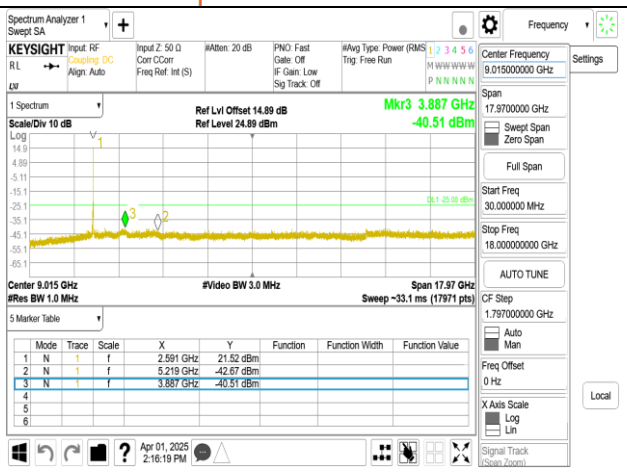
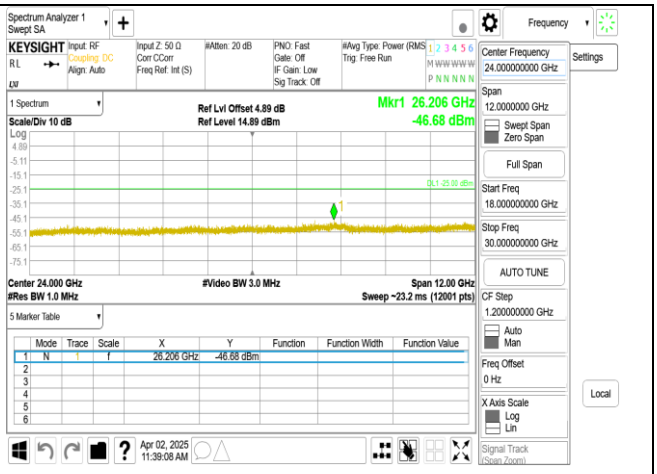
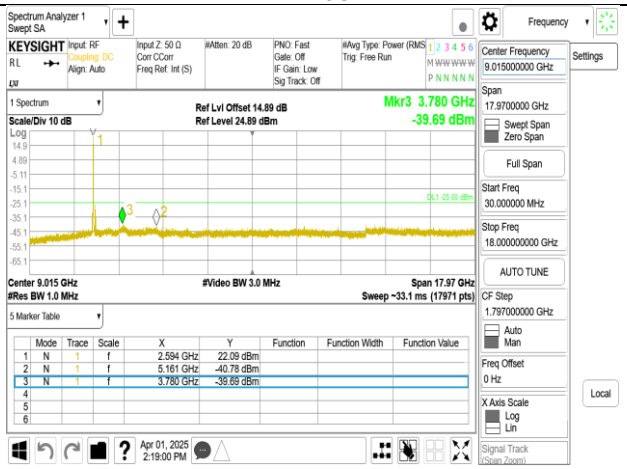


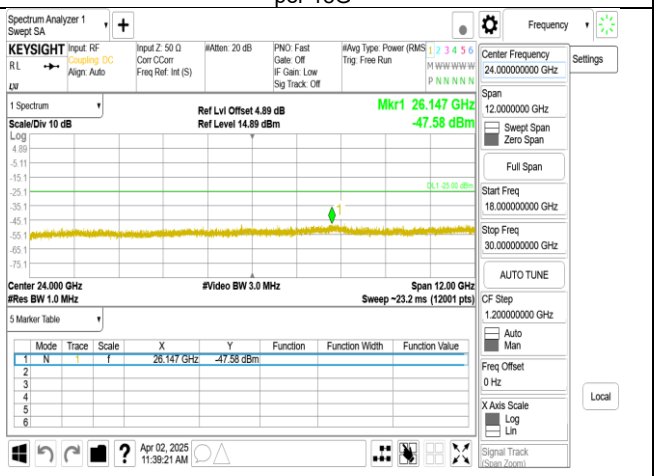
Band38_20MHz+20MHz_QPSK_RB1-99_1-0_CH37850-38048_below 18G



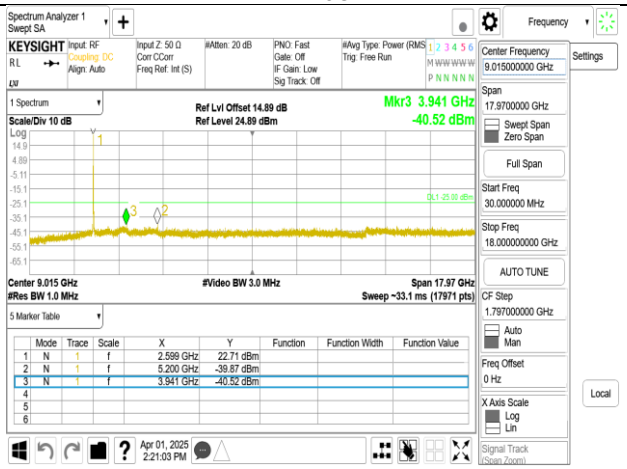
Band38_20MHz+20MHz_QPSK_RB1-99_1-0_CH37850-38048_upper 18G



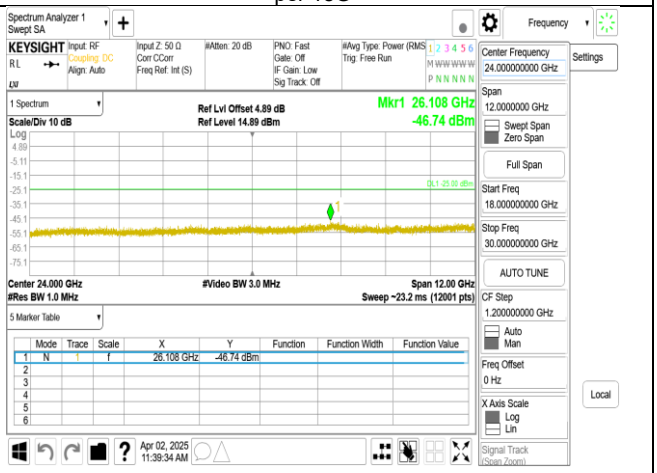
Band38_20MHz+20MHz_QPSK_RB1-99_1-0_CH37901-38099_below 18G



Band38_20MHz+20MHz_QPSK_RB1-99_1-0_CH37901-38099_upper 18G



Band38_20MHz+20MHz_QPSK_RB1-99_1-0_CH37952-38150_below 18G



Band38_20MHz+20MHz_QPSK_RB1-99_1-0_CH37952-38150_upper 18G

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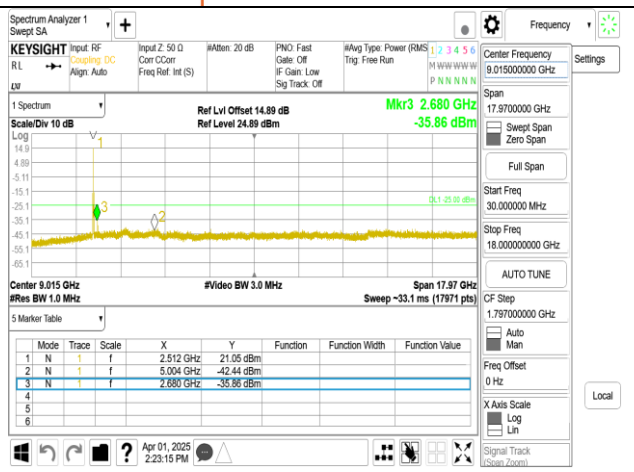
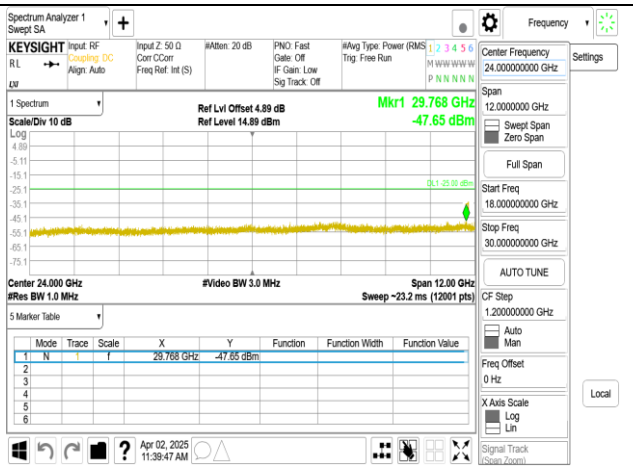
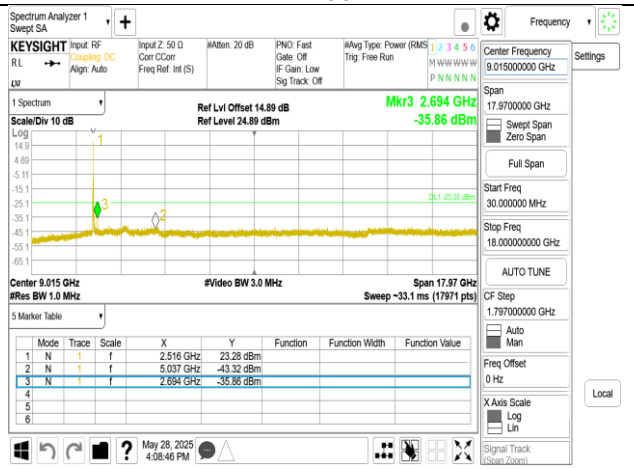


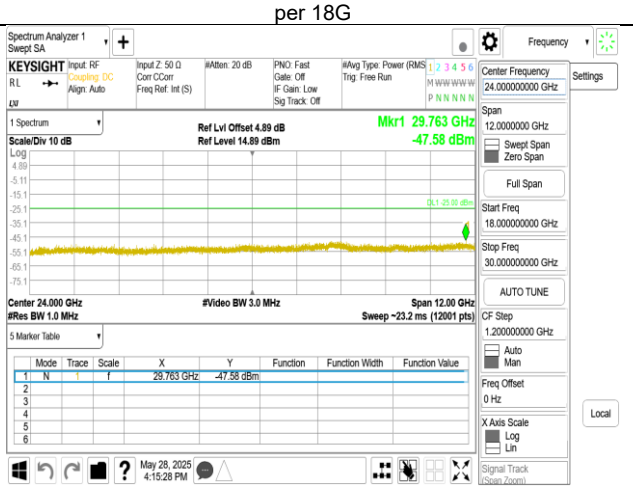
Band41_15MHz+15MHz_QPSK_RB1-74_1-0_CH39725-39875_below 18G



Band41_15MHz+15MHz_QPSK_RB1-74_1-0_CH39725-39875_upper 18G



Band41_15MHz+15MHz_QPSK_RB1-74_1-0_CH39768-39918_below 18G



Band41_15MHz+15MHz_QPSK_RB1-74_1-0_CH39768-39918_upper 18G

Band41_15MHz+15MHz_QPSK_RB1-74_1-0_CH40545-40695_below 18G

Band41_15MHz+15MHz_QPSK_RB1-74_1-0_CH40545-40695_upper 18G

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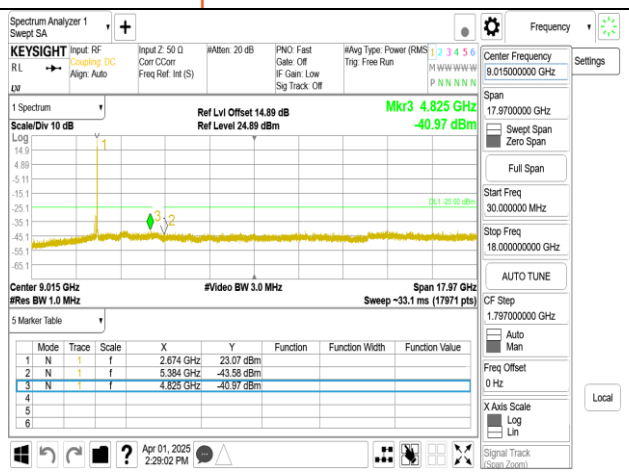
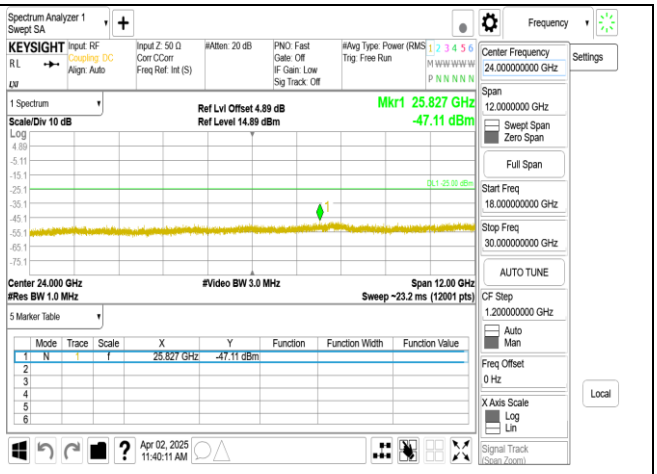
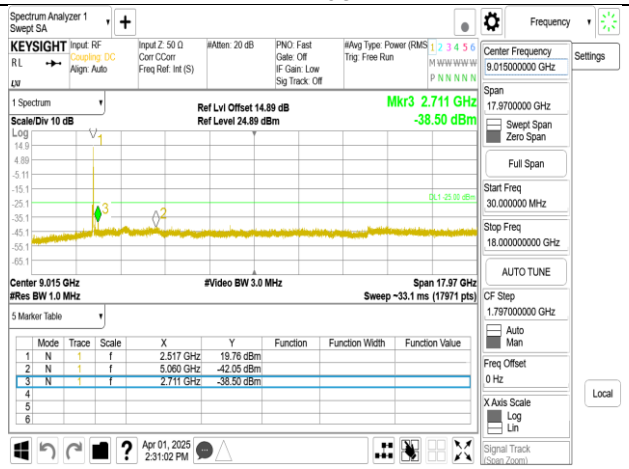


Band41_15MHz+15MHz_QPSK_RB1-74_1-0_CH41365-41515_below 18G



Band41_15MHz+15MHz_QPSK_RB1-74_1-0_CH41365-41515_upper 18G



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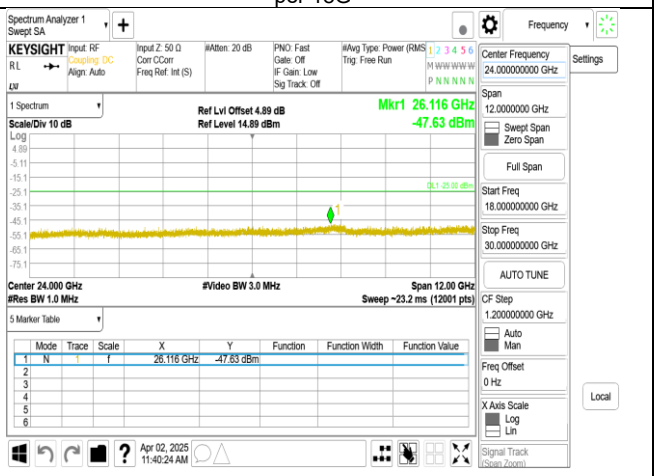
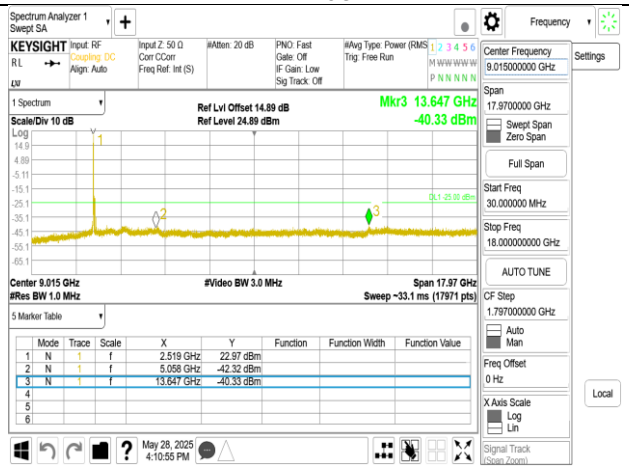
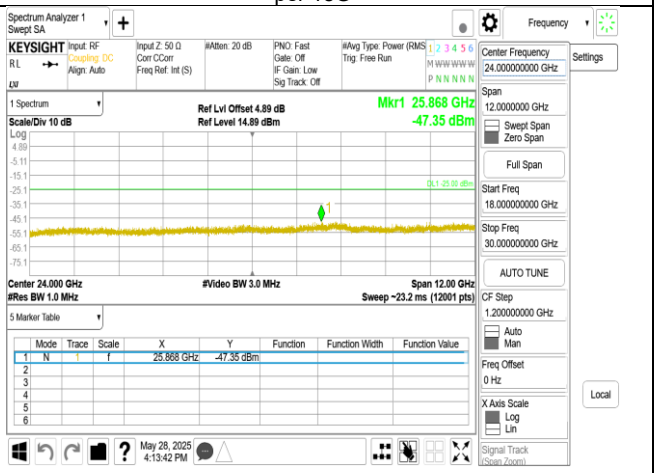


Band41_20MHz+20MHz_QPSK_RB1-99_1-0_CH39750-39948_upper 18G



Band41_20MHz+20MHz_QPSK_RB1-99_1-0_CH39790-39988_below 18G



Band41_20MHz+20MHz_QPSK_RB1-99_1-0_CH39790-39988_upper 18G

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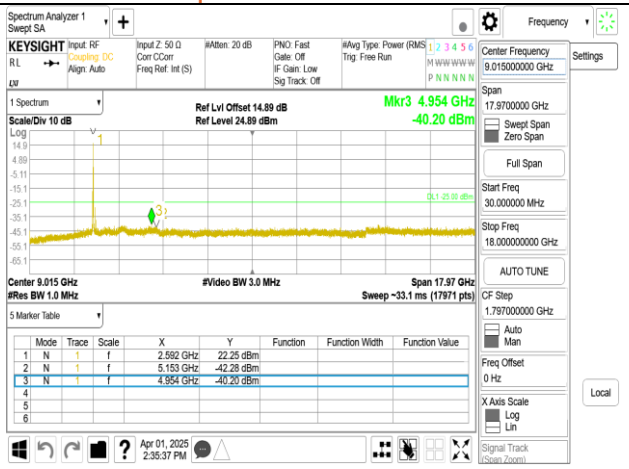
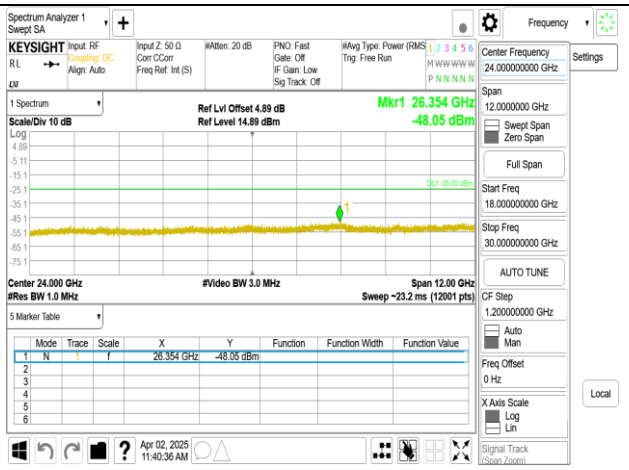
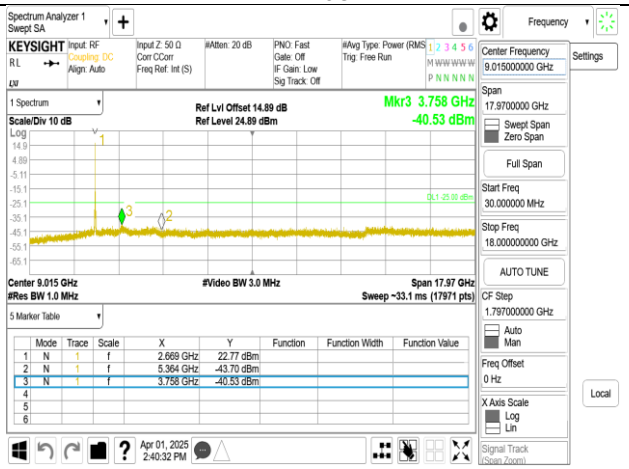


Band41_20MHz+20MHz_QPSK_RB1-99_1-0_CH40521-40719_below 18G



Band41_20MHz+20MHz_QPSK_RB1-99_1-0_CH40521-40719_upper 18G



Band41_20MHz+20MHz_QPSK_RB1-99_1-0_CH41292-41490_below 18G

Band41_20MHz+20MHz_QPSK_RB1-99_1-0_CH41292-41490_upper 18G

Band66B_10MHz+10MHz_QPSK_RB1-49_1-0_CH132022-132121_below 18G

Band66B_10MHz+10MHz_QPSK_RB1-49_1-0_CH132373-132472_below 18G

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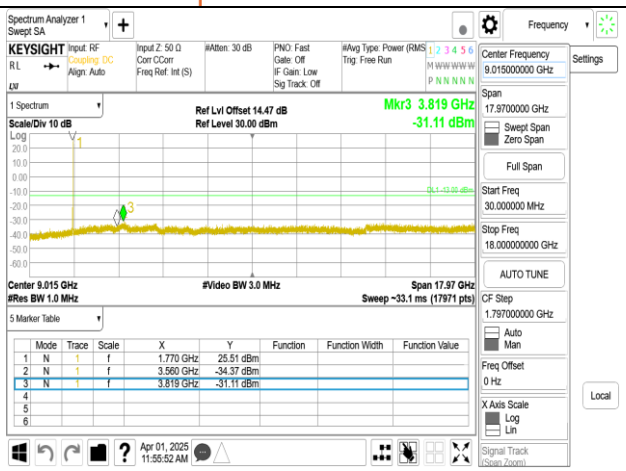
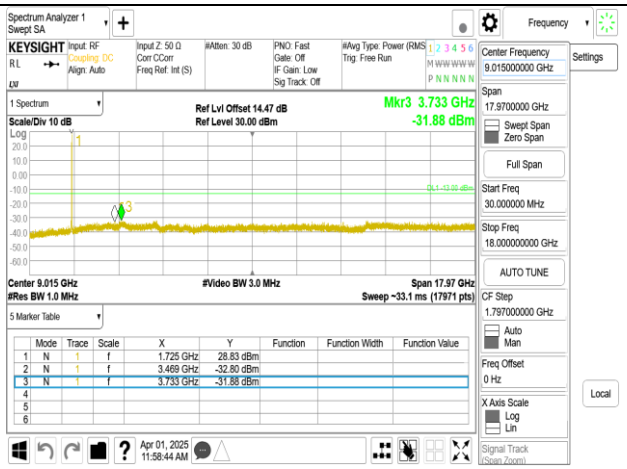


Band66B_10MHz+10MHz_QPSK_RB1-49_1-0_CH132523-132622_below 18G



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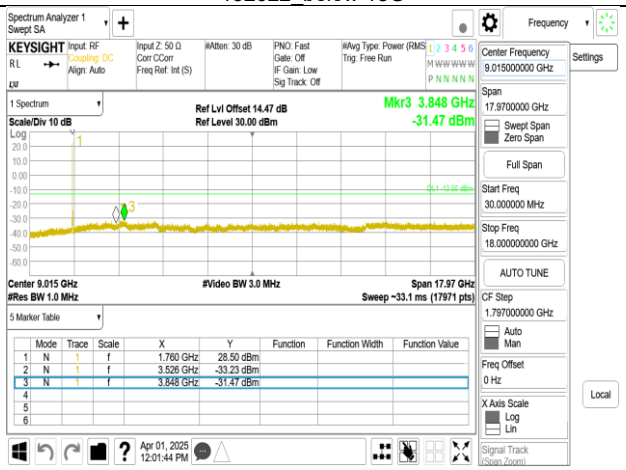

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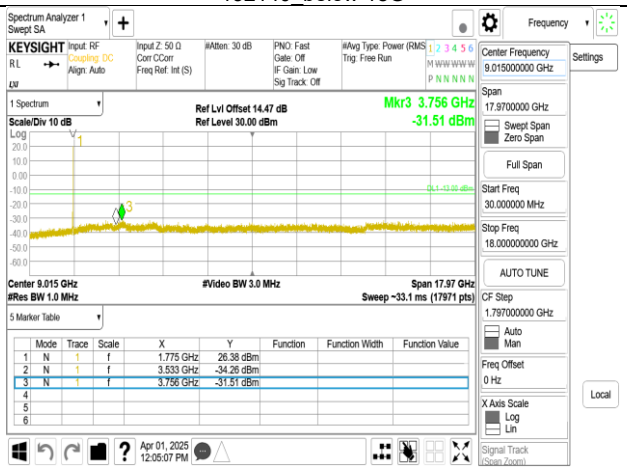
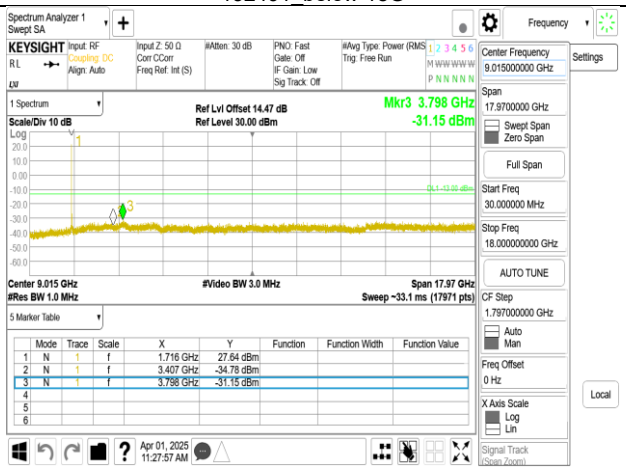
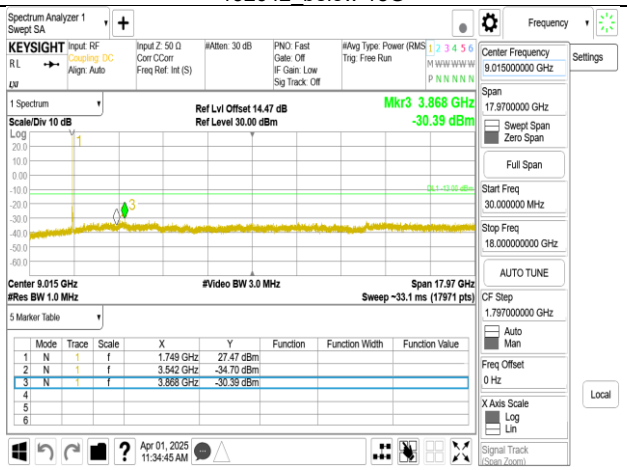


Band66B_15MHz+5MHz_QPSK_RB1-74_1-0_CH132549-132642_below 18G



Band66_5MHz+20MHz_QPSK_RB1-24_1-0_CH132005-132122_below 18G



Band66_5MHz+20MHz_QPSK_RB1-24_1-0_CH132330-132447_below 18G

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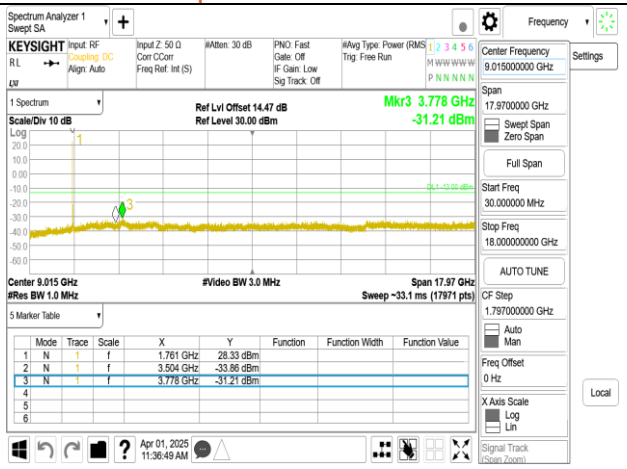
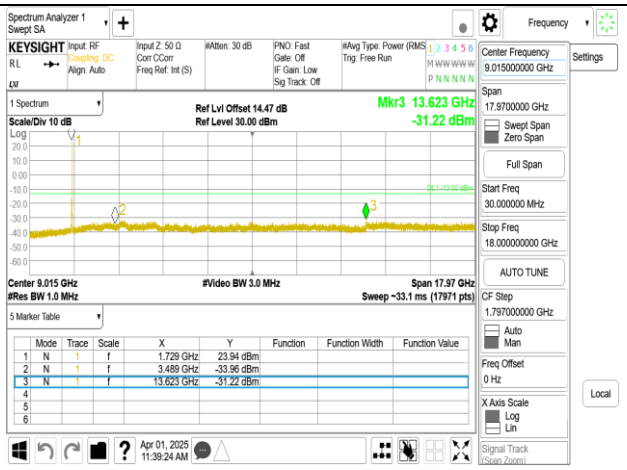


Band66_5MHz+20MHz_QPSK_RB1-24_1-0_CH132455-132572_below 18G



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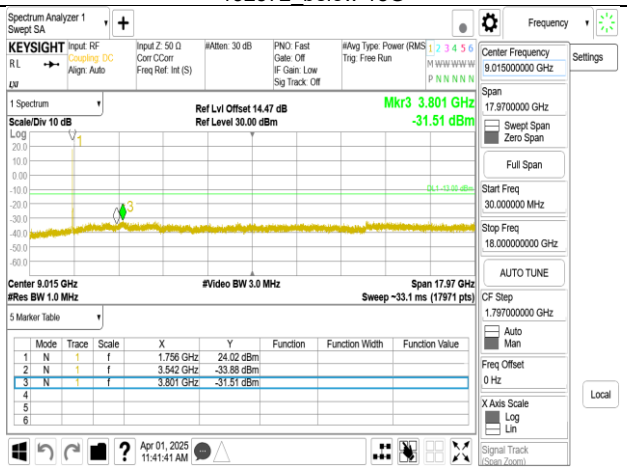

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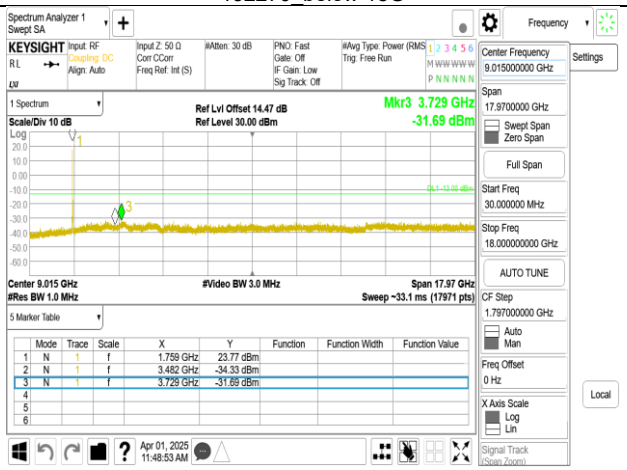

Band66_20MHz+20MHz_QPSK_RB1-99_1-0_CH132374-132572_below 18G

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10 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

10.1 Standard Applicable

According to FCC §2.1053,
FCC§24.238(a), §27.53(h)
RSS-133 §5.6, RSS-139 §5.6, RSS-199 §4.5
Out of band emissions.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.

FCC §27.53(h)(1)

(h) *AWS emission limits*—(1) *General protection levels.* Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 $\log_{10}$ (P) dB.

ISED RSS-133 §5.6

Unwanted emissions shall be measured in terms of average values while the transmitter is operating at the manufacturer's rated power and modulated as specified in RSS-Gen. Equipment shall meet the unwanted emission limits, specified in table 3, outside each frequency block group. For each channel bandwidth supported by the equipment under test, the unwanted emissions shall be measured and reported for two channel frequencies: one located as close as possible to the low end and one located as close as possible to the high end of the equipment's operating frequency range. For the unwanted emission limits, in the 1 MHz bands immediately outside and adjacent to the frequency block group, the power shall be measured with a resolution bandwidth of at least 1% of the occupied bandwidth (OBW). Beyond these 1 MHz bands, a resolution bandwidth of 1 MHz shall be used. A narrower resolution bandwidth may be used, provided that the Personal Communications Service Equipment Operating in the Bands 1850-1915 MHz and 1930-1995 MHz RSS-133 6 measured power is integrated over the full required measurement bandwidth of 1 MHz, or 1% of the OBW, as applicable. For all equipment, the TRP or total conducted power (sum of conducted power across all antenna connectors), where applicable, of the unwanted emissions outside the frequency block or frequency block group shall not exceed the limits shown in the table 3.

Table 3: Unwanted emission limits for all equipment

Offset frequency from the edge of the frequency block group (MHz)	Unwanted emission limits
≤1	-13 dBm/(1% of OB*)
>1 MHz	-13 dBm/MHz

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ISED RSS-139 §5.6

Unwanted emissions shall be measured in terms of average values.

For all equipment, the TRP or total conducted power (sum of conducted power across all antenna connectors) of the unwanted emissions outside the frequency block or frequency block group shall not exceed the limits shown in table 6.

Table 6: Table 6: Unwanted emission limits	
Offset from the edge of the frequency block or frequency block group	**Unwanted emission limits**
1 MHz	-13 dBm/(1% of OB*)
>1 MHz	-13 dBm/MHz
Subscriber equipment	30 dBm e.i.r.p./channel bandwidth

*OB is the occupied bandwidth.

In addition to complying with the above limits, equipment operating in the band 2180-2200 MHz may require additional filtering (see SRSP-519).

FCC §27.53(m) (4) (6)

For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees.

Measurement procedure. Compliance with these rules is based on the use of measurement nstrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed; for mobile digital stations, in the 1 megahertz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least two percent may be employed, except when the 1 megahertz band is 2495-2496 MHz, in which case a resolution bandwidth of at least one percent may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e. 1 megahertz or 1 percent of emission bandwidth, as specified; or 1 megahertz or 2 percent for mobile digital stations, except in the band 2495-2496 MHz). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power. With respect to television operations, measurements must be made of the separate visual and aural operating powers at sufficiently frequent intervals to ensure compliance with the rules.

RSS-199 §4.5

In the 1 MHz band immediately outside and adjacent to the channel edge, the unwanted emission power shall be measured with a resolution bandwidth of at least 1% of the occupied bandwidth for

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base station and fixed subscriber equipment, and 2% for mobile subscriber equipment. Beyond the 1 MHz band, a resolution bandwidth of 1 MHz shall be used. A narrower resolution bandwidth can be used, provided that the measured power is integrated over the full required measurement bandwidth of 1 MHz, or 1% or 2% of the occupied bandwidth, as applicable.
Equipment shall comply with the following unwanted emission limits:
for base station and fixed subscriber equipment, the power of any unwanted emissions measured as above shall be attenuated (in dB) below the transmitter power, P (dBW), by at least 43 + 10 log10 p for mobile subscriber equipment, the power of any unwanted emissions measured as above shall be attenuated (in dB) below the transmitter power, P (dBW), by at least:

40 + 10 log10 p from the channel edges to 5 MHz away

43 + 10 log10 p between 5 MHz and X MHz from the channel edges, and

55 + 10 log10 p at X MHz and beyond from the channel edges

In addition, the attenuation shall not be less than 43 + 10 log10 p on all frequencies between 2490.5 MHz and 2496 MHz, and 55 + 10 log10 p at or below 2490.5 MHz.
In (a) and (b), p is the transmitter power measured in watts and X is 6 MHz or the equipment occupied bandwidth, whichever is greater.

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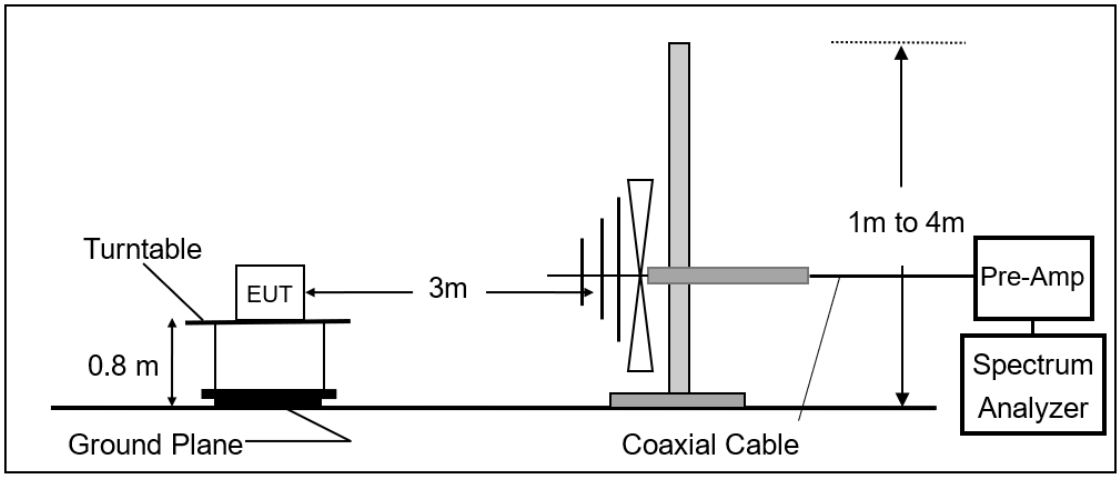
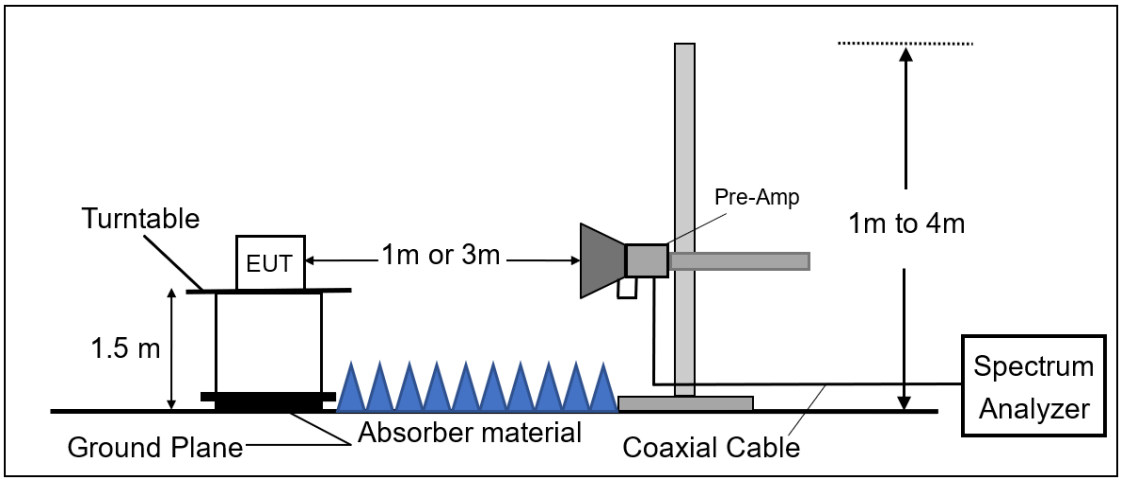
10.2 EUT Setup

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



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



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10.3 Measurement Procedure:

The EUT was placed on a non-conductive; the measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations.

The frequency range up to tenth harmonic was investigated for each of three fundamental frequencies (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method.

The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency.
ERP (dBm) = SG Level(dBm) + Antenna Gain(dBd) + Cable Loss(dB)
EIRP (dBm) = SG Level(dBm) + Antenna Gain(dBi) + Cable Loss(dB)

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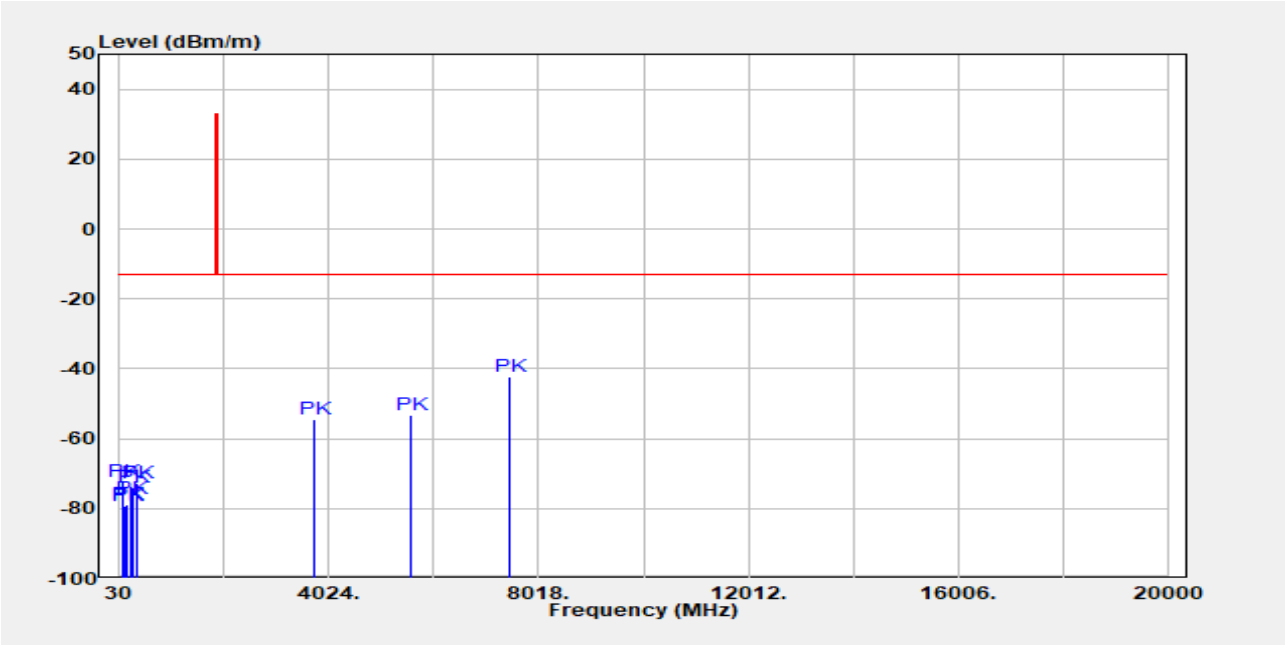
10.4 Measurement Result:

Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 2C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:1865 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
80.440	-72.46	-67.88	-2.94	-1.64	-13.00	-59.46
148.340	-79.20	-75.32	-1.66	-2.23	-13.00	-66.20
179.380	-78.89	-77.60	1.16	-2.45	-13.00	-65.89
230.790	-77.16	-78.98	4.60	-2.77	-13.00	-64.16
296.750	-73.85	-74.50	3.79	-3.14	-13.00	-60.85
373.380	-72.96	-73.52	4.09	-3.53	-13.00	-59.96
3730.000	-54.38	-55.48	12.50	-11.40	-13.00	-41.38
5595.000	-53.15	-52.42	13.38	-14.11	-13.00	-40.15
7460.000	-42.42	-37.02	11.00	-16.40	-13.00	-29.42

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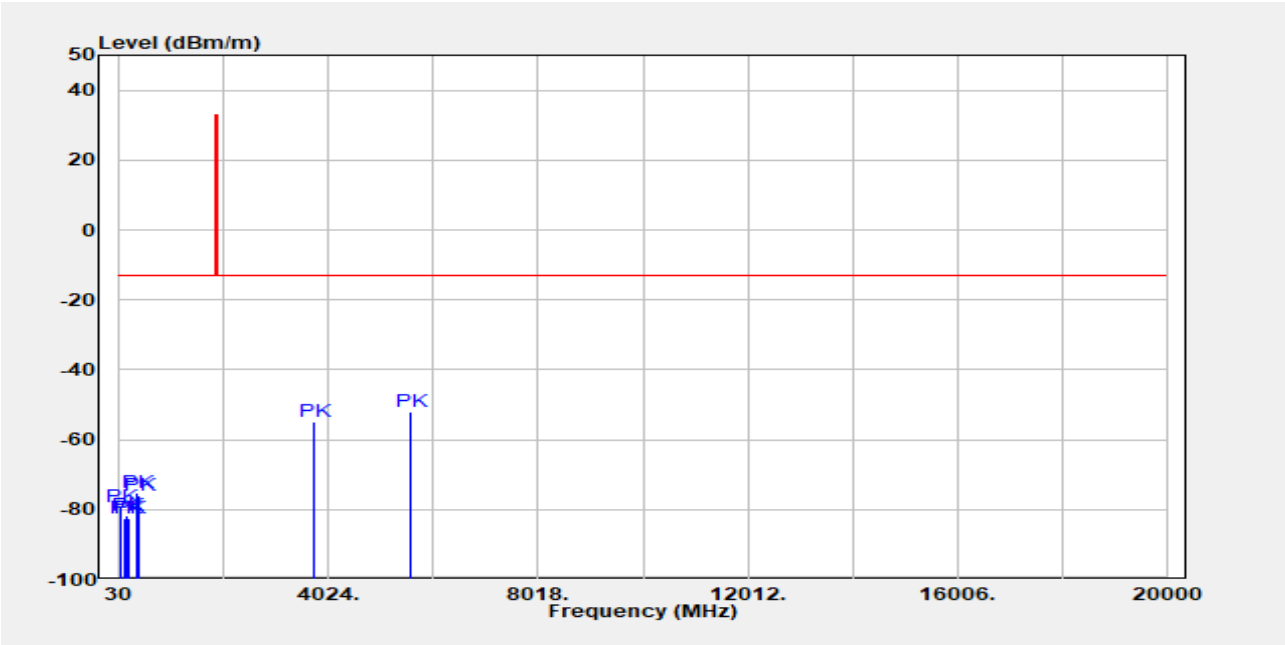
Operation Mode	:ULCA 2C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:1865 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
57.160	-79.24	-67.31	-10.54	-1.39	-13.00	-66.24
120.210	-82.41	-78.87	-1.52	-2.01	-13.00	-69.41
174.530	-81.52	-79.57	0.46	-2.42	-13.00	-68.52
213.330	-82.42	-84.21	4.46	-2.67	-13.00	-69.42
376.290	-75.38	-75.88	4.04	-3.54	-13.00	-62.38
402.480	-76.11	-76.38	3.92	-3.66	-13.00	-63.11
3730.000	-55.07	-56.17	12.50	-11.40	-13.00	-42.07
5595.000	-51.83	-51.10	13.38	-14.11	-13.00	-38.83

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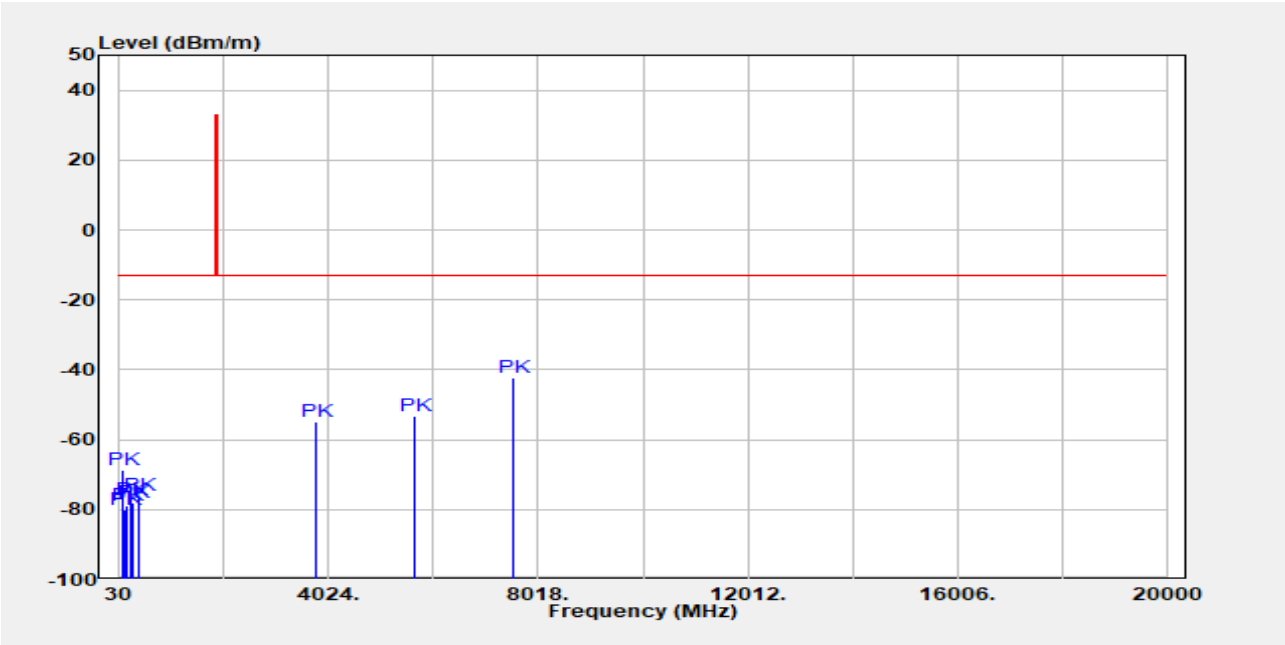
Operation Mode	:ULCA 2C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:1880 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
76.560	-68.85	-62.87	-4.37	-1.60	-13.00	-55.85
126.030	-79.92	-76.15	-1.71	-2.06	-13.00	-66.92
179.380	-78.77	-77.48	1.16	-2.45	-13.00	-65.77
229.820	-77.06	-79.01	4.72	-2.77	-13.00	-64.06
277.350	-78.07	-78.72	3.69	-3.05	-13.00	-65.07
405.390	-76.08	-76.35	3.94	-3.67	-13.00	-63.08
3760.000	-54.71	-55.77	12.50	-11.44	-13.00	-41.71
5640.000	-53.26	-52.58	13.48	-14.17	-13.00	-40.26
7520.000	-42.18	-36.81	11.08	-16.45	-13.00	-29.18

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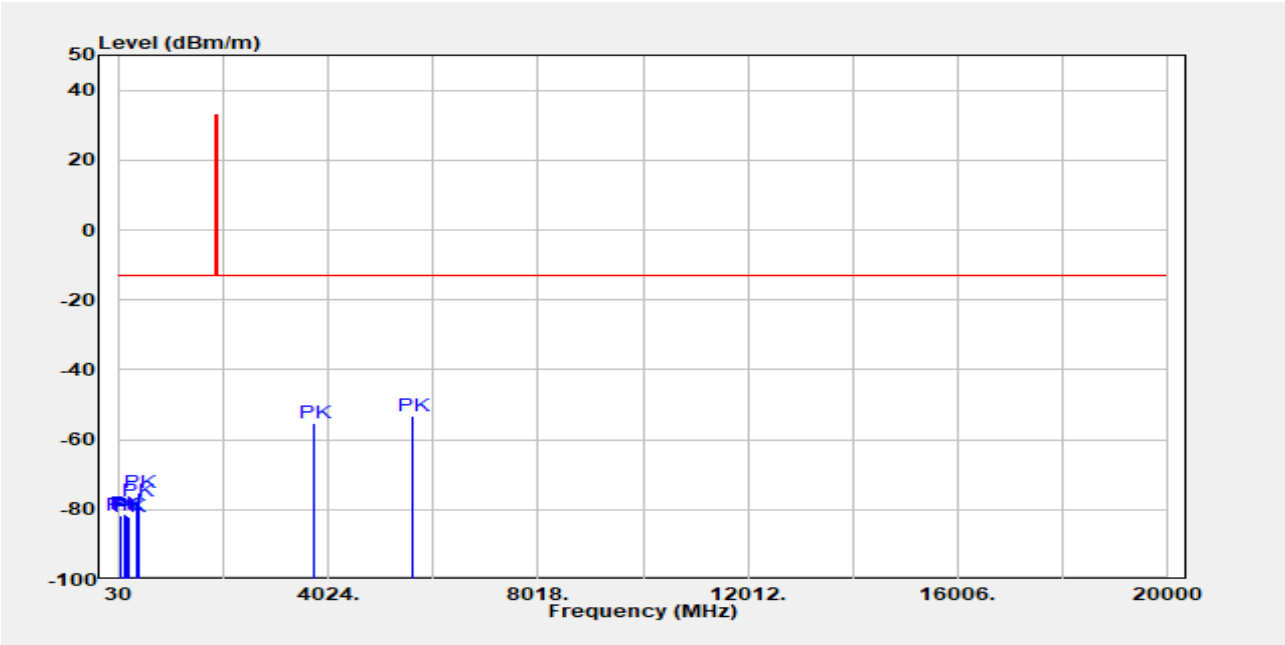
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:1880 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
63.950	-81.82	-71.74	-8.61	-1.46	-13.00	-68.82
122.150	-81.31	-77.78	-1.51	-2.03	-13.00	-68.31
169.680	-81.64	-79.17	-0.09	-2.39	-13.00	-68.64
216.240	-82.21	-84.10	4.58	-2.69	-13.00	-69.21
368.530	-77.45	-78.11	4.17	-3.50	-13.00	-64.45
411.210	-75.23	-75.60	4.06	-3.70	-13.00	-62.23
3745.000	-55.25	-56.32	12.50	-11.42	-13.00	-42.25
5617.500	-53.07	-52.36	13.44	-14.14	-13.00	-40.07

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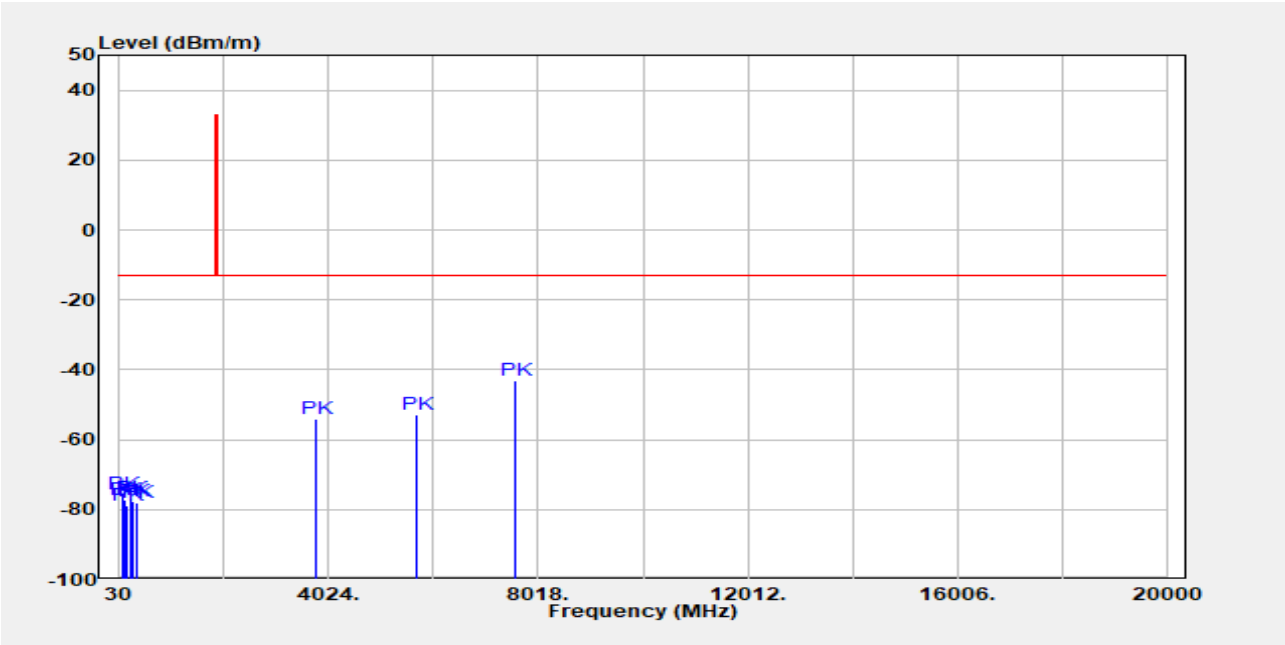
Test Frequency	:1895 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
83.350	-75.44	-71.74	-2.03	-1.67	-13.00	-62.44
136.700	-77.16	-73.31	-1.71	-2.14	-13.00	-64.16
178.410	-78.67	-77.28	1.05	-2.44	-13.00	-65.67
230.790	-76.89	-78.71	4.60	-2.77	-13.00	-63.89
280.260	-77.72	-78.37	3.72	-3.06	-13.00	-64.72
371.440	-77.96	-78.56	4.12	-3.52	-13.00	-64.96
3790.000	-53.93	-54.94	12.50	-11.49	-13.00	-40.93
5685.000	-52.98	-52.11	13.36	-14.23	-13.00	-39.98
7580.000	-43.08	-37.77	11.20	-16.52	-13.00	-30.08

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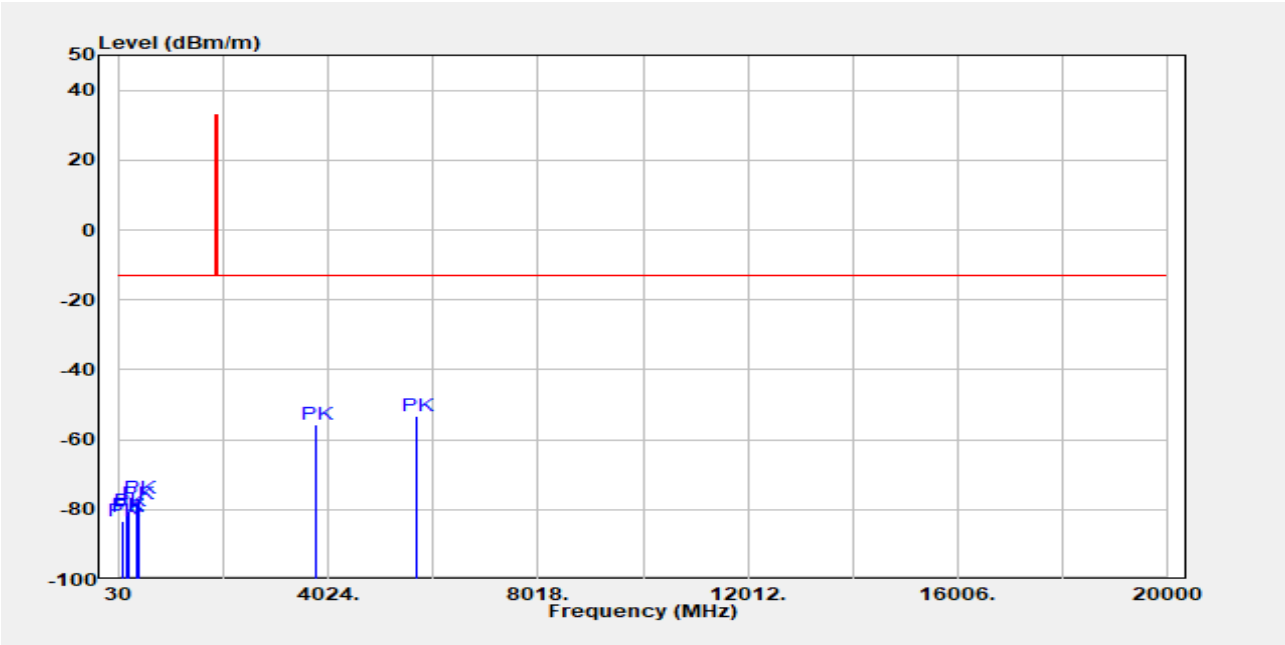
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:1895 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
88.200	-83.31	-80.48	-1.11	-1.72	-13.00	-70.31
152.220	-81.96	-78.15	-1.55	-2.26	-13.00	-68.96
172.590	-81.83	-79.60	0.18	-2.41	-13.00	-68.83
201.690	-80.39	-81.59	3.81	-2.60	-13.00	-67.39
343.310	-78.37	-79.02	4.03	-3.38	-13.00	-65.37
415.090	-76.88	-77.30	4.14	-3.72	-13.00	-63.88
3790.000	-55.66	-56.68	12.50	-11.49	-13.00	-42.66
5685.000	-53.41	-52.54	13.36	-14.23	-13.00	-40.41

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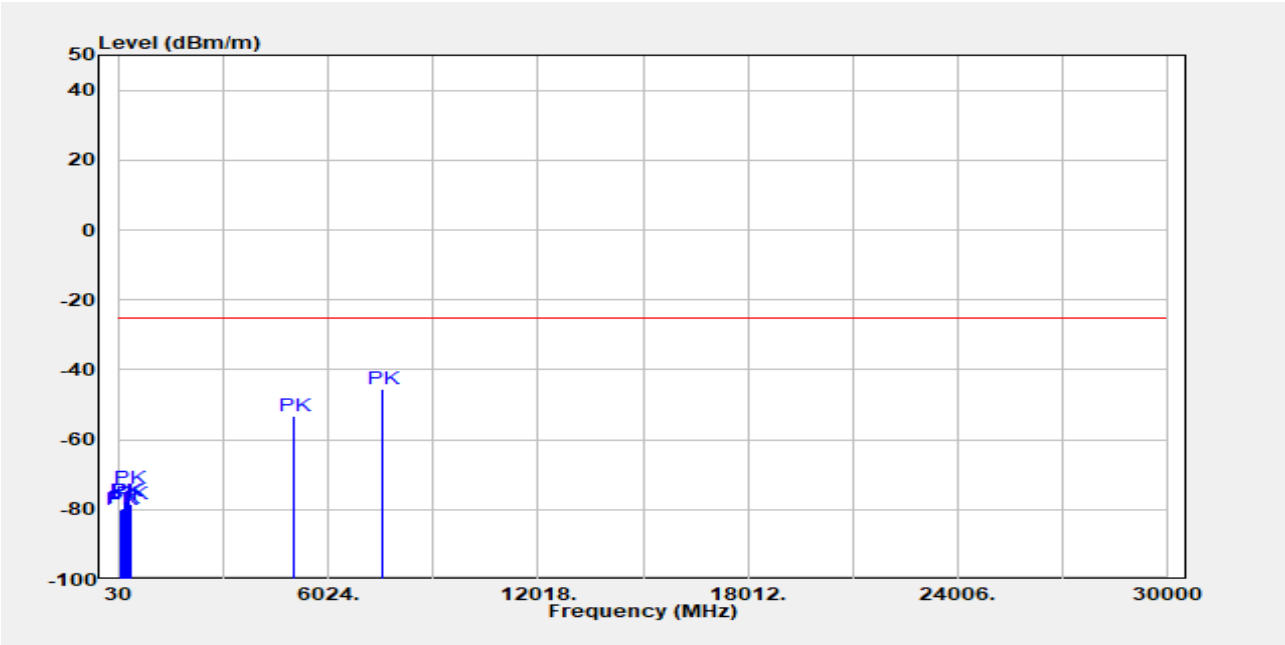
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 7C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:2515 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
80.440	-80.10	-75.52	-2.94	-1.64	-25.00	-55.10
135.730	-79.74	-75.84	-1.77	-2.13	-25.00	-54.74
179.380	-77.45	-76.17	1.16	-2.45	-25.00	-52.45
228.850	-77.55	-79.56	4.78	-2.76	-25.00	-52.55
279.290	-74.14	-74.80	3.71	-3.06	-25.00	-49.14
327.790	-78.31	-78.88	3.88	-3.31	-25.00	-53.31
5030.000	-53.12	-52.32	12.54	-13.34	-25.00	-28.12
7545.000	-45.54	-40.24	11.18	-16.48	-25.00	-20.54

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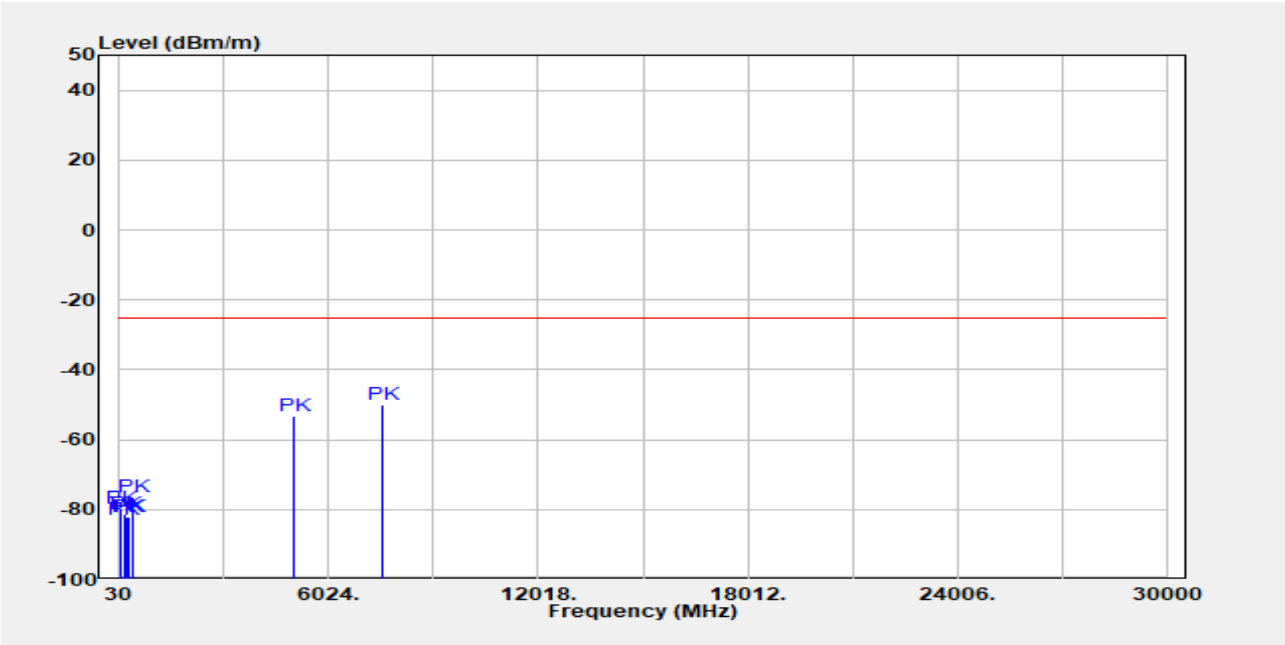
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 7C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:2515 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
63.950	-79.63	-69.56	-8.61	-1.46	-25.00	-54.63
92.080	-82.87	-80.26	-0.85	-1.76	-25.00	-57.87
170.650	-81.19	-78.76	-0.04	-2.39	-25.00	-56.19
209.450	-82.14	-83.78	4.29	-2.65	-25.00	-57.14
283.170	-82.24	-82.85	3.69	-3.08	-25.00	-57.24
385.990	-76.49	-76.80	3.89	-3.58	-25.00	-51.49
5030.000	-53.28	-52.49	12.54	-13.34	-25.00	-28.28
7545.000	-49.98	-44.68	11.18	-16.48	-25.00	-24.98

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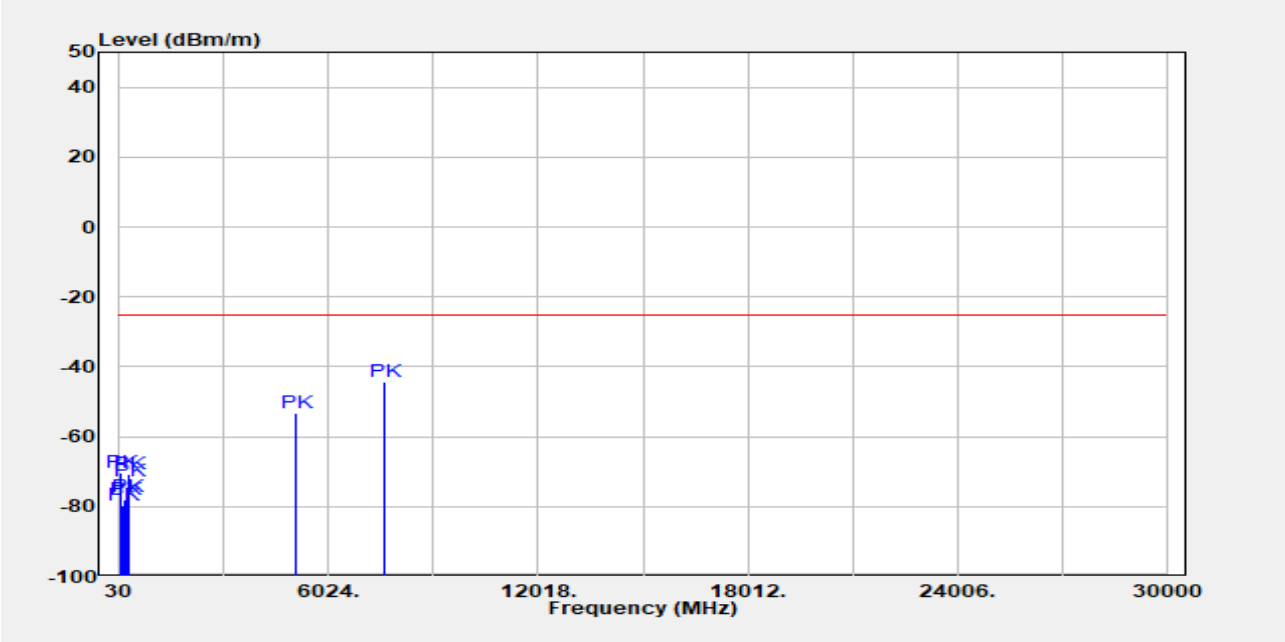
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 7C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:2535 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
76.560	-70.25	-64.28	-4.37	-1.60	-25.00	-45.25
130.880	-79.74	-75.87	-1.77	-2.10	-25.00	-54.74
179.380	-78.21	-76.93	1.16	-2.45	-25.00	-53.21
230.790	-77.14	-78.97	4.60	-2.77	-25.00	-52.14
275.410	-70.93	-71.57	3.67	-3.04	-25.00	-45.93
294.810	-72.67	-73.31	3.78	-3.13	-25.00	-47.67
5070.000	-53.35	-52.42	12.46	-13.40	-25.00	-28.35
7605.000	-44.38	-39.06	11.22	-16.55	-25.00	-19.38

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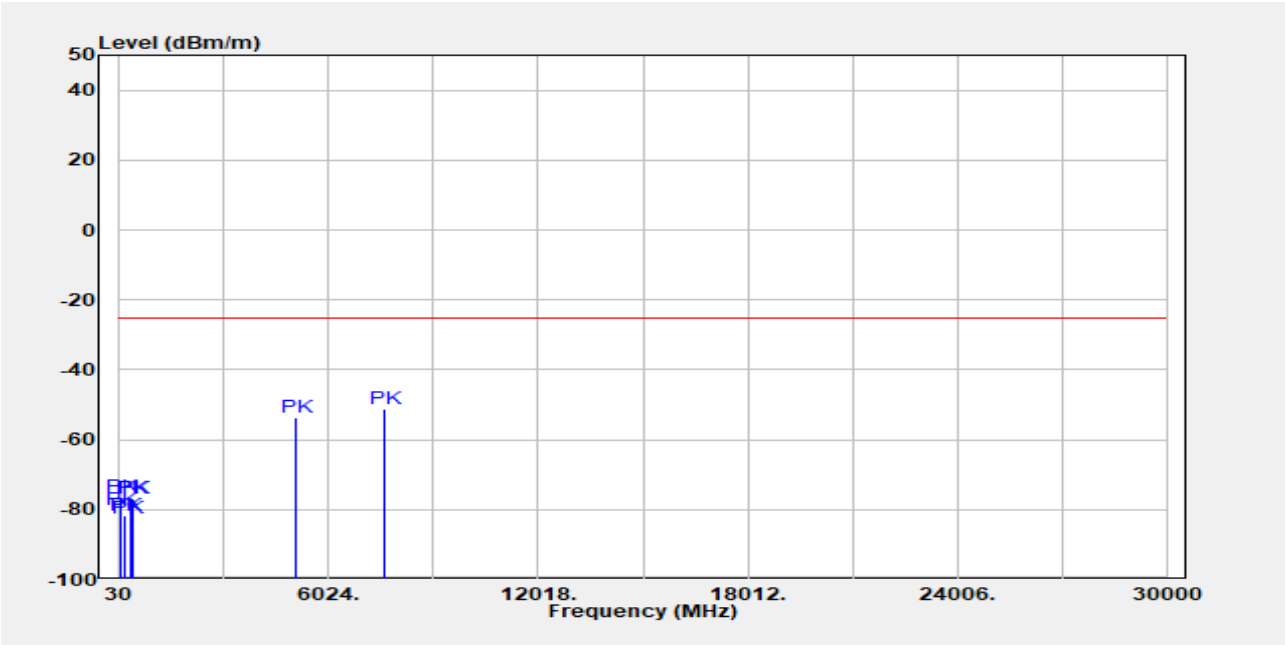
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 7C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:2535 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
49.400	-76.52	-63.12	-12.11	-1.29	-25.00	-51.52
83.350	-80.07	-76.37	-2.03	-1.67	-25.00	-55.07
171.620	-81.65	-79.28	0.03	-2.40	-25.00	-56.65
207.510	-82.60	-84.13	4.17	-2.64	-25.00	-57.60
377.260	-76.69	-77.16	4.02	-3.55	-25.00	-51.69
406.360	-76.86	-77.15	3.96	-3.68	-25.00	-51.86
5070.000	-53.56	-52.62	12.46	-13.40	-25.00	-28.56
7605.000	-51.10	-45.77	11.22	-16.55	-25.00	-26.10

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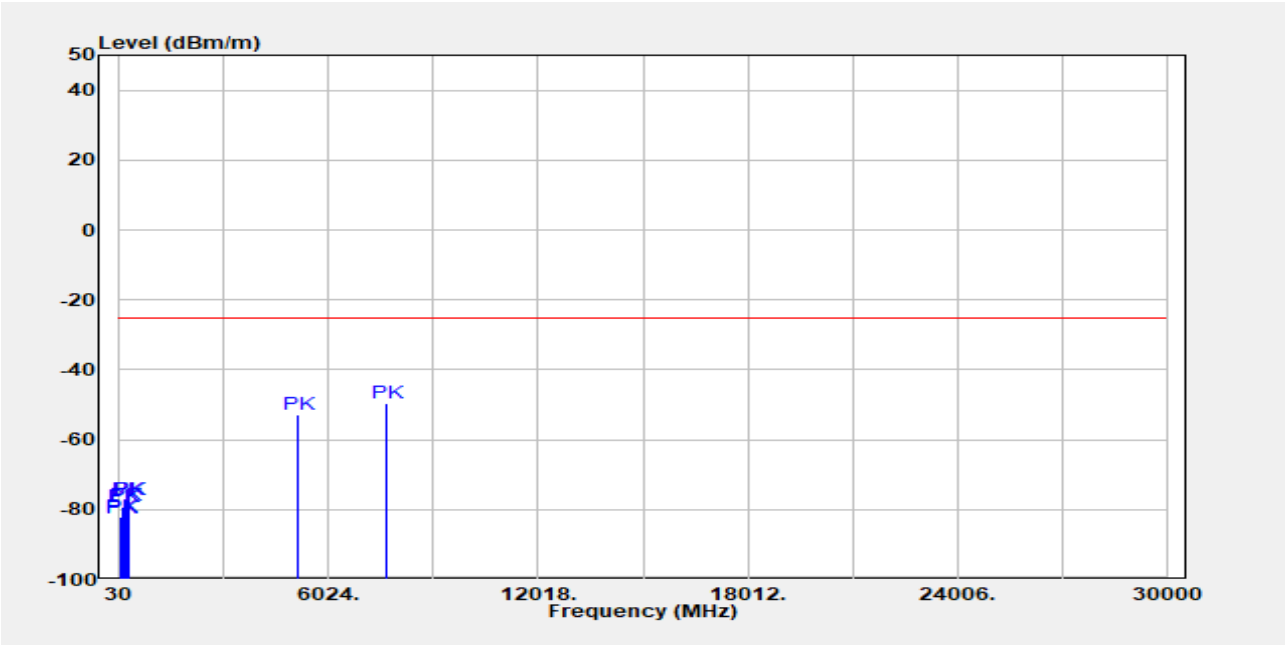
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 7C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:2555 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
48.430	-81.95	-68.40	-12.27	-1.28	-25.00	-56.95
79.470	-82.61	-77.65	-3.32	-1.63	-25.00	-57.61
140.580	-79.10	-75.17	-1.77	-2.16	-25.00	-54.10
178.410	-78.79	-77.40	1.05	-2.44	-25.00	-53.79
227.880	-77.22	-79.30	4.84	-2.76	-25.00	-52.22
281.230	-77.37	-78.02	3.71	-3.07	-25.00	-52.37
5110.000	-53.03	-51.97	12.40	-13.45	-25.00	-28.03
7665.000	-49.77	-44.58	11.43	-16.63	-25.00	-24.77

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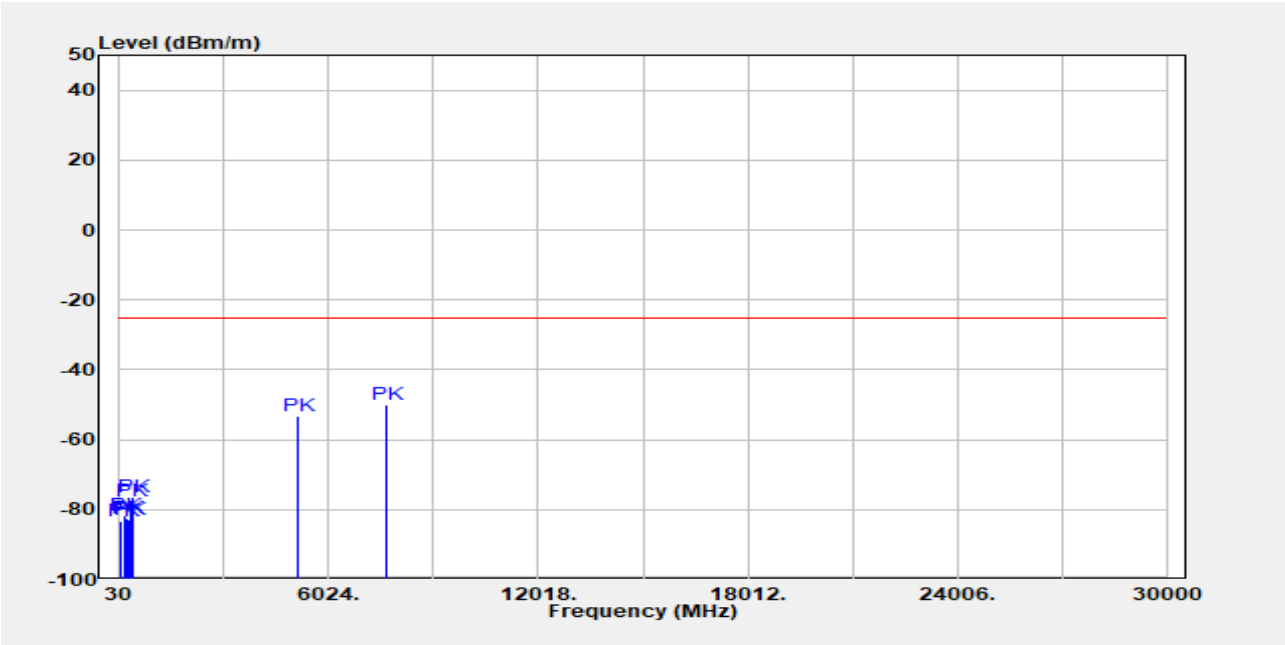
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 7C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:2555 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
93.050	-83.33	-80.61	-0.95	-1.77	-25.00	-58.33
177.440	-81.74	-80.21	0.91	-2.43	-25.00	-56.74
210.420	-82.56	-84.25	4.34	-2.65	-25.00	-57.56
268.620	-83.01	-83.93	3.93	-3.00	-25.00	-58.01
363.680	-77.55	-78.30	4.22	-3.48	-25.00	-52.55
401.510	-76.60	-76.87	3.92	-3.66	-25.00	-51.60
5110.000	-53.28	-52.23	12.40	-13.45	-25.00	-28.28
7665.000	-49.92	-44.72	11.43	-16.63	-25.00	-24.92

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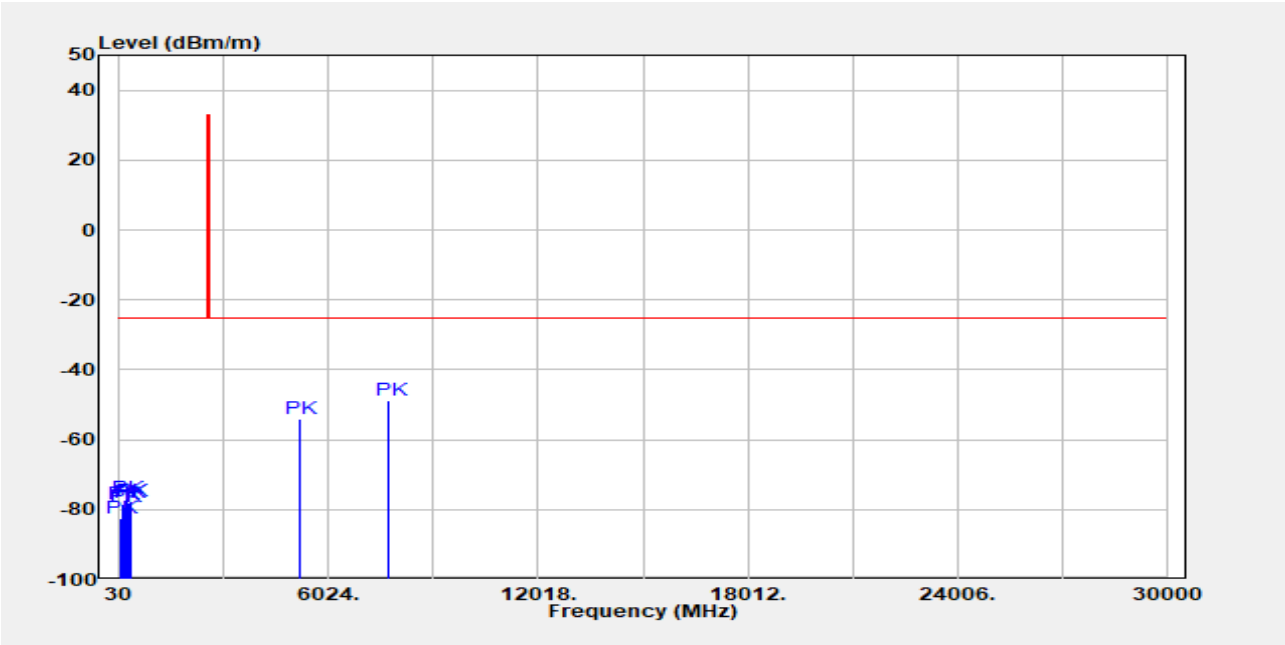
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 38C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:2585 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
59.100	-82.64	-71.23	-10.00	-1.41	-25.00	-57.64
127.970	-78.65	-74.90	-1.68	-2.07	-25.00	-53.65
179.380	-79.07	-77.78	1.16	-2.45	-25.00	-54.07
230.790	-76.99	-78.82	4.60	-2.77	-25.00	-51.99
280.260	-77.98	-78.64	3.72	-3.06	-25.00	-52.98
363.680	-77.70	-78.44	4.22	-3.48	-25.00	-52.70
5170.000	-54.07	-53.05	12.52	-13.54	-25.00	-29.07
7755.000	-48.90	-43.75	11.59	-16.73	-25.00	-23.90

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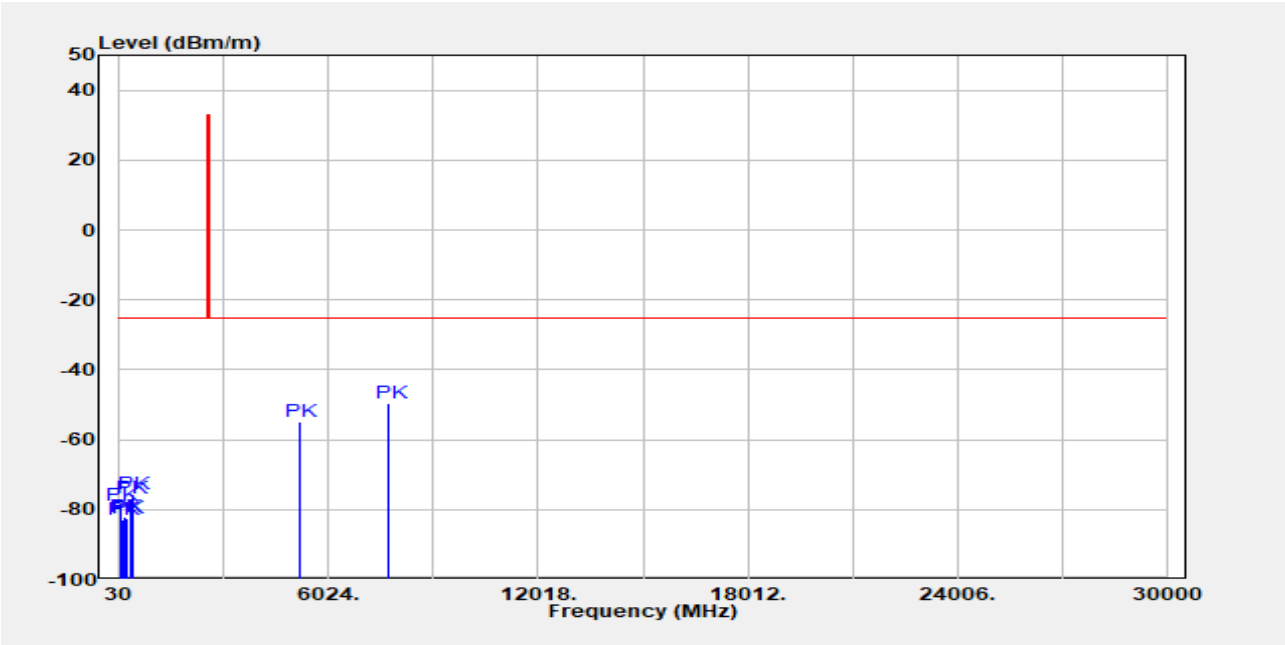
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 38C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:2585 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
54.250	-78.72	-66.19	-11.18	-1.35	-25.00	-53.72
123.120	-82.84	-79.19	-1.61	-2.03	-25.00	-57.84
162.890	-81.94	-78.82	-0.79	-2.33	-25.00	-56.94
209.450	-82.52	-84.16	4.29	-2.65	-25.00	-57.52
369.500	-76.85	-77.49	4.15	-3.51	-25.00	-51.85
402.480	-75.81	-76.07	3.92	-3.66	-25.00	-50.81
5170.000	-54.71	-53.69	12.52	-13.54	-25.00	-29.71
7755.000	-49.66	-44.52	11.59	-16.73	-25.00	-24.66

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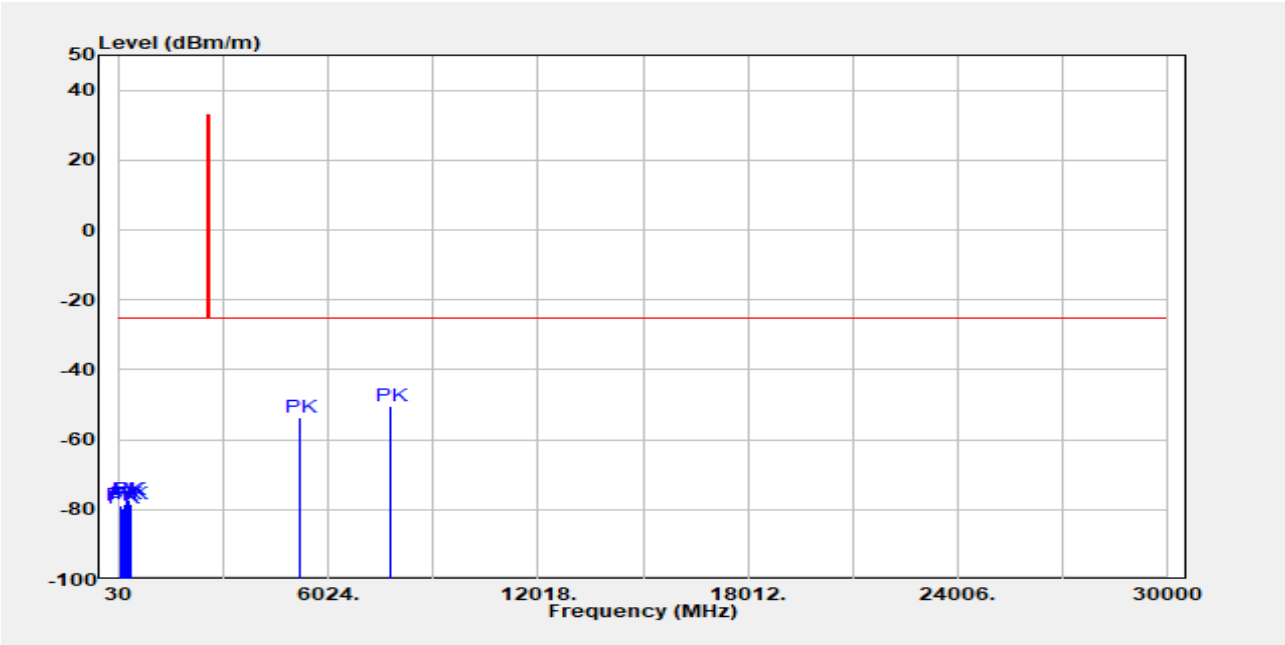
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 38C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:2595 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
76.560	-78.83	-72.86	-4.37	-1.60	-25.00	-53.83
132.820	-79.50	-75.74	-1.65	-2.11	-25.00	-54.50
178.410	-78.52	-77.13	1.05	-2.44	-25.00	-53.52
229.820	-77.29	-79.24	4.72	-2.77	-25.00	-52.29
279.290	-77.28	-77.93	3.71	-3.06	-25.00	-52.28
358.830	-78.46	-79.23	4.23	-3.45	-25.00	-53.46
5190.000	-53.70	-52.77	12.64	-13.57	-25.00	-28.70
7785.000	-50.31	-45.09	11.53	-16.76	-25.00	-25.31

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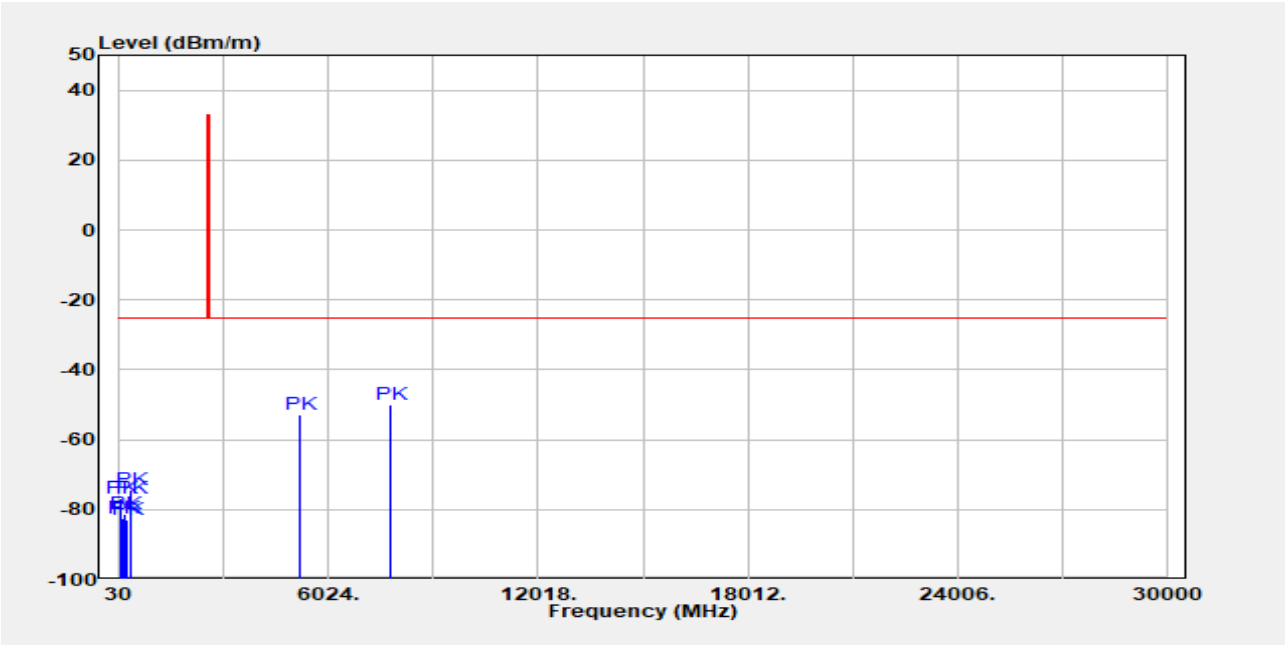
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 38C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:2595 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
52.310	-76.67	-63.76	-11.58	-1.33	-25.00	-51.67
123.120	-82.63	-78.99	-1.61	-2.03	-25.00	-57.63
167.740	-81.40	-78.67	-0.35	-2.37	-25.00	-56.40
209.450	-83.11	-84.75	4.29	-2.65	-25.00	-58.11
361.740	-76.70	-77.44	4.22	-3.47	-25.00	-51.70
377.260	-74.55	-75.02	4.02	-3.55	-25.00	-49.55
5190.000	-52.95	-52.02	12.64	-13.57	-25.00	-27.95
7785.000	-50.12	-44.90	11.53	-16.76	-25.00	-25.12

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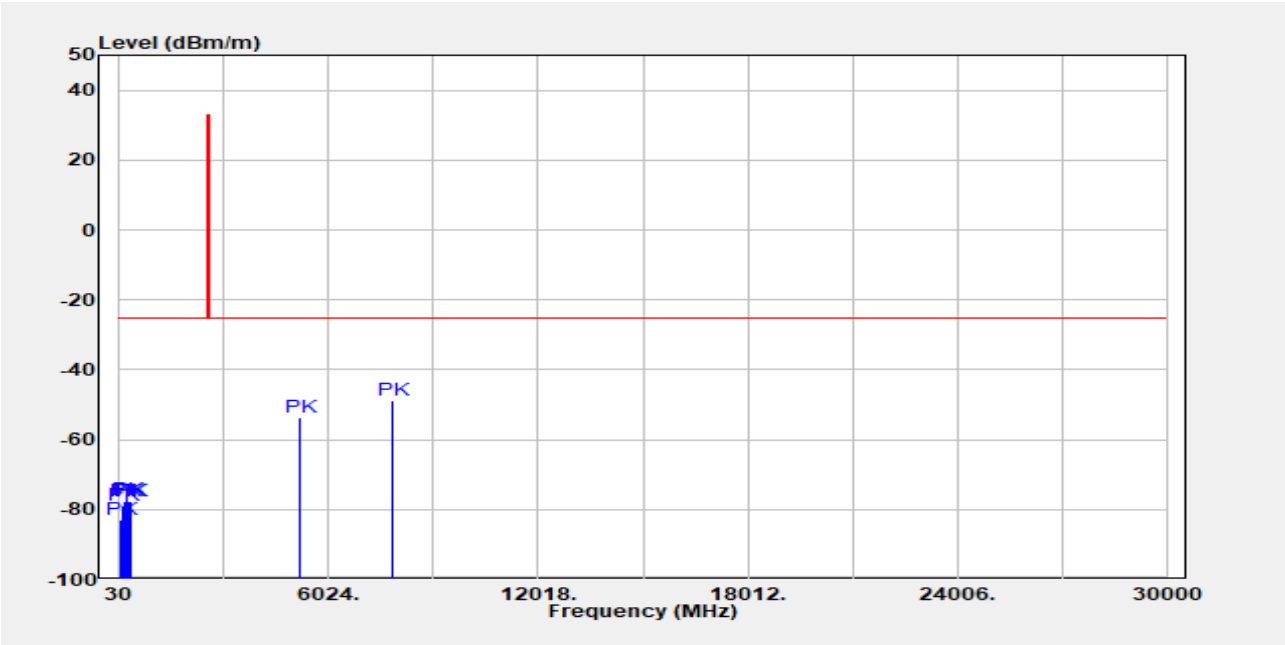
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 38C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:2605 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
80.440	-82.93	-78.35	-2.94	-1.64	-25.00	-57.93
131.850	-78.67	-74.85	-1.72	-2.10	-25.00	-53.67
178.410	-77.52	-76.13	1.05	-2.44	-25.00	-52.52
231.760	-77.29	-78.97	4.46	-2.78	-25.00	-52.29
280.260	-77.48	-78.14	3.72	-3.06	-25.00	-52.48
343.310	-77.50	-78.14	4.03	-3.38	-25.00	-52.50
5210.000	-53.86	-53.02	12.76	-13.59	-25.00	-28.86
7815.000	-48.72	-43.41	11.47	-16.79	-25.00	-23.72

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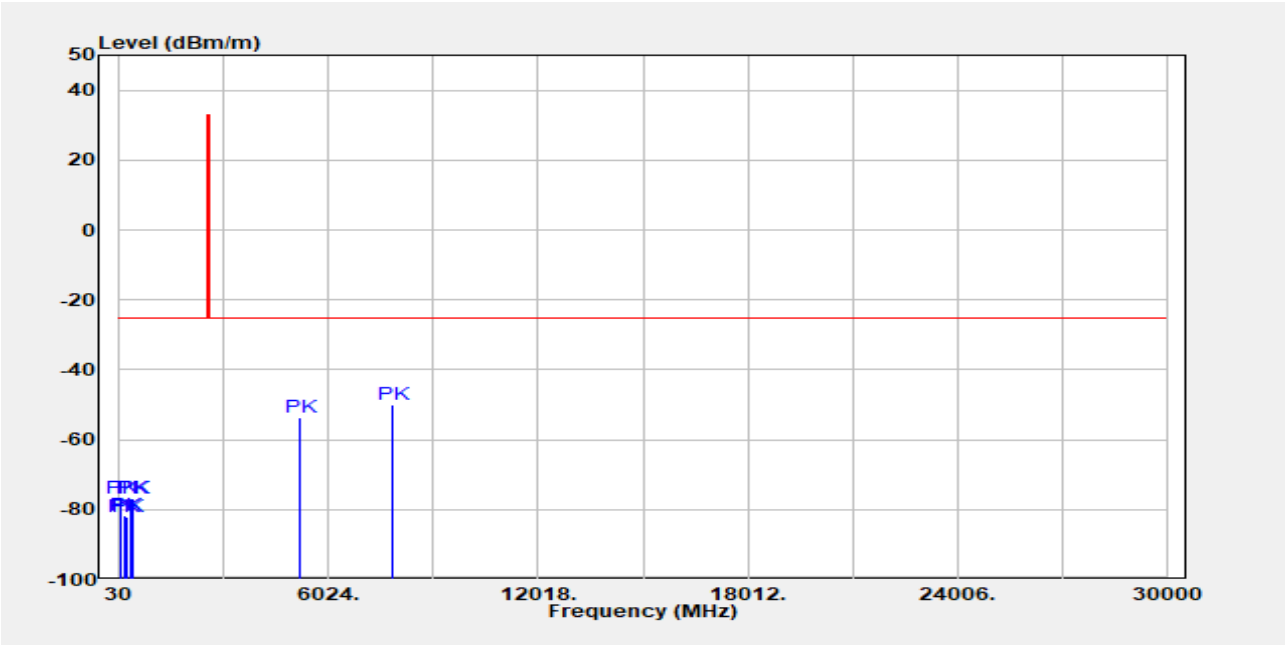
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 38C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:2605 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
51.340	-76.93	-63.77	-11.84	-1.32	-25.00	-51.93
92.080	-82.22	-79.61	-0.85	-1.76	-25.00	-57.22
173.560	-81.63	-79.60	0.38	-2.41	-25.00	-56.63
214.300	-82.32	-84.14	4.50	-2.68	-25.00	-57.32
358.830	-76.77	-77.54	4.23	-3.45	-25.00	-51.77
420.910	-76.95	-77.33	4.12	-3.74	-25.00	-51.95
5210.000	-53.52	-52.69	12.76	-13.59	-25.00	-28.52
7815.000	-50.09	-44.77	11.47	-16.79	-25.00	-25.09

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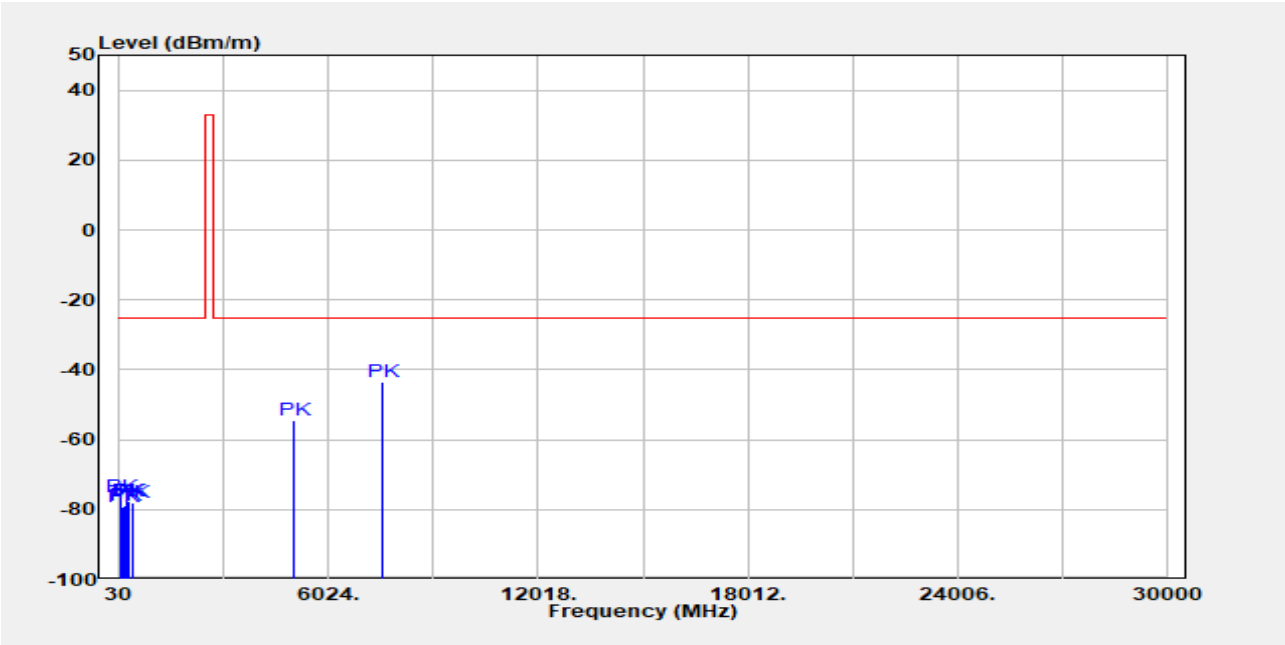
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 41C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:2511 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
79.470	-76.62	-71.66	-3.32	-1.63	-25.00	-51.62
132.820	-79.43	-75.67	-1.65	-2.11	-25.00	-54.43
180.350	-78.96	-77.79	1.27	-2.45	-25.00	-53.96
239.520	-77.44	-78.32	3.71	-2.83	-25.00	-52.44
280.260	-77.65	-78.31	3.72	-3.06	-25.00	-52.65
386.960	-78.06	-78.37	3.89	-3.59	-25.00	-53.06
5022.000	-54.39	-53.62	12.56	-13.33	-25.00	-29.39
7533.000	-43.42	-38.09	11.13	-16.46	-25.00	-18.42

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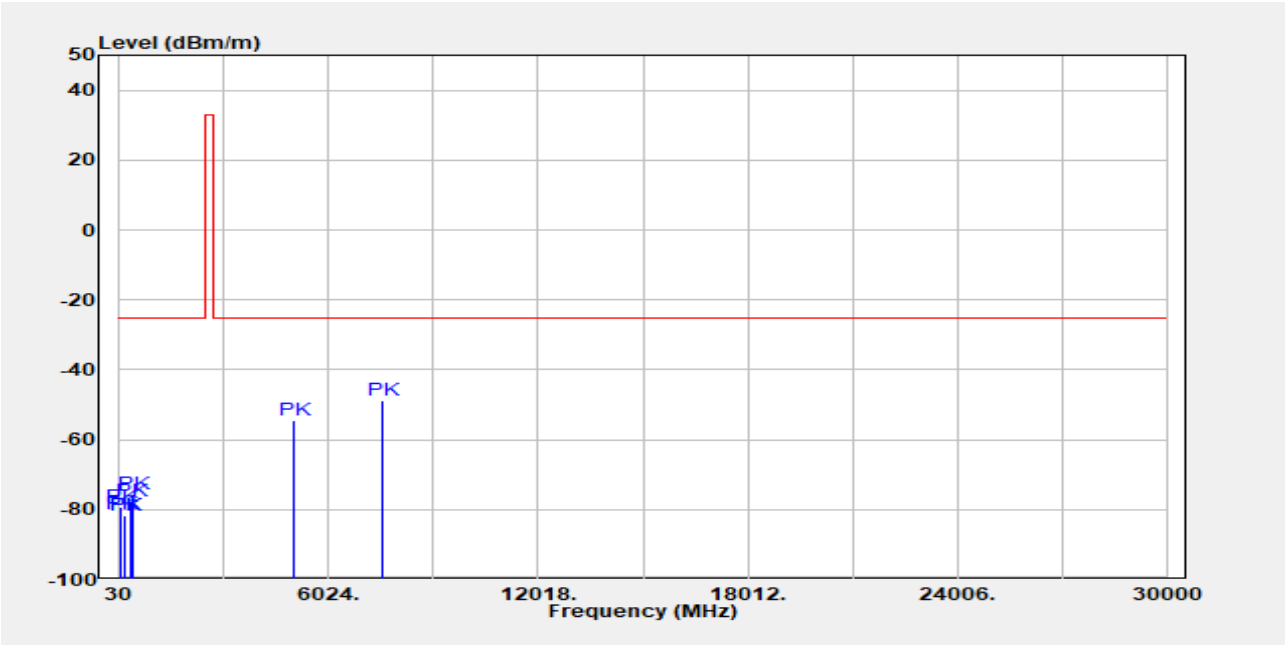
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 41C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:2511 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
70.740	-79.37	-71.38	-6.45	-1.54	-25.00	-54.37
83.350	-81.25	-77.54	-2.03	-1.67	-25.00	-56.25
159.980	-81.60	-78.25	-1.04	-2.31	-25.00	-56.60
205.570	-81.79	-83.22	4.05	-2.62	-25.00	-56.79
345.250	-77.48	-78.13	4.05	-3.39	-25.00	-52.48
413.150	-75.58	-75.97	4.10	-3.71	-25.00	-50.58
5022.000	-54.48	-53.71	12.56	-13.33	-25.00	-29.48
7533.000	-48.85	-43.52	11.13	-16.46	-25.00	-23.85

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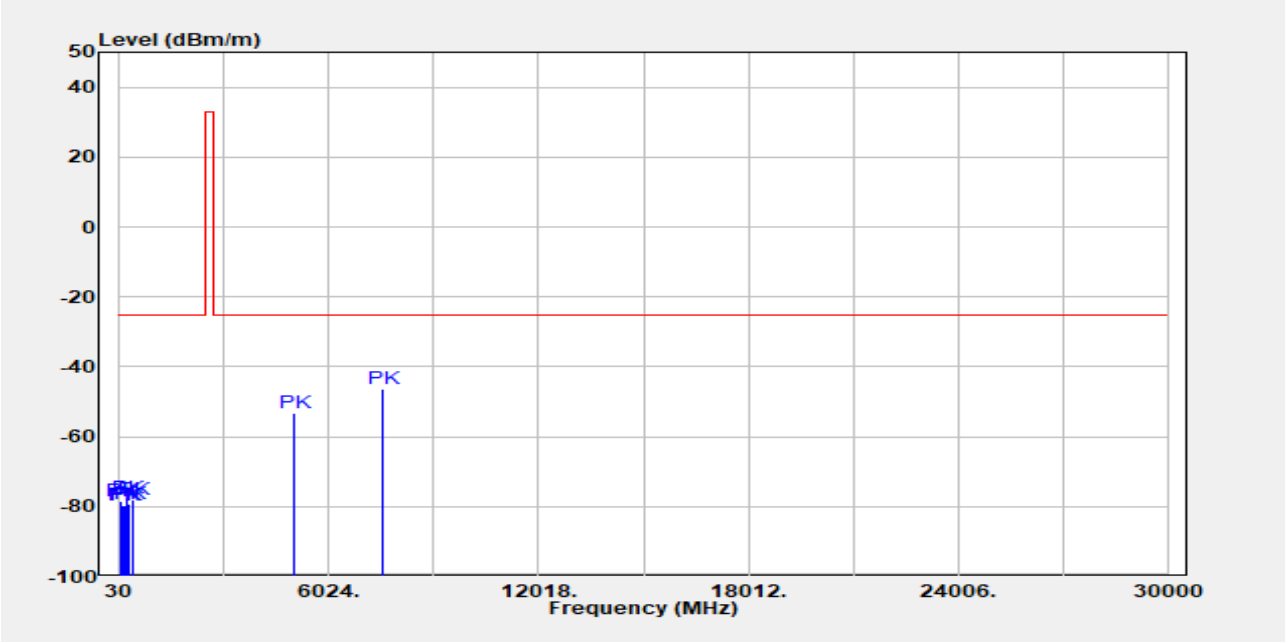
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 41C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:2515 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
71.710	-78.28	-70.49	-6.23	-1.55	-25.00	-53.28
127.000	-79.72	-76.01	-1.64	-2.07	-25.00	-54.72
201.690	-79.79	-81.00	3.81	-2.60	-25.00	-54.79
227.880	-77.72	-79.80	4.84	-2.76	-25.00	-52.72
293.840	-79.15	-79.79	3.77	-3.13	-25.00	-54.15
406.360	-78.03	-78.31	3.96	-3.68	-25.00	-53.03
5030.000	-53.16	-52.36	12.54	-13.34	-25.00	-28.16
7545.000	-46.42	-41.12	11.18	-16.48	-25.00	-21.42

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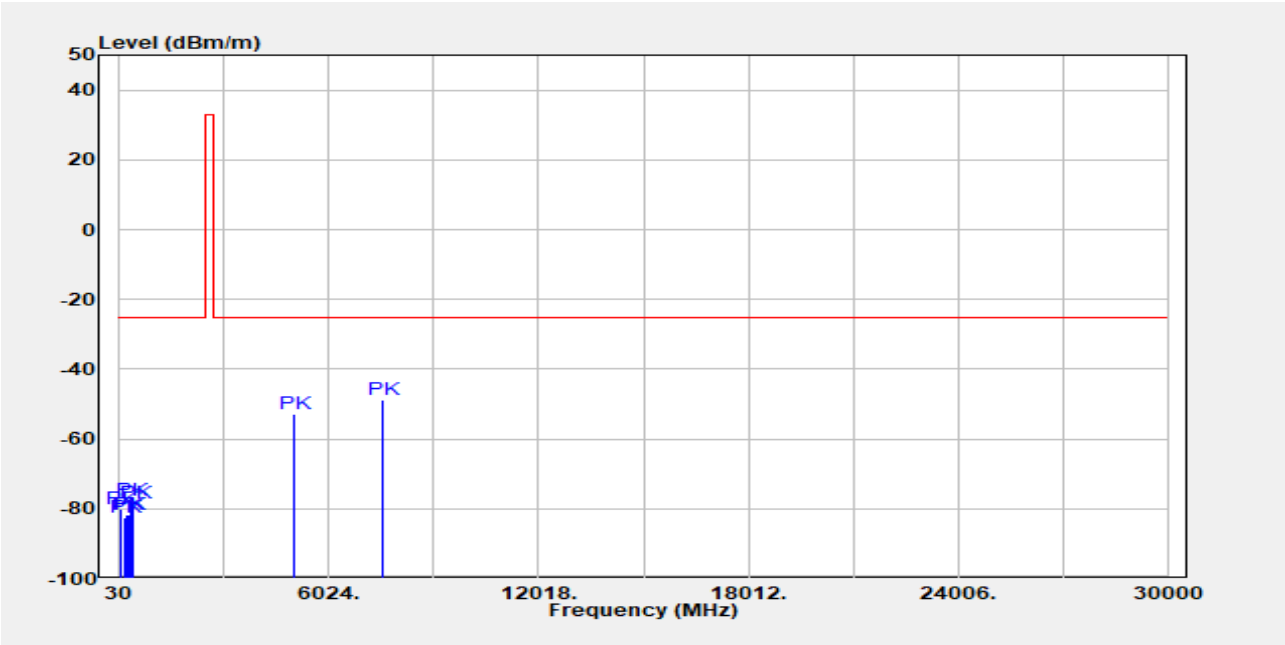
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 41C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:2515 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
59.100	-80.10	-68.70	-10.00	-1.41	-25.00	-55.10
151.250	-82.36	-78.49	-1.63	-2.25	-25.00	-57.36
214.300	-81.89	-83.72	4.50	-2.68	-25.00	-56.89
273.470	-81.89	-82.58	3.71	-3.03	-25.00	-56.89
365.620	-77.77	-78.50	4.22	-3.49	-25.00	-52.77
436.430	-78.39	-78.30	3.72	-3.81	-25.00	-53.39
5030.000	-52.71	-51.91	12.54	-13.34	-25.00	-27.71
7545.000	-48.85	-43.56	11.18	-16.48	-25.00	-23.85

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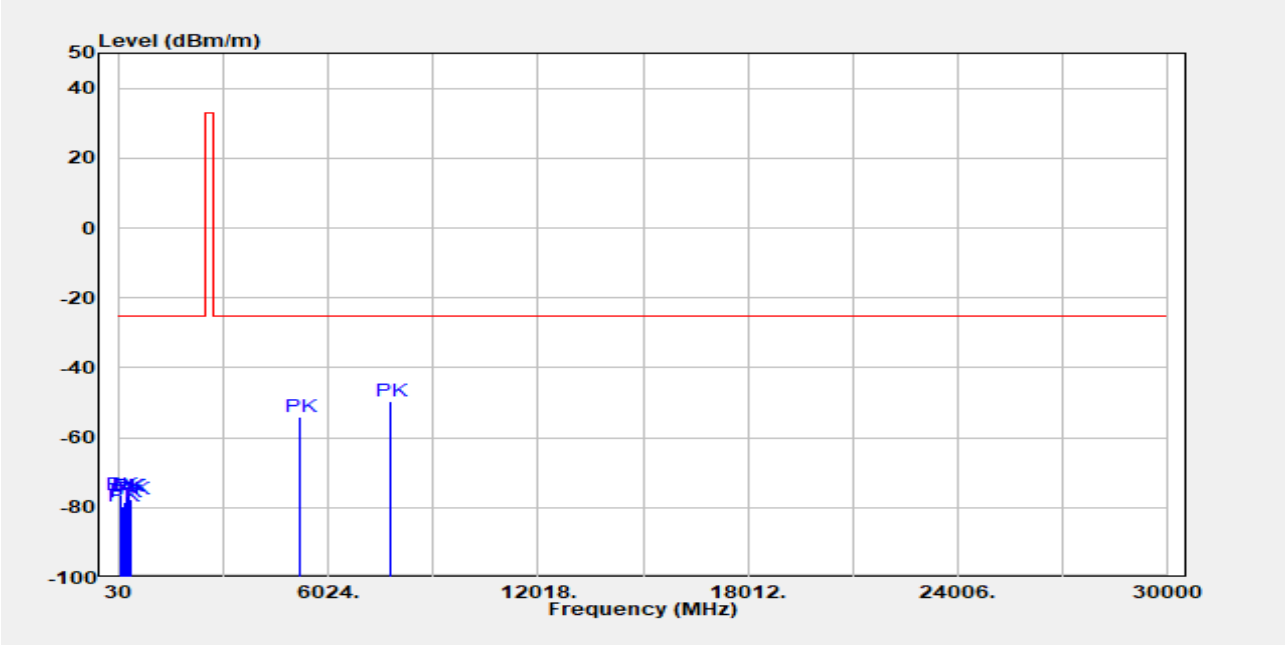
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 41C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:2593 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
82.380	-76.47	-72.48	-2.33	-1.66	-25.00	-51.47
137.670	-79.68	-75.76	-1.78	-2.14	-25.00	-54.68
177.440	-78.61	-77.08	0.91	-2.43	-25.00	-53.61
228.850	-76.73	-78.75	4.78	-2.76	-25.00	-51.73
280.260	-76.77	-77.42	3.72	-3.06	-25.00	-51.77
379.200	-77.71	-78.14	3.99	-3.56	-25.00	-52.71
5186.000	-54.01	-53.06	12.62	-13.56	-25.00	-29.01
7779.000	-49.67	-44.46	11.54	-16.75	-25.00	-24.67

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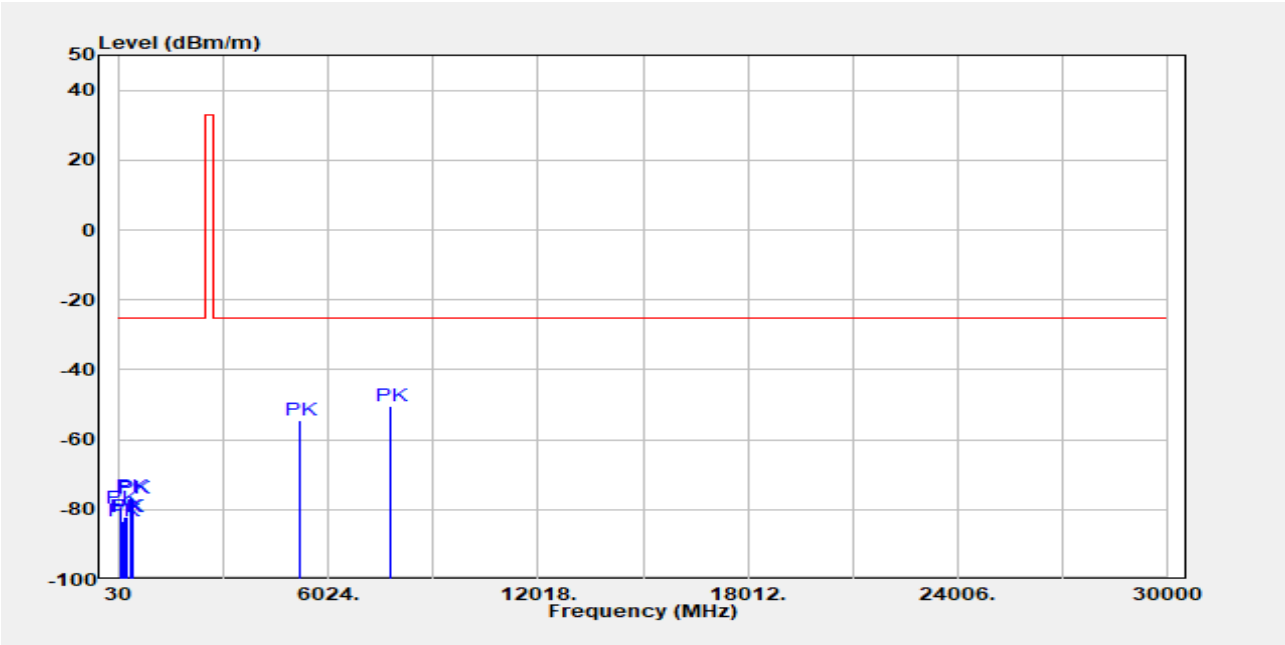
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 41C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:2593 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
60.070	-79.82	-68.48	-9.92	-1.42	-25.00	-54.82
119.240	-83.15	-79.62	-1.52	-2.00	-25.00	-58.15
178.410	-81.95	-80.56	1.05	-2.44	-25.00	-56.95
210.420	-81.92	-83.60	4.34	-2.65	-25.00	-56.92
363.680	-76.37	-77.12	4.22	-3.48	-25.00	-51.37
417.030	-76.90	-77.31	4.14	-3.73	-25.00	-51.90
5186.000	-54.54	-53.60	12.62	-13.56	-25.00	-29.54
7779.000	-50.35	-45.14	11.54	-16.75	-25.00	-25.35

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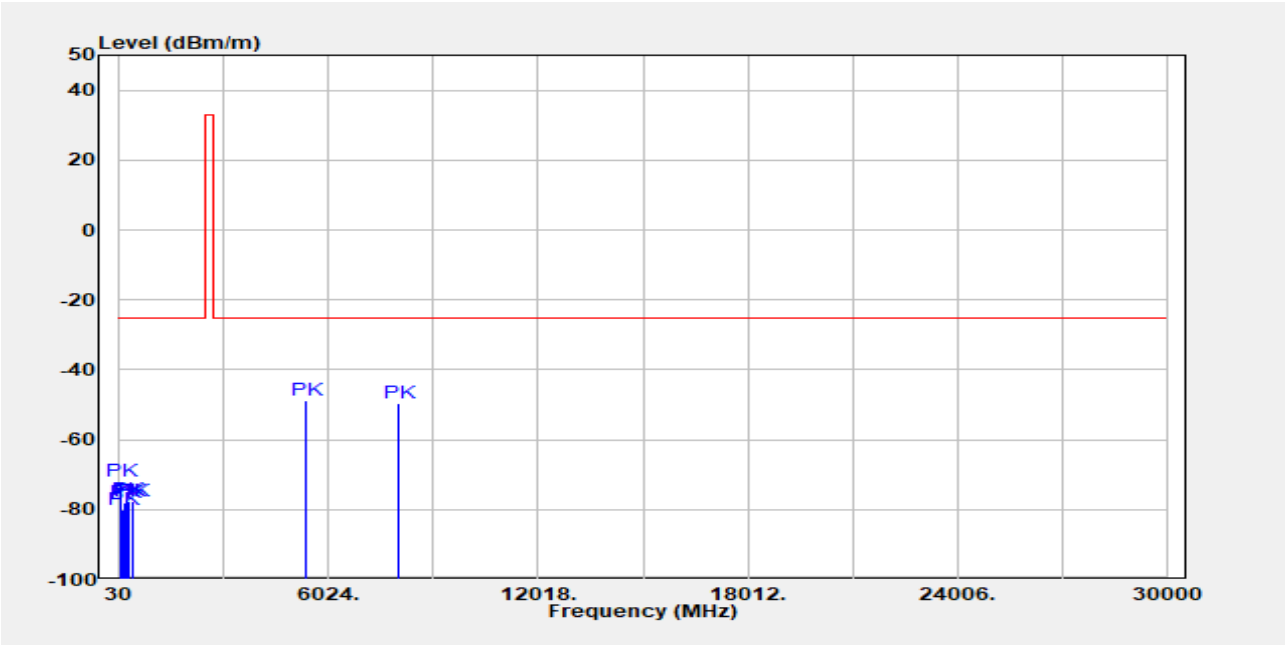
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 41C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:2675 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
81.410	-71.80	-67.59	-2.56	-1.65	-25.00	-46.80
130.880	-79.98	-76.11	-1.77	-2.10	-25.00	-54.98
179.380	-78.23	-76.94	1.16	-2.45	-25.00	-53.23
230.790	-77.19	-79.01	4.60	-2.77	-25.00	-52.19
283.170	-77.54	-78.16	3.69	-3.08	-25.00	-52.54
411.210	-77.47	-77.84	4.06	-3.70	-25.00	-52.47
5350.000	-48.66	-48.18	13.30	-13.78	-25.00	-23.66
8025.000	-49.49	-43.47	11.00	-17.03	-25.00	-24.49

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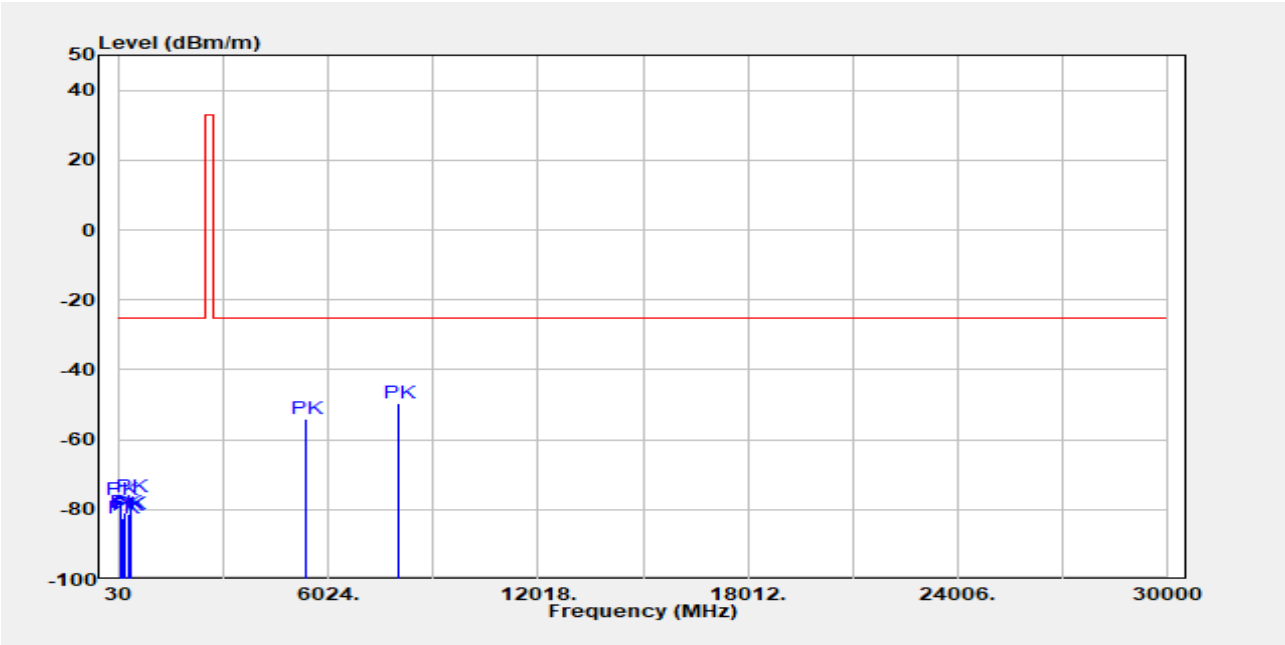
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 41C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:2675 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
55.220	-77.39	-65.13	-10.90	-1.36	-25.00	-52.39
96.930	-82.38	-79.51	-1.07	-1.80	-25.00	-57.38
179.380	-80.99	-79.70	1.16	-2.45	-25.00	-55.99
206.540	-81.90	-83.38	4.11	-2.63	-25.00	-56.90
285.110	-81.35	-81.94	3.68	-3.09	-25.00	-56.35
377.260	-76.51	-76.98	4.02	-3.55	-25.00	-51.51
5350.000	-53.95	-53.47	13.30	-13.78	-25.00	-28.95
8025.000	-49.53	-43.50	11.00	-17.03	-25.00	-24.53

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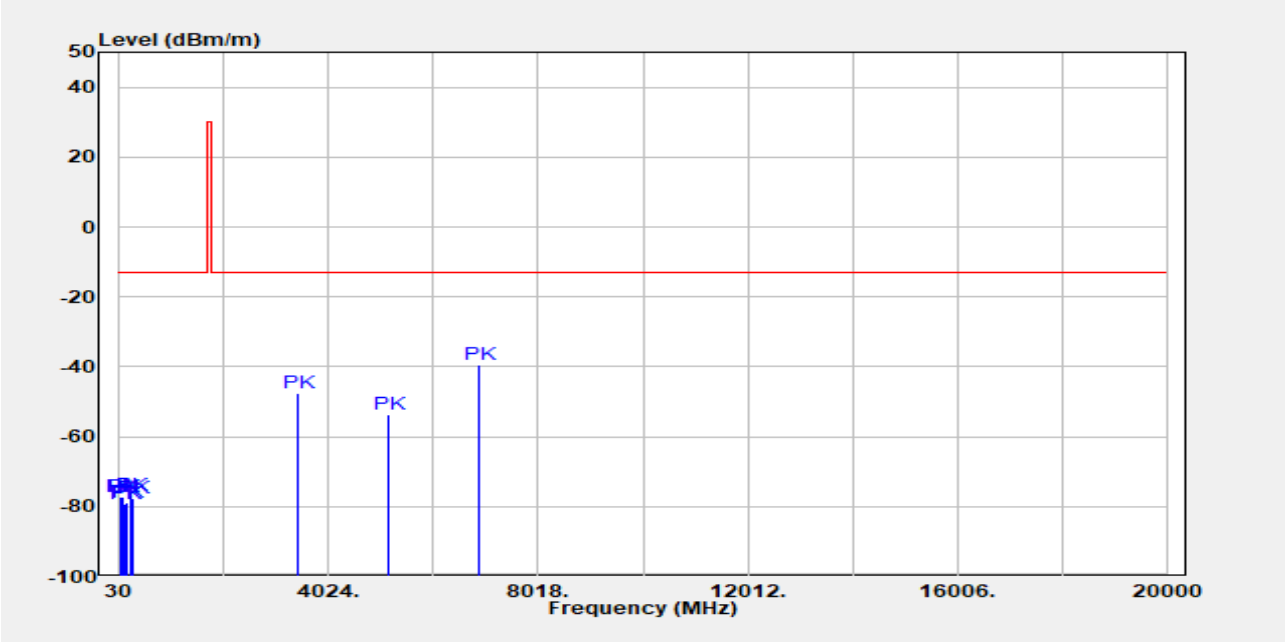
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 66B	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:1722.15 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
63.950	-77.10	-67.02	-8.61	-1.46	-13.00	-64.10
79.470	-77.32	-72.36	-3.32	-1.63	-13.00	-64.32
137.670	-79.36	-75.44	-1.78	-2.14	-13.00	-66.36
180.350	-78.69	-77.51	1.27	-2.45	-13.00	-65.69
227.880	-77.02	-79.11	4.84	-2.76	-13.00	-64.02
280.260	-77.45	-78.10	3.72	-3.06	-13.00	-64.45
3444.300	-47.67	-49.32	12.59	-10.94	-13.00	-34.67
5166.450	-53.50	-52.46	12.50	-13.53	-13.00	-40.50
6888.600	-39.61	-35.93	12.05	-15.73	-13.00	-26.61

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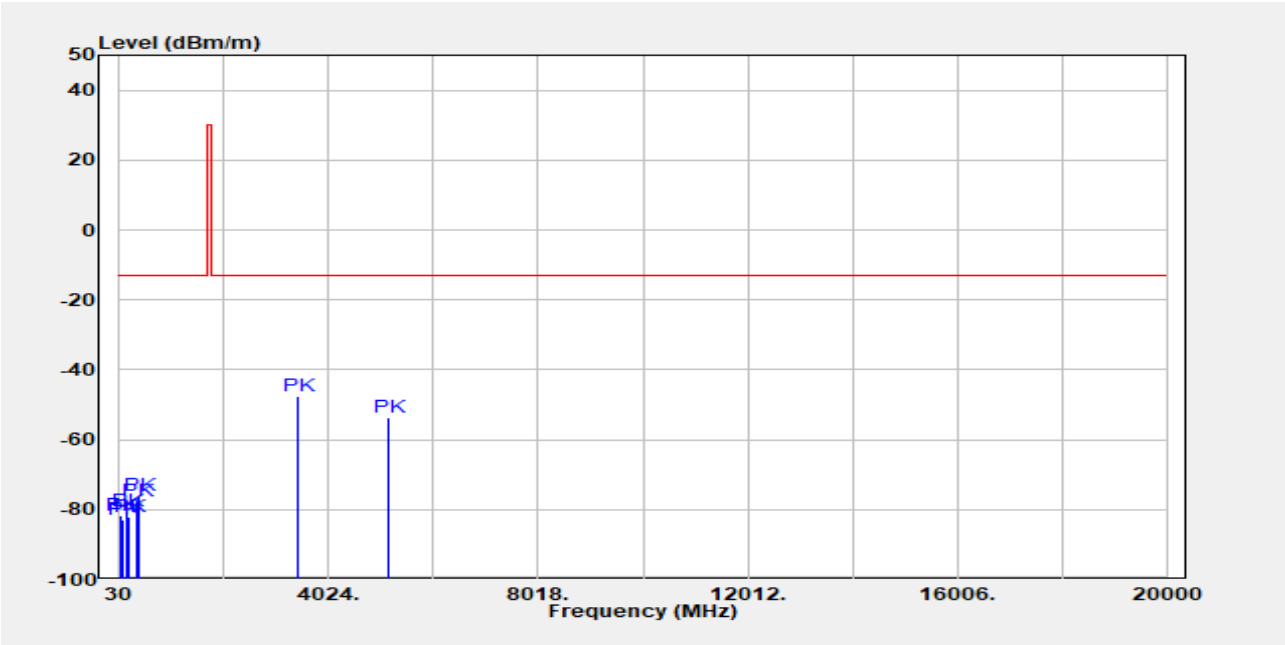
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 66B	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:1722.15 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
68.800	-81.61	-73.02	-7.07	-1.52	-13.00	-68.61
95.960	-82.93	-80.27	-0.87	-1.79	-13.00	-69.93
169.680	-80.38	-77.91	-0.09	-2.39	-13.00	-67.38
213.330	-82.06	-83.85	4.46	-2.67	-13.00	-69.06
356.890	-77.62	-78.43	4.25	-3.44	-13.00	-64.62
390.840	-75.99	-76.29	3.90	-3.60	-13.00	-62.99
3444.300	-47.55	-49.20	12.59	-10.94	-13.00	-34.55
5166.450	-53.62	-52.59	12.50	-13.53	-13.00	-40.62

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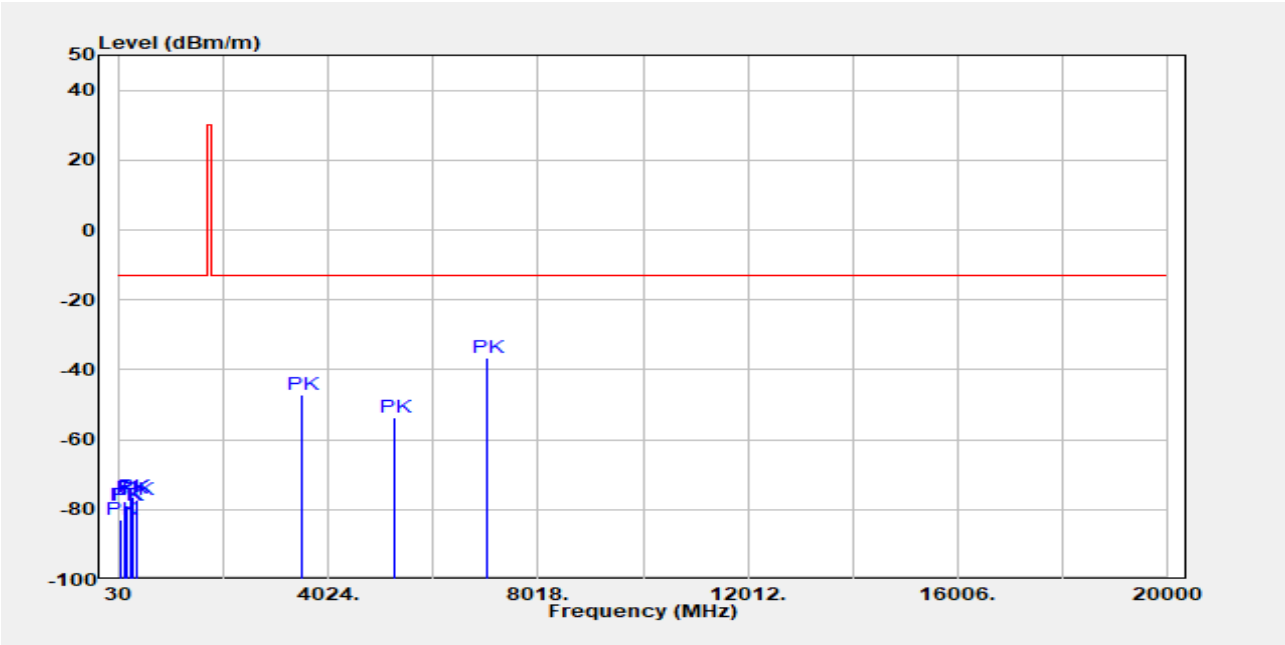
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 66B	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:1757.25 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
48.430	-82.79	-69.24	-12.27	-1.28	-13.00	-69.79
130.880	-78.98	-75.11	-1.77	-2.10	-13.00	-65.98
178.410	-79.01	-77.62	1.05	-2.44	-13.00	-66.01
230.790	-76.91	-78.74	4.60	-2.77	-13.00	-63.91
279.290	-76.57	-77.23	3.71	-3.06	-13.00	-63.57
374.350	-77.39	-77.93	4.07	-3.53	-13.00	-64.39
3514.500	-47.04	-48.40	12.41	-11.05	-13.00	-34.04
5271.750	-53.74	-53.19	13.13	-13.68	-13.00	-40.74
7029.000	-36.40	-31.82	11.33	-15.90	-13.00	-23.40

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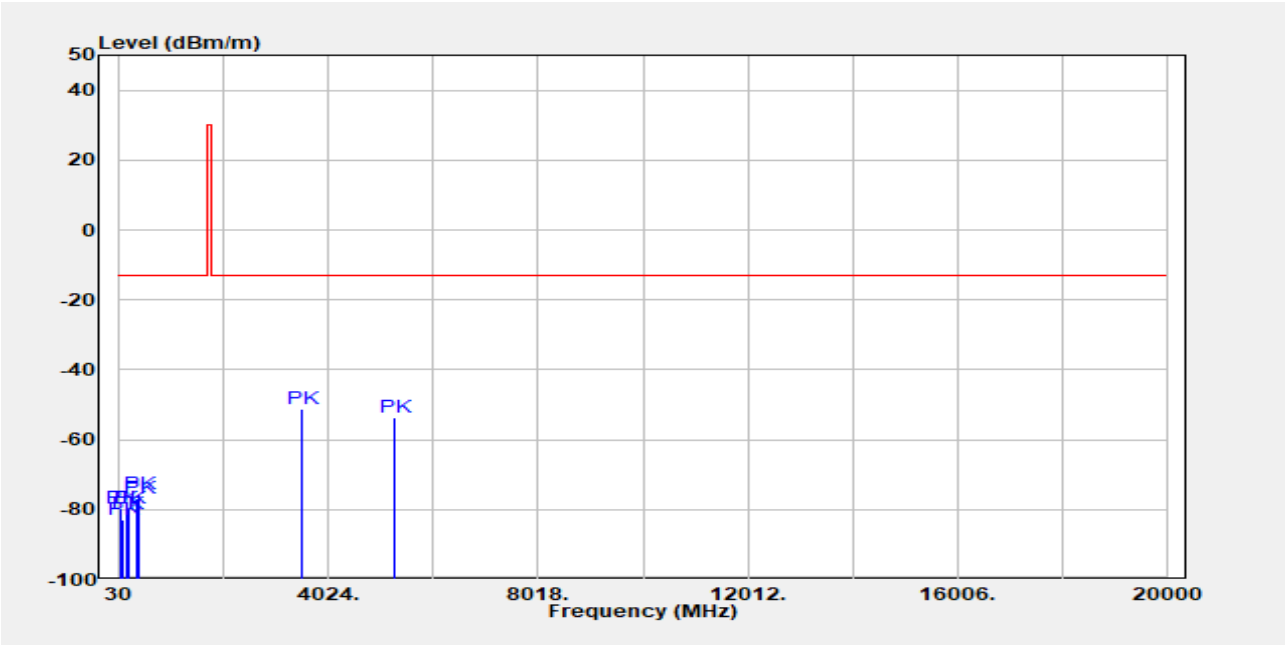
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 66B	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:1757.25 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
61.040	-79.61	-68.78	-9.40	-1.43	-13.00	-66.61
92.080	-82.76	-80.16	-0.85	-1.76	-13.00	-69.76
157.070	-81.26	-77.77	-1.20	-2.29	-13.00	-68.26
212.360	-79.70	-81.46	4.42	-2.66	-13.00	-66.70
378.230	-76.63	-77.09	4.01	-3.55	-13.00	-63.63
407.330	-75.65	-75.95	3.98	-3.68	-13.00	-62.65
3514.500	-51.12	-52.48	12.41	-11.05	-13.00	-38.12
5271.750	-53.65	-53.10	13.13	-13.68	-13.00	-40.65

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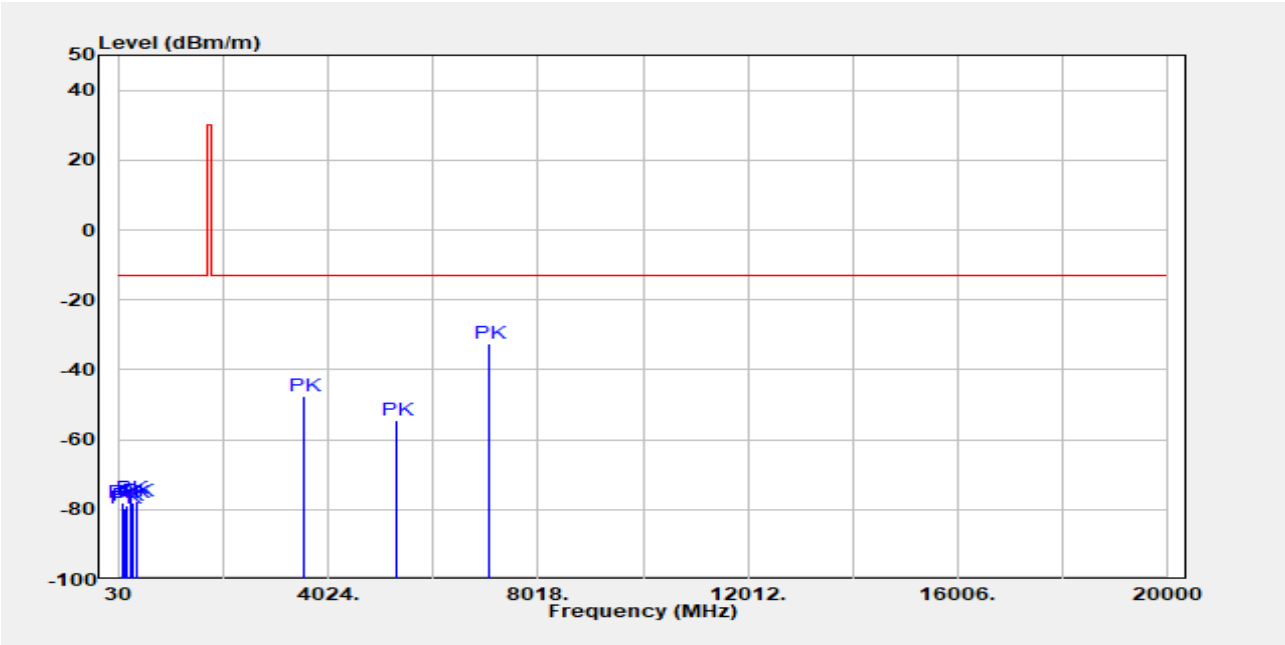
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 66B	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:1772.35 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
81.410	-78.14	-73.92	-2.56	-1.65	-13.00	-65.14
128.940	-79.65	-75.86	-1.71	-2.08	-13.00	-66.65
179.380	-78.77	-77.48	1.16	-2.45	-13.00	-65.77
229.820	-76.80	-78.76	4.72	-2.77	-13.00	-63.80
272.500	-78.09	-78.80	3.74	-3.02	-13.00	-65.09
364.650	-77.55	-78.30	4.23	-3.48	-13.00	-64.55
3544.700	-47.46	-48.59	12.23	-11.10	-13.00	-34.46
5317.050	-54.45	-54.01	13.30	-13.74	-13.00	-41.45
7089.400	-32.69	-27.83	11.12	-15.98	-13.00	-19.69

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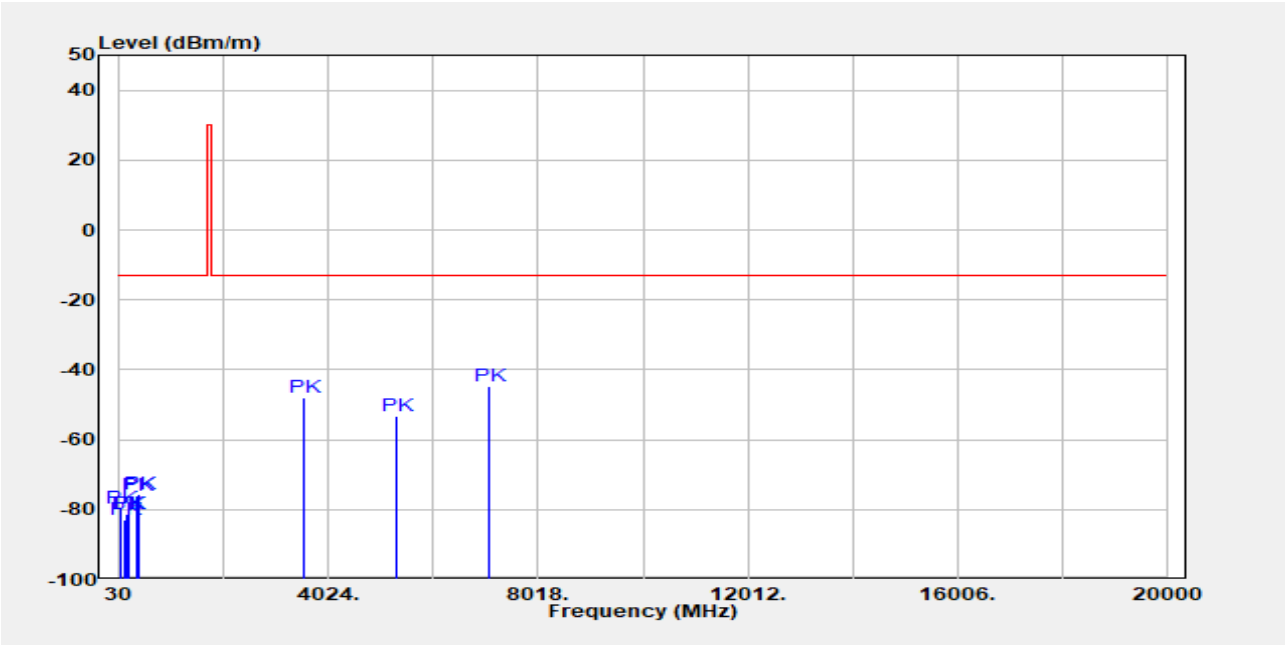
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 66B	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:1772.35 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
58.130	-79.84	-68.22	-10.22	-1.40	-13.00	-66.84
119.240	-83.01	-79.49	-1.52	-2.00	-13.00	-70.01
165.800	-81.16	-78.30	-0.51	-2.36	-13.00	-68.16
214.300	-81.29	-83.12	4.50	-2.68	-13.00	-68.29
353.980	-76.00	-76.83	4.26	-3.43	-13.00	-63.00
399.570	-75.58	-75.86	3.92	-3.65	-13.00	-62.58
3544.700	-47.79	-48.92	12.23	-11.10	-13.00	-34.79
5317.050	-53.44	-53.00	13.30	-13.74	-13.00	-40.44
7089.400	-44.75	-39.89	11.12	-15.98	-13.00	-31.75

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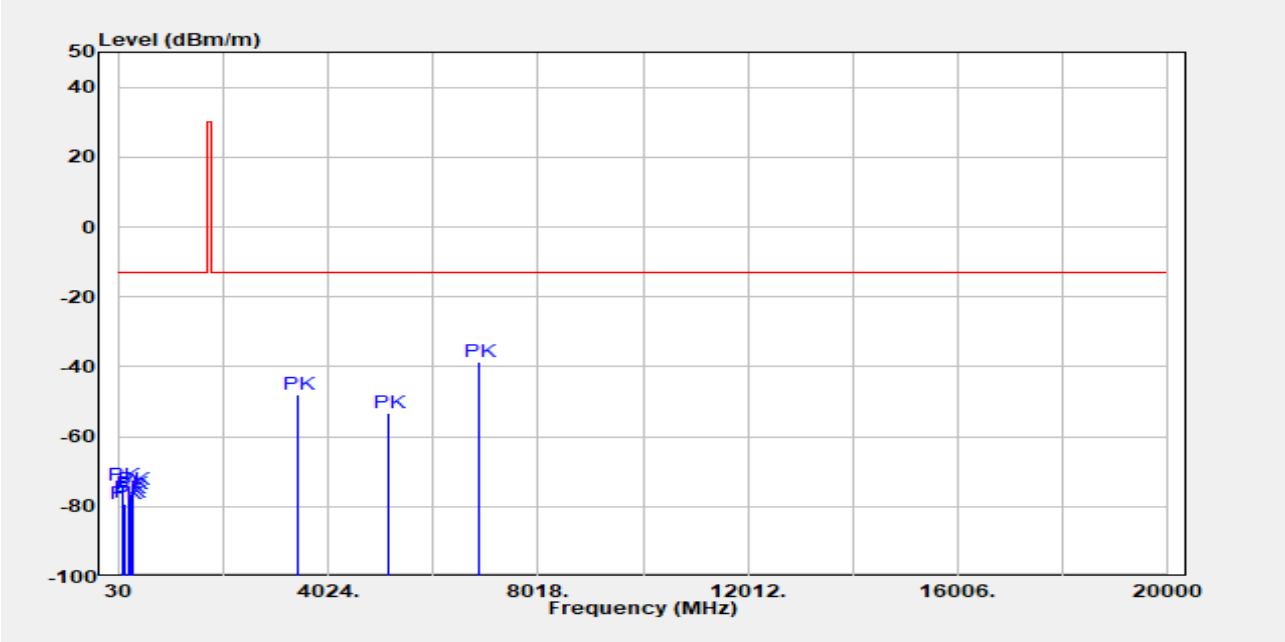
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 66C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:1719.15 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
76.560	-74.09	-68.12	-4.37	-1.60	-13.00	-61.09
136.700	-79.43	-75.59	-1.71	-2.14	-13.00	-66.43
189.080	-78.90	-79.00	2.62	-2.51	-13.00	-65.90
203.630	-77.66	-78.98	3.93	-2.61	-13.00	-64.66
237.580	-76.46	-77.48	3.83	-2.82	-13.00	-63.46
274.440	-75.32	-75.98	3.69	-3.03	-13.00	-62.32
3438.300	-48.11	-49.75	12.58	-10.93	-13.00	-35.11
5157.450	-53.38	-52.30	12.44	-13.52	-13.00	-40.38
6876.600	-38.61	-34.99	12.09	-15.71	-13.00	-25.61

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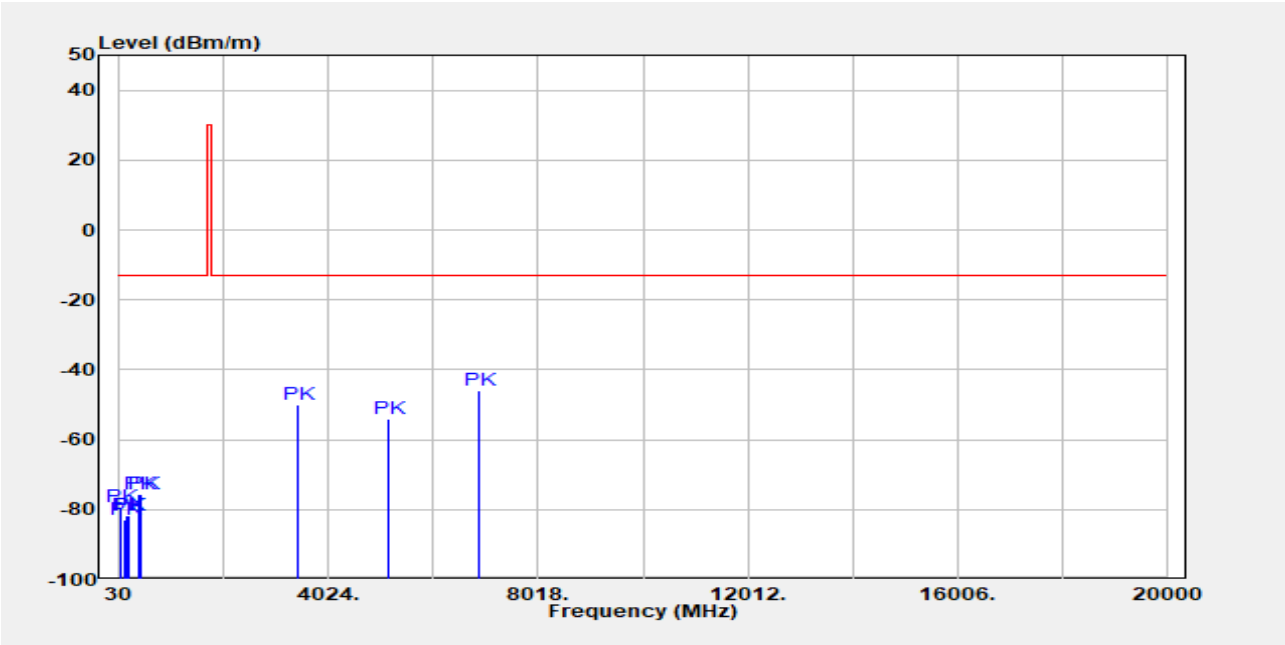
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 66C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:1719.15 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
61.040	-79.23	-68.40	-9.40	-1.43	-13.00	-66.23
122.150	-82.82	-79.28	-1.51	-2.03	-13.00	-69.82
168.710	-81.80	-79.14	-0.27	-2.38	-13.00	-68.80
213.330	-81.69	-83.48	4.46	-2.67	-13.00	-68.69
390.840	-75.66	-75.95	3.90	-3.60	-13.00	-62.66
454.860	-75.75	-75.70	3.84	-3.89	-13.00	-62.75
3438.300	-49.83	-51.47	12.58	-10.93	-13.00	-36.83
5157.450	-53.88	-52.80	12.44	-13.52	-13.00	-40.88
6876.600	-45.97	-42.36	12.09	-15.71	-13.00	-32.97

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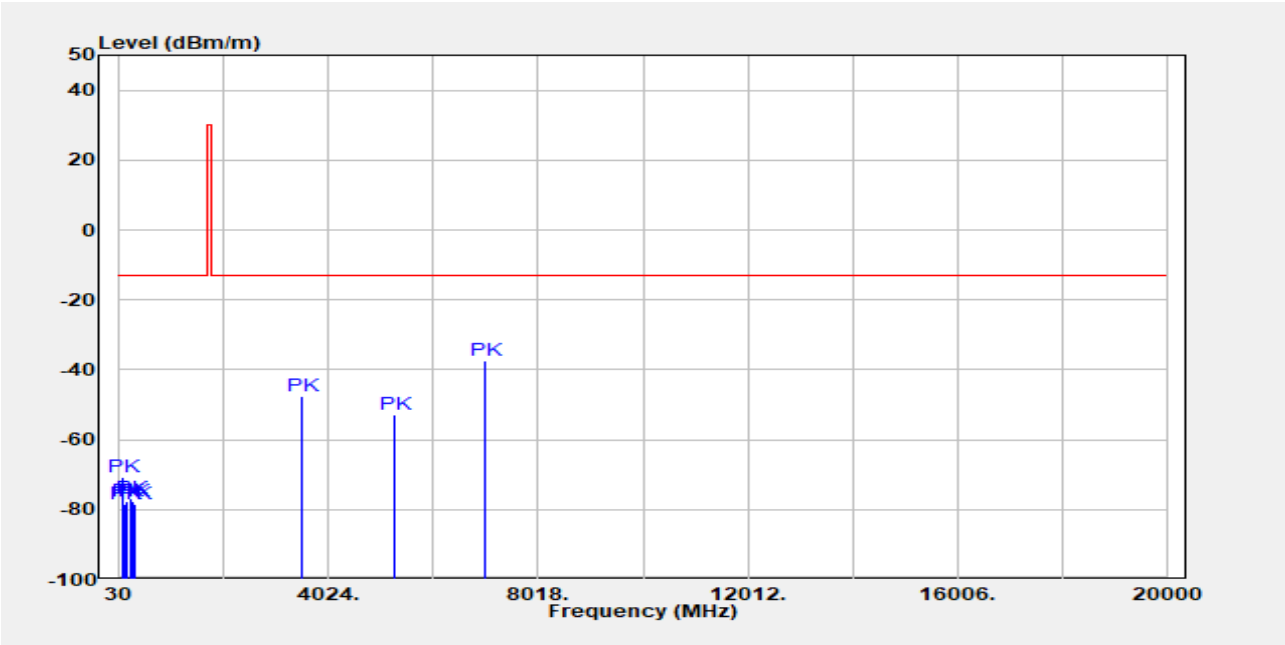
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 66C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:1751.65 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
82.380	-70.58	-66.59	-2.33	-1.66	-13.00	-57.58
129.910	-78.62	-74.79	-1.74	-2.09	-13.00	-65.62
181.320	-77.50	-76.52	1.48	-2.46	-13.00	-64.50
228.850	-76.80	-78.82	4.78	-2.76	-13.00	-63.80
276.380	-77.57	-78.21	3.68	-3.04	-13.00	-64.57
331.670	-78.37	-78.90	3.86	-3.33	-13.00	-65.37
3503.300	-47.62	-49.07	12.48	-11.04	-13.00	-34.62
5254.950	-52.82	-52.19	13.03	-13.66	-13.00	-39.82
7006.600	-37.58	-33.16	11.46	-15.88	-13.00	-24.58

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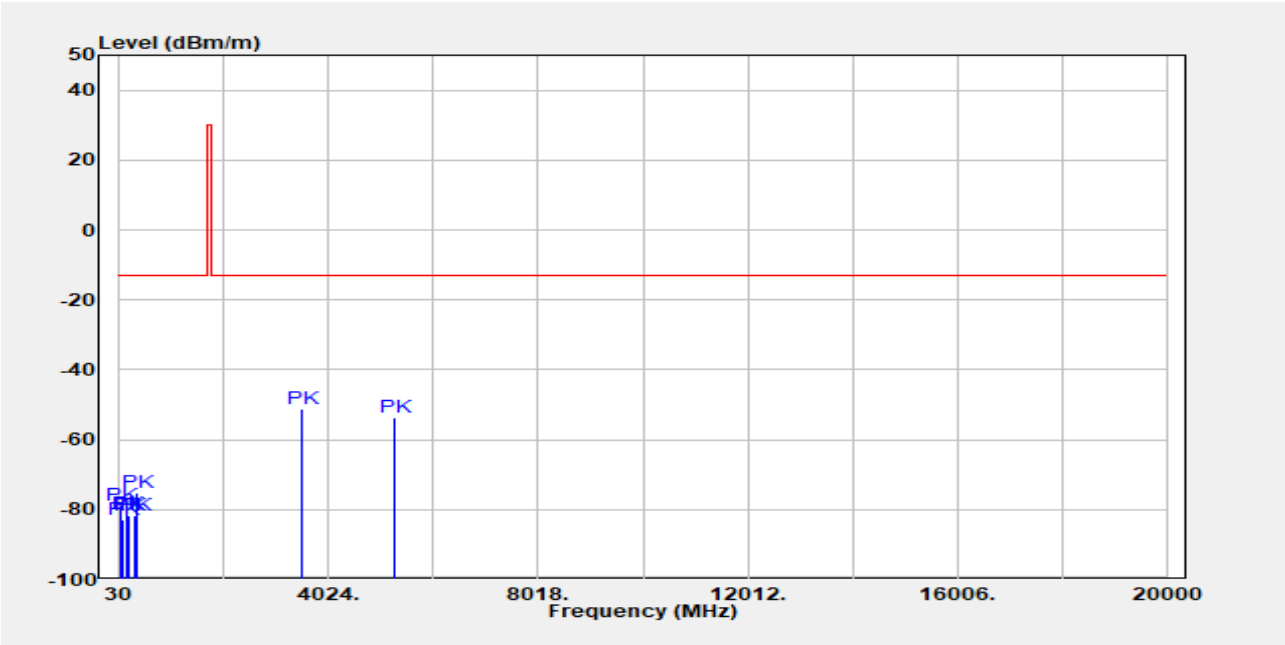
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 66C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:1751.65 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
55.220	-78.81	-66.54	-10.90	-1.36	-13.00	-65.81
94.990	-82.89	-80.33	-0.77	-1.78	-13.00	-69.89
170.650	-81.49	-79.05	-0.04	-2.39	-13.00	-68.49
207.510	-81.56	-83.10	4.17	-2.64	-13.00	-68.56
307.420	-81.52	-82.17	3.84	-3.20	-13.00	-68.52
376.290	-75.04	-75.54	4.04	-3.54	-13.00	-62.04
3503.300	-51.26	-52.70	12.48	-11.04	-13.00	-38.26
5254.950	-53.74	-53.11	13.03	-13.66	-13.00	-40.74

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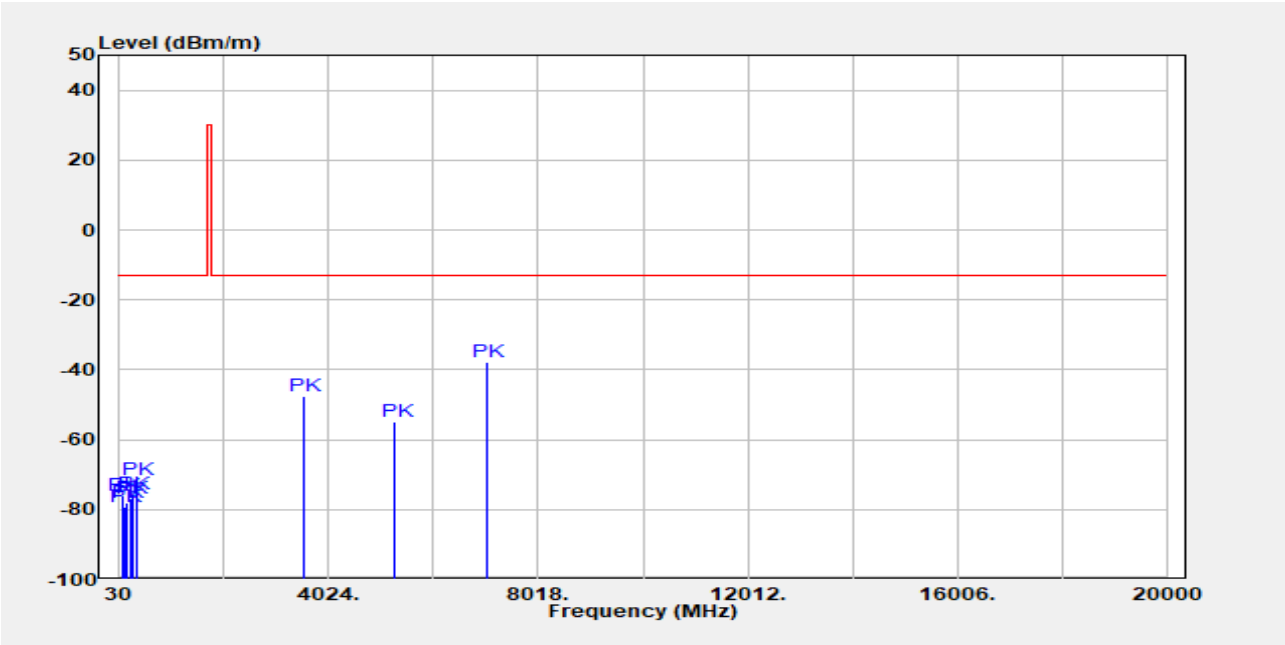
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 66C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:1764.15 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
82.380	-76.11	-72.12	-2.33	-1.66	-13.00	-63.11
129.910	-79.13	-75.30	-1.74	-2.09	-13.00	-66.13
168.710	-77.97	-75.31	-0.27	-2.38	-13.00	-64.97
230.790	-76.94	-78.77	4.60	-2.77	-13.00	-63.94
276.380	-75.59	-76.23	3.68	-3.04	-13.00	-62.59
374.350	-71.36	-71.90	4.07	-3.53	-13.00	-58.36
3528.300	-47.47	-48.73	12.33	-11.08	-13.00	-34.47
5292.450	-54.69	-54.23	13.25	-13.71	-13.00	-41.69
7056.600	-37.65	-32.90	11.19	-15.94	-13.00	-24.65

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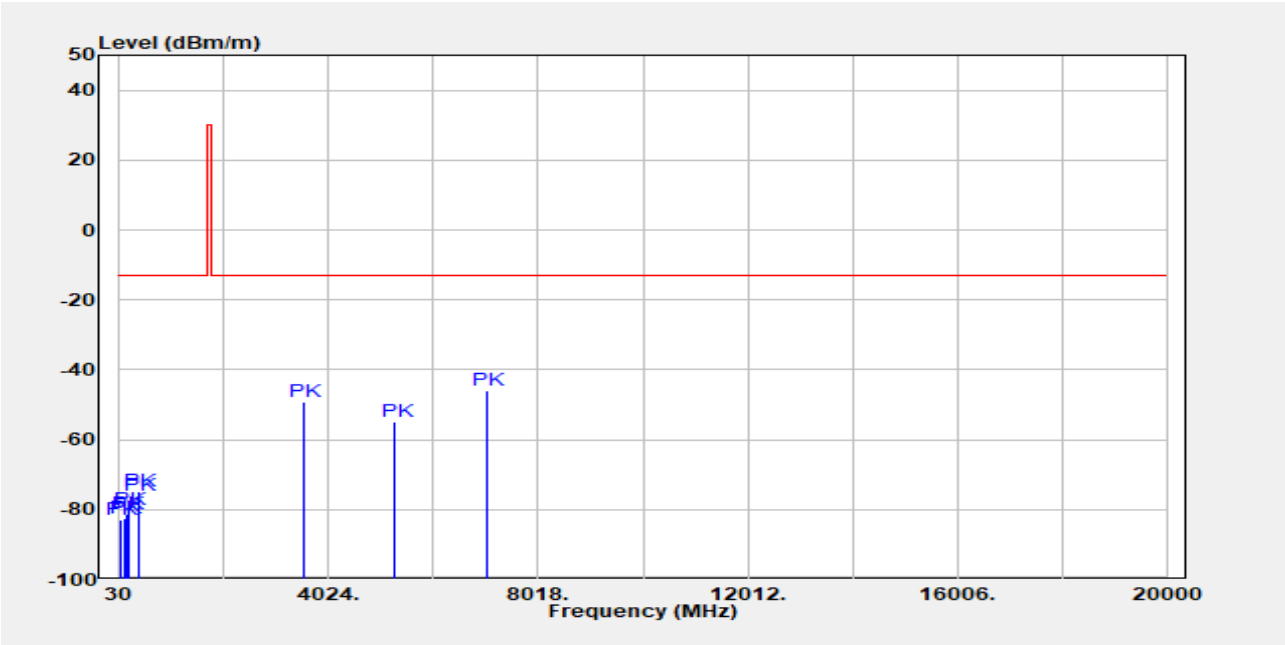
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 66C	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:1764.15 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
68.800	-82.88	-74.29	-7.07	-1.52	-13.00	-69.88
120.210	-82.69	-79.16	-1.52	-2.01	-13.00	-69.69
171.620	-81.24	-78.88	0.03	-2.40	-13.00	-68.24
213.330	-80.01	-81.80	4.46	-2.67	-13.00	-67.01
381.140	-74.96	-75.35	3.96	-3.56	-13.00	-61.96
415.090	-75.90	-76.33	4.14	-3.72	-13.00	-62.90
3528.300	-49.27	-50.52	12.33	-11.08	-13.00	-36.27
5292.450	-54.72	-54.26	13.25	-13.71	-13.00	-41.72
7056.600	-45.74	-40.99	11.19	-15.94	-13.00	-32.74

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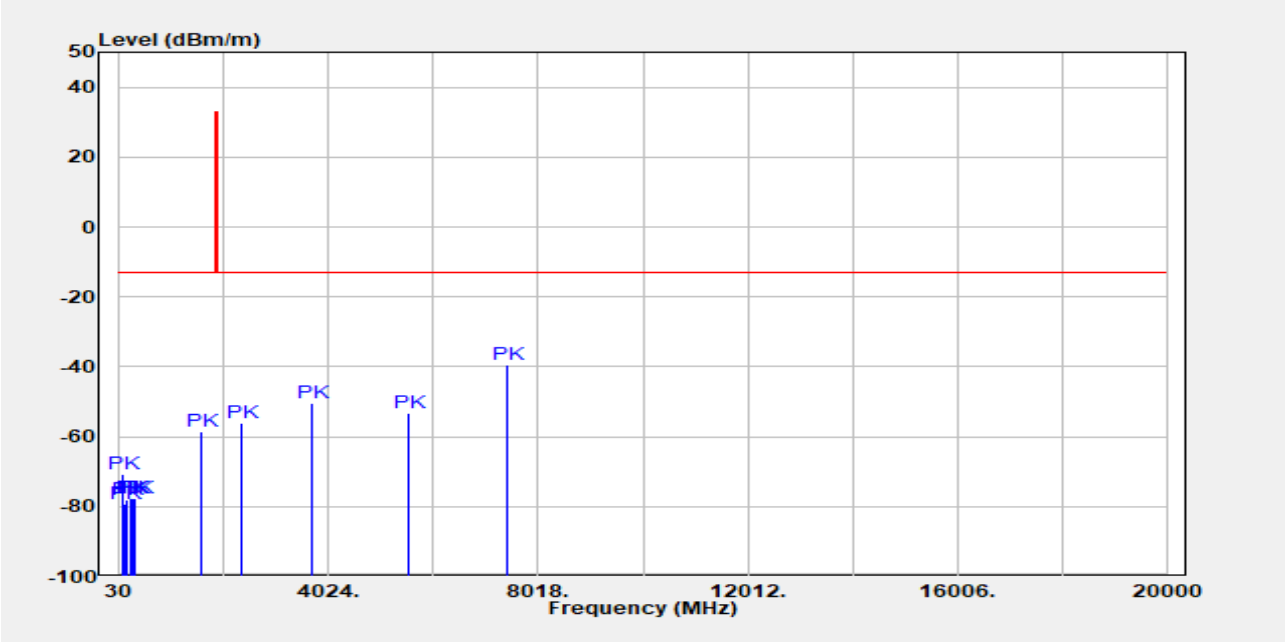
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 2A_14A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:1852.5_790.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
78.500	-70.80	-65.61	-3.58	-1.62	-13.00	-57.80
133.790	-79.17	-75.30	-1.75	-2.12	-13.00	-66.17
174.530	-77.87	-75.92	0.46	-2.42	-13.00	-64.87
229.820	-77.54	-79.49	4.72	-2.77	-13.00	-64.54
285.110	-77.81	-78.40	3.68	-3.09	-13.00	-64.81
339.430	-77.56	-78.18	4.00	-3.37	-13.00	-64.56
1581.000	-58.37	-60.27	9.20	-7.30	-13.00	-45.37
2371.500	-56.26	-57.25	10.02	-9.02	-13.00	-43.26
3705.000	-50.39	-51.53	12.50	-11.36	-13.00	-37.39
5557.500	-53.27	-52.43	13.23	-14.07	-13.00	-40.27
7410.000	-39.27	-34.00	11.08	-16.35	-13.00	-26.27

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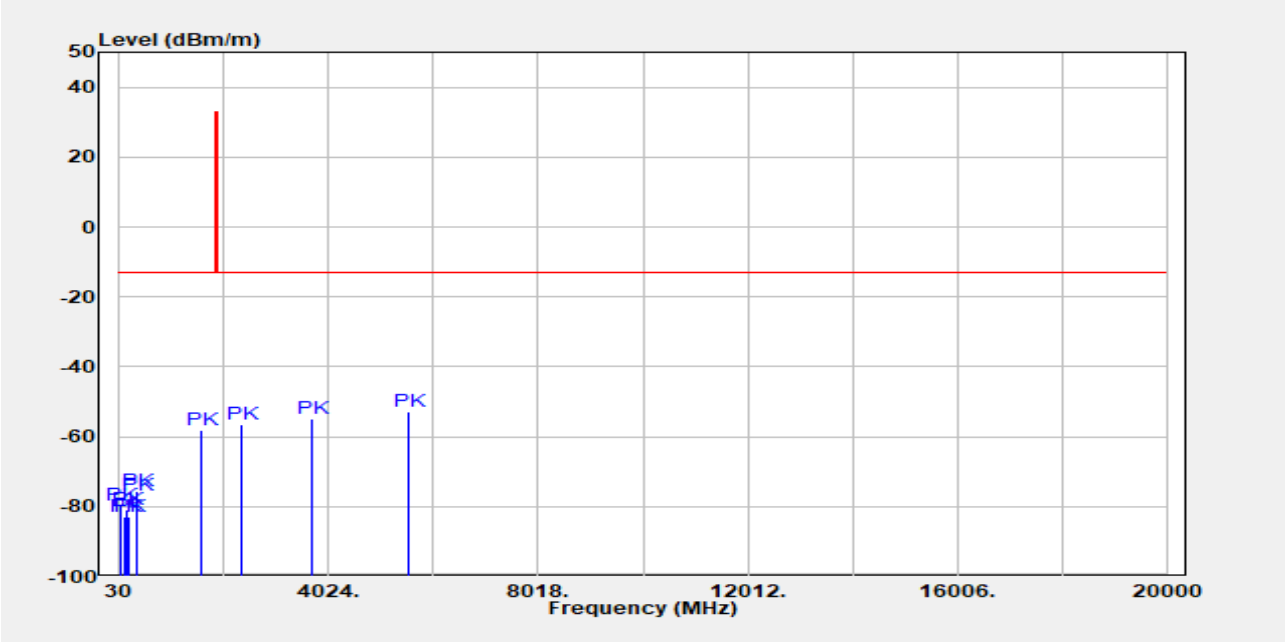
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 2A_14A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:1852.5_790.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
59.100	-79.48	-68.07	-10.00	-1.41	-13.00	-66.48
120.210	-82.99	-79.46	-1.52	-2.01	-13.00	-69.99
162.890	-80.93	-77.81	-0.79	-2.33	-13.00	-67.93
207.510	-82.76	-84.30	4.17	-2.64	-13.00	-69.76
354.950	-76.86	-77.70	4.28	-3.43	-13.00	-63.86
374.350	-75.78	-76.31	4.07	-3.53	-13.00	-62.78
1581.000	-58.12	-60.02	9.20	-7.30	-13.00	-45.12
2371.500	-56.56	-57.55	10.02	-9.02	-13.00	-43.56
3705.000	-54.75	-55.90	12.50	-11.36	-13.00	-41.75
5557.500	-52.95	-52.11	13.23	-14.07	-13.00	-39.95

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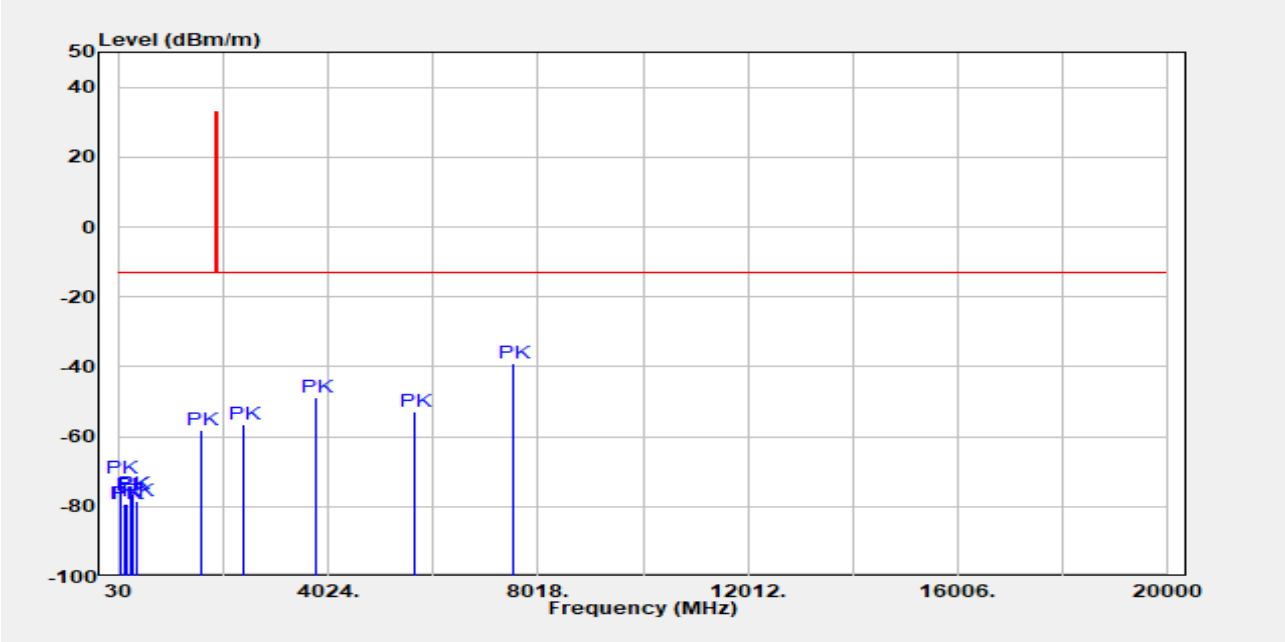
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 2A_14A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:1880_793 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
69.770	-71.81	-63.59	-6.69	-1.53	-13.00	-58.81
138.640	-79.24	-75.25	-1.85	-2.15	-13.00	-66.24
183.260	-79.27	-78.57	1.77	-2.47	-13.00	-66.27
229.820	-76.92	-78.88	4.72	-2.77	-13.00	-63.92
270.560	-76.38	-77.17	3.79	-3.01	-13.00	-63.38
362.710	-78.45	-79.19	4.22	-3.47	-13.00	-65.45
1586.000	-58.19	-60.08	9.20	-7.31	-13.00	-45.19
2379.000	-56.45	-57.51	10.09	-9.04	-13.00	-43.45
3760.000	-48.92	-49.97	12.50	-11.44	-13.00	-35.92
5640.000	-52.67	-51.98	13.48	-14.17	-13.00	-39.67
7520.000	-38.96	-33.59	11.08	-16.45	-13.00	-25.96

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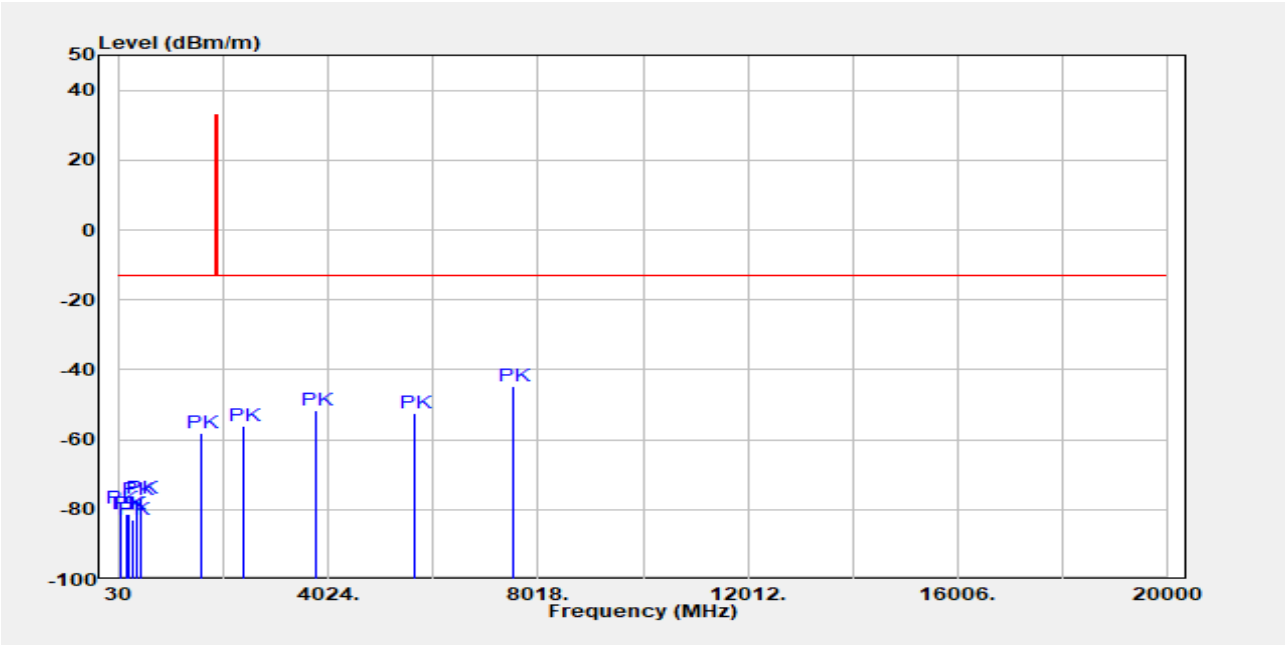
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 2A_14A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:1880_793 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
58.130	-79.77	-68.15	-10.22	-1.40	-13.00	-66.77
149.310	-81.48	-77.64	-1.60	-2.23	-13.00	-68.48
209.450	-81.27	-82.91	4.29	-2.65	-13.00	-68.27
285.110	-82.84	-83.44	3.68	-3.09	-13.00	-69.84
376.290	-77.39	-77.89	4.04	-3.54	-13.00	-64.39
419.940	-76.76	-77.16	4.14	-3.74	-13.00	-63.76
1586.000	-58.15	-60.04	9.20	-7.31	-13.00	-45.15
2379.000	-56.28	-57.34	10.09	-9.04	-13.00	-43.28
3760.000	-51.58	-52.64	12.50	-11.44	-13.00	-38.58
5640.000	-52.30	-51.61	13.48	-14.17	-13.00	-39.30
7520.000	-44.88	-39.51	11.08	-16.45	-13.00	-31.88

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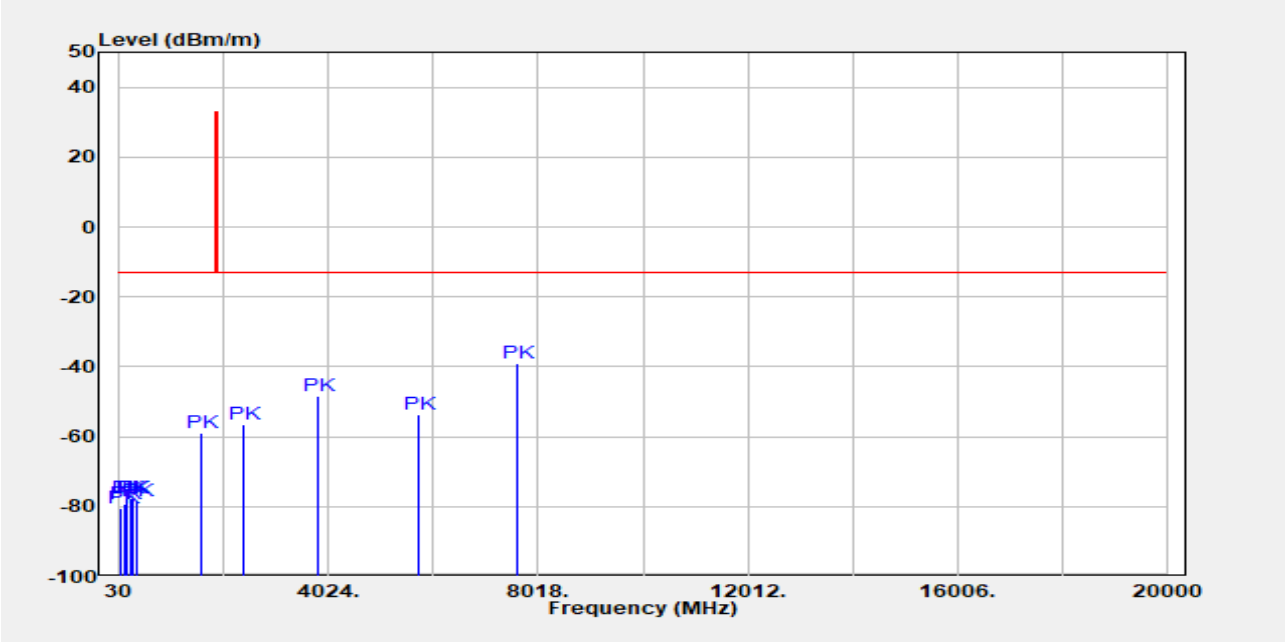
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 2A_14A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:1907.5_795.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
70.740	-80.31	-72.32	-6.45	-1.54	-13.00	-67.31
142.520	-79.36	-75.34	-1.84	-2.18	-13.00	-66.36
179.380	-77.81	-76.52	1.16	-2.45	-13.00	-64.81
231.760	-77.77	-79.45	4.46	-2.78	-13.00	-64.77
282.200	-77.55	-78.18	3.70	-3.07	-13.00	-64.55
370.470	-78.49	-79.11	4.13	-3.51	-13.00	-65.49
1591.000	-58.75	-60.64	9.21	-7.32	-13.00	-45.75
2386.500	-56.43	-57.48	10.10	-9.05	-13.00	-43.43
3815.000	-48.34	-49.26	12.44	-11.52	-13.00	-35.34
5722.500	-53.57	-52.59	13.30	-14.28	-13.00	-40.57
7630.000	-39.06	-33.80	11.32	-16.58	-13.00	-26.06

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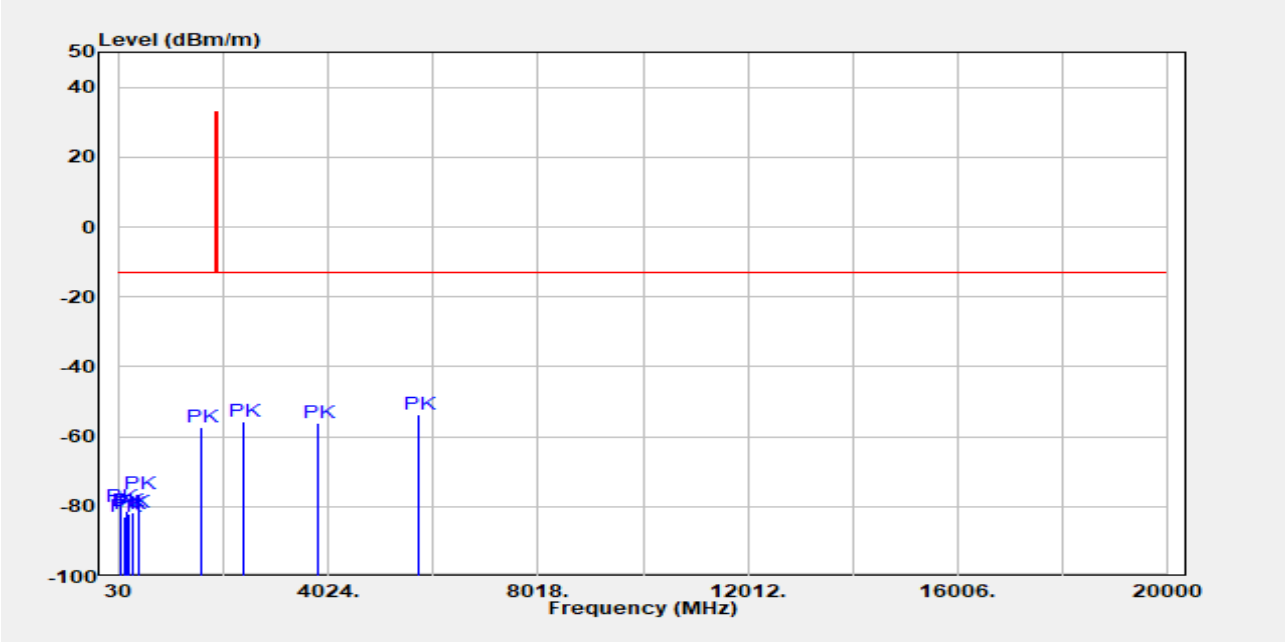
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 2A_14A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:1907.5_795.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
61.040	-80.10	-69.27	-9.40	-1.43	-13.00	-67.10
120.210	-82.82	-79.29	-1.52	-2.01	-13.00	-69.82
170.650	-81.40	-78.96	-0.04	-2.39	-13.00	-68.40
205.570	-82.01	-83.44	4.05	-2.62	-13.00	-69.01
264.740	-81.78	-83.02	4.22	-2.98	-13.00	-68.78
408.300	-76.60	-76.92	4.00	-3.68	-13.00	-63.60
1591.000	-57.38	-59.27	9.21	-7.32	-13.00	-44.38
2386.500	-55.75	-56.79	10.10	-9.05	-13.00	-42.75
3815.000	-56.12	-57.04	12.44	-11.52	-13.00	-43.12
5722.500	-53.49	-52.51	13.30	-14.28	-13.00	-40.49

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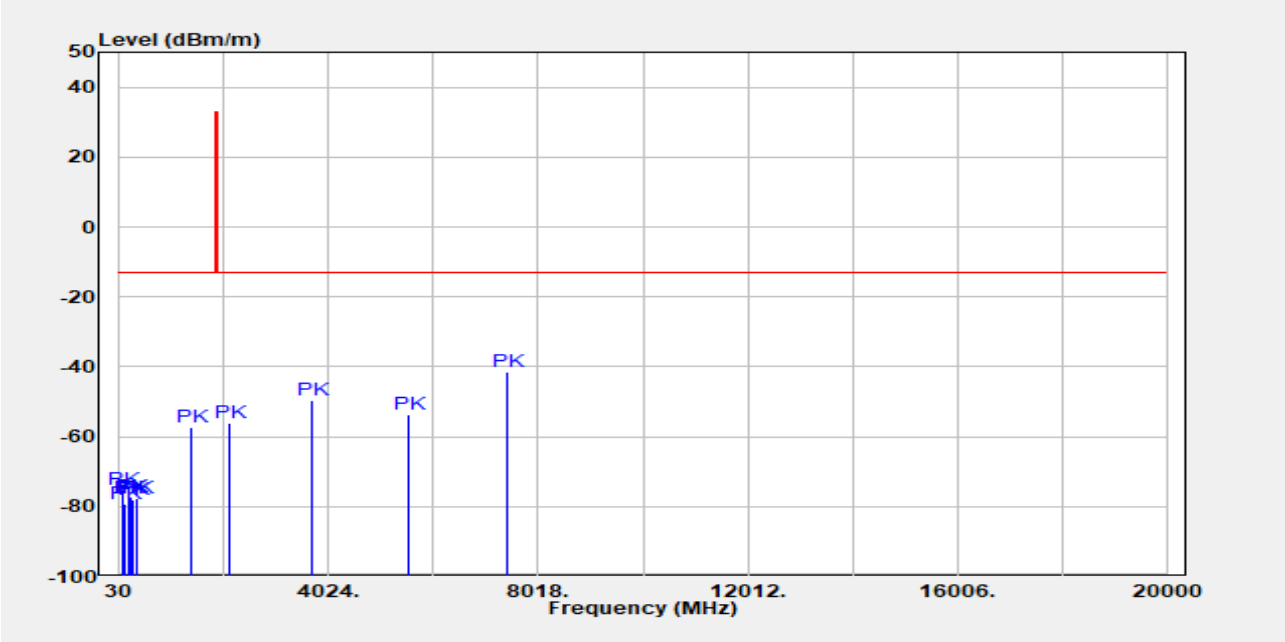
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 2A_17A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:1852.5_706.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
73.650	-75.21	-68.32	-5.32	-1.57	-13.00	-62.21
139.610	-79.11	-75.13	-1.82	-2.16	-13.00	-66.11
207.510	-77.47	-79.01	4.17	-2.64	-13.00	-64.47
228.850	-77.23	-79.25	4.78	-2.76	-13.00	-64.23
279.290	-78.03	-78.68	3.71	-3.06	-13.00	-65.03
373.380	-77.77	-78.33	4.09	-3.53	-13.00	-64.77
1413.000	-57.48	-58.32	7.73	-6.89	-13.00	-44.48
2119.500	-56.19	-57.30	9.61	-8.50	-13.00	-43.19
3705.000	-49.58	-50.72	12.50	-11.36	-13.00	-36.58
5557.500	-53.51	-52.67	13.23	-14.07	-13.00	-40.51
7410.000	-41.65	-36.38	11.08	-16.35	-13.00	-28.65

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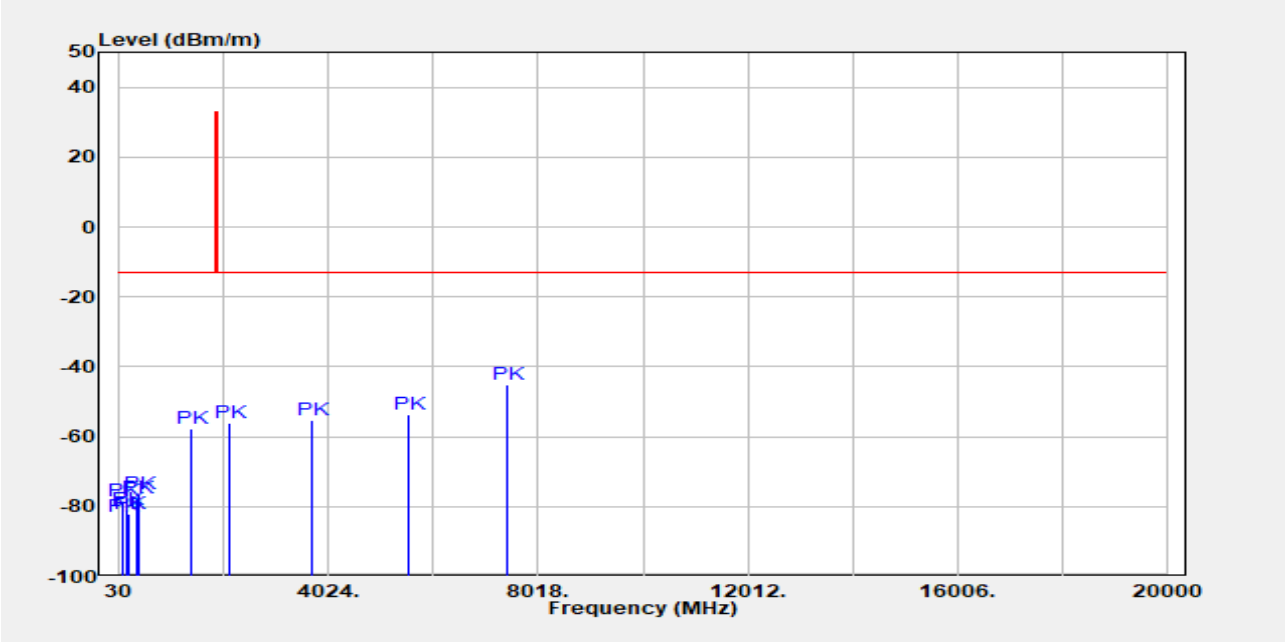
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 2A_17A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:1852.5_706.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
76.560	-78.39	-72.42	-4.37	-1.60	-13.00	-65.39
94.020	-82.78	-80.05	-0.96	-1.78	-13.00	-69.78
176.470	-81.05	-79.33	0.71	-2.43	-13.00	-68.05
213.330	-82.29	-84.08	4.46	-2.67	-13.00	-69.29
355.920	-77.66	-78.48	4.27	-3.44	-13.00	-64.66
405.390	-76.37	-76.64	3.94	-3.67	-13.00	-63.37
1413.000	-57.84	-58.68	7.73	-6.89	-13.00	-44.84
2119.500	-55.95	-57.05	9.61	-8.50	-13.00	-42.95
3705.000	-55.19	-56.33	12.50	-11.36	-13.00	-42.19
5557.500	-53.51	-52.67	13.23	-14.07	-13.00	-40.51
7410.000	-45.26	-39.99	11.08	-16.35	-13.00	-32.26

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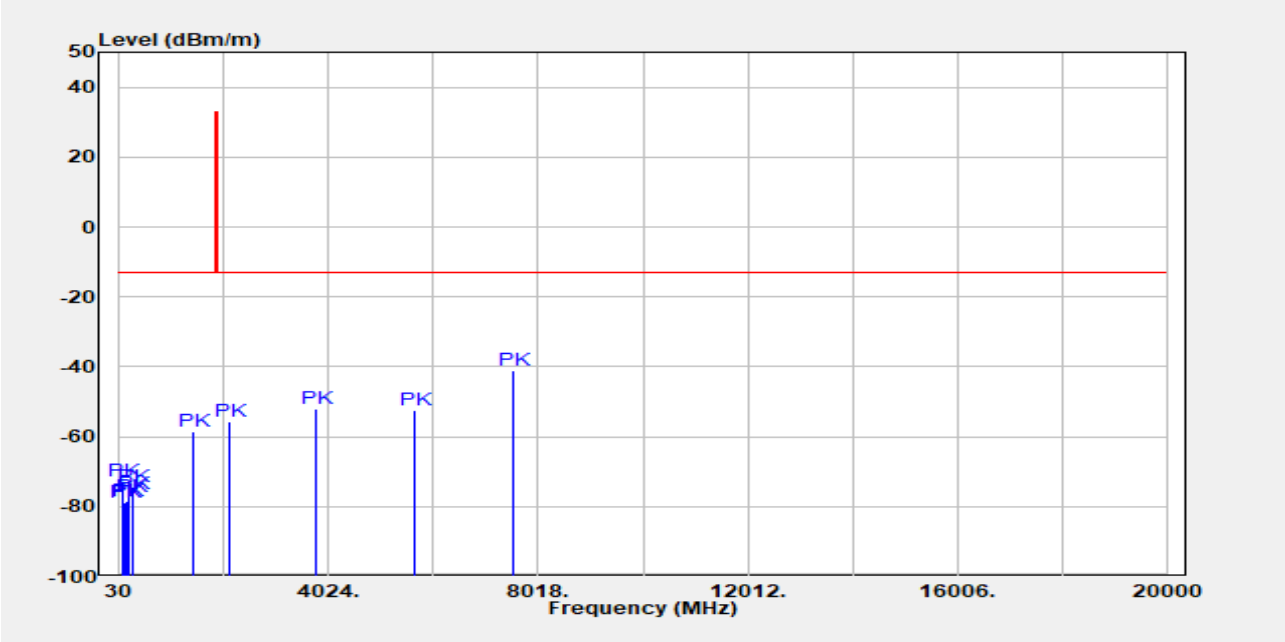
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 2A_17A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:1880_710 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
81.410	-72.76	-68.54	-2.56	-1.65	-13.00	-59.76
135.730	-78.77	-74.87	-1.77	-2.13	-13.00	-65.77
183.260	-78.32	-77.61	1.77	-2.47	-13.00	-65.32
224.000	-77.22	-79.45	4.96	-2.73	-13.00	-64.22
275.410	-74.35	-74.99	3.67	-3.04	-13.00	-61.35
295.780	-76.32	-76.97	3.79	-3.14	-13.00	-63.32
1420.000	-58.34	-59.23	7.80	-6.91	-13.00	-45.34
2130.000	-55.87	-56.95	9.60	-8.53	-13.00	-42.87
3760.000	-51.96	-53.01	12.50	-11.44	-13.00	-38.96
5640.000	-52.31	-51.63	13.48	-14.17	-13.00	-39.31
7520.000	-41.21	-35.84	11.08	-16.45	-13.00	-28.21

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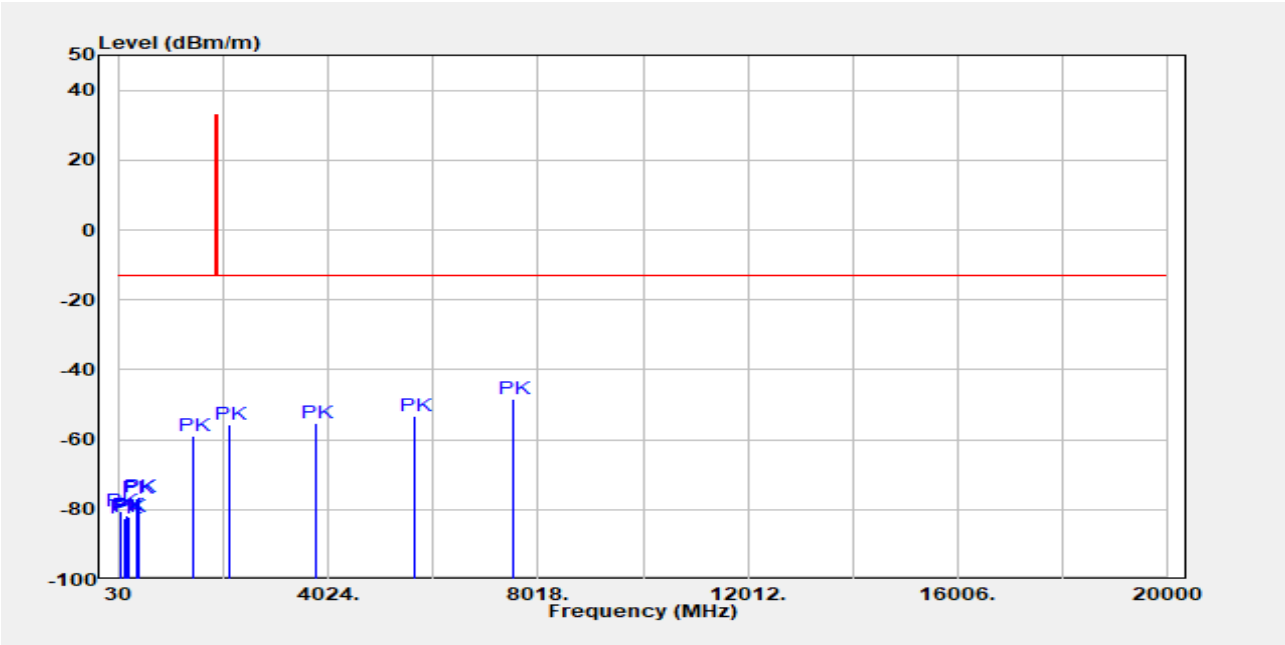
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 2A_17A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:1880_710 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
60.070	-80.48	-69.14	-9.92	-1.42	-13.00	-67.48
112.450	-82.53	-79.04	-1.55	-1.94	-13.00	-69.53
163.860	-81.84	-78.77	-0.73	-2.34	-13.00	-68.84
208.480	-82.19	-83.78	4.23	-2.64	-13.00	-69.19
360.770	-76.95	-77.70	4.21	-3.46	-13.00	-63.95
399.570	-76.62	-76.89	3.92	-3.65	-13.00	-63.62
1420.000	-58.81	-59.70	7.80	-6.91	-13.00	-45.81
2130.000	-55.58	-56.66	9.60	-8.53	-13.00	-42.58
3760.000	-55.44	-56.49	12.50	-11.44	-13.00	-42.44
5640.000	-53.25	-52.56	13.48	-14.17	-13.00	-40.25
7520.000	-48.40	-43.03	11.08	-16.45	-13.00	-35.40

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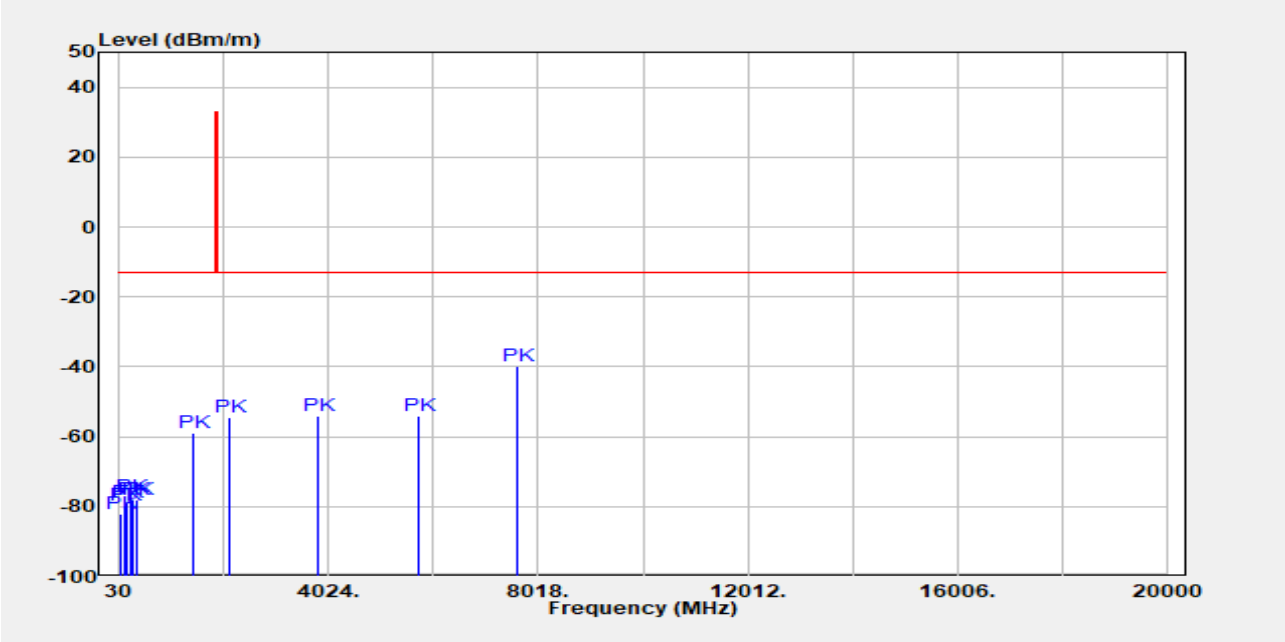
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 2A_17A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:1907.5_713.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
48.430	-81.95	-68.40	-12.27	-1.28	-13.00	-68.95
134.760	-79.60	-75.67	-1.80	-2.12	-13.00	-66.60
177.440	-78.98	-77.45	0.91	-2.43	-13.00	-65.98
232.730	-77.39	-78.93	4.32	-2.79	-13.00	-64.39
279.290	-78.16	-78.81	3.71	-3.06	-13.00	-65.16
356.890	-77.96	-78.76	4.25	-3.44	-13.00	-64.96
1427.000	-59.01	-59.88	7.80	-6.92	-13.00	-46.01
2140.500	-54.55	-55.59	9.59	-8.55	-13.00	-41.55
3815.000	-54.18	-55.10	12.44	-11.52	-13.00	-41.18
5722.500	-53.93	-52.95	13.30	-14.28	-13.00	-40.93
7630.000	-40.04	-34.78	11.32	-16.58	-13.00	-27.04

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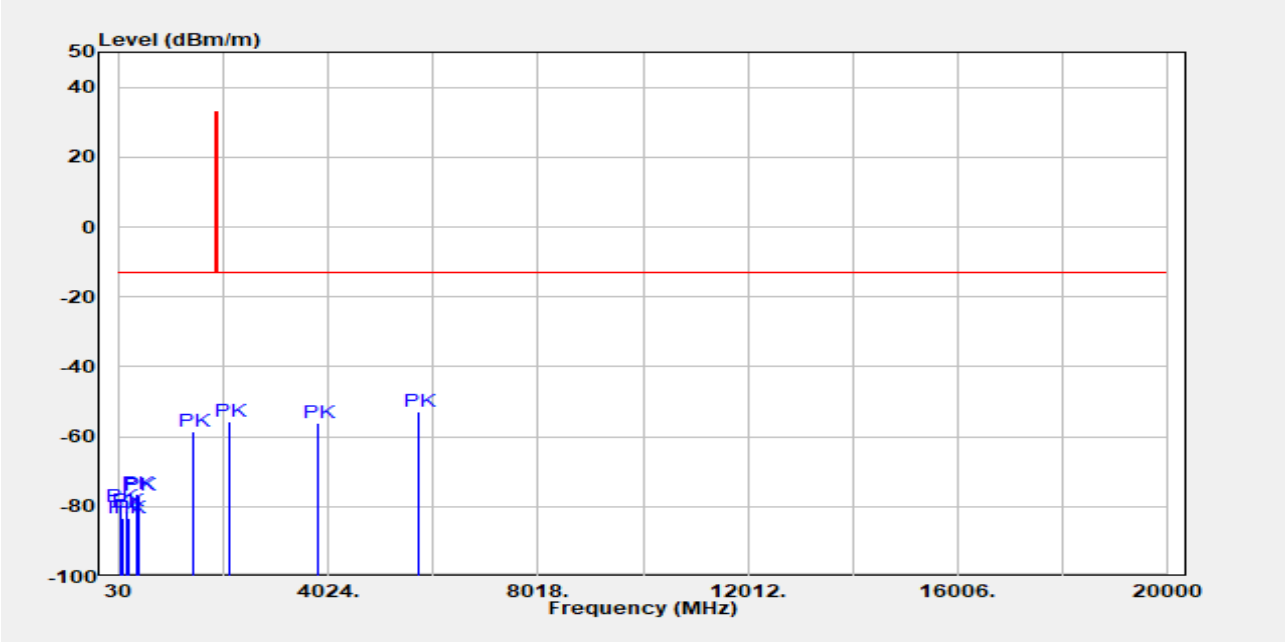
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 2A_17A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:1907.5_713.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
58.130	-79.93	-68.32	-10.22	-1.40	-13.00	-66.93
94.020	-83.23	-80.50	-0.96	-1.78	-13.00	-70.23
159.980	-81.20	-77.85	-1.04	-2.31	-13.00	-68.20
212.360	-83.14	-84.89	4.42	-2.66	-13.00	-70.14
374.350	-76.47	-77.01	4.07	-3.53	-13.00	-63.47
410.240	-76.63	-76.99	4.04	-3.69	-13.00	-63.63
1427.000	-58.64	-59.51	7.80	-6.92	-13.00	-45.64
2140.500	-55.83	-56.88	9.59	-8.55	-13.00	-42.83
3815.000	-56.14	-57.06	12.44	-11.52	-13.00	-43.14
5722.500	-52.98	-51.99	13.30	-14.28	-13.00	-39.98

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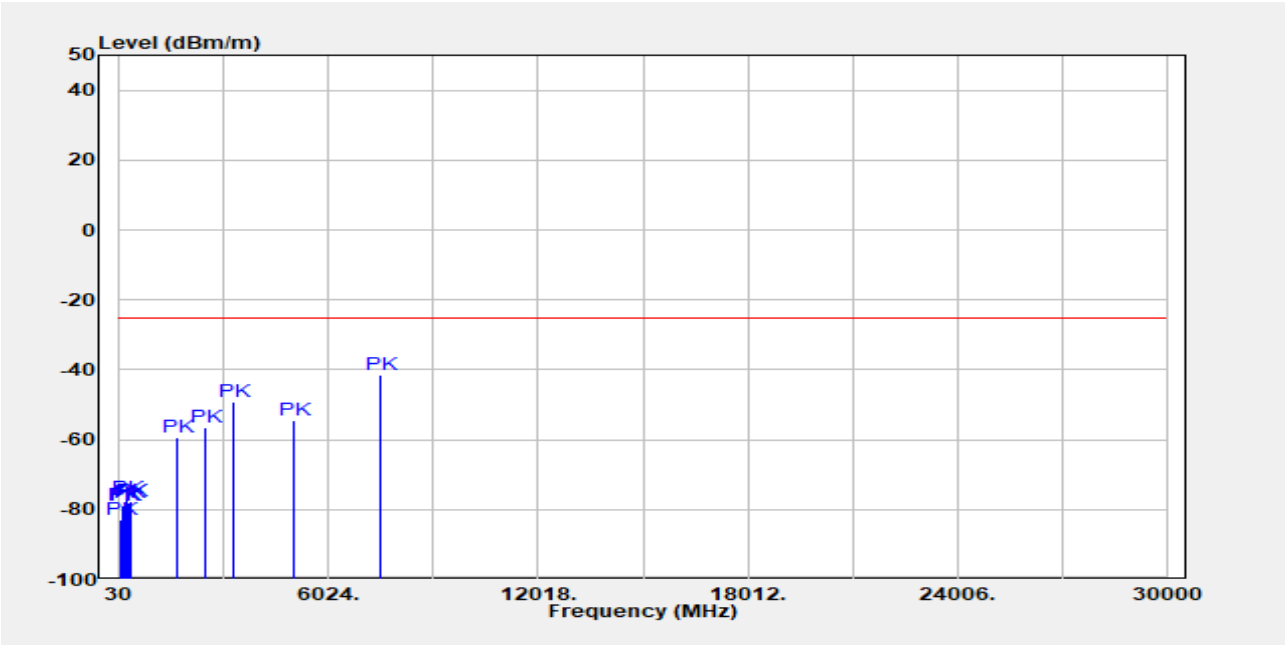
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 5A_7A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:826.5_2502.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
49.400	-82.97	-69.57	-12.11	-1.29	-25.00	-57.97
136.700	-78.86	-75.02	-1.71	-2.14	-25.00	-53.86
176.470	-78.94	-77.22	0.71	-2.43	-25.00	-53.94
228.850	-76.84	-78.86	4.78	-2.76	-25.00	-51.84
277.350	-78.16	-78.80	3.69	-3.05	-25.00	-53.16
371.440	-77.66	-78.26	4.12	-3.52	-25.00	-52.66
1653.000	-59.34	-61.47	9.60	-7.47	-25.00	-34.34
2479.500	-56.32	-57.69	10.60	-9.23	-25.00	-31.32
3306.000	-49.33	-50.93	12.32	-10.72	-25.00	-24.33
5005.000	-54.36	-53.66	12.59	-13.30	-25.00	-29.36
7507.500	-41.32	-35.91	11.03	-16.44	-25.00	-16.32

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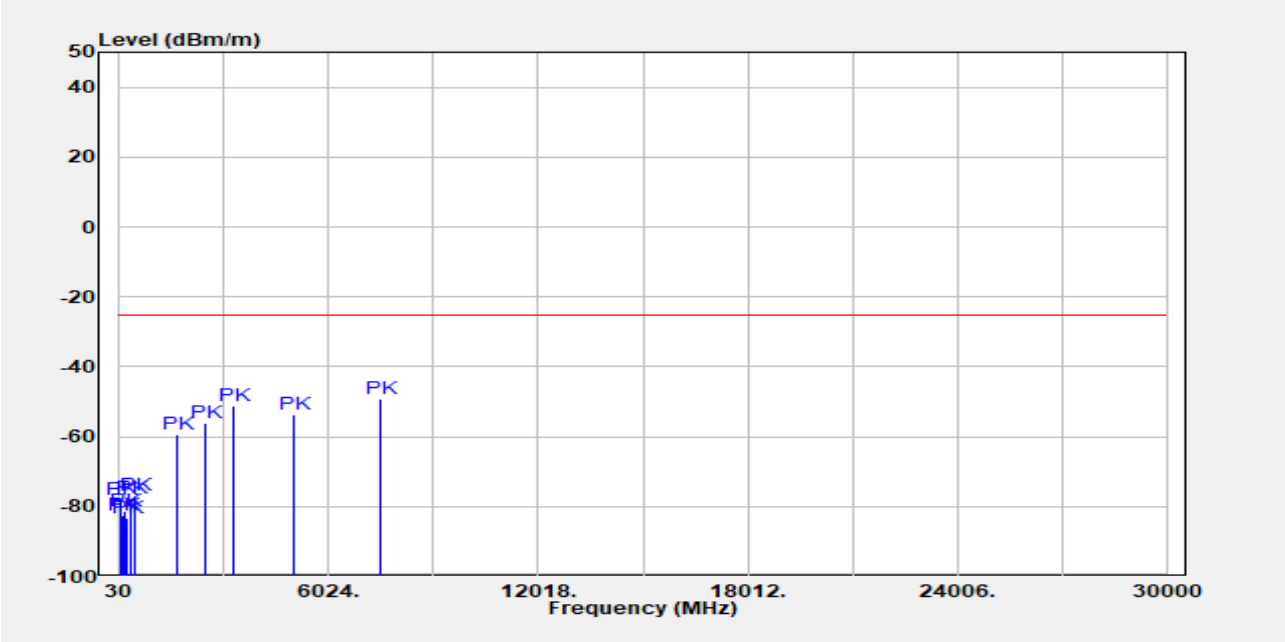
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 5A_7A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:826.5_2502.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
80.440	-78.04	-73.46	-2.94	-1.64	-25.00	-53.04
120.210	-82.43	-78.89	-1.52	-2.01	-25.00	-57.43
158.040	-81.46	-78.01	-1.15	-2.30	-25.00	-56.46
210.420	-83.19	-84.88	4.34	-2.65	-25.00	-58.19
357.860	-77.56	-78.35	4.24	-3.45	-25.00	-52.56
452.920	-77.02	-76.94	3.80	-3.88	-25.00	-52.02
1653.000	-59.19	-61.32	9.60	-7.47	-25.00	-34.19
2479.500	-56.28	-57.65	10.60	-9.23	-25.00	-31.28
3306.000	-51.34	-52.94	12.32	-10.72	-25.00	-26.34
5005.000	-53.83	-53.12	12.59	-13.30	-25.00	-28.83
7507.500	-49.12	-43.71	11.03	-16.44	-25.00	-24.12

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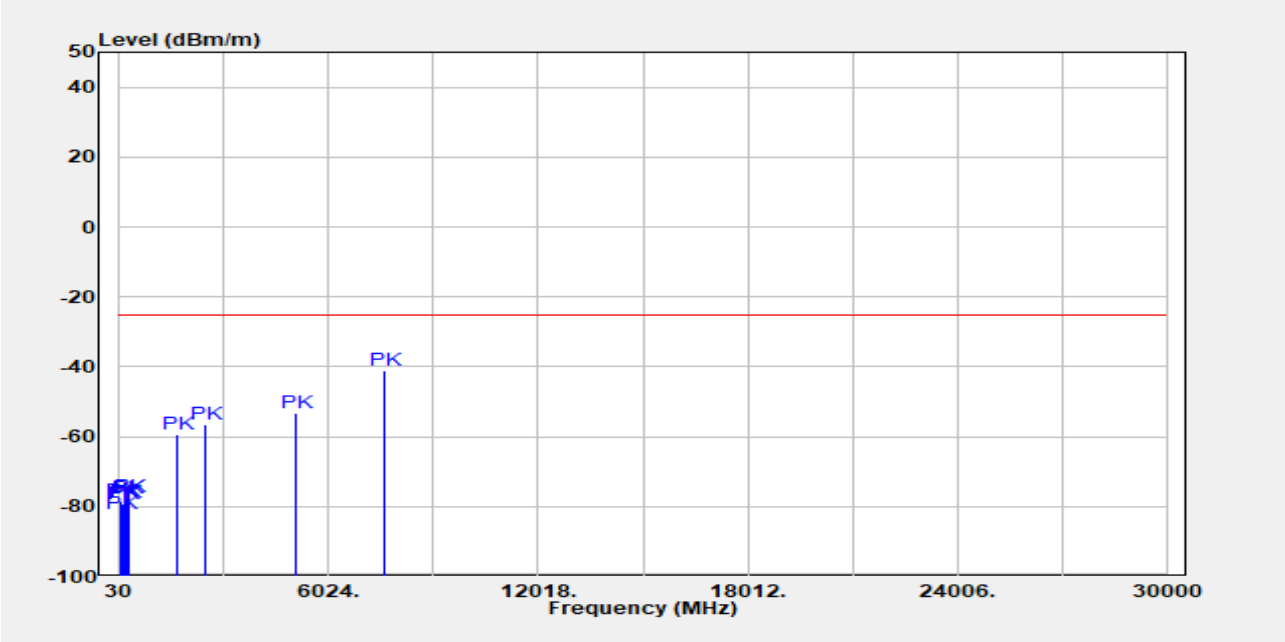
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 5A_7A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:836.5_2535 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
48.430	-82.13	-68.58	-12.27	-1.28	-25.00	-57.13
81.410	-78.37	-74.15	-2.56	-1.65	-25.00	-53.37
129.910	-79.16	-75.33	-1.74	-2.09	-25.00	-54.16
178.410	-78.79	-77.40	1.05	-2.44	-25.00	-53.79
228.850	-77.61	-79.63	4.78	-2.76	-25.00	-52.61
276.380	-77.05	-77.70	3.68	-3.04	-25.00	-52.05
1673.000	-59.18	-61.36	9.70	-7.52	-25.00	-34.18
2509.500	-56.40	-57.81	10.70	-9.29	-25.00	-31.40
5070.000	-53.18	-52.24	12.46	-13.40	-25.00	-28.18
7605.000	-41.26	-35.93	11.22	-16.55	-25.00	-16.26

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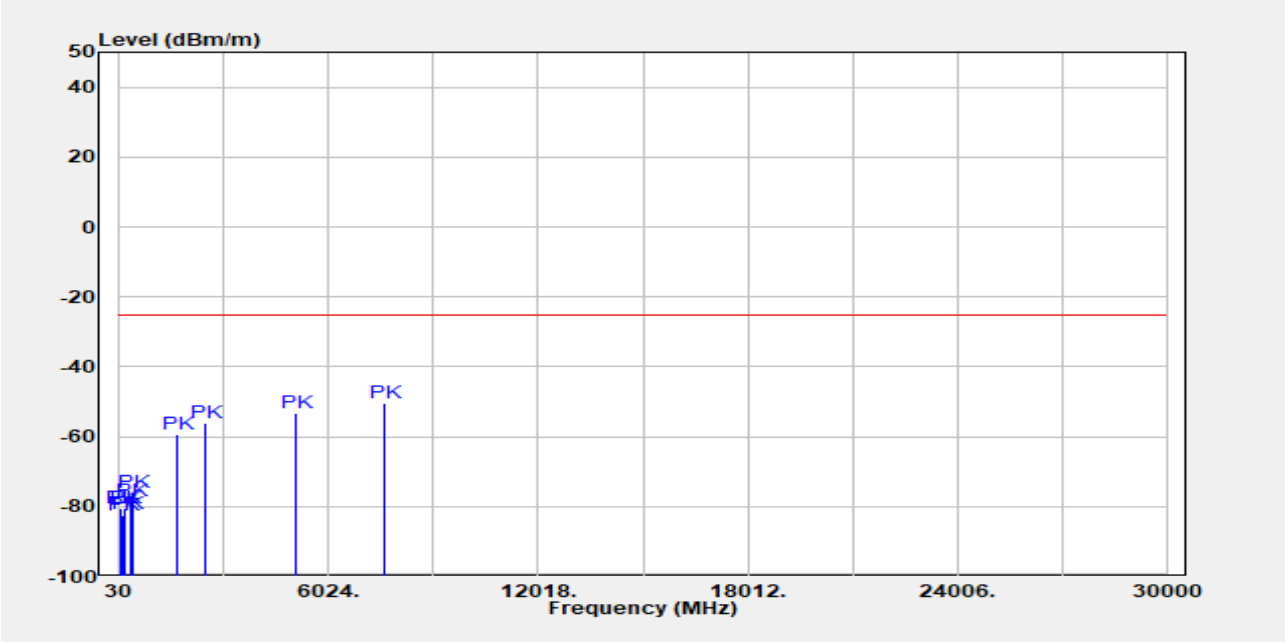
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 5A_7A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:836.5_2535 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
62.010	-80.56	-70.05	-9.07	-1.44	-25.00	-55.56
118.270	-82.49	-78.94	-1.56	-1.99	-25.00	-57.49
174.530	-80.43	-78.47	0.46	-2.42	-25.00	-55.43
207.510	-82.09	-83.63	4.17	-2.64	-25.00	-57.09
355.920	-78.34	-79.17	4.27	-3.44	-25.00	-53.34
407.330	-75.95	-76.25	3.98	-3.68	-25.00	-50.95
1673.000	-59.19	-61.37	9.70	-7.52	-25.00	-34.19
2509.500	-56.01	-57.42	10.70	-9.29	-25.00	-31.01
5070.000	-53.30	-52.36	12.46	-13.40	-25.00	-28.30
7605.000	-50.31	-44.98	11.22	-16.55	-25.00	-25.31

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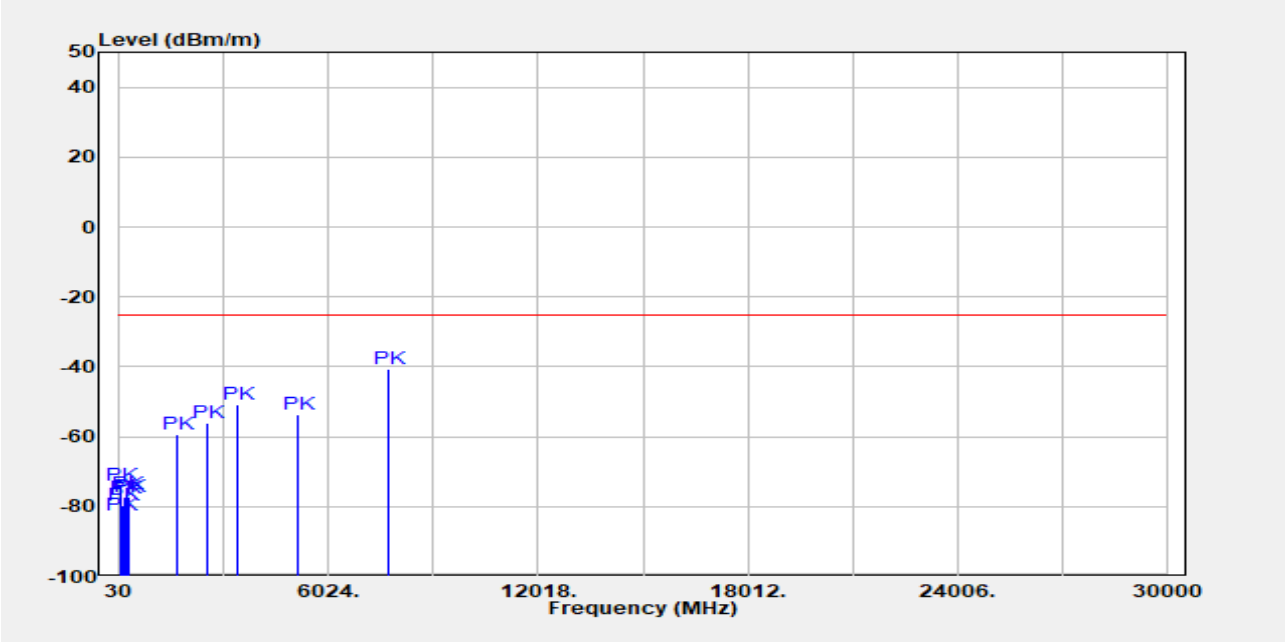
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 5A_7A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:846.5_2567.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
50.370	-82.65	-69.39	-11.95	-1.30	-25.00	-57.65
78.500	-74.09	-68.89	-3.58	-1.62	-25.00	-49.09
130.880	-79.73	-75.87	-1.77	-2.10	-25.00	-54.73
182.290	-77.81	-76.97	1.62	-2.47	-25.00	-52.81
232.730	-76.39	-77.92	4.32	-2.79	-25.00	-51.39
283.170	-77.11	-77.73	3.69	-3.08	-25.00	-52.11
1693.000	-59.42	-61.62	9.76	-7.56	-25.00	-34.42
2539.500	-56.21	-57.36	10.51	-9.35	-25.00	-31.21
3386.000	-50.75	-52.40	12.50	-10.85	-25.00	-25.75
5135.000	-53.61	-52.52	12.40	-13.49	-25.00	-28.61
7702.500	-40.79	-35.62	11.51	-16.67	-25.00	-15.79

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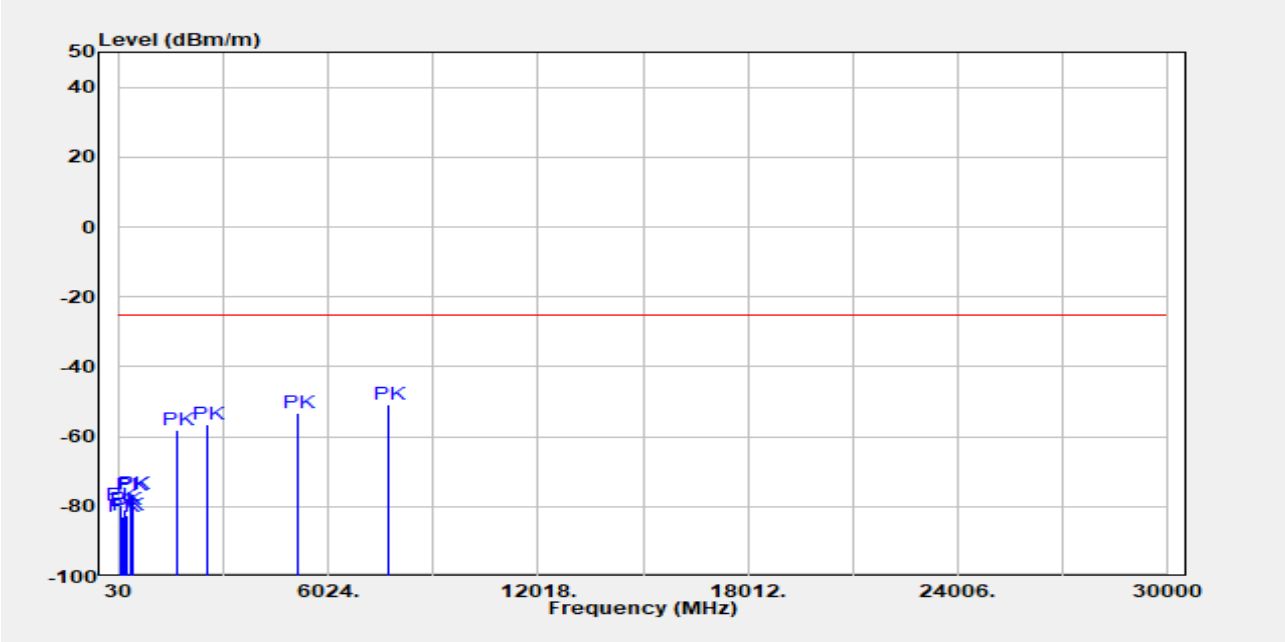
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 5A_7A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:846.5_2567.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
59.100	-79.55	-68.14	-10.00	-1.41	-25.00	-54.55
95.960	-83.12	-80.46	-0.87	-1.79	-25.00	-58.12
161.920	-80.89	-77.72	-0.84	-2.33	-25.00	-55.89
213.330	-82.59	-84.38	4.46	-2.67	-25.00	-57.59
366.590	-76.73	-77.44	4.20	-3.49	-25.00	-51.73
390.840	-76.62	-76.91	3.90	-3.60	-25.00	-51.62
1693.000	-58.14	-60.34	9.76	-7.56	-25.00	-33.14
2539.500	-56.35	-57.51	10.51	-9.35	-25.00	-31.35
5135.000	-53.25	-52.16	12.40	-13.49	-25.00	-28.25
7702.500	-50.94	-45.77	11.51	-16.67	-25.00	-25.94

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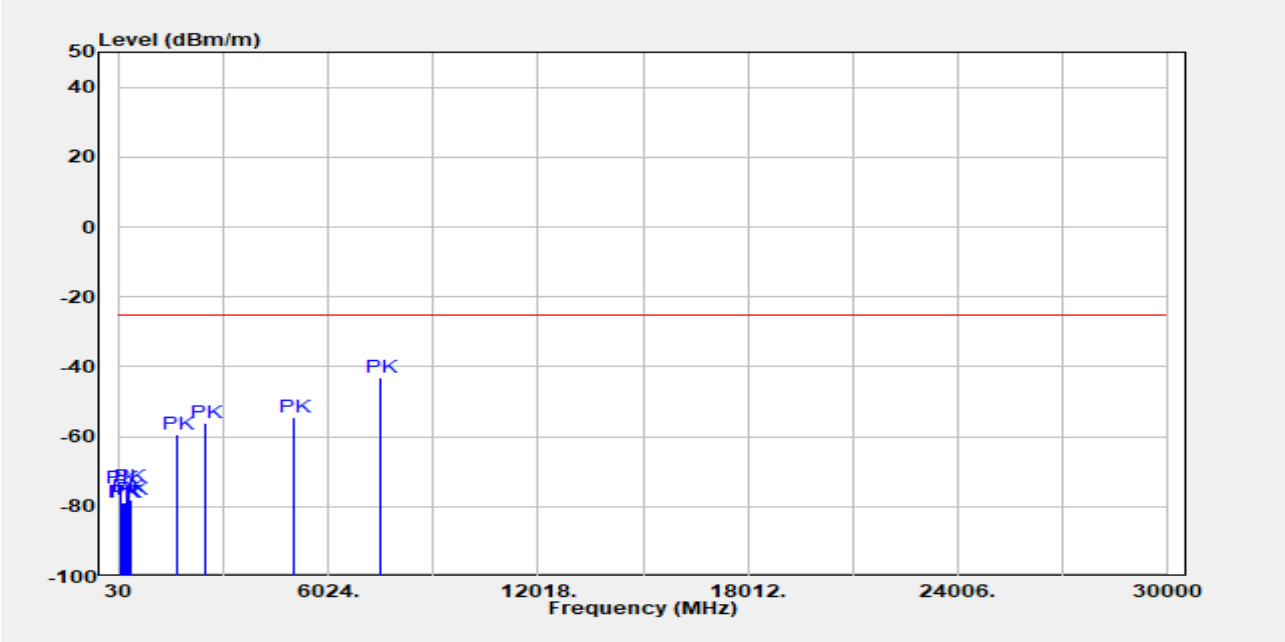
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 7A_26A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:2502.5_826.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
82.380	-74.78	-70.79	-2.33	-1.66	-25.00	-49.78
136.700	-78.93	-75.09	-1.71	-2.14	-25.00	-53.93
181.320	-78.72	-77.74	1.48	-2.46	-25.00	-53.72
231.760	-77.43	-79.11	4.46	-2.78	-25.00	-52.43
286.080	-74.20	-74.80	3.69	-3.09	-25.00	-49.20
333.610	-78.15	-78.68	3.87	-3.34	-25.00	-53.15
1653.000	-59.42	-61.56	9.60	-7.47	-25.00	-34.42
2479.500	-55.94	-57.31	10.60	-9.23	-25.00	-30.94
5005.000	-54.30	-53.59	12.59	-13.30	-25.00	-29.30
7507.500	-43.24	-37.83	11.03	-16.44	-25.00	-18.24

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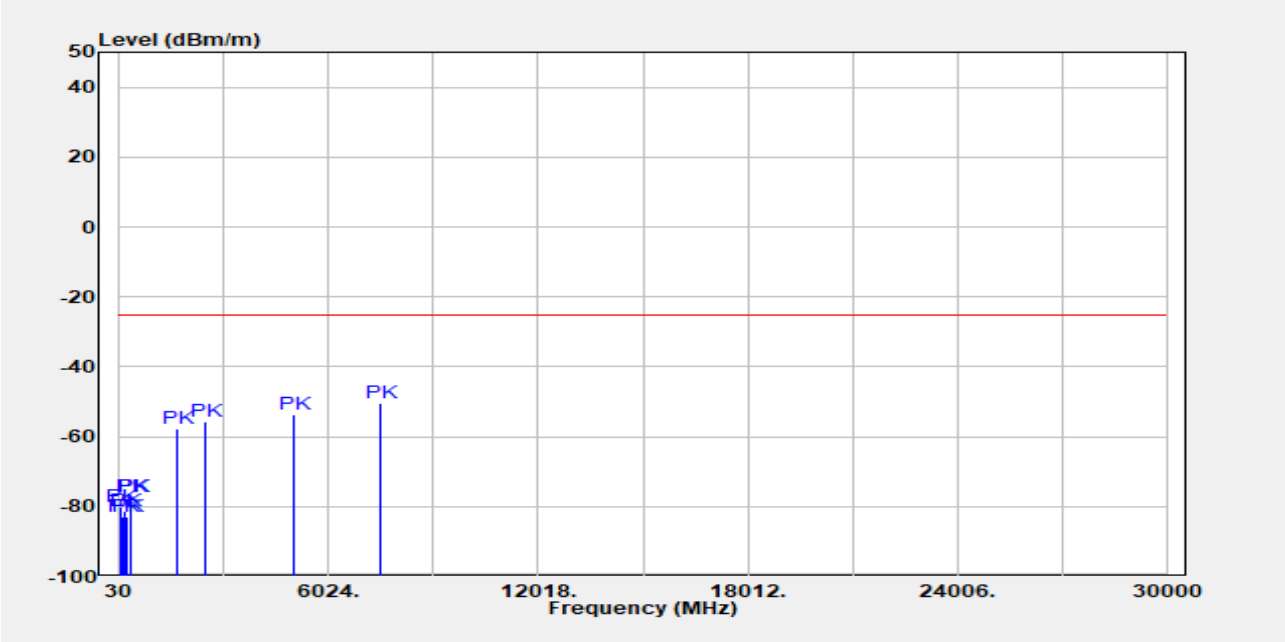
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 7A_26A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:2502.5_826.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
57.160	-79.98	-68.05	-10.54	-1.39	-25.00	-54.98
112.450	-82.90	-79.41	-1.55	-1.94	-25.00	-57.90
171.620	-81.45	-79.08	0.03	-2.40	-25.00	-56.45
213.330	-82.86	-84.65	4.46	-2.67	-25.00	-57.86
355.920	-77.39	-78.22	4.27	-3.44	-25.00	-52.39
381.140	-77.09	-77.49	3.96	-3.56	-25.00	-52.09
1653.000	-57.56	-59.70	9.60	-7.47	-25.00	-32.56
2479.500	-55.60	-56.97	10.60	-9.23	-25.00	-30.60
5005.000	-53.74	-53.03	12.59	-13.30	-25.00	-28.74
7507.500	-50.26	-44.85	11.03	-16.44	-25.00	-25.26

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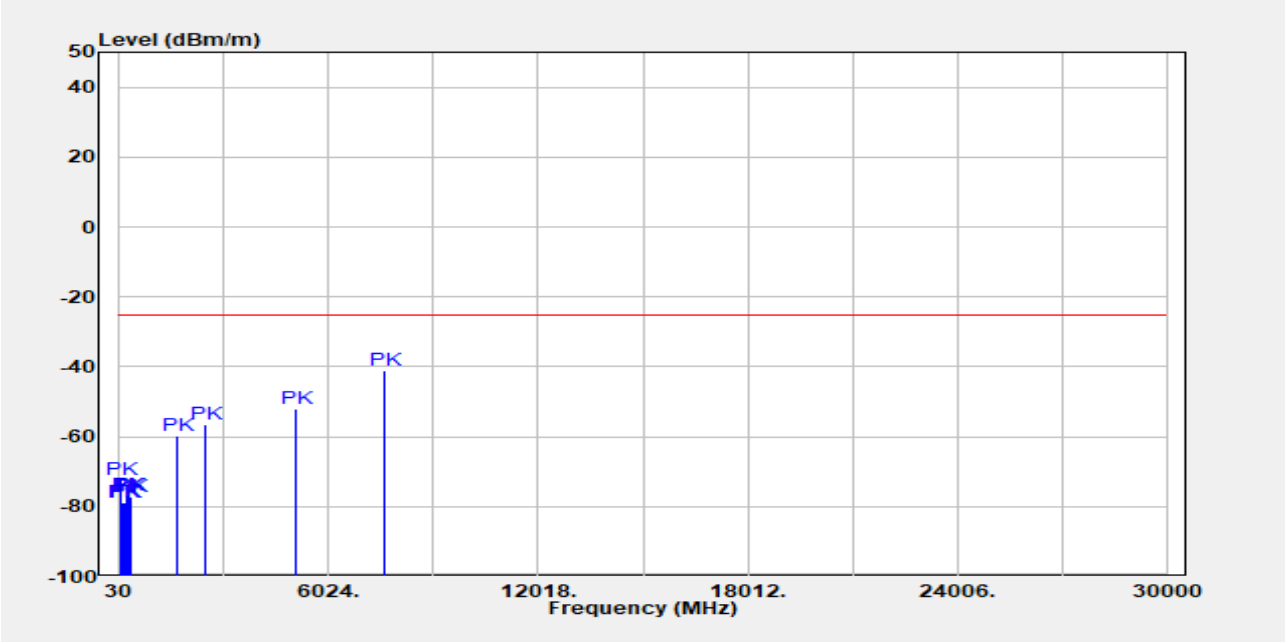
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 7A_26A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:2535_836.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
81.410	-72.54	-68.32	-2.56	-1.65	-25.00	-47.54
135.730	-78.81	-74.92	-1.77	-2.13	-25.00	-53.81
177.440	-78.81	-77.28	0.91	-2.43	-25.00	-53.81
231.760	-77.03	-78.71	4.46	-2.78	-25.00	-52.03
282.200	-76.83	-77.46	3.70	-3.07	-25.00	-51.83
332.640	-77.41	-77.95	3.87	-3.33	-25.00	-52.41
1673.000	-59.68	-61.86	9.70	-7.52	-25.00	-34.68
2509.500	-56.59	-58.00	10.70	-9.29	-25.00	-31.59
5070.000	-51.91	-50.98	12.46	-13.40	-25.00	-26.91
7605.000	-40.91	-35.58	11.22	-16.55	-25.00	-15.91

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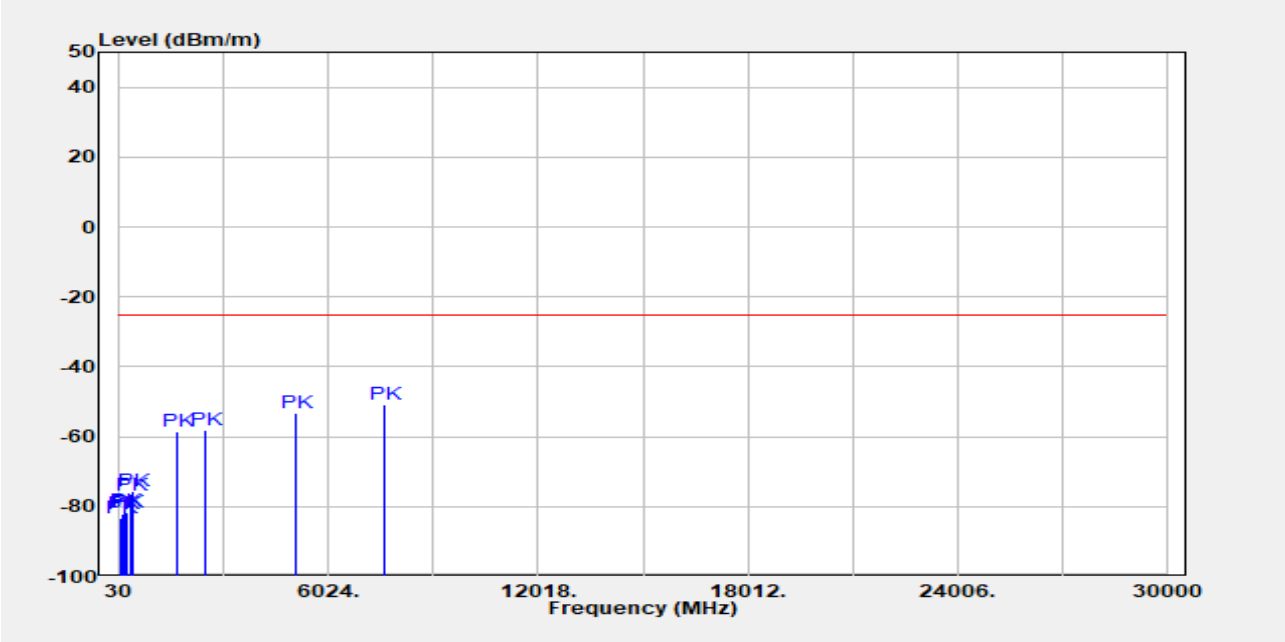
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 7A_26A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:2535_836.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
86.260	-83.24	-80.24	-1.30	-1.70	-25.00	-58.24
129.910	-82.24	-78.42	-1.74	-2.09	-25.00	-57.24
152.220	-81.27	-77.47	-1.55	-2.26	-25.00	-56.27
213.330	-81.52	-83.31	4.46	-2.67	-25.00	-56.52
377.260	-76.79	-77.27	4.02	-3.55	-25.00	-51.79
412.180	-75.68	-76.06	4.08	-3.70	-25.00	-50.68
1673.000	-58.51	-60.70	9.70	-7.52	-25.00	-33.51
2509.500	-58.33	-59.74	10.70	-9.29	-25.00	-33.33
5070.000	-53.26	-52.33	12.46	-13.40	-25.00	-28.26
7605.000	-50.63	-45.30	11.22	-16.55	-25.00	-25.63

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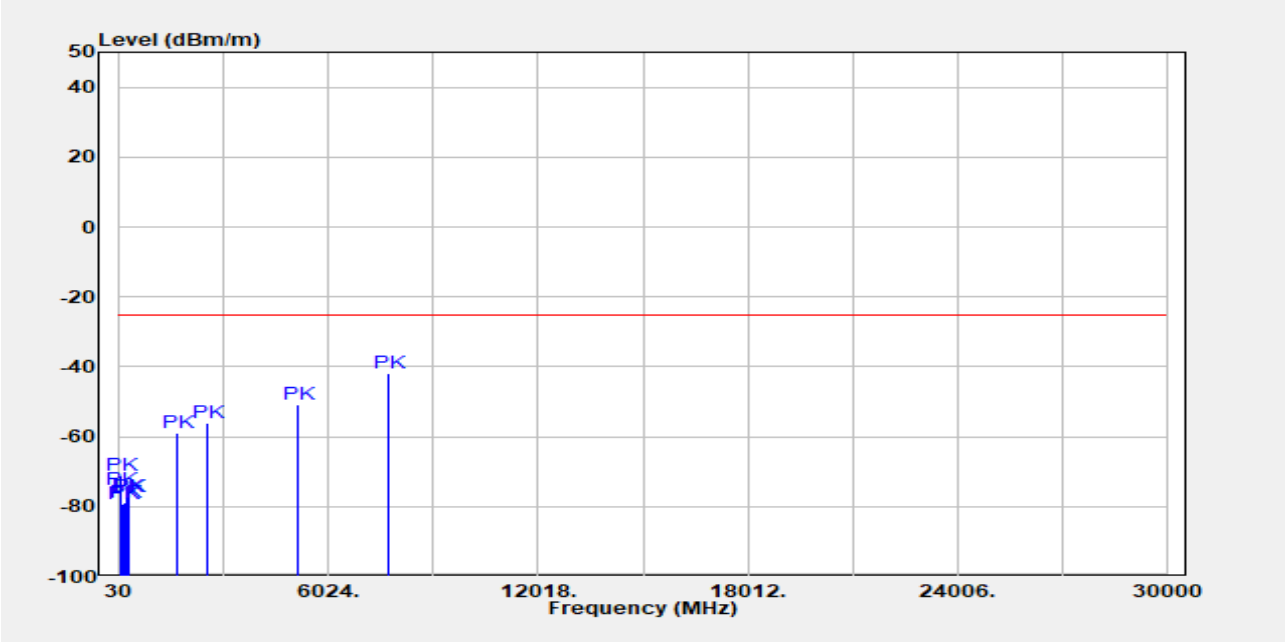
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 7A_26A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:2567.5_846.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
65.890	-75.03	-65.74	-7.80	-1.48	-25.00	-50.03
79.470	-71.33	-66.38	-3.32	-1.63	-25.00	-46.33
129.910	-79.21	-75.38	-1.74	-2.09	-25.00	-54.21
177.440	-78.75	-77.22	0.91	-2.43	-25.00	-53.75
231.760	-77.08	-78.76	4.46	-2.78	-25.00	-52.08
270.560	-77.24	-78.02	3.79	-3.01	-25.00	-52.24
1693.000	-58.90	-61.10	9.76	-7.56	-25.00	-33.90
2539.500	-56.02	-57.18	10.51	-9.35	-25.00	-31.02
5135.000	-51.01	-49.92	12.40	-13.49	-25.00	-26.01
7702.500	-41.91	-36.75	11.51	-16.67	-25.00	-16.91

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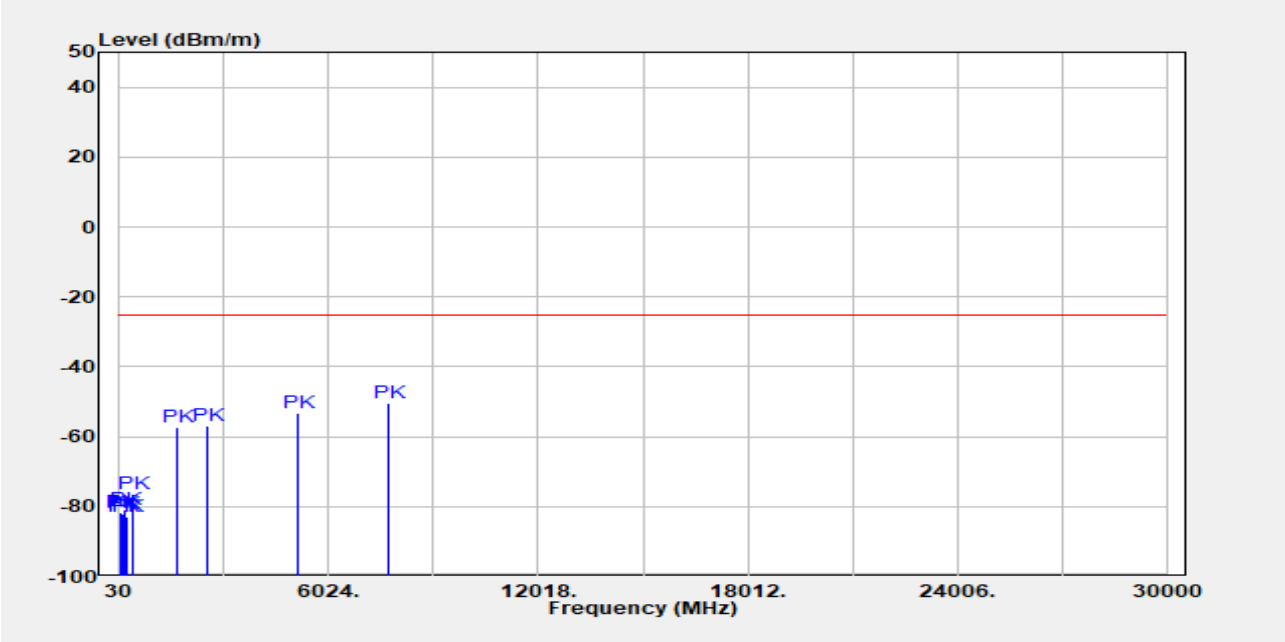
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 7A_26A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:2567.5_846.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
65.890	-81.60	-72.31	-7.80	-1.48	-25.00	-56.60
96.930	-82.77	-79.90	-1.07	-1.80	-25.00	-57.77
119.240	-82.31	-78.79	-1.52	-2.00	-25.00	-57.31
173.560	-81.00	-78.96	0.38	-2.41	-25.00	-56.00
209.450	-82.77	-84.41	4.29	-2.65	-25.00	-57.77
404.420	-76.24	-76.50	3.93	-3.67	-25.00	-51.24
1693.000	-57.21	-59.41	9.76	-7.56	-25.00	-32.21
2539.500	-56.79	-57.94	10.51	-9.35	-25.00	-31.79
5135.000	-53.19	-52.10	12.40	-13.49	-25.00	-28.19
7702.500	-50.38	-45.21	11.51	-16.67	-25.00	-25.38

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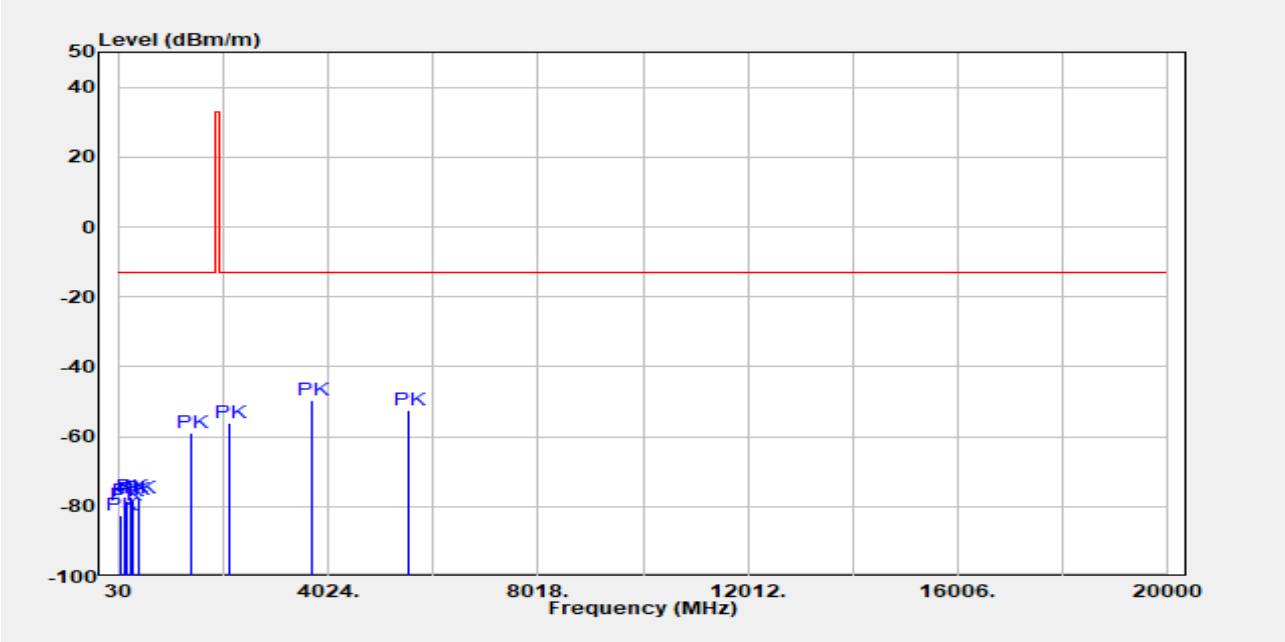
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 12A_25A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:704_1852.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
52.310	-82.65	-69.74	-11.58	-1.33	-13.00	-69.65
131.850	-79.60	-75.78	-1.72	-2.10	-13.00	-66.60
179.380	-78.49	-77.20	1.16	-2.45	-13.00	-65.49
230.790	-77.04	-78.86	4.60	-2.77	-13.00	-64.04
265.710	-78.21	-79.41	4.18	-2.99	-13.00	-65.21
413.150	-77.75	-78.15	4.10	-3.71	-13.00	-64.75
1408.000	-59.06	-59.86	7.68	-6.88	-13.00	-46.06
2112.000	-56.14	-57.34	9.68	-8.49	-13.00	-43.14
3705.000	-49.74	-50.88	12.50	-11.36	-13.00	-36.74
5557.500	-52.56	-51.72	13.23	-14.07	-13.00	-39.56

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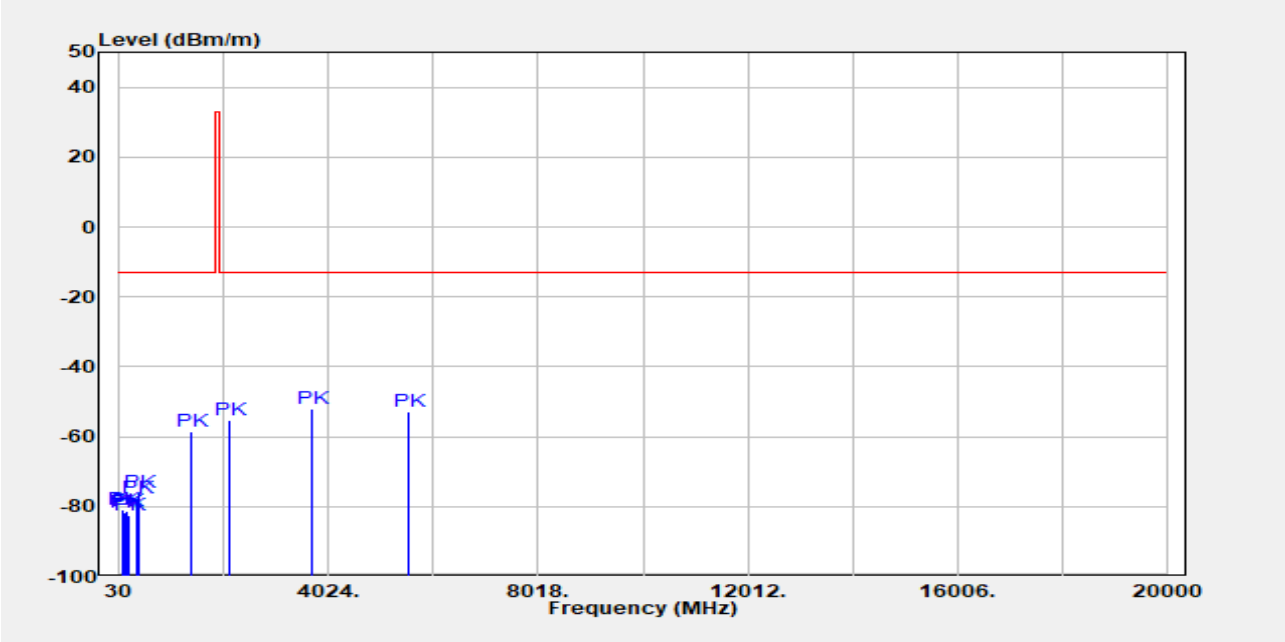
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 12A_25A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:704_1852.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
73.650	-80.91	-74.03	-5.32	-1.57	-13.00	-67.91
122.150	-81.74	-78.21	-1.51	-2.03	-13.00	-68.74
181.320	-81.41	-80.43	1.48	-2.46	-13.00	-68.41
212.360	-82.56	-84.31	4.42	-2.66	-13.00	-69.56
362.710	-77.54	-78.29	4.22	-3.47	-13.00	-64.54
385.990	-76.16	-76.47	3.89	-3.58	-13.00	-63.16
1408.000	-58.61	-59.41	7.68	-6.88	-13.00	-45.61
2112.000	-55.34	-56.53	9.68	-8.49	-13.00	-42.34
3705.000	-51.86	-53.01	12.50	-11.36	-13.00	-38.86
5557.500	-52.96	-52.12	13.23	-14.07	-13.00	-39.96

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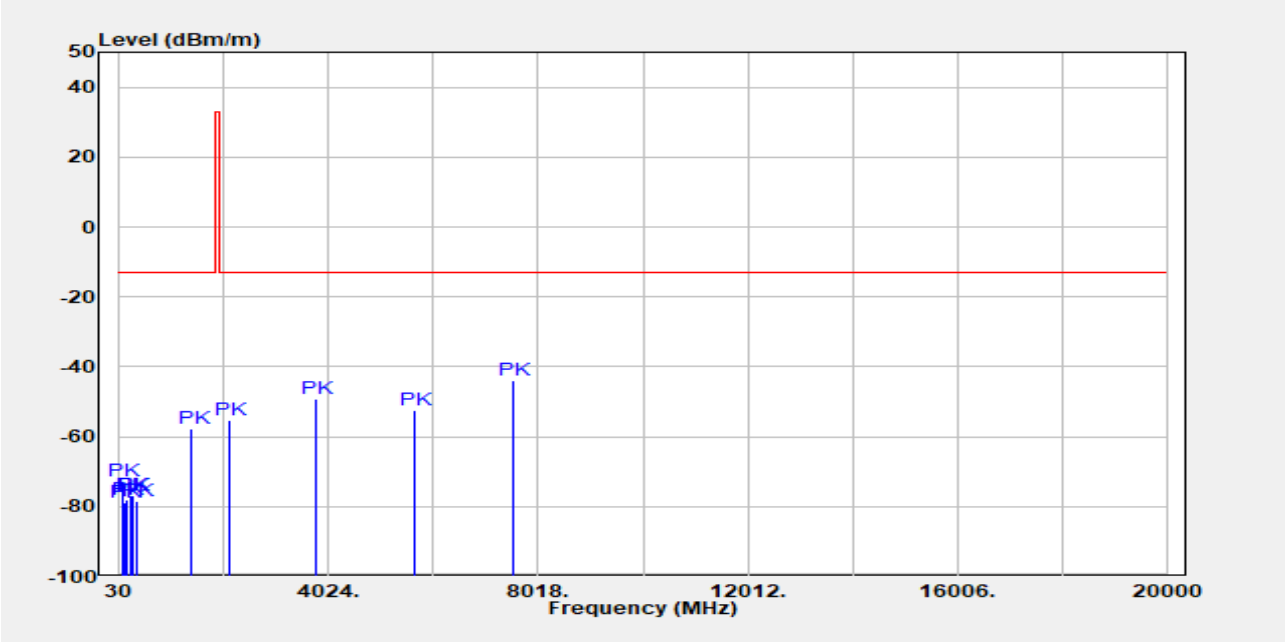
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 12A_25A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:707.5_1882.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
80.440	-72.82	-68.24	-2.94	-1.64	-13.00	-59.82
132.820	-79.05	-75.28	-1.65	-2.11	-13.00	-66.05
176.470	-78.17	-76.45	0.71	-2.43	-13.00	-65.17
228.850	-76.83	-78.85	4.78	-2.76	-13.00	-63.83
281.230	-76.83	-77.48	3.71	-3.07	-13.00	-63.83
355.920	-78.53	-79.36	4.27	-3.44	-13.00	-65.53
1415.000	-57.92	-58.77	7.75	-6.90	-13.00	-44.92
2122.500	-55.35	-56.44	9.60	-8.51	-13.00	-42.35
3765.000	-49.12	-50.17	12.50	-11.45	-13.00	-36.12
5647.500	-52.41	-51.73	13.50	-14.18	-13.00	-39.41
7530.000	-43.74	-38.40	11.12	-16.46	-13.00	-30.74

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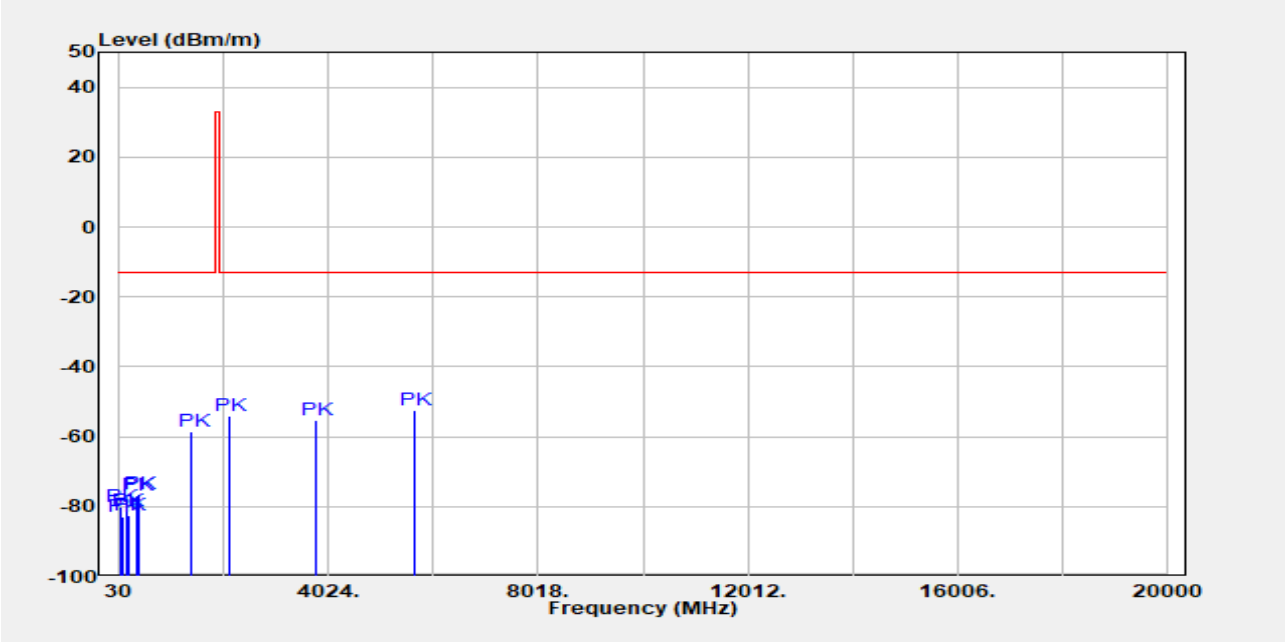
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 12A_25A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:707.5_1882.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
60.070	-80.19	-68.85	-9.92	-1.42	-13.00	-67.19
95.960	-82.87	-80.21	-0.87	-1.79	-13.00	-69.87
161.920	-81.39	-78.22	-0.84	-2.33	-13.00	-68.39
206.540	-82.52	-84.00	4.11	-2.63	-13.00	-69.52
371.440	-76.97	-77.57	4.12	-3.52	-13.00	-63.97
406.360	-76.34	-76.62	3.96	-3.68	-13.00	-63.34
1415.000	-58.53	-59.39	7.75	-6.90	-13.00	-45.53
2122.500	-54.07	-55.16	9.60	-8.51	-13.00	-41.07
3765.000	-55.41	-56.46	12.50	-11.45	-13.00	-42.41
5647.500	-52.58	-51.89	13.50	-14.18	-13.00	-39.58

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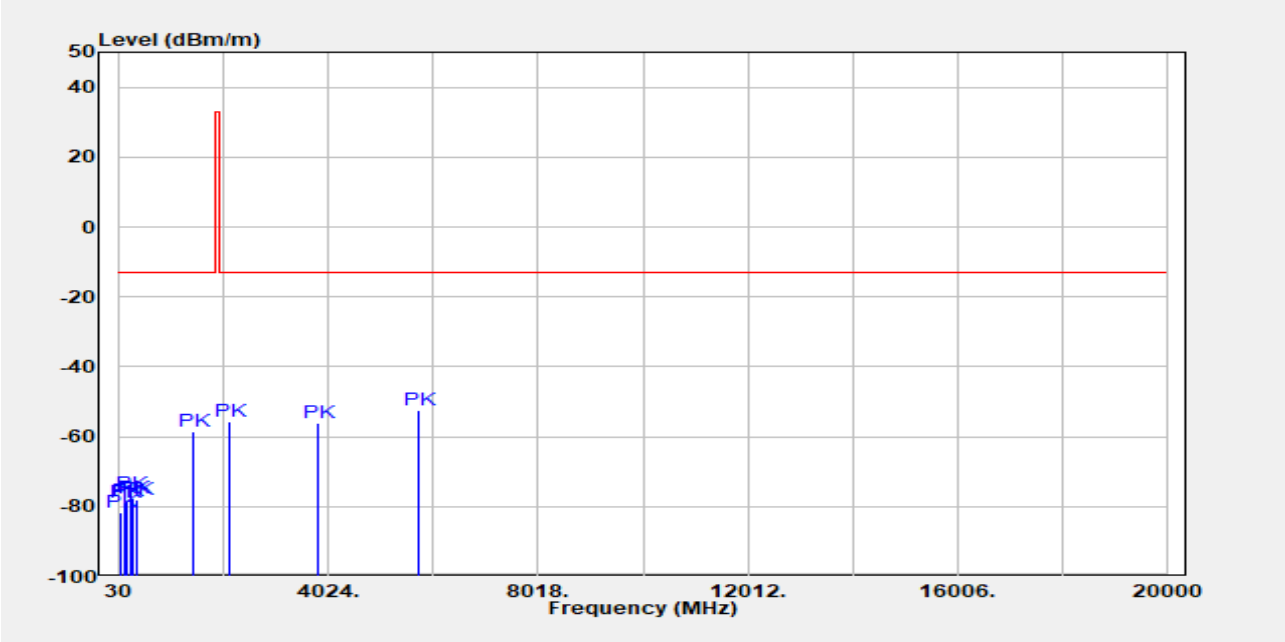
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 12A_25A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:711_1912.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
48.430	-81.78	-68.23	-12.27	-1.28	-13.00	-68.78
135.730	-78.82	-74.92	-1.77	-2.13	-13.00	-65.82
181.320	-78.56	-77.58	1.48	-2.46	-13.00	-65.56
230.790	-76.49	-78.31	4.60	-2.77	-13.00	-63.49
280.260	-77.72	-78.37	3.72	-3.06	-13.00	-64.72
369.500	-78.15	-78.79	4.15	-3.51	-13.00	-65.15
1422.000	-58.65	-59.54	7.80	-6.91	-13.00	-45.65
2133.000	-55.55	-56.62	9.60	-8.53	-13.00	-42.55
3825.000	-56.03	-56.89	12.40	-11.54	-13.00	-43.03
5737.500	-52.57	-51.56	13.30	-14.30	-13.00	-39.57

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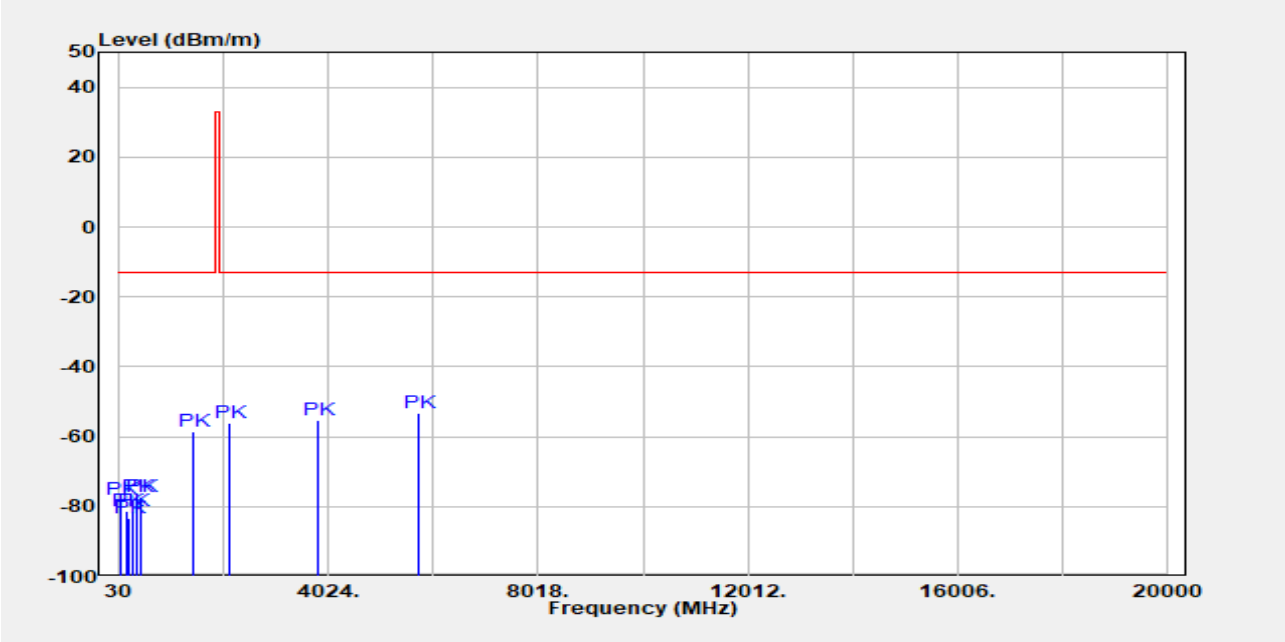
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 12A_25A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:711_1912.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
53.280	-78.03	-65.23	-11.46	-1.34	-13.00	-65.03
170.650	-81.29	-78.85	-0.04	-2.39	-13.00	-68.29
212.360	-83.18	-84.94	4.42	-2.66	-13.00	-70.18
286.080	-81.20	-81.80	3.69	-3.09	-13.00	-68.20
354.950	-77.34	-78.18	4.28	-3.43	-13.00	-64.34
439.340	-77.07	-76.91	3.66	-3.83	-13.00	-64.07
1422.000	-58.37	-59.26	7.80	-6.91	-13.00	-45.37
2133.000	-56.21	-57.28	9.60	-8.53	-13.00	-43.21
3825.000	-55.38	-56.24	12.40	-11.54	-13.00	-42.38
5737.500	-53.20	-52.19	13.30	-14.30	-13.00	-40.20

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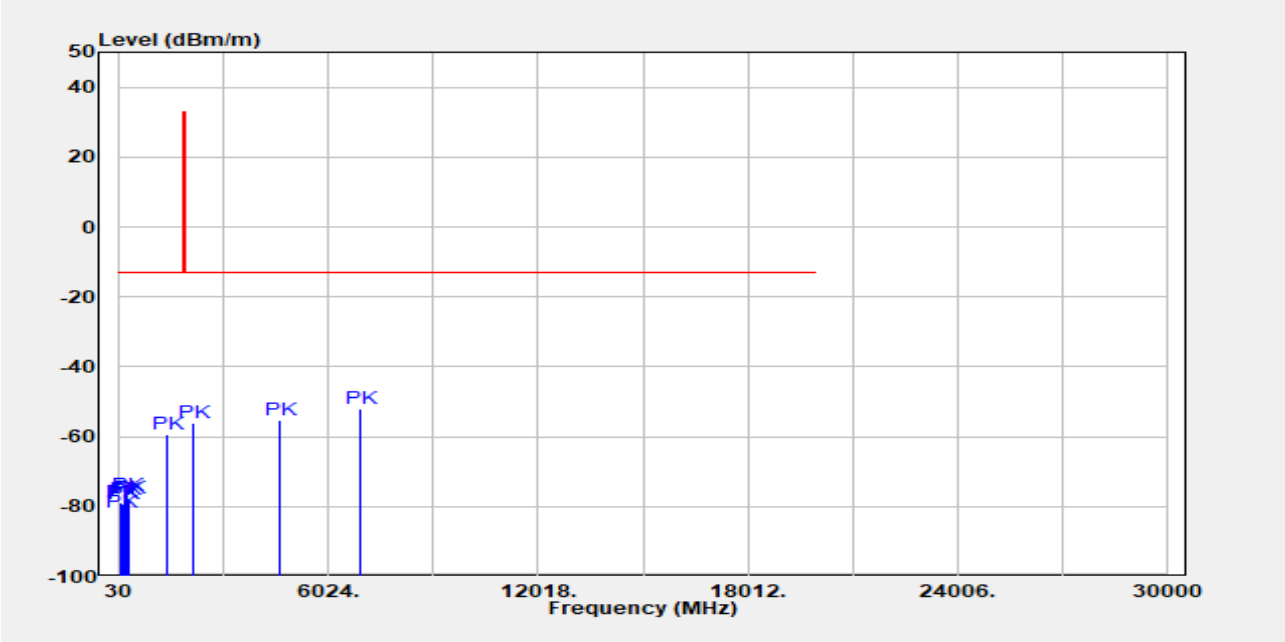
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 12A_30A	Test Date	:2025-03-19
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:704_2307.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
48.430	-81.77	-68.22	-12.27	-1.28	-13.00	-68.77
76.560	-78.95	-72.98	-4.37	-1.60	-13.00	-65.95
133.790	-79.31	-75.44	-1.75	-2.12	-13.00	-66.31
178.410	-77.95	-76.56	1.05	-2.44	-13.00	-64.95
227.880	-77.03	-79.11	4.84	-2.76	-13.00	-64.03
280.260	-77.46	-78.11	3.72	-3.06	-13.00	-64.46
1408.000	-59.35	-60.15	7.68	-6.88	-40.00	-19.35
2112.000	-56.27	-57.47	9.68	-8.49	-40.00	-16.27
4615.000	-55.42	-55.26	12.57	-12.73	-40.00	-15.42
6922.500	-52.09	-48.22	11.91	-15.77	-40.00	-12.09

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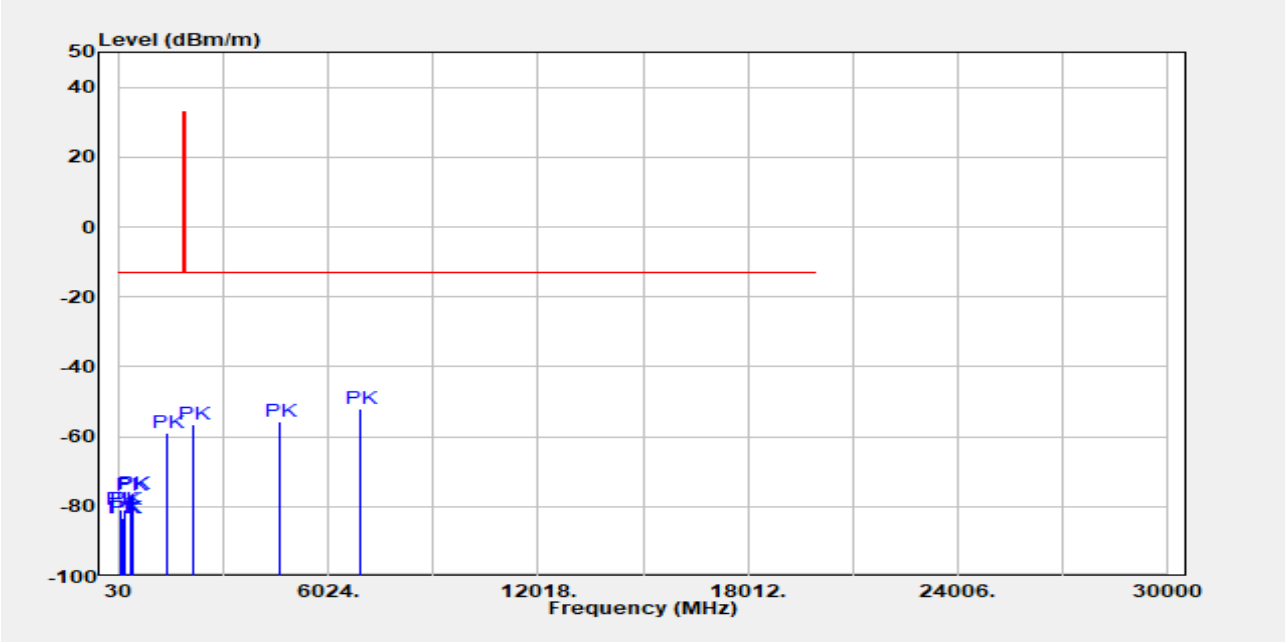
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 12A_30A	Test Date	:2025-03-19
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:704_2307.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
61.040	-80.94	-70.12	-9.40	-1.43	-13.00	-67.94
104.690	-83.47	-80.04	-1.56	-1.87	-13.00	-70.47
176.470	-81.09	-79.37	0.71	-2.43	-13.00	-68.09
205.570	-83.24	-84.67	4.05	-2.62	-13.00	-70.24
366.590	-76.84	-77.55	4.20	-3.49	-13.00	-63.84
407.330	-76.30	-76.60	3.98	-3.68	-13.00	-63.30
1408.000	-59.01	-59.81	7.68	-6.88	-40.00	-19.01
2112.000	-56.41	-57.60	9.68	-8.49	-40.00	-16.41
4615.000	-55.52	-55.36	12.57	-12.73	-40.00	-15.52
6922.500	-52.22	-48.36	11.91	-15.77	-40.00	-12.22

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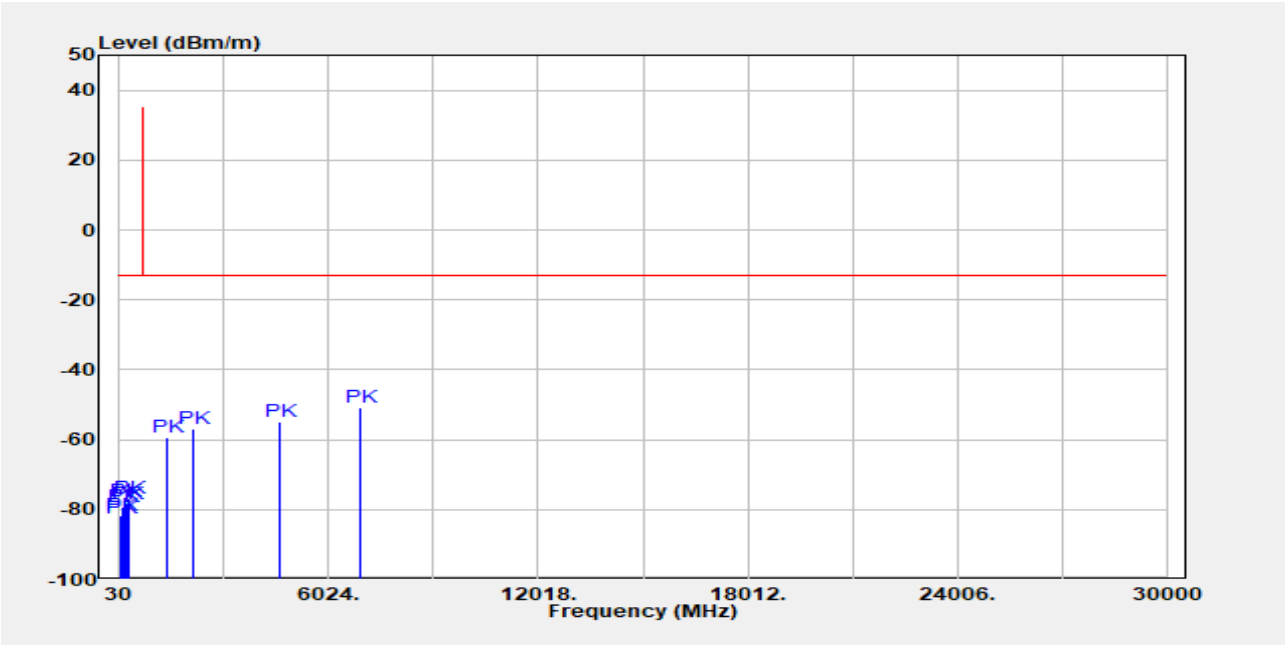
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 12A_30A	Test Date	:2025-03-19
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:707.5_2310 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
49.400	-81.74	-68.34	-12.11	-1.29	-13.00	-68.74
81.410	-82.50	-78.29	-2.56	-1.65	-13.00	-69.50
145.430	-79.44	-75.51	-1.72	-2.20	-13.00	-66.44
182.290	-77.84	-76.99	1.62	-2.47	-13.00	-64.84
237.580	-78.40	-79.42	3.83	-2.82	-13.00	-65.40
279.290	-76.65	-77.31	3.71	-3.06	-13.00	-63.65
1415.000	-59.48	-60.33	7.75	-6.90	-40.00	-19.48
2122.500	-56.78	-57.87	9.60	-8.51	-40.00	-16.78
4620.000	-55.01	-54.83	12.56	-12.74	-40.00	-15.01
6930.000	-50.86	-46.96	11.88	-15.78	-40.00	-10.86

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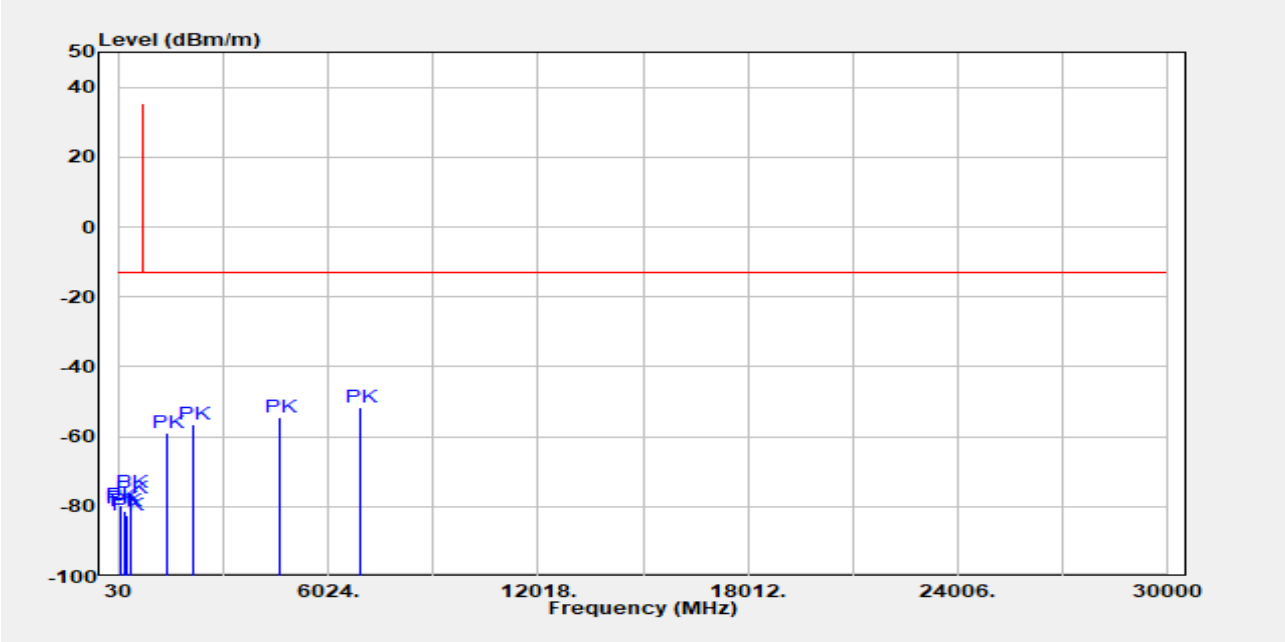
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 12A_30A	Test Date	:2025-03-19
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:707.5_2310 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
65.890	-80.46	-71.17	-7.80	-1.48	-13.00	-67.46
80.440	-79.79	-75.21	-2.94	-1.64	-13.00	-66.79
166.770	-81.41	-78.56	-0.48	-2.36	-13.00	-68.41
210.420	-82.57	-84.26	4.34	-2.65	-13.00	-69.57
354.950	-77.51	-78.36	4.28	-3.43	-13.00	-64.51
377.260	-75.98	-76.46	4.02	-3.55	-13.00	-62.98
1415.000	-58.97	-59.82	7.75	-6.90	-40.00	-18.97
2122.500	-56.46	-57.55	9.60	-8.51	-40.00	-16.46
4620.000	-54.65	-54.47	12.56	-12.74	-40.00	-14.65
6930.000	-51.60	-47.69	11.88	-15.78	-40.00	-11.60

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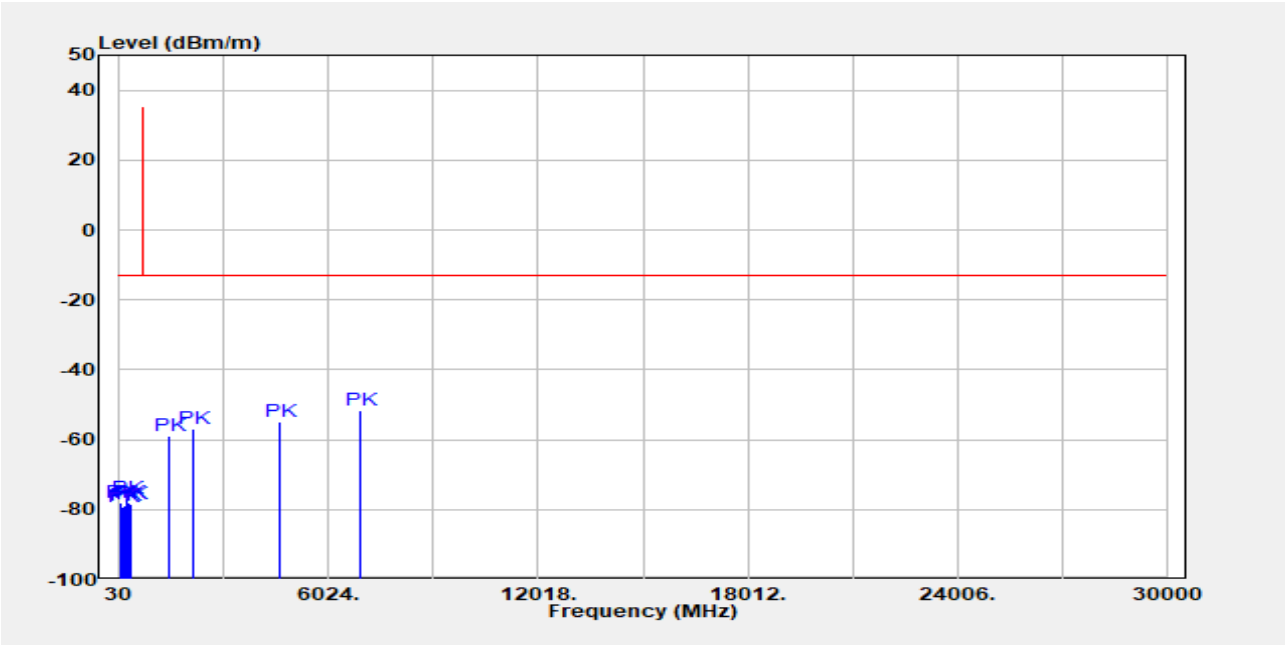
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 12A_30A	Test Date	:2025-03-19
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:711_2312.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
68.800	-77.97	-69.39	-7.07	-1.52	-13.00	-64.97
144.460	-79.07	-75.05	-1.82	-2.20	-13.00	-66.07
181.320	-78.88	-77.90	1.48	-2.46	-13.00	-65.88
227.880	-76.77	-78.85	4.84	-2.76	-13.00	-63.77
275.410	-78.06	-78.70	3.67	-3.04	-13.00	-65.06
375.320	-78.51	-79.02	4.05	-3.54	-13.00	-65.51
1422.000	-59.00	-59.89	7.80	-6.91	-40.00	-19.00
2133.000	-56.96	-58.03	9.60	-8.53	-40.00	-16.96
4625.000	-55.04	-54.84	12.55	-12.75	-40.00	-15.04
6937.500	-51.74	-47.80	11.85	-15.79	-40.00	-11.74

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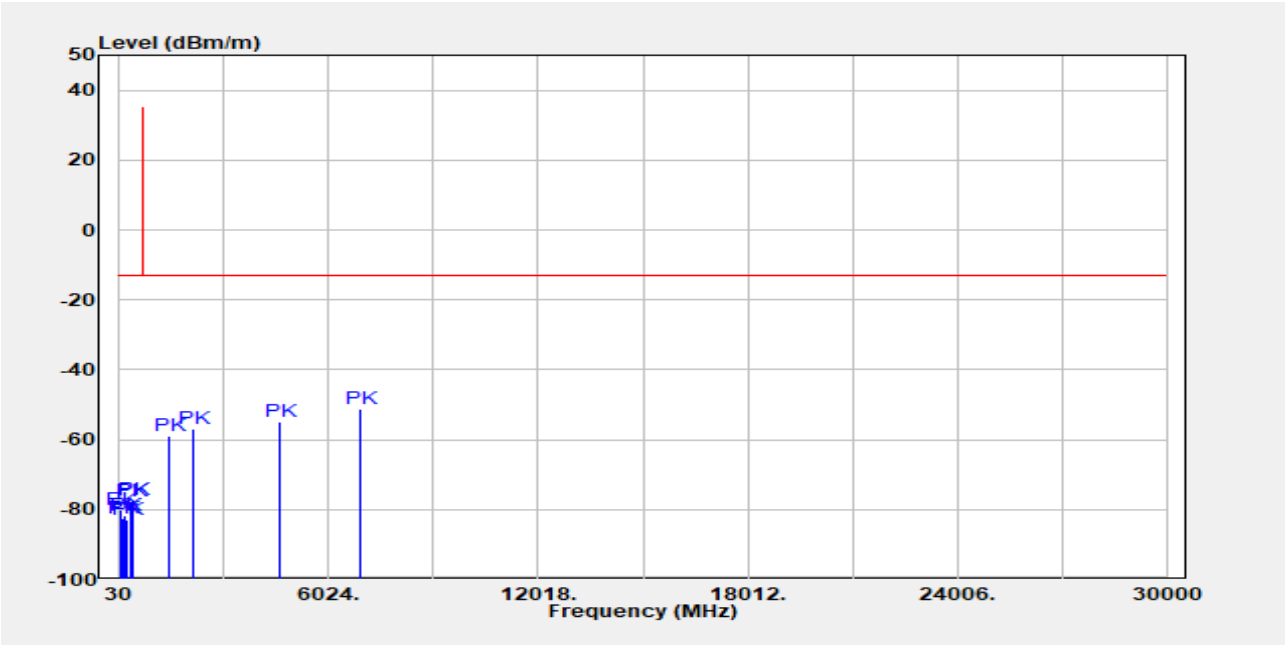
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 12A_30A	Test Date	:2025-03-19
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:711_2312.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
61.040	-80.07	-69.24	-9.40	-1.43	-13.00	-67.07
119.240	-82.37	-78.85	-1.52	-2.00	-13.00	-69.37
154.160	-81.53	-77.79	-1.48	-2.27	-13.00	-68.53
210.420	-83.03	-84.72	4.34	-2.65	-13.00	-70.03
371.440	-77.51	-78.11	4.12	-3.52	-13.00	-64.51
393.750	-77.37	-77.66	3.91	-3.62	-13.00	-64.37
1422.000	-58.82	-59.71	7.80	-6.91	-40.00	-18.82
2133.000	-56.91	-57.98	9.60	-8.53	-40.00	-16.91
4625.000	-54.91	-54.71	12.55	-12.75	-40.00	-14.91
6937.500	-51.39	-47.45	11.85	-15.79	-40.00	-11.39

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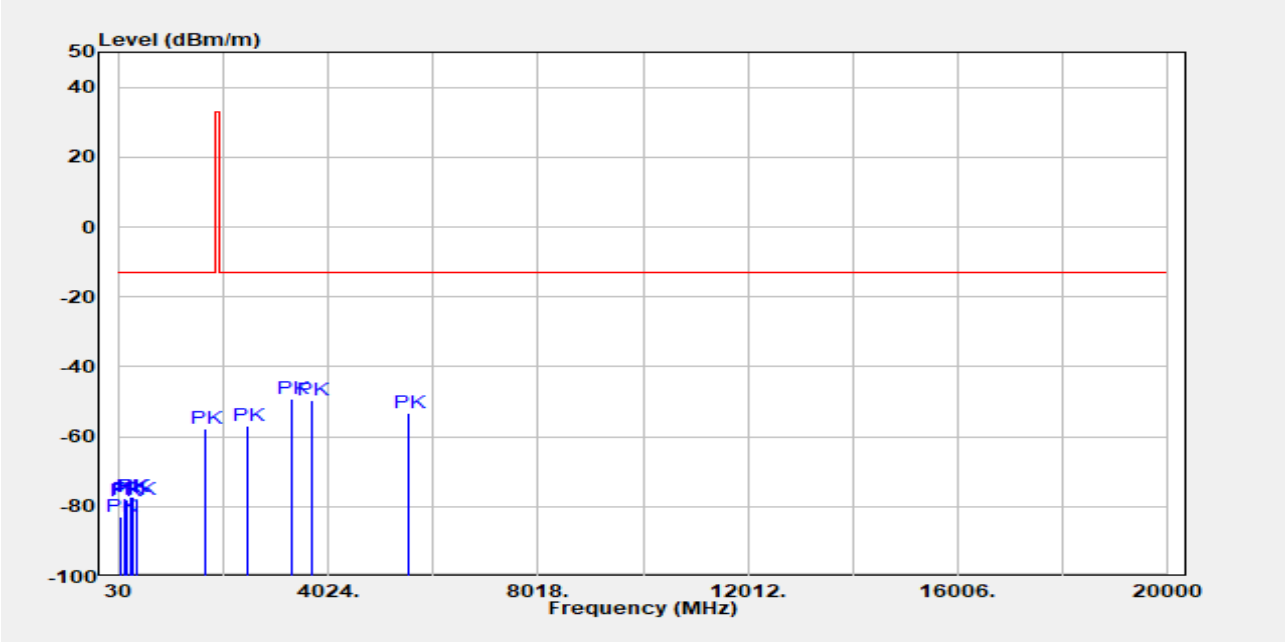
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 25A_26A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:1852.5_826.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
50.370	-83.10	-69.85	-11.95	-1.30	-13.00	-70.10
146.400	-78.64	-74.70	-1.73	-2.21	-13.00	-65.64
178.410	-78.22	-76.83	1.05	-2.44	-13.00	-65.22
230.790	-77.16	-78.98	4.60	-2.77	-13.00	-64.16
278.320	-77.35	-78.01	3.70	-3.05	-13.00	-64.35
378.230	-78.22	-78.68	4.01	-3.55	-13.00	-65.22
1653.000	-57.68	-59.81	9.60	-7.47	-13.00	-44.68
2479.500	-56.91	-58.28	10.60	-9.23	-13.00	-43.91
3306.000	-49.12	-50.73	12.32	-10.72	-13.00	-36.12
3705.000	-49.52	-50.66	12.50	-11.36	-13.00	-36.52
5557.500	-53.27	-52.43	13.23	-14.07	-13.00	-40.27

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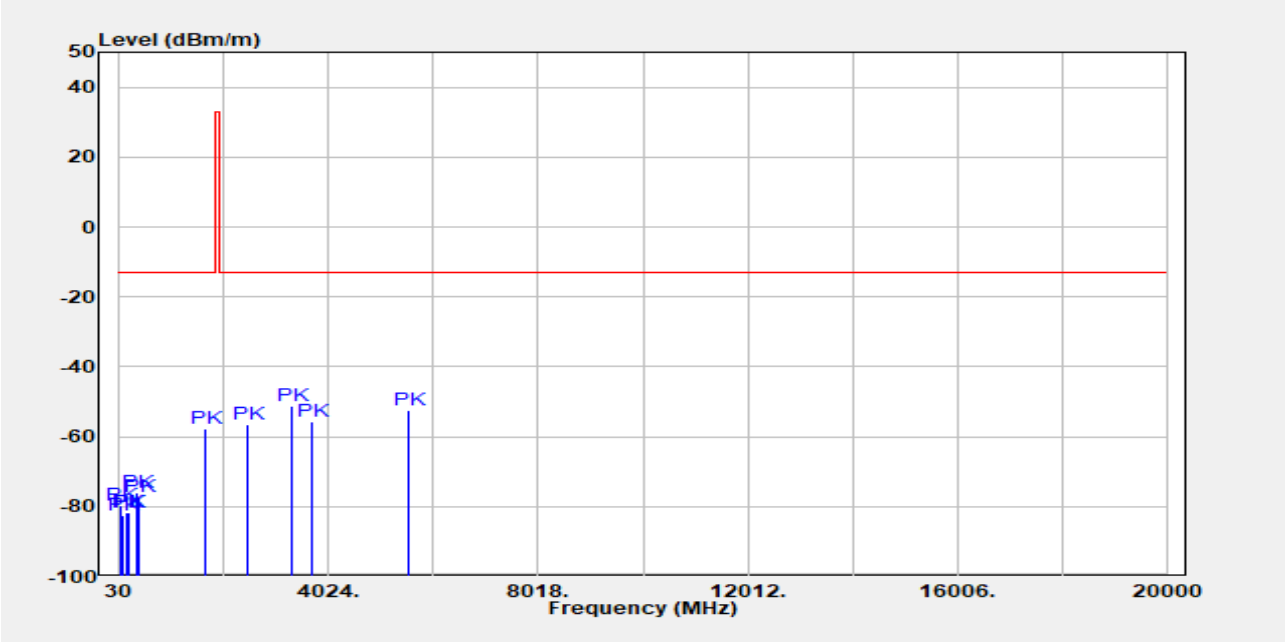
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 25A_26A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:1852.5_826.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
59.100	-79.60	-68.19	-10.00	-1.41	-13.00	-66.60
98.870	-82.51	-79.69	-1.00	-1.82	-13.00	-69.51
168.710	-81.51	-78.86	-0.27	-2.38	-13.00	-68.51
210.420	-81.81	-83.50	4.34	-2.65	-13.00	-68.81
357.860	-76.20	-76.99	4.24	-3.45	-13.00	-63.20
391.810	-77.37	-77.67	3.90	-3.61	-13.00	-64.37
1653.000	-57.85	-59.98	9.60	-7.47	-13.00	-44.85
2479.500	-56.34	-57.70	10.60	-9.23	-13.00	-43.34
3306.000	-51.33	-52.94	12.32	-10.72	-13.00	-38.33
3705.000	-55.72	-56.86	12.50	-11.36	-13.00	-42.72
5557.500	-52.54	-51.70	13.23	-14.07	-13.00	-39.54

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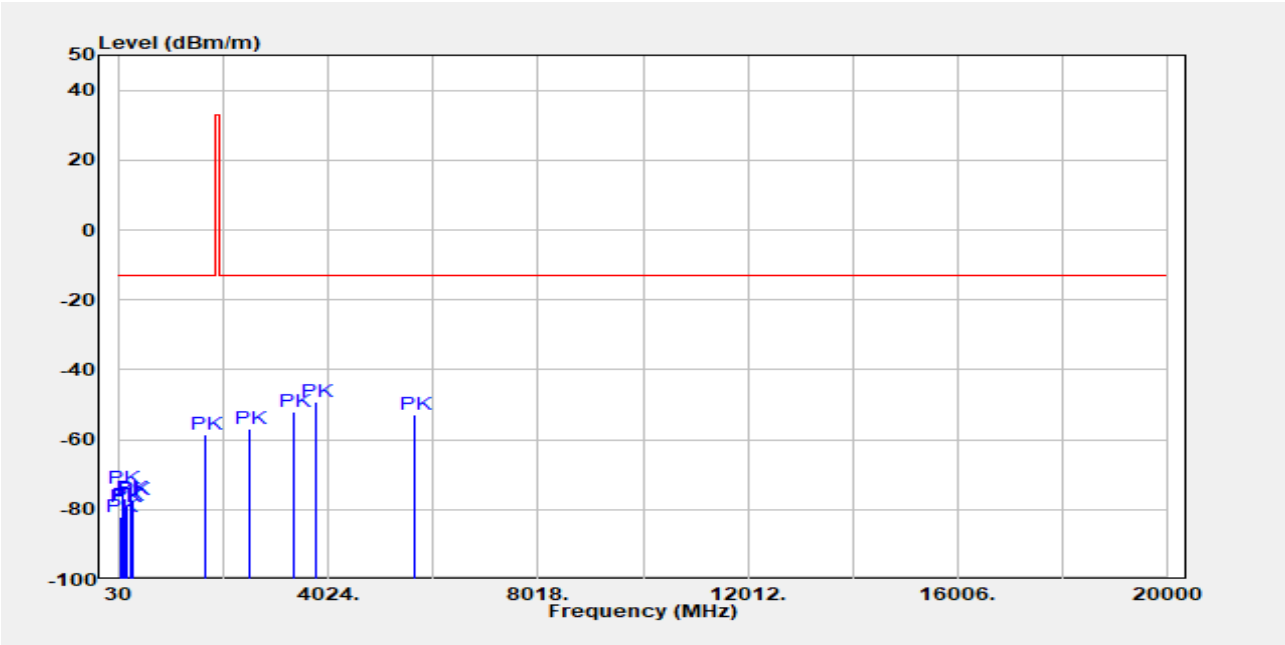
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 25A_26A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:1882.5_836.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
41.640	-82.27	-68.06	-13.02	-1.18	-13.00	-69.27
75.590	-73.87	-67.50	-4.77	-1.59	-13.00	-60.87
130.880	-79.14	-75.28	-1.77	-2.10	-13.00	-66.14
180.350	-78.86	-77.68	1.27	-2.45	-13.00	-65.86
230.790	-76.72	-78.54	4.60	-2.77	-13.00	-63.72
277.350	-77.39	-78.04	3.69	-3.05	-13.00	-64.39
1673.000	-58.37	-60.56	9.70	-7.52	-13.00	-45.37
2509.500	-56.77	-58.18	10.70	-9.29	-13.00	-43.77
3346.000	-52.17	-53.87	12.48	-10.78	-13.00	-39.17
3765.000	-49.04	-50.08	12.50	-11.45	-13.00	-36.04
5647.500	-53.01	-52.33	13.50	-14.18	-13.00	-40.01

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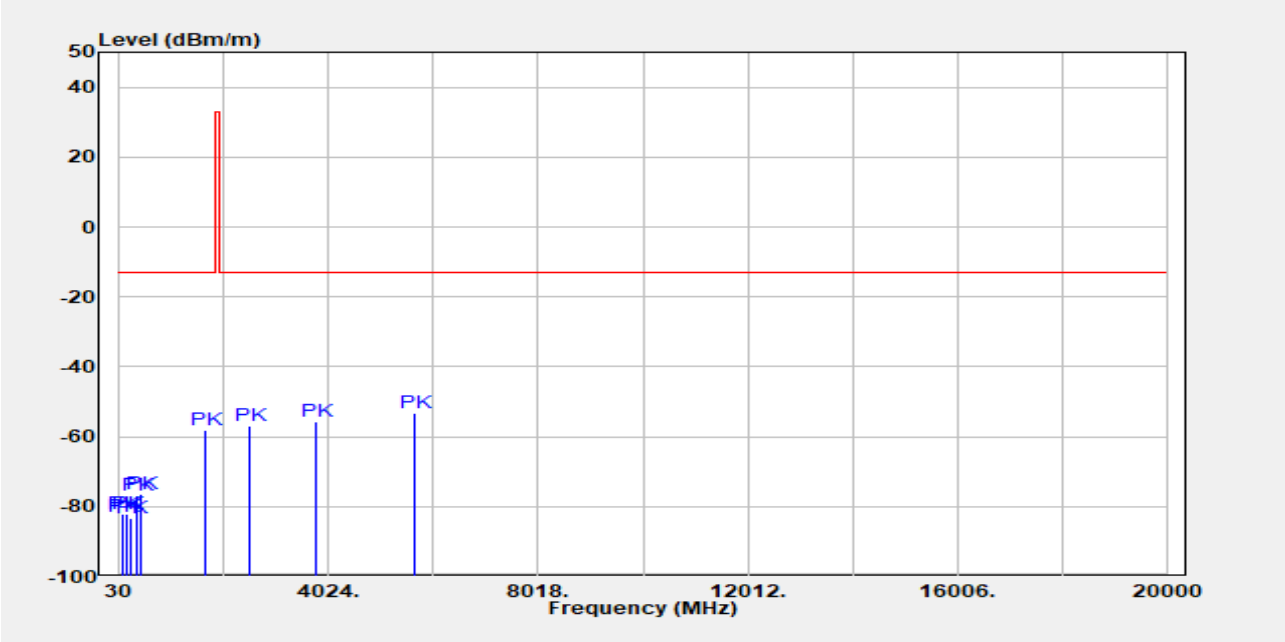
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 25A_26A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:1882.5_836.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
76.560	-82.27	-76.30	-4.37	-1.60	-13.00	-69.27
90.140	-82.78	-80.11	-0.93	-1.74	-13.00	-69.78
159.980	-81.97	-78.61	-1.04	-2.31	-13.00	-68.97
230.790	-83.31	-85.13	4.60	-2.77	-13.00	-70.31
372.410	-76.81	-77.39	4.10	-3.52	-13.00	-63.81
447.100	-76.54	-76.31	3.63	-3.86	-13.00	-63.54
1673.000	-58.14	-60.33	9.70	-7.52	-13.00	-45.14
2509.500	-56.88	-58.29	10.70	-9.29	-13.00	-43.88
3765.000	-55.56	-56.60	12.50	-11.45	-13.00	-42.56
5647.500	-53.13	-52.45	13.50	-14.18	-13.00	-40.13

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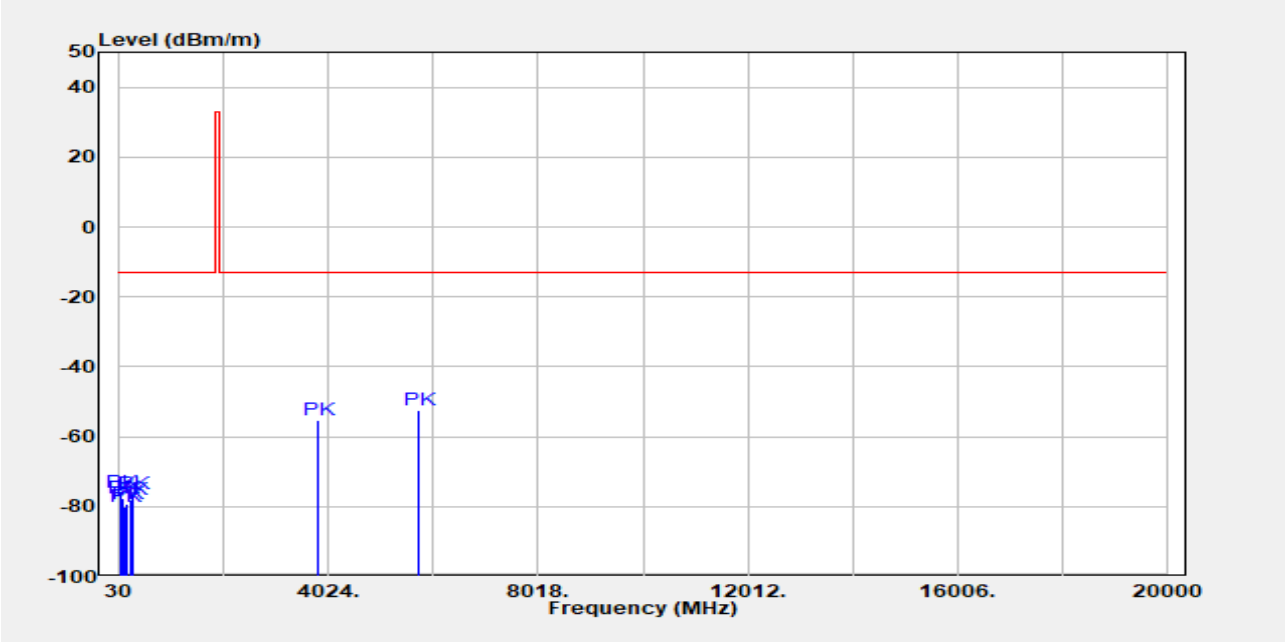
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 25A_26A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:1912.5_846.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
66.860	-76.16	-66.96	-7.70	-1.50	-13.00	-63.16
81.410	-77.61	-73.39	-2.56	-1.65	-13.00	-64.61
125.060	-79.89	-76.25	-1.59	-2.05	-13.00	-66.89
181.320	-79.24	-78.25	1.48	-2.46	-13.00	-66.24
231.760	-77.95	-79.63	4.46	-2.78	-13.00	-64.95
280.260	-76.27	-76.93	3.72	-3.06	-13.00	-63.27
3825.000	-55.37	-56.23	12.40	-11.54	-13.00	-42.37
5737.500	-52.47	-51.46	13.30	-14.30	-13.00	-39.47

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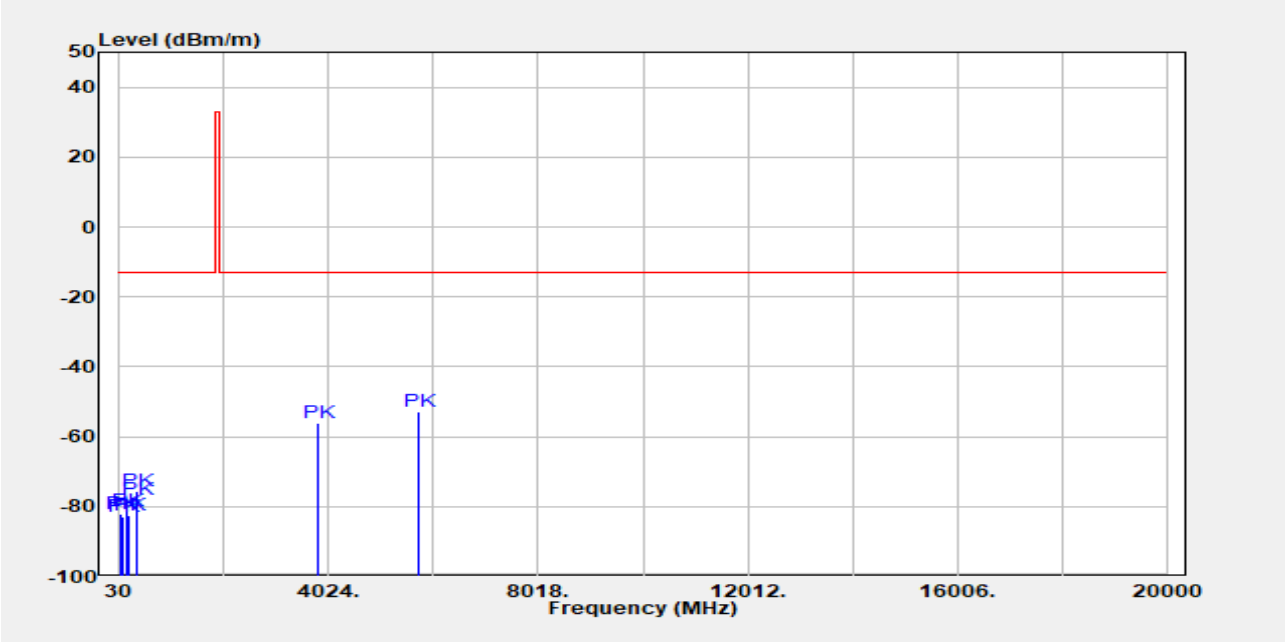
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 25A_26A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:1912.5_846.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
68.800	-82.23	-73.65	-7.07	-1.52	-13.00	-69.23
85.290	-82.85	-79.62	-1.54	-1.69	-13.00	-69.85
167.740	-81.18	-78.45	-0.35	-2.37	-13.00	-68.18
207.510	-82.44	-83.98	4.17	-2.64	-13.00	-69.44
356.890	-78.10	-78.91	4.25	-3.44	-13.00	-65.10
376.290	-75.47	-75.97	4.04	-3.54	-13.00	-62.47
3825.000	-56.29	-57.15	12.40	-11.54	-13.00	-43.29
5737.500	-52.66	-51.66	13.30	-14.30	-13.00	-39.66

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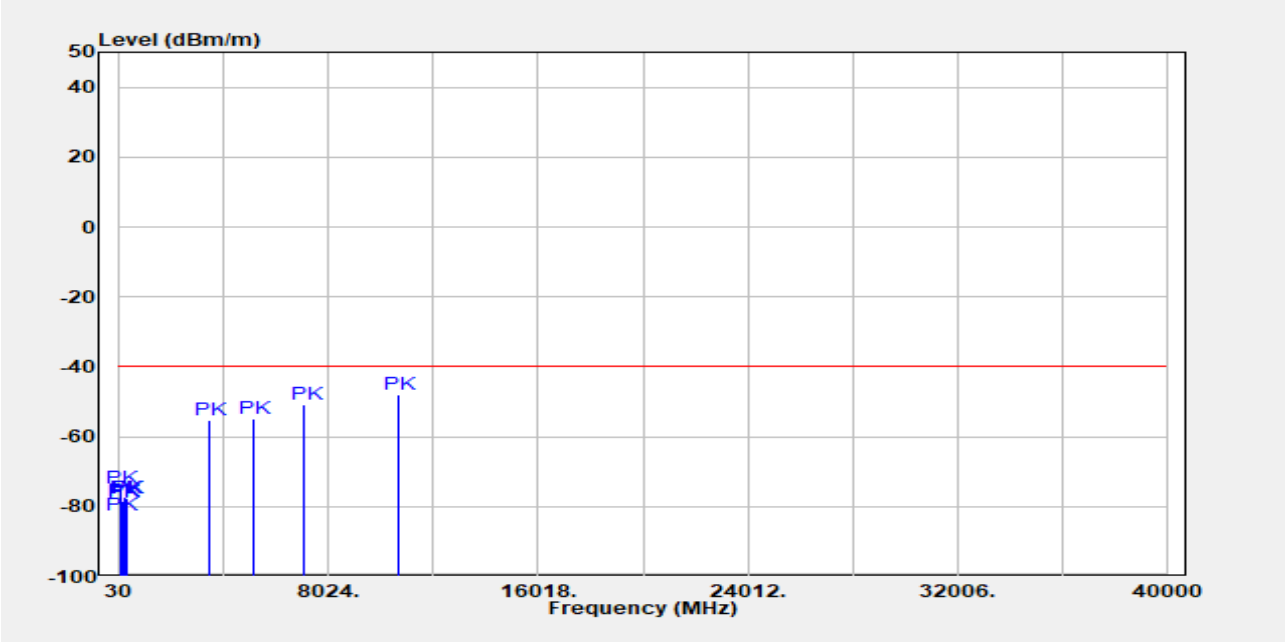
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 48A_66A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:3552.5_1712.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
54.250	-82.49	-69.95	-11.18	-1.35	-40.00	-42.49
78.500	-74.71	-69.51	-3.58	-1.62	-40.00	-34.71
135.730	-78.58	-74.69	-1.77	-2.13	-40.00	-38.58
182.290	-78.86	-78.02	1.62	-2.47	-40.00	-38.86
229.820	-77.52	-79.47	4.72	-2.77	-40.00	-37.52
278.320	-77.82	-78.47	3.70	-3.05	-40.00	-37.82
3425.000	-55.39	-57.03	12.55	-10.91	-40.00	-15.39
5137.500	-55.08	-53.98	12.40	-13.49	-40.00	-15.08
7105.000	-50.78	-45.88	11.10	-16.00	-40.00	-10.78
10657.500	-48.04	-39.66	11.32	-19.69	-40.00	-8.04

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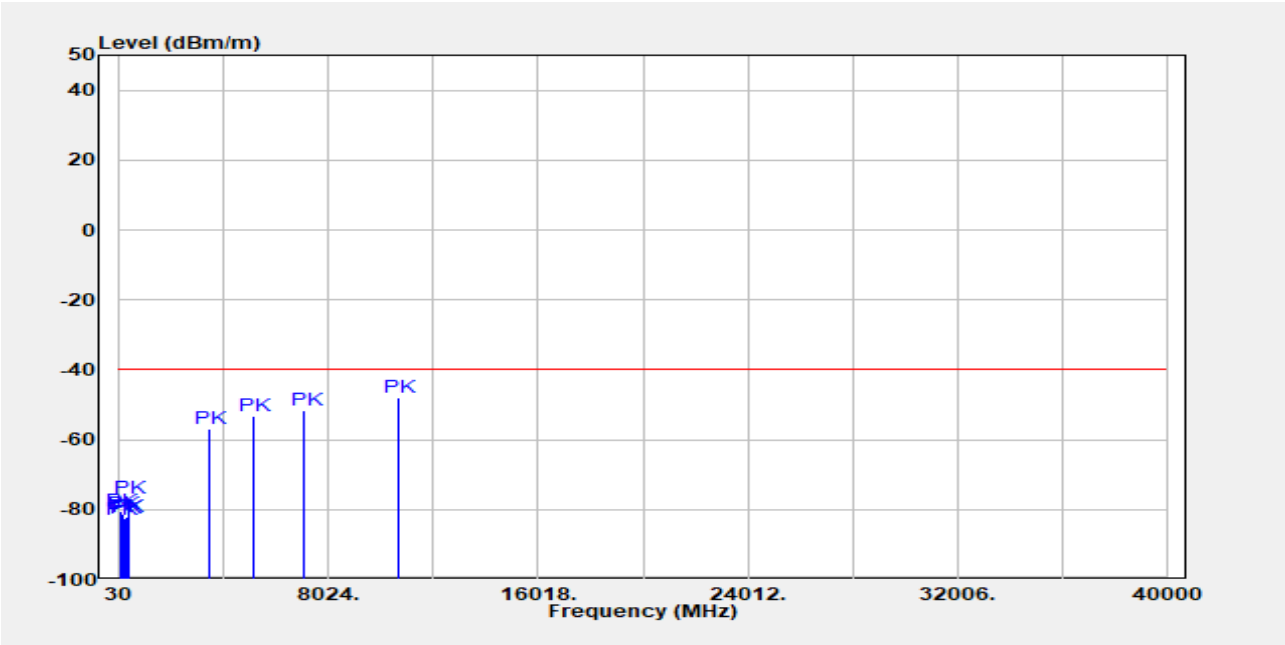
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 48A_66A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:3552.5_1712.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
60.070	-80.62	-69.27	-9.92	-1.42	-40.00	-40.62
101.780	-82.88	-79.79	-1.25	-1.85	-40.00	-42.88
158.040	-81.36	-77.91	-1.15	-2.30	-40.00	-41.36
210.420	-82.72	-84.40	4.34	-2.65	-40.00	-42.72
293.840	-82.20	-82.84	3.77	-3.13	-40.00	-42.20
376.290	-76.84	-77.34	4.04	-3.54	-40.00	-36.84
3425.000	-56.86	-58.50	12.55	-10.91	-40.00	-16.86
5137.500	-53.37	-52.28	12.40	-13.49	-40.00	-13.37
7105.000	-51.59	-46.69	11.10	-16.00	-40.00	-11.59
10657.500	-47.87	-39.49	11.32	-19.69	-40.00	-7.87

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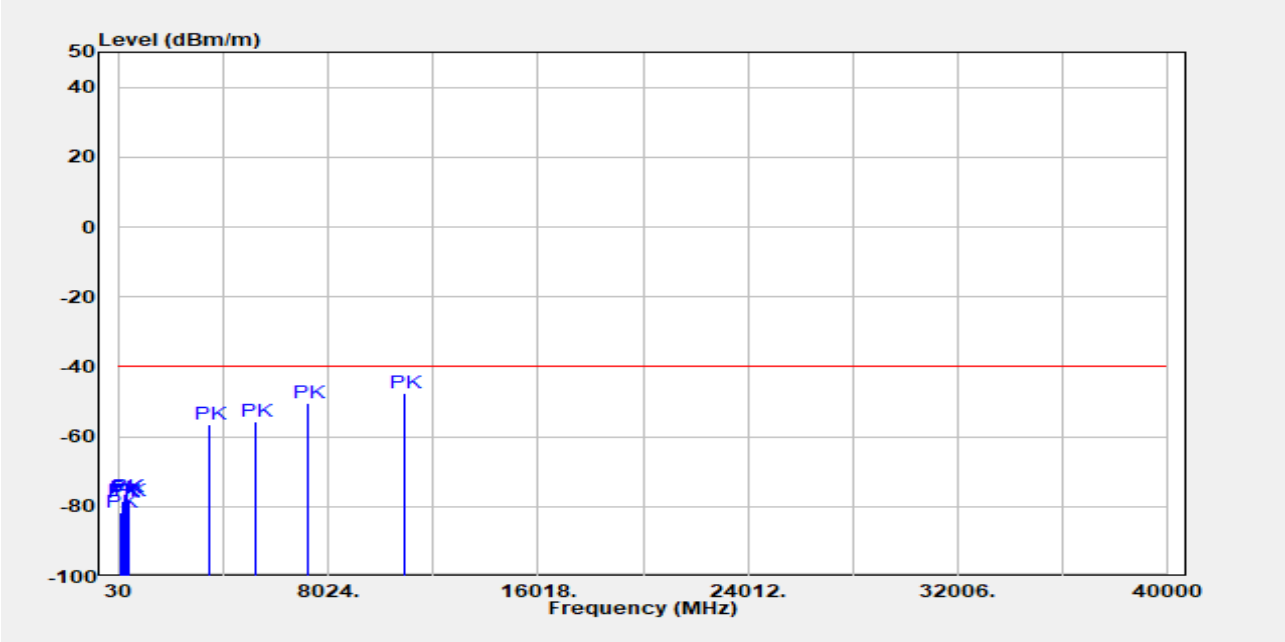
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 48A_66A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:3625_1745 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
70.740	-81.75	-73.76	-6.45	-1.54	-40.00	-41.75
125.060	-79.03	-75.39	-1.59	-2.05	-40.00	-39.03
181.320	-78.41	-77.43	1.48	-2.46	-40.00	-38.41
228.850	-77.65	-79.66	4.78	-2.76	-40.00	-37.65
281.230	-77.26	-77.91	3.71	-3.07	-40.00	-37.26
358.830	-78.59	-79.36	4.23	-3.45	-40.00	-38.59
3490.000	-56.65	-58.16	12.52	-11.01	-40.00	-16.65
5235.000	-55.51	-54.79	12.91	-13.63	-40.00	-15.51
7250.000	-50.55	-45.30	10.90	-16.15	-40.00	-10.55
10875.000	-47.71	-38.92	11.15	-19.94	-40.00	-7.71

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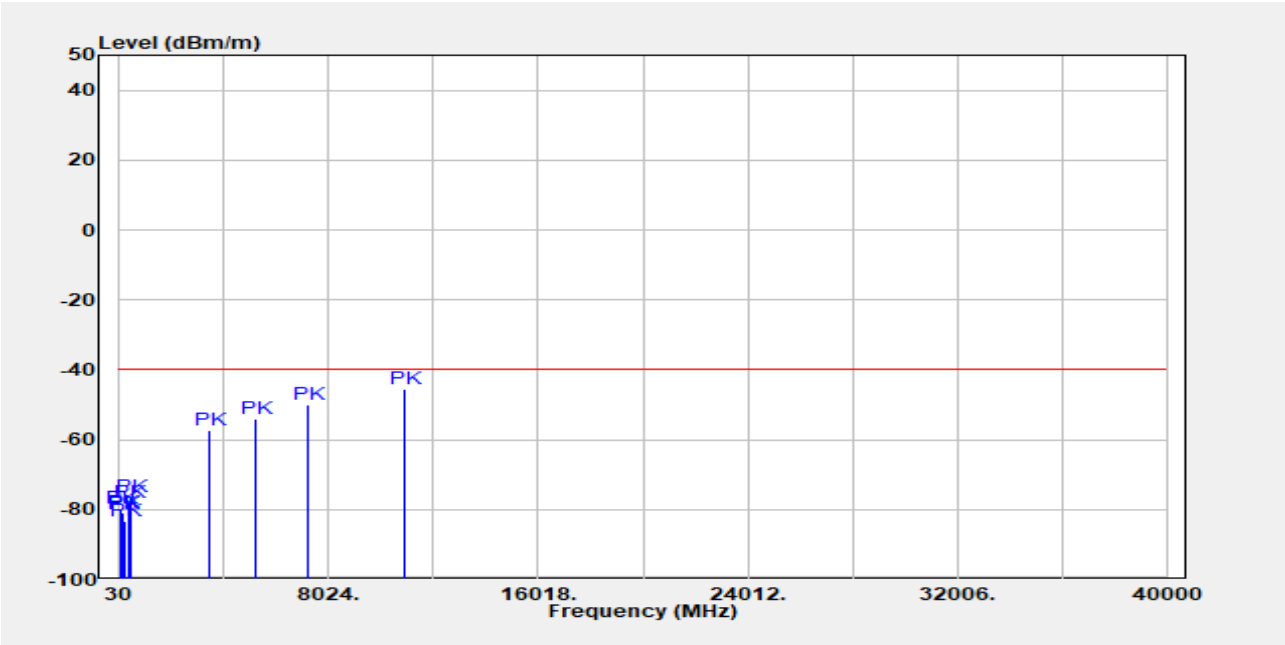
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 48A_66A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:3625_1745 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
88.200	-79.66	-76.83	-1.11	-1.72	-40.00	-39.66
151.250	-81.03	-77.15	-1.63	-2.25	-40.00	-41.03
179.380	-81.38	-80.10	1.16	-2.45	-40.00	-41.38
225.940	-83.15	-85.36	4.96	-2.75	-40.00	-43.15
345.250	-77.99	-78.65	4.05	-3.39	-40.00	-37.99
428.670	-76.58	-76.71	3.90	-3.77	-40.00	-36.58
3490.000	-57.29	-58.80	12.52	-11.01	-40.00	-17.29
5235.000	-54.00	-53.29	12.91	-13.63	-40.00	-14.00
7250.000	-50.09	-44.84	10.90	-16.15	-40.00	-10.09
10875.000	-45.45	-36.67	11.15	-19.94	-40.00	-5.45

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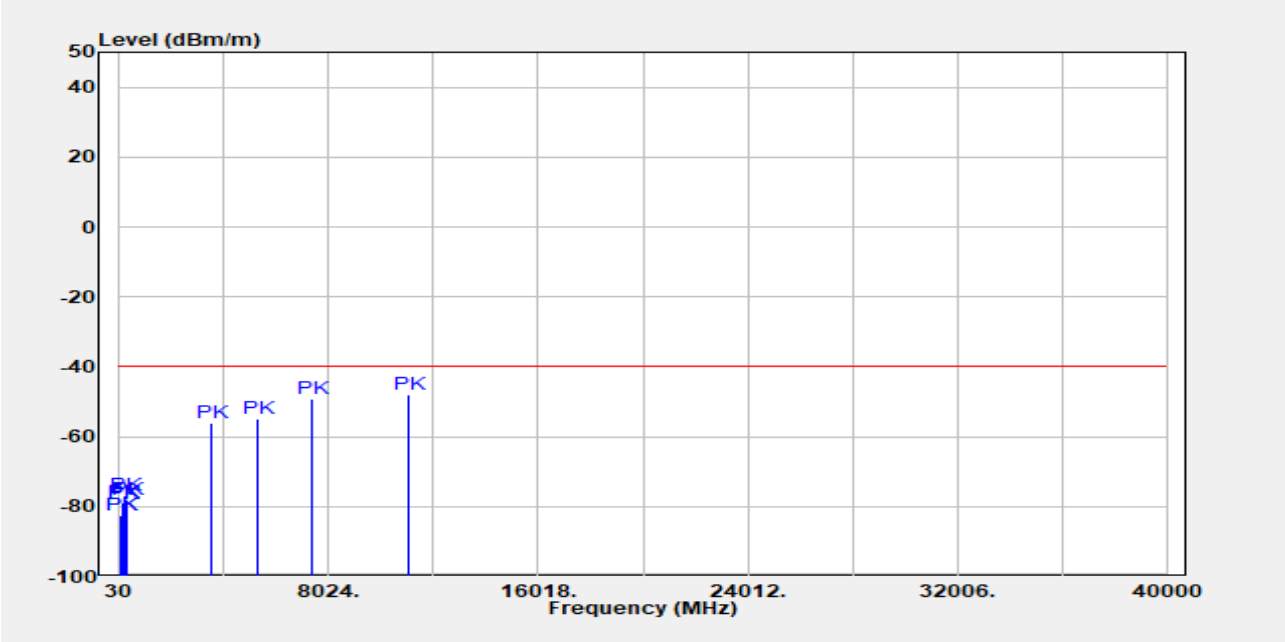
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 48A_66A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Vertical
Test Frequency	:3697.5_1777.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
49.400	-82.40	-69.00	-12.11	-1.29	-40.00	-42.40
73.650	-82.43	-75.54	-5.32	-1.57	-40.00	-42.43
140.580	-79.27	-75.34	-1.77	-2.16	-40.00	-39.27
178.410	-78.94	-77.55	1.05	-2.44	-40.00	-38.94
229.820	-76.92	-78.88	4.72	-2.77	-40.00	-36.92
280.260	-78.04	-78.70	3.72	-3.06	-40.00	-38.04
3555.000	-55.91	-57.00	12.21	-11.12	-40.00	-15.91
5332.500	-54.98	-54.52	13.30	-13.76	-40.00	-14.98
7395.000	-49.39	-44.14	11.08	-16.33	-40.00	-9.39
11092.500	-47.81	-39.13	11.46	-20.14	-40.00	-7.81

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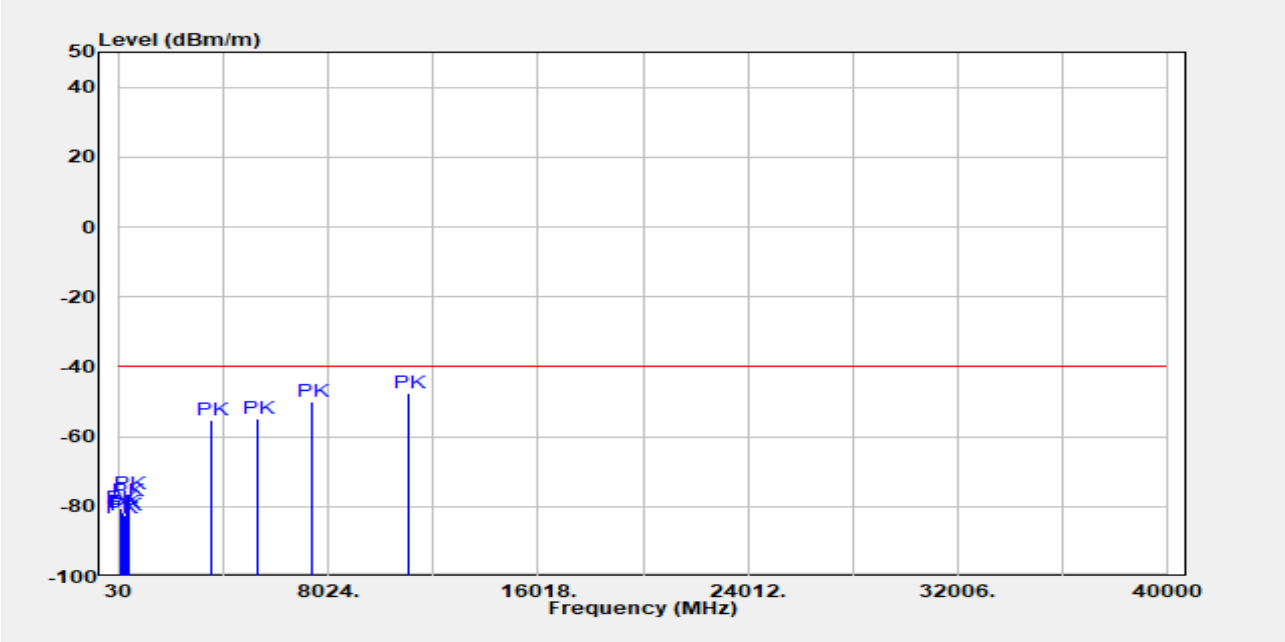
Report Number	:TERF2501000194ER	Test Site	:SAC 3
Operation Mode	:ULCA 48A_66A	Test Date	:2025-03-18
Test Mode	:Tx	Temp./Humi.	:19.3℃/46%
EUT Pol	:H Plane	Antenna Pol.	:Horizontal
Test Frequency	:3697.5_1777.5 MHz	Engineer	:Nick Lin



Freq. MHz	EIRP/ERP dBm	SG Output Level dBm	Antenna Gain dBi/dBd	Cable Loss dB	Limit @3m dBm	Margin dB
61.040	-80.62	-69.80	-9.40	-1.43	-40.00	-40.62
98.870	-83.49	-80.68	-1.00	-1.82	-40.00	-43.49
162.890	-81.76	-78.64	-0.79	-2.33	-40.00	-41.76
207.510	-82.32	-83.85	4.17	-2.64	-40.00	-42.32
329.730	-78.43	-78.97	3.85	-3.32	-40.00	-38.43
371.440	-76.57	-77.17	4.12	-3.52	-40.00	-36.57
3555.000	-55.48	-56.58	12.21	-11.12	-40.00	-15.48
5332.500	-54.96	-54.50	13.30	-13.76	-40.00	-14.96
7395.000	-49.92	-44.66	11.08	-16.33	-40.00	-9.92
11092.500	-47.45	-38.77	11.46	-20.14	-40.00	-7.45

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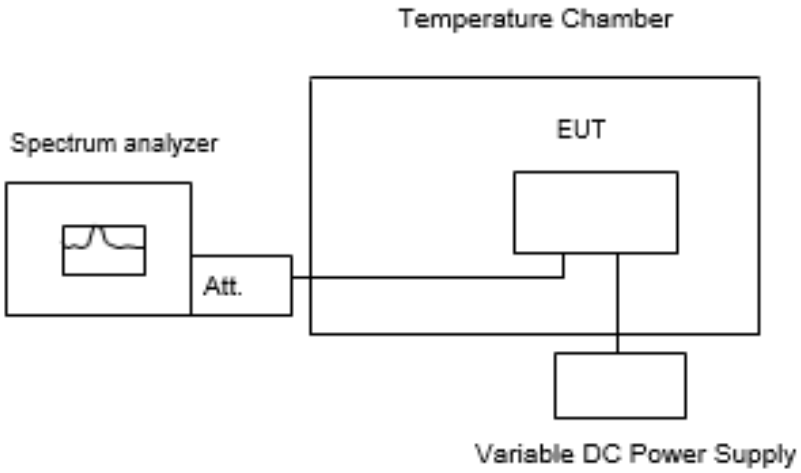
11 FREQUENCY STABILITY MEASUREMENT

11.1 Standard Applicable

The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block.

11.2 Test Set-up



Note: *Measurement setup for testing on Antenna connector*

11.3 Measurement Procedure

The equipment under test was connected to an external AC or DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 20°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to –30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.

Set chamber temperature to 20℃. Use a variable AC power supply / DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency.
Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint as declared by the manufacturer, record the maximum frequency change.

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11.4 Measurement Result

Note: *The module's voltage is 3.3Vdc.*

Reference Freq.:	LTE CA B2: Mid Channel (MHz)		1880
	Channel Bandwidth:		20MHz+20MHz
Power Supply Vdc	Temp. (℃)	Frequency (MHz)	Frequency Error (ppm)
Freq. ERROR vs. VOLTAGE			
4.4	20	1879.999992	-0.0048
3.3	20	1880.000009	0.0049
3.135	20	1879.999992	-0.0043
2.9 (End Point)	20	1880.000006	0.0034
Freq. ERROR vs. Temp.			
3.3	-30	1879.999995	-4.9800
3.3	-20	1879.999995	-5.1800
3.3	-10	1880.000006	6.2600
3.3	0	1879.999989	-11.2500
3.3	10	1880.000010	9.6400
3.3	20	1879.999996	-4.4300
3.3	30	1880.000004	4.3900
3.3	40	1880.000012	12.2700
3.3	50	1879.999995	-5.4000

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Reference Freq.:	LTE CA B7: Mid Channel (MHz)		2535
	Channel Bandwidth:		20MHz+20MHz
Power Supply Vdc	Temp. (℃)	Frequency (MHz)	Frequency Error (ppm)
Freq. ERROR vs. VOLTAGE			
4.4	20	2535.000008	0.0031
3.3	20	2534.999988	-0.0046
3.135	20	2535.000004	0.0014
2.9 (End Point)	20	2534.999992	-0.0032
Freq. ERROR vs. Temp.			
3.3	-30	2534.999996	-4.3700
3.3	-20	2535.000007	7.0700
3.3	-10	2534.999998	-2.0300
3.3	0	2535.000010	10.2000
3.3	10	2534.999997	-3.4200
3.3	20	2535.000006	6.0900
3.3	30	2535.000011	10.5800
3.3	40	2534.999998	-2.0600
3.3	50	2535.000004	4.1500

Reference Freq.:	LTE CA B38: Mid Channel (MHz)		2595
	Channel Bandwidth:		20MHz+20MHz
Power Supply Vdc	Temp. (℃)	Frequency (MHz)	Frequency Error (ppm)
Freq. ERROR vs. VOLTAGE			
4.4	20	2594.999993	-0.0026
3.3	20	2595.000007	0.0028
3.135	20	2594.999998	-0.0009
2.9 (End Point)	20	2595.000007	0.0025
Freq. ERROR vs. Temp.			
3.3	-30	2595.000010	9.6500
3.3	-20	2594.999995	-5.1200
3.3	-10	2595.000009	9.4600
3.3	0	2594.999993	-6.6200
3.3	10	2594.999996	-4.3200
3.3	20	2594.999990	-10.1600
3.3	30	2595.000005	5.1100
3.3	40	2594.999993	-6.6700
3.3	50	2595.000005	4.6100

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Reference Freq.:	LTE CA B41: Mid Channel (MHz)		2593
	Channel Bandwidth:		20MHz+20MHz
Power Supply Vdc	Temp. (℃)	Frequency (MHz)	Frequency Error (ppm)
Freq. ERROR vs. VOLTAGE			
4.4	20	2593.000004	0.0016
3.3	20	2592.999994	-0.0024
3.135	20	2592.999988	-0.0048
2.9 (End Point)	20	2592.999992	-0.0032
Freq. ERROR vs. Temp.			
3.3	-30	2592.999992	-7.5200
3.3	-20	2592.999989	-10.9900
3.3	-10	2593.000004	4.3600
3.3	0	2592.999988	-12.2600
3.3	10	2593.000012	12.2700
3.3	20	2593.000002	2.2900
3.3	30	2592.999995	-5.4200
3.3	40	2593.000010	10.4100
3.3	50	2592.999995	-5.4900

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Reference Freq.:	LTE CA B66: Mid Channel (MHz)		1745
	Channel Bandwidth:		20MHz+20MHz
Power Supply Vdc	Temp. (℃)	Frequency (MHz)	Frequency Error (ppm)
Freq. ERROR vs. VOLTAGE			
4.4	20	1745.000009	0.0053
3.3	20	1745.000008	0.0046
3.135	20	1744.999989	-0.0065
2.9 (End Point)	20	1744.999993	-0.0039
Freq. ERROR vs. Temp.			
3.3	-30	1744.999994	-6.0100
3.3	-20	1745.000003	2.7600
3.3	-10	1745.000011	11.1200
3.3	0	1745.000002	2.0600
3.3	10	1744.999995	-4.5700
3.3	20	1744.999988	-12.0300
3.3	30	1744.999995	-4.6400
3.3	40	1745.000007	7.1000
3.3	50	1744.999991	-9.4300

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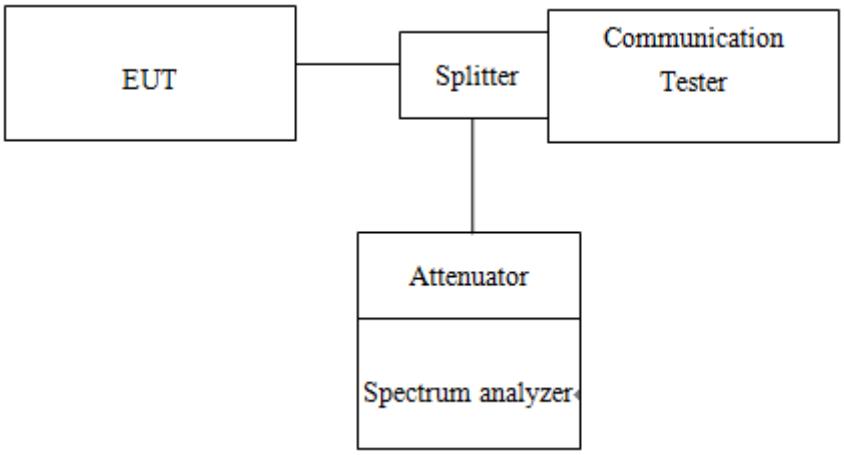
12 PEAK TO AVERAGE RATIO

12.1 Standard Applicable

The peak-to-average ratio (PAR) of the transmission may not exceed 13dB.

12.2 Test SET-UP



12.3 Measurement Procedure

1. KDB 971168 D01 is employed as the following procedure is proper adjusted accordingly:
2. Set resolution/measurement bandwidth ≥ signal's occupied bandwidth; & internal =1ms
3. Set the number of counts to a value that stabilizes the measured CCDF curve.

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12.4 Measurement Result

LTE BAND 2C

Band	Bandwidth	RB Allocation/RB Offset	Freqency (MHz)	PAPR (dB)	
				256QAM	Limit
LTE BAND 2C	5MHz + 20MHz	25/0 + 100/0	1880.0	7.64	**13**
LTE BAND 2C	20MHz + 5MHz	100/0 + 25/0	1880.0	7.340	**13**
LTE BAND 2C	10MHz + 15MHz	50/0 + 75/0	1880.0	7.880	**13**
LTE BAND 2C	15MHz + 10MHz	75/0 + 50/0	1880.0	7.590	**13**
LTE BAND 2C	10MHz + 20MHz	50/0 + 100/0	1880.0	7.420	**13**
LTE BAND 2C	20MHz + 10MHz	100/0 + 50/0	1880.0	7.540	**13**
LTE BAND 2C	15MHz + 15MHz	75/0 + 75/0	1880.0	8.390	**13**
LTE BAND 2C	15MHz + 20MHz	75/0 + 100/0	1880.0	7.580	**13**
LTE BAND 2C	20MHz + 15MHz	100/0 + 75/0	1880.0	7.640	**13**
LTE BAND 2C	20MHz + 20MHz	100/0 + 100/0	1880.0	7.870	**13**

LTE BAND 7C

Band	Bandwidth	RB Allocation/RB Offset	Freqency (MHz)	PAPR (dB)	
				256QAM	Limit
LTE BAND 7C	10MHz + 20MHz	50/0 + 100/0	2535.0	7.48	**13**
LTE BAND 7C	20MHz + 10MHz	100/0 + 50/0	2535.0	7.43	**13**
LTE BAND 7C	15MHz + 15MHz	75/0 + 75/0	2535.0	8.48	**13**
LTE BAND 7C	15MHz + 20MHz	75/0 + 100/0	2535.0	7.59	**13**
LTE BAND 7C	20MHz + 15MHz	100/0 + 75/0	2535.0	7.320	**13**
LTE BAND 7C	20MHz + 20MHz	100/0 + 100/0	2535.0	7.700	**13**

LTE BAND 38C

Band	Bandwidth	RB Allocation/RB Offset	Freqency (MHz)	PAPR (dB)	
				256QAM	Limit
LTE BAND 38C	15MHz + 15MHz	75/0 + 75/0	2595.0	8.78	**13**
LTE BAND 38C	20MHz + 20MHz	100/0 + 100/0	2595.0	7.73	**13**

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LTE BAND 41C

Band	Bandwidth	RB Allocation/RB Offset	Freqency (MHz)	PAPR (dB)	
				256QAM	Limit
LTE BAND 41C	5MHz + 20MHz	25/0 + 100/0	2593.0	7.28	**13**
LTE BAND 41C	20MHz + 5MHz	100/0 + 25/0	2593.0	7.360	**13**
LTE BAND 41C	10MHz + 20MHz	50/0 + 100/0	2593.0	7.360	**13**
LTE BAND 41C	20MHz + 10MHz	100/0 + 50/0	2593.0	7.620	**13**
LTE BAND 41C	15MHz + 15MHz	75/0 + 75/0	2593.0	7.690	**13**
LTE BAND 41C	15MHz + 20MHz	75/0 + 100/0	2593.0	7.550	**13**
LTE BAND 41C	20MHz + 15MHz	100/0 + 75/0	2593.0	7.760	**13**
LTE BAND 41C	20MHz + 20MHz	100/0 + 100/0	2593.0	7.620	**13**

LTE BAND 66C

Band	Bandwidth	RB Allocation/RB Offset	Freqency (MHz)	PAPR (dB)	
				256QAM	Limit
LTE BAND 66C	5MHz + 20MHz	25/0 + 100/0	1745.0	7.15	**13**
LTE BAND 66C	20MHz + 5MHz	100/0 + 25/0	1745.0	7.610	**13**
LTE BAND 66C	10MHz + 15MHz	50/0 + 75/0	1745.0	7.430	**13**
LTE BAND 66C	15MHz + 10MHz	75/0 + 50/0	1745.0	7.650	**13**
LTE BAND 66C	10MHz + 20MHz	50/0 + 100/0	1745.0	7.540	**13**
LTE BAND 66C	20MHz + 10MHz	100/0 + 50/0	1745.0	7.350	**13**
LTE BAND 66C	15MHz + 15MHz	75/0 + 75/0	1745.0	8.150	**13**
LTE BAND 66C	15MHz + 20MHz	75/0 + 100/0	1745.0	7.740	**13**
LTE BAND 66C	20MHz + 15MHz	100/0 + 75/0	1745.0	7.810	**13**
LTE BAND 66C	20MHz + 20MHz	100/0 + 100/0	1745.0	7.540	**13**

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LTE BAND 66B

Band	Bandwidth	RB Allocation/RB Offset	Freqency (MHz)	PAPR (dB)	
				256QAM	Limit
LTE BAND 66B	5MHz + 5MHz	25/0 + 25/0	1745.0	8.53	**13**
LTE BAND 66B	5MHz + 10MHz	25/0 + 50/0	1745.0	7.340	**13**
LTE BAND 66B	10MHz + 5MHz	50/0 + 25/0	1745.0	7.550	**13**
LTE BAND 66B	5MHz + 15MHz	25/0 + 75/0	1745.0	7.230	**13**
LTE BAND 66B	15MHz + 5MHz	75/0 + 25/0	1745.0	7.460	**13**
LTE BAND 66B	10MHz + 10MHz	50/0 + 50/0	1745.0	8.890	**13**

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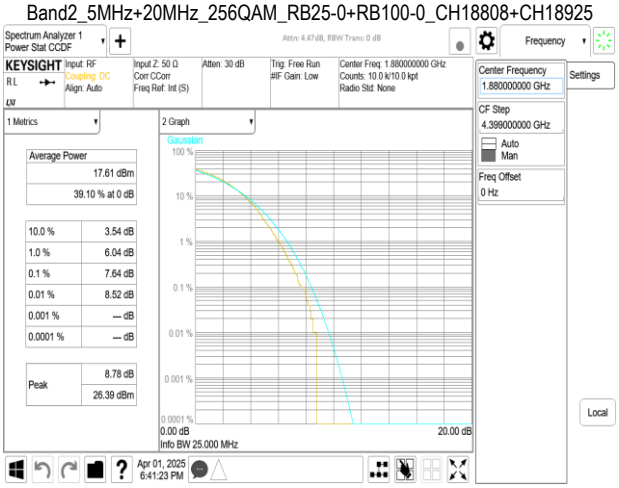
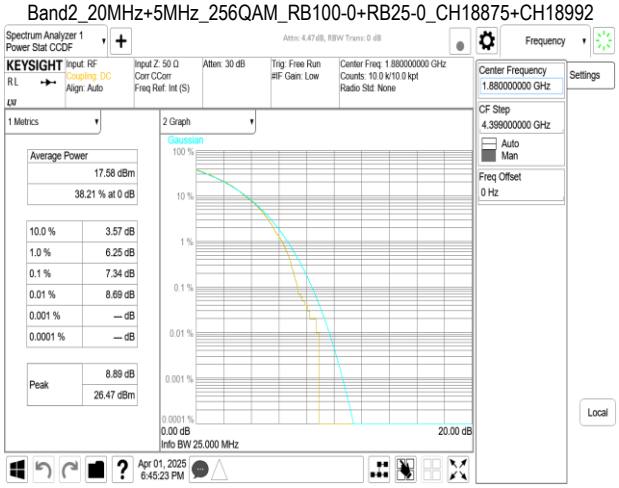
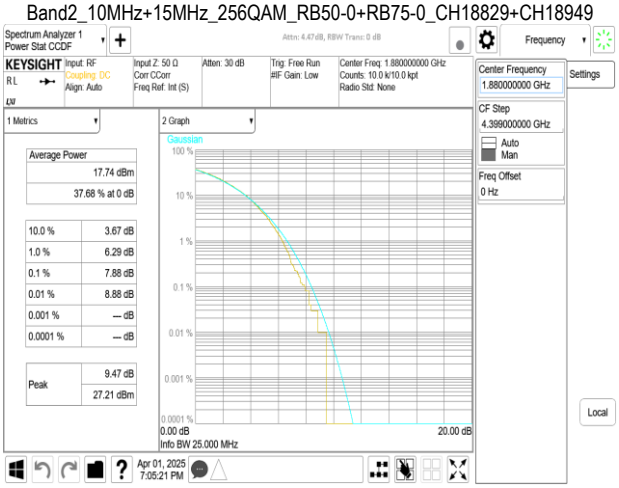
Band2_5MHz+20MHz_256QAM_RB25-0+RB100-0_CH18808+CH18925



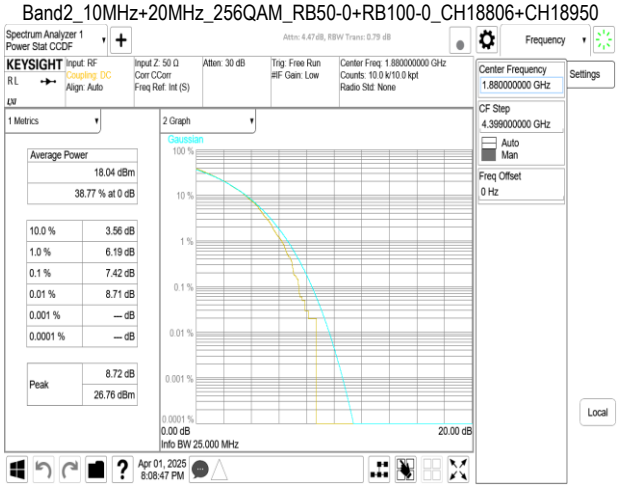
Band2_20MHz+5MHz_256QAM_RB100-0+RB25-0_CH18875+CH18992



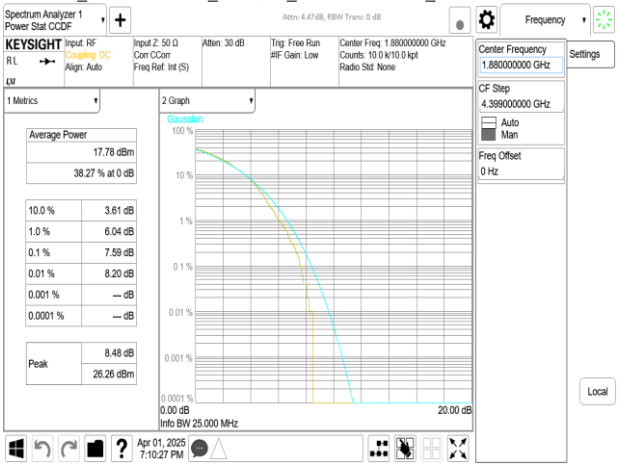
Band2_10MHz+15MHz_256QAM_RB50-0+RB75-0_CH18829+CH18949



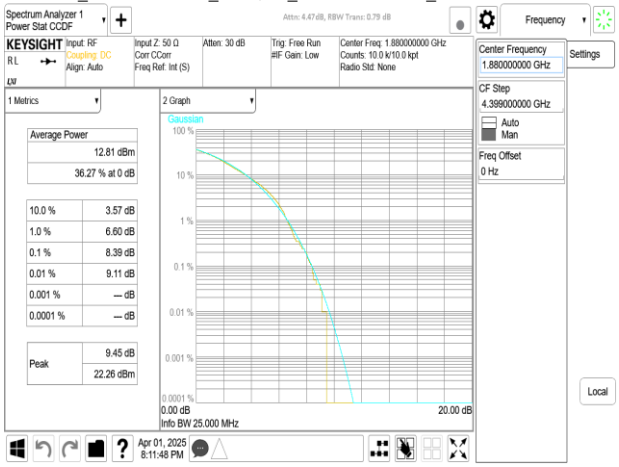
Band2_10MHz+20MHz_256QAM_RB50-0+RB100-0_CH18806+CH18950



Band2_15MHz+10MHz_256QAM_RB75-0+RB50-0_CH18851+CH18971



Band2_15MHz+15MHz_256QAM_RB75-0+RB75-0_CH18825+CH18975



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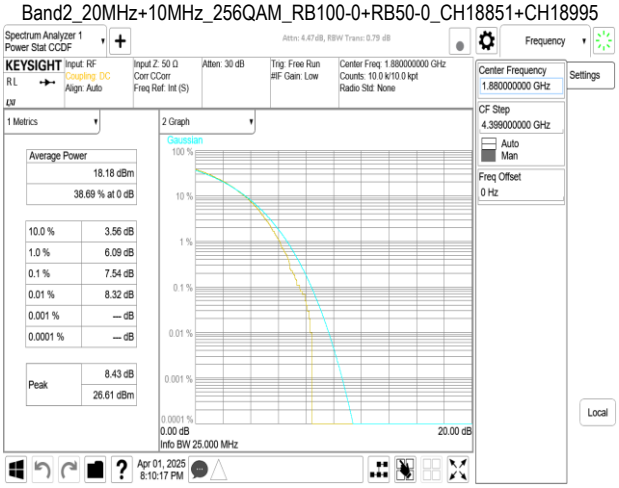
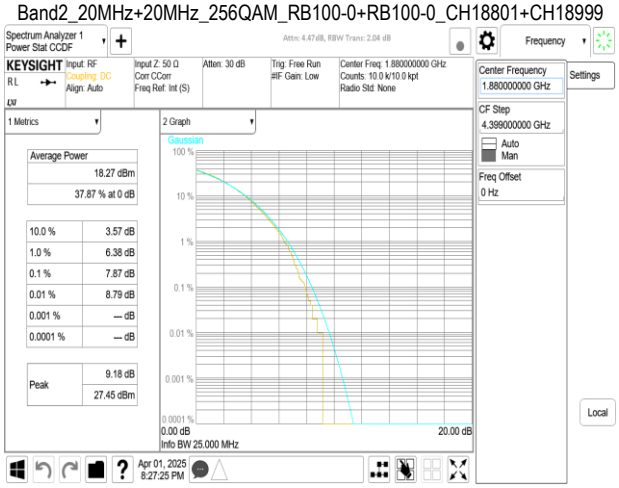
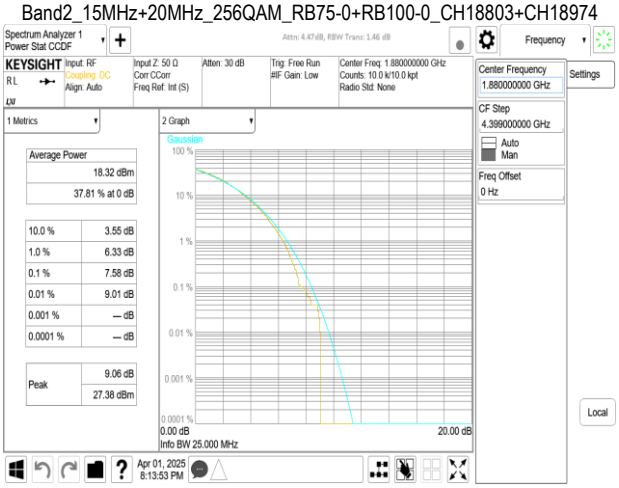
Band2_20MHz+10MHz_256QAM_RB100-0+RB50-0_CH18851+CH18995



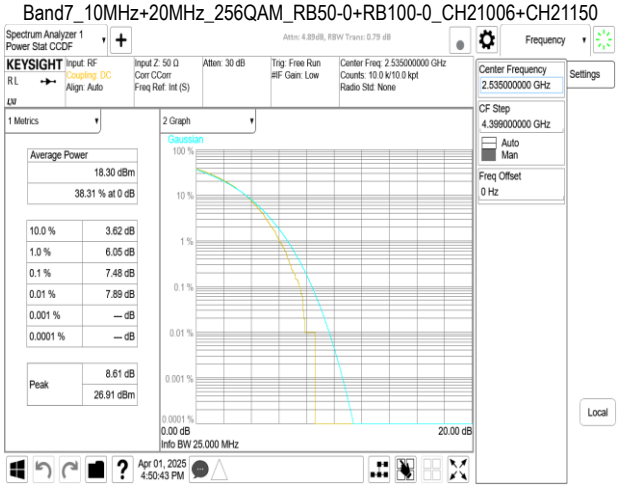
Band2_20MHz+20MHz_256QAM_RB100-0+RB100-0_CH18801+CH18999



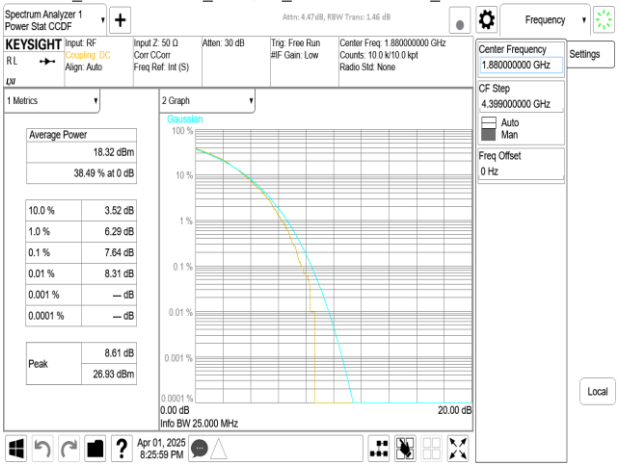
Band2_15MHz+20MHz_256QAM_RB75-0+RB100-0_CH18803+CH18974



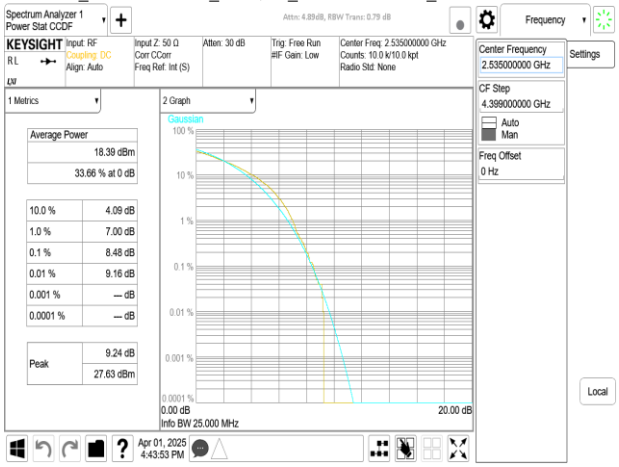
Band7_10MHz+20MHz_256QAM_RB50-0+RB100-0_CH21006+CH21150



Band2_20MHz+15MHz_256QAM_RB100-0+RB75-0_CH18826+CH18997



Band7_15MHz+15MHz_256QAM_RB75-0+RB75-0_CH21025+CH21175



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