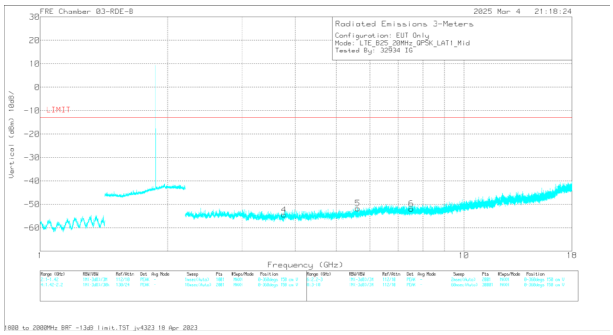
A3516 LTE B25 QPSK Low Channel Vertical



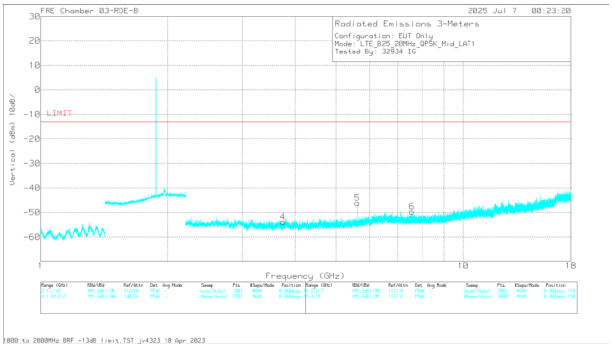
A3260 LTE B25 QPSK Mid Channel Horizontal



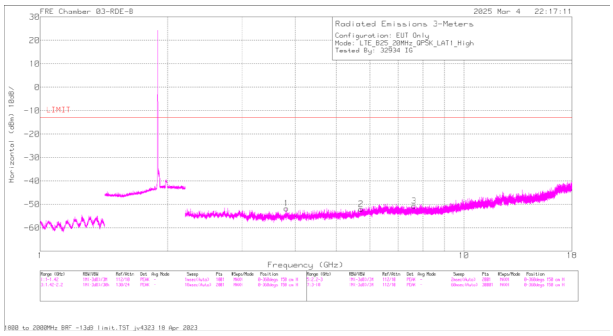
A3516 LTE B25 QPSK Middle Channel Horizontal



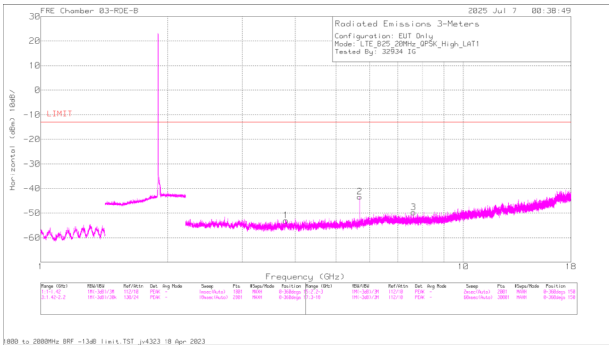
A3260 LTE B25 QPSK Mid Channel Vertical



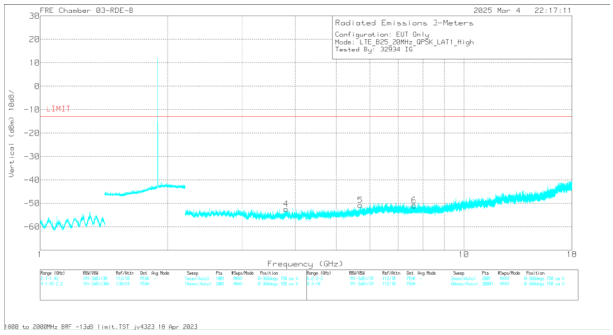
A3516 LTE B25 QPSK Middle Channel Vertical



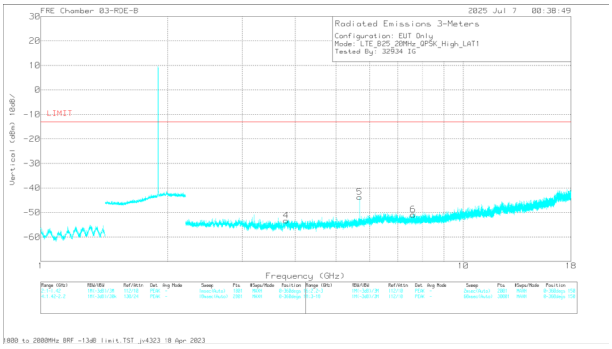
A3260 LTE B25 QPSK High Channel Horizontal



A3516 LTE B25 QPSK High Channel Horizontal



A3260 LTE B25 QPSK High Channel Vertical



A3516 LTE B25 QPSK High Channel Vertical

A3260, LTE BAND 25 (QPSK 20.0MHZ BANDWIDTH, ANT 1)

Project #:	15496283
Date:	2025-03-04
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE 25 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 1860MHz									
3.673500	57.35	Pk	32.9	-95.2	-47.10	-52.05	-13	-39.05	V
3.716000	55.20	Pk	33.0	-95.2	-47.00	-54.00	-13	-41.00	H
5.553000	56.14	Pk	34.4	-95.2	-48.30	-52.96	-13	-39.96	V
5.569500	56.89	Pk	34.4	-95.2	-48.35	-52.26	-13	-39.26	H
7.431500	57.68	Pk	35.7	-95.2	-47.60	-49.42	-13	-36.42	V
7.457500	56.37	Pk	35.7	-95.2	-47.80	-50.93	-13	-37.93	H
Mid Channel, 1882.5MHz									
3.758500	55.27	Pk	33.1	-95.2	-47.65	-54.48	-13	-41.48	V
3.769500	55.88	Pk	33.1	-95.2	-47.60	-53.82	-13	-40.82	H
5.620500	57.11	Pk	34.5	-95.2	-48.10	-51.69	-13	-38.69	V
5.639000	57.36	Pk	34.5	-95.2	-47.90	-51.24	-13	-38.24	H
7.518000	55.38	Pk	35.7	-95.2	-47.70	-51.82	-13	-38.82	V
7.527000	56.19	Pk	35.7	-95.2	-47.60	-50.91	-13	-37.91	H
High Channel, 1905MHz									
3.804500	57.16	Pk	33.2	-95.2	-47.60	-52.44	-13	-39.44	V
3.811500	57.85	Pk	33.2	-95.2	-47.55	-51.70	-13	-38.70	H
5.699500	57.57	Pk	34.5	-95.2	-47.70	-50.83	-13	-37.83	V
5.721500	56.37	Pk	34.6	-95.2	-47.70	-51.93	-13	-38.93	H
7.624500	55.70	Pk	35.7	-95.2	-46.90	-50.70	-13	-37.70	H
7.625500	55.51	Pk	35.7	-95.2	-46.90	-50.89	-13	-37.89	V

A3516, LTE BAND 25 (QPSK 20.0MHZ BANDWIDTH, ANT 1)

Project #:	15496283
Date:	2025-07-07
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE 25 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 1860MHz									
3.689000	55.61	Pk	33.0	-95.2	-47.20	-53.79	-13	-40.79	V
3.726000	54.74	Pk	33.1	-95.2	-47.00	-54.36	-13	-41.36	H
5.553274	64.32	Pk	34.4	-95.2	-48.30	-44.78	-13	-31.78	V
5.553343	65.44	Pk	34.4	-95.2	-48.30	-43.66	-13	-30.66	H
7.456500	55.26	Pk	35.7	-95.2	-47.80	-52.04	-13	-39.04	H
7.480500	56.50	Pk	35.7	-95.2	-47.85	-50.85	-13	-37.85	V
Mid Channel, 1882.5MHz									
3.745500	55.74	Pk	33.1	-95.2	-47.55	-53.91	-13	-40.91	V
3.778500	56.13	Pk	33.2	-95.2	-47.60	-53.47	-13	-40.47	H
5.620736	66.43	Pk	34.5	-95.2	-48.10	-42.37	-13	-29.37	V
5.620808	64.92	Pk	34.5	-95.2	-48.10	-43.88	-13	-30.88	H
7.528000	56.13	Pk	35.7	-95.2	-47.70	-51.07	-13	-38.07	H
7.560000	57.03	Pk	35.7	-95.2	-47.20	-49.67	-13	-36.67	V
High Channel, 1905MHz									
3.809500	56.54	Pk	33.2	-95.2	-47.55	-53.01	-13	-40.01	H
3.812500	56.15	Pk	33.2	-95.2	-47.45	-53.30	-13	-40.30	V
5.688278	67.62	Pk	34.5	-95.2	-47.93	-41.01	-13	-28.01	V
5.688280	68.32	Pk	34.5	-95.2	-47.93	-40.31	-13	-27.31	H
7.609500	55.50	Pk	35.7	-95.2	-46.90	-50.90	-13	-37.90	V
7.626500	56.67	Pk	35.7	-95.2	-46.90	-49.73	-13	-36.73	H

5.5. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3517

A3517 SPOT CHECK RESULTS							
Technology	Worst Mode	Test Item	Measured	Original Model: A3260	Sub Model: A3517	Delta (dB)	Remarks
			Frequency MHz	FCC ID :BCG-E8948A (dBm)	FCC ID: BCG-E8955A (dBm)		
GSM	GPRS 850	Cond Power	836.5	33.50	33.42	-0.08	
	GPRS 1900	Cond Power	1880.0	32.00	32.00	0.00	
WCDMA	REL99 B5	Cond Power	836.5	25.70	25.70	0.00	
	REL99 B2	Cond Power	1880.0	25.70	25.70	0.00	
	REL99 B4	Cond Power	1732.5	25.70	25.70	0.00	

A3517 Spot Check Results							
Technology	Worst Mode	Test Item	Measured	Original Model: A3260	Sub Model: A3517	Delta (dB)	Remarks
			Frequency (MHz)	FCC ID: BCG-E8948A (dBm)	FCC ID: BCG-E8955A (dBm)		
LTE 5CA	QPSK @ 10MHz+10MHz BW	Cond Power	831.5/841.4	25.7	25.7	0.00	
LTE 7CA	QPSK @ 20MHz+20MHz BW	Cond Power	2525.1/2544.9	25.7	25.7	0.00	
LTE 41CA	QPSK @ 20MHz+20MHz BW	Cond Power	2583.1/2602.9	28.7	28.7	0.00	
LTE 48CA	QPSK @ 20MHz+20MHz BW	Cond Power	3615.1/3634.9	26.0	26.0	0.00	

A3517 ANTENNA PORT SPOT CHECK RESULTS							
Technology	Worst Mode	Test Item	Measured	Original Model: A3260	Sub Model: A3517	Delta (dB)	Remarks
			Frequency (MHz)	FCC ID: BCG-E8948A (dBm)	FCC ID: BCG-E8955A (dBm)		
LTE BAND 7	QPSK @ 20 MHz BW	Cond Power	2535.0	25.70	25.70	0.0	
5G NR BAND N7	BPSK @ 40 MHz BW	Cond Power	2535.0	25.70	25.70	0.0	
LTE BAND 12	QPSK @ 10 MHz BW	Cond Power	707.5	25.70	25.70	0.0	
5G NR BAND N12	BPSK @ 15 MHz BW	Cond Power	707.5	25.70	25.70	0.0	
LTE BAND 13	QPSK @ 10 MHz BW	Cond Power	782.0	25.70	25.70	0.0	
LTE BAND 17	QPSK @ 10 MHz BW	Cond Power	710.0	25.70	25.70	0.0	
LTE BAND 25	QPSK @ 20 MHz BW	Cond Power	1882.5	25.70	25.70	0.0	
5G NR BAND N25	BPSK @ 40 MHz BW	Cond Power	1882.5	25.70	25.70	0.0	
LTE BAND 26 (90S)	QPSK @10 MHz BW	Cond Power	819.0	25.70	25.70	0.0	
5G NR BAND N26 (90S)	BPSK @10 MHz BW	Cond Power	819.0	25.70	25.70	0.0	
LTE BAND 26 (P22)	QPSK @ 10 MHz BW	Cond Power	836.5	25.70	25.70	0.0	
5G NR BAND N26 (P22)	BPSK @20 MHz BW	Cond Power	836.5	25.70	25.70	0.0	
LTE BAND 30	QPSK @ 10 MHz BW	Cond Power	2310.0	25.70	25.70	0.0	
5G NR BAND N30	BPSK @ 10 MHz BW	Cond Power	2310.0	25.70	25.70	0.0	
LTE BAND 41	QPSK @ 20 MHz BW	Cond Power	2593.0	28.70	28.70	0.0	
5G NR BAND N41	BPSK @ 100 MHz BW	Cond Power	2593.0	28.70	28.70	0.0	
LTE BAND 48	QPSK @ 20 MHz BW	Cond Power	3620.0	26.00	26.00	0.0	
5G NR BAND N48	BPSK @ 40 MHz BW	Cond Power	3620.0	26.00	26.00	0.0	
LTE BAND 53	QPSK @ 10 MHz BW	Cond Power	2489.0	20.70	20.70	0.0	
5G NR BAND N53	BPSK @ 10 MHz BW	Cond Power	2489.0	20.70	20.70	0.0	
LTE BAND 66	QPSK @ 20 MHz BW	Cond Power	1745.0	25.70	25.70	0.0	
5G NR BAND N66	BPSK @ 40 MHz BW	Cond Power	1745.0	25.70	25.70	0.0	
5G NR BAND n70	QPSK @ 15 MHz BW	Cond Power	1702.5	25.70	25.70	0.0	
5G NR BAND N77	BPSK @ 100 MHz BW	Cond Power	3500.0	28.70	28.70	0.0	
5G NR BAND N77	BPSK @ 100 MHz BW	Cond Power	3840.0	28.70	28.70	0.0	

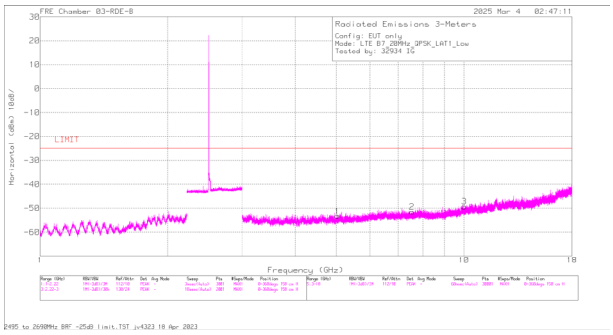
A3517 RADIATED SPOT CHECK RESULTS								
Technology	Worst Mode	Test Item	Measured Frequency (MHz)	Original Model: A3260 FCC ID: BCG-E848A (dBm)	Sub Model: A3517 FCC ID: BCG-E8955A (dBm)	Delta (dB)	Margin (dB) M(dB)=C(dB)-R(dB)	Remarks
LTE BAND 7	QPSK @ highest BW	RSE	2535.0	-48.66	-38.06	10.60	23.66	Note 3
LTE BAND 25	QPSK @ highest BW	RSE	1882.5	-50.91	-46.42	4.49	37.91	Note 3
LTE BAND 26 (P22)	QPSK @ highest BW	RSE	836.5	-45.61	-53.35	-7.74	32.61	Note 3
LTE BAND 48	QPSK @ 20 MHz BW	RSE	3625.0	-50.34	-50.57	-0.23	10.34	Note 1

Note 1: Deviation is within the threshold to allow for full data referencing.
Note 2: Noise floor measurement.
Note 3: Deviation is larger then the threshold to allow for data referencing. As the full test for this band had significant margin to the limits (typically more than 20dB but always more than 15dB) additional tests for other bands were not considered necessary.Full set of measurements performed

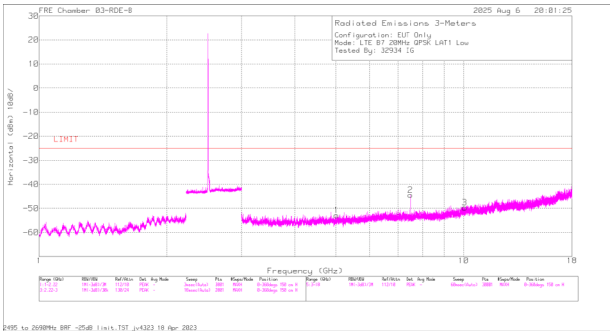
A3260 AND A3517 BAND 7 RADIATED PLOTS AND DATA

Full tests are performed on variant models.

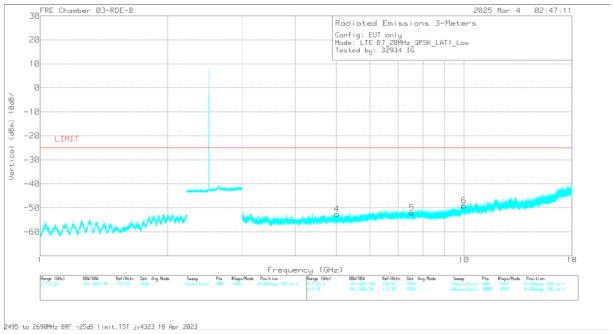
BAND 7 PLOTS



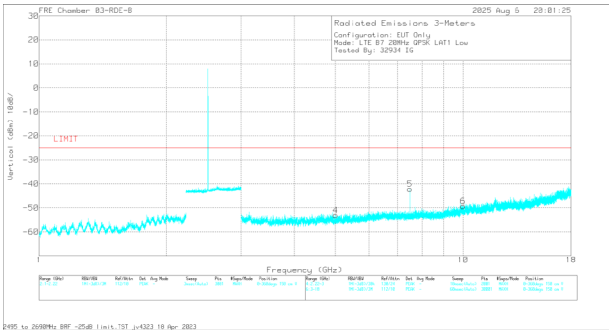
A3260 LTE B7 QPSK Low Channel Horizontal



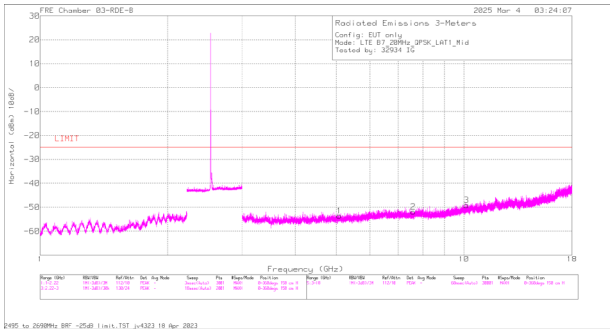
A3517 LTE B7 QPSK Low Channel Horizontal



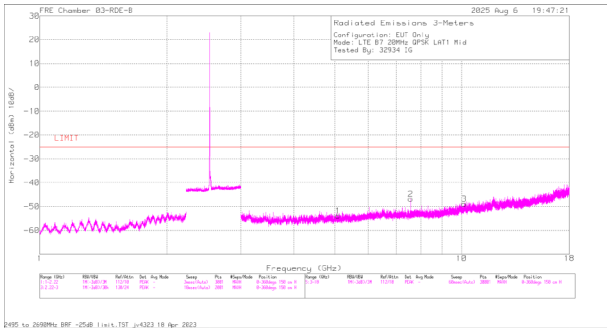
A3260 LTE B7 QPSK Low Channel Vertical



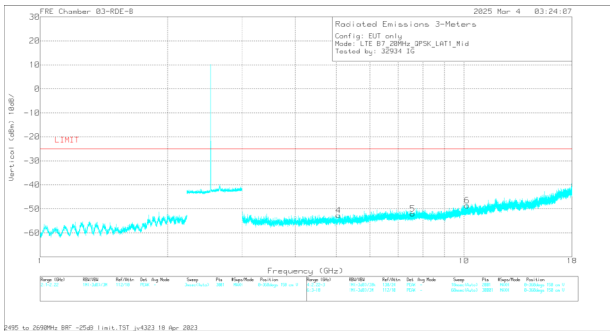
A3516 LTE B7 QPSK Low Channel Vertical



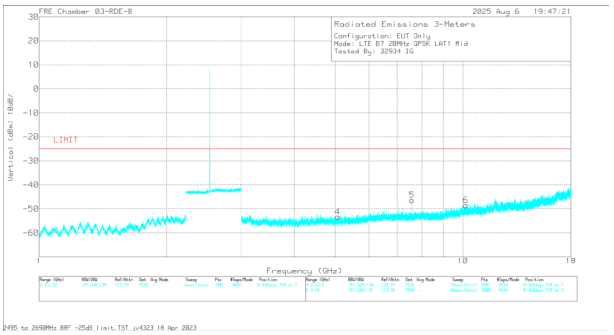
A3260 LTE B7 QPSK Mid Channel Horizontal



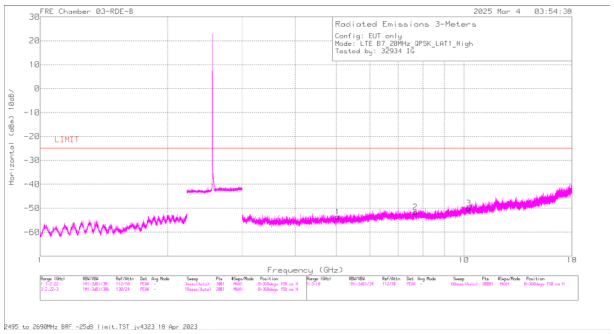
A3516 LTE B7 QPSK Middle Channel Horizontal



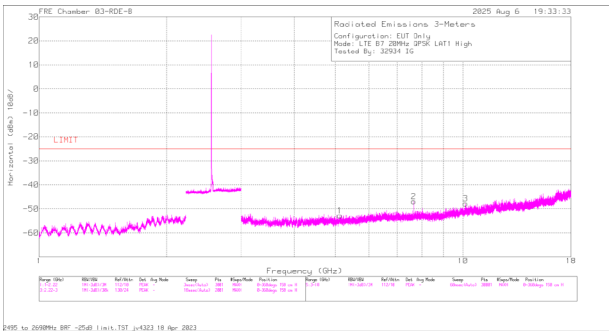
A3260 LTE B7 QPSK Mid Channel Vertical



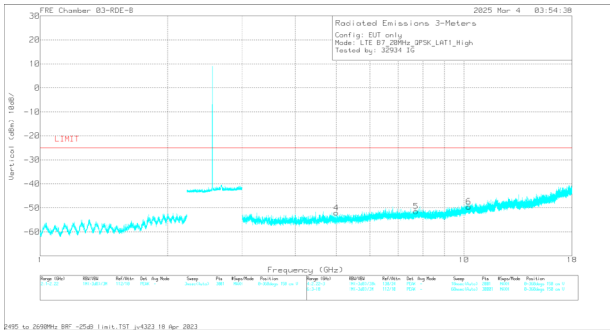
A3516 LTE B7 QPSK Middle Channel Vertical



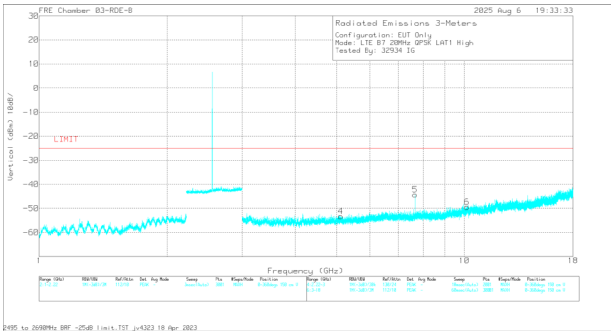
A3260 LTE B7 QPSK High Channel Horizontal



A3516 LTE B7 QPSK High Channel Horizontal



A3260 LTE B7 QPSK High Channel Vertical



A3516 LTE B7 QPSK High Channel Vertical

A3260, LTE BAND 7 (QPSK 20.0MHZ BANDWIDTH, ANT 1)

Project #:	15496283
Date:	2025-03-04
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE B7 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz									
5.020500	57.97	Pk	34.0	-95.2	-49.35	-52.58	-25	-27.58	V
5.031000	57.27	Pk	34.0	-95.2	-49.40	-53.33	-25	-28.33	H
7.536000	55.86	Pk	35.7	-95.2	-47.90	-51.54	-25	-26.54	H
7.543500	55.36	Pk	35.7	-95.2	-47.90	-52.04	-25	-27.04	V
10.001000	56.97	Pk	37.2	-95.2	-48.00	-49.03	-25	-24.03	V
10.030500	56.65	Pk	37.2	-95.2	-48.00	-49.35	-25	-24.35	H
Mid Channel, 2535MHz									
5.061500	57.89	Pk	33.9	-95.2	-49.30	-52.71	-25	-27.71	V
5.080500	57.14	Pk	33.9	-95.2	-49.50	-53.66	-25	-28.66	H
7.566500	55.47	Pk	35.7	-95.2	-48.00	-52.03	-25	-27.03	V
7.593000	55.65	Pk	35.7	-95.2	-48.10	-51.95	-25	-26.95	H
10.148000	56.78	Pk	37.4	-95.2	-48.20	-49.22	-25	-24.22	H
10.185500	57.04	Pk	37.4	-95.2	-47.90	-48.66	-25	-23.66	V
High Channel, 2560MHz									
5.000500	58.27	Pk	34.0	-95.2	-49.20	-52.13	-25	-27.13	V
5.038000	56.68	Pk	34.0	-95.2	-49.20	-53.72	-25	-28.72	H
7.681500	55.09	Pk	35.8	-95.2	-47.40	-51.71	-25	-26.71	H
7.704500	55.23	Pk	35.8	-95.2	-47.30	-51.47	-25	-26.47	V
10.259000	55.38	Pk	37.4	-95.2	-47.70	-50.12	-25	-25.12	H
10.272000	55.83	Pk	37.4	-95.2	-47.60	-49.57	-25	-24.57	V

A3517, LTE BAND 7 (QPSK 20.0MHZ BANDWIDTH, ANT 1)

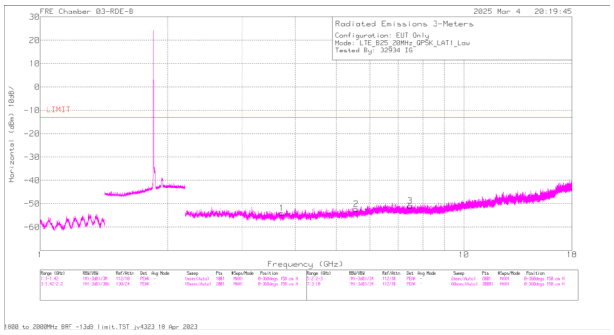
Project #:	15496283
Date:	2025-07-07
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE B7 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz									
5.019000	57.65	Pk	34	-95.2	-49.3	-52.85	-25	-27.85	V
5.007500	57.25	Pk	34	-95.2	-49.2	-53.15	-25	-28.15	H
7.503354	68.45	Pk	35.7	-95.2	-47.8	-38.85	-25	-13.85	V
7.503299	70.01	Pk	35.7	-95.2	-47.8	-37.29	-25	-12.29	H
10.014000	56.73	Pk	37.2	-95.2	-48	-49.27	-25	-24.27	V
10.052500	56.01	Pk	37.3	-95.2	-47.8	-49.69	-25	-24.69	H
Mid Channel, 2535MHz									
5.089500	56.75	Pk	34	-95.2	-49.5	-53.95	-25	-28.95	V
5.059500	57.36	Pk	33.9	-95.2	-49.45	-53.39	-25	-28.39	H
7.578327	63.92	Pk	35.7	-95.2	-48.1	-43.68	-25	-18.68	H
7.578249	69.54	Pk	35.7	-95.2	-48.1	-38.06	-25	-13.06	V
10.137500	56.91	Pk	37.4	-95.2	-48.05	-48.94	-25	-23.94	H
10.164500	57.19	Pk	37.4	-95.2	-47.95	-48.56	-25	-23.56	V
High Channel, 2560MHz									
5.125000	57.62	Pk	34.1	-95.2	-49.4	-52.88	-25	-27.88	V
5.124500	57.33	Pk	34.1	-95.2	-49.45	-53.22	-25	-28.22	H
7.653213	64.36	Pk	35.8	-95.2	-47.8	-42.84	-25	-17.84	V
7.653215	66.21	Pk	35.8	-95.2	-47.8	-40.99	-25	-15.99	H
10.139000	56.34	Pk	37.4	-95.2	-48	-49.46	-25	-24.46	V
10.151000	58.06	Pk	37.4	-95.2	-48.1	-47.84	-25	-22.84	H

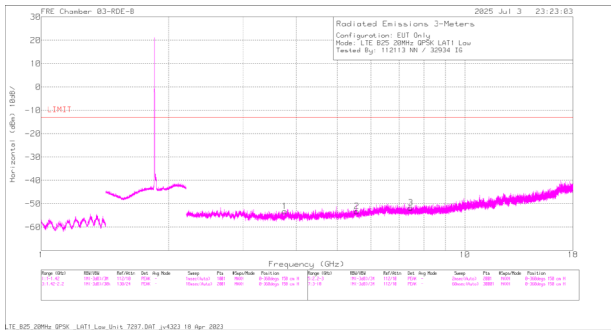
A3260 AND A3517 BAND 25 RADIATED PLOTS AND DATA

Full tests are performed on variant models.

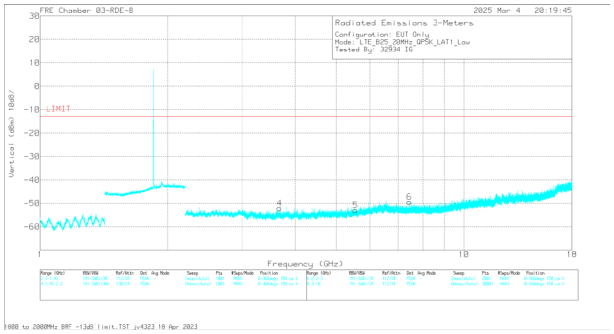
BAND 25 PLOTS



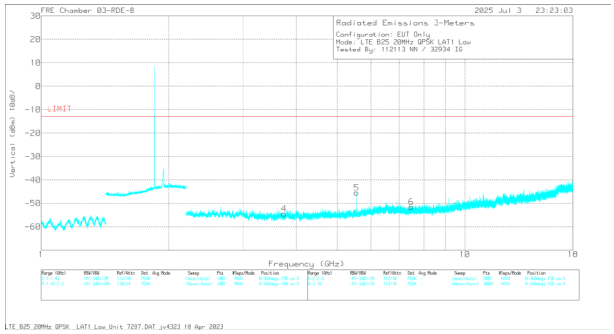
A3260 LTE B25 QPSK Low Channel Horizontal



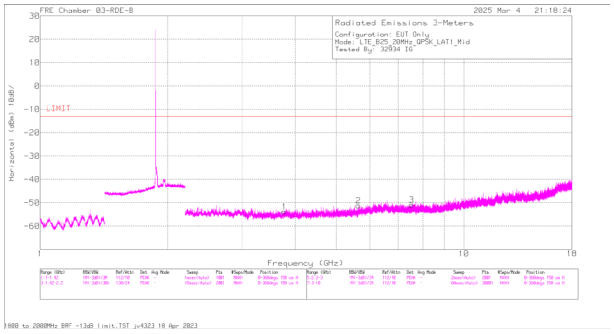
A3517 LTE B25 QPSK Low Channel Horizontal



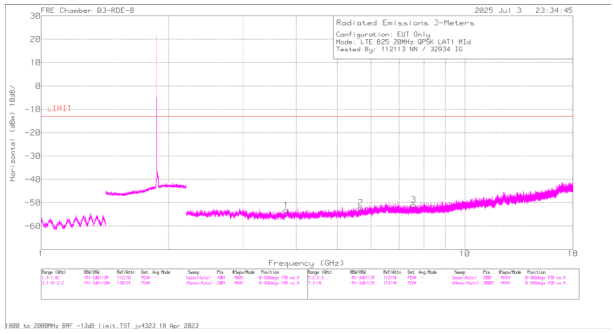
A3260 LTE B25 QPSK Low Channel Vertical



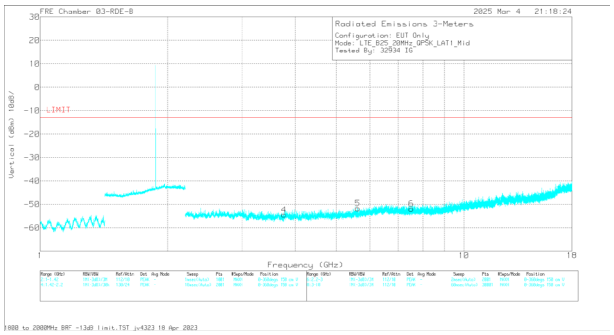
A3517 LTE B25 QPSK Low Channel Vertical



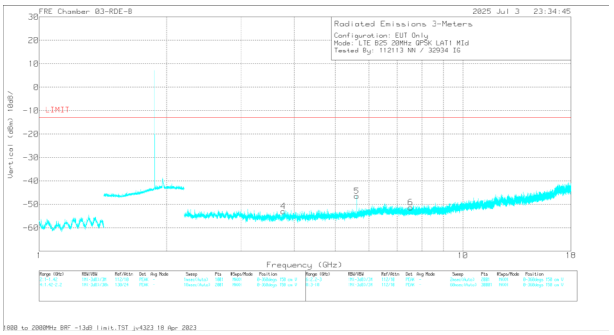
A3260 LTE B25 QPSK Mid Channel Horizontal



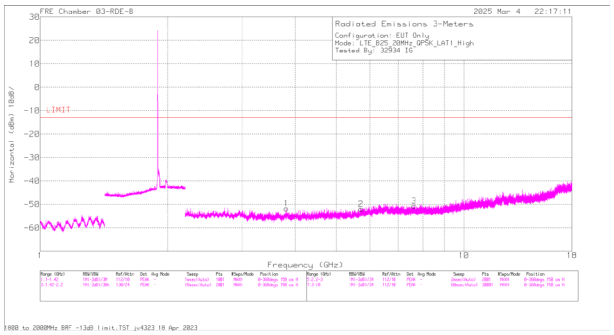
A3517 LTE B25 QPSK Middle Channel Horizontal



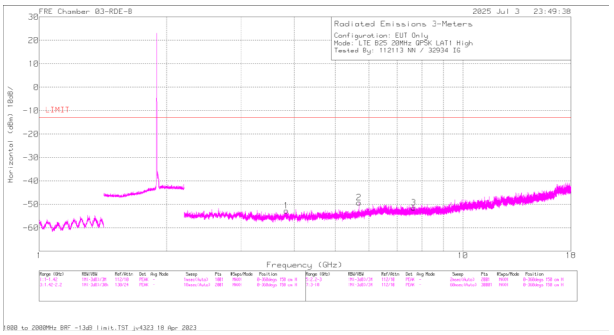
A3260 LTE B25 QPSK Mid Channel Vertical



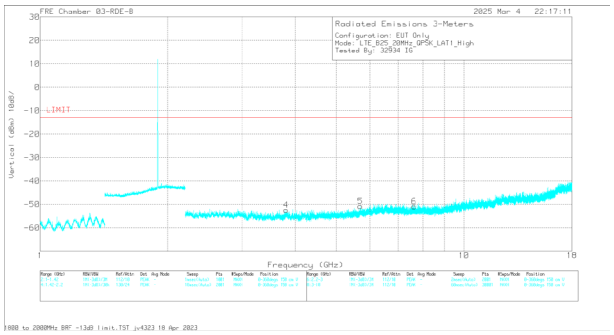
A3517 LTE B25 QPSK Middle Channel Vertical



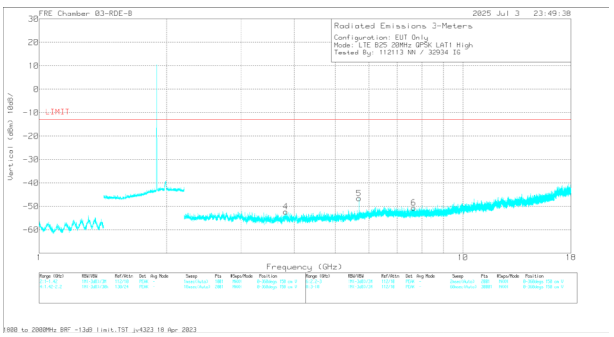
A3260 LTE B25 QPSK High Channel Horizontal



A3517 LTE B25 QPSK High Channel Horizontal



A3260 LTE B25 QPSK High Channel Vertical



A3517 LTE B25 QPSK High Channel Vertical

A3260, LTE BAND 25 (QPSK 20.0MHZ BANDWIDTH, ANT 1)

Project #:	15496283
Date:	2025-03-04
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE 25 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 1860MHz									
3.673500	57.35	Pk	32.9	-95.2	-47.10	-52.05	-13	-39.05	V
3.716000	55.20	Pk	33.0	-95.2	-47.00	-54.00	-13	-41.00	H
5.553000	56.14	Pk	34.4	-95.2	-48.30	-52.96	-13	-39.96	V
5.569500	56.89	Pk	34.4	-95.2	-48.35	-52.26	-13	-39.26	H
7.431500	57.68	Pk	35.7	-95.2	-47.60	-49.42	-13	-36.42	V
7.457500	56.37	Pk	35.7	-95.2	-47.80	-50.93	-13	-37.93	H
Mid Channel, 1882.5MHz									
3.758500	55.27	Pk	33.1	-95.2	-47.65	-54.48	-13	-41.48	V
3.769500	55.88	Pk	33.1	-95.2	-47.60	-53.82	-13	-40.82	H
5.620500	57.11	Pk	34.5	-95.2	-48.10	-51.69	-13	-38.69	V
5.639000	57.36	Pk	34.5	-95.2	-47.90	-51.24	-13	-38.24	H
7.518000	55.38	Pk	35.7	-95.2	-47.70	-51.82	-13	-38.82	V
7.527000	56.19	Pk	35.7	-95.2	-47.60	-50.91	-13	-37.91	H
High Channel, 1905MHz									
3.804500	57.16	Pk	33.2	-95.2	-47.60	-52.44	-13	-39.44	V
3.811500	57.85	Pk	33.2	-95.2	-47.55	-51.70	-13	-38.70	H
5.699500	57.57	Pk	34.5	-95.2	-47.70	-50.83	-13	-37.83	V
5.721500	56.37	Pk	34.6	-95.2	-47.70	-51.93	-13	-38.93	H
7.624500	55.70	Pk	35.7	-95.2	-46.90	-50.70	-13	-37.70	H
7.625500	55.51	Pk	35.7	-95.2	-46.90	-50.89	-13	-37.89	V

A3217, LTE BAND 25 (QPSK 20.0MHZ BANDWIDTH, ANT 1)

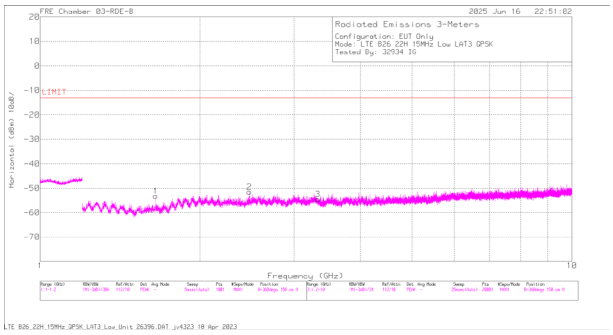
Project #:	15496283
Date:	2025-07-03
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE 25 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 1860MHz									
3.752000	56.51	Pk	33.1	-95.2	-47.60	-53.19	-13	-40.19	H
7.451000	55.56	Pk	35.7	-95.2	-47.80	-51.74	-13	-38.74	H
3.739000	55.03	Pk	33.1	-95.2	-47.30	-54.37	-13	-41.37	V
7.467000	55.70	Pk	35.7	-95.2	-47.80	-51.60	-13	-38.60	V
5.553000	63.57	Pk	34.4	-95.2	-48.30	-45.53	-13	-32.53	V
5.564000	55.94	Pk	34.4	-95.2	-48.30	-53.16	-13	-40.16	H
Mid Channel, 1882.5MHz									
3.788500	56.62	Pk	33.2	-95.2	-47.75	-53.13	-13	-40.13	H
7.563000	55.76	Pk	35.7	-95.2	-47.20	-50.94	-13	-37.94	H
3.765500	56.73	Pk	33.1	-95.2	-47.55	-52.92	-13	-39.92	V
7.520000	55.93	Pk	35.7	-95.2	-47.70	-51.27	-13	-38.27	V
5.620500	62.38	Pk	34.5	-95.2	-48.10	-46.42	-13	-33.42	V
5.677500	56.48	Pk	34.5	-95.2	-47.95	-52.17	-13	-39.17	H
High Channel, 1905MHz									
3.834000	56.79	Pk	33.3	-95.2	-47.50	-52.61	-13	-39.61	H
7.659000	55.27	Pk	35.8	-95.2	-47.30	-51.43	-13	-38.43	H
3.817500	57.28	Pk	33.2	-95.2	-47.55	-52.27	-13	-39.27	V
7.657000	55.93	Pk	35.8	-95.2	-47.20	-50.67	-13	-37.67	V
5.688000	62.07	Pk	34.5	-95.2	-47.90	-46.53	-13	-33.53	V
5.688500	59.34	Pk	34.5	-95.2	-47.95	-49.31	-13	-36.31	H

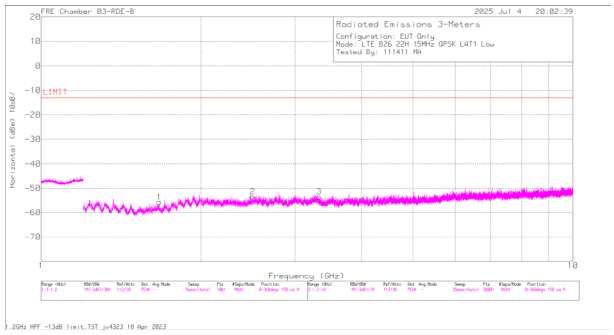
A3260 AND A3517 BAND 26 (PART 22) RADIATED PLOTS AND DATA

Full tests are performed on variant models.

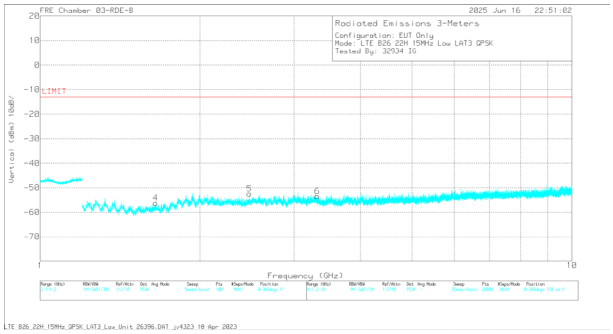
BAND 26 (PART 22) PLOTS



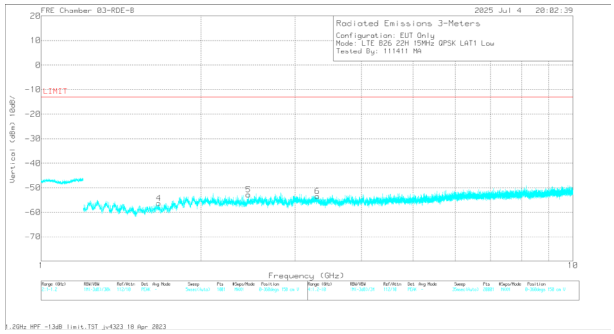
A3260 LTE B26 QPSK Low Channel Horizontal



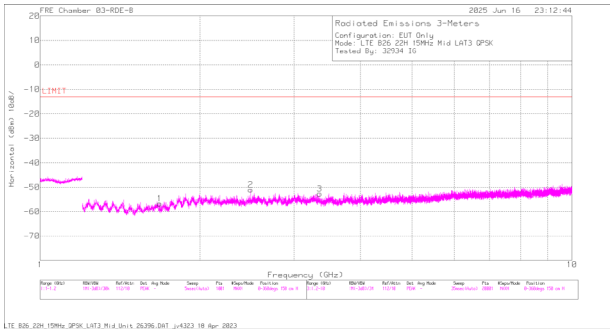
A3517 LTE B26 QPSK Low Channel Horizontal



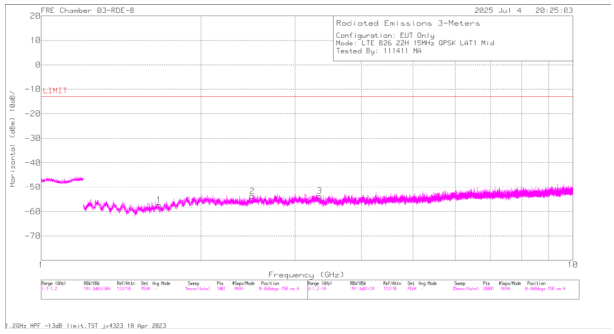
A3260 LTE B26 QPSK Low Channel Vertical



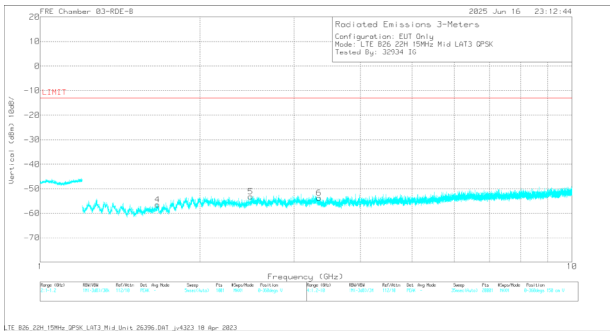
A3517 LTE B26 QPSK Low Channel Vertical



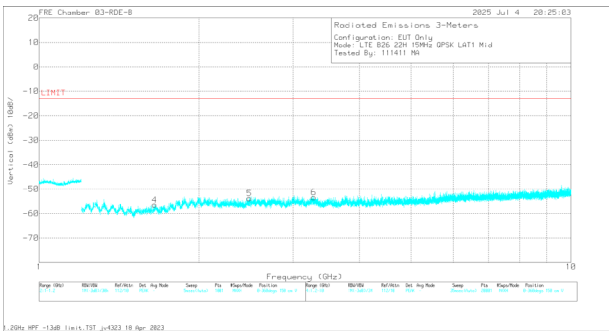
A3260 LTE B26 QPSK Mid Channel Horizontal



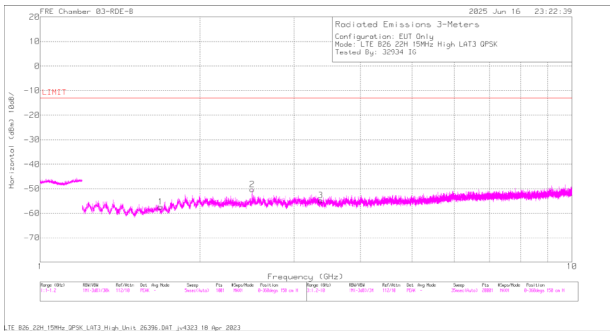
A3517 LTE B26 QPSK Middle Channel Horizontal



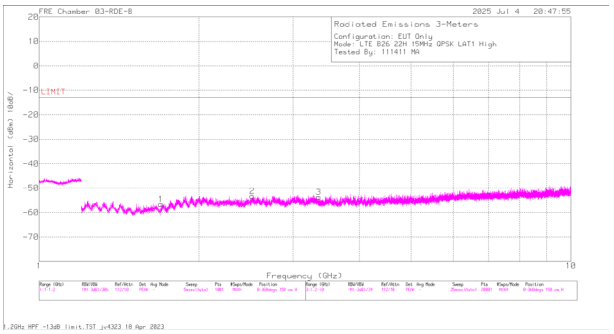
A3260 LTE B26 QPSK Mid Channel Vertical



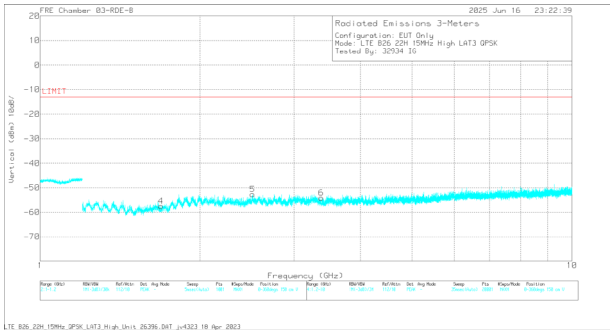
A3517 LTE B26 QPSK Middle Channel Vertical



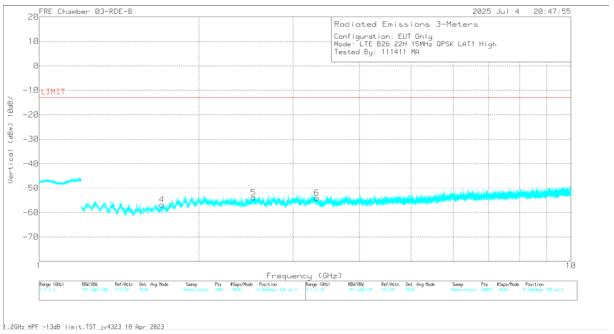
A3260 LTE B26 QPSK High Channel Horizontal



A3517 LTE B26 QPSK High Channel Horizontal



A3260 LTE B26 QPSK High Channel Vertical



A3517 LTE B26 QPSK High Channel Vertical

A3260, LTE BAND 26 (QPSK 15.0MHZ BANDWIDTH, ANT 3)

Project #:	15496282
Date:	2025-06-16
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE B26 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 829MHz									
1.649631	69.23	Pk	28.9	-95.2	-49.40	-46.47	-13	-33.47	H
1.649680	59.43	Pk	28.9	-95.2	-49.40	-56.27	-13	-43.27	V
2.474491	67.47	Pk	31.8	-95.2	-50.15	-46.08	-13	-33.08	V
2.474492	67.35	Pk	31.8	-95.2	-50.15	-46.20	-13	-33.20	H
3.322120	56.20	Pk	32.8	-95.2	-47.30	-53.50	-13	-40.50	V
3.324320	55.13	Pk	32.8	-95.2	-47.33	-54.60	-13	-41.60	H
Mid Channel, 836.5MHz									
1.662880	59.15	Pk	29.0	-95.2	-49.49	-56.54	-13	-43.54	V
1.678280	59.00	Pk	29.0	-95.2	-49.50	-56.70	-13	-43.70	H
2.489200	60.06	Pk	31.9	-95.2	-50.02	-53.26	-13	-40.26	V
2.489456	67.74	Pk	31.9	-95.2	-50.05	-45.61	-13	-32.61	H
3.345440	55.88	Pk	32.7	-95.2	-47.16	-53.78	-13	-40.78	V
3.351160	56.90	Pk	32.7	-95.2	-47.18	-52.78	-13	-39.78	H
High Channel, 844MHz									
1.684440	58.18	Pk	29.1	-95.2	-49.50	-57.42	-13	-44.42	H
1.688840	58.10	Pk	29.1	-95.2	-49.48	-57.48	-13	-44.48	V
2.504487	67.94	Pk	32.0	-95.2	-49.95	-45.21	-13	-32.21	H
2.509440	60.31	Pk	32.0	-95.2	-49.90	-52.79	-13	-39.79	V
3.369200	54.79	Pk	32.7	-95.2	-47.12	-54.83	-13	-41.83	H
3.376020	55.64	Pk	32.7	-95.2	-47.30	-54.16	-13	-41.16	V

A3517, LTE BAND 26 (QPSK 15.0MHZ BANDWIDTH, ANT 3)

Project #:	15496282
Date:	2025-07-04
Test Engineer:	111411
Configuration:	EUT Only
Mode	LTE B26 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 829MHz									
1.668600	59.87	Pk	29	-95.2	-49.44	-55.77	-13	-42.77	H
3.332240	56.36	Pk	32.7	-95.2	-47.40	-53.54	-13	-40.54	H
1.664640	59.29	Pk	29	-95.2	-49.50	-56.41	-13	-43.41	V
2.454880	60.72	Pk	31.8	-95.2	-50.19	-52.87	-13	-39.87	V
2.500200	59.74	Pk	32	-95.2	-50.00	-53.46	-13	-40.46	H
3.305400	56.14	Pk	32.8	-95.2	-47.30	-53.56	-13	-40.56	V
Mid Channel, 836.5MHz									
1.667280	58.42	Pk	29.0	-95.2	-49.43	-57.21	-13	-44.21	H
2.495800	59.59	Pk	32.0	-95.2	-50.10	-53.71	-13	-40.71	H
2.485240	59.60	Pk	31.9	-95.2	-50.10	-53.80	-13	-40.80	V
1.649240	59.28	Pk	28.9	-95.2	-49.40	-56.42	-13	-43.42	V
3.282960	56.45	Pk	32.9	-95.2	-47.50	-53.35	-13	-40.35	V
3.341040	55.91	Pk	32.7	-95.2	-47.10	-53.69	-13	-40.69	H
High Channel, 844MHz									
1.695000	58.95	Pk	29.2	-95.2	-49.50	-56.55	-13	-43.55	H
3.354680	56.00	Pk	32.7	-95.2	-47.20	-53.70	-13	-40.70	H
1.701160	58.71	Pk	29.2	-95.2	-49.50	-56.79	-13	-43.79	V
2.515600	59.75	Pk	32.0	-95.2	-49.86	-53.31	-13	-40.31	H
2.530120	58.86	Pk	32.2	-95.2	-49.70	-53.84	-13	-40.84	V
3.326960	55.63	Pk	32.8	-95.2	-47.30	-54.07	-13	-41.07	V

5.6. SPOT CHECK VERIFICATION RESULTS SUMMARY FOR A3518

A3518 SPOT CHECK RESULTS							
Technology	Worst Mode	Test Item	Measured Frequency MHz	Original Model: A3260 FCC ID :BCG-E8948A (dBm)	Sub Model: A3518 FCC ID: BCG-E8956A (dBm)	Delta (dB)	Remarks
GSM	GPRS 850	Cond Power	836.5	33.50	33.50	0.00	
	GPRS 1900	Cond Power	1880.0	32.00	31.59	-0.41	
WCDMA	REL99 B5	Cond Power	836.5	25.70	25.70	0.00	
	REL99 B2	Cond Power	1880.0	25.70	25.70	0.00	
	REL99 B4	Cond Power	1732.5	25.70	25.70	0.00	

A3518 Spot Check Results							
Technology	Worst Mode	Test Item	Measured Frequency (MHz)	Original Model: A3260 FCC ID: BCG-E8948A (dBm)	Sub Model: A3518 FCC ID: BCG-E8956A (dBm)	Delta (dB)	Remarks
LTE 5CA	QPSK @ 10MHz+10MHz BW	Cond Power	831.5/841.4	25.7	25.7	0.00	
LTE 7CA	QPSK @ 20MHz+20MHz BW	Cond Power	2525.1/2544.9	25.7	25.7	0.00	
LTE 41CA	QPSK @ 20MHz+20MHz BW	Cond Power	2583.1/2602.9	28.7	28.7	0.00	
LTE 48CA	QPSK @ 20MHz+20MHz BW	Cond Power	3615.1/3634.9	26.0	26.0	0.00	

A3518 ANTENNA PORT SPOT CHECK RESULTS							
Technology	Worst Mode	Test Item	Measured	Original Model: A3260	Sub Model: A3518	Delta (dB)	Remarks
			Frequency (MHz)	FCC ID: BCG-E8948A (dBm)	FCC ID: BCG-E8956A (dBm)		
LTE BAND 7	QPSK @ 20 MHz BW	Cond Power	2535.0	25.70	25.70	0.0	
5G NR BAND N7	BPSK @ 40 MHz BW	Cond Power	2535.0	25.70	25.70	0.0	
LTE BAND 12	QPSK @ 10 MHz BW	Cond Power	707.5	25.70	25.70	0.0	
5G NR BAND N12	BPSK @ 15 MHz BW	Cond Power	707.5	25.70	25.70	0.0	
LTE BAND 13	QPSK @ 10 MHz BW	Cond Power	782.0	25.70	25.70	0.0	
LTE BAND 17	QPSK @ 10 MHz BW	Cond Power	710.0	25.70	25.70	0.0	
LTE BAND 25	QPSK @ 20 MHz BW	Cond Power	1882.5	25.70	25.70	0.0	
5G NR BAND N25	BPSK @ 40 MHz BW	Cond Power	1882.5	25.70	25.70	0.0	
LTE BAND 26 (90S)	QPSK @10 MHz BW	Cond Power	819.0	25.70	25.70	0.0	
5G NR BAND N26 (90S)	BPSK @10 MHz BW	Cond Power	819.0	25.70	25.70	0.0	
LTE BAND 26 (P22)	QPSK @ 10 MHz BW	Cond Power	836.5	25.70	25.70	0.0	
5G NR BAND N26 (P22)	BPSK @20 MHz BW	Cond Power	836.5	25.70	25.70	0.0	
LTE BAND 30	QPSK @ 10 MHz BW	Cond Power	2310.0	25.70	25.70	0.0	
5G NR BAND N30	BPSK @ 10 MHz BW	Cond Power	2310.0	25.70	25.70	0.0	
LTE BAND 41	QPSK @ 20 MHz BW	Cond Power	2593.0	28.70	28.70	0.0	
5G NR BAND N41	BPSK @ 100 MHz BW	Cond Power	2593.0	28.70	28.70	0.0	
LTE BAND 48	QPSK @ 20 MHz BW	Cond Power	3620.0	26.00	26.00	0.0	
5G NR BAND N48	BPSK @ 40 MHz BW	Cond Power	3620.0	26.00	26.00	0.0	
LTE BAND 66	QPSK @ 20 MHz BW	Cond Power	1745.0	25.70	25.70	0.0	
5G NR BAND N66	BPSK @ 40 MHz BW	Cond Power	1745.0	25.70	25.70	0.0	
5G NR BAND n70	QPSK @ 15 MHz BW	Cond Power	1702.5	25.70	25.70	0.0	
5G NR BAND N77	BPSK @ 100 MHz BW	Cond Power	3500.0	28.70	28.70	0.0	
5G NR BAND N77	BPSK @ 100 MHz BW	Cond Power	3840.0	28.70	28.70	0.0	

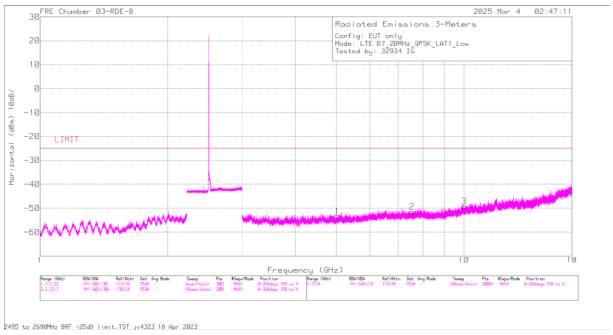
A3518 RADIATED SPOT CHECK RESULTS								
Technology	Worst Mode	Test Item	Measured Frequency (MHz)	Original Model: A3260 FCC ID: BCG-E8948A (dBm)	Sub Model: A3518 FCC ID: BCG-E8956A (dBm)	Delta (dB)	Margin (dB) M(dB)=C(dB)-R(dB)	Remarks
LTE BAND 7	QPSK @ highest BW	RSE	2535.0	-48.66	-44.08	4.58	23.66	Note 3
LTE BAND 25	QPSK @ highest BW	RSE	1882.5	-50.91	-38.93	11.98	37.91	Note 3
LTE BAND 26 (P22)	QPSK @ highest BW	RSE	836.5	-45.61	-42.12	3.49	32.61	Note 3
LTE BAND 48	QPSK @ 20 MHz BW	RSE	3652.0	-45.70	-45.51	0.19	10.34	Note 1

Note 1: Deviation is within the threshold to allow for full data referencing.
Note 2: Noise floor measurement.
Note 3: Deviation is larger then the threshold to allow for data referencing. As the full test for this band had significant margin to the limits (typically more than 20dB but always more than 15dB) additional tests for other bands were not considered necessary.Full set of measurements performed

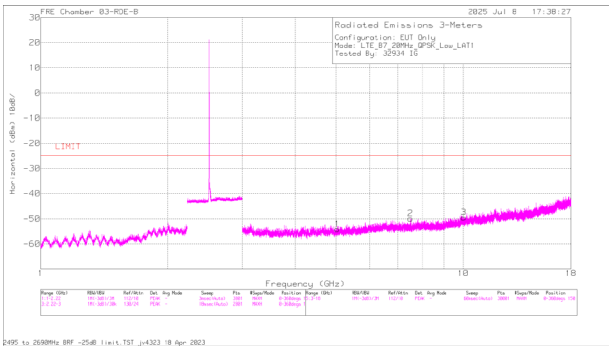
A3260 AND A3518 BAND 7 RADIATED PLOTS AND DATA

Full tests are performed on variant models.

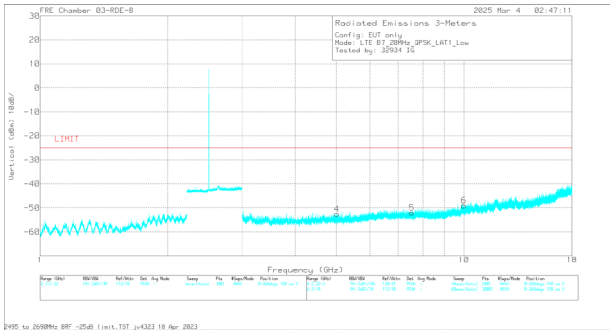
BAND 7 PLOTS



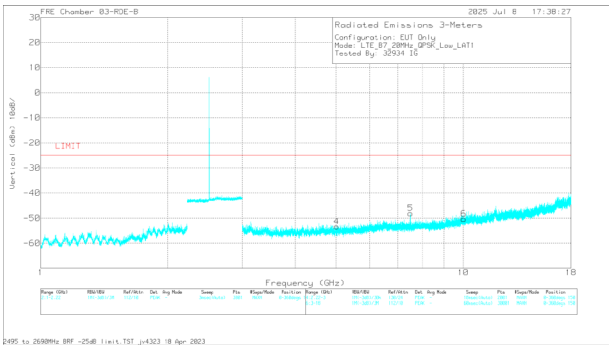
A3260 LTE B7 QPSK Low Channel Horizontal



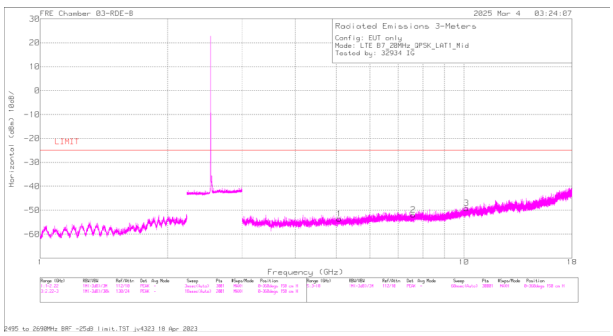
A3518 LTE B7 QPSK Low Channel Horizontal



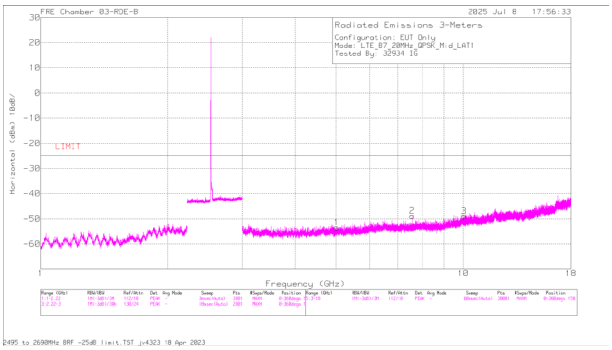
A3260 LTE B7 QPSK Low Channel Vertical



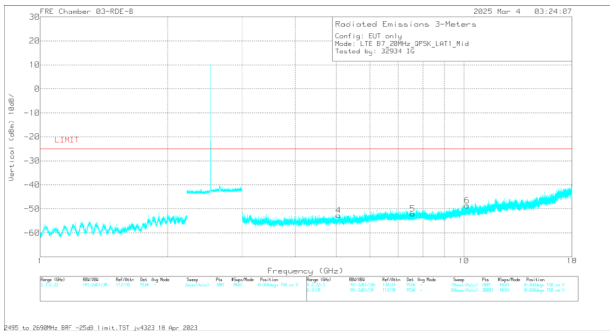
A3518 LTE B7 QPSK Low Channel Vertical



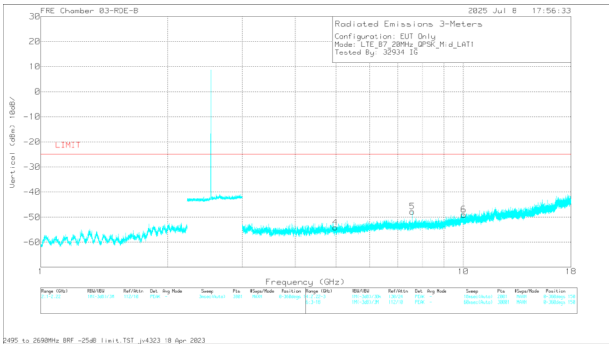
A3260 LTE B7 QPSK Mid Channel Horizontal



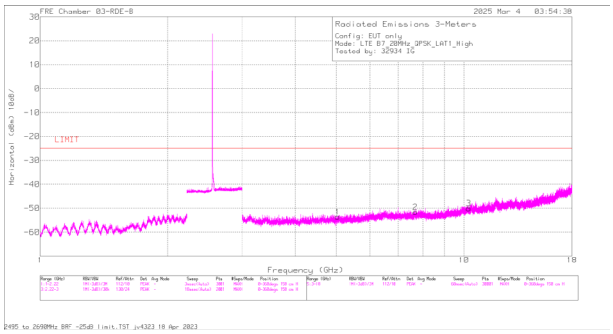
A3518 LTE B7 QPSK Middle Channel Horizontal



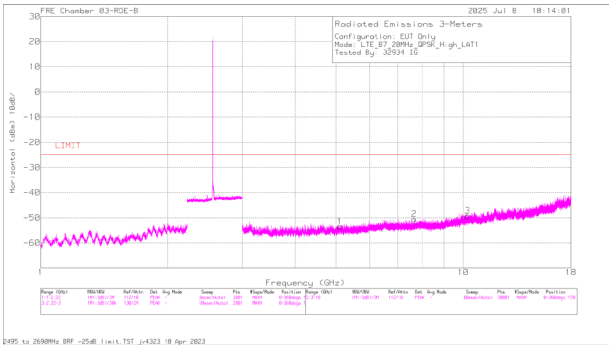
A3260 LTE B7 QPSK Mid Channel Vertical



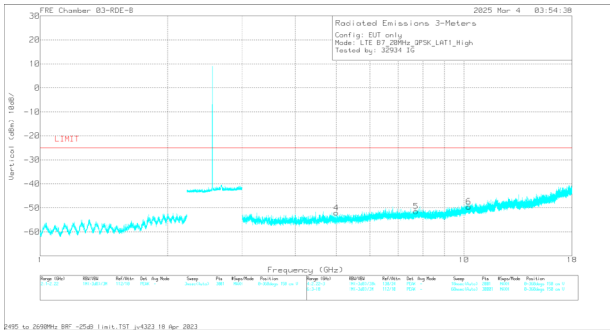
A3518 LTE B7 QPSK Middle Channel Vertical



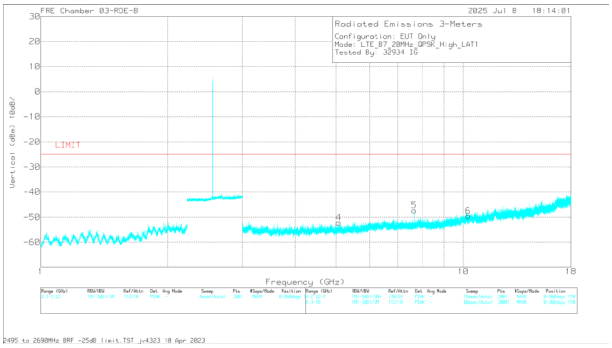
A3260 LTE B7 QPSK High Channel Horizontal



A3518 LTE B7 QPSK High Channel Horizontal



A3260 LTE B7 QPSK High Channel Vertical



A3518 LTE B7 QPSK High Channel Vertical

A3260, LTE BAND 7 (QPSK 20.0MHZ BANDWIDTH, ANT 1)

Project #:	15496283
Date:	2025-03-04
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE B7 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz									
5.020500	57.97	Pk	34.0	-95.2	-49.35	-52.58	-25	-27.58	V
5.031000	57.27	Pk	34.0	-95.2	-49.40	-53.33	-25	-28.33	H
7.536000	55.86	Pk	35.7	-95.2	-47.90	-51.54	-25	-26.54	H
7.543500	55.36	Pk	35.7	-95.2	-47.90	-52.04	-25	-27.04	V
10.001000	56.97	Pk	37.2	-95.2	-48.00	-49.03	-25	-24.03	V
10.030500	56.65	Pk	37.2	-95.2	-48.00	-49.35	-25	-24.35	H
Mid Channel, 2535MHz									
5.061500	57.89	Pk	33.9	-95.2	-49.30	-52.71	-25	-27.71	V
5.080500	57.14	Pk	33.9	-95.2	-49.50	-53.66	-25	-28.66	H
7.566500	55.47	Pk	35.7	-95.2	-48.00	-52.03	-25	-27.03	V
7.593000	55.65	Pk	35.7	-95.2	-48.10	-51.95	-25	-26.95	H
10.148000	56.78	Pk	37.4	-95.2	-48.20	-49.22	-25	-24.22	H
10.185500	57.04	Pk	37.4	-95.2	-47.90	-48.66	-25	-23.66	V
High Channel, 2560MHz									
5.000500	58.27	Pk	34.0	-95.2	-49.20	-52.13	-25	-27.13	V
5.038000	56.68	Pk	34.0	-95.2	-49.20	-53.72	-25	-28.72	H
7.681500	55.09	Pk	35.8	-95.2	-47.40	-51.71	-25	-26.71	H
7.704500	55.23	Pk	35.8	-95.2	-47.30	-51.47	-25	-26.47	V
10.259000	55.38	Pk	37.4	-95.2	-47.70	-50.12	-25	-25.12	H
10.272000	55.83	Pk	37.4	-95.2	-47.60	-49.57	-25	-24.57	V

A3518, LTE BAND 7 (QPSK 20.0MHZ BANDWIDTH, ANT 1)

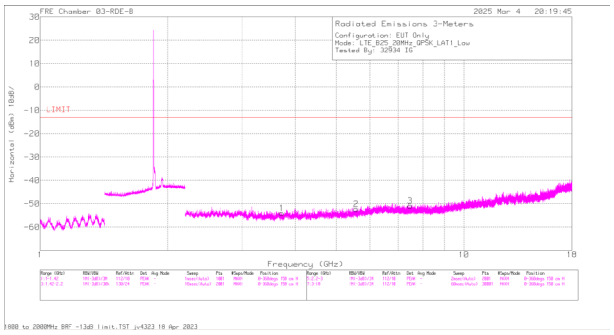
Project #:	15496283
Date:	2025-07-08
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE B7 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Amp/Cbl (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 2510MHz									
5.016000	57.11	Pk	34.0	-95.2	-49.30	-53.39	-25	-28.39	V
5.037000	56.30	Pk	34.0	-95.2	-49.30	-54.20	-25	-29.20	H
7.503207	63.47	Pk	35.7	-95.2	-47.80	-43.83	-25	-18.83	V
7.503385	64.69	Pk	35.7	-95.2	-47.80	-42.61	-25	-17.61	H
10.022000	56.40	Pk	37.2	-95.2	-47.90	-49.50	-25	-24.50	H
10.026500	55.57	Pk	37.2	-95.2	-47.90	-50.33	-25	-25.33	V
Mid Channel, 2535MHz									
4.982000	56.01	Pk	33.9	-95.2	-48.90	-54.19	-25	-29.19	V
5.017500	56.96	Pk	34.0	-95.2	-49.30	-53.54	-25	-28.54	H
7.578193	62.05	Pk	35.7	-95.2	-48.10	-45.55	-25	-20.55	H
7.578515	63.52	Pk	35.7	-95.2	-48.10	-44.08	-25	-19.08	V
10.024500	56.77	Pk	37.2	-95.2	-47.85	-49.08	-25	-24.08	V
10.039500	56.75	Pk	37.3	-95.2	-47.90	-49.05	-25	-24.05	H
High Channel, 2560MHz									
5.076500	58.63	Pk	33.9	-95.2	-49.55	-52.22	-25	-27.22	V
5.108500	57.10	Pk	34.0	-95.2	-49.45	-53.55	-25	-28.55	H
7.653396	62.95	Pk	35.8	-95.2	-47.80	-44.25	-25	-19.25	V
7.653500	56.6	Pk	35.8	-95.2	-47.80	-50.60	-25	-25.60	H
10.239000	56.06	Pk	37.4	-95.2	-47.60	-49.34	-25	-24.34	H
10.280000	56.03	Pk	37.4	-95.2	-47.80	-49.57	-25	-24.57	V

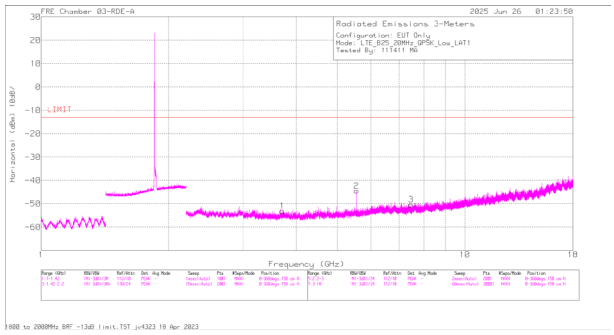
A3260 AND A3518 BAND 25 RADIATED PLOTS AND DATA

Full tests are performed on variant models.

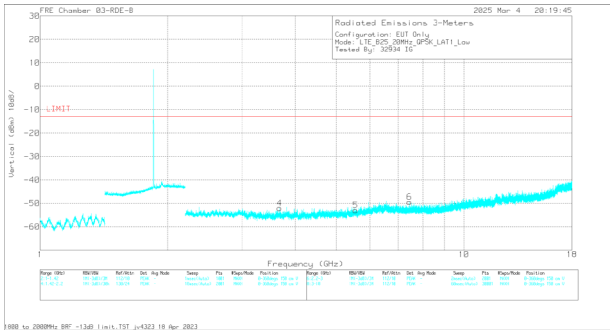
BAND 25 PLOTS



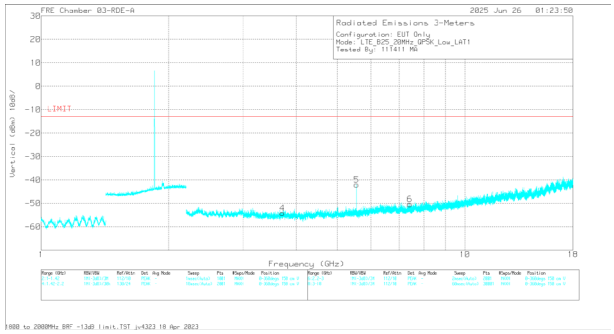
A3260 LTE B25 QPSK Low Channel Horizontal



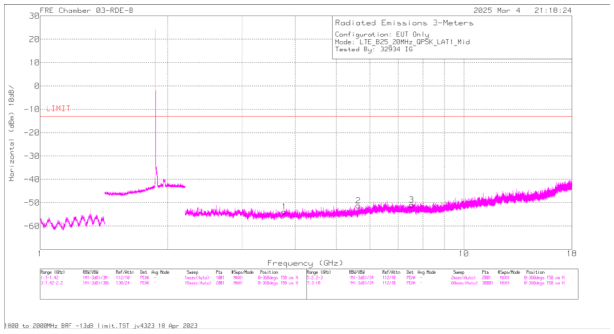
A3518 LTE B25 QPSK Low Channel Horizontal



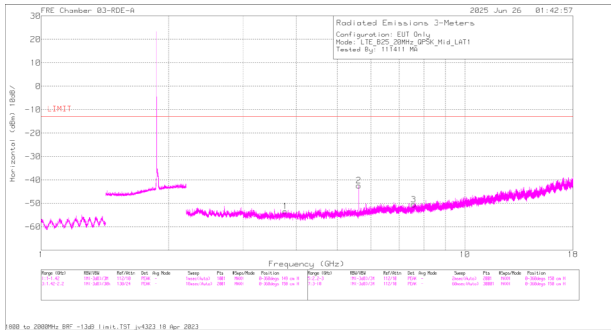
A3260 LTE B25 QPSK Low Channel Vertical



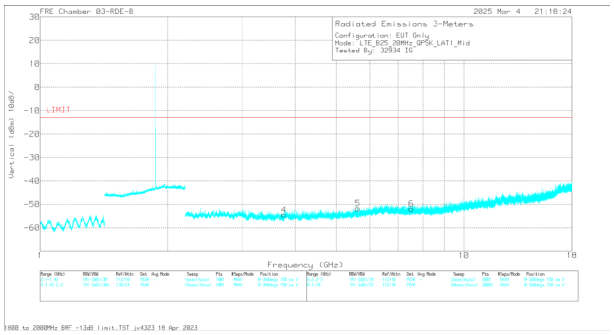
A3518 LTE B25 QPSK Low Channel Vertical



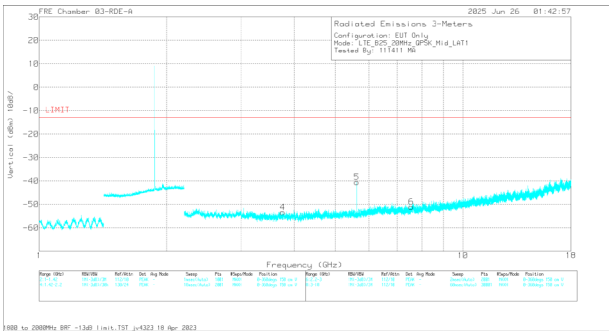
A3260 LTE B25 QPSK Mid Channel Horizontal



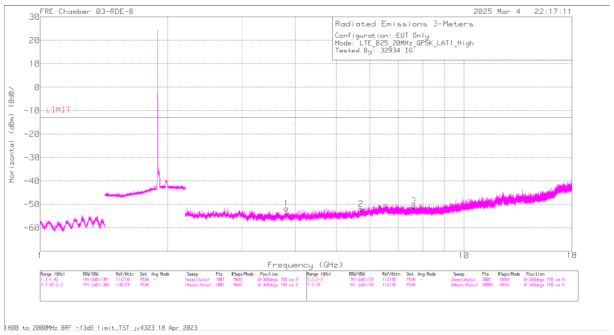
A3518 LTE B25 QPSK Middle Channel Horizontal



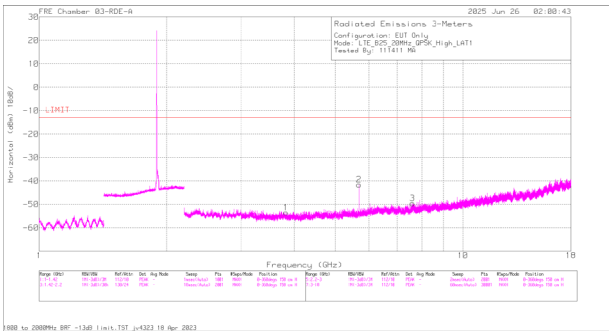
A3260 LTE B25 QPSK Mid Channel Vertical



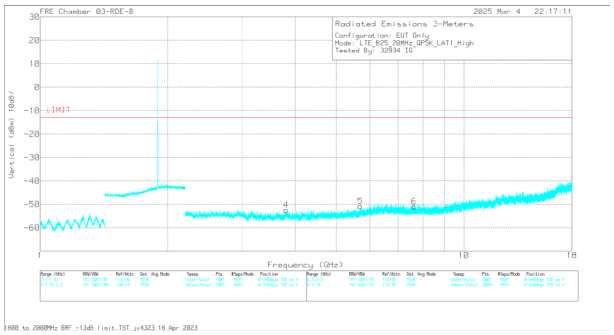
A3518 LTE B25 QPSK Middle Channel Vertical



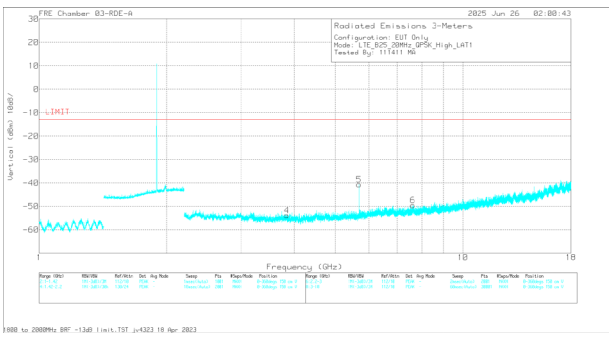
A3260 LTE B25 QPSK High Channel Horizontal



A3518 LTE B25 QPSK High Channel Horizontal



A3260 LTE B25 QPSK High Channel Vertical



A3518 LTE B25 QPSK High Channel Vertical

A3260, LTE BAND 25 (QPSK 20.0MHZ BANDWIDTH, ANT 1)

Project #:	15496283
Date:	2025-03-04
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE 25 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 1860MHz									
3.673500	57.35	Pk	32.9	-95.2	-47.10	-52.05	-13	-39.05	V
3.716000	55.20	Pk	33.0	-95.2	-47.00	-54.00	-13	-41.00	H
5.553000	56.14	Pk	34.4	-95.2	-48.30	-52.96	-13	-39.96	V
5.569500	56.89	Pk	34.4	-95.2	-48.35	-52.26	-13	-39.26	H
7.431500	57.68	Pk	35.7	-95.2	-47.60	-49.42	-13	-36.42	V
7.457500	56.37	Pk	35.7	-95.2	-47.80	-50.93	-13	-37.93	H
Mid Channel, 1882.5MHz									
3.758500	55.27	Pk	33.1	-95.2	-47.65	-54.48	-13	-41.48	V
3.769500	55.88	Pk	33.1	-95.2	-47.60	-53.82	-13	-40.82	H
5.620500	57.11	Pk	34.5	-95.2	-48.10	-51.69	-13	-38.69	V
5.639000	57.36	Pk	34.5	-95.2	-47.90	-51.24	-13	-38.24	H
7.518000	55.38	Pk	35.7	-95.2	-47.70	-51.82	-13	-38.82	V
7.527000	56.19	Pk	35.7	-95.2	-47.60	-50.91	-13	-37.91	H
High Channel, 1905MHz									
3.804500	57.16	Pk	33.2	-95.2	-47.60	-52.44	-13	-39.44	V
3.811500	57.85	Pk	33.2	-95.2	-47.55	-51.70	-13	-38.70	H
5.699500	57.57	Pk	34.5	-95.2	-47.70	-50.83	-13	-37.83	V
5.721500	56.37	Pk	34.6	-95.2	-47.70	-51.93	-13	-38.93	H
7.624500	55.70	Pk	35.7	-95.2	-46.90	-50.70	-13	-37.70	H
7.625500	55.51	Pk	35.7	-95.2	-46.90	-50.89	-13	-37.89	V

A3260, LTE BAND 25 (QPSK 20.0MHZ BANDWIDTH, ANT 1)

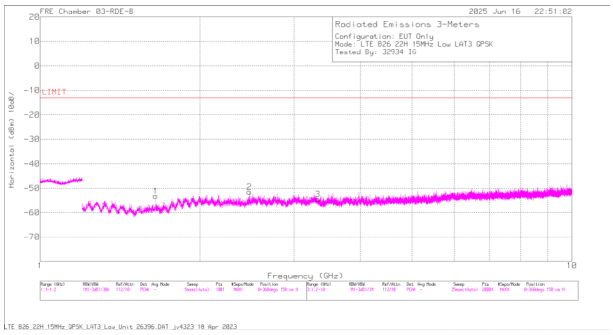
Project #:	15496283
Date:	2025-03-04
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE 25 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 1860MHz									
3.712000	56.05	Pk	33.3	-95.2	-47.20	-53.05	-13	-40.05	H
3.711000	55.05	Pk	33.3	-95.2	-47.30	-54.15	-13	-41.15	V
5.553131	69.61	Pk	34.4	-95.2	-47.00	-38.19	-13	-25.19	V
5.553206	66.28	Pk	34.4	-95.2	-47.00	-41.52	-13	-28.52	H
7.458000	55.11	Pk	35.8	-95.2	-46.10	-50.39	-13	-37.39	H
7.406000	54.73	Pk	35.8	-95.2	-45.70	-50.37	-13	-37.37	V
Mid Channel, 1882.5MHz									
3.764500	55.27	Pk	33.4	-95.2	-46.85	-53.38	-13	-40.38	H
3.755500	55.33	Pk	33.4	-95.2	-46.90	-53.37	-13	-40.37	V
5.620721	67.62	Pk	34.4	-95.2	-46.80	-39.98	-13	-26.98	H
5.620801	68.67	Pk	34.4	-95.2	-46.80	-38.93	-13	-25.93	V
7.568000	53.84	Pk	35.9	-95.2	-45.10	-50.56	-13	-37.56	H
7.552500	53.47	Pk	35.9	-95.2	-45.20	-51.03	-13	-38.03	V
High Channel, 1905MHz									
3.827500	55.00	Pk	33.5	-95.2	-46.80	-53.50	-13	-40.50	H
3.843000	54.71	Pk	33.5	-95.2	-46.90	-53.89	-13	-40.89	V
5.688158	69.69	Pk	34.5	-95.2	-46.60	-37.61	-13	-24.61	H
5.688252	70.12	Pk	34.5	-95.2	-46.60	-37.18	-13	-24.18	V
7.609000	54.18	Pk	35.9	-95.2	-44.40	-49.52	-13	-36.52	H
7.617000	53.86	Pk	35.9	-95.2	-44.10	-49.54	-13	-36.54	V

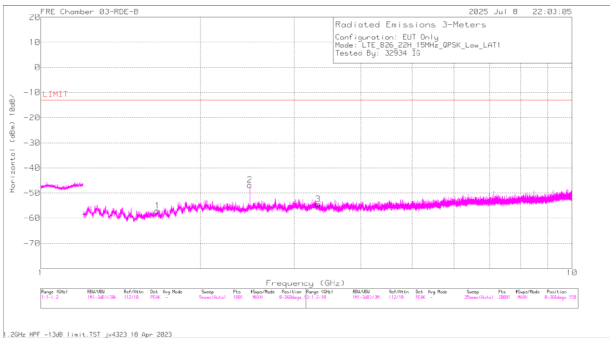
A3260 AND A3518 BAND 26 (PART 22) RADIATED PLOTS AND DATA

Full tests are performed on variant models.

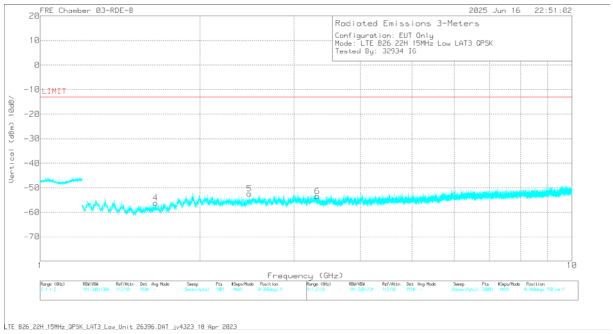
BAND 26 (PART 22) PLOTS



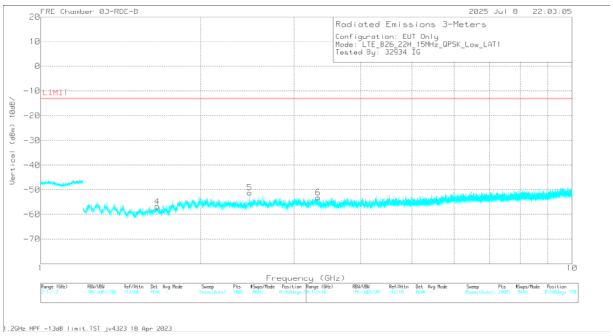
A3260 LTE B26 QPSK Low Channel Horizontal



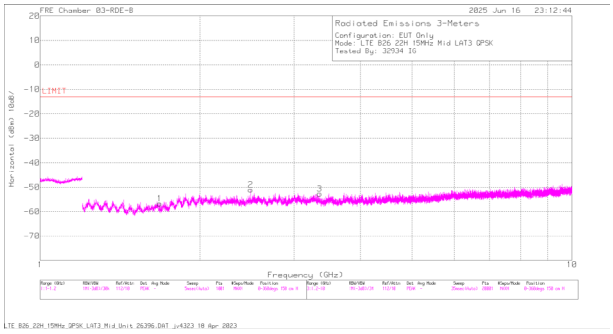
A3518 LTE B26 QPSK Low Channel Horizontal



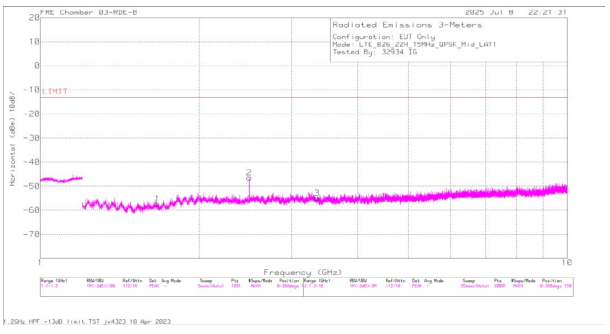
A3260 LTE B26 QPSK Low Channel Vertical



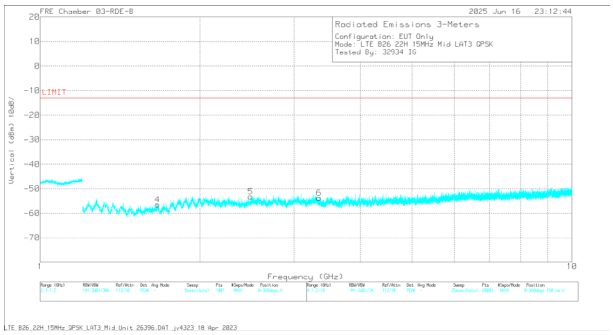
A3518 LTE B26 QPSK Low Channel Vertical



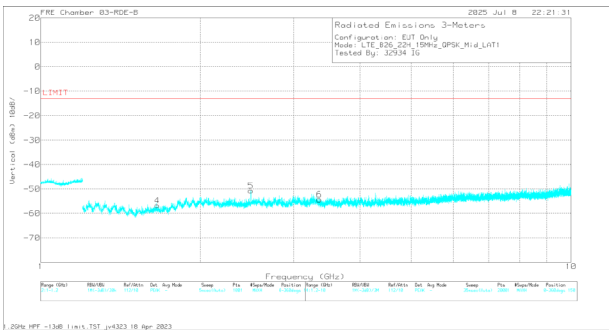
A3260 LTE B26 QPSK Mid Channel Horizontal



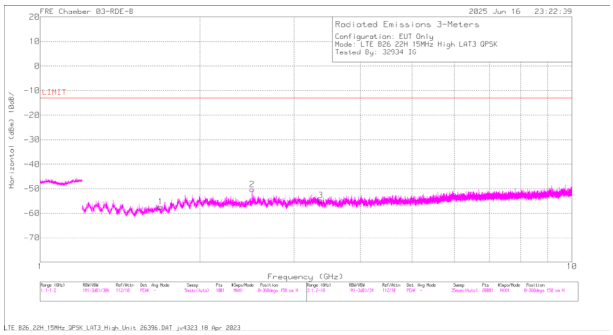
A3518 LTE B26 QPSK Middle Channel Horizontal



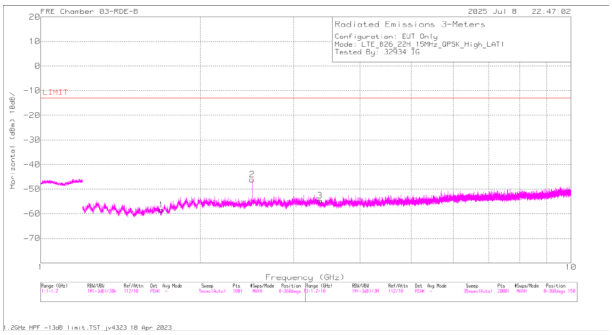
A3260 LTE B26 QPSK Mid Channel Vertical



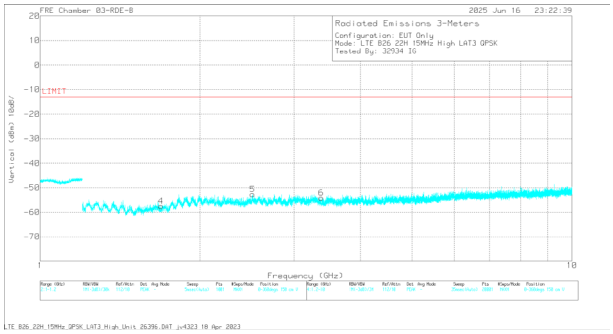
A3518 LTE B26 QPSK Middle Channel Vertical



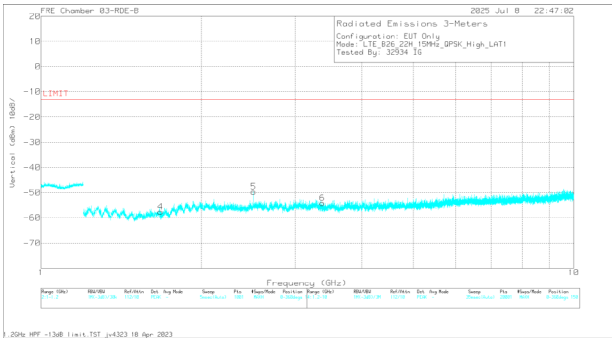
A3260 LTE B26 QPSK High Channel Horizontal



A3518 LTE B26 QPSK High Channel Horizontal



A3260 LTE B26 QPSK High Channel Vertical



A3518 LTE B26 QPSK High Channel Vertical

A3260, LTE BAND 26 (QPSK 15.0MHZ BANDWIDTH, ANT 3)

Project #:	15496282
Date:	2025-06-16
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE B26 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 829MHz									
1.649631	69.23	Pk	28.9	-95.2	-49.40	-46.47	-13	-33.47	H
1.649680	59.43	Pk	28.9	-95.2	-49.40	-56.27	-13	-43.27	V
2.474491	67.47	Pk	31.8	-95.2	-50.15	-46.08	-13	-33.08	V
2.474492	67.35	Pk	31.8	-95.2	-50.15	-46.20	-13	-33.20	H
3.322120	56.20	Pk	32.8	-95.2	-47.30	-53.50	-13	-40.50	V
3.324320	55.13	Pk	32.8	-95.2	-47.33	-54.60	-13	-41.60	H
Mid Channel, 836.5MHz									
1.662880	59.15	Pk	29.0	-95.2	-49.49	-56.54	-13	-43.54	V
1.678280	59.00	Pk	29.0	-95.2	-49.50	-56.70	-13	-43.70	H
2.489200	60.06	Pk	31.9	-95.2	-50.02	-53.26	-13	-40.26	V
2.489456	67.74	Pk	31.9	-95.2	-50.05	-45.61	-13	-32.61	H
3.345440	55.88	Pk	32.7	-95.2	-47.16	-53.78	-13	-40.78	V
3.351160	56.90	Pk	32.7	-95.2	-47.18	-52.78	-13	-39.78	H
High Channel, 844MHz									
1.684440	58.18	Pk	29.1	-95.2	-49.50	-57.42	-13	-44.42	H
1.688840	58.10	Pk	29.1	-95.2	-49.48	-57.48	-13	-44.48	V
2.504487	67.94	Pk	32.0	-95.2	-49.95	-45.21	-13	-32.21	H
2.509440	60.31	Pk	32.0	-95.2	-49.90	-52.79	-13	-39.79	V
3.369200	54.79	Pk	32.7	-95.2	-47.12	-54.83	-13	-41.83	H
3.376020	55.64	Pk	32.7	-95.2	-47.30	-54.16	-13	-41.16	V

A3518, LTE BAND 26 (QPSK 15.0MHZ BANDWIDTH, ANT 3)

Project #:	15496282
Date:	2025-07-08
Test Engineer:	32934
Configuration:	EUT Only
Mode	LTE B26 QPSK 20MHz
Chamber #:	03-RDE-B

Frequency (GHz)	Meter Reading (dBuV)	Det	223084 ACF (dB/m)	EIRP CF	Gain/Loss (dB)	Corrected Reading (dBm)	LIMIT (dBm)	Margin (dB)	Polarity
Low Channel, 829MHz									
1.657600	58.77	Pk	29.0	-95.2	-49.40	-56.83	-13	-43.83	V
1.658480	58.54	Pk	29.0	-95.2	-49.40	-57.06	-13	-44.06	H
2.474373	67.93	Pk	31.8	-95.2	-50.14	-45.61	-13	-32.61	V
2.474644	71.21	Pk	31.9	-95.2	-50.16	-42.25	-13	-29.25	H
3.326960	55.33	Pk	32.8	-95.2	-47.30	-54.37	-13	-41.37	H
3.328280	56.51	Pk	32.8	-95.2	-47.30	-53.19	-13	-40.19	V
Mid Channel, 836.5MHz									
1.659800	58.82	Pk	29.0	-95.2	-49.40	-56.78	-13	-43.78	V
1.669040	58.34	Pk	29.0	-95.2	-49.40	-57.26	-13	-44.26	H
2.489431	67.87	Pk	31.9	-95.2	-50.04	-45.47	-13	-32.47	V
2.489649	71.24	Pk	31.9	-95.2	-50.06	-42.12	-13	-29.12	H
3.348960	54.79	Pk	32.7	-95.2	-47.20	-54.91	-13	-41.91	H
3.352040	55.28	Pk	32.7	-95.2	-47.10	-54.32	-13	-41.32	V
High Channel, 844MHz									
1.676960	57.99	Pk	29.0	-95.2	-49.40	-57.61	-13	-44.61	V
1.689280	57.10	Pk	29.1	-95.2	-49.50	-58.50	-13	-45.50	H
2.504467	71.25	Pk	32.0	-95.2	-49.95	-41.90	-13	-28.90	H
2.504649	68.47	Pk	32.0	-95.2	-49.96	-44.69	-13	-31.69	V
3.361720	55.04	Pk	32.7	-95.2	-47.20	-54.66	-13	-41.66	H
3.374920	55.57	Pk	32.7	-95.2	-47.20	-54.13	-13	-41.13	V

5.7. REFERENCE DETAIL

Reference application that contains the reused reference data.

Reference FCC ID	Varant model FCC IDs	Equipment Class	Reference test report / Data referencing sections
BCG-E8948A	BCG-E8954A	PCE	15496283-E21 / All sections 15496283-E22 / All sections 15496283-E23 / All sections 15496283-E26 / All sections except B71/n71 15496283-E27 / All sections 15496283-E28 / All sections 15496283-E29 / All sections 15496283-E30 / All sections 15496283-E31 / All sections
		CBE	15496283-E34 / All sections
		TNE	15496283-E24 / All sections 15496283-E25 / All sections
BCG-E8948A	BCG-E8955A	PCE	15496283-E21 / All sections 15496283-E22 / All sections 15496283-E23 / All sections 15496283-E26 / All sections except B71/n71 15496283-E27 / All sections 15496283-E28 / All sections 15496283-E29 / All sections 15496283-E30 / All sections 15496283-E31 / All sections
		CBE	15496283-E34 / All sections
		TNE	15496283-E24 / All sections 15496283-E25 / All sections
BCG-E8948A	BCG-E8956A	PCE	15496283-E21 / All sections 15496283-E22 / All sections 15496283-E23 / All sections 15496283-E26 / All sections except B71/n71 15496283-E27 / All sections 15496283-E28 / All sections 15496283-E29 / All sections 15496283-E30 / All sections 15496283-E31 / All sections
		CBE	15496283-E34 / All sections

5.8. SOFTWARE AND FIRMWARE

The EUT firmware installed during testing was version 0.50.69.

5.9. SPOT CHECK WORST-CASE CONFIGURATION AND MODE

The spot checks were performed on the worst-case orientations and configurations based on the parent model of reference report.

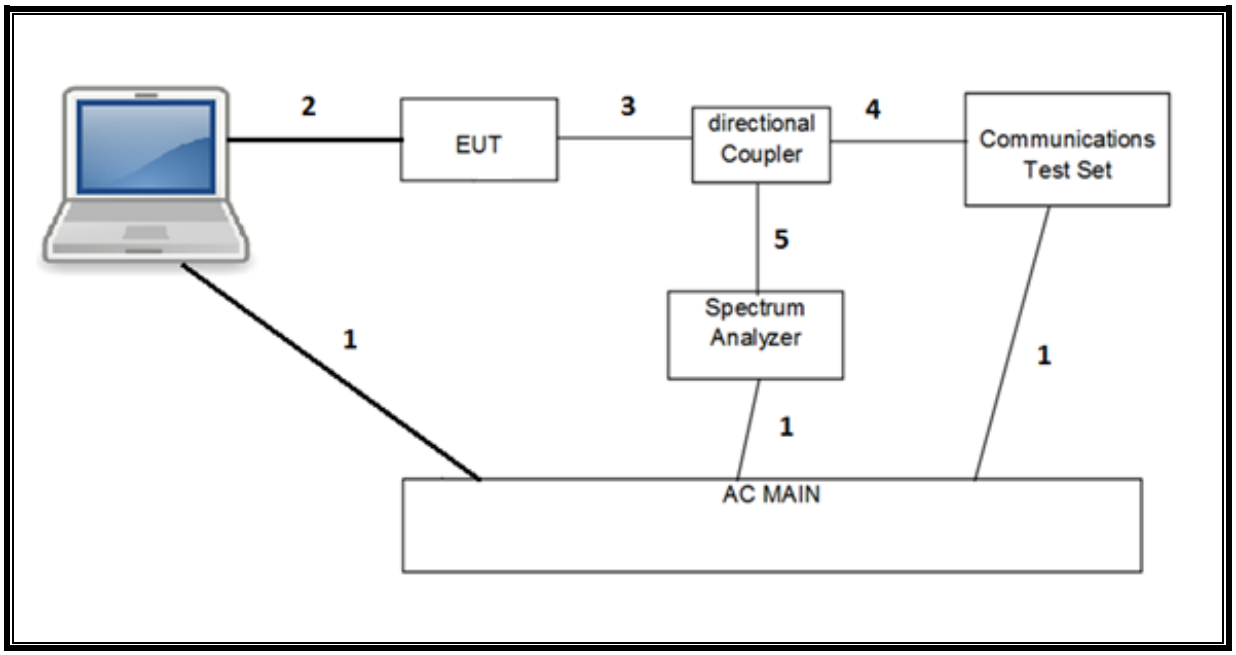
5.10. DESCRIPTION OF TEST SETUP

SUPPORT TEST EQUIPMENT				
Description	**Manufacturer**	**Model**	**Serial Number**	**FCC ID/ DoC**
Laptop	Apple	MacBook Pro	HRP082672	BCGA1708
AC/DC adapter	Apple	A1718	C4H64450HH3GN8RA6	--

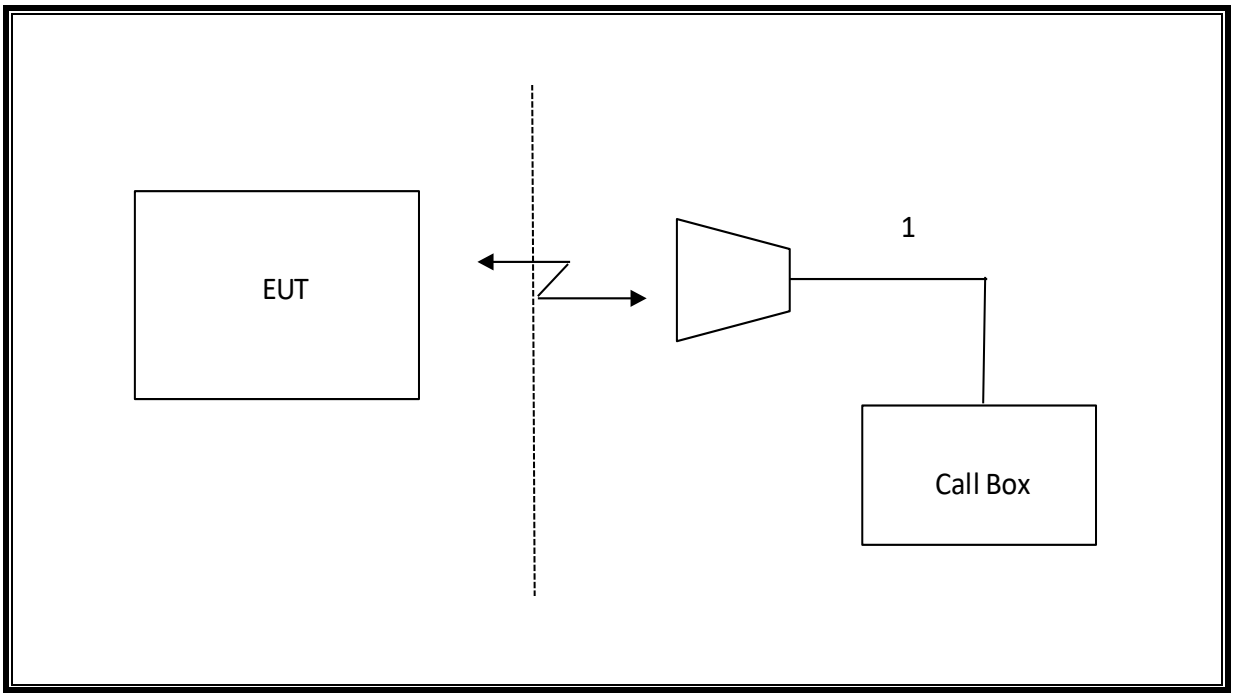
I/O CABLES (RF CONDUCTED TEST)						
Cable No.	**Port**	**# of Identical Ports**	**Connector Type**	**Cable Type**	**Cable Length (m)**	**Remarks**
1	AC	3	US 115V	Un-shielded	2.0	N/A
2	USB	1	DC	Un-shielded	1.0	N/A
3	RF In/Out	1	EUT	Un-shielded	0.6	N/A
4	RF In/Out	1	Communication Test Set	Un-shielded	1.2	N/A
5	RF In/Out	1	Barrel	N/A	N/A	N/A

I/O CABLES (RF RADIATED TEST)						
Cable No.	**Port**	**# of Identical Ports**	**Connector Type**	**Cable Type**	**Cable Length (m)**	**Remarks**
1	RF In/Out	1	Antenna	Un-shielded	5.0	N/A

CONDUCTED SETUP



RADIATED SETUP



6. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment were utilized for the tests documented in this report:

TEST EQUIPMENT LIST				
Description	**Manufacturer**	**Model**	**Asset**	**Cal Due**
Wideband Communication Test Set, Call Box	R&S GmbH & Co.	CMW500	85723	2026-02-28
Wideband Communication Test Set, Call Box	R&S GmbH & Co.	CMW500	230297	2026-02-28
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	169936	2026-02-28
Antenna, Horn 1-18GHz	ETS Lindgren	3117	200897	2026-04-30
RF Filter Box, 1-18GHz, 12 Port	UL-FR1	Frankenstein	217255	2026-01-31
EMI TEST RECEIVER	Rohde & Schwarz	ESW44	223460	2026-02-28
RF Filter Box, 1-18GHz, 17 Port	UL-FR1	RATS 2	236726	2025-10-31
Antenna, Horn 1-18GHz	ETS Lindgren	3117	80403	2026-08-31
Antenna, Broadband Hybrid, 30MHz to 3GHz	Sunol Sciences Corp.	JB3	171863	2026-11-30
Amplifier 9 KHz - 1 GHz	SONOMA INSTRUMENT	310N	224490	2026-05-06
Antenna, Passive Loop 30Hz - 1MHz	ELECTRO-METRICS	EM-6871	170013	2025-07-31
Antenna, Passive Loop 100KHz - 30MHz	ELECTRO-METRICS	EM-6872	170015	2025-07-31
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	262735	2026-03-30
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	231912	2026-04-30
PXA Signal Analyzer	Keysight Technologies Inc	N9030B	259079	2026-02-28
PXA Signal Analyzer	Agilent Technologies Inc	N9030A	87738	2026-01-16
UXM 5G Wireless Test Platform	Keysight Technologies Inc	E7515B	MY59020604	2026-02-26
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	230298	2026-02-28
Wideband Communication Test Set, Call Box	Rohde & Schwarz	CMW500	222793	2026-02-28
Conducted Switch Box	N/A	CSB	227264	2026-03-31
Conducted Switch Box	N/A	CSB	262286	2026-04-30
Conducted Switch Box	N/A	CSB	262288	2026-04-30
Conducted Switch Box	N/A	CSB	263817	2026-05-31
Filter, BRF 3400-3800MHz, 18GHz max	Micro-Tronics	BRM50711	217364	2025-09-30
Filter, BRF 2305-2315	Micro-Tronics	BRC20553	224186	2026-06-29
Power Sensor, P - series, 50MHz to 18GHz, Wideband	Keysight Technologies Inc	N1921A	257704	2026-03-31
Chamber, Environmental	Cincinnati Sub Zero	ZPHS-8-3.5-SCT/WC	89097	2025-10-31
Chamber, Environmental	Cincinnati Sub Zero	ZPHS-8-3.5-SCT/WC	82472	2025-08-31
UL AUTOMATION SOFTWARE				
Conducted Software	UL	CLT	Ver.2023 11.21.0 & .2024.3.20.0 & 2022.7.6.0 & 2023.6.21	
Conducted Software	UL	Power Measurement	Ver.2023.8.14 & 2022.4.29 & 2023.6.8	
Conducted Software	UL	Antenna Port	Ver.2022.8.16& 2021.5.13	
Conducted Software	UL	Station Tool	Ver. 5.0 & 5.3 & 6.0 & 6.1	
Radiated Software	UL	UL EMC	Ver 9.5, May 1, 2023	

Appendix A – Reference Test Report

Attached are the test reports (15496283-E21 to 15496283-E34) containing the reference data from the parent model as detailed in section 5.7.