FCC Radio Test Report

FCC ID: X4GS06009

Report No.	:	BTL-FCCP-7-2509H007
Equipment	:	Outdoor LTE wireless camera
Model Name	:	AX1054
Brand Name	:	Axon
Applicant	:	Axon Enterprise, Inc
Address	:	17800 N. 85th Street, Scottsdale, Arizona 85255, USA
Radio Function	:	LTE Band 5, 26
FCC Rule Part(s)	:	FCC CFR Title 47, Part 22, Subpart H
Date of Receipt	:	2025/9/11
Date of Test	:	2025/10/7 ~ 2025/11/11
Issued Date	:	2025/12/3

The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

Prepared by : Brett Shen
Brett Shen, Engineer

Approved by : Jerry Chuang
Jerry Chuang, Vice Manager

BTL Inc.
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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** assumes no responsibility for the data provided by the Customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by **BTL**.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

BTL's laboratory quality assurance procedures are in compliance with the **ISO/IEC 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

CONTENTS

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-7-2509H007	R00	Original Report.	2025/12/3	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Test Result	Judgement	Remark
2.1046 22.913(a)(5)	Effective Radiated Power	APPENDIX A	Pass	------
-	Peak To Average Ratio	NOTE (3)(4)	Pass	------
2.1049	Occupied Bandwidth	NOTE (3)(4)	Pass	------
22.917(a)	Band Edge Measurements	NOTE (3)(4)	Pass	------
2.1051 22.917(a)	Conducted Spurious Emissions	NOTE (3)(4)	Pass	------
2.1055 22.355	Frequency Stability	NOTE (3)(4)	Pass	------
2.1053 22.917(a)	Radiated Spurious Emissions	APPENDIX B	Pass	------

Statement of Conformity
The statement of conformity is based on the binary decision rule according to IEC Guide 115 and ILAC G8 "simple acceptance" principle. Without considering measurement uncertainty, its specific risk is less than 50% PFA. (PFA: Probability of False Accept)

NOTE:
(1) ”N/A” denotes test is not applicable in this Test Report.
(2) The report format version is TP.1.1.1.
(3) This item is demonstrated to full compliance referring to the test report number SEWA2203000005RG01 of the integrated module (model name: EG065K-NA, FCC ID: XMR2022EG065KNA), according to KDB 996369 D02 Q1 a) 2).
(4) The radiated emissions are tested to demonstrate full compliance of both module integrated into the host and host itself.

1.1 REFERENCE TEST GUIDANCE

ANSI C63.26-2015
ANSI/TIA-603-E-2016
FCC KDB 971168 D01 Power Meas License Digital Systems v03r01

1.2 TEST FACILITY

The test locations stated below are under the TAF Accreditation Number 0659.
The test location(s) used to collect the test data in this report are:
No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)
☐ C05 ☒ SR10 ☐ SR11
No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)
☐ C06 ☒ CB21 ☐ CB22

1.3 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement **y ± U**, where expanded uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k = 2**, providing a level of confidence of approximately **95 %**.

A. Radiated emissions test :

Test Site	Measurement Frequency Range (GHz)	U (dB)
CB21 (3m)	0.03~0.2	4.41
	0.02~1	4.61
	1 ~ 6	5.45
	6 ~ 18	5.04
	18 ~ 26	4.03
	26 ~ 40	4.33

NOTE:
Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

1.4 TEST ENVIRONMENT CONDITIONS

Test Item	Environment Condition	Test Voltage	Tested by
Effective Radiated Power	25.2 °C, 51 %	AC 120V	Dolly Lin
Radiated Spurious Emissions	Refer to data	AC 120V	Mark Wang

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Outdoor LTE wireless camera			
Model Name	AX1054			
Brand Name	Axon			
Model Difference	N/A			
Power Source	DC voltage supplied from AC adapter and DC power source, Internal rechargeable Li-ion battery.			
Power Rating	DC voltage: 12~24VDC, Battery: 3.6V, 11200mAh, 40.32Wh			
Products Covered	N/A			
HW	DVT			
FW	v0.2541.26			
WWAN Module	Quectel / EG065K-NA (Version: 01.01.NA.01.08)			
Operation Frequency	Band	UL Frequency (MHz)	DL Frequency (MHz)	
	LTE 5	824 ~ 849	869 ~ 894	
	LTE 26	824 ~ 849	869 ~ 894	
Maximum ERP	Band	BW (MHz)	Mode	Power (W)
	LTE 5	1.4	QPSK	0.269
			16QAM	0.209
			64QAM	0.171
		3	QPSK	0.269
			16QAM	0.212
			64QAM	0.172
		5	QPSK	0.271
			16QAM	0.215
			64QAM	0.173
		10	QPSK	0.272
			16QAM	0.217
			64QAM	0.175
	LTE 26	1.4	QPSK	0.262
			16QAM	0.215
			64QAM	0.167
		3	QPSK	0.265
			16QAM	0.216
			64QAM	0.169
		5	QPSK	0.269
			16QAM	0.218
			64QAM	0.172
		10	QPSK	0.272
			16QAM	0.218
			64QAM	0.175
		15	QPSK	0.273
			16QAM	0.220
			64QAM	0.175
Test Model	AX1054			
Sample Status	Engineering Sample			
EUT Modification(s)	N/A			

NOTE:
(1) The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

(2) Table for Filed Antenna:

ANT	Brand Name	Model Name	Type	Connector	Gain (dBi)	Note
0	INPAQ	RFPCA872808IMTB401	PCB	IPEX	2.6	LTE Band 5
						LTE Band 26

(3) The above Antenna information are derived from the antenna data sheet provided by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

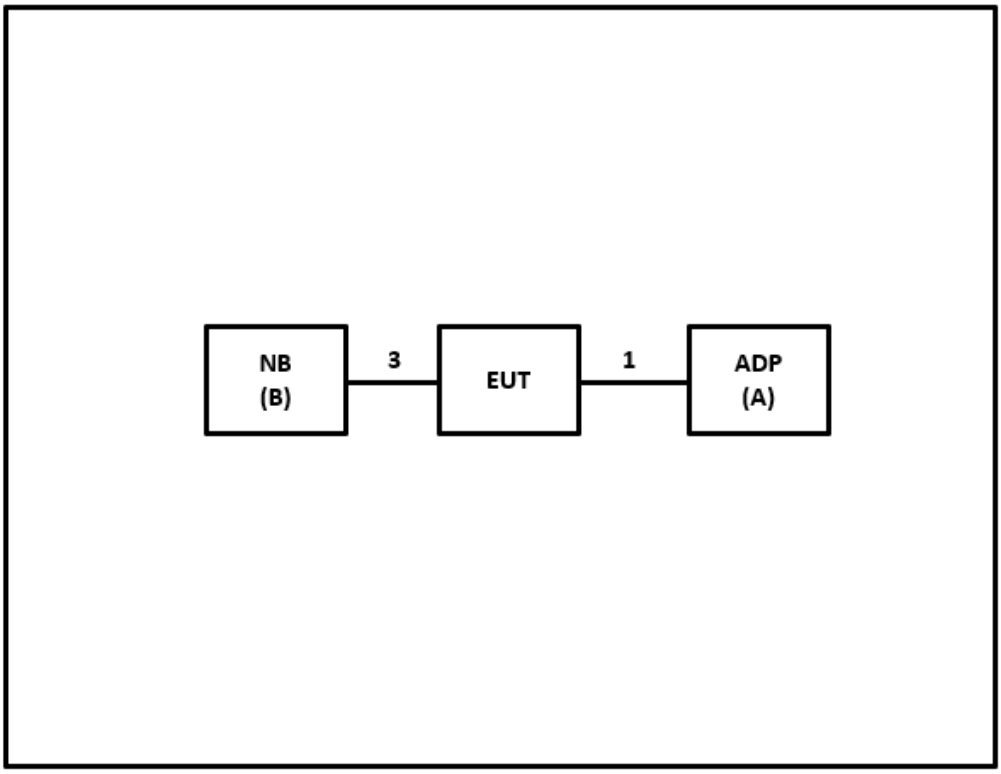
2.2 TEST MODES

Test Items	Band	Test Mode	Note
Effective Radiated Power	LTE Band 5	Refer to APPENDIX A	-
	LTE Band 26		
Radiated Spurious Emissions (Below 1G)	LTE Band 5	Refer to APPENDIX B	-
	LTE Band 26		
Radiated Spurious Emissions (Above 1G)	LTE Band 5	Refer to APPENDIX B	-
	LTE Band 26		

NOTE:
(1) All X, Y and Z axes are evaluated, but only the worst case (Y axis) is recorded.
(2) For Radiated Spurious Emissions both QPSK, 16QAM and 64QAM are evaluated, but only the worst case (QPSK) is recorded.

2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Equipment letters and Cable numbers refer to item numbers described in the tables of clause 2.4.



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	ADP	N/A	N/A	N/A	Supplied by test requester.
B	NB	N/A	N/A	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	N/A	N/A	4.1m	Power Cord	Supplied by test requester.
2	N/A	N/A	1m	USB to Type-c	Supplied by test requester.
3	N/A	N/A	1m	Type-c to Type-c	Furnished by test lab.

3 EFFECTIVE RADIATED POWER MEASUREMENT

3.1 LIMIT

The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 watts (38.45 dBm).

3.2 TEST PROCEDURE

The testing follows FCC KDB 971168 v03r01 Section 5.8.

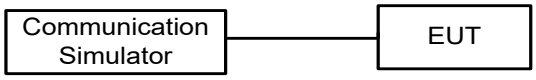
a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.
b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to “Read Value “ of step a. Record the power level of S.G
c. EIRP = Output power level of S.G – TX cable loss + Antenna gain of substitution horn.
d. ERP can be calculated form EIRP by subtracting the gain of dipole, ERP = EIPR - 2.15dBi..
e. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP

Conducted Measurement:



3.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

3.6 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED SPURIOUS EMISSIONS MEASUREMENT

4.1 LIMIT

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB. The emission limit equal to -13dBm.

NOTE:
(1) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value
Calculation example:

Reading Level (dBm)		Correct Factor (dB/m)		Measurement Value (dBm)
-50.43	+	-2.11	=	-52.54

Measurement Value (dBm)		Limit Value (dBm)		Margin Level (dB)
-52.54	-	-13	=	-39.54

4.2 TEST PROCEDURE

The testing follows FCC KDB 971168 v03r01 Section 6.2.

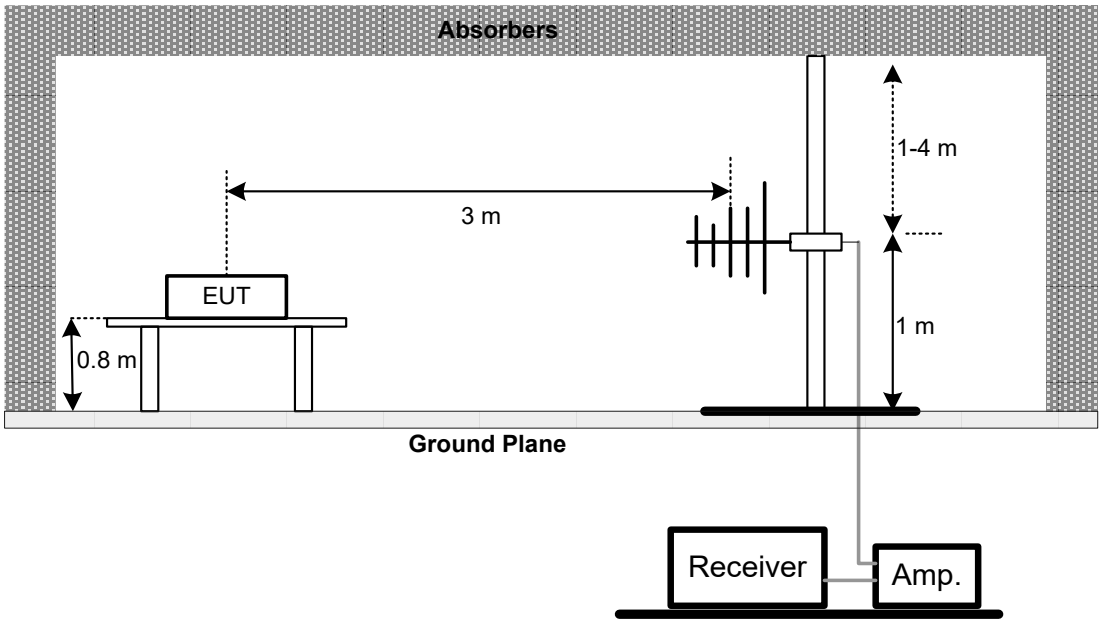
a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.
b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to “Read Value “ of step a. Record the power level of S.G
c. EIRP = Output power level of S.G – TX cable loss + Antenna gain of substitution horn.
d. ERP can be calculated form EIRP by subtracting the gain of dipole, ERP = EIPR - 2.15dBi..
e. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

4.3 DEVIATION FROM TEST STANDARD

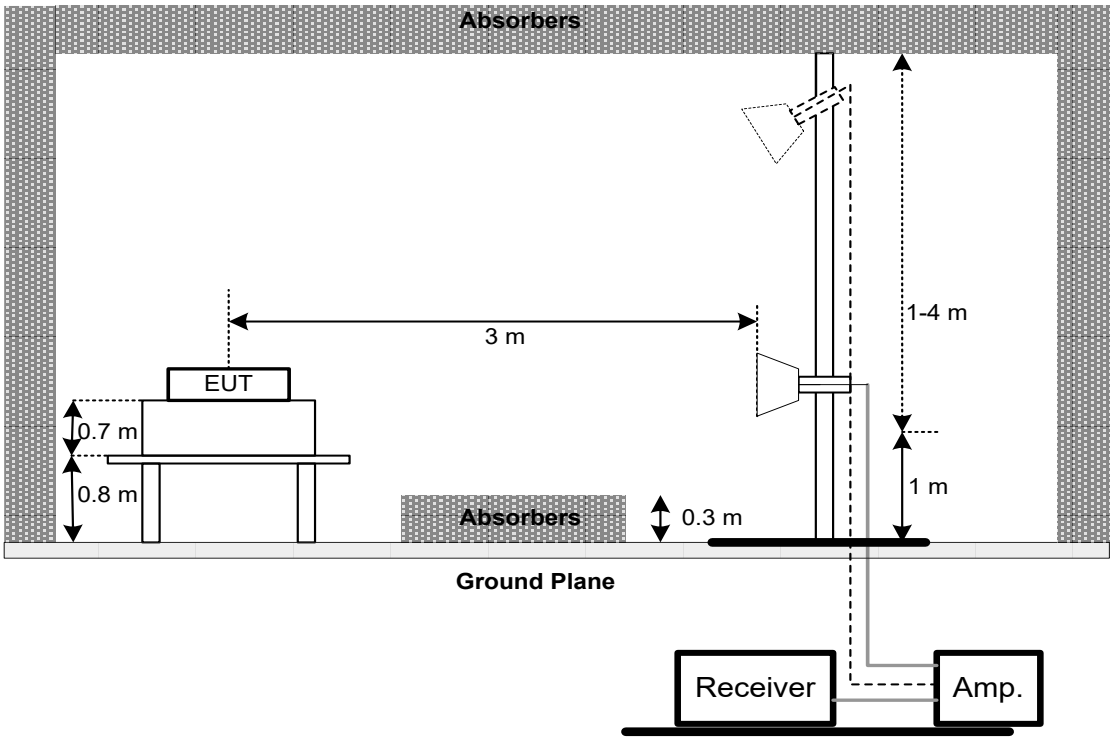
No deviation.

4.4 TEST SETUP

30 MHz to 1 GHz



Above 1 GHz



4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT

Please refer to the APPENDIX B.

5 LIST OF MEASURING EQUIPMENTS

Effective Radiated Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Radio Communication Test Station	ANRITSU	MT8821C	6262044728	2024/11/19	2025/11/18

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC330N	980850	2025/9/3	2026/9/2
2	Preamplifier	EMCI	EMC118A45SE	980819	2025/3/5	2026/3/4
3	Pre-Amplifier	EMCI	EMC184045SE	980907	2025/9/3	2026/9/2
4	Preamplifier	EMCI	EMC001340	980579	2025/9/3	2026/9/2
5	Test Cable	EMCI	EMC104-SM-1000	180809	2025/3/5	2026/3/4
6	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2025/3/5	2026/3/4
7	Test Cable	EMCI	EMC105-SM-SM-8000	220422	2025/10/15	2026/10/14
8	EXA Signal Analyzer	keysight	N9020B	MY57120120	2025/2/19	2026/2/18
9	Loop Ant	Electro-Metrics	EMCI-LPA600	291	2025/9/1	2026/8/31
10	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2025/5/9	2026/5/8
11	Horn Ant	Schwarzbeck	BBHA 9170D	1136	2025/5/15	2026/5/14
12	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2025/7/4	2026/7/3
13	6dB Attenuator	EMCI	EMCI-N-6-06	AT-06001	2025/7/4	2026/7/3
14	Test Cable	EMCI	EMC101G-KM-KM-3000	220329	2025/3/12	2026/3/11
15	Test Cable	EMCI	EMC102-KM-KM-1000	220327	2025/3/12	2026/3/11
16	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A
17	Radio Communication Test Station	ANRITSU	MT8821C	6262044728	2024/11/19	2025/11/18

Remark: “N/A” denotes no model name, no serial no. or no calibration specified.
All calibration period of equipment list is one year.

6 EUT TEST PHOTO

Please refer to document Appendix No.: TP-2509H007-FCCP-2 (APPENDIX-TEST PHOTOS).

7 EUT PHOTOS

Please refer to document Appendix No.: EP-2509H007-1 (APPENDIX-EUT PHOTOS).

APPENDIX A EFFECTIVE RADIATED POWER

LTE Band 5 Power:

BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
1.4	20407	824.7	QPSK	1	0	0	23.24	23.69	0.234
				1	2	0	23.35	23.80	0.240
				1	5	0	23.32	23.77	0.238
				6	0	1	22.34	22.79	0.190
			16QAM	1	0	1	22.40	22.85	0.193
				1	2	1	22.38	22.83	0.192
				1	5	1	22.47	22.92	0.196
				6	0	2	21.40	21.85	0.153
			64QAM	1	0	2	21.49	21.94	0.156
				1	2	2	21.47	21.92	0.156
				1	5	2	21.52	21.97	0.157
				6	0	3	20.69	21.14	0.130
	20525	836.5	QPSK	1	0	0	23.62	24.07	0.255
				1	2	0	23.51	23.96	0.249
				1	5	0	23.50	23.95	0.248
				6	0	1	22.61	23.06	0.202
			16QAM	1	0	1	22.76	23.21	0.209
				1	2	1	22.73	23.18	0.208
				1	5	1	22.67	23.12	0.205
				6	0	2	21.69	22.14	0.164
			64QAM	1	0	2	21.88	22.33	0.171
				1	2	2	21.67	22.12	0.163
				1	5	2	21.75	22.20	0.166
				6	0	3	20.70	21.15	0.130
	20643	848.3	QPSK	1	0	0	23.84	24.29	0.269
				1	2	0	23.71	24.16	0.261
				1	5	0	23.60	24.05	0.254
				6	0	1	22.64	23.09	0.204
			16QAM	1	0	1	22.76	23.21	0.209
				1	2	1	22.72	23.17	0.207
				1	5	1	22.68	23.13	0.206
				6	0	2	21.76	22.21	0.166
			64QAM	1	0	2	21.70	22.15	0.164
				1	2	2	20.93	21.38	0.137
				1	5	2	21.73	22.18	0.165
				6	0	3	20.74	21.19	0.132

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)/10)} / 1000$

BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
3	20415	825.5	QPSK	1	0	0	23.27	23.72	0.236
				1	8	0	23.36	23.81	0.240
				1	14	0	23.40	23.85	0.243
				15	0	1	22.36	22.81	0.191
			16QAM	1	0	1	22.46	22.91	0.195
				1	8	1	22.47	22.92	0.196
				1	14	1	22.54	22.99	0.199
				15	0	2	21.41	21.86	0.153
			64QAM	1	0	2	21.51	21.96	0.157
				1	8	2	21.54	21.99	0.158
				1	14	2	21.57	22.02	0.159
				15	0	3	20.77	21.22	0.132
	20525	836.5	QPSK	1	0	0	23.65	24.10	0.257
				1	8	0	23.58	24.03	0.253
				1	14	0	23.58	24.03	0.253
				15	0	1	22.64	23.09	0.204
			16QAM	1	0	1	22.79	23.24	0.211
				1	8	1	22.76	23.21	0.209
				1	14	1	22.73	23.18	0.208
				15	0	2	21.76	22.21	0.166
			64QAM	1	0	2	21.91	22.36	0.172
				1	8	2	21.73	22.18	0.165
				1	14	2	21.78	22.23	0.167
				15	0	3	20.72	21.17	0.131
	20635	847.5	QPSK	1	0	0	23.85	24.30	0.269
				1	8	0	23.73	24.18	0.262
				1	14	0	23.65	24.10	0.257
				15	0	1	22.71	23.16	0.207
			16QAM	1	0	1	22.82	23.27	0.212
				1	8	1	22.80	23.25	0.211
				1	14	1	22.76	23.21	0.209
				15	0	2	21.83	22.28	0.169
			64QAM	1	0	2	21.78	22.23	0.167
				1	8	2	20.95	21.40	0.138
				1	14	2	21.77	22.22	0.167
				15	0	3	20.80	21.25	0.133

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)/10)} / 1000$

BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
5	20425	826.5	QPSK	1	0	0	23.35	23.80	0.240
				1	12	0	23.42	23.87	0.244
				1	24	0	23.44	23.89	0.245
				25	0	1	22.40	22.85	0.193
			16QAM	1	0	1	22.55	23.00	0.200
				1	12	1	22.50	22.95	0.197
				1	24	1	22.58	23.03	0.201
				25	0	2	21.43	21.88	0.154
			64QAM	1	0	2	21.58	22.03	0.160
				1	12	2	21.56	22.01	0.159
				1	24	2	21.60	22.05	0.160
				25	0	3	20.78	21.23	0.133
	20525	836.5	QPSK	1	0	0	23.71	24.16	0.261
				1	12	0	23.67	24.12	0.258
				1	24	0	23.62	24.07	0.255
				25	0	1	22.72	23.17	0.207
			16QAM	1	0	1	22.85	23.30	0.214
				1	12	1	22.80	23.25	0.211
				1	24	1	22.77	23.22	0.210
				25	0	2	21.81	22.26	0.168
			64QAM	1	0	2	21.94	22.39	0.173
				1	12	2	21.76	22.21	0.166
				1	24	2	21.83	22.28	0.169
				25	0	3	20.81	21.26	0.134
	20625	846.5	QPSK	1	0	0	23.88	24.33	0.271
				1	12	0	23.81	24.26	0.267
				1	24	0	23.73	24.18	0.262
				25	0	1	22.73	23.18	0.208
			16QAM	1	0	1	22.88	23.33	0.215
				1	12	1	22.87	23.32	0.215
				1	24	1	22.80	23.25	0.211
				25	0	2	21.88	22.33	0.171
			64QAM	1	0	2	21.84	22.29	0.169
				1	12	2	21.02	21.47	0.140
				1	24	2	21.81	22.26	0.168
				25	0	3	20.84	21.29	0.135

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
10	20450	829.0	QPSK	1	0	0	23.42	23.87	0.244
				1	24	0	23.51	23.96	0.249
				1	49	0	23.50	23.95	0.248
				50	0	1	22.45	22.90	0.195
			16QAM	1	0	1	22.58	23.03	0.201
				1	24	1	22.57	23.02	0.200
				1	49	1	22.60	23.05	0.202
				50	0	2	21.48	21.93	0.156
			64QAM	1	0	2	21.64	22.09	0.162
				1	24	2	21.60	22.05	0.160
				1	49	2	21.65	22.10	0.162
				50	0	3	20.85	21.30	0.135
	20525	836.5	QPSK	1	0	0	23.76	24.21	0.264
				1	24	0	23.74	24.19	0.262
				1	49	0	23.68	24.13	0.259
				50	0	1	22.76	23.21	0.209
			16QAM	1	0	1	22.89	23.34	0.216
				1	24	1	22.87	23.32	0.215
				1	49	1	22.86	23.31	0.214
				50	0	2	21.88	22.33	0.171
			64QAM	1	0	2	21.98	22.43	0.175
				1	24	2	21.83	22.28	0.169
				1	49	2	21.89	22.34	0.171
				50	0	3	20.84	21.29	0.135
	20600	844.0	QPSK	1	0	0	23.89	24.34	0.272
				1	24	0	23.83	24.28	0.268
				1	49	0	23.77	24.22	0.264
				50	0	1	22.81	23.26	0.212
			16QAM	1	0	1	22.90	23.35	0.216
				1	24	1	22.92	23.37	0.217
				1	49	1	22.86	23.31	0.214
				50	0	2	21.94	22.39	0.173
			64QAM	1	0	2	21.91	22.36	0.172
				1	24	2	21.08	21.53	0.142
				1	49	2	21.89	22.34	0.171
				50	0	3	20.88	21.33	0.136

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)/10)} / 1000$

LTE Band 26 Power:

BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
1.4	26797	824.7	QPSK	1	0	0	23.66	24.11	0.258
				1	2	0	23.64	24.09	0.256
				1	5	0	23.62	24.07	0.255
				6	0	1	22.69	23.14	0.206
			16QAM	1	0	1	22.88	23.33	0.215
				1	2	1	22.73	23.18	0.208
				1	5	1	22.76	23.21	0.209
				6	0	2	21.72	22.17	0.165
			64QAM	1	0	2	21.73	22.18	0.165
				1	2	2	21.75	22.20	0.166
				1	5	2	21.67	22.12	0.163
				6	0	3	20.71	21.16	0.131
	26915	836.5	QPSK	1	0	0	23.72	24.17	0.261
				1	2	0	23.74	24.19	0.262
				1	5	0	23.66	24.11	0.258
				6	0	1	22.66	23.11	0.205
			16QAM	1	0	1	22.68	23.13	0.206
				1	2	1	22.71	23.16	0.207
				1	5	1	22.72	23.17	0.207
				6	0	2	21.61	22.06	0.161
			64QAM	1	0	2	21.75	22.20	0.166
				1	2	2	21.68	22.13	0.163
				1	5	2	21.77	22.22	0.167
				6	0	3	20.71	21.16	0.131
	27033	848.3	QPSK	1	0	0	23.49	23.94	0.248
				1	2	0	23.57	24.02	0.252
				1	5	0	23.53	23.98	0.250
				6	0	1	22.52	22.97	0.198
			16QAM	1	0	1	22.72	23.17	0.207
				1	2	1	22.64	23.09	0.204
				1	5	1	22.62	23.07	0.203
				6	0	2	21.64	22.09	0.162
			64QAM	1	0	2	21.62	22.07	0.161
				1	2	2	21.76	22.21	0.166
				1	5	2	21.56	22.01	0.159
				6	0	3	20.60	21.05	0.127

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
3	26805	825.5	QPSK	1	0	0	23.68	24.13	0.259
				1	8	0	23.66	24.11	0.258
				1	14	0	23.69	24.14	0.259
				15	0	1	22.76	23.21	0.209
			16QAM	1	0	1	22.89	23.34	0.216
				1	8	1	22.75	23.20	0.209
				1	14	1	22.83	23.28	0.213
				15	0	2	21.79	22.24	0.167
			64QAM	1	0	2	21.77	22.22	0.167
				1	8	2	21.78	22.23	0.167
				1	14	2	21.69	22.14	0.164
				15	0	3	20.76	21.21	0.132
	26915	836.5	QPSK	1	0	0	23.79	24.24	0.265
				1	8	0	23.79	24.24	0.265
				1	14	0	23.69	24.14	0.259
				15	0	1	22.68	23.13	0.206
			16QAM	1	0	1	22.71	23.16	0.207
				1	8	1	22.78	23.23	0.210
				1	14	1	22.78	23.23	0.210
				15	0	2	21.66	22.11	0.163
			64QAM	1	0	2	21.77	22.22	0.167
				1	8	2	21.74	22.19	0.166
				1	14	2	21.83	22.28	0.169
				15	0	3	20.74	21.19	0.132
	27025	847.5	QPSK	1	0	0	23.57	24.02	0.252
				1	8	0	23.65	24.10	0.257
				1	14	0	23.57	24.02	0.252
				15	0	1	22.58	23.03	0.201
			16QAM	1	0	1	22.75	23.20	0.209
				1	8	1	22.72	23.17	0.207
				1	14	1	22.69	23.14	0.206
				15	0	2	21.70	22.15	0.164
			64QAM	1	0	2	21.67	22.12	0.163
				1	8	2	21.77	22.22	0.167
				1	14	2	21.57	22.02	0.159
				15	0	3	20.64	21.09	0.129

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
5	26815	826.5	QPSK	1	0	0	23.73	24.18	0.262
				1	12	0	23.72	24.17	0.261
				1	24	0	23.77	24.22	0.264
				25	0	1	22.81	23.26	0.212
			16QAM	1	0	1	22.93	23.38	0.218
				1	12	1	22.79	23.24	0.211
				1	24	1	22.87	23.32	0.215
				25	0	2	21.85	22.30	0.170
			64QAM	1	0	2	21.81	22.26	0.168
				1	12	2	21.79	22.24	0.167
				1	24	2	21.73	22.18	0.165
				25	0	3	20.83	21.28	0.134
	26915	836.5	QPSK	1	0	0	23.85	24.30	0.269
				1	12	0	23.80	24.25	0.266
				1	24	0	23.72	24.17	0.261
				25	0	1	22.74	23.19	0.208
			16QAM	1	0	1	22.77	23.22	0.210
				1	12	1	22.83	23.28	0.213
				1	24	1	22.85	23.30	0.214
				25	0	2	21.75	22.20	0.166
			64QAM	1	0	2	21.82	22.27	0.169
				1	12	2	21.82	22.27	0.169
				1	24	2	21.90	22.35	0.172
				25	0	3	20.77	21.22	0.132
	27015	846.5	QPSK	1	0	0	23.60	24.05	0.254
				1	12	0	23.73	24.18	0.262
				1	24	0	23.64	24.09	0.256
				25	0	1	22.66	23.11	0.205
			16QAM	1	0	1	22.84	23.29	0.213
				1	12	1	22.74	23.19	0.208
				1	24	1	22.75	23.20	0.209
				25	0	2	21.71	22.16	0.164
			64QAM	1	0	2	21.73	22.18	0.165
				1	12	2	21.81	22.26	0.168
				1	24	2	21.63	22.08	0.161
				25	0	3	20.72	21.17	0.131

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)/10)} / 1000$

BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
10	26840	829.0	QPSK	1	0	0	23.81	24.26	0.267
				1	24	0	23.75	24.20	0.263
				1	49	0	23.81	24.26	0.267
				50	0	1	22.87	23.32	0.215
			16QAM	1	0	1	22.94	23.39	0.218
				1	24	1	22.80	23.25	0.211
				1	49	1	22.90	23.35	0.216
				50	0	2	21.87	22.32	0.171
			64QAM	1	0	2	21.84	22.29	0.169
				1	24	2	21.80	22.25	0.168
				1	49	2	21.79	22.24	0.167
				50	0	3	20.85	21.30	0.135
	26915	836.5	QPSK	1	0	0	23.90	24.35	0.272
				1	24	0	23.85	24.30	0.269
				1	49	0	23.77	24.22	0.264
				50	0	1	22.82	23.27	0.212
			16QAM	1	0	1	22.85	23.30	0.214
				1	24	1	22.89	23.34	0.216
				1	49	1	22.88	23.33	0.215
				50	0	2	21.78	22.23	0.167
			64QAM	1	0	2	21.85	22.30	0.170
				1	24	2	21.85	22.30	0.170
				1	49	2	21.97	22.42	0.175
				50	0	3	20.85	21.30	0.135
	26990	844.0	QPSK	1	0	0	23.68	24.13	0.259
				1	24	0	23.74	24.19	0.262
				1	49	0	23.70	24.15	0.260
				50	0	1	22.74	23.19	0.208
			16QAM	1	0	1	22.89	23.34	0.216
				1	24	1	22.80	23.25	0.211
				1	49	1	22.79	23.24	0.211
				50	0	2	21.79	22.24	0.167
			64QAM	1	0	2	21.80	22.25	0.168
				1	24	2	21.83	22.28	0.169
				1	49	2	21.71	22.16	0.164
				50	0	3	20.75	21.20	0.132

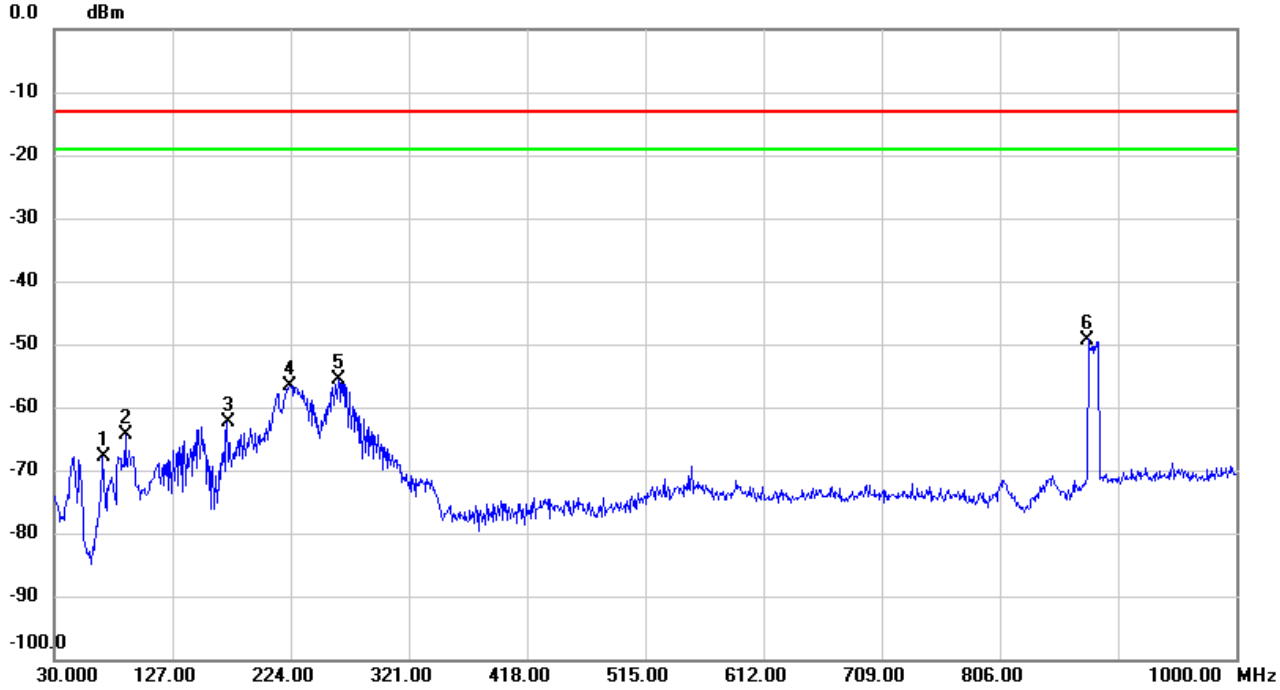
NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
15	26865	831.5	QPSK	1	0	0	23.84	24.29	0.269
				1	38	0	23.82	24.27	0.267
				1	74	0	23.86	24.31	0.270
				75	0	1	22.90	23.35	0.216
			16QAM	1	0	1	22.96	23.41	0.219
				1	38	1	22.87	23.32	0.215
				1	74	1	22.91	23.36	0.217
				75	0	2	21.90	22.35	0.172
			64QAM	1	0	2	21.86	22.31	0.170
				1	38	2	21.88	22.33	0.171
				1	74	2	21.85	22.30	0.170
				75	0	3	20.90	21.35	0.136
	26915	836.5	QPSK	1	0	0	23.91	24.36	0.273
				1	38	0	23.87	24.32	0.270
				1	74	0	23.83	24.28	0.268
				75	0	1	22.86	23.31	0.214
			16QAM	1	0	1	22.91	23.36	0.217
				1	38	1	22.95	23.40	0.219
				1	74	1	22.97	23.42	0.220
				75	0	2	21.81	22.26	0.168
			64QAM	1	0	2	21.87	22.32	0.171
				1	38	2	21.93	22.38	0.173
				1	74	2	21.99	22.44	0.175
				75	0	3	20.94	21.39	0.138
	26965	841.5	QPSK	1	0	0	23.77	24.22	0.264
				1	38	0	23.81	24.26	0.267
				1	74	0	23.78	24.23	0.265
				75	0	1	22.80	23.25	0.211
			16QAM	1	0	1	22.96	23.41	0.219
				1	38	1	22.83	23.28	0.213
				1	74	1	22.87	23.32	0.215
				75	0	2	21.82	22.27	0.169
			64QAM	1	0	2	21.89	22.34	0.171
				1	38	2	21.87	22.32	0.171
				1	74	2	21.79	22.24	0.167
				75	0	3	20.80	21.25	0.133

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

APPENDIX B RADIATED SPURIOUS EMISSIONS

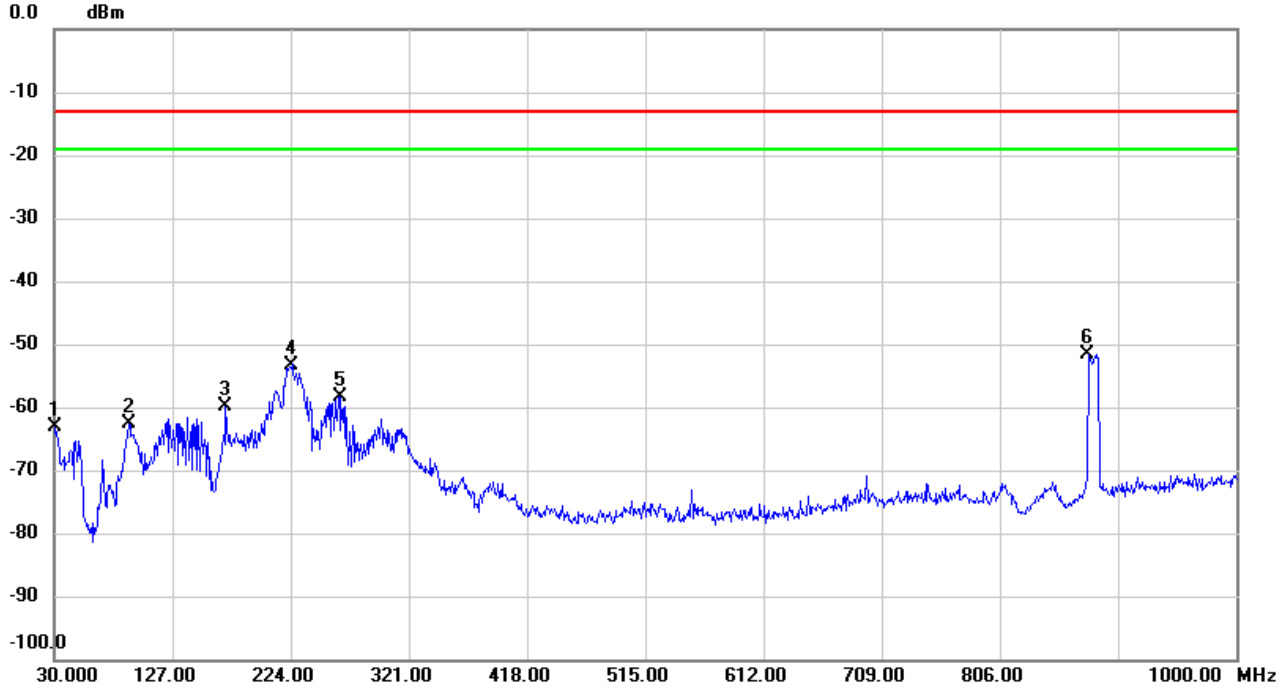
Test Mode	LTE Band 5	Test Date	2025/11/6
Test Channel	CH20525	Polarization	Vertical
Temp	26°C	Hum.	63%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		70.1257	-61.02	-6.96	-67.98	-13.00	-54.98	peak	
2		88.8467	-58.84	-5.57	-64.41	-13.00	-51.41	peak	
3		172.3313	-60.37	-2.06	-62.43	-13.00	-49.43	peak	
4		223.5150	-53.05	-3.49	-56.54	-13.00	-43.54	peak	
5		262.8970	-52.67	-3.04	-55.71	-13.00	-42.71	peak	
6	*	877.4243	-55.21	5.96	-49.25	-13.00	-36.25	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

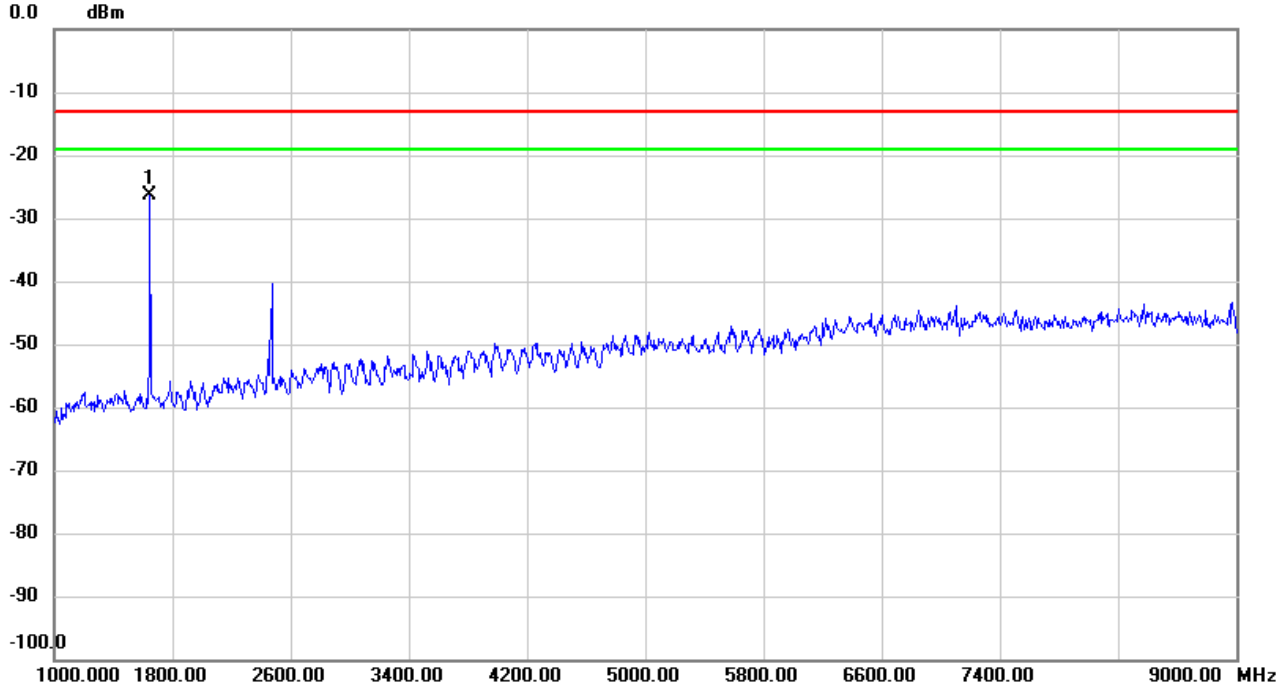
Test Mode	LTE Band 5	Test Date	2025/11/6
Test Channel	CH20525	Polarization	Horizontal
Temp	26°C	Hum.	63%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		30.0000	-66.14	3.01	-63.13	-13.00	-50.13	peak	
2		92.0153	-54.26	-8.30	-62.56	-13.00	-49.56	peak	
3		170.8440	-54.16	-5.83	-59.99	-13.00	-46.99	peak	
4		225.0023	-44.74	-8.55	-53.29	-13.00	-40.29	peak	
5		264.3843	-50.73	-7.53	-58.26	-13.00	-45.26	peak	
6	*	877.4567	-56.19	4.53	-51.66	-13.00	-38.66	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

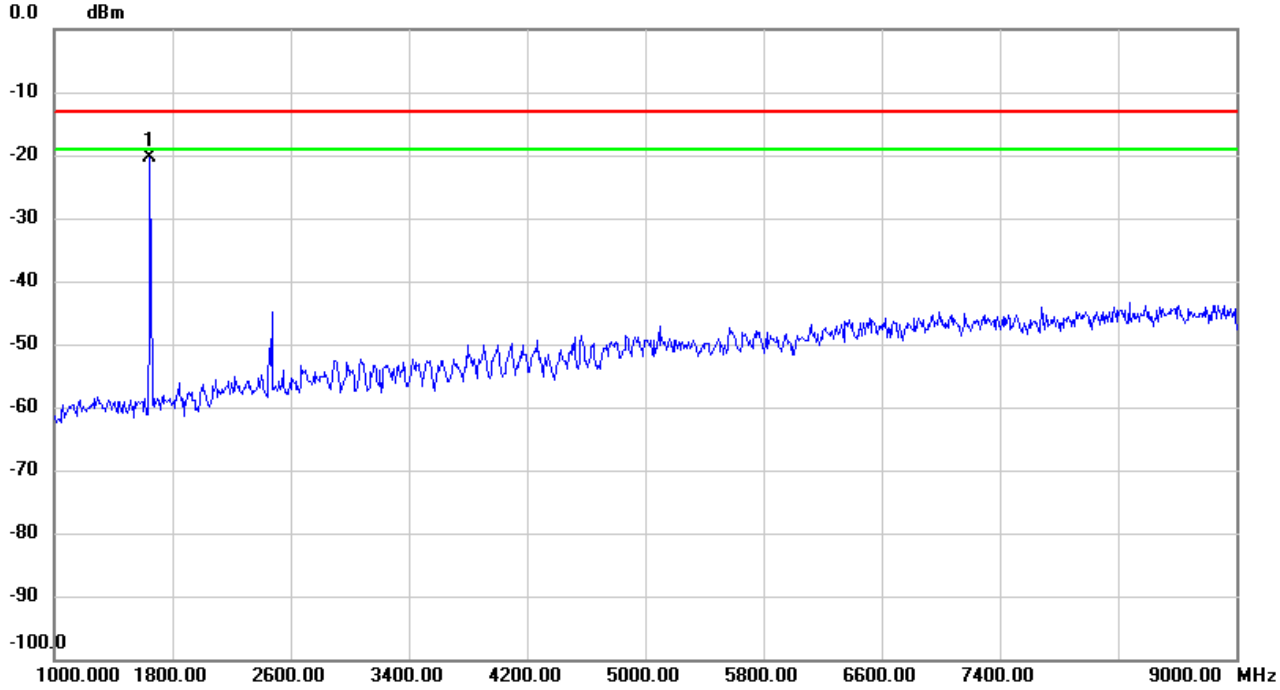
Test Mode	LTE Band 5	Test Date	2025/11/7
Test Channel	CH20450	Polarization	Vertical
Temp	27°C	Hum.	60%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1649.333	-32.03	5.73	-26.30	-13.00	-13.30	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

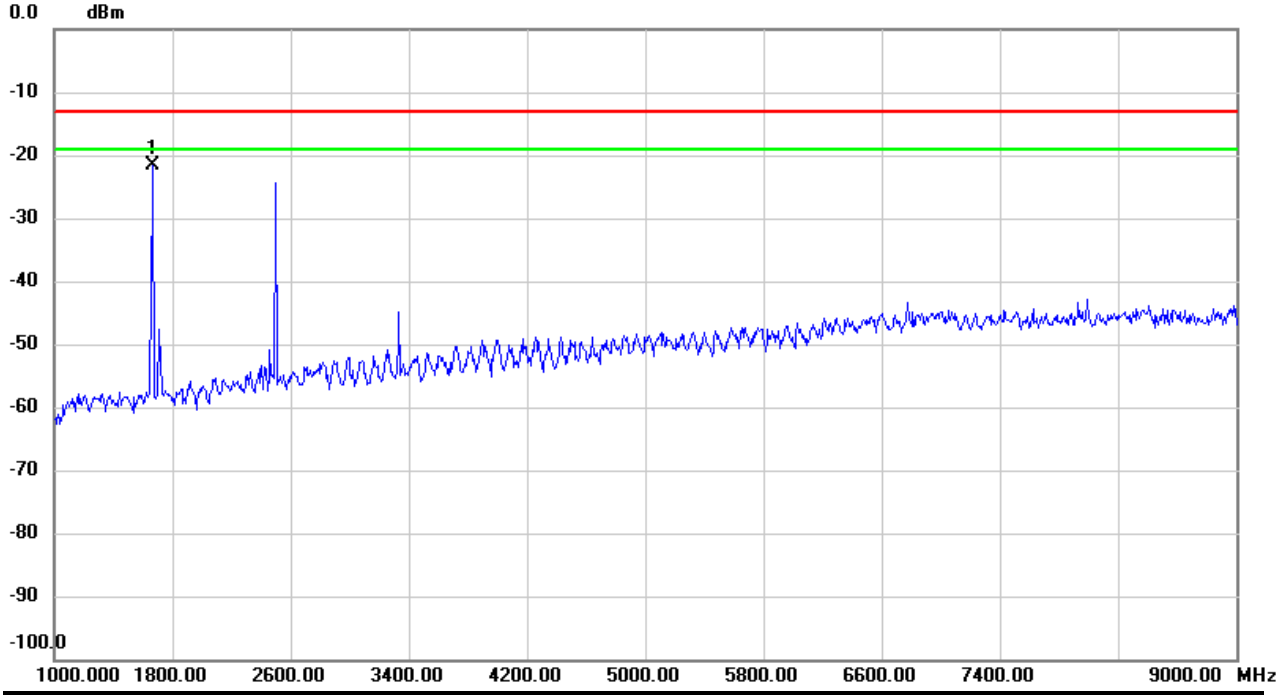
Test Mode	LTE Band 5	Test Date	2025/11/7
Test Channel	CH20450	Polarization	Horizontal
Temp	27°C	Hum.	60%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1649.333	-25.84	5.42	-20.42	-13.00	-7.42	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

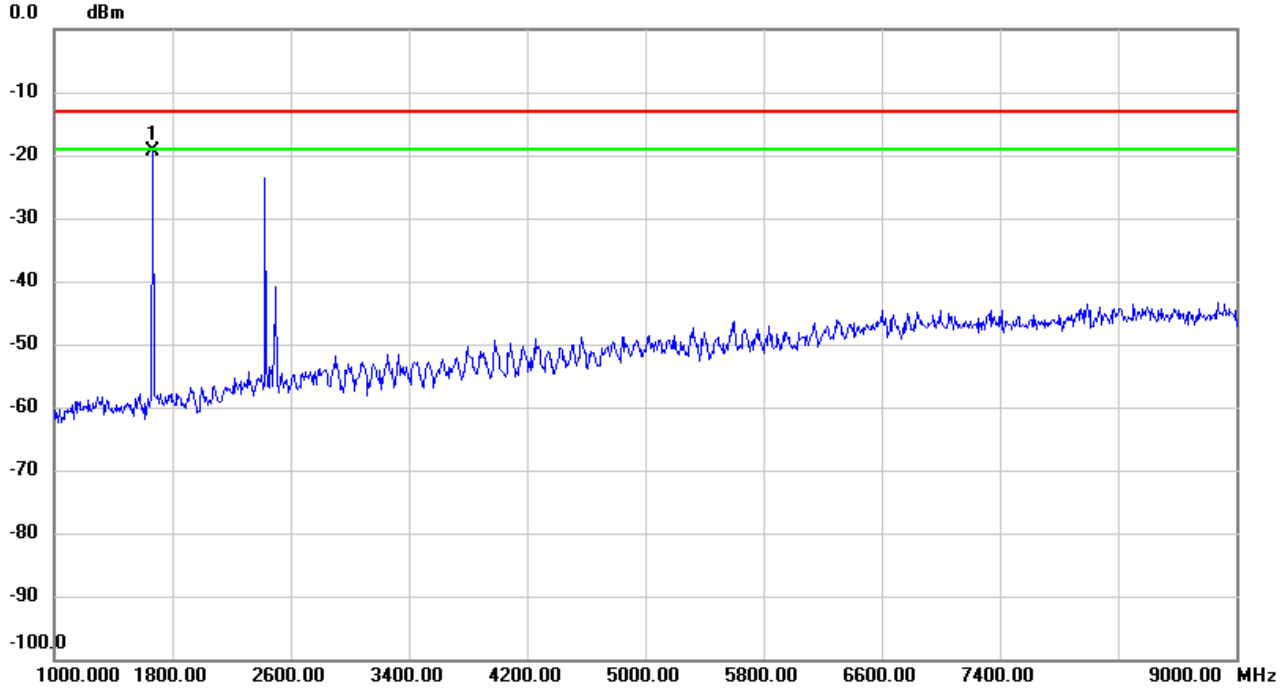
Test Mode	LTE Band 5	Test Date	2025/11/7
Test Channel	CH20525	Polarization	Vertical
Temp	27°C	Hum.	60%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1664.267	-27.49	5.75	-21.74	-13.00	-8.74	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

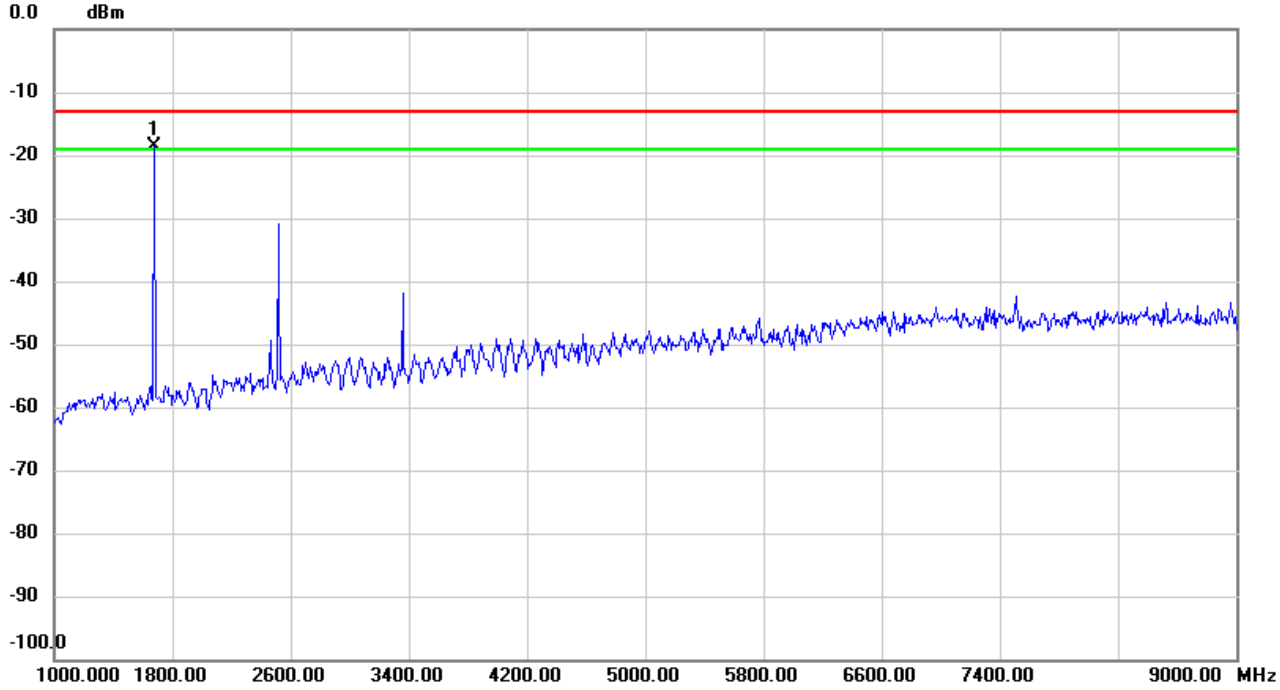
Test Mode	LTE Band 5	Test Date	2025/11/7
Test Channel	CH20525	Polarization	Horizontal
Temp	27°C	Hum.	60%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1664.533	-24.77	5.46	-19.31	-13.00	-6.31	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

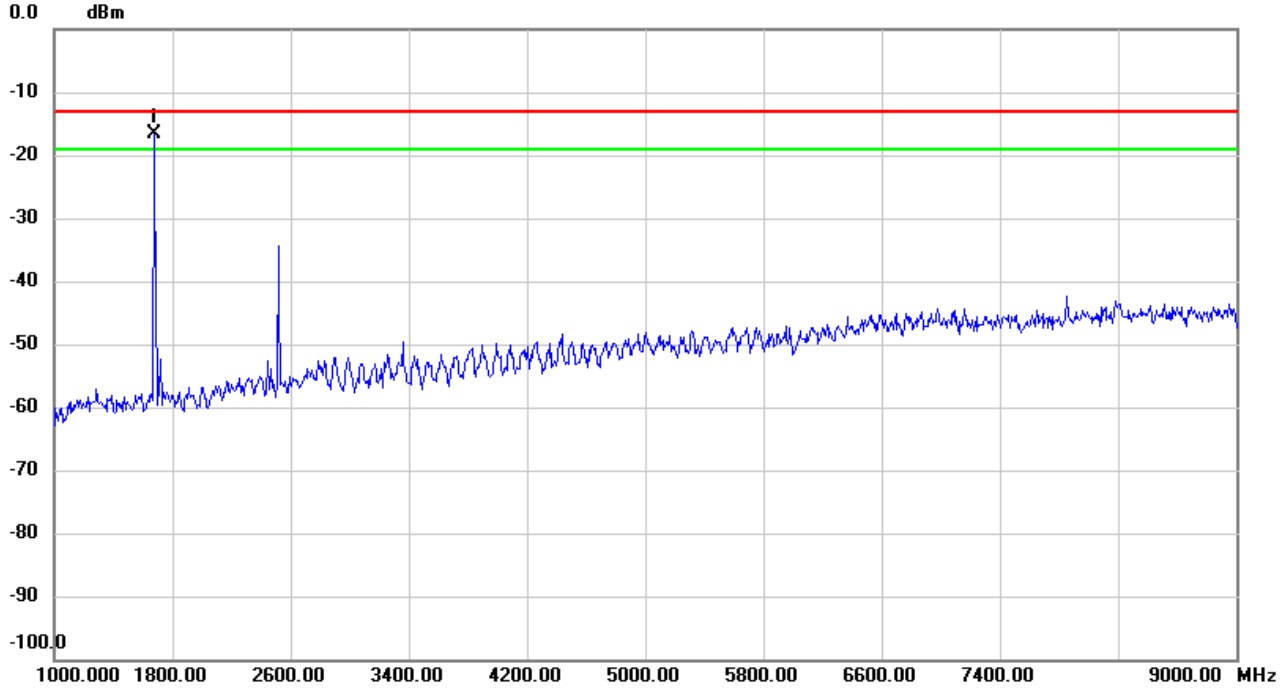
Test Mode	LTE Band 5	Test Date	2025/11/7
Test Channel	CH20600	Polarization	Vertical
Temp	27°C	Hum.	60%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1679.467	-24.49	5.77	-18.72	-13.00	-5.72	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

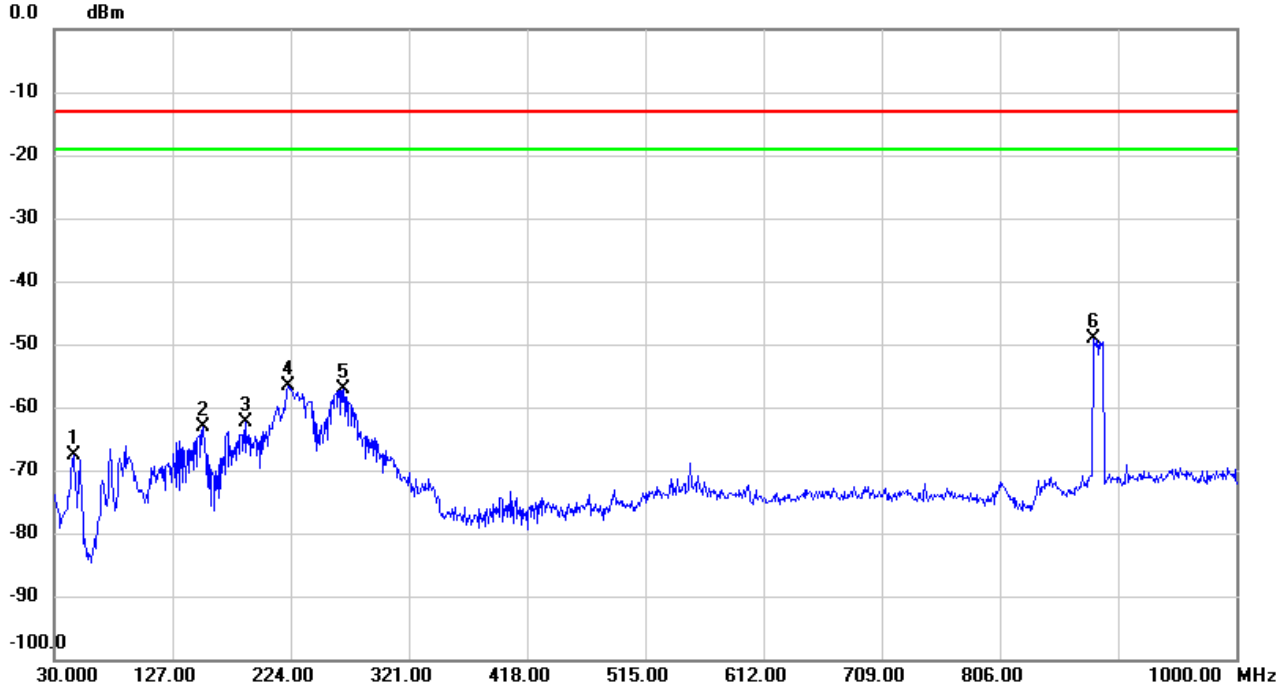
Test Mode	LTE Band 5	Test Date	2025/11/7
Test Channel	CH20600	Polarization	Horizontal
Temp	27°C	Hum.	60%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1679.200	-22.09	5.50	-16.59	-13.00	-3.59	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

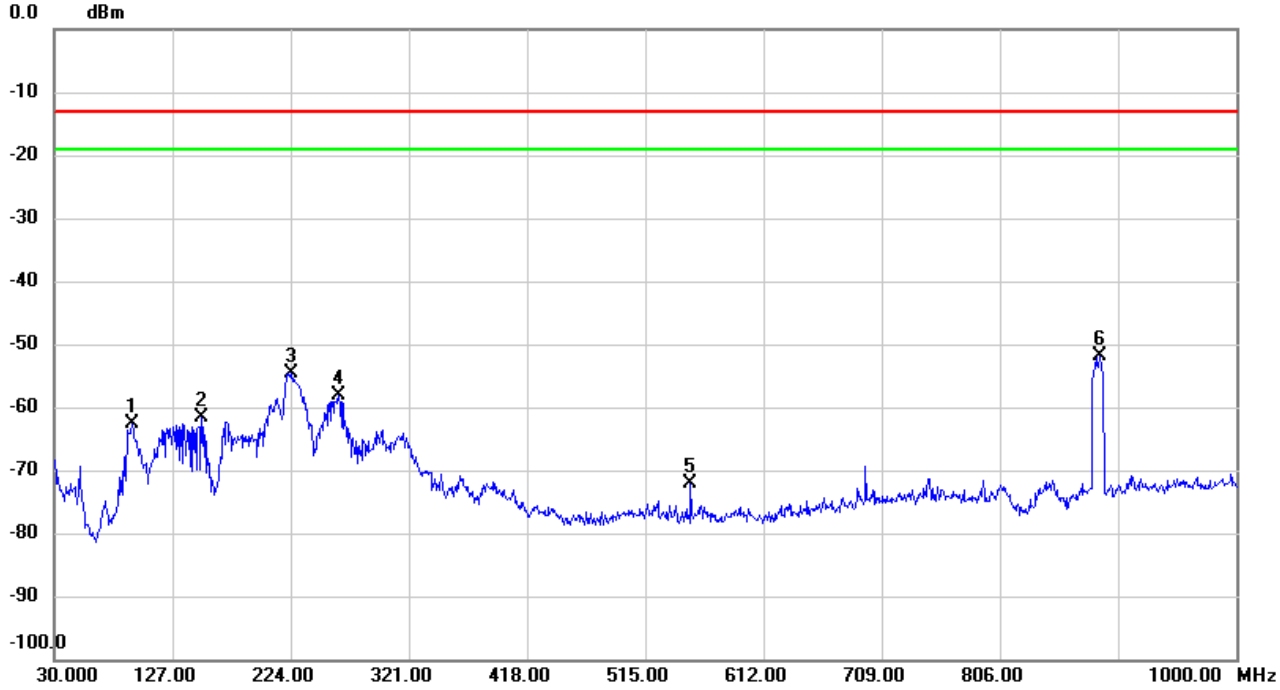
Test Mode	LTE Band 26	Test Date	2025/11/6
Test Channel	CH26915	Polarization	Vertical
Temp	26°C	Hum.	63%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		45.7787	-61.72	-5.93	-67.65	-13.00	-54.65	peak	
2		151.9290	-60.49	-2.67	-63.16	-13.00	-50.16	peak	
3		187.0107	-59.69	-2.78	-62.47	-13.00	-49.47	peak	
4		222.0600	-53.03	-3.65	-56.68	-13.00	-43.68	peak	
5		267.3913	-54.08	-3.08	-57.16	-13.00	-44.16	peak	
6	*	882.3390	-55.25	6.11	-49.14	-13.00	-36.14	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

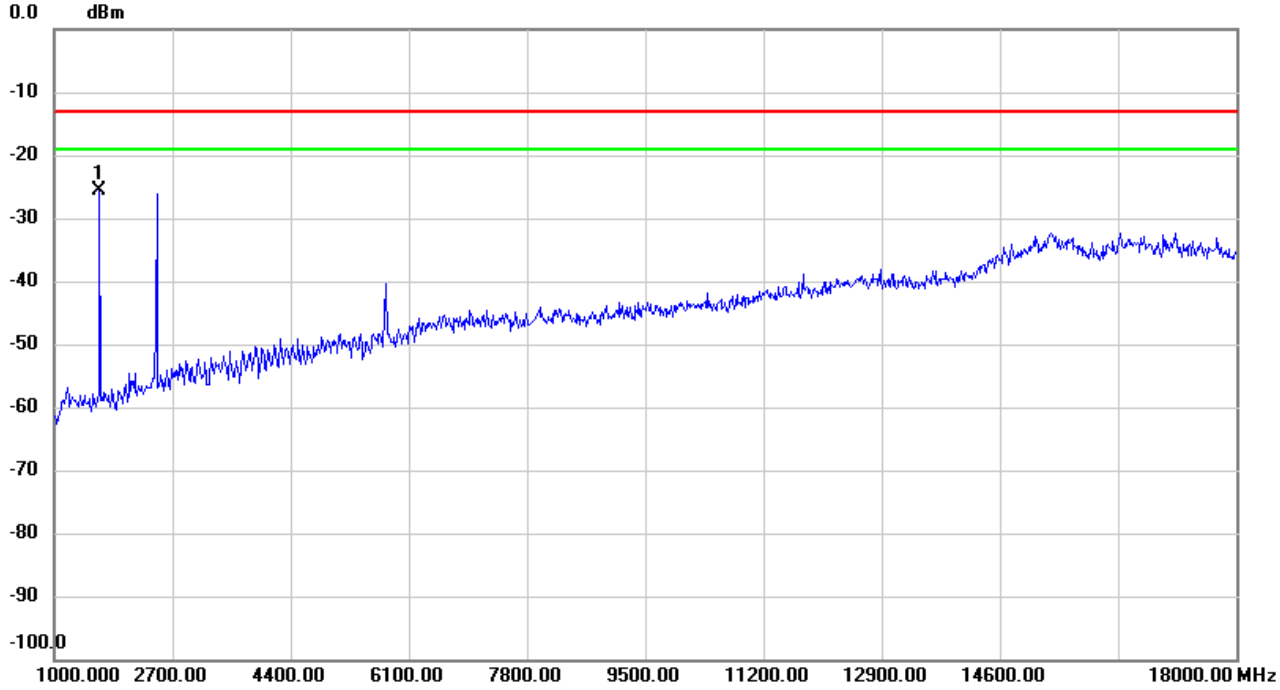
Test Mode	LTE Band 26	Test Date	2025/11/6
Test Channel	CH26915	Polarization	Horizontal
Temp	26°C	Hum.	63%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		93.5027	-54.36	-8.23	-62.59	-13.00	-49.59	peak	
2		150.4740	-54.87	-6.65	-61.52	-13.00	-48.52	peak	
3		224.9700	-46.11	-8.55	-54.66	-13.00	-41.66	peak	
4		262.9292	-50.52	-7.59	-58.11	-13.00	-45.11	peak	
5		551.9893	-71.65	-0.55	-72.20	-13.00	-59.20	peak	
6	*	888.7087	-56.49	4.70	-51.79	-13.00	-38.79	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

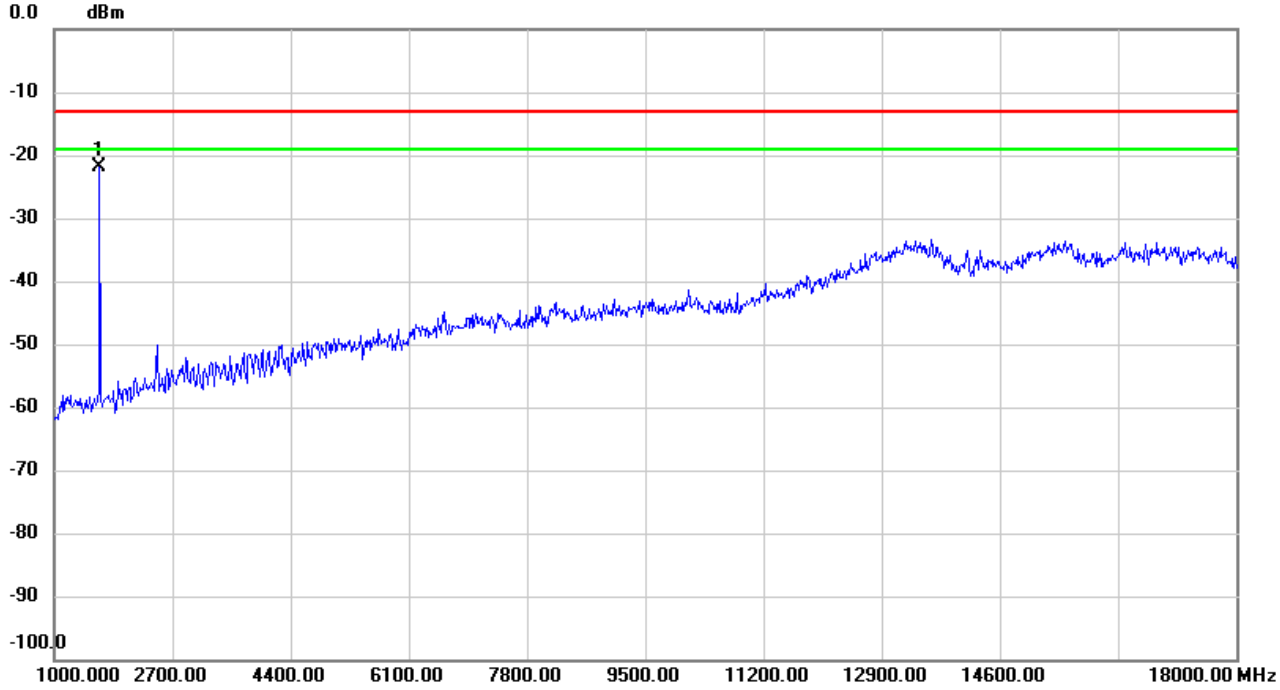
Test Mode	LTE Band 26	Test Date	2025/11/6
Test Channel	CH26865	Polarization	Vertical
Temp	26°C	Hum.	63%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1649.967	-31.41	5.74	-25.67	-13.00	-12.67	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

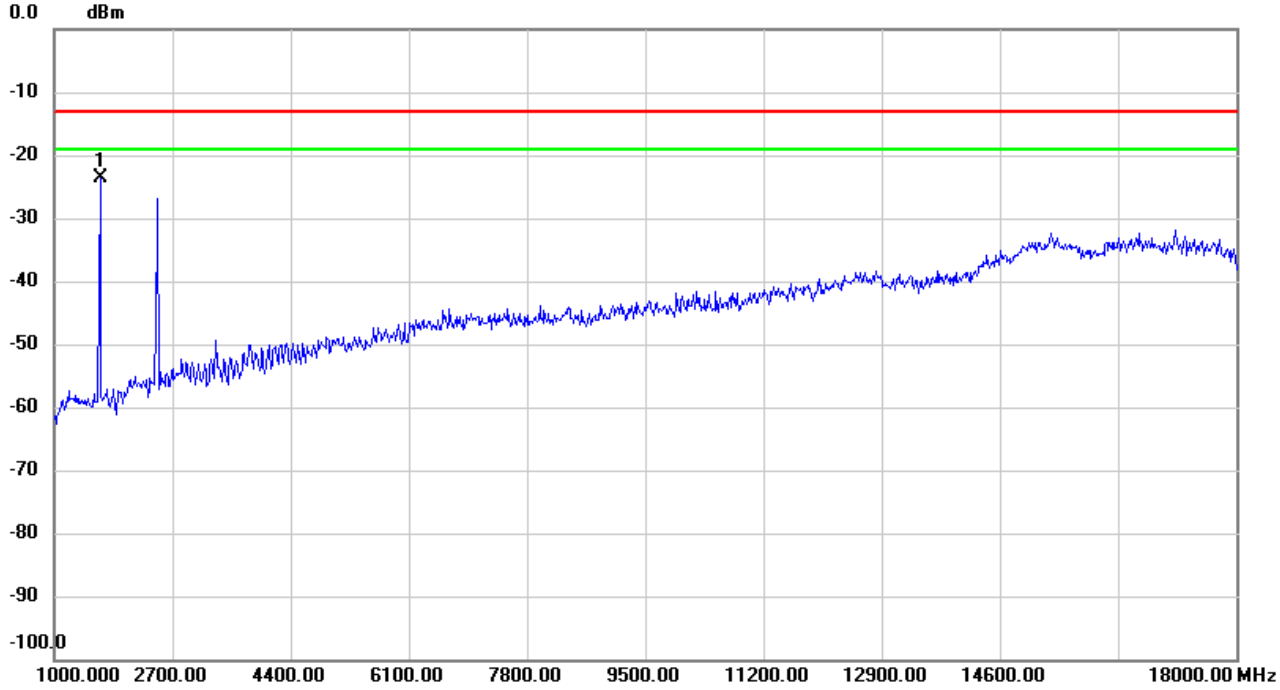
Test Mode	LTE Band 26	Test Date	2025/11/6
Test Channel	CH26865	Polarization	Horizontal
Temp	26°C	Hum.	63%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1649.967	-27.39	5.43	-21.96	-13.00	-8.96	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

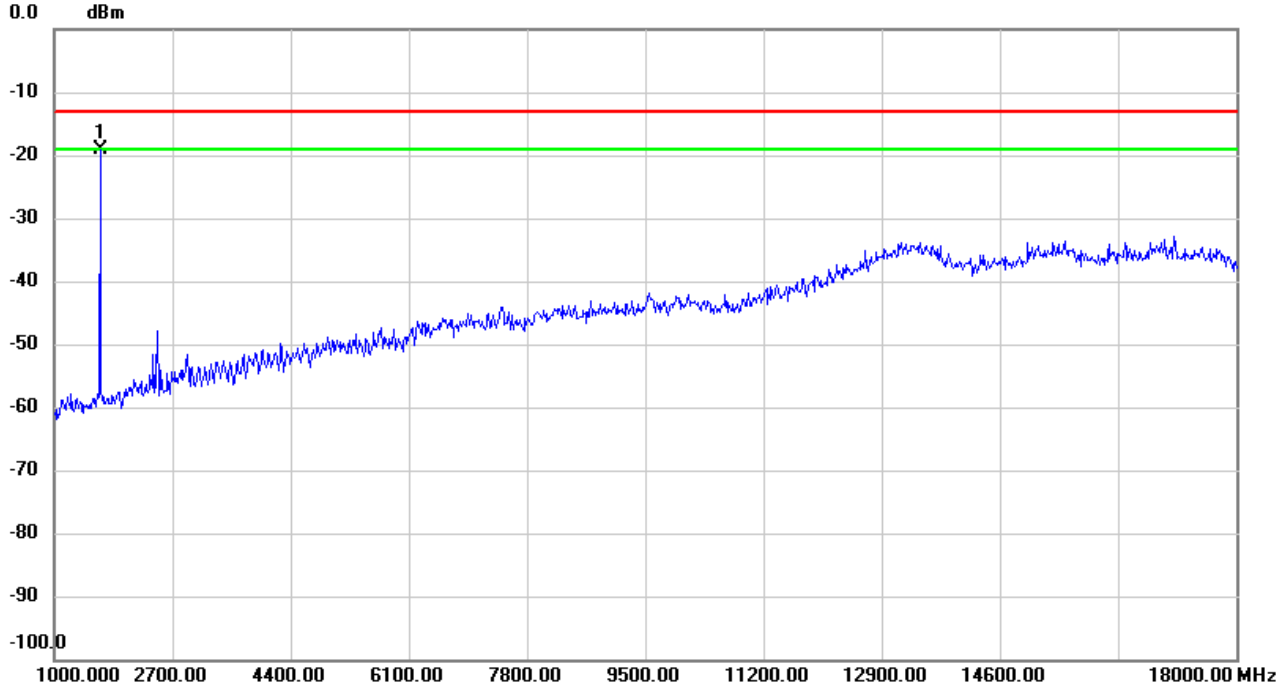
Test Mode	LTE Band 26	Test Date	2025/11/6
Test Channel	CH26915	Polarization	Vertical
Temp	26°C	Hum.	63%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1660.167	-29.48	5.75	-23.73	-13.00	-10.73	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

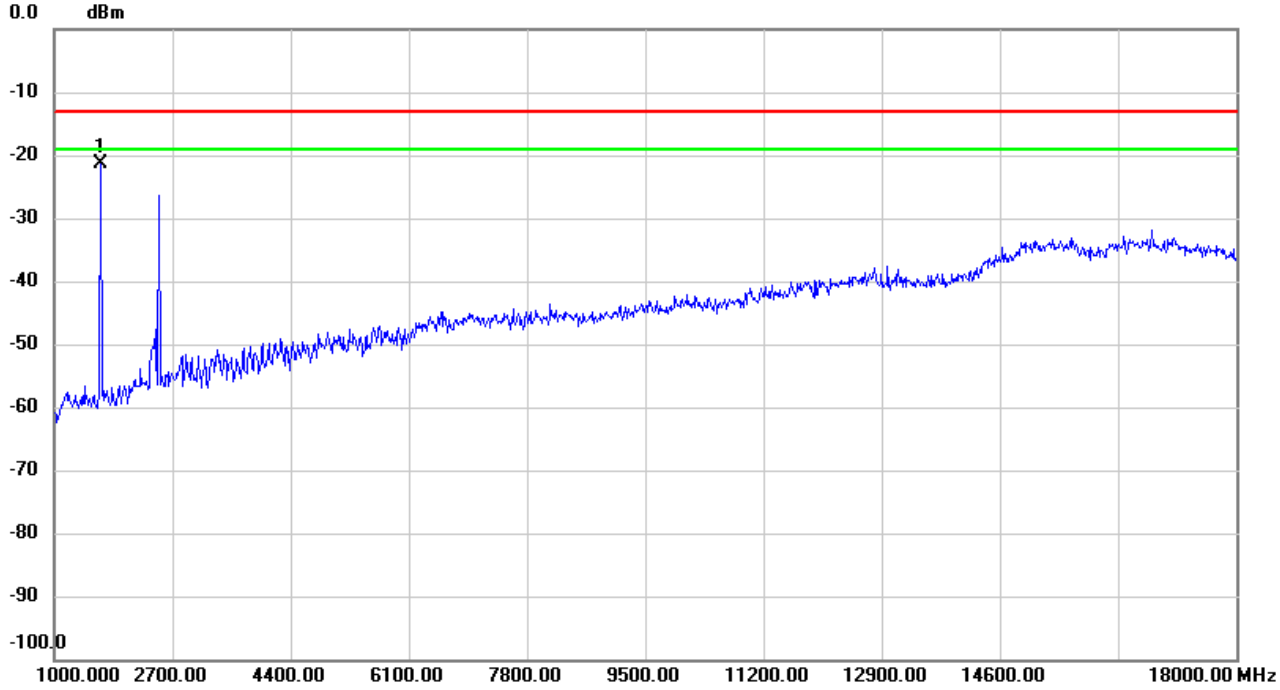
Test Mode	LTE Band 26	Test Date	2025/11/6
Test Channel	CH26915	Polarization	Horizontal
Temp	26°C	Hum.	63%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1659.600	-24.57	5.45	-19.12	-13.00	-6.12	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

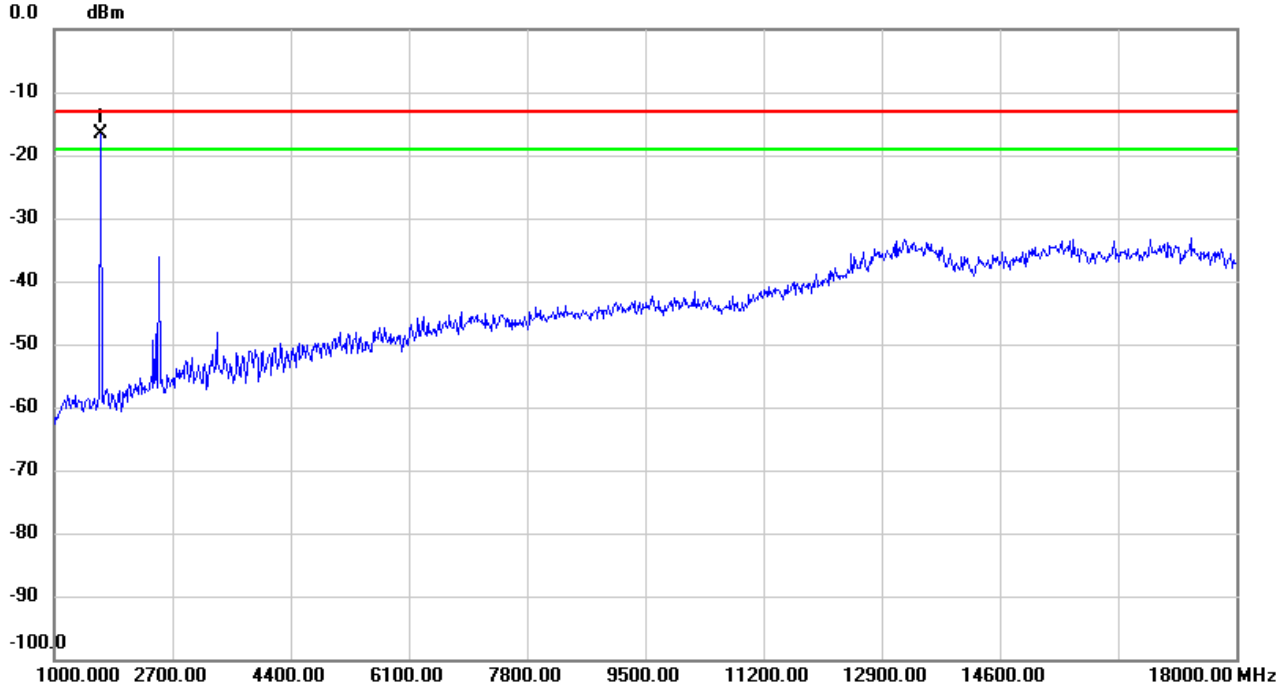
Test Mode	LTE Band 26	Test Date	2025/11/6
Test Channel	CH26965	Polarization	Vertical
Temp	26°C	Hum.	63%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1669.800	-27.06	5.76	-21.30	-13.00	-8.30	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 26	Test Date	2025/11/6
Test Channel	CH26965	Polarization	Horizontal
Temp	26°C	Hum.	63%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1669.800	-22.10	5.48	-16.62	-13.00	-3.62	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

End of Test Report