

**ELECTROMAGNETIC EMISSIONS
COMPLIANCE REPORT**

EUT Description: Notebook Computer
Applicant: HP Inc.
1501 PAGE MILL ROAD PALO ALTO, CA 94304 USA
Manufacturer: HP Inc.
1501 PAGE MILL ROAD PALO ALTO, CA 94304 USA
Brand Name: HP
Model No. HSN-I70C
Report Number: TERF2605001806ER
FCC ID B94HNI70CBVN
Date of EUT Received: May 21, 2026
Date of Test: May 25, 2026 ~ July 13, 2026
Issue Date: July 20, 2026

Approved By

Marcus Tseng

We hereby certify that:

The above equipment was tested by SGS Taiwan Ltd. Central RF Lab The test data, data evaluation, test procedures, And equipment configurations shown In this report were made In accordance With the procedures given In ANSI C63.26:2015 And the energy emitted by the sample EUT comply With FCC Part2, 96E.

The results of this report relate only to the sample identified in this report.

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Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TERF2605001806ER	00	Original	July 20, 2026	Candice Li	

Note:

- 1、The remark "" indicates modification of the report upon requests from certification body.

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1 GENERAL PRODUCT INFORMATION

1.1 Equipment Under Test (EUT)

EUT Description	Notebook Computer
Brand Name	HP
Model No.	HSN-I70C
EUT Series No.	00067707Y1
Power Supply	11.7 Vdc from Battery 5 / 9 / 15 / 20 / 28 / 36 Vdc from AC/DC Adapter with 110~240V AC input.
Integrated WWAN Module:	Brand Name: COMPAL Model Name: RMM-G4
Test Software (Name/Version)	Connected with callbox

1.2 Antenna Designation

Antenna Type	Supplier	Antenna Model No.	NB / TB Mode	Antenna No.	Remark
PIFA	Vendor 1	6036B0402101 (260-23861)	NB	Ant5	Ant0
		6036B0402801 (260-23863)	NB	Ant8	Ant1
PIFA	Vendor 2	6036B0403001 (81EACC15.G65)	NB	Ant5	Ant2
		6036B0402501 (81EACC15.G67)	NB	Ant8	Ant3
Note: Transmission frequencies in this test report are only available by the above antenna(s).					

LTE Band	Frequency Range (MHz)	Ant0 Antenna Gain (dBi)	Ant1 Antenna Gain (dBi)	Ant2 Antenna Gain (dBi)	Ant3 Antenna Gain (dBi)
LTE Band 48	3550~3700	-1.16	-1.1	-2.69	0.51
n48	3550~3700	-1.16	-1.1	-2.69	0.51

Note: The antenna information is provided by the applicant, and the laboratory shall not be held liable for the accuracy, completeness, or reliability of any applicant-supplied data.

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1.3 Operating Frequencies

LTE

Band	Bandwidth(MHz)	Low Frequency (MHz)	Upper Frequency (MHz)
LTE BAND 48-96	15.0	3557.50	3692.50

ULCA

E-UTRA Intra-Band CA configuration / Bandwidth combination set			
E-UTRA CA configuration	Component carriers in order of increasing carrier frequency Channel bandwidth for PCC and SCC [MHz]		Maximum aggregated bandwidth [MHz]
LTE BAND 48C	20+5		25
Band	Bandwidth(MHz)	Low Frequency (MHz)	Upper Frequency (MHz)
LTE BAND 48C	25.0	3560.00	3696.70

FR1

Band	Bandwidth(MHz)	Low Frequency (MHz)	Upper Frequency (MHz)
5G NR n48	15.0	3557.52	3692.49

ULCA

E-UTRA Intra-Band CA configuration / Bandwidth combination set			
E-UTRA CA configuration	Component carriers in order of increasing carrier frequency Channel bandwidth for PCC and SCC [MHz]		Maximum aggregated bandwidth [MHz]
NR BAND 48C	40+90		130
Band	Bandwidth(MHz)	Low Frequency (MHz)	Upper Frequency (MHz)
NR BAND 48C	130.0	3570.00	3654.99

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1.4 Type of Emission & Max ERP/EIRP Power Measurement Result

LTE

Band	Technology (GSM, CDMA, etc...)	Frequency		Conducted Power (dBm)	Conducted Power (W)	ERP/EIRP (dBm)	ERP/EIRP (W)	Optional
		Min (MHz)	Max (MHz)					
LTE B48-96	QPSK	3557.5	3692.5	21.55	0.143	22.06	0.161	Part96
LTE B48-96	16QAM	3557.5	3692.5	20.75	0.119	21.26	0.134	Part96

ULCA

Band	Technology (GSM, CDMA, etc...)	Frequency		Conducted Power (dBm)	Conducted Power (W)	ERP/EIRP (dBm)	ERP/EIRP (W)	Optional
		Min (MHz)	Max (MHz)					
LTE B48C	QPSK	3560.0	3696.7	20.50	0.112	21.01	0.126	Part96
LTE B48C	16QAM	3560.0	3696.7	20.15	0.104	20.66	0.116	Part96

FR1

Band	Technology (GSM, CDMA, etc...)	Frequency		Conducted Power (dBm)	Conducted Power (W)	ERP/EIRP (dBm)	ERP/EIRP (W)	Optional
		Min (MHz)	Max (MHz)					
n48	DFT-s P/2 BPSK	3557.5	3692.5	19.17	0.083	19.68	0.093	Part96
n48	DFT-s 16QAM	3557.5	3692.5	18.66	0.073	19.17	0.083	Part96

ULCA

Band	Technology (GSM, CDMA, etc...)	Frequency		Conducted Power (dBm)	Conducted Power (W)	ERP/EIRP (dBm)	ERP/EIRP (W)	Optional
		Min (MHz)	Max (MHz)					
NR BAND 48C	BPSK	3570.00	3654.99	19.16	0.082	19.67	0.093	Part96
NR BAND 48C	16QAM	3570.00	3654.99	18.59	0.072	19.10	0.081	Part96

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1.5 EUT Availability and The Worst Test Modes

1. Pre-Scan has been conducted to determine the worst-case scenario from all possible combinations among available modulations, data rates and antenna ports, the worst case configurations listed below for the final test.
2. The field strength of radiated emission was measured as the EUT positioned in different orthogonal planes (E1/E2/H) based on actual usage of the EUT to pre-scan the emissions for determining the worst case scenario.

LTE

LTE Band 48							
Test Item	Available Channel	Tested Channel	BW(MHz)	Modulation	RB Size 1RB	RB Size Half RB	RB Size Full RB
Max. OutPut Power	55315 to 56665	55315, 56040, 56665	15	QPSK, 16QAM, 64QAM, 256QAM	V	V	V
	55315 to 56665	55315, 56040, 56665	15		-	-	V
Radiated Spurious Emission	55315 to 56665	55315, 56040, 56665	15	QPSK	V	-	-

E-UTRA Band	Test Channel	Channel Bandwidth (MHz)	Modulation	Resource Block Allocation	
				RBs allocated	RB Offset
48	55315	15	QPSK	1	0
48	56040	15	QPSK	1	0
48	56665	15	QPSK	1	0

ULCA

LTE Band 48C								
Test Item	Available Channel	Tested Channel			BW(MHz)	Modulation	RB Size 1RB+1RB	RB Size Full RB+Full RB
		Low	Mid	High				
Max. OutPut Power	55340 to 56707	V	V	V	25	QPSK, 16QAM, 64QAM, 256QAM	V	V
Radiated Spurious Emission	55340 to 56707	V	V	V	25	QPSK	V	-

E-UTRA Band	Test Channel	Channel Bandwidth (MHz)	Modulation	Resource Block Allocation	
				RBs allocated	RB Offset
48C	55340_55457	20_5	BPSK	1_99	1_0
48C	55965_56082	20_5	BPSK	1_99	1_0
48C	56590_56707	20_5	BPSK	1_99	1_0

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5G NR Band n48	Test Channel			BW(MHz)	Modulation	RB allocation			
Test Item	Low	Mid	High			Edge 1RB	Inner 1RB	Inner Full RB	Outer Full RB
Max. OutPutPower	V	V	V	15	DFT-s-OFDM BPSK,QPSK,16QAM,64QAM, 256QAM	-	V	V	V
Radiated Spurious Emission	V	V	V	15	DFT-s-OFDM BPSK	-	V	-	-

5G NR Band	SCS	Test Channel	Channel Bandwidth (MHz)	Modulation	Resource Block Allocation	
					RBs allocated	RB Offset
n48	30K	637168	15	DFT-s PI/2 BPSK	1	1
n48	30K	641668	15	DFT-s PI/2 BPSK	1	1
n48	30K	646166	15	DFT-s PI/2 BPSK	1	1

ULCA

NR BAND 48C								
Test Item	Available Channel	Tested Channel			BW(MHz)	Modulation	RB Size 1RB+1RB	RB Size Full RB+Full RB
		Low	Mid	High				
Max. OutPut Power	638000 to 643666	V	V	V	130	DFT-s-OFDM BPSK,QPSK,16QAM,64 QAM,256QAM	V	V
Radiated Spurious Emission	638000 to 643666	V	V	V	130	DFT-s-OFDM BPSK	V	-

5G NR Band	SCS	Test Channel	Channel Bandwidth (MHz)	Modulation	Resource Block Allocation	
					RBs allocated	RB Offset
n48C	30K	638000_642320	40_90	DFT-s PI/2 BPSK	20_86	150_0
n48C	30K	638666_642986	40_90	DFT-s PI/2 BPSK	20_86	150_0
n48C	30K	639346_643666	40_90	DFT-s PI/2 BPSK	20_86	150_0

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2 SUMMARY OF TEST RESULTS

FCC Rules	Description Of Test	Result
§2.1046(a)	RF Power Output	Compliant
§96.41(b)	ERP/ EIRP measurement	Compliant
§2.1049(h)	99% & 26dB Occupied Bandwidth	Note 1
§96.41(e)(2)	Out of Band Emissions at Antenna Terminals and Band Edge / Emission mask requirements	Note 1
§96.41(e)(2)	Field Strength of Spurious Radiation	Compliant
§96.41(g)	Peak to Average Ratio	Note 1
§2.1055(a)(1)	Frequency Stability	Note 1

Note

1. This report is a supplementary report, RF module (FCC ID: GKRRMMG4) installed to the EUT, the module RF conducted port test results will be submitted as a part of the report for device certification, for more details please refer to declaration letter exhibit.

2.1 Test Methodology of Applied Standards

1. FCC 47 CFR Part 2, Part 96E
2. ANSI C63.26:2015
3. FCC KDB 971168 D01 Power Meas License Digital System v03r01
4. FCC KDB 412172 D01 Determining ERP and EIRP v01r01

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2.2 Measurement Uncertainty

Test Items	Uncertainty
Power Density	+/- 0.61 dB
Output Power measurement	+/- 0.97 dB
ERP/ EIRP measurement	+/- 2.15 dB
Emission Bandwidth	+/- 1.38 Hz
Out of Band Emissions at Antenna Terminals and Band Edge	+/- 0.77 dB
Peak to Average Ratio	+/- 0.97 dB
Frequency Stability vs. Temperature	+/- 1.48 Hz
Frequency Stability vs. Voltage	+/- 1.48 Hz
Temperature	+/- 0.60 °C
Humidity	+/- 3.00 %
DC / AC Power Source	+/- 1.00 %

Radiated Spurious Emission Measurement Uncertainty		
Polarization: Vertical	+/- 1.89 dB	9kHz - 30MHz
	+/- 4.10 dB	30MHz - 1000MHz
	+/- 3.41 dB	1GHz - 18GHz
	+/- 3.89 dB	18GHz - 40GHz
Polarization: Horizontal	+/- 1.89 dB	9kHz - 30MHz
	+/- 4.10 dB	30MHz - 1000MHz
	+/- 3.41 dB	1GHz - 18GHz
	+/- 3.89 dB	18GHz - 40GHz
Radiated Spurious Emission	+/- 2.00 dB	33GHz - 50GHz
	+/- 1.59 dB	50GHz - 60GHz
	+/- 1.71 dB	60GHz - 90GHz
	+/- 1.64 dB	90GHz - 140GHz
	+/- 3.84 dB	140GHz - 220GHz

Note

1. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k=2$.
2. The conformity assessment statement in this report is based solely on the test results, measurement uncertainty is excluded.

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2.3 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designation number / Registration Number	IC CAB identifier / Company Number
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan 24803	SAC 1 / SAC 2 / SAC 3 Conduction 1 / Conducted 1 Conducted 2 / Conducted 3 Conducted 4 / Conducted 5 Conducted 6 / FAC 1	TW0027 / 891563	TW3702 / 4620A
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	No.2, Keji 1st Rd, Guishan District, Taoyuan City, Taiwan 333	SAC C / SAC D / SAC G Conduction C/ Conducted A Conducted B / Conducted C Conducted D / Conducted E Conducted F / Conducted G FAC A	TW0028 / 200037	TW3702 / 4620E

LTE

Measurement	Test Site Name	Test Engineer	EUT S/N	Test Environment	Test Date
Conducted	Conducted 3	Edward Chen	00067707Y1	25~28°C / 55~57%	2026/06/04 ~ 2026/07/13
Radiated	SAC 1	WJ Lin	00067707Y1	25.8~28.1°C / 59~67%	2026/07/01 ~ 2026/07/06

ULCA

Measurement	Test Site Name	Test Engineer	EUT S/N	Test Environment	Test Date
Conducted	Conducted 3	Brian Wang	00067707Y1	21~25°C / 50~55%	2026/06/04 ~ 2026/07/13
Radiated	SAC 3	WJ Lin	00067707Y1	24~24.5°C / 55~60%	2026/07/012 ~ 2026/07/12

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NR

Measurement	Test Site Name	Test Engineer	EUT S/N	Test Environment	Test Date
Conducted	Conducted 4	Thomas Wei	00067707Y1	20~25°C / 51~56%	2026/06/04 ~ 2026/07/09
Radiated	SAC 1	WJ Lin	00067707Y1	25.8~28.1°C / 58~66%	2026/07/03 ~ 2026/07/07

ULCA

Measurement	Test Site Name	Test Engineer	EUT S/N	Test Environment	Test Date
Conducted	Conducted 4	Thomas Wei	00067707Y1	25~28°C / 55~57%	2026/06/04 ~ 2026/07/09
Radiated	SAC 3	WJ Lin	00067707Y1	23.5~24°C / 55~60%	2026/07/12 ~ 2026/07/12

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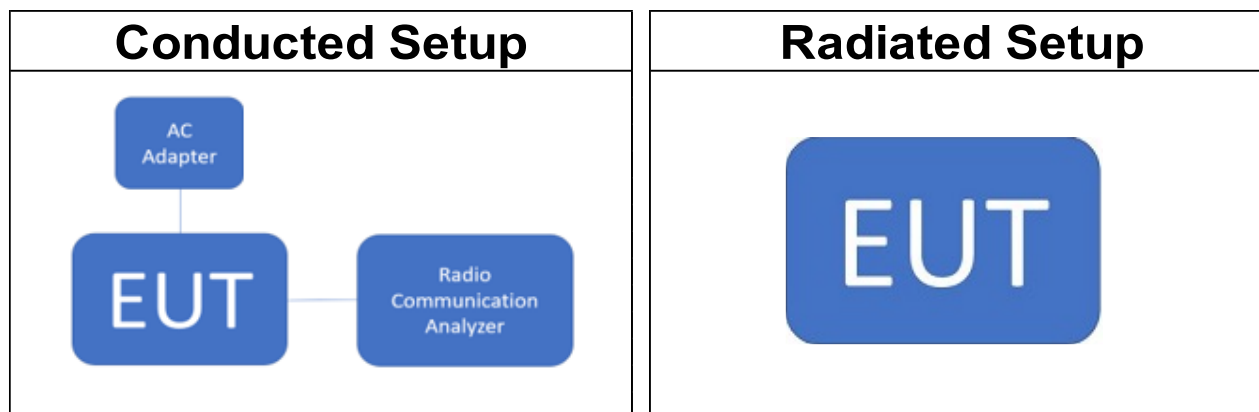
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3 CONTROL UNIT(S) AND PERIPHERAL(S)

3.1 EUT Exercise

1. The EUT (Transmitter) was operated in the continuous transmission mode employed with the simulator of the Base Station that fixates at test default channels to fix the Tx frequency which was for the purpose of the measurements.
2. The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuation factor between EUT conducted port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly EUT RF output level. The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

3.2 Diagrams



3.3 List

3.3.1 Conducted Setup

LTE / ULCA

Conducted Emission Test Site: Conducted 3					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
AC Adapter	HP	TPN-OA13	P84998-009	N/A	N/A

NR / ULCA

Conducted Emission Test Site: Conducted 4					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
AC Adapter	HP	TPN-OA13	P84998-009	N/A	N/A

3.3.2 Radiated Setup

N/A

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4 MEASUREMENT EQUIPMENT USED

4.1 Conducted Measurement

LTE / ULCA

Conducted Emission Test Site: Conducted 3					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Radio Communication Analyzer	Anritsu	MT8821C	6262044751	11/14/2025	11/13/2026

NR / ULCA

Conducted Emission Test Site: Conducted 4					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Radio Communication Analyzer	KEYSIGHT	E7515B	MY59321566	03/03/2026	03/02/2027

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4.2 Radiated Measurement

LTE

Radiated Emission Test Site: SAC 1					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
4G High Pass Filter	WI	WHKX4.0	22	12/07/2025	12/06/2026
Band Reject Filter 3300-3800	Titan	T04N3300380050S0 1	23040703-14	12/07/2025	12/06/2026
Bi-log Antenna	SCHWARZBECK	VULB9168	1208	07/22/2025	07/21/2026
Bi-log Antenna	TESEO	CBL 6112D	35242 & AT-N0555	12/23/2025	12/22/2026
Coaxial Cable	EMCI	EMC104-SM-SM- 8000+EMC106-SM- SM-7600	RX Cable 9K- 18G(160125+150817)	07/14/2025	07/13/2026
Coaxial Cables	Huber Suhner	SUCOFLEX 102	RX Cable 18G-40G MY2630/2+805062/ 2	07/14/2025	07/13/2026
Coaxial Cables	Huber Suhner	SUCOFLEX 102	TX Cable 25M-40G 805068/2	07/14/2025	07/13/2026
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY60242081	10/29/2025	10/28/2026
Horn Antenna	RF SPIN	DRH0844	LE2D05A0844	08/07/2025	08/06/2026
Horn Antenna	SCHWARZBECK	BBHA9120D	603	05/19/2026	05/18/2027
Horn Antenna	SCHWARZBECK	BBHA9120D	D803	01/23/2026	01/22/2027
Horn Antenna	SCHWARZBECK	BBHA9170	184	12/31/2025	12/30/2026
Network Analyzer	Anritsu	MS4644A	1216312	01/06/2026	01/05/2027
Pre-Amplifier	EMCI	EMC118A45SEE	980933	07/14/2025	07/13/2026
Pre-Amplifier	EMCI	EMC184045SEE	980939	07/14/2025	07/13/2026
Pre-Amplifier	HP	8447D	2944A09469	07/14/2025	07/13/2026
Radio Communication Analyzer	Anritsu	MT8821C	6262044670	08/18/2025	08/17/2026
Site Cal	SGS	SAC 1	N/A	07/14/2025	07/13/2026
Test Software	Audix	e3	Ver. 9.210616	N.C.R	N.C.R

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Radiated Emission Test Site: SAC 3					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Bi-log Antenna	SCHWARZBECK	VULB9168	1208	07/22/2025	07/21/2026
Bi-log Antenna	SCHWARZBECK	VULB9168	378	08/21/2025	08/20/2026
4G High Pass Filter	WI	WHKX4.0	22	12/07/2025	12/06/2026
Band Reject Filter 3300-3800	Titan	T04N3300380050S0 1	23040703-14	12/07/2025	12/06/2026
Coaxial Cables	EMCI+Huber Suhner	EMC107-SM-SM- 1000 +SUCOFLEX 104PEA +EMC107-SM-SM- 1500 +SUCOFLEX 106	RX Cable 9K-18G (221110+MY4251/4 PEA+221106+76096 /6)	07/14/2025	07/13/2026
Coaxial Cables	Huber Suhner	SUCOFLEX 102	RX Cable 18G-40G MY2630/2+805062/ 2	07/14/2025	07/13/2026
Coaxial Cables	Huber Suhner	SUCOFLEX 102	TX Cable 25M-40G 805068/2	07/14/2025	07/13/2026
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY63440386	02/23/2026	02/22/2027
Horn Antenna	RF SPIN	DRH0844	LE2D05A0844	08/07/2025	08/06/2026
Horn Antenna	SCHWARZBECK	BBHA9120D	1441	10/03/2025	10/02/2026
Horn Antenna	SCHWARZBECK	BBHA9120D	603	05/19/2026	05/18/2027
Horn Antenna	SCHWARZBECK	BBHA9170	184	12/31/2025	12/30/2026
Pre-Amplifier	EMCI	EMC118A45SEE	980868	07/14/2025	07/13/2026
Pre-Amplifier	EMCI	EMC184045SEE	980939	07/14/2025	07/13/2026
Pre-Amplifier	HP	8447D	2944A07676	07/14/2025	07/13/2026
Site Cal	SGS	SAC 3	N/A	07/14/2025	07/13/2026
Radio Communication Test Station	Anritsu	MT8000A	6262036842	12/29/2025	12/28/2026
Test Software	Audix	e3	Ver. 9.210616	N.C.R	N.C.R

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Radiated Emission Test Site: SAC 1					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
4G High Pass Filter	WI	WHKX4.0	22	12/07/2025	12/06/2026
Band Reject Filter 3300-3800	Titan	T04N3300380050S0 1	23040703-14	12/07/2025	12/06/2026
Bi-log Antenna	SCHWARZBECK	VULB9168	1208	07/22/2025	07/21/2026
Bi-log Antenna	TESEO	CBL 6112D	35242 & AT-N0555	12/23/2025	12/22/2026
Coaxial Cable	EMCI	EMC104-SM-SM- 8000+EMC106-SM- SM-7600	RX Cable 9K- 18G(160125+150817)	07/14/2025	07/13/2026
Coaxial Cables	Huber Suhner	SUCOFLEX 102	RX Cable 18G-40G MY2630/2+805062/ 2	07/14/2025	07/13/2026
Coaxial Cables	Huber Suhner	SUCOFLEX 102	TX Cable 25M-40G 805068/2	07/14/2025	07/13/2026
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY60242081	10/29/2025	10/28/2026
Horn Antenna	RF SPIN	DRH0844	LE2D05A0844	08/07/2025	08/06/2026
Horn Antenna	SCHWARZBECK	BBHA9120D	603	05/19/2026	05/18/2027
Horn Antenna	SCHWARZBECK	BBHA9120D	D803	01/23/2026	01/22/2027
Horn Antenna	SCHWARZBECK	BBHA9170	184	12/31/2025	12/30/2026
Network Analyzer	Anritsu	MS4644A	1216312	01/06/2026	01/05/2027
Pre-Amplifier	EMCI	EMC118A45SEE	980933	07/14/2025	07/13/2026
Pre-Amplifier	EMCI	EMC184045SEE	980939	07/14/2025	07/13/2026
Pre-Amplifier	HP	8447D	2944A09469	07/14/2025	07/13/2026
Radio Communication Analyzer	KEYSIGHT	E7515B	MY59321566	03/03/2026	03/02/2027
Site Cal	SGS	SAC 1	N/A	07/14/2025	07/13/2026
Test Software	Audix	e3	Ver. 9.210616	N.C.R	N.C.R

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Radiated Emission Test Site: SAC 3					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL. (mm/dd/yyyy)	CAL DUE. (mm/dd/yyyy)
Bi-log Antenna	SCHWARZBECK	VULB9168	1208	07/22/2025	07/21/2026
Bi-log Antenna	SCHWARZBECK	VULB9168	378	08/21/2025	08/20/2026
4G High Pass Filter	WI	WHKX4.0	22	12/07/2025	12/06/2026
Band Reject Filter 3300-3800	Titan	T04N3300380050S0 1	23040703-14	12/07/2025	12/06/2026
Coaxial Cables	EMCI+Huber Suhner	EMC107-SM-SM- 1000 +SUCOFLEX 104PEA +EMC107-SM-SM- 1500 +SUCOFLEX 106	RX Cable 9K-18G (221110+MY4251/4 PEA+221106+76096 /6)	07/14/2025	07/13/2026
Coaxial Cables	Huber Suhner	SUCOFLEX 102	RX Cable 18G-40G MY2630/2+805062/ 2	07/14/2025	07/13/2026
Coaxial Cables	Huber Suhner	SUCOFLEX 102	TX Cable 25M-40G 805068/2	07/14/2025	07/13/2026
EXA Spectrum Analyzer	KEYSIGHT	N9010B	MY63440386	02/23/2026	02/22/2027
Horn Antenna	RF SPIN	DRH0844	LE2D05A0844	08/07/2025	08/06/2026
Horn Antenna	SCHWARZBECK	BBHA9120D	1441	10/03/2025	10/02/2026
Horn Antenna	SCHWARZBECK	BBHA9120D	603	05/19/2026	05/18/2027
Horn Antenna	SCHWARZBECK	BBHA9170	184	12/31/2025	12/30/2026
Pre-Amplifier	EMCI	EMC118A45SEE	980868	07/14/2025	07/13/2026
Pre-Amplifier	EMCI	EMC184045SEE	980939	07/14/2025	07/13/2026
Pre-Amplifier	HP	8447D	2944A07676	07/14/2025	07/13/2026
Site Cal	SGS	SAC 3	N/A	07/14/2025	07/13/2026
Radio Communication Test Station	Anritsu	MT8000A	6262036842	12/29/2025	12/28/2026
Test Software	Audix	e3	Ver. 9.210616	N.C.R	N.C.R

NOTE: N.C.R refers to Not Calibrated Required.

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5 REGULATORY REQUIREMENTS

5.1 Maximum Output Power

§96.41(b)

Power limits. Unless otherwise specified in this section, the maximum effective isotropic radiated power (EIRP) and maximum Power Spectral Density (PSD) of any CBSD and End User Device must comply with the limits shown in the table in this paragraph (b):

Device	Maximum EIRP (dBm/10 megahertz)	Maximum PSD (dBm/MHz)
End User Device	23	n/a
Category A CBSD	30	20
Category B CBSD ¹	47	37

¹ Category B CBSDs will only be authorized for use after an ESC is approved and commercially deployed consistent with §§ 96.15 and 96.67.

5.2 Field Strength Of Spurious Radiation

§96.41(e)(2)

Additional protection levels. Notwithstanding paragraph (e)(1) of this section, for CBSDs and End User Devices, the conducted power of emissions below 3540 MHz or above 3710 MHz shall not exceed -25 dBm/MHz, and the conducted power of emissions below 3530 MHz or above 3720 MHz shall not exceed -40dBm/MHz

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6 TEST CONFIGURATION

6.1 Maximum Output Power



The transmitter output was connected to a calibrated attenuator, the other end of which was connected to a power meter. Transmitter output was read off the power meter in dBm. The power output at the transmitter antenna port was determined by adding the value of the attenuator to the power meter reading.

KDB 971168 D01 Power Meas License Digital System as the supplemental test methodology to adjust the proper setting obtaining the measurement results.

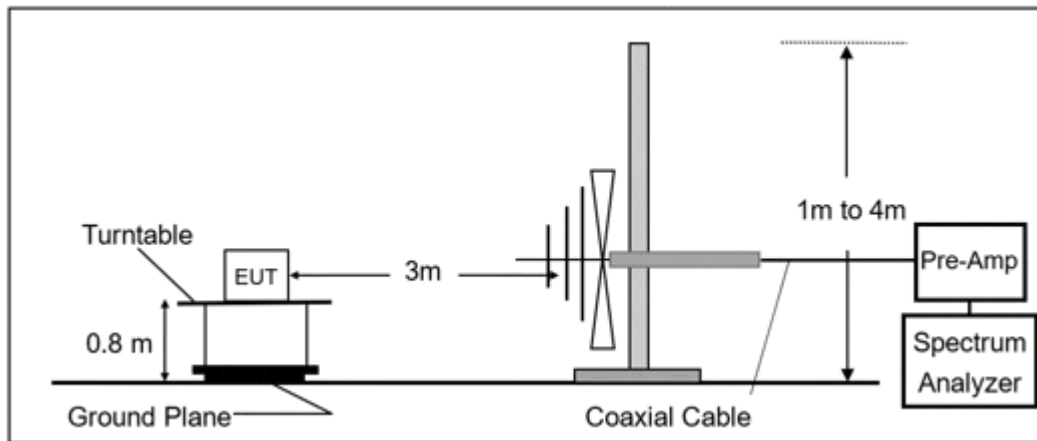
6.2 Field Strength Of Spurious Radiation

For Measurements From 9 kHz To 30 MHz

Radiated emission below 30MHz is measured in a 9m*6m*6m semi-anechoic chamber, the measurements correspond to those obtained at an open-field test site.

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

Radiated Emission Test Set-Up, Frequency From 30MHz to 1000MHz.



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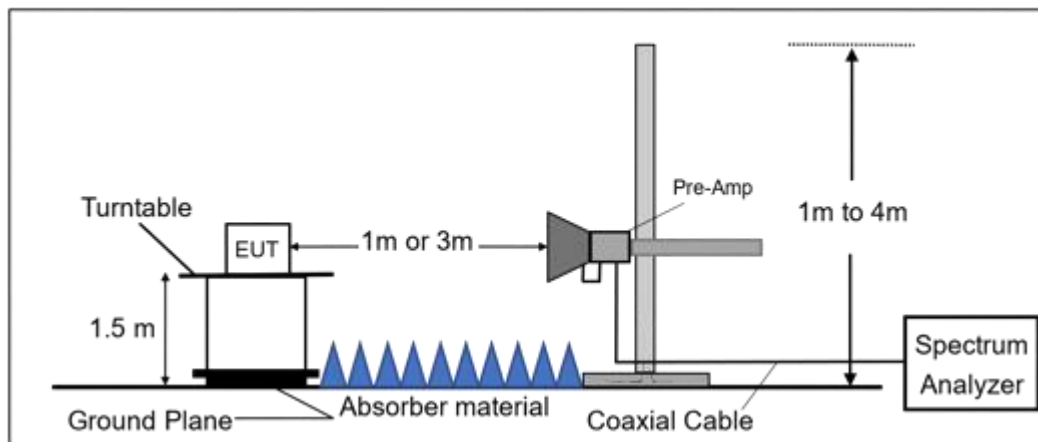
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Radiated Emission Test Set-Up, Frequency Above 1GHz.



The Equipment Under Test (EUT) was positioned on a non-conductive turntable that rotates 360 degrees. The receiving antenna was placed 3 meters from the EUT, with height varied between 1-4 meters to maximize emission detection.

To identify maximum emission levels, the following parameters were optimized:

EUT azimuth angle through 360-degree rotation

EUT orientation in three orthogonal axes

Antenna height (1-4 meters)

Antenna polarization (horizontal and vertical)

For frequencies above 1 GHz, measurements were conducted with the antenna maintained within the 3dB illumination bandwidth and pointed toward the EUT in both azimuth and elevation angles.

The frequency range extending to the tenth harmonic was investigated for three fundamental frequencies (low, middle, and high channels). Spurious emissions were identified and their power levels determined using the substitution method. The spurious emission attenuation was calculated as the difference between the radiated power at the fundamental frequency and the spurious emission frequency.

$ERP \text{ (dBm)} = SG \text{ Level(dBm)} + \text{Antenna Gain(dBd)} + \text{Cable Loss(dB)}$

$EIRP \text{ (dBm)} = SG \text{ Level(dBm)} + \text{Antenna Gain(dBi)} + \text{Cable Loss(dB)}$

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7 TEST RESULTS

7.1 Maximum Output Power

7.1.1 ERP/EIRP

LTE

Antenna gain (dBi)		0.51							
LTE Band 48_Uplink frequency band : 3550 to 3700 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm/10MHz)	EIRP Average (dBm/10MHz)	EIRP Limit (dBm/10MHz)	Margin (dBm/10MHz)
15	55315	3557.5	QPSK	1	0	21.55	22.06	23	-0.94
				1	74	21.54	22.05	23	-0.95
				36	18	20.63	21.14	23	-1.86
				75	0	20.41	20.92	23	-2.08
	56040	3630.0	QPSK	1	0	21.10	21.61	23	-1.39
				1	74	21.16	21.67	23	-1.33
				36	18	20.70	21.21	23	-1.79
				75	0	20.71	21.22	23	-1.78
	56665	3692.5	QPSK	1	0	21.32	21.83	23	-1.17
				1	74	21.33	21.84	23	-1.16
				36	18	21.26	21.77	23	-1.23
				75	0	21.50	22.01	23	-0.99
15	55315	3557.5	16QAM	1	0	20.44	20.95	23	-2.05
				1	74	20.13	20.64	23	-2.36
				36	18	19.54	20.05	23	-2.95
				75	0	19.60	20.11	23	-2.89
	56040	3630.0	16QAM	1	0	20.75	21.26	23	-1.74
				1	74	20.71	21.22	23	-1.78
				36	18	19.69	20.20	23	-2.80
				75	0	19.70	20.21	23	-2.79
	56665	3692.5	16QAM	1	0	20.49	21.00	23	-2.00
				1	74	20.59	21.10	23	-1.90
				36	18	19.32	19.83	23	-3.17
				75	0	19.28	19.79	23	-3.21
15	55315	3557.5	64QAM	1	0	19.56	20.07	23	-2.93
				1	74	19.55	20.06	23	-2.94
				36	18	18.52	19.03	23	-3.97
				75	0	18.51	19.02	23	-3.98
	56040	3630.0	64QAM	1	0	19.74	20.25	23	-2.75
				1	74	19.72	20.23	23	-2.77
				36	18	18.74	19.25	23	-3.75
				75	0	18.77	19.28	23	-3.72
	56665	3692.5	64QAM	1	0	19.56	20.07	23	-2.93
				1	74	19.26	19.77	23	-3.23
				36	18	18.54	19.05	23	-3.95
				75	0	18.49	19.00	23	-4.00
15	55315	3557.5	256QAM	1	0	18.29	18.80	23	-4.20
				1	74	18.20	18.71	23	-4.29
				36	18	17.34	17.85	23	-5.15
				75	0	17.39	17.90	23	-5.10
	56040	3630.0	256QAM	1	0	18.50	19.01	23	-3.99
				1	74	18.45	18.96	23	-4.04
				36	18	17.56	18.07	23	-4.93
				75	0	17.49	18.00	23	-5.00
	56665	3692.5	256QAM	1	0	18.20	18.71	23	-4.29
				1	74	18.10	18.61	23	-4.39
				36	18	17.34	17.85	23	-5.15
				75	0	17.40	17.91	23	-5.09

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ULCA

EIRP Limit (W/10MHz)			23	OUTPUT POWER FOR LTE BAND 48C (20MHz + 5MHz)										
Antenna Gain			0.51											
Bandwidth	PCC		SCC1		Modulation	PCC RB		SCC1 RB		Conducted Average (dBm/10MHz)			EIRP Average	EIRP Average
	Earfcn	MHz	Earfcn	MHz		Size	Offset	Size	Offset	PCC	SCC1	Total	(dBm/10MHz)	(W/10MHz)
20MHz+ 5MHz	55340	3560.0	55457	3571.7	QPSK	1	99	1	0	17.38	17.57	20.49	21.00	0.126
						100	0	25	0	15.38	15.63	18.52	19.03	0.080
	55965	3622.5	56082	3634.2		1	99	1	0	17.39	17.58	20.50	21.01	0.126
						100	0	25	0	15.23	15.62	18.44	18.95	0.079
	56590	3685.0	56707	3696.7		1	99	1	0	17.53	17.43	20.49	21.00	0.126
						100	0	25	0	15.60	15.44	18.53	19.04	0.080
20MHz+ 5MHz	55340	3560.0	55457	3571.7	16QAM	1	99	1	0	17.11	17.10	20.12	20.63	0.115
						100	0	25	0	14.29	14.69	17.50	18.01	0.063
	55965	3622.5	56082	3634.2		1	99	1	0	17.26	17.02	20.15	20.66	0.116
						100	0	25	0	14.49	14.49	17.50	18.01	0.063
	56590	3685.0	56707	3696.7		1	99	1	0	16.96	17.22	20.10	20.61	0.115
						100	0	25	0	14.76	14.42	17.60	18.11	0.065
20MHz+ 5MHz	55340	3560.0	55457	3571.7	64QAM	1	99	1	0	14.48	14.57	17.54	18.05	0.064
						100	0	25	0	14.79	14.27	17.55	18.06	0.064
	55965	3622.5	56082	3634.2		1	99	1	0	14.29	14.39	17.35	17.86	0.061
						100	0	25	0	14.80	14.15	17.50	18.01	0.063
	56590	3685.0	56707	3696.7		1	99	1	0	14.56	14.53	17.56	18.07	0.064
						100	0	25	0	14.72	14.40	17.57	18.08	0.064
20MHz+ 5MHz	55340	3560.0	55457	3571.7	256QAM	1	99	1	0	13.25	13.59	16.43	16.94	0.049
						100	0	25	0	13.58	13.60	16.60	17.11	0.051
	55965	3622.5	56082	3634.2		1	99	1	0	13.23	13.28	16.27	16.78	0.048
						100	0	25	0	13.52	13.61	16.58	17.09	0.051
	56590	3685.0	56707	3696.7		1	99	1	0	13.21	13.64	16.44	16.95	0.050
						100	0	25	0	13.52	13.46	16.50	17.01	0.050

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NR

5G NR Band n48_part96: 3550 to 3700 MHz					Conducted Average (dBm/10MHz)			EIRP (dBm/10MHz)		
Antenna Gain(dBi)		0.51			Channel (ARFCH)/ Frequency (MHz)			Channel (ARFCH)/ Frequency (MHz)		
EIRP Limit (dBm)		23dBm/10MHz			Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	637168	641668	646166	637168	641668	646166
					3557.52	3625.02	3692.49	3557.52	3625.02	3692.49
15	30	DFT-s PI/2 BPSK	1	1	18.87	18.81	19.17	19.38	19.32	19.68
			1	36	19.05	18.76	19.03	19.56	19.27	19.54
			18	9	18.90	19.16	19.07	19.41	19.67	19.58
			36	0	18.87	18.79	19.12	19.38	19.30	19.63
		DFT-s QPSK	1	1	18.38	18.22	18.16	18.89	18.73	18.67
			1	36	18.28	18.56	18.50	18.79	19.07	19.01
			18	9	18.34	18.37	18.59	18.85	18.88	19.10
			36	0	18.57	18.22	18.23	19.08	18.73	18.74
		DFT-s 16QAM	1	1	18.19	18.66	18.46	18.70	19.17	18.97
		DFT-s 64QAM	1	1	16.76	17.14	16.87	17.27	17.65	17.38
		DFT-s 256QAM	1	1	14.68	14.64	14.76	15.19	15.15	15.27

ULCA

5G NR Band n48C_part96 ULCA: 3550 to 3700 MHz							Conducted Average (dBm)			EIRP (dBm)		
Antenna Gain(dBi)		0.51	PCC RB		SCC RB		Total					
EIRP Limit (dBm/10MHz)		23					Low	Mid	High	Low	Mid	High
BW (MHz)	SCS (kHz)	Modulation	RB Allocation	RB Offset	RB Allocation	RB Offset						
40+90	30	DFT-s PI/2 BPSK	1	0	1	244	18.82	18.69	19.12	19.33	19.20	19.63
			1	105	1	0	18.91	19.16	18.87	19.42	19.67	19.38
			20	86	150	0	19.12	19.07	18.68	19.63	19.58	19.19
		DFT-s QPSK	1	0	1	244	18.64	18.23	18.24	19.15	18.74	18.75
			1	105	1	0	18.38	18.61	18.47	18.89	19.12	18.98
			20	86	150	0	18.64	18.49	18.30	19.15	19.00	18.81
		DFT-s 16QAM	1	0	1	244	18.54	18.48	18.30	19.05	18.99	18.81
			1	105	1	0	18.26	18.59	18.57	18.77	19.10	19.08
			20	86	150	0	18.47	18.51	18.31	18.98	19.02	18.82
		DFT-s 64QAM	20	86	150	0	17.12	16.82	16.74	17.63	17.33	17.25
DFT-s 256QAM	20	86	150	0	14.82	14.70	14.91	15.33	15.21	15.42		

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7.2 Field Strength Of Spurious Radiation

LTE

Report Number :TERF2605001806ER

Test Site :SAC 1

Operation Mode :LTE B48

Test Date :2026-07-06

Test Mode :Tx

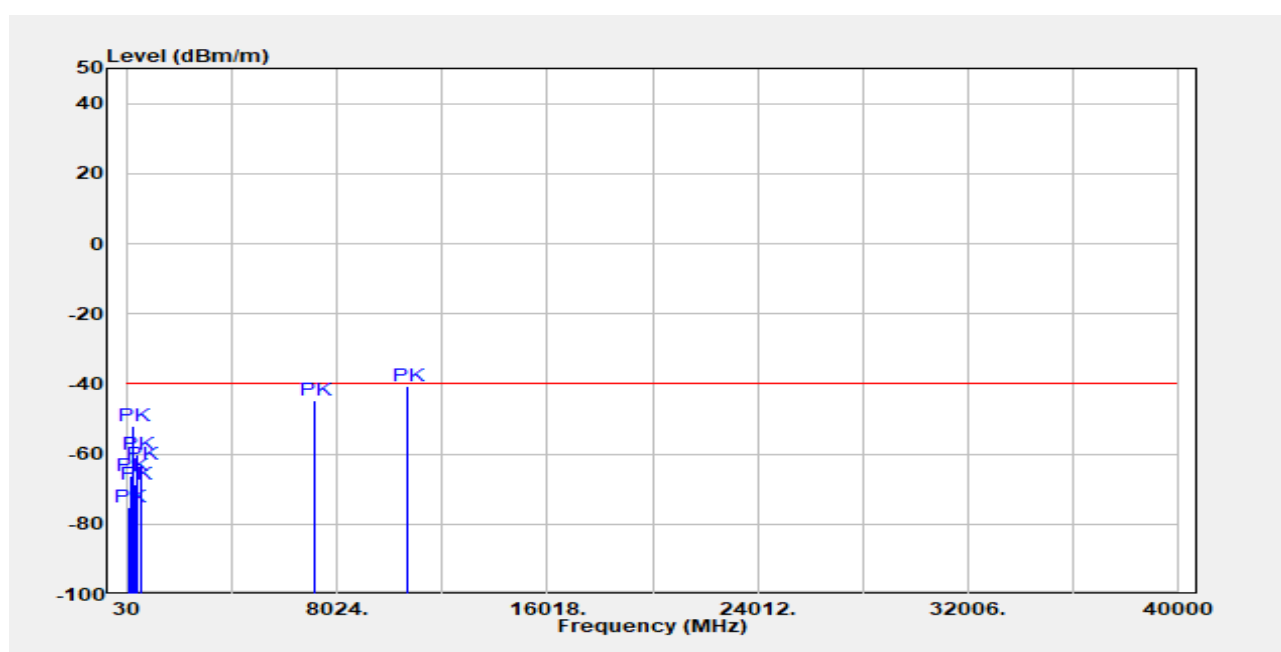
Temp./Humi. :28.1°C/59%

EUT Pol :NB Mode

Antenna Pol. :Vertical

Test Frequency :3557.5 MHz

Engineer :WJ Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
72.68	-75.34	-70.28	-3.50	-1.57	-40.00	-35.34
161.92	-66.39	-65.27	1.21	-2.33	-40.00	-26.39
223.03	-51.94	-56.53	7.32	-2.73	-40.00	-11.94
313.24	-68.67	-71.76	6.32	-3.23	-40.00	-28.67
371.44	-60.26	-63.40	6.67	-3.53	-40.00	-20.26
519.85	-62.82	-65.21	6.55	-4.16	-40.00	-22.82
7115.00	-44.72	-39.78	10.94	-15.88	-40.00	-4.72
10672.50	-40.68	-32.19	11.15	-19.64	-40.00	-0.68

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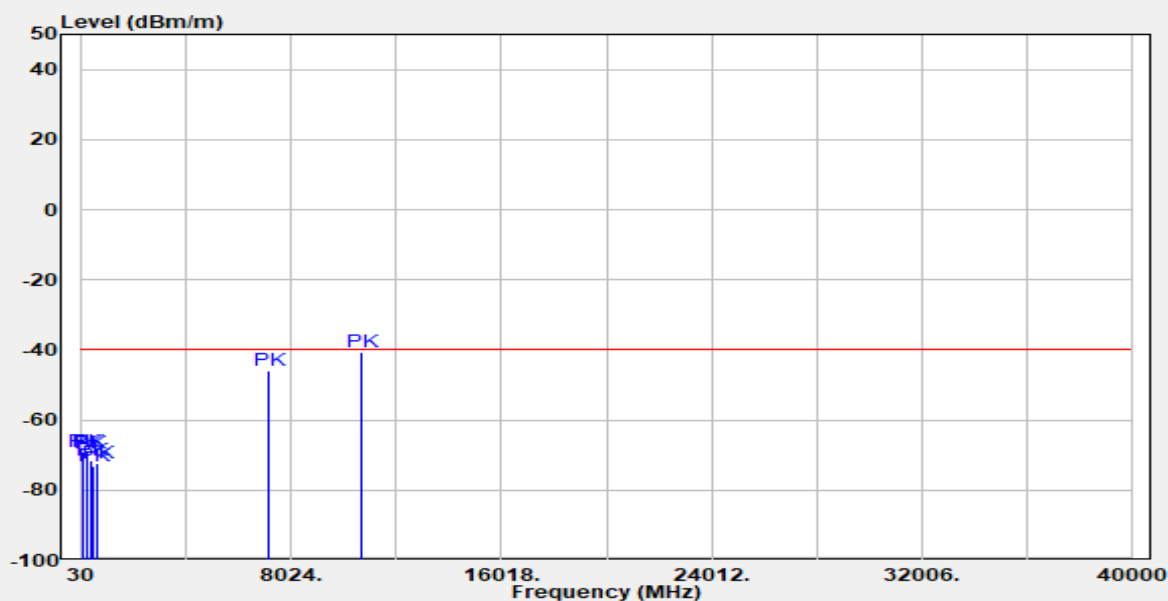
f (886-2) 2298-0488

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Report Number :TERF2605001806ER
 Operation Mode :LTE B48
 Test Mode :Tx
 EUT Pol :NB Mode
 Test Frequency :3557.5 MHz

Test Site :SAC 1
 Test Date :2026-07-06
 Temp./Humi. :28.1°C/59%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



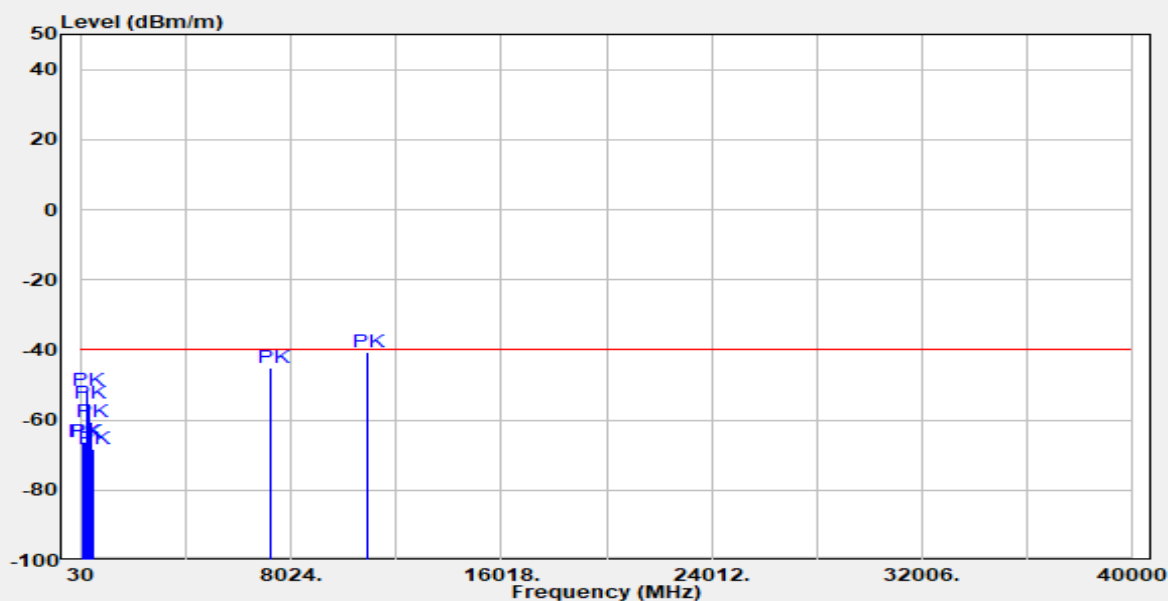
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
95.96	-69.02	-68.91	1.68	-1.80	-40.00	-29.02
217.21	-68.94	-73.21	6.97	-2.69	-40.00	-28.94
264.74	-69.33	-72.76	6.39	-2.96	-40.00	-29.33
410.24	-71.66	-74.55	6.59	-3.70	-40.00	-31.66
479.11	-73.31	-75.85	6.53	-4.00	-40.00	-33.31
597.45	-72.21	-73.96	6.21	-4.46	-40.00	-32.21
7115.00	-46.11	-41.17	10.94	-15.88	-40.00	-6.11
10672.50	-40.74	-32.24	11.15	-19.64	-40.00	-0.74

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Report Number :TERF2605001806ER
 Operation Mode :LTE B48
 Test Mode :Tx
 EUT Pol :NB Mode
 Test Frequency :3630 MHz

Test Site :SAC 1
 Test Date :2026-07-06
 Temp./Humi. :28.1°C/59%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
48.43	-66.13	-54.88	-9.97	-1.28	-40.00	-26.13
161.92	-66.24	-65.13	1.21	-2.33	-40.00	-26.24
223.03	-51.83	-56.42	7.32	-2.73	-40.00	-11.83
296.75	-55.20	-58.30	6.24	-3.14	-40.00	-15.20
371.44	-60.43	-63.57	6.67	-3.53	-40.00	-20.43
448.07	-68.16	-70.59	6.29	-3.86	-40.00	-28.16
7260.00	-44.94	-39.57	10.68	-16.05	-40.00	-4.94
10890.00	-40.66	-31.68	10.84	-19.82	-40.00	-0.66

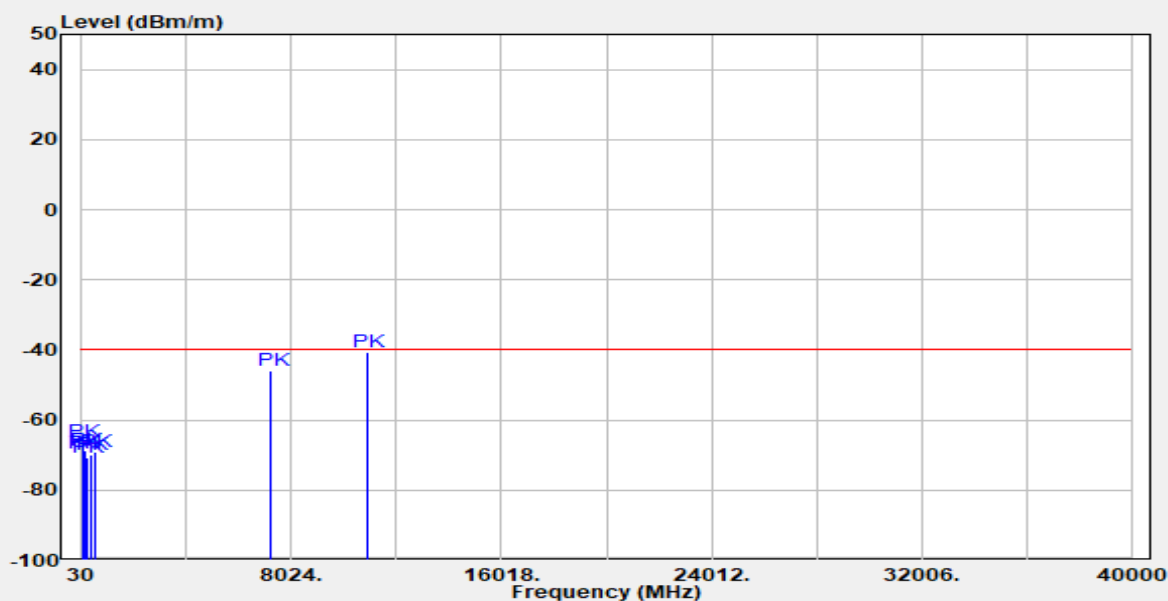
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Report Number :TERF2605001806ER
 Operation Mode :LTE B48
 Test Mode :Tx
 EUT Pol :NB Mode
 Test Frequency :3630 MHz

Test Site :SAC 1
 Test Date :2026-07-06
 Temp./Humi. :28.1°C/59%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



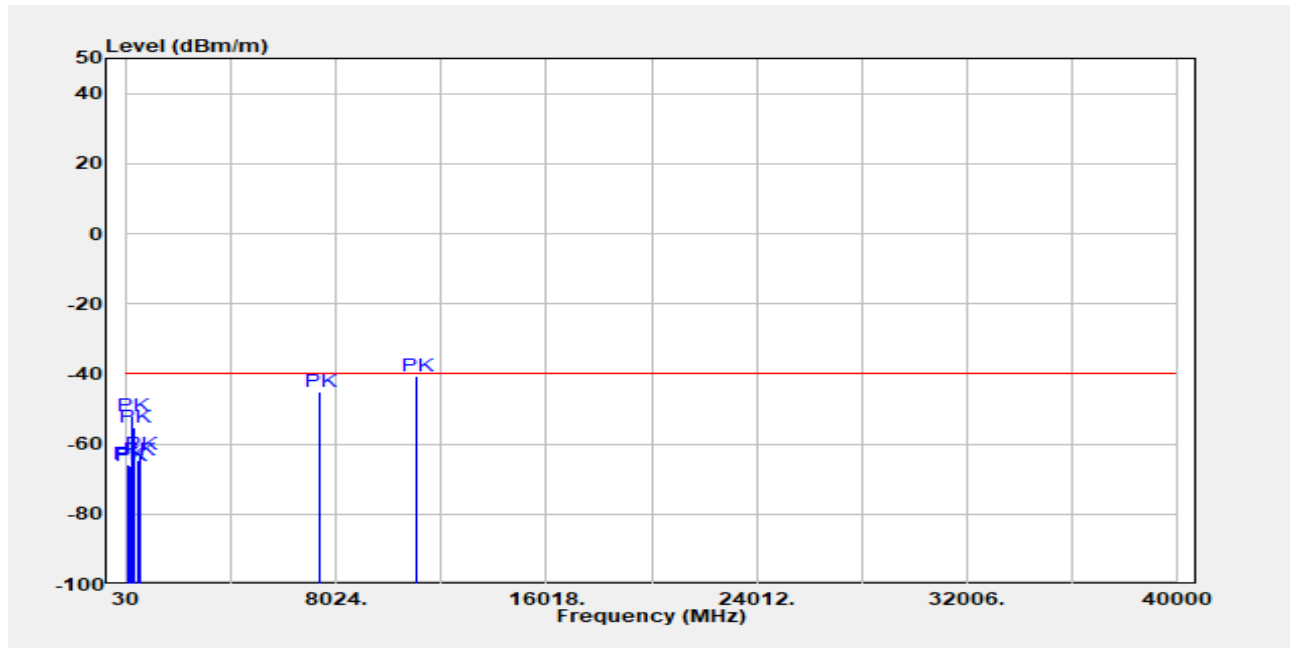
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
48.43	-66.09	-54.84	-9.97	-1.28	-40.00	-26.09
95.96	-69.67	-69.55	1.68	-1.80	-40.00	-29.67
168.71	-68.51	-68.05	1.92	-2.38	-40.00	-28.51
249.22	-70.90	-74.39	6.36	-2.88	-40.00	-30.90
385.99	-69.87	-72.82	6.54	-3.58	-40.00	-29.87
519.85	-68.97	-71.36	6.55	-4.16	-40.00	-28.97
7260.00	-46.00	-40.62	10.68	-16.05	-40.00	-6.00
10890.00	-40.56	-31.57	10.84	-19.82	-40.00	-0.56

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Report Number :TERF2605001806ER
 Operation Mode :LTE B48
 Test Mode :Tx
 EUT Pol :NB Mode
 Test Frequency :3692.5 MHz

Test Site :SAC 1
 Test Date :2026-07-06
 Temp./Humi. :28.1°C/59%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
95.96	-65.90	-65.78	1.68	-1.80	-40.00	-25.90
161.92	-66.43	-65.32	1.21	-2.33	-40.00	-26.43
223.03	-51.89	-56.48	7.32	-2.73	-40.00	-11.89
296.75	-55.20	-58.30	6.24	-3.14	-40.00	-15.20
421.88	-64.84	-67.58	6.49	-3.75	-40.00	-24.84
519.85	-62.83	-65.22	6.55	-4.16	-40.00	-22.83
7385.00	-45.03	-39.61	10.76	-16.18	-40.00	-5.03
11077.50	-40.52	-31.52	11.01	-20.01	-40.00	-0.52

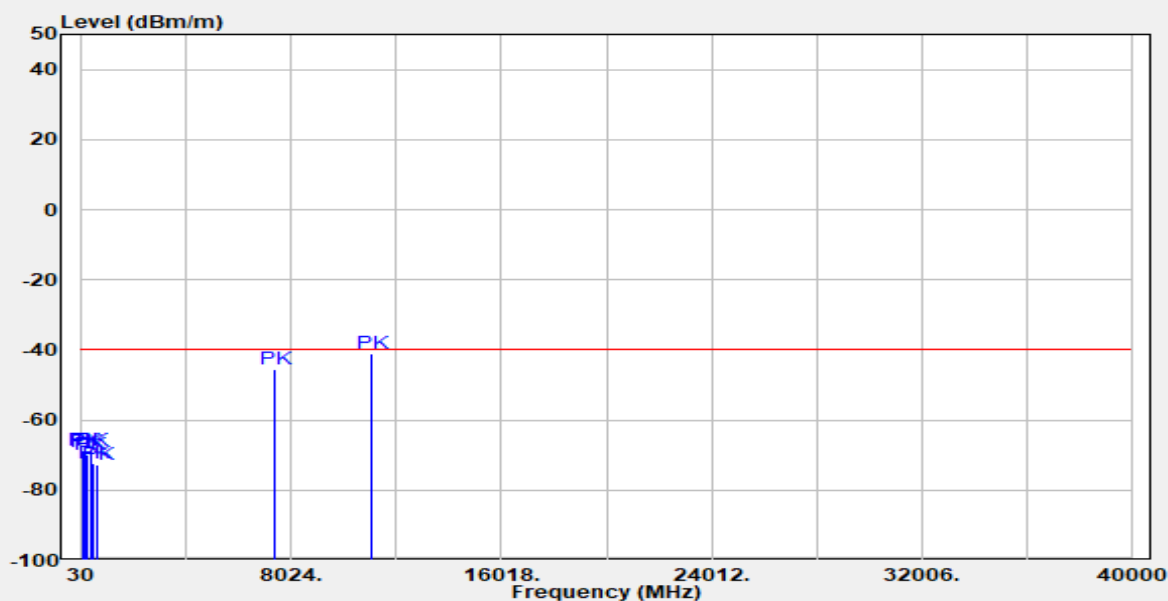
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Report Number :TERF2605001806ER
 Operation Mode :LTE B48
 Test Mode :Tx
 EUT Pol :NB Mode
 Test Frequency :3692.5 MHz

Test Site :SAC 1
 Test Date :2026-07-06
 Temp./Humi. :28.1°C/59%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
95.96	-68.75	-68.64	1.68	-1.80	-40.00	-28.75
168.71	-69.01	-68.55	1.92	-2.38	-40.00	-29.01
264.74	-69.81	-73.23	6.39	-2.96	-40.00	-29.81
371.44	-68.61	-71.75	6.67	-3.53	-40.00	-28.61
464.56	-72.38	-74.73	6.28	-3.94	-40.00	-32.38
598.42	-72.80	-74.54	6.20	-4.46	-40.00	-32.80
7385.00	-45.52	-40.11	10.76	-16.18	-40.00	-5.52
11077.50	-41.06	-32.07	11.01	-20.01	-40.00	-1.06

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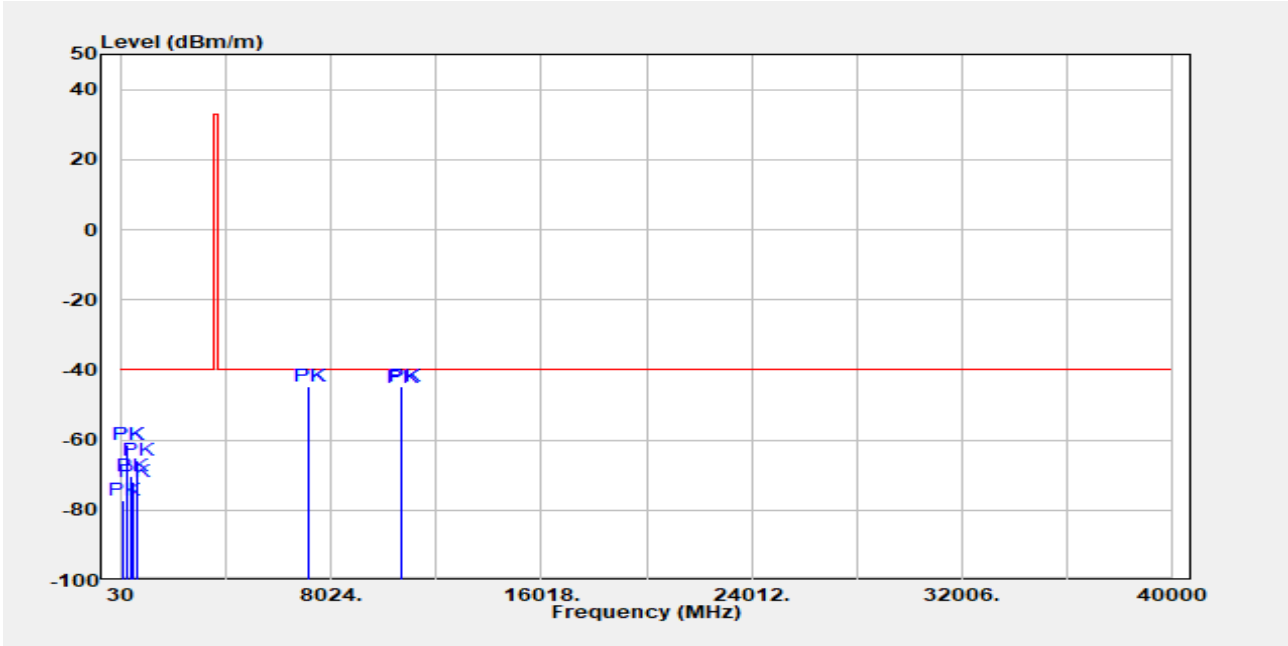
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ULCA

Report Number :TERF2605001806ER
Operation Mode :LTE B48C
Test Mode :Tx
EUT Pol :NB Mode
Test Frequency :3560 + 3571.7 MHz

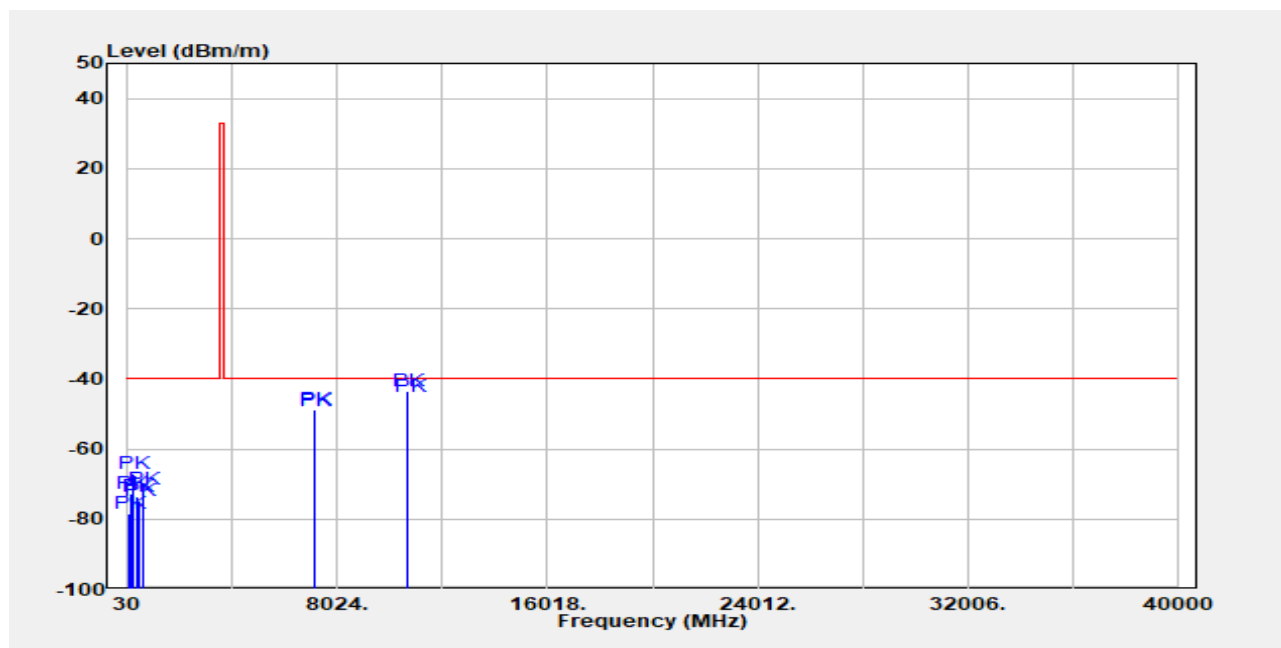
Test Site :SAC 3
Test Date :2026-07-12
Temp./Humi. :24.5°C/60%
Antenna Pol. :Vertical
Engineer :WJ Lin



Freq.	EIRP/ERP	SG	Antenna	Cable	Limit	Margin
MHz	dBm	Output Level dBm	Gain dBi/dBd	Loss dB	dBm	dB
71.71	-77.31	-71.94	-3.81	-1.56	-40.00	-37.31
216.24	-61.53	-65.70	6.85	-2.68	-40.00	-21.53
263.77	-61.55	-64.99	6.40	-2.96	-40.00	-21.55
359.80	-70.28	-73.78	6.96	-3.46	-40.00	-30.28
455.83	-71.81	-74.30	6.39	-3.90	-40.00	-31.81
605.21	-65.92	-67.50	6.07	-4.49	-40.00	-25.92
7120.00	-44.64	-39.68	10.92	-15.88	-40.00	-4.64
7143.40	-44.60	-39.51	10.83	-15.91	-40.00	-4.60
10680.00	-45.08	-36.60	11.16	-19.65	-40.00	-5.08
10715.10	-44.83	-36.31	11.17	-19.69	-40.00	-4.83

Report Number :TERF2605001806ER
 Operation Mode :LTE B48C
 Test Mode :Tx
 EUT Pol :NB Mode
 Test Frequency :3560 + 3571.7 MHz

Test Site :SAC 3
 Test Date :2026-07-12
 Temp./Humi. :24.5°C/60%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



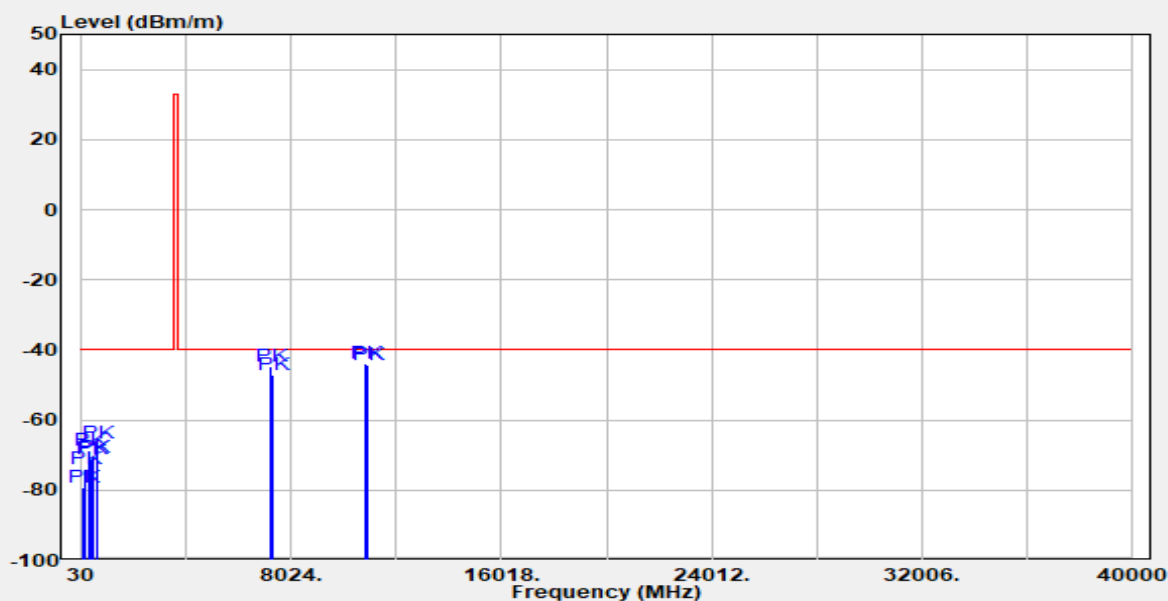
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
95.96	-78.48	-78.27	1.59	-1.80	-40.00	-38.48
167.74	-72.68	-71.96	1.65	-2.37	-40.00	-32.68
263.77	-67.22	-70.67	6.40	-2.96	-40.00	-27.22
394.72	-73.60	-76.53	6.56	-3.63	-40.00	-33.60
487.84	-74.82	-77.32	6.53	-4.03	-40.00	-34.82
605.21	-71.60	-73.18	6.07	-4.49	-40.00	-31.60
7120.00	-48.91	-43.94	10.92	-15.88	-40.00	-8.91
7143.40	-49.01	-43.92	10.83	-15.91	-40.00	-9.01
10680.00	-43.31	-34.83	11.16	-19.65	-40.00	-3.31
10715.10	-45.07	-36.56	11.17	-19.69	-40.00	-5.07

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Report Number :TERF2605001806ER
 Operation Mode :LTE B48C
 Test Mode :Tx
 EUT Pol :NB Mode
 Test Frequency :3622.5 + 3634.2 MHz

Test Site :SAC 3
 Test Date :2026-07-12
 Temp./Humi. :24.5°C/60%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
48.43	-79.16	-68.01	-9.87	-1.28	-40.00	-39.16
167.74	-73.79	-73.07	1.65	-2.37	-40.00	-33.79
312.27	-68.50	-71.61	6.33	-3.22	-40.00	-28.50
405.39	-70.98	-73.99	6.69	-3.68	-40.00	-30.98
447.10	-70.76	-73.25	6.35	-3.86	-40.00	-30.76
605.21	-66.47	-68.05	6.07	-4.49	-40.00	-26.47
7245.00	-44.59	-39.25	10.70	-16.03	-40.00	-4.59
7268.40	-47.13	-41.73	10.66	-16.06	-40.00	-7.13
10867.50	-44.07	-35.19	10.93	-19.81	-40.00	-4.07
10902.60	-44.45	-35.41	10.79	-19.83	-40.00	-4.45

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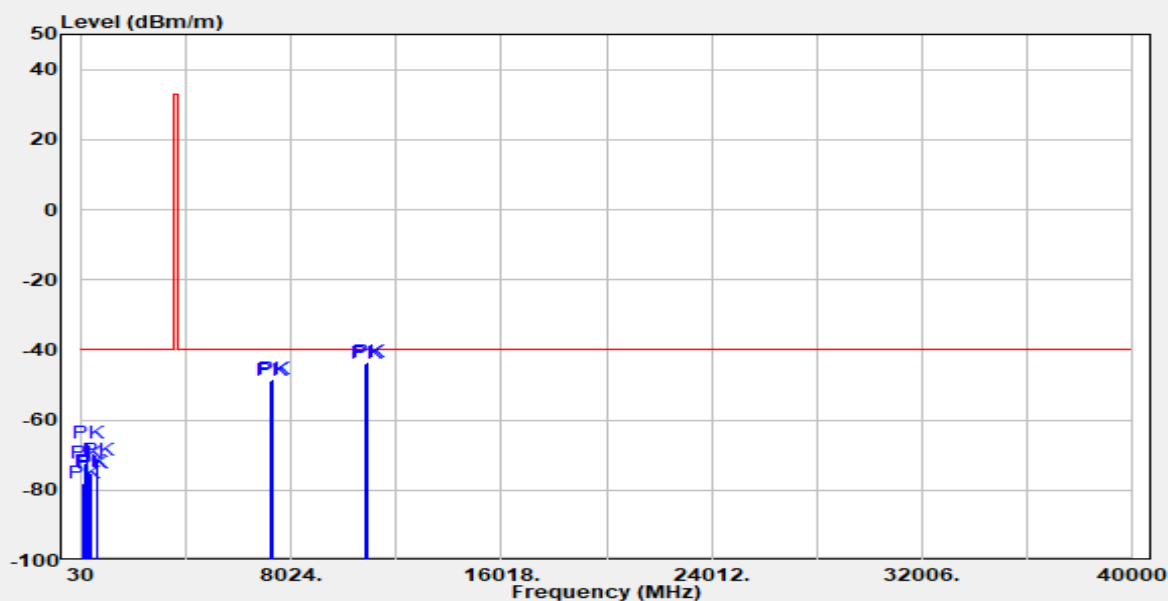
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Report Number :TERF2605001806ER
 Operation Mode :LTE B48C
 Test Mode :Tx
 EUT Pol :NB Mode
 Test Frequency :3622.5 + 3634.2 MHz

Test Site :SAC 3
 Test Date :2026-07-12
 Temp./Humi. :24.5°C/60%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



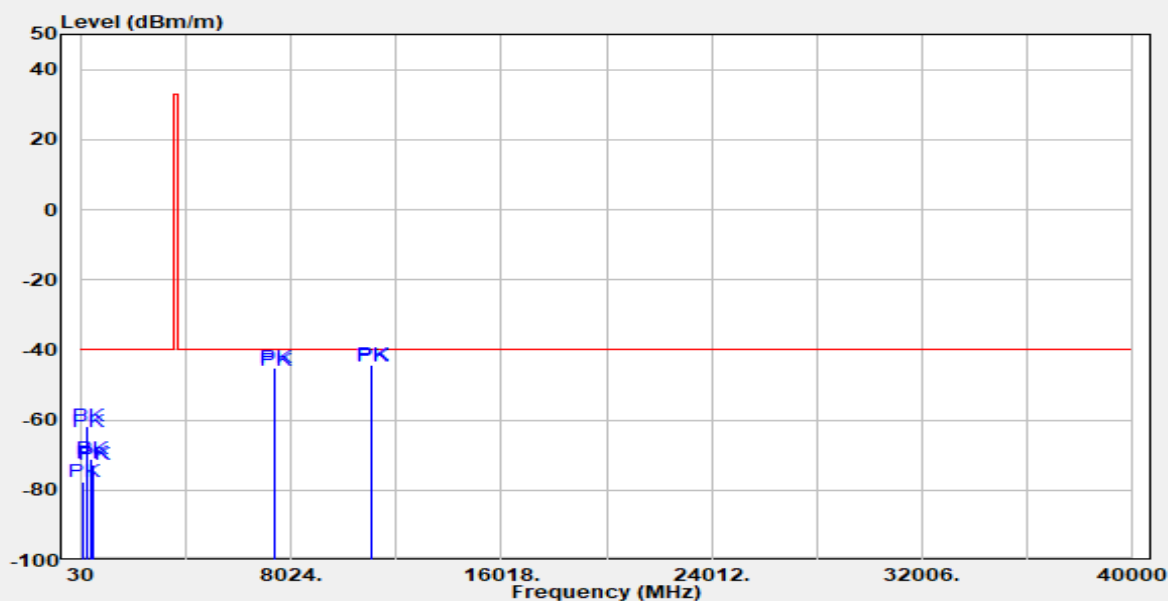
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
95.96	-78.14	-77.93	1.59	-1.80	-40.00	-38.14
167.74	-72.28	-71.56	1.65	-2.37	-40.00	-32.28
263.77	-66.72	-70.16	6.40	-2.96	-40.00	-26.72
312.27	-74.83	-77.94	6.33	-3.22	-40.00	-34.83
400.54	-75.14	-78.14	6.67	-3.66	-40.00	-35.14
605.21	-71.49	-73.07	6.07	-4.49	-40.00	-31.49
7245.00	-48.77	-43.43	10.70	-16.03	-40.00	-8.77
7268.40	-48.57	-43.18	10.66	-16.06	-40.00	-8.57
10867.50	-43.80	-34.92	10.93	-19.81	-40.00	-3.80
10902.60	-43.36	-34.32	10.79	-19.83	-40.00	-3.36

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Report Number :TERF2605001806ER
 Operation Mode :LTE B48C
 Test Mode :Tx
 EUT Pol :NB Mode
 Test Frequency :3685 + 3696.7 MHz

Test Site :SAC 3
 Test Date :2026-07-12
 Temp./Humi. :24.5°C/60%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
95.96	-77.76	-77.55	1.59	-1.80	-40.00	-37.76
216.24	-61.68	-65.85	6.85	-2.68	-40.00	-21.68
263.77	-63.50	-66.95	6.40	-2.96	-40.00	-23.50
348.16	-71.08	-74.44	6.77	-3.40	-40.00	-31.08
407.33	-72.21	-75.26	6.73	-3.69	-40.00	-32.21
466.50	-72.89	-75.35	6.41	-3.95	-40.00	-32.89
7370.00	-44.95	-39.61	10.82	-16.16	-40.00	-4.95
7393.40	-45.77	-40.31	10.73	-16.18	-40.00	-5.77
11055.00	-44.66	-35.60	10.92	-19.98	-40.00	-4.66
11090.10	-44.44	-35.48	11.06	-20.02	-40.00	-4.44

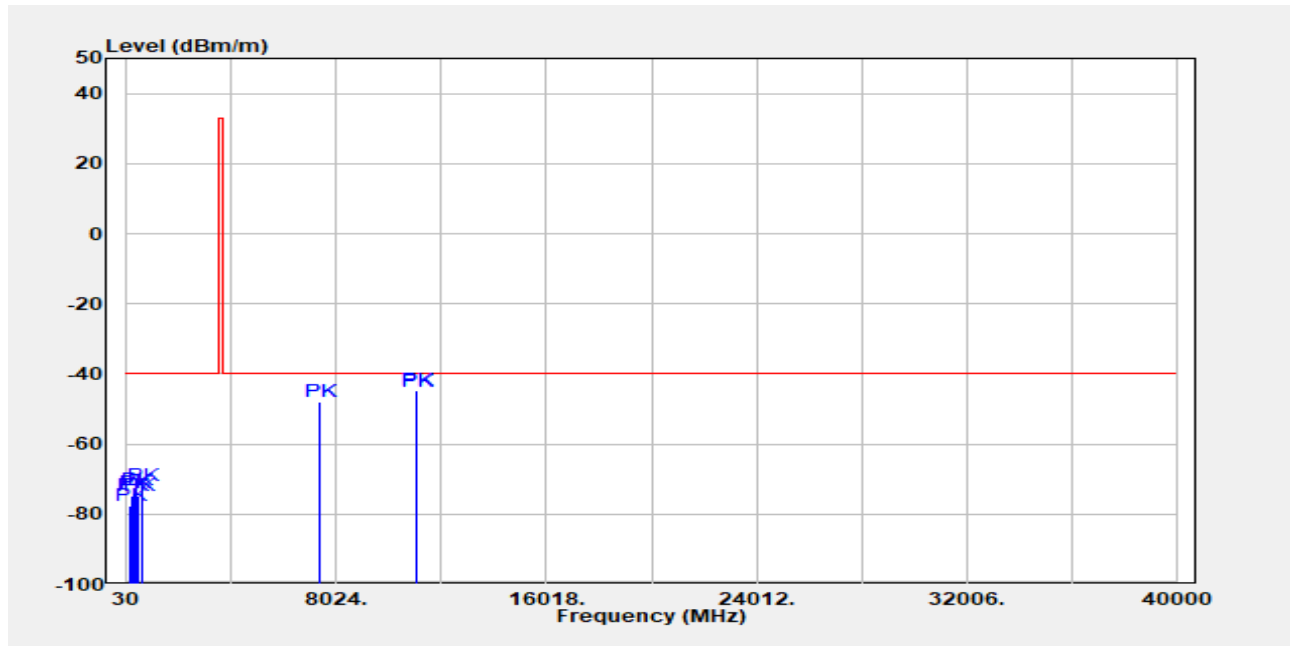
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Report Number :TERF2605001806ER
 Operation Mode :LTE B48C
 Test Mode :Tx
 EUT Pol :NB Mode
 Test Frequency :3685 + 3696.7 MHz

Test Site :SAC 3
 Test Date :2026-07-12
 Temp./Humi. :24.5°C/60%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
144.46	-77.56	-75.69	0.33	-2.20	-40.00	-37.56
254.07	-74.88	-78.42	6.45	-2.90	-40.00	-34.88
312.27	-74.16	-77.27	6.33	-3.22	-40.00	-34.16
372.41	-73.37	-76.55	6.70	-3.53	-40.00	-33.37
482.99	-74.98	-77.51	6.54	-4.01	-40.00	-34.98
605.21	-71.81	-73.39	6.07	-4.49	-40.00	-31.81
7370.00	-47.79	-42.44	10.82	-16.16	-40.00	-7.79
7393.40	-47.96	-42.51	10.73	-16.18	-40.00	-7.96
11055.00	-44.78	-35.72	10.92	-19.98	-40.00	-4.78
11090.10	-45.17	-36.21	11.06	-20.02	-40.00	-5.17

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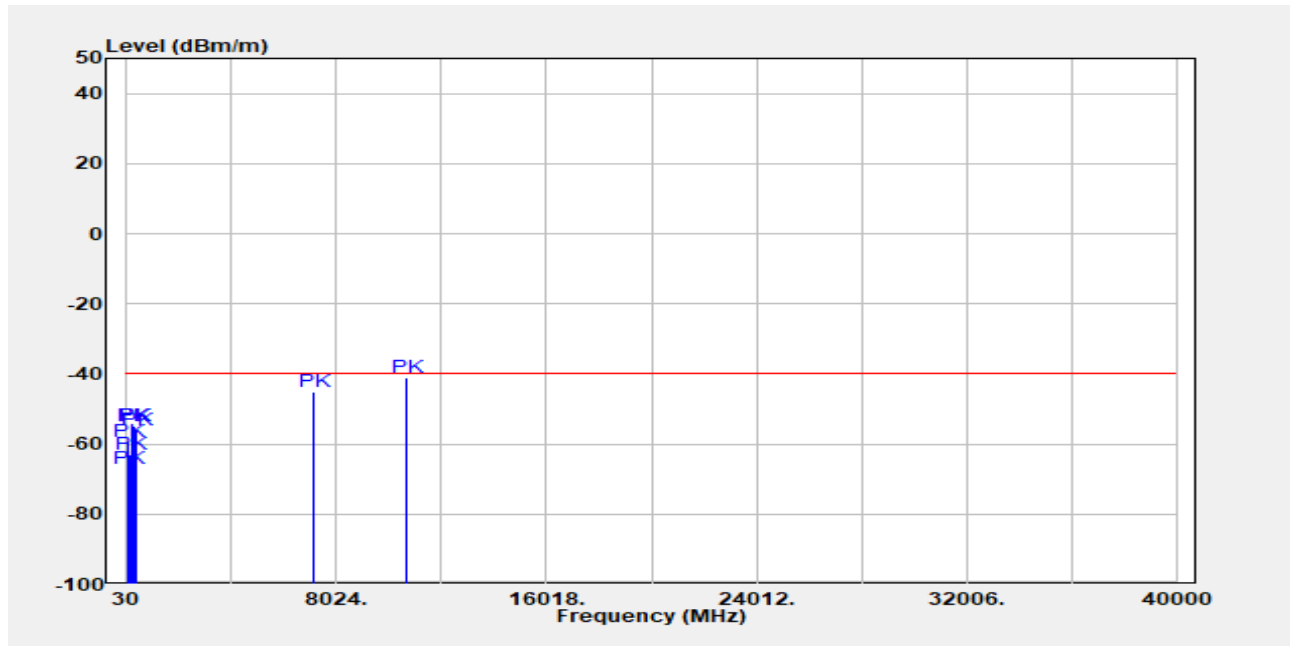
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NR

Report Number :TERF2605001806ER
Operation Mode :NR n48
Test Mode :Tx
EUT Pol :NB Mode
Test Frequency :3557.52 MHz

Test Site :SAC 1
Test Date :2026-07-07
Temp./Humi. :27.2°C/58%
Antenna Pol. :Vertical
Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
48.43	-59.55	-48.30	-9.97	-1.28	-40.00	-19.55
95.96	-66.99	-66.88	1.68	-1.80	-40.00	-26.99
141.55	-63.07	-61.43	0.54	-2.18	-40.00	-23.07
223.03	-54.82	-59.41	7.32	-2.73	-40.00	-14.82
296.75	-54.93	-58.03	6.24	-3.14	-40.00	-14.93
371.44	-56.15	-59.29	6.67	-3.53	-40.00	-16.15
7115.04	-44.94	-40.00	10.94	-15.88	-40.00	-4.94
10672.56	-40.97	-32.48	11.15	-19.64	-40.00	-0.97

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Report Number :TERF2605001806ER

Operation Mode :NR n48

Test Mode :Tx

EUT Pol :NB Mode

Test Frequency :3557.52 MHz

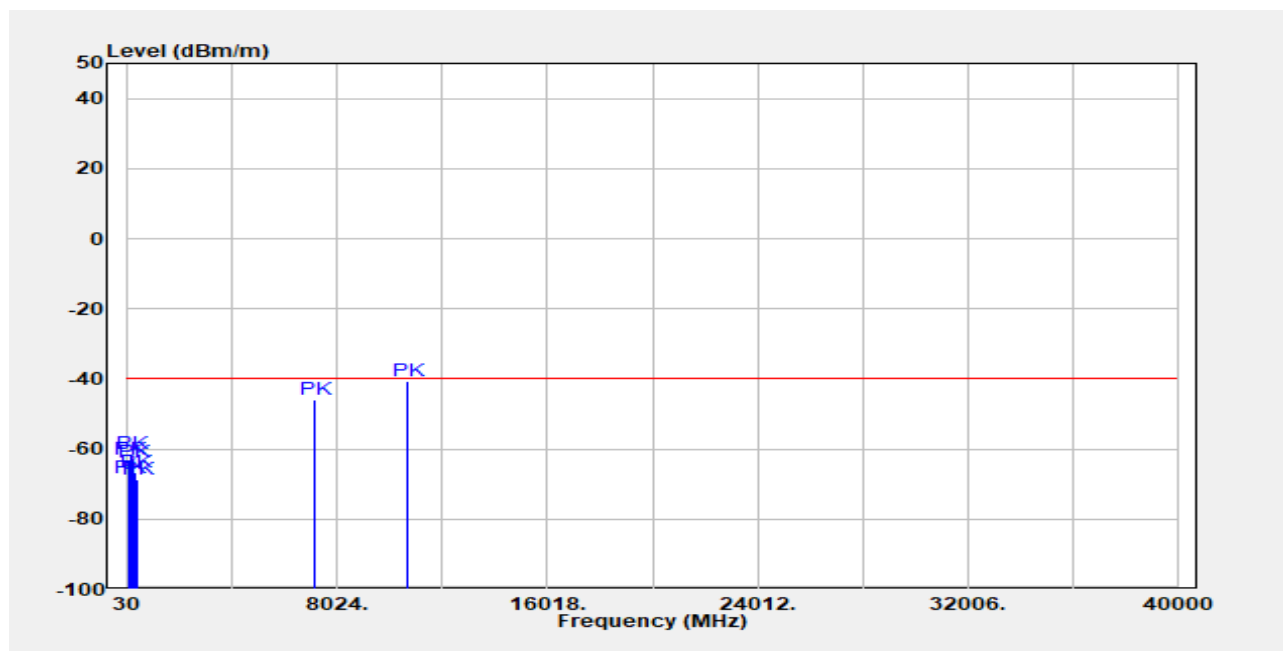
Test Site :SAC 1

Test Date :2026-07-07

Temp./Humi. :27.2°C/58%

Antenna Pol. :Horizontal

Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
48.43	-62.93	-51.68	-9.97	-1.28	-40.00	-22.93
95.96	-68.42	-68.31	1.68	-1.80	-40.00	-28.42
161.92	-61.30	-60.18	1.21	-2.33	-40.00	-21.30
223.03	-63.77	-68.36	7.32	-2.73	-40.00	-23.77
313.24	-66.77	-69.86	6.32	-3.23	-40.00	-26.77
377.26	-68.79	-71.81	6.57	-3.55	-40.00	-28.79
7115.04	-45.98	-41.04	10.94	-15.88	-40.00	-5.98
10672.56	-40.66	-32.16	11.15	-19.64	-40.00	-0.66

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Member of SGS Group

Report Number :TERF2605001806ER

Operation Mode :NR n48

Test Mode :Tx

EUT Pol :NB Mode

Test Frequency :3625.02 MHz

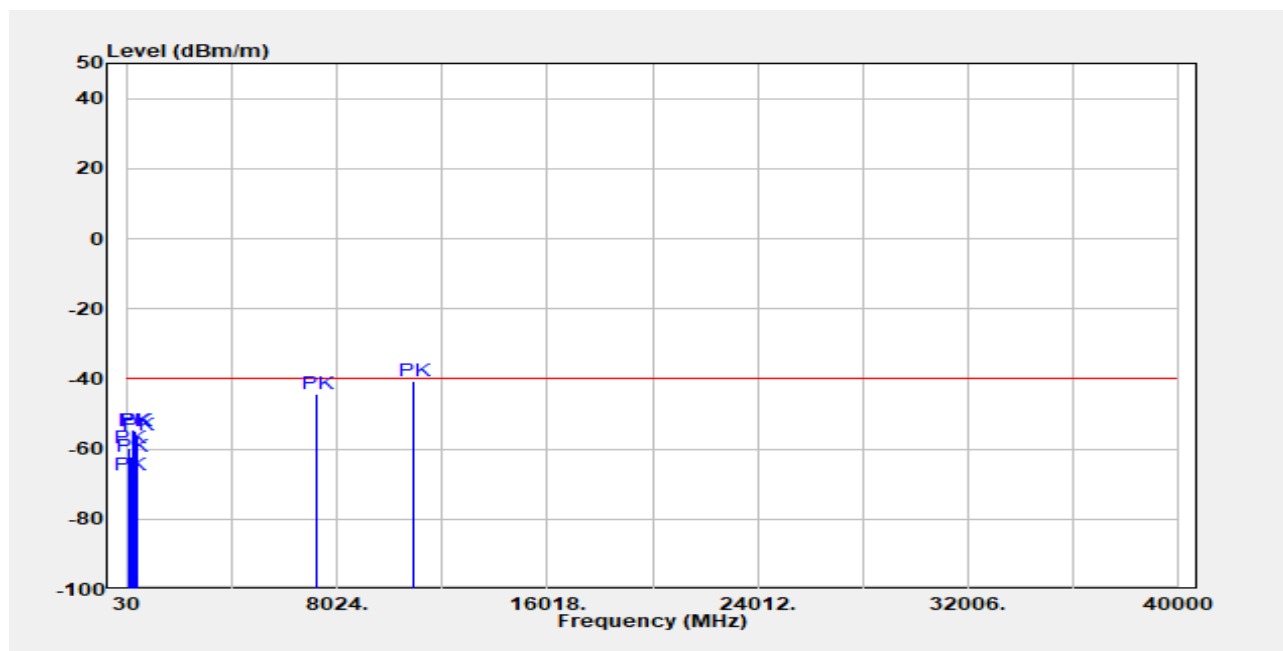
Test Site :SAC 1

Test Date :2026-07-07

Temp./Humi. :27.2°C/58%

Antenna Pol. :Vertical

Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
48.43	-59.78	-48.53	-9.97	-1.28	-40.00	-19.78
84.32	-67.58	-66.58	0.68	-1.68	-40.00	-27.58
140.58	-62.17	-60.62	0.63	-2.17	-40.00	-22.17
223.03	-54.97	-59.56	7.32	-2.73	-40.00	-14.97
296.75	-54.72	-57.82	6.24	-3.14	-40.00	-14.72
371.44	-56.14	-59.28	6.67	-3.53	-40.00	-16.14
7250.04	-44.19	-38.85	10.70	-16.04	-40.00	-4.19
10875.06	-40.53	-31.62	10.90	-19.82	-40.00	-0.53

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Member of SGS Group

Report Number :TERF2605001806ER

Operation Mode :NR n48

Test Mode :Tx

EUT Pol :NB Mode

Test Frequency :3625.02 MHz

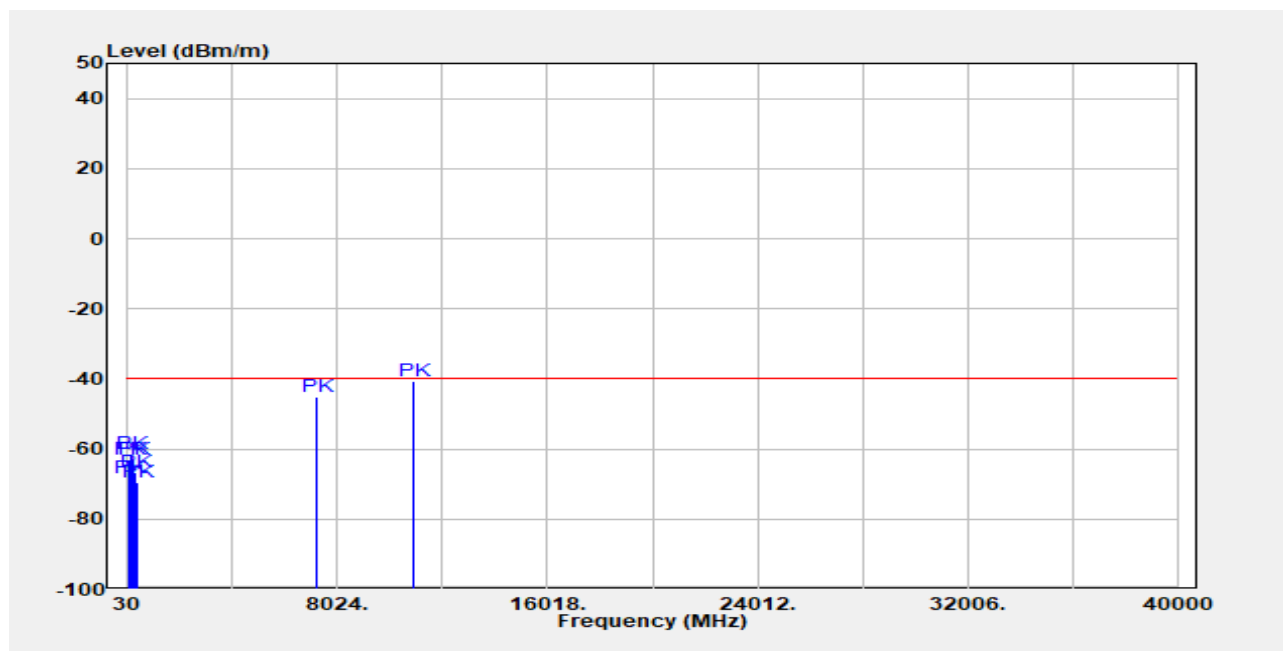
Test Site :SAC 1

Test Date :2026-07-07

Temp./Humi. :27.2°C/58%

Antenna Pol. :Horizontal

Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
48.43	-63.14	-51.88	-9.97	-1.28	-40.00	-23.14
95.96	-68.38	-68.26	1.68	-1.80	-40.00	-28.38
161.92	-61.32	-60.20	1.21	-2.33	-40.00	-21.32
223.03	-63.05	-67.64	7.32	-2.73	-40.00	-23.05
313.24	-66.71	-69.80	6.32	-3.23	-40.00	-26.71
375.32	-69.44	-72.50	6.60	-3.54	-40.00	-29.44
7250.04	-45.04	-39.70	10.70	-16.04	-40.00	-5.04
10875.06	-40.61	-31.69	10.90	-19.82	-40.00	-0.61

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Member of SGS Group

Report Number :TERF2605001806ER

Operation Mode :NR n48

Test Mode :Tx

EUT Pol :NB Mode

Test Frequency :3692.49 MHz

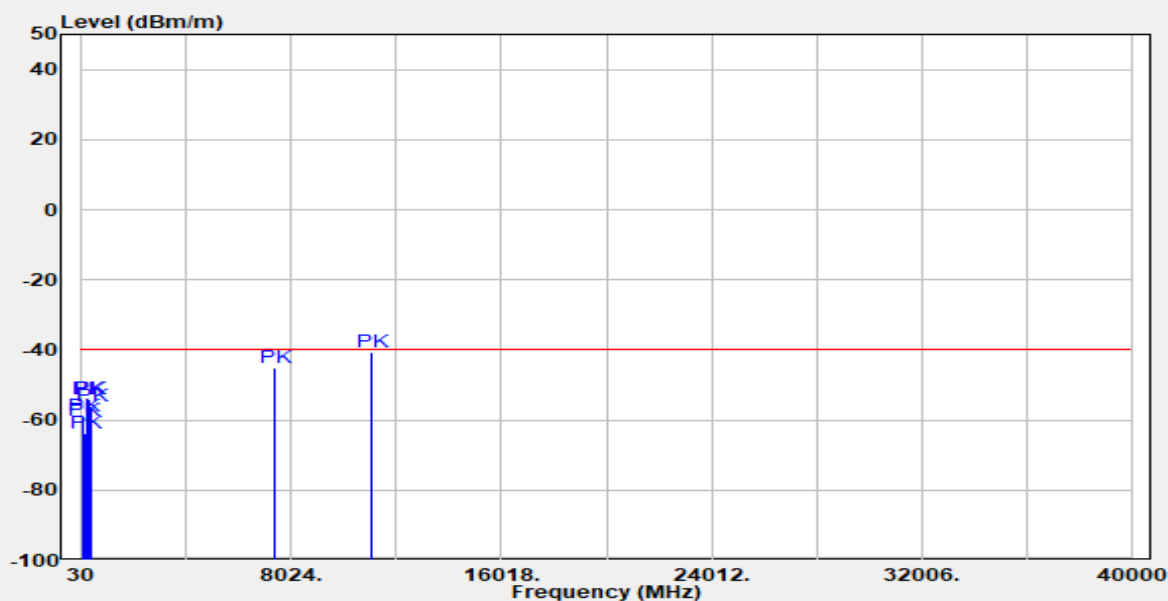
Test Site :SAC 1

Test Date :2026-07-07

Temp./Humi. :27.2°C/58%

Antenna Pol. :Vertical

Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
48.43	-60.22	-48.97	-9.97	-1.28	-40.00	-20.22
82.38	-58.91	-57.37	0.12	-1.66	-40.00	-18.91
138.64	-63.72	-62.10	0.54	-2.16	-40.00	-23.72
223.03	-54.21	-58.80	7.32	-2.73	-40.00	-14.21
296.75	-54.06	-57.16	6.24	-3.14	-40.00	-14.06
371.44	-56.06	-59.21	6.67	-3.53	-40.00	-16.06
7384.98	-44.99	-39.57	10.76	-16.18	-40.00	-4.99
11077.47	-40.55	-31.55	11.01	-20.01	-40.00	-0.55

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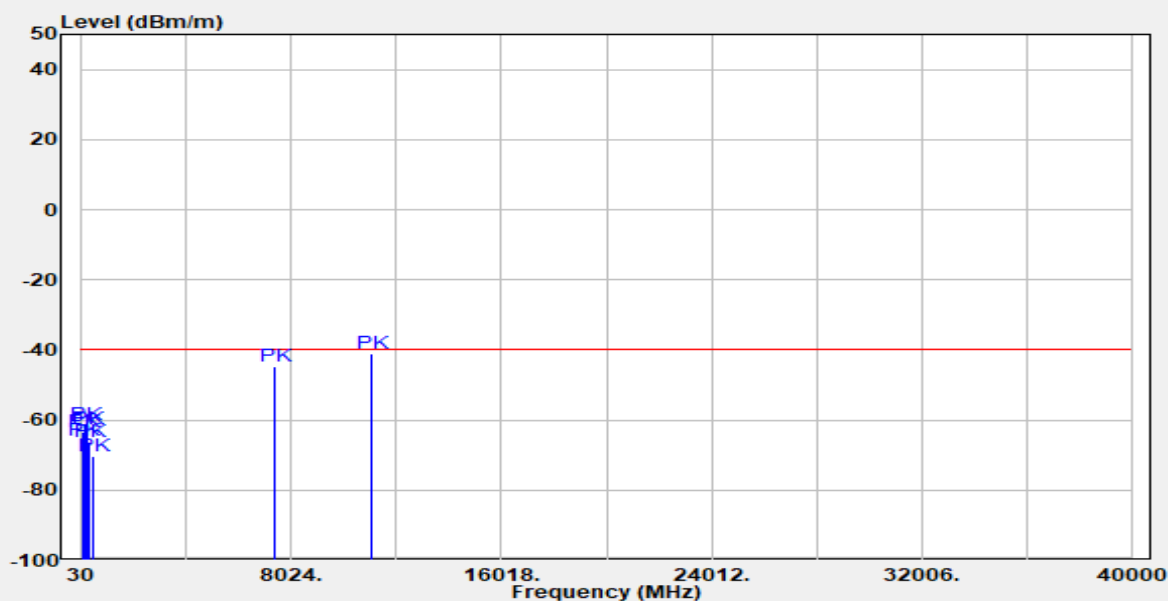
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Report Number :TERF2605001806ER
 Operation Mode :NR n48
 Test Mode :Tx
 EUT Pol :NB Mode
 Test Frequency :3692.49 MHz

Test Site :SAC 1
 Test Date :2026-07-07
 Temp./Humi. :27.2°C/58%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
48.43	-63.58	-52.33	-9.97	-1.28	-40.00	-23.58
86.26	-65.80	-65.35	1.25	-1.70	-40.00	-25.80
161.92	-61.23	-60.12	1.21	-2.33	-40.00	-21.23
223.03	-62.66	-67.25	7.32	-2.73	-40.00	-22.66
313.24	-66.08	-69.17	6.32	-3.23	-40.00	-26.08
430.61	-70.24	-72.94	6.49	-3.79	-40.00	-30.24
7384.98	-44.85	-39.44	10.76	-16.18	-40.00	-4.85
11077.47	-41.14	-32.15	11.01	-20.01	-40.00	-1.14

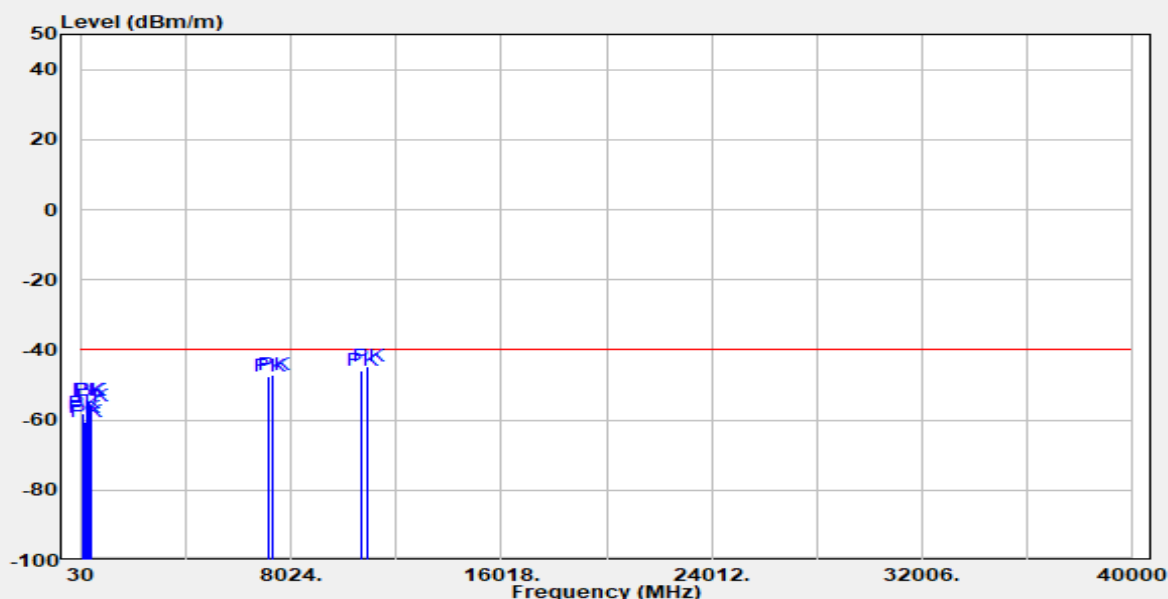
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ULCA

Report Number :TERF2605001806ER
 Operation Mode :n48C
 Test Mode :Tx
 EUT Pol :NB Mode
 Test Frequency :3570 + 3634.8 MHz

Test Site :SAC 1
 Test Date :2026-07-12
 Temp./Humi. :23.8°C/58%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



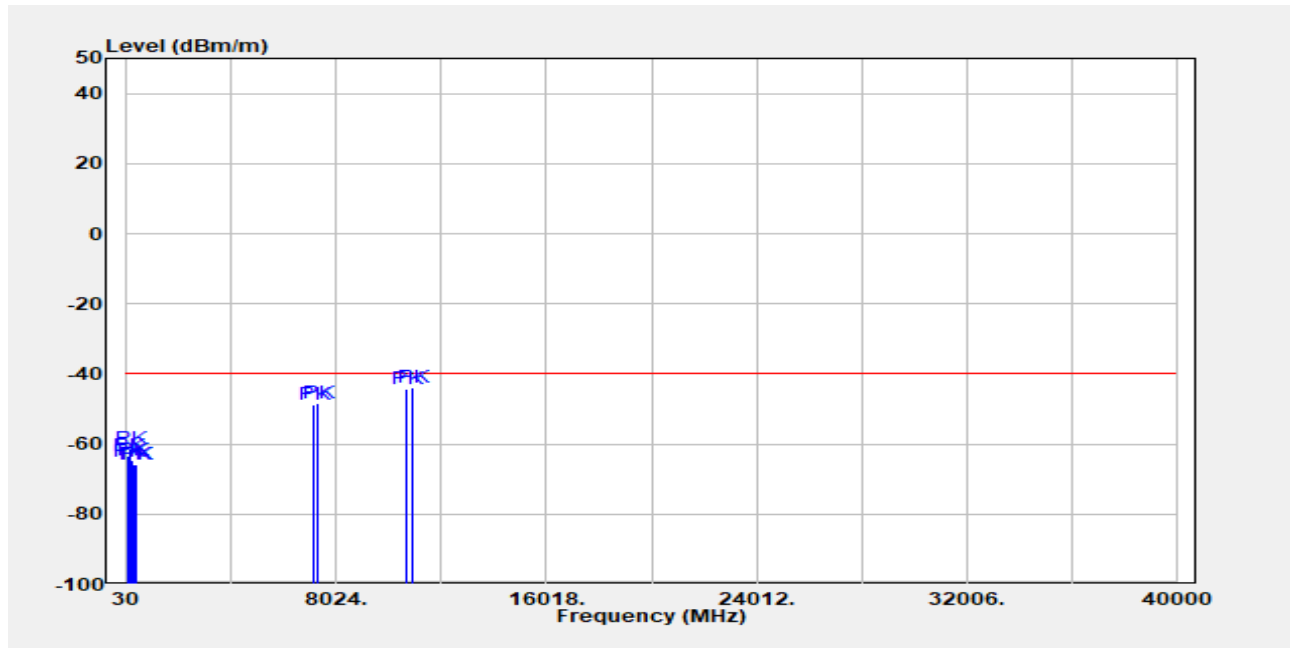
Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
48.43	-59.25	-48.00	-9.97	-1.28	-40.00	-19.25
87.23	-58.23	-57.84	1.32	-1.71	-40.00	-18.23
144.46	-60.58	-58.91	0.53	-2.20	-40.00	-20.58
223.03	-54.30	-58.89	7.32	-2.73	-40.00	-14.30
296.75	-54.47	-57.57	6.24	-3.14	-40.00	-14.47
371.44	-56.03	-59.17	6.67	-3.53	-40.00	-16.03
7140.00	-47.47	-42.40	10.84	-15.91	-40.00	-7.47
7269.60	-47.25	-41.85	10.66	-16.06	-40.00	-7.25
10710.00	-46.02	-37.52	11.18	-19.68	-40.00	-6.02
10904.40	-44.64	-35.60	10.79	-19.83	-40.00	-4.64

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Report Number :TERF2605001806ER
 Operation Mode :n48C
 Test Mode :Tx
 EUT Pol :NB Mode
 Test Frequency :3570 + 3634.8 MHz

Test Site :SAC 1
 Test Date :2026-07-12
 Temp./Humi. :23.8°C/58%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
48.43	-63.41	-52.16	-9.97	-1.28	-40.00	-23.41
88.20	-65.08	-64.71	1.36	-1.72	-40.00	-25.08
161.92	-61.41	-60.29	1.21	-2.33	-40.00	-21.41
223.03	-64.58	-69.17	7.32	-2.73	-40.00	-24.58
313.24	-65.87	-68.97	6.32	-3.23	-40.00	-25.87
375.32	-66.01	-69.07	6.60	-3.54	-40.00	-26.01
7140.00	-48.81	-43.74	10.84	-15.91	-40.00	-8.81
7269.60	-48.44	-43.03	10.66	-16.06	-40.00	-8.44
10710.00	-44.29	-35.79	11.18	-19.68	-40.00	-4.29
10904.40	-44.10	-35.06	10.79	-19.83	-40.00	-4.10

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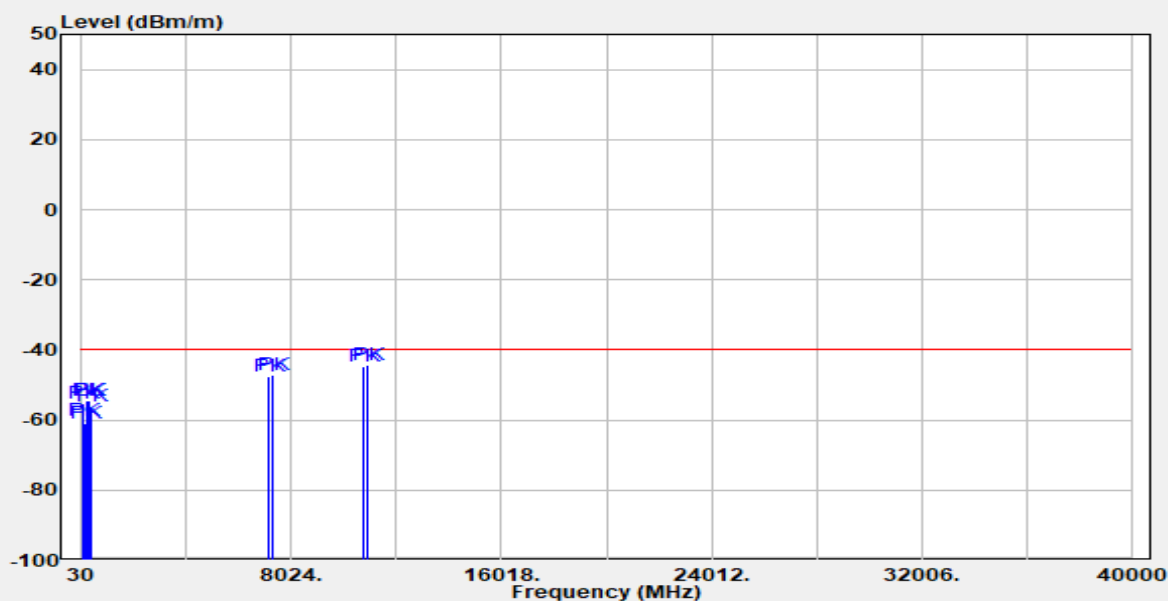
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Member of SGS Group

Report Number :TERF2605001806ER
 Operation Mode :n48C
 Test Mode :Tx
 EUT Pol :NB Mode
 Test Frequency :3579.99 + 3644.79 MHz

Test Site :SAC 1
 Test Date :2026-07-12
 Temp./Humi. :23.8°C/58%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
48.43	-60.18	-48.93	-9.97	-1.28	-40.00	-20.18
81.41	-55.35	-53.58	-0.11	-1.65	-40.00	-15.35
139.61	-61.11	-59.53	0.59	-2.17	-40.00	-21.11
223.03	-54.30	-58.90	7.32	-2.73	-40.00	-14.30
296.75	-54.36	-57.46	6.24	-3.14	-40.00	-14.36
371.44	-55.94	-59.08	6.67	-3.53	-40.00	-15.94
7159.98	-47.57	-42.42	10.78	-15.93	-40.00	-7.57
7289.58	-47.28	-41.82	10.62	-16.09	-40.00	-7.28
10739.97	-44.66	-36.07	11.12	-19.71	-40.00	-4.66
10934.37	-44.33	-35.20	10.73	-19.86	-40.00	-4.33

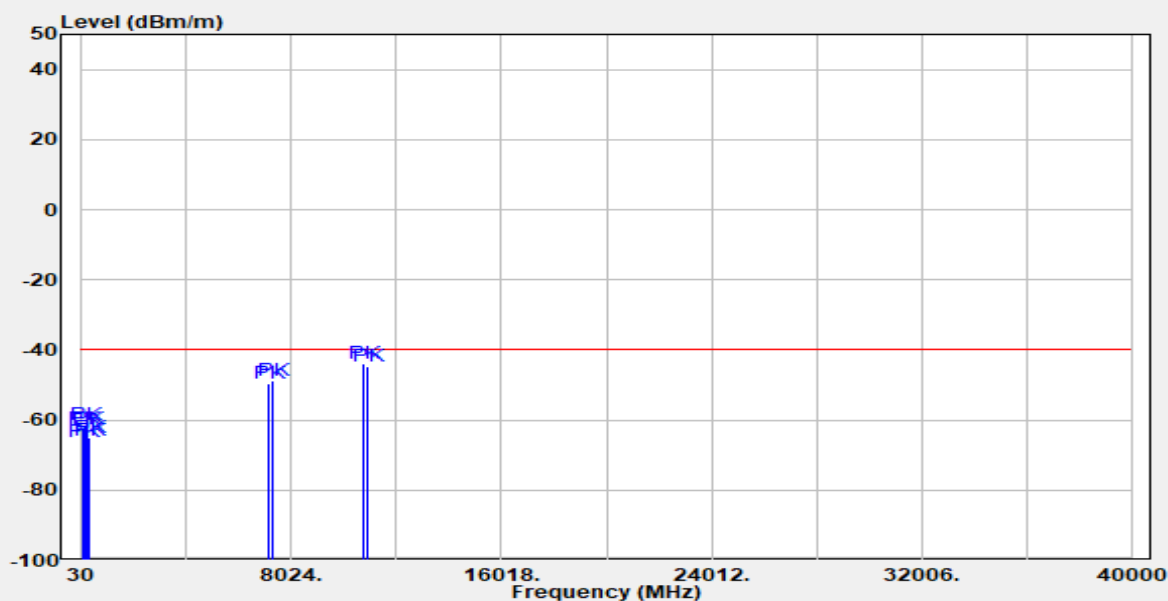
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Report Number :TERF2605001806ER
 Operation Mode :n48C
 Test Mode :Tx
 EUT Pol :NB Mode
 Test Frequency :3579.99 + 3644.79 MHz

Test Site :SAC 1
 Test Date :2026-07-12
 Temp./Humi. :23.8°C/58%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
48.43	-62.67	-51.42	-9.97	-1.28	-40.00	-22.67
88.20	-66.10	-65.74	1.36	-1.72	-40.00	-26.10
161.92	-61.29	-60.18	1.21	-2.33	-40.00	-21.29
223.03	-62.57	-67.16	7.32	-2.73	-40.00	-22.57
264.74	-65.91	-69.33	6.39	-2.96	-40.00	-25.91
313.24	-65.12	-68.21	6.32	-3.23	-40.00	-25.12
7159.98	-49.50	-44.35	10.78	-15.93	-40.00	-9.50
7289.58	-48.76	-43.29	10.62	-16.09	-40.00	-8.76
10739.97	-43.88	-35.29	11.12	-19.71	-40.00	-3.88
10934.37	-44.52	-35.39	10.73	-19.86	-40.00	-4.52

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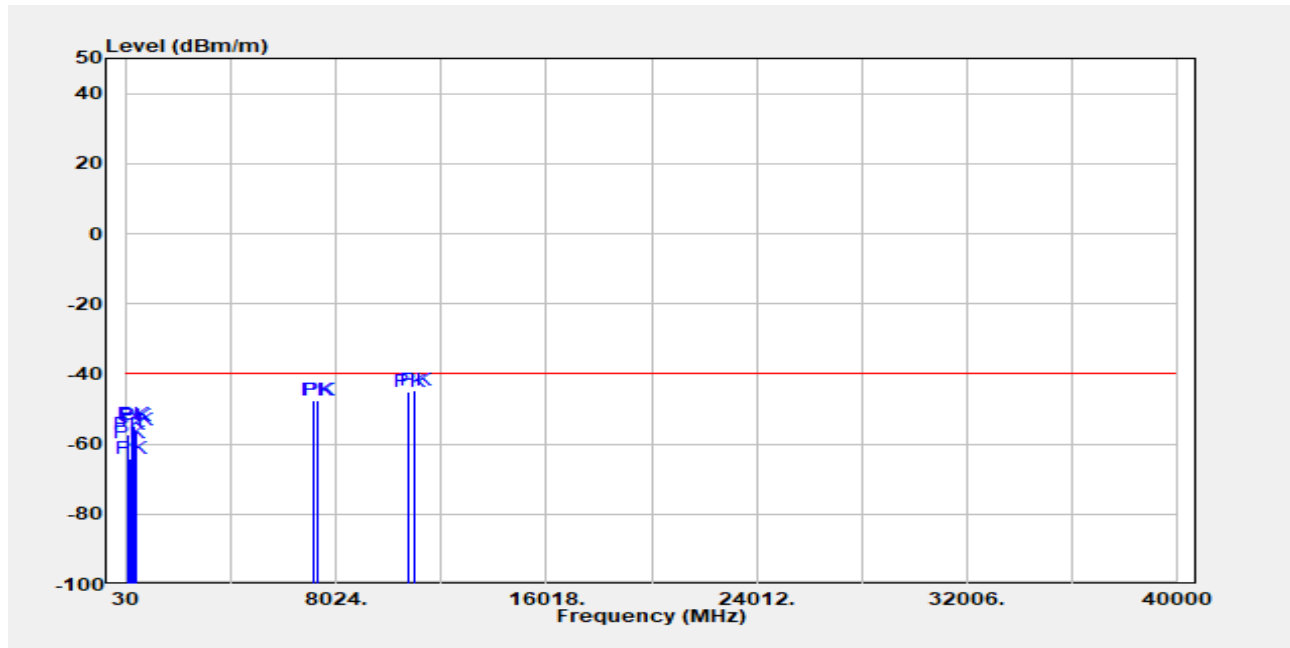
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Member of SGS Group

Report Number :TERF2605001806ER
 Operation Mode :n48C
 Test Mode :Tx
 EUT Pol :NB Mode
 Test Frequency :3590.19 + 3654.99 MHz

Test Site :SAC 1
 Test Date :2026-07-12
 Temp./Humi. :23.8°C/58%
 Antenna Pol. :Vertical
 Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
48.43	-59.59	-48.34	-9.97	-1.28	-40.00	-19.59
84.32	-57.48	-56.48	0.68	-1.68	-40.00	-17.48
142.52	-64.07	-62.40	0.51	-2.19	-40.00	-24.07
223.03	-54.49	-59.08	7.32	-2.73	-40.00	-14.49
296.75	-54.87	-57.97	6.24	-3.14	-40.00	-14.87
371.44	-55.91	-59.05	6.67	-3.53	-40.00	-15.91
7180.38	-47.63	-42.41	10.74	-15.96	-40.00	-7.63
7309.98	-47.53	-42.09	10.66	-16.11	-40.00	-7.53
10770.57	-45.03	-36.26	10.98	-19.74	-40.00	-5.03
10964.97	-44.86	-35.70	10.73	-19.89	-40.00	-4.86

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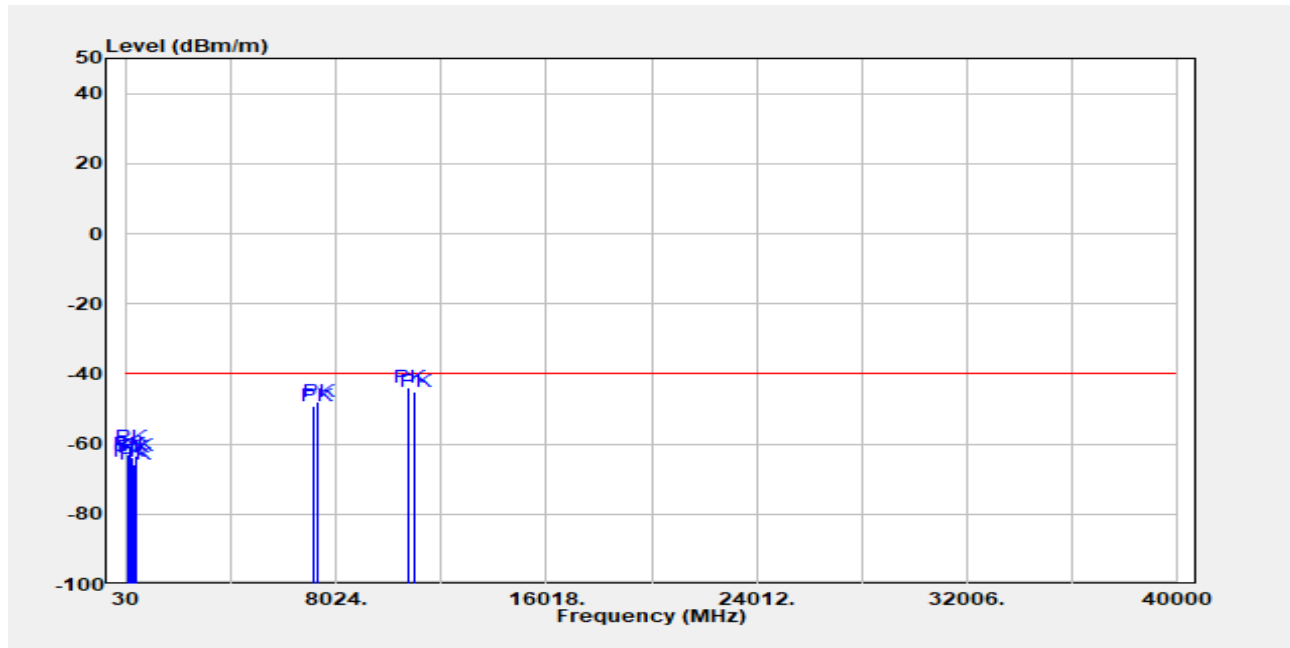
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Report Number :TERF2605001806ER
 Operation Mode :n48C
 Test Mode :Tx
 EUT Pol :NB Mode
 Test Frequency :3590.19 + 3654.99 MHz

Test Site :SAC 1
 Test Date :2026-07-12
 Temp./Humi. :23.8°C/58%
 Antenna Pol. :Horizontal
 Engineer :WJ Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit dBm	Margin dB
48.43	-63.10	-51.85	-9.97	-1.28	-40.00	-23.10
89.17	-64.87	-64.68	1.54	-1.73	-40.00	-24.87
161.92	-60.89	-59.77	1.21	-2.33	-40.00	-20.89
223.03	-63.84	-68.43	7.32	-2.73	-40.00	-23.84
305.48	-66.01	-69.15	6.32	-3.19	-40.00	-26.01
401.51	-63.54	-66.45	6.57	-3.67	-40.00	-23.54
7180.38	-49.17	-43.95	10.74	-15.96	-40.00	-9.17
7309.98	-48.10	-42.65	10.66	-16.11	-40.00	-8.10
10770.57	-43.98	-35.22	10.98	-19.74	-40.00	-3.98
10964.97	-45.13	-35.97	10.73	-19.89	-40.00	-5.13

End of Report

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