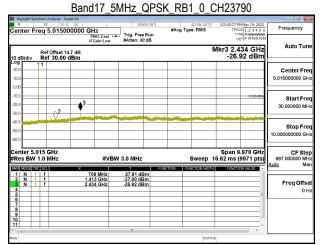


Band17 5MHz QPSK RB1 0 CH23755

| S.015000000 5.015000000 f 0ffset 14.7 dB f 30.00 dBm | PNO: Fest - IFGain:Low | | Run dB | #Avg Type | N | TRAC TYP DE Ikr3 2.4 -27.5 | -10.00 4De | Frequency Auto Tu Center Fr 5.015000000 G Start Fr 30.000000 M |
|---|-----------------------------------|-----------------------------------|--|--|--|---|---|---|
| f 30.00 dBm | IFGain:Low | #Atten: 30 | | | | -27.5 | 36 GHz 52 dBm | Center Fr 5.015000000 G Start Fr |
| | | | | | | | | 5.015000000 G Start Fr |
| ² → ³ | | | | | | | | |
| | | | | air i dessini | a state of the sta | Charles and the | the Contribution of the | |
| | | | | | | | | Stop Fr 10.000000000 G |
| GHz MHz | #VB | W 3.0 MHz | | | Sweep 16 | 6.62 ms (9 | | CF St 997.000000 M Auto M |
| | 705 MHz 1.413 GHz 2.436 GHz | -37.45 dBr | n | ON FUN | CTION WIDTH | FUNCTIO | | Freq Offs 0 |
| | | 705 MHz 1.413 GHz 2.436 GHz | 1.413 GHz -37.46 dB; 2.436 GHz -27.52 dB; | 1.413 GHz -37.45 dBm 2.438 GHz -27.52 dBm | 1413 GHz - 37.45 dBm 2.436 GHz - 27.52 dBm | 14/13 GHz - 37/46 dBm 2438 GHz - 27/52 dBm | 1413 GHz - 37.45 dBm 2.438 GHz - 27.52 dBm | 1 413 GHz |

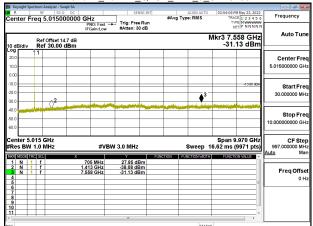


Band17 5MHz QPSK RB1 0 CH23825

| - 6 | | | | | | | | | Analyzer - Sv | | | |
|---|--|-----------|----------------------|----------|----------|------------------------------------|--------------------------|-----------------------|------------------------|-------------------|--------|---|
| Frequency | 4 May 19, 2022 E 1 2 3 4 5 6 E M WWWWW | TRAC | ALIGN AUTO e: RMS | #Avg Typ | NSE:INT | 1 | IZ NO: Fast | 0000 G | | Freq | | Cer |
| Auto Tun | 36 GHz 19 dBm | /kr3 2.4 | N | | 0 dB | #Atten: 3 | Gain:Low | ⊪.7 dB | f Offset 14 f 30.00 | | B/div | 10 d |
| Center Fre 5.015000000 GH | | | | | | | | | | X1 | | 20.0 20.0 10.0 |
| Start Fre 30.000000 MH | -10.00 dDm | | a shika an al a | | | | alanahan satu di | ♦ ³ | ^2 | | | -10.0 -20.0 -30.0 |
| Stop Fr 10.000000000 G | | | | | | | | | | | | -40.0 -50.0 -60.0 |
| CF Ste 997.000000 MI <u>Auto</u> Mi | .970 GHz 9971 pts) | 6.62 ms (| Sweep 1 | | | V 3.0 MHz | #VE | × | MHz | 5.015 N 1.0 | s Bl | #Re |
| Freq Offs 01 | | | | | Bm Bm | 26.24 df -36.80 df -26.19 df | 2 MHz 6 GHz 16 GHz | 71 | 1 | 1 f 1 f 1 f | N N | 1 2 3 4 5 6 7 8 9 |
| | * | 5 | STATU | | | N. | | | | | | 11 < |

Report No.: TERF2204000399E2 Page: 151 of 237

Band17_10MHz_QPSK_RB1_0_CH23780



Band17 10MHz QPSK RB1 0 CH23790

| Keysight Spectrum Analyzer - Swept SA | | | | |
|--|--|----------------------------------|---|----------------------------------|
| R RF 50 Ω DC | SENSE: | INT ALIGN AUTO #Avg Type: RMS | 01:49:03 PM May 19, 2022 TRACE 1 2 3 4 5 6 | Frequency |
| enter Freq 5.015000000 | GHZ PNO: Fast ↔ IFGain:Low #Atten: 30 dl | an B | DET P NNNNN | |
| Ref Offset 14.7 dB dB/div Ref 30.00 dBm | | N | lkr3 2.655 GHz -31.52 dBm | Auto Tur |
| | | | | Center Fre |
| 0 | | | | 5.015000000 GI |
| .0 | | | -10.00 dBm | Start Fr |
| .02 | ∮ ³ | | | 30.000000 M |
| .0 A CONTRACTOR OF THE OWNER | | | | Stop Fr |
| .0 | | | | 10.000000000 G |
| enter 5.015 GHz es BW 1.0 MHz | #VBW 3.0 MHz | Sweep 1 | Span 9.970 GHz 6.62 ms (9971 pts) | CF Ste 997.000000 M Auto M |
| R MODE TRC SCL X | 706 MHz 27.96 dBm | FUNCTION FUNCTION WDTH | FUNCTION VALUE | Auto m |
| | 1.410 GHz -37.74 dBm 2.655 GHz -31.52 dBm | | | Freq Offs 0 |
| | | | | |
| | | | | |
| <u> </u> | | erone | • | |

Band17 10MHz QPSK RB1 0 CH23800

| Keysight Spectrum Analyzer - Swept SA | | | | - 0 × |
|---|---|------------------------------|---|------------------------------------|
| Center Freq 5.015000000 | I GHZ Trig: Free Run | ALIGN AUTO #Avg Type: RMS | 01:51:50 PM May 19, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWWW | Frequency |
| Ref Offset 14.7 dB 10 dB/div Ref 30.00 dBm | PNO: Fast Trig: Free Run IFGein:Low #Atten: 30 dB | M | Akr3 3.217 GHz -30.67 dBm | Auto Tune |
| 20.0 ¥1 | | | | Center Free 5.015000000 GH: |
| -10.0 -20.0 -30.0 | ↓ ³ | | -10.00 d0m | Start Free 30.000000 MH |
| 40.0 40.0 50.0 60.0 | | | | Stop Fre 10.000000000 GH |
| Center 5.015 GHz Res BW 1.0 MHz | #VBW 3.0 MHz | | Span 9.970 GHz 6.62 ms (9971 pts) | CF Ste 997.000000 MH Auto Ma |
| MRR MODE FIRE SOL X | 707 MHz 26,99 dBm 1.415 GHz -37.55 dBm 3.217 GHz -30.67 dBm | FUNCTION MOTH | FUNCTION VALUE | Freq Offse 0 H |
| 7 8 9 10 11 11 | III | | ,· | |
| nsg | | STATU | 5 | |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司

SGS Taiwan Ltd.

t (886-2) 2299-3279

f (886-2) 2298-0488



Band26-Part90s 1.4MHz QPSK RB1 0 CH26697

| | Spectr | | nalyzer - Swe | | | | | | | | | | |
|---|--------|-------------|----------------------|---------|-------------------------|--------------------------------|-----------|------|---------|---------------|----------|--|----------------------------|
| N R Center | Fre | RF q5 | 50 Ω .01500 | 0000 GH | IZ NO: Fast | Trig: F | sense: IN | | #Avg T) | ALIGN AUTO | TRAC | M May 20, 2022 2 1 2 3 4 5 6 PE M WWWW | Frequency |
| 10 dB/di | | | Offset 14 30.00 c | .7 dB | Gain:Low | #Atten | 30 dB | | | | /kr3 3.6 | 95 GHz 53 dBm | Auto Tur |
| 20.0 10.0 | Ì | 1 | | | | | | | | | | | Center Fr 5.015000000 G |
| 20.0 | | | ^2 | | | 3 | - | | | L MA | | -10.00 dDm | Start Fr 30.000000 M |
| 40.0 50.0 50.0 | فليباد | | a di dana | | | | | | | | | | Stop Fr 10.000000000 G |
| Center Res B | | | | | #VE | 3W 3.0 MH | Iz | | | Sweep 1 | | .970 GHz 9971 pts) | |
| 1 N 2 N 3 N 4 5 6 7 8 9 10 | | f f f | | 1.62 | 4 MHz 7 GHz 5 GHz | ¥ 27.28 -37.26 -31.53 | dBm | FUNC | TION | UNCTION WIDTH | FUNCTI | | Freq Off: 0 |
| 11 | | | | | | 87 | - | | - | | | | |
| SG | | | | | | | | | | STATU | 5 | | |

| R | rctrum Analyzer - Sw RF 50 Ω | DC | OS_1.4M | EINT | ALIGN AUTO | 10:22:16 AM | May 20, 2022 | |
|--|---------------------------------|--|---------------------------------------|------|----------------|-------------------|--------------------------------|------------------------------------|
| Center F | req 5.01500 | DOOOO GHZ PNO: Fast IFGain:Low | Trig: Free F #Atten: 30 | tun | Type: RMS | TYP | 1 2 3 4 5 6 MWWWW P NNNN | |
| 10 dB/div | Ref Offset 14 Ref 30.00 | | | | | Mkr3 2.4 -23.6 | 10 GHz 7 dBm | Auto Tune |
| 20.0 10.0 | ¥1 | | | | | | | Center Fre 5.015000000 GH |
| -10.0 | ^2 | ♦ ³ | | | | | -10.00 dDm | Start Fre 30.000000 MH |
| -40.0 -50.0 -60.0 | al que Ver | | | | | | | Stop Fre 10.000000000 GH |
| Center 5. Res BW | 1.0 MHz | | BW 3.0 MHz | | | 16.62 ms (9 | , | CF Ste 997.000000 MH Auto Ma |
| MGR MODE 10 1 N 1 2 N 1 3 N 1 4 5 | 16 301 f f f | × 819 MHz 1.637 GHz 2.410 GHz | 27.25 dBr -37.19 dBr -23.67 dBr | 1 | FUNCTION WIDTH | FUNCTIO | | Freq Offso 0 ⊦ |
| 6 7 8 9 10 | | | | | | | | |
| 11 / | | | 17 | | STAT | | * | |

Band26-Part90s 1.4MHz QPSK RB1 0 CH26783

| | ectrum Analyzer - | | | | | | | | | - 0 × |
|-------------------------|------------------------|------------|-------------------------|---------------------------------------|---------|-----------|----------------------|---------------|-----------------------|------------------------------------|
| Center F | | 0000000 GH | Z łO:Fast ← | SENSE | | #Avg Typ | ALIGN AUTO e: RMS | TRAC | M May 20, 2022 | Frequency |
| 10 dB/div | Ref Offset Ref 30.0 | 14.7 dB | iU: Fast ← Sain:Low | #Atten: 30 d | В | | N | ™ /kr3 2.4 | 35 GHz 93 dBm | Auto Tun |
| 20.0 10.0 | ×1 | | | | | | | | | Center Fre 5.015000000 GH |
| -10.0 -20.0 -30.0 | | 2 ♦3 | and broken and | | | م دار . ا | | | -13.00 dDm | Start Fre 30.000000 MH |
| -40.0 -50.0 -60.0 | | | | | | | | | | Stop Fre 10.000000000 G⊦ |
| Center 5. #Res BW | 1.0 MHz | X | #VB | W 3.0 MHz | FUNCTIO | | Sweep 1 | 6.62 ms (| .970 GHz 9971 pts) | CF Ste 997.000000 MH Auto Ma |
| 1 N 2 N | 1 [f] | 82 1.64 | 3 MHz 6 GHz 5 GHz | 27.09 dBn -35.92 dBm -28.93 dBm | ļ | | | | | Freq Offs 0 H |
| 11 < | | | | . 17 | | | STATUS | 5 | • | |

Report No.: TERF2204000399E2 Page: 152 of 237

Band26-Part90s 3MHz QPSK RB1 0 CH26705

| | | | | | | | | ipt SA | inalyzer - Swe | | ysight S | |
|--------------------------|--|----------|------------------------|--------|----------|------------------------------|----------------------------|-------------------|----------------------|--------|----------|-------------|
| Frequency | :09:56 PM May 20, 2022 | D 06 | ALIGN AUTO | | SENSE: | _ | | | 50 Ω | RF | | F |
| | TYPE MWWWW DET P NNNNN | | Type: RMS | | | Trig: F #Atten | HZ NO: Fast Gain:Low | | 01500 | req | iter | :er |
| Auto Tun | 3 4.862 GHz -31.44 dBm | Mkr | | | | | | | Offset 14 30.00 c | | B/div | 0 0 |
| | | | | | | | | | | 1 | | .0g 20.0 |
| Center Fre | | | | | | | | | | | | |
| 5.015000000 GH | | - | - | - | - | - | | | | | - | 10.0 |
| | | - | | - | - | - | | | | | - | 0.00 |
| Start Fre | -10.00 dDm | | _ | | | _ | | | | | | 10.0 |
| 30.000000 MH | | | _ | | | _ | | | | | | 20.0 |
| 00.000000 | | | | | ¢° | | | | 2 | | | ຄ |
| | and a grant water built a state of the | ويطاقعون | and interacting of the | | distant, | Ne i presi de la composition | a had to get the | al de la companya | | 1 | | nr |
| Stop Fre | | | | | | | | | | - | | 50.0 |
| 10.00000000 GH | | | | | | | | | | | | |
| | | | | | - | | | | | | | 50.0 |
| CF Ste | pan 9.970 GHz | | | | | | | | | .015 | | |
| 997.000000 Mi Auto Mi | 2 ms (9971 pts) | 16.62 | Sweep | | Hz | W 3.0 MI | #VE | | ЛНz | 1.0 | s BV | Re |
| Auto Ma | FUNCTION VALUE | TH | FUNCTION WIDT | FUNCTH | | Y | | × | | RC SCI | | KØ. |
| | | _ | | | | 27.36 | 14 MHz 30 GHz | | | 1 f | N | 1 |
| Freq Offs | | | | | | -31.44 | 62 GHz | | | 1 f | N | 3 |
| 0 H | | _ | | | | | | | | - | - | 45 |
| | | | | | | | | | | | | 6 |
| | | - | | | | | | | | - | | 78 |
| | | | | | | | | | | | | 9 |
| | | - | | | | | | | | - | _ | 0 |
| | | | | | | | | | | | | C |
| | | TUS | STAT | | | | | | | | | |

Band26-Part90s 3MHz QPSK RB1 0 CH26740

| 📕 Keysight Sp | ectrum Analyzer - | | | | | | | | |
|---------------------------|------------------------|--------|-----------------------------------|---------------------------------|-----|--------------|---------|-----------------------------|------------------------------|
| R | | 0Ω DC | | SENSE | | ALIGN A | | TRACE 1 2 3 4 5 | Frequency |
| enter F | req 5.015 | 000000 |) GHZ PNO:Fast ← IFGain:Low | +- Trig: Free R #Atten: 30 c | lun | vgiype:Rivi: | • | TYPE MWWWW DET PNNNN | N |
|) dB/div | Ref Offset Ref 30.0 | | | | | | | 3.782 GH 31.03 dBn | |
| | 1 | | | | | | | | Center Fre 5.015000000 GH |
| .0 | | 2 | | 3 | | | | -10.00 40 | Start Fre |
| 0 | ala a M | | | | | | | | Stop Fre 10.000000000 Gi |
| | 015 GHz 1.0 MHz | | #VBI | W 3.0 MHz | | Swee | | an 9.970 GH ns (9971 pts | |
| R MODE II N 1 2 N 1 | f | × | 818 MHz 1.634 GHz | 28.93 dBn -36.88 dBn | 1 | FUNCTION | MDTH FI | JNCTION VALUE | i — |
| N 1 | f | | 3.782 GHz | -31.03 dBn | 1 | | | | Freq Offs |
| 5 7 8 9 | | | | | | - | _ | | |
| 1 | 1 1 | | | ш | + | - | 1 | - | |
| 2 | | | | | | k | TATUS | | |

Band26-Part90s 3MHz QPSK RB1 0 CH26775

| | ectrum Analyzer - Sw | | | | | | |
|---|------------------------------|-----------------------------------|-----------------------|----|----------------|---|-------------------------------------|
| Center F | RF 50 Ω req 5.01500 | 00000 GHz | | | ALIGN AUTO | 06:36:43 PM May 20, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWWW | Frequency |
| 10 dB/div | Ref Offset 14 Ref 30.00 (| | | | | 0et P NNNN Mkr3 3.807 GHz -30.88 dBm | Auto Tune |
| 20.0 10.0 | 1 | | | | | | Center Free 5.015000000 GH |
| -10.0 | ^2 | | ♦ ³ | | | -10.00 d0n | Start Free 30.000000 MH: |
| 40.0 40.0 50.0 | | | | | | | Stop Free 10.000000000 GH |
| Res BW | 015 GHz 1.0 MHz | # | VBW 3.0 MHz | | | Span 9.970 GHz 6.62 ms (9971 pts) | CF Stej 997.000000 MH Auto Ma |
| 1 N 1 2 N 1 3 N 1 4 5 6 7 | f | 821 MHz 1.639 GHz 3.807 GHz | -37.22 dE | 3m | FUNCTION WIDTH | FUNCTION VALUE | Freq Offse 0 H |
| 8 9 10 11 11 | | | III. | | STATU | | |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司

SGS Taiwan Ltd.

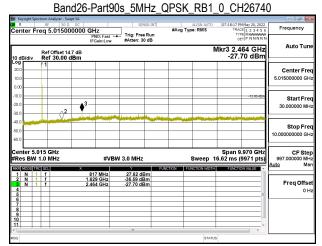
t (886-2) 2299-3279

f (886-2) 2298-0488



Band26-Part90s 5MHz QPSK RB1 0 CH26715

| 🇯 Keysight Sp | | | | | | | | | | | | |
|--|--------------------------|------------------------|----------------------------|---------------------------------------|---|----------|--------------|---------------------|--|---------------------------------|--|--|
| R Center F | [⊮] req 5.01 | 50 Ω DC 5000000 G | Hz NO:Fast ← | SENSE | | #Avg Typ | ALIGN AUTO | TRAC | May 20, 2022 E 1 2 3 4 5 6 E MWWWW | Frequency | | |
| 10 dB/div | | et 14.7 dB .00 dBm | Gain:Low | #Atten: 30 c | B | | 1 | Akr3 3.8 | 00 GHz 31 dBm | Auto Tu | | |
| 20.0 10.0 | *1 | | | | | | | | | Center Fr 5.015000000 G | | |
| 20.0 | | ° ² | | 3 | | | | | -10.00 dDm | Start Fr 30.000000 M | | |
| 10.0 10.0 10.0 | | | | | | | | | | Stop Fi 10.000000000 0 | | |
| enter 5. Res BW | 015 GHz 1.0 MHz | | #VBI | N 3.0 MHz | | | Sweep 1 | Span 9 6.62 ms (| .970 GHz 9971 pts) | CF St 997.000000 M Auto M | | |
| Note N 1 1 N 1 2 N 1 3 N 1 4 5 6 6 7 8 9 10 11 | f f | 1.6 | 15 MHz 30 GHz 00 GHz | 27.98 dBn -36.71 dBn -28.81 dBn | 1 | TION FU | NCTION WIDTH | FUNCTIO | | Freq Offs 0 | | |
| sg | | | | 87 | | | STATU | | - · | | | |



Band26-Part90s 5MHz QPSK RB1 0 CH26765

| | | | | | | | | | nalyzer - Sw | | rsight Sp | |
|---|---|-----------|---------------|----------|----------|------------------------------------|-------------------------|---------|----------------------|----------------|-----------|--------------------------------------|
| Frequency | 4 May 20, 2022 E 1 2 3 4 5 6 E M WWWW | TRAC | e: RMS | #Avg Typ | NSE:INT | | Iz NO: Fast | 0000 GH | 50 Ω | req (| ter F | Cen |
| Auto Tune | 41 GHz 85 dBm | Akr3 3.8 | 1 | | 0 dB | #Atten: 3 | Sain:Low | ⊪.7 dB | Offset 14 30.00 (| Ref | 3/div | 10 dE |
| Center Fre 5.015000000 GH | | | | | | | | | | ¥1 | | 20.0 10.0 0.00 |
| Start Fre 30.000000 MH | -10.00 dBm | | anitati dence | (| | 3 | | | <u>്</u> 2 | | | -10.0 -20.0 -30.0 |
| Stop Fre 10.000000000 GH | | | | | | | | | | | | -40.0 -50.0 -60.0 |
| CF Ste 997.000000 MH <u>Auto</u> Ma | .970 GHz 9971 pts) | 6.62 ms (| Sweep 1 | | | W 3.0 MHz | #VE | × | /Hz | 015 0 1.0 1 | s BW | #Re |
| Freq Offse 0 H | B | | | | Bm Bm | 26.61 df -36.54 df -30.85 df | 0 MHz 9 GHz 1 GHz | 82 | | | N N | 1 2 3 4 5 6 7 8 |
| | v b | 5 | STATU | | | н | | | | | | 9 10 11 < MSG |

Report No.: TERF2204000399E2 Page: 153 of 237

Band26-Part90s 10MHz QPSK RB1 0 CH26740

| - 8 | | | | | | pt SA | Analyzer - Swe | | |
|--------------------------|-------------------------------------|------------------------|---------|---------------------------------|-----------------------|----------------|----------------|-----------------------|------------|
| Frequency | 07:49:22 PM May 20, 2022 | ALIGN AUTO | NT | SENSE | | DC | | 8 | R |
| Frequency | TRACE 1 2 3 4 5 6 | Type: RMS | |] | z | 0000 GH | 5.01500 | r Freq | nte |
| | DET P NNNN | | | #Atten: 30 d | NO:Fast ← Gain:Low | | | | |
| Auto Tur | | | | #Atten: 30 d | Gain:Low | IFO | | | |
| Auto Tui | 1kr3 2.409 GHz | N | | | | 7 40 | f Offset 14 | | |
| | -28.76 dBm | | | | | | ef 30.00 c | | dB/d |
| | | | | | | 5 | 1 00.00 0 | X 1 | 9 F |
| Center Fre | | | | | | | | | .a.— |
| 5.015000000 GH | | | | | | | | | |
| 5.015000000 GF | | | | | | | | | - 0 |
| | | | | | | | | | - 00 |
| | 1000 400 | | | | | | | | |
| Start Fre | -1500 doin | | | | | | | | ~ – |
| 30.000000 MI | | | | | | <u></u> 3 — | | - | .0 |
| | | | | | | <u> </u> | 2 | | |
| | dente a ser la parte de la complete | والمعالية وأنافه محدات | 1.525.0 | in the state of the line of the | البروسيهيل | and all stress | . V.a | | · . |
| Stop Fre | | | | | | | | and the second second | .0 🐜 |
| | | | | | | | | | .0 |
| 10.00000000 GI | | | | | | | | | |
| | | | | | | | | | .0 |
| | Span 9.970 GHz | | | | 1 | | 0.11- | r 5.015 | |
| CF Ste 997.000000 MH | | | | | | | | | |
| 997.000000 Mi Auto Mi | 6.62 ms (9971 pts) | Sweep 1 | | 3.0 MHz | #VB | | MHZ | 3W 1.0 | est |
| Auto Ma | FUNCTION VALUE | FUNCTION WDTH | FUNCT | Y | | x | L | DE TRC S | NOC |
| | | | | 27.01 dBm | 5 MHz | | | 1 1 | N |
| Freq Offs | | | | -36.66 dBm | 29 GHz | | | | N |
| | | | | -28.76 dBm | 09 GHz | 2.40 | | 1 1 | N |
| 01 | | | | | | | - | + + | |
| | | | | | | | | | |
| | | | | | | | | | ' |
| | | | | | | | | + | |
| | | | | | | | | + + | |
| | | | | | - | | | | |
| | • | | | m | | | | | |
| | | STATUS | | | | | | | |

Band26 1.4MHz QPSK RB1 0 CH26797

| 📕 Keysight Sp | ctrum Analyze | r - Swept SA | | | | | | | | | |
|---------------|--------------------|----------------------|----------------|--------------------------|--------------------------|---------|----------------|-------------|-------|---------------------------------|----------------|
| R | | 50 Ω DC | | | SE | NSE:INT | #Avg Tvp | ALIGN AUTO | | M May 20, 2022 ≈ 1 2 3 4 5 6 | Frequency |
| enter F | req 5.01 | 500000 | PN | Z D:Fast ↔ ain:Low | . Trig: Fre #Atten: 3 | | #Avg Typ | e. Km3 | TY | PE MWWWWW ET P NNNNN | |
|) dB/div | | et 14.7 dB 00 dBm | | | | | | 1 | | .35 GHz 19 dBm | Auto Tur |
| 20 | ¥1 | | | | | | | | | | Center Fre |
| | | | | | | | | | | | 5.015000000 G |
| .0 | | | 3 | | | | | | | -10.00 dDn | Start Fr |
| 1.0 | | _2 | | | | | | | | | 30.000000 M |
| .0 | ululuse u | X. | u kan se | | | - | and the second | | | | Stop Fr |
| 1.0 | | | | | | | | | | | 10.00000000 G |
| enter 5. | 015 GHz 1.0 MHz | | | #VBV | / 3.0 MHz | | | Sweep ' | | .970 GHz 9971 pts) | 997.000000 M |
| R MODE T | | × | | MHz | Y 26.62 di | | ICTION FUI | NCTION WOTH | FUNCT | ON VALUE | Auto M |
| N N | f | | 1.651 2.435 | GHz | -35.59 di -25.19 di | 3m | | | | | Freq Offs 0 |
| 5 | | | | | | | | | | 1 | |
| 3 9 9 | | | | | | | | | | | |
| 1 | | | _ | 1 | ш | | | | - | • | |
| 2 | | | | | | | | STATI | 10 | | |

Band26 1.4MHz QPSK RB1 0 CH26915

| Keysight Spectrum Analyzer - Swept SA | | | | | - d × | | | | |
|---|--|---------------------------------------|------------------------------|---|------------------------------------|--|--|--|--|
| R RF 50Ω DC | | SENSE:INT | ALIGN AUTO #Avg Type: RMS | 09:56:59 AM May 20, 2022 TRACE 1 2 3 4 5 6 | Frequency | | | | |
| Ref Offset 14.7 dB | FRO: Fail Trig: Free Run IFGaint.cv | | | | | | | | |
| 0 dB/div Ref 30.00 dBm | | | | -25.04 dBm | Center Fre 5.015000000 GH | | | | |
| 0.0 0.0 0.0 0.0 0.0 00 00 00 00 00 00 00 | | | | -10.00 dDn | Start Fre 30.000000 MH | | | | |
| | | | | | Stop Fre 10.000000000 GH | | | | |
| enter 5.015 GHz Res BW 1.0 MHz | #VBW | 3.0 MHz | Sweep 1 | Span 9.970 GHz 6.62 ms (9971 pts) | CF Ste 997.000000 Mi Auto Ma | | | | |
| 1 N 1 f 2 N 1 f | 836 MHz .669 GHz 2.437 GHz | 28.65 dBm -36.42 dBm -25.04 dBm | | FUNCTION VALUE | Freq Offs 0 ł | | | | |
| 7 8 9 0 1 | | | | | | | | | |
| sg | | | STATU | 5 | 1 | | | | |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司

SGS Taiwan Ltd.

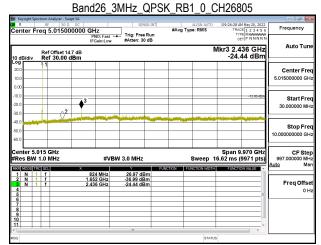
t (886-2) 2299-3279

f (886-2) 2298-0488



Band26 1.4MHz QPSK RB1 0 CH27033

| | trum Analyzer - | | | | | | | | | |
|---|-----------------|----------------|----------------------------|---------------------------------------|---|-----------|-------------|------------|----------------|---------------------------------|
| enter Fr | | 0 9 DC | 47 | SENSE | | #Ava Type | ALIGN AUTO | TRAC | # May 20, 2022 | Frequency |
| 0 dB/div | Ref Offset | 14.7 dB | NO: Fast - Gain:Low | Trig: Free F #Atten: 30 c | | | | Wkr3 5.0 | | Auto Tu |
| 20.0 10.0 | *1 | | | | | | | -00. | | Center Fr 5.015000000 G |
| 20.0 | | 2 ² | | | 3 | | | | -10.00 dDm | Start Fr 30.000000 N |
| 10.0 30.0 30.0 | | | | | | | | | | Stop Fr 10.000000000 0 |
| enter 5.0 Res BW | 1.0 MHz | | #VB | W 3.0 MHz | | | <u> </u> | 16.62 ms (| | CF Si 997.000000 M Auto M |
| I N 1 1 N 1 2 N 1 3 N 1 4 5 6 7 8 9 9 10 10 | | 1.6 | 48 MHz 98 GHz 99 GHz | 27.76 dBn -35.11 dBn -30.87 dBn | 1 | | CTION WIDTH | FUNCTIO | | Freq Off |
| 11 | | | | | - | | | | · · | |

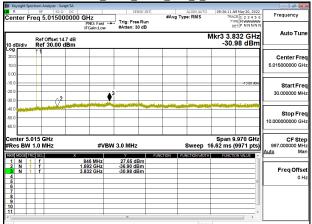


Band26 3MHz QPSK RB1 0 CH26915

| | rum Analyzer - Swept SA | | | | | | |
|--------------------------|-------------------------------------|-----------------------------------|---------------------------------------|----------|----------------------|---|---------------------------------|
| Center Fre | RF 50 Ω DC eq 5.01500000 | | SENSE:INT | #Avg Typ | ALIGN AUTO e: RMS | 09:30:56 AM May 20, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWWW | Frequency |
| 10 dB/div | Ref Offset 14.7 dE Ref 30.00 dBm | IFGain:Low | #Atten: 30 dB | | N | 0ET P NNNNN Mkr3 2.439 GHz -24.67 dBm | Auto Tun |
| 20.0 10.0 | *1 | | | | | | Center Fre 5.015000000 GH |
| -10.0 -20.0 -30.0 | ^2 | 3 | | | | -10.00 dDm | Start Fre 30.000000 MH |
| -40.0 -50.0 -60.0 | | | | | | | Stop Fr 10.00000000 G |
| Center 5.01 #Res BW 1 | .0 MHz | #VBV | V 3.0 MHz | | Sweep 1 | Span 9.970 GHz 6.62 ms (9971 pts) | CF St 997.000000 M Auto M |
| | f f f | 835 MHz 1.675 GHz 2.439 GHz | 28.80 dBm -36.89 dBm -24.67 dBm | | | | Freq Offs 0 |
| 9 10 11 (| | | N. | | STATU | * | |

Report No.: TERF2204000399E2 Page: 154 of 237

Band26_3MHz_QPSK_RB1_0_CH27025



Band26 5MHz QPSK RB1 0 CH26815

| | ectrum Anal | lyzer - Swept Si | Α | | | | | | | |
|------------------|------------------|-------------------------|------------------------|---------|---------------------------|------------------|---------------|---------------------|-----------------------|------------------------------------|
| R | RF | 50 Ω D | | | SENSE:INT | #A.u. T. | ALIGN AUTO | | May 19, 2022 | Frequency |
| enter F | req 5.0 |)150000 | PNO: Far IFGain:Lo | | g: Free Run ten: 30 dB | #Avg I) | | TYI Di | | Auto Tun |
| 0 dB/div | | fset 14.7 d 0.00 dBr | | | | | I | 4 Mkr3 2.4 -28. | 36 GHz 91 dBm | Auto Tuli |
| 0.0 | Ť1 | | | _ | | _ | | | | Center Fre |
| .00 | | | | | | | | | | 5.015000000 GH |
| .0 | | | | - | | - | | | -10.00 dDm | Start Fre |
| 0.0 | | 2 | ♦ ³ | | | anna àr saeltair | | | | 30.000000 MH |
| .0 | يسبيهم | | | | | | | | | Stop Fre |
| | | | | | | _ | | | | 10.00000000 GH |
| | 015 GH 1.0 MH | | # | VBW 3.0 | MHz | | Sweep 1 | Span 9 6.62 ms (| .970 GHz 9971 pts) | CF Ste 997.000000 Mi Auto Mi |
| R MODE T | 1 f | | × 825 MHz | 27 | .69 dBm | FUNCTION | UNCTION WIDTH | FUNCTION | IN VALUE | Auto ma |
| N [·] | | | 1.653 GHz 2.436 GHz | | .99 dBm .91 dBm | | | | | Freq Offs 0 H |
| 5 5 7 8 | | | | | | | | | | |
| 9 | | | | | | | | | _ | |
| 1 | | | | I | | | | I | | |
| | | | | | | | STATU | e | | |

Band26 5MHz QPSK RB1 0 CH26915

| | um Analyzer - Swept | | | | | | | | × |
|--------------|---------------------------------|---|--------------------------|---|----------|--------------------|-----------|---|--------------------------|
| R | RF 50 Ω q 5.015000 | | SEN | SE:INT | #Avg Tvp | ALIGN AUTO | | MMay 19, 2022 | Frequency |
| | | PNO: Fast IFGain:Low | Trig: Free #Atten: 30 | | WONG LYP | | TYI Di | 38 GHz | Auto Tun |
| | Ref Offset 14.7 Ref 30.00 dE | | | | | | | 66 dBm | |
| 20.0 | 1 | | | | | | | | Center Fre |
| 10.0 | | | | | | | | | 5.015000000 GH |
| 10.0 | | | | | | | | -10.00 dBm | Start Fre |
| 20.0 | | → ³ | | | | | | | 30.000000 MH |
| 30.0 40.0 | | ALC: NO. OF THE OWNER OF THE OWNE | | dia | - | and the particular | | Name and Post of the Owner, where the Owner | |
| 50.0 | | | | | | | | | Stop Fre |
| 60.0 | | | | | - | | | | 10.00000000 GH |
| enter 5.01 | | | | | - | | | .970 GHz | CF Ste |
| Res BW 1. | | #V | BW 3.0 MHz | 510 | | Sweep 1 | | 9971 pts) | 997.000000 MH Auto Ma |
| 1 N 1 | | 834 MHz 1.671 GHz | 28.45 dE | Im | | CHOR WOTH | Poneth | | |
| 3 N 1 | f | 2.438 GHz | -27.66 dB | | | | | | Freq Offs |
| 5 6 | | | | | | | | = | |
| 7 8 | | | | | | | | | |
| 9 | | | | | | | | | |
| 1 | - | | ш | | | | | | |
| sg | | | | | | STATU | 5 | | |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司

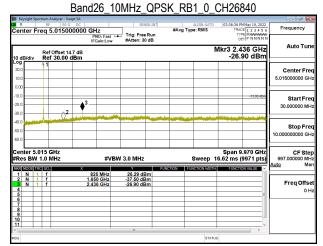
SGS Taiwan Ltd. t (886-2) 2299-3279

f (886-2) 2298-0488



Band26 5MHz QPSK RB1 0 CH27015

| Keysight Spectrum Analyzer - Sw | | | | | | | |
|---|--|--|-------------|--------------|-------------------------|----------------------------|---------------------------------|
| enter Freq 5.01500 | 00000 GHz | SENSE:IN | #Avg Typ | ALIGN AUTO | 04:42:14 PMM TRACE | ay 19, 2022 1 2 3 4 5 6 | Frequency |
| Ref Offset 14 0 dB/div Ref 30.00 | | #Atten: 30 dB | | N | Akr3 2.43 -28.39 | 5 GHz | Auto Tui |
| •g X1 20.0 10.0 | | | | | | | Center Fr 5.015000000 G |
| 0.0 0.0 0.0 | ♦ ³ | | | | | -10.00 dDm | Start Fr 30.000000 M |
| 0.0 0.0 0.0 | | | | | | | Stop Fr 10.00000000 G |
| enter 5.015 GHz Res BW 1.0 MHz | | BW 3.0 MHz | | <u> </u> | Span 9.9 6.62 ms (99 | 71 pts) | CF St 997.000000 M Auto M |
| CB MODE FRG SQL 1 N 1 f | X 845 MHz 1.689 GHz 2.435 GHz | Y 26.51 dBm -34.78 dBm -28.39 dBm | FUNCTION FU | NOTION WIDTH | FUNCTION | | Freq Off |

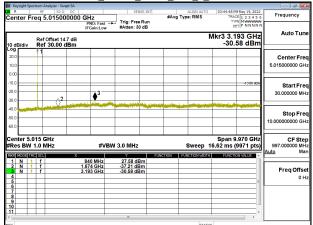


Band26 10MHz QPSK RB1 0 CH26915

| | ectrum Analyzer - S | | | | | × |
|--|---------------------------|-----------------------------------|---------------------------------------|----------------|---|---|
| Center F | RF 50 req 5.0150 | 00000 GHz | SENSE:INT | #Avg Type: RMS | 03:41:56 PM May 19, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWWW | Frequency |
| 10 dB/div | Ref Offset 1 Ref 30.00 | | #Atten: 30 dB | | Mkr3 2.439 GHz -27.93 dBm | Auto Tun |
| 20.0 10.0 | *1 | | | | | Center Fre 5.015000000 GH |
| -10.0 | 02 | 2 ♦3 | | | -10.00 dDm | Start Fre 30.000000 MH |
| -40.0 -50.0 -60.0 | | | | | | Stop Fro 10.000000000 G |
| Center 5. #Res BW | 1.0 MHz | #VE | W 3.0 MHz | Sweep ' | Span 9.970 GHz 16.62 ms (9971 pts) | CF Ste 997.000000 M <u>Auto</u> M |
| 1 N 2 N 3 N 4 5 6 7 8 | 1 f | 832 MHz 1.664 GHz 2.439 GHz | 26.97 dBm -36.22 dBm -27.93 dBm | | | Freq Offs 0 H |
| 9 10 11 | | | 17 | STATL | | |

Report No.: TERF2204000399E2 Page: 155 of 237

Band26_10MHz_QPSK_RB1_0_CH26990



Band26 15MHz QPSK RB1 0 CH26865

| | ectrum Analyzer - | | | | | | | | | |
|---------|-------------------|--------|---------------------------|---------------|--------------|------------|---------------|----------------|-----------------------|------------------------|
| R | | Ω DC | | SENS | E:INT | _ | ALIGN AUTO | | M May 19, 2022 | |
| enter F | req 5.015 | 000000 | GHz | Tria: Free | | Avg Typ | e:RMS | TY | CE 1 2 3 4 5 6 | |
| | | | PNO: Fast + IFGain:Low | #Atten: 30 | | | | 0 | ET P NNNN | 4 |
| | | | | | | | | Abr 3 2 / | 38 GHz | Auto Tui |
| | Ref Offset | | | | | | | | 69 dBm | |
| dB/div | Ref 30.0 | U dBM | | | | | | -21. | US UDIII | |
| | <u>↑</u> 1 | | | | | | | | | Center Fr |
| | | | | | | | | | | 5.015000000 G |
| | | | | | | | | | | 5.015000000 G |
| 0 | _ | | _ | - | | | | | | |
| 0 | | _ | | _ | | | | | -10.00 dDm | Start Fr |
| .0 | | ▲3 | | | | | | | | 30.000000 M |
| .0 | | 2 | | | | | | | | 30.000000 M |
| | V V | | and the set | Autor Antonio | م المحصول ال | above sets | and a surface | a and a sum la | and the second states | |
| 0 | | | | | | | | | | Stop Fr |
| .0 | | - | | - | | | | | | 10.000000000 G |
| .0 | | _ | | | | | | | | 10.000000000 |
| | | | | | | | | | | |
| | 015 GHz | | | | | | | | .970 GHz | |
| es BW | 1.0 MHz | | #VB | W 3.0 MHz | | | Sweep 1 | 6.62 ms (| (9971 pts) | 997.000000 M Auto M |
| MODE TI | | х | | Y | FUNCTIO | N FUI | NCTION WIDTH | FUNCT | ON VALUE | Auto |
| N 1 | 1 | | 825 MHz | 27.53 dB | | | | | | |
| N | | | .649 GHz .438 GHz | -36.41 dB | | | | | _ | Freq Offs |
| | | | | | | | | | | |
| | | | | | - | | | | | |
| | | | | | | | | | _ | |
| | | | | | | _ | | | | |
| | | | | | - | | | | | |
| | | | | | | | | | * | |
| | | | | m | | | | | | |
| | | | | | | | CTATU | | | |

Band26 15MHz QPSK RB1 0 CH26915

| | ectrum Analyzer - Sw | | | | | | | - 0 × |
|--|------------------------------|--|---------------------------------------|----------|------------------------|--|--------|------------------------------------|
| Center F | req 5.01500 | 00000 GHz | SENSE: | #Avg T | ALIGN AUTO ype: RMS | 02:29:50 PM May 1 TRACE 1 2 : TYPE M W | 3456 | Frequency |
| 10 dB/div | Ref Offset 14 Ref 30.00 (| | | | | Mkr3 4.857 0 -30.92 d | GHZ | Auto Tune |
| 20.0 10.0 | ¥1 | | | | | | | Center Free 5.015000000 GH: |
| -10.0 | | | 3_ | | | | 00 dDm | Start Free 30.000000 MH |
| 40.0 44.00 50.0 | | | | | | | | Stop Fre 10.000000000 GH |
| | 1.0 MHz | #V | 'BW 3.0 MHz | | | Span 9.970 16.62 ms (9971 | pts) | CF Ste 997.000000 MH Auto Ma |
| 1 N 1 2 N 1 3 N 1 4 5 6 7 8 | f | X 830 MHz 1.660 GHz 4.857 GHz | 26.65 dBm -36.14 dBm -30.92 dBm | FUNCTION | FUNCTION WIDTH | FUNCTION VALU | | Freq Offse 0 H |
| 9 10 11 1 | | | III. | | STAT | 2 | • | |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司

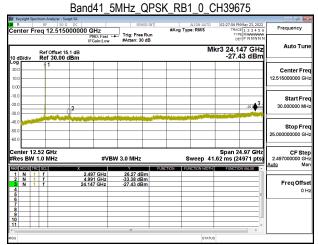
SGS Taiwan Ltd. t (886-2) 2299-3279

f (886-2) 2298-0488



Band26 15MHz QPSK RB1 0 CH26965

| arvg Type: RMS Trace Frequency Trig: Free Run Braint.low Auto Tun Colspan="2">Auto Tun Colspan="2">Colspan= Colspan= 200 Colspan= 200 Colspan= 200 Start Free 30.000000 Ri Storp Free 30.000000 Ri Colspan= 200 Span 9.070 GHz Storp Free 30.000000 Colspan= 200 | | ectrum Analyzer - Swept S | | | | | | | |
|---|--|---------------------------|----------------------|-------------------------|----------|-----------------------|----------|---------------|------------------------------|
| If Gain Low #Atten: 30 dB Cert Print 0 -26.66 dBm | R Center Fr | | 000 GHz | | #Avg Ty | ALIGN AUTO pe: RMS | TRAC | E 1 2 3 4 5 6 | |
| 000 000 <th>10 dB/div</th> <th></th> <th>IFGain:Low</th> <th>#Atten: 30 dB</th> <th>1</th> <th>N</th> <th>1kr3 2.4</th> <th>38 GHz</th> <th>Auto Tun</th> | 10 dB/div | | IFGain:Low | #Atten: 30 dB | 1 | N | 1kr3 2.4 | 38 GHz | Auto Tun |
| 000 33 100 330.000000 M 000 | 20.0 10.0 | 11 | | | | | | | Center Fre 5.015000000 GH |
| 0.0 | 20.0 | ^2 | Y | | | | | | |
| Res BW 1.0 MHz #VBW 3.0 MHz Sweep 16.62 ms (9971 pts) service s | 40.0 50.0 60.0 | | | | | | | | |
| Normalize Fill State V Enterior Participation Participation </td <td></td> <td></td> <td>#VB</td> <td>N 3.0 MHz</td> <td></td> <td>Sweep 1</td> <td></td> <td></td> <td>997.000000 M</td> | | | #VB | N 3.0 MHz | | Sweep 1 | | | 997.000000 M |
| | 1 N 1 2 N 1 3 N 1 4 5 6 7 8 | f | 835 MHz 1.669 GHz | 29.06 dBm -37.21 dBm | FUNCTION | NCTION WIDTH | FUNCTIO | | Freq Offs |

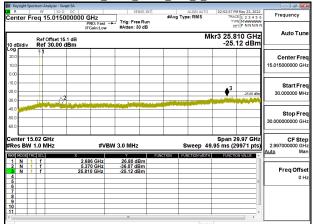


Band41 5MHz QPSK RB1 0 CH40620

| | 4 May 23, 2022 | 02:40:22.0 | ALIGN AUTO | _ | SE:INT | | | | nalyzer - Swi 50 Ω | pectrum A | | Key R |
|----------------------------------|--|------------|--------------|----------|--------|---------------------------------------|----------------------------|------------|-----------------------|-------------------|-------------|----------------------|
| Frequency | E123456 | TRAC | | #Avg Typ | | | GHz | 00000 | | | | |
| Auto Tu | 47 GHz 63 dBm | kr3 28.8 | М | | | #Atten: 30 | FGain:Low | ii 1 dB | Offset 15 30.00 (| | B/div | 0 dE |
| Center Fr 15.015000000 G | | | | | | | | | | *1 | | .0g 20.0 10.0 |
| Start Fr 30.000000 M | -25.0 dBm | | | | | | | | ² | | _ | 10.0 20.0 30.0 |
| Stop Fi 30.000000000 0 | | | | | | | | | 1. J. 1. 100 | | | 40.0 50.0 50.0 |
| CF St 2.997000000 (Auto M | nter 15.02 GHz Span 29.97 GHz es BW 1.0 MHz #VBW 3.0 MHz Sweep 49.95 ms (29971 pts) 20061 ftrej 201 x v revision 2 revisi | | | | | | | | Re | | | |
| Freq Off 0 | | FUNCTION | ICTION WIDTH | TION | m m | 27.79 dBr -33.91 dBr -25.63 dBr | 91 GHz 77 GHz 47 GHz | 5.1 | | 1 f 1 f 1 f | N N N | 1 |
| | • | | | | | 57 | | | | | | 8 9 10 11 |
| | | 5 | STATU | | | | | | | | | SG |

Report No.: TERF2204000399E2 Page: 156 of 237

Band41_5MHz_QPSK_RB1_0_CH41565



Band41 10MHz QPSK RB1 0 CH39700

| 📕 Keysight Spi | | | | | | | | | | | |
|-------------------------------------|--------------|------------------------|-----------------------|-------------------------|------------------------------------|--------|----------|------------|------------|-------------------------|-------------------------------|
| enter F | RF req 15 | 50 Q | | | | SE:INT | #Avg Typ | ALIGN AUTO | TRA | OE 1 2 3 4 5 6 | |
| 0 dB/div | | ffset 15.1 30.00 dl | IF(| NO:Fast ⊶ Sain:Low | #Atten: 30 | | | м | kr3 29. | 563 GHz 65 dBm | Auto Tun |
| 09 0.0 | X1 | | | | | | | | | | Center Fre 15.015000000 GH |
| 0.0 | | ⊘2 | | | | | | | | -25.00 d | Start Fre 30.000000 MH |
| 0.0 0.0 0.0 | | | | | | | | | | | Stop Fre 30.00000000 GH |
| enter 15 Res BW | 1.0 M | | × | #VB\ | W 3.0 MHz | FUE | | weep 49 |).95 ms (2 | 29.97 GHz 29971 pts) | |
| 1 N 1 2 N 1 3 N 1 4 5 6 | f f | | 2.49 4.99 29.56 | 7 GHz 6 GHz 3 GHz | 26.11 dB -33.89 dB -25.65 dB | m | | | | | Freq Offs 0 F |
| 7 8 9 0 | | | | | | | | | | | |
| 20 | | | | | m | | | STATU | e | • | |

Band41 10MHz QPSK RB1 0 CH40620

| 1900 DC 115000000 GHz PRO: Fast FGainLow FGainLow et 16.1 dB .00 dBm | #Atten: 30 dB | | (02:11:27 PM May 23, 02:0 TTOPE (12:34 5 TYPE (12:34 5 OEI (12:34 5 | Frequency |
|--|---------------------------------------|---|--|---|
| IFGain:Low iet 15.1 dB .00 dBm .00 dBm | #Atten: 30 dB | | Der P NNN Ikr3 29.564 GH -26.28 dBr | Auto Tuno Center Free 15.01500000 GH: Start Free |
| ^2 | | | | 15.015000000 GH: |
| | | | | |
| | | description of the second s | | |
| | | | | Stop Fre 30.000000000 GH |
| #VE | 3W 3.0 MHz | Sweep 49 | Span 29.97 GH 9.95 ms (29971 pts | |
| 2.589 GHz 5.174 GHz 29.564 GHz | 27.80 dBm -33.10 dBm -26.28 dBm | | | Freq Offse |
| | | | | |
| | | 29.564 GHz -26.28 dBm | 29.584 GHz26.28 dBm | |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司

SGS Taiwan Ltd. t (886-2) 2299-3279

f (886-2) 2298-0488



Band41_10MHz_QPSK_RB1_0_CH41540

| Keysight Spectrum Analyz | | | | | | | |
|---|---|---------------------------------------|----------------|---|-----------------------------|--|--|
| R RF Center Freq 15. | 50 Ω DC 015000000 GHz PNO: Fast | SENSE:INT | #Avg Type: RMS | 02:16:54 PM May 23, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWWW | Frequency | | |
| 0 dB/div Ref 30 | IFGain:Low set 15.1 dB 0.00 dBm | | М | kr3 28.815 GHz -25.79 dBm | Auto Tur | | |
| 09 × 1 20.0 10.0 | | | | | Center Fr 15.015000000 G | | |
| 80.0 | 2 | | | -25, 040n | Start Fr 30.000000 M | | |
| 0.0 0.0 0.0 | | | | | Stop Fr 30.000000000 G | | |
| enter 15.02 GHz Span 29.97 GHz Res BW 1.0 MHz #VBW 3.0 MHz Sweep 49.95 ms (29971 pts) | | | | | | | |
| MODE TRO SSU 1 N 1 f 2 N 1 f 3 N 1 f 4 - - - 5 - - - 6 - - - 7 - - - 9 - - - 10 - - - | X 2.681 GHz 5.363 GHz 28.815 GHz | 27.32 dBm -34.86 dBm -25.79 dBm | FUNCTION WOTH | FUNCTION VALUE | Freq Offs 0 | | |

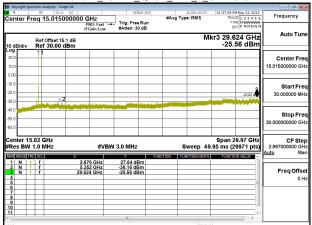
| | | Band41 1 | 5MHz QP | SK RB1 0 | CH39725 | |
|-------------|--------------------------------|---------------------------------------|-------------------------------------|------------------------------|---|-----------------|
| Keysight Sp | ictrum Analyzer - Sv | | | | 01100720 | 0 0 |
| R | RF 50 G | 2 DC | SENSE:INT | ALIGN AUTO #Avg Type: RMS | 12:00:32 PM May 23, 2022 TRACE 1 2 3 4 5 6 | Frequency |
| Jenter P | req 15.015 | 000000 GHz PNO: Fast IFGain:Low | Trig: Free Run #Atten: 30 dB | wavg Type, runs | TYPE MWWWW DET P NNNNN | |
| 10 dB/div | Ref Offset 1 Ref 30.00 | | | М | kr3 28.775 GHz -25.70 dBm | Auto Tun |
| -og | 1 | | | | | |
| 20.0 | | + | | | | Center Fre |
| 10.0 | | | | | | 15.015000000 GH |
| 0.00 | | + + | | | | |
| 10.0 | | + + | | | | Start Fre |
| 20.0 | ~2 | | | | -25 dBn | 30.000000 MH |
| 0.0 | 2 A | | and the second second second second | | the second second second second | |
| 40.0 | Constant and the second second | | | | | Stop Fre |
| 50.0 | | | | | | 30.00000000 GH |
| 50.0 | | | | | | 00.000000000 |
| enter 1 | .02 GHz | | | | Span 29.97 GHz | CF Ste |
| | 1.0 MHz | #V! | BW 3.0 MHz | Sweep 49 | .95 ms (29971 pts) | 2.997000000 GH |
| IKR MODE T | IC SCL | × | Y | FUNCTION FUNCTION WIDTH | FUNCTION VALUE | <u>Auto</u> Ma |
| 1 N 1 | f | 2.497 GHz 4.995 GHz | 27.90 dBm -33.96 dBm | | | |
| 3 N 1 | | 28.775 GHz | -25.70 dBm | | | Freq Offs |
| 4 | | | | | | 0 H |
| 6 | | | | | | |
| 8 | | | | | | |
| 9 | | | | | | |
| 11 | | | | | • | |
| < [| | | 87 | STATU | • | |

Band41 15MHz QPSK RB1 0 CH40620

| 🐹 Keysight Spectrum Analyzer - Swep | | | | | - d 💌 |
|---|---|---|-----------------------|---|-------------------------------|
| Center Freq 15.01500 | | SENSE:INT | #Avg Type: RMS | 01:14:53 PM May 23, 2022 TRACE 1 2 3 4 5 6 TYPE M WWWWW | Frequency |
| Ref Offset 15.' 10 dB/div Ref 30.00 d | | #Atten: 30 dB | М | kr3 26.044 GHz -25.49 dBm | Auto Tun |
| 20.0 × 1 10.0 0.00 | | | | | Center Fre 15.015000000 GH |
| -10.0 -20.0 -30.0 | a such a such as had as | | | 3 -25.00 d⊟n | Start Fre 30.000000 MH |
| -40.0 | | | | | Stop Fre 30.00000000 GH |
| Center 15.02 GHz #Res BW 1.0 MHz | CF Ste 2.997000000 GI Auto Mi | | | | |
| Marge House Hause F 1 N 1 f 2 N 1 f 3 N 1 f 4 - - - 5 - - - 6 - - - 7 - - - 9 - - - | X 2.587 GHz 5.173 GHz 26.044 GHz | Y FU 27.74 dBm -33.33 dBm -25.49 dBm | NCTION FUNCTION WIDTH | | Freq Offs 0 F |
| 9 10 11 4 MSG | | 17 | STATU | s | |

Report No.: TERF2204000399E2 Page: 157 of 237

Band41_15MHz_QPSK_RB1_0_CH41515



Band41 20MHz QPSK RB1 0 CH39750

| 📕 Keysight Spi | | | | | | | | | | | |
|-----------------------------------|-------------|-----------------------|---------------|-------------------------|------------------------------------|----------|---------|------------|------------|--|-------------------------------------|
| Center F | RF req 1 | 5.0150 | | | | ISE:INT | #Avg Ty | ALIGN AUTO | TRA | AM May 23, 2022 CE 1 2 3 4 5 6 (PE M WWWWW | Frequency |
| 0 dB/div | |)ffset 15. 30.00 d | iFC 1 dB | 4O:Fast ← Sain:Low | #Atten: 3 | | | м | kr3 29. | 266 GHz | Auto Tun |
| og 20.0 10.0 | 01 | | | | | | | | | | Center Fre 15.015000000 GH |
| 0.0 | | ² | an of a black | | | | | | | -25.00 3 | Start Fre 30.000000 MH |
| | | | | | | | | | | | Stop Fre 30.00000000 GH |
| enter 15 Res BW | 1.0 M | | × | #VB | W 3.0 MHz | | | weep 49 | 9.95 ms (2 | 29.97 GHz 29971 pts) | CF Ste 2.997000000 GH Auto Ma |
| 1 N 1 2 N 1 3 N 1 4 5 | f | | 2.49 | 7 GHz 0 GHz 6 GHz | 19.26 dE -34.85 dE -26.18 dE | 3m 3m | | | | | Freq Offs 0 H |
| 6 7 8 9 0 | | | | | | | | | | | |
| | | | | | Ш | | | etati | -1 | - · · | |

Band41 20MHz QPSK RB1 0 CH40620

| | ectrum Analyzer - Sw | | | | | |
|--|------------------------------|---|---------------------------------------|-------------------------|--|-------------------------------------|
| Center F | req 15.0150 | 000000 GHz | SENSE:INT | #Avg Type: RMS | 12:02:52 PM May 23, 2022 TRACE 1 2 3 4 5 6 TYPE MWWWWW | Frequency |
| 10 dB/div | Ref Offset 15 Ref 30.00 (| | #Atten: 30 dB | М | kr3 28.767 GHz -25.23 dBm | Auto Tune |
| 20.0 10.0 | | | | | | Center Fre 15.015000000 GH |
| 20.0 | | | | | -25 3 -25 3 dBn | Start Fre 30.000000 MH |
| 40.0 50.0 60.0 | | | | | | Stop Fre 30.000000000 GH |
| Res BW | 5.02 GHz 1.0 MHz | #VE | SW 3.0 MHz | | Span 29.97 GHz 9.95 ms (29971 pts) | CF Ste 2.997000000 GH Auto Ma |
| 1 N 2 N 3 N 4 5 6 7 8 | f | X 2.587 GHz 5.169 GHz 28.767 GHz | 20.84 dBm -33.84 dBm -25.23 dBm | FUNCTION FUNCTION WIDTH | FUNCTION VALUE | Freq Offs 0 ⊦ |
| 9 10 11 | | | 10 | STATU | • • | |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. SGS Taiwan Ltd.

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488



Band41 20MHz QPSK RB1 0 CH41490

| | PNO: Fast IFGaint.ow .00 dBm | SENSE: INT | | 113:433 JM My 72, 2022 TROCE 12:3 4:5 6 TROCE | Frequency Auto Tune Center Freq 15.015000000 GHz Start Freq 30.000000 MHz |
|---|--------------------------------------|---------------------------------------|--------------------------------|---|--|
| 10 dB/div Ref Offs 10 dB/div Ref 30 200 0 000 0 | PNO: Fast IFGaint.ow .00 dBm | #Atten: 30 dB | | kr3 25.627 GHz -25.98 dBm | Center Frec 15.015000000 GH2 Start Frec |
| Log 1 200 1 100 0 100 0 10 | | | | -25.00 dBn | 15.015000000 GH2 Start Fred |
| -10.0 -20.0 -30.0 -40.0 -50.0 -60.0 | | | | -25.00 dBn | |
| -50.0 -50.0 -60.0 Center 15.02 GHz | | | And a substantial data and the | · · · · · · | |
| | | | | | Stop Fre 30.000000000 GH |
| MKR MODE TRC SCL | | BW 3.0 MHz | Sweep 49 | Span 29.97 GHz 9.95 ms (29971 pts) EUXEDON/WOULD - | CF Ste 2.997000000 GH Auto Ma |
| 1 N 1 f 2 N 1 f 3 N 1 f 4 5 - - 6 - - - 7 - - 8 - | 2.671 GHz 5.344 GHz 25.627 GHz | 16.54 dBm -35.42 dBm -25.98 dBm | | FORCHOW 7/LOL | Freq Offse 0 H |
| 9 10 11 4 | | 87. | STATUS | • | |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測试之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 SGS Taiwan Ltd.



10 FIELD STRENGTH OF SPURIOUS RADIATION MEASUREMENT

10.1 Standard Applicable

According to FCC §2.1053,

FCC §22.917(a), §24.238(a), §27.53(h), §90.543(e)(3)

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(g)

Compliance for operations in the 600 MHz, 698-746 MHz, 746-758 MHz and the 776-788 MHz band with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kilohertz or greater. However, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed.

- (2) On any frequency outside the 776-788 MHz band, the power of any emission shall be attenuated outside the band below the transmitter power (P) by at least 43 + 10 log (P) dB;
- (3) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 76 + 10 log (P) dB in a 6.25 kHz band segment, for base and fixed stations;
- (4) On all frequencies between 763-775 MHz and 793-805 MHz, by a factor not less than 65 + 10 log (P) dB in a 6.25 kHz band segment, for mobile and portable stations;

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 log₁₀ (P) dB.

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

www.sgs.com.tw

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。



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.

FCC §90.691 Emission mask requirements for EA-based systems

(a) Out-of-band emission requirement shall apply only to the "outer" channels included in an EA license and to spectrum adjacent to interior channels used by incumbent licensees. The emission limits are as follows:

(1) For any frequency removed from the EA licensee's frequency block by up to and including 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 116 Log10(f/6.1) decibels or 50 + 10 Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 12.5 kHz.

(2) For any frequency removed from the EA licensee's frequency block greater than 37.5 kHz, the power of any emission shall be attenuated below the transmitter power (P) in watts by at least 43 + 10Log10(P) decibels or 80 decibels, whichever is the lesser attenuation, where f is the frequency removed from the center of the outer channel in the block in kilohertz and where f is greater than 37.5 kHz.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製

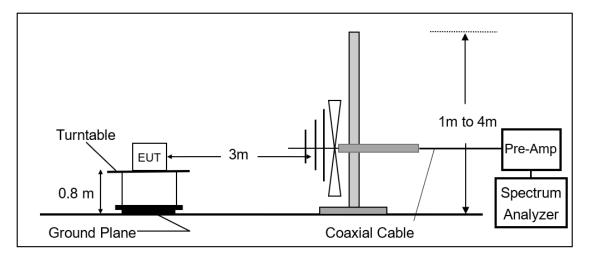
SGS Taiwan Ltd.

www.sgs.com.tw

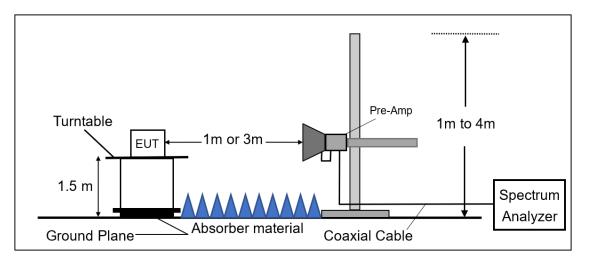


10.2 EUT Setup

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



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



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



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)

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製



Margin

dB

-38.29 -34.30 -32.86 -27.64-25.78-22.09-40.24 -33.15



10.4 **Measurement Result:**

| Report Number Operation Mode Test Mode EUT Pol Test Frequency | e :LTE B2 :Tx CH LOV :E1 Plane | | - | Date :202 ./Humi. :21.7 nna Pol. :Vert | 2-06-10 7/70 |
|---|--|--|---|---|--|
| 80 Level (dBm 70 50 30 10 -10 -30 -50 -70 -90 30 | 1/m) | 8018. Frequence | 12012. y (MHz) | 16006. | 20000 |
| Freq. MHz | EIRP/ERP dBm | SG Output Level dBm | Antenna Gain dBi/dBd | Cable Loss dB | Limit dBm |
| 60.070 186.170 396.660 552.830 727.430 988.360 3720.000 5580.000 | -51.29 -47.30 -45.86 -40.64 -38.78 -35.09 -53.24 -46.15 | -39.18 -46.96 -47.17 -41.76 -38.05 -34.50 -55.89 -47.78 | -9.56 2.59 4.29 4.22 3.15 3.96 12.16 13.30 | -2.55 -2.93 -2.98 -3.10 -3.88 -4.55 -9.51 -11.67 | -13.00 -13.00 -13.00 -13.00 -13.00 -13.00 -13.00 -13.00 |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 SGS Taiwan Ltd.



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B2 |
| Test Mode | :Tx CH LOW |
| EUT Pol | :E1 Plane |
| Test Frequency | :1860 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



| | | | Frequency | (MHZ) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 35.820 | -44.38 | -28.28 | -13.69 | -2.41 | -13.00 | -31.38 |
| | 154.160 | -50.68 | -46.45 | -1.41 | -2.82 | -13.00 | -37.68 |
| | 414.120 | -46.20 | -47.58 | 4.34 | -2.96 | -13.00 | -33.20 |
| | 551.860 | -43.68 | -44.80 | 4.20 | -3.08 | -13.00 | -30.68 |
| | 793.390 | -39.30 | -39.63 | 3.82 | -3.49 | -13.00 | -26.30 |
| | 950.530 | -37.70 | -37.07 | 3.80 | -4.43 | -13.00 | -24.70 |
| | 3720.000 | -53.53 | -56.18 | 12.16 | -9.51 | -13.00 | -40.53 |
| | 5580.000 | -47.15 | -48.78 | 13.30 | -11.67 | -13.00 | -34.15 |
| | | | | | | | |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

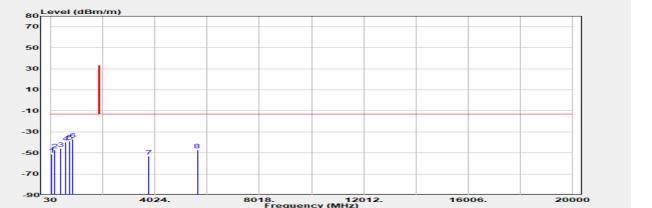
t (886-2) 2299-3279

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



| Report Number | :TERF2204000399E2 | | |
|-----------------------|-------------------|--|--|
| Operation Mode | :LTE B2 | | |
| Test Mode | :Tx CH MID | | |
| EUT Pol | :E1 Plane | | |
| Test Frequency | :1880 MHz | | |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| | | | Frequency | (MHZ) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| - | | | | | | | |
| | 60.070 | -51.29 | -39.18 | -9.56 | -2.55 | -13.00 | -38.29 |
| | 186.170 | -47.30 | -46.96 | 2.59 | -2.93 | -13.00 | -34.30 |
| | 396.660 | -45.86 | -47.17 | 4.29 | -2.98 | -13.00 | -32.86 |
| | 603.270 | -39.99 | -40.78 | 3.61 | -2.82 | -13.00 | -26.99 |
| | 727.430 | -38.78 | -38.05 | 3.15 | -3.88 | -13.00 | -25.78 |
| | 849.650 | -36.98 | -37.84 | 4.65 | -3.79 | -13.00 | -23.98 |
| | 3760.000 | -53.09 | -55.76 | 12.10 | -9.43 | -13.00 | -40.09 |
| | 5640.000 | -47.26 | -49.04 | 13.46 | -11.68 | -13.00 | -34.26 |
| | | | | | | | |

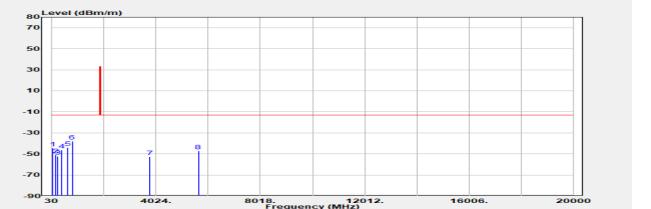
除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. SGS Taiwan Ltd.



| Report Number | :TERF2204000399E2 | | |
|-----------------------|-------------------|--|--|
| Operation Mode | :LTE B2 | | |
| Test Mode | :Tx CH MID | | |
| EUT Pol | :E1 Plane | | |
| Test Frequency | :1880 MHz | | |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



| | | | Frequency | (MHZ) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 35.820 | -44.38 | -28.28 | -13.69 | -2.41 | -13.00 | -31.38 |
| | 154.160 | -50.68 | -46.45 | -1.41 | -2.82 | -13.00 | -37.68 |
| | 244.370 | -52.26 | -53.54 | 4.34 | -3.06 | -13.00 | -39.26 |
| | 414.120 | -46.20 | -47.58 | 4.34 | -2.96 | -13.00 | -33.20 |
| | 634.310 | -43.83 | -43.68 | 3.42 | -3.57 | -13.00 | -30.83 |
| | 803.090 | -37.98 | -38.48 | 4.12 | -3.62 | -13.00 | -24.98 |
| | 3760.000 | -52.83 | -55.50 | 12.10 | -9.43 | -13.00 | -39.83 |
| | 5640.000 | -47.03 | -48.81 | 13.46 | -11.68 | -13.00 | -34.03 |
| | | | | | | | |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. SGS Taiwan Ltd.



| Report Number | :TERF2204000399E2 |
|----------------|-------------------|
| Operation Mode | :LTE B2 |
| Test Mode | :Tx CH HIGH |
| EUT Pol | :E1 Plane |
| Test Frequency | :1900 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



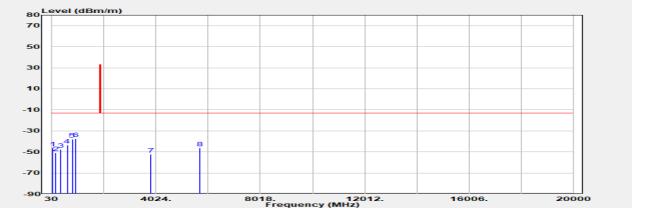
| | | Frequency | (MHZ) | | | |
|----------|----------|--------------------|-----------------|---------------|--------|--------|
| Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | |
| 141.550 | -49.77 | -45.07 | -1.93 | -2.77 | -13.00 | -36.77 |
| 251.160 | -46.75 | -47.95 | 4.31 | -3.11 | -13.00 | -33.75 |
| 472.320 | -44.90 | -46.01 | 4.14 | -3.03 | -13.00 | -31.90 |
| 603.270 | -39.99 | -40.78 | 3.61 | -2.82 | -13.00 | -26.99 |
| 727.430 | -38.78 | -38.05 | 3.15 | -3.88 | -13.00 | -25.78 |
| 849.650 | -36.98 | -37.84 | 4.65 | -3.79 | -13.00 | -23.98 |
| 3800.000 | -52.30 | -54.83 | 12.10 | -9.57 | -13.00 | -39.30 |
| 5700.000 | -47.27 | -48.97 | 13.40 | -11.70 | -13.00 | -34.27 |
| | | | | | | |

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. SGS Taiwan Ltd.



| Report Number | :TERF2204000399E2 | ٦ |
|-----------------------|-------------------|---|
| Operation Mode | :LTE B2 | ٦ |
| Test Mode | :Tx CH HIGH | ٦ |
| EUT Pol | :E1 Plane | ŀ |
| Test Frequency | :1900 MHz | E |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 50.370 | -46.09 | -31.80 | -11.82 | -2.47 | -13.00 | -33.09 |
| | 154.160 | -50.68 | -46.45 | -1.41 | -2.82 | -13.00 | -37.68 |
| | 376.290 | -47.44 | -48.85 | 4.35 | -2.94 | -13.00 | -34.44 |
| | 610.060 | -43.53 | -44.20 | 3.47 | -2.80 | -13.00 | -30.53 |
| | 803.090 | -37.98 | -38.48 | 4.12 | -3.62 | -13.00 | -24.98 |
| | 950.530 | -37.70 | -37.07 | 3.80 | -4.43 | -13.00 | -24.70 |
| | 3800.000 | -52.10 | -54.63 | 12.10 | -9.57 | -13.00 | -39.10 |
| | 5700.000 | -46.04 | -47.74 | 13.40 | -11.70 | -13.00 | -33.04 |
| | | | | | | | |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

t (886-2) 2299-3279

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 SGS Taiwan Ltd.



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B4 |
| Test Mode | :Tx CH LOW |
| EUT Pol | :E1 Plane |
| Test Frequency | :1720 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| | | | Frequency | (IVIHZ) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 60.070 | -51.29 | -39.18 | -9.56 | -2.55 | -13.00 | -38.29 |
| | 186.170 | -47.30 | -46.96 | 2.59 | -2.93 | -13.00 | -34.30 |
| | 356.890 | -47.39 | -48.69 | 4.47 | -3.17 | -13.00 | -34.39 |
| | 472.320 | -44.90 | -46.01 | 4.14 | -3.03 | -13.00 | -31.90 |
| | 552.830 | -40.64 | -41.76 | 4.22 | -3.10 | -13.00 | -27.64 |
| | 679.900 | -39.39 | -39.78 | 3.81 | -3.42 | -13.00 | -26.39 |
| | 3440.000 | -50.11 | -53.46 | 12.42 | -9.07 | -13.00 | -37.11 |
| | 5160.000 | -46.90 | -48.41 | 12.58 | -11.07 | -13.00 | -33.90 |
| | | | | | | | |

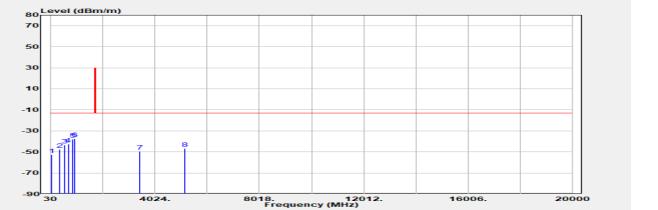
除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 SGS Taiwan Ltd.



| Report Number | :TERF2204000399E2 | | |
|-----------------------|-------------------|--|--|
| Operation Mode | :LTE B4 | | |
| Test Mode | :Tx CH LOW | | |
| EUT Pol | :E1 Plane | | |
| Test Frequency | :1720 MHz | | |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 65.890 | -52.63 | -42.22 | -7.81 | -2.60 | -13.00 | -39.63 |
| | 361.740 | -47.77 | -49.09 | 4.46 | -3.14 | -13.00 | -34.77 |
| | 551.860 | -43.68 | -44.80 | 4.20 | -3.08 | -13.00 | -30.68 |
| | 687.660 | -42.57 | -43.12 | 3.75 | -3.20 | -13.00 | -29.57 |
| | 857.410 | -38.14 | -38.80 | 4.58 | -3.92 | -13.00 | -25.14 |
| | 950.530 | -37.70 | -37.07 | 3.80 | -4.43 | -13.00 | -24.70 |
| | 3440.000 | -49.24 | -52.59 | 12.42 | -9.07 | -13.00 | -36.24 |
| | 5160.000 | -46.88 | -48.39 | 12.58 | -11.07 | -13.00 | -33.88 |
| | | | | | | | |

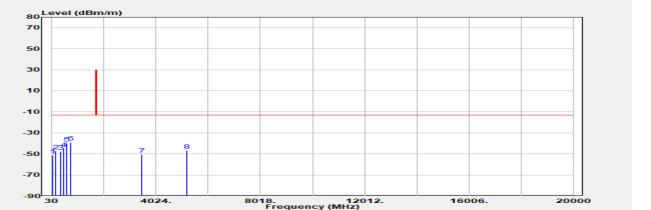
除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. SGS Taiwan Ltd.



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B4 |
| Test Mode | :Tx CH MID |
| EUT Pol | :E1 Plane |
| Test Frequency | :1732.5 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| | | | Frequency | (MHZ) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 60.070 | -51.29 | -39.18 | -9.56 | -2.55 | -13.00 | -38.29 |
| | 186.170 | -47.30 | -46.96 | 2.59 | -2.93 | -13.00 | -34.30 |
| | 356.890 | -47.39 | -48.69 | 4.47 | -3.17 | -13.00 | -34.39 |
| | 472.320 | -44.90 | -46.01 | 4.14 | -3.03 | -13.00 | -31.90 |
| | 603.270 | -39.99 | -40.78 | 3.61 | -2.82 | -13.00 | -26.99 |
| | 727.430 | -38.78 | -38.05 | 3.15 | -3.88 | -13.00 | -25.78 |
| | 3465.000 | -50.23 | -53.40 | 12.34 | -9.17 | -13.00 | -37.23 |
| | 5197.500 | -46.72 | -48.43 | 12.88 | -11.17 | -13.00 | -33.72 |
| | | | | | | | |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

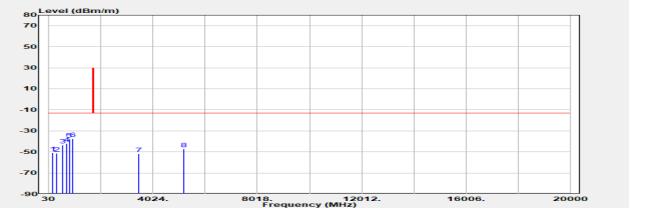
除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B4 |
| Test Mode | :Tx CH MID |
| EUT Pol | :E1 Plane |
| Test Frequency | :1732.5 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 154.160 | -50.68 | -46.45 | -1.41 | -2.82 | -13.00 | -37.68 |
| | 317.120 | -51.49 | -52.41 | 4.14 | -3.22 | -13.00 | -38.49 |
| | 551.860 | -43.68 | -44.80 | 4.20 | -3.08 | -13.00 | -30.68 |
| | 706.090 | -42.08 | -42.22 | 3.49 | -3.35 | -13.00 | -29.08 |
| | 803.090 | -37.98 | -38.48 | 4.12 | -3.62 | -13.00 | -24.98 |
| | 950.530 | -37.70 | -37.07 | 3.80 | -4.43 | -13.00 | -24.70 |
| | 3465.000 | -51.85 | -55.02 | 12.34 | -9.17 | -13.00 | -38.85 |
| | 5197.500 | -47.02 | -48.73 | 12.88 | -11.17 | -13.00 | -34.02 |
| | | | | | | | |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. SGS Taiwan Ltd.

```
No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號
                                                                          www.sgs.com.tw
```



| Report Number | :TERF2204000399E2 |
|----------------|-------------------|
| Operation Mode | :LTE B4 |
| Test Mode | :Tx CH HIGH |
| EUT Pol | :E1 Plane |
| Test Frequency | :1745 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| | | | Frequency | (MHZ) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 60.070 | -51.29 | -39.18 | -9.56 | -2.55 | -13.00 | -38.29 |
| | 161.920 | -47.40 | -43.55 | -1.05 | -2.80 | -13.00 | -34.40 |
| | 443.220 | -45.34 | -46.72 | 4.09 | -2.71 | -13.00 | -32.34 |
| | 552.830 | -40.64 | -41.76 | 4.22 | -3.10 | -13.00 | -27.64 |
| | 679.900 | -39.39 | -39.78 | 3.81 | -3.42 | -13.00 | -26.39 |
| | 849.650 | -36.98 | -37.84 | 4.65 | -3.79 | -13.00 | -23.98 |
| | 3490.000 | -50.84 | -53.93 | 12.24 | -9.15 | -13.00 | -37.84 |
| | 5235.000 | -46.60 | -48.55 | 13.18 | -11.23 | -13.00 | -33.60 |
| | | | | | | | |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

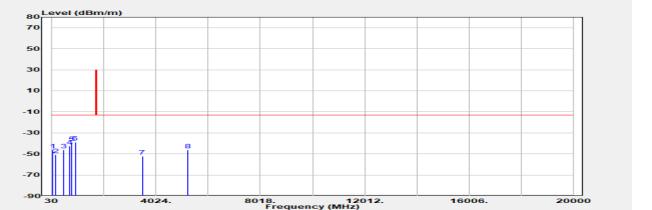
除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. SGS Taiwan Ltd.

f (886-2) 2298-0488



| Report Number | :TERF2204000399E2 |
|----------------|-------------------|
| Operation Mode | :LTE B4 |
| Test Mode | :Tx CH HIGH |
| EUT Pol | :E1 Plane |
| Test Frequency | :1745 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



| | | | Frequency | (MHZ) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 50.370 | -46.09 | -31.80 | -11.82 | -2.47 | -13.00 | -33.09 |
| | 154.160 | -50.68 | -46.45 | -1.41 | -2.82 | -13.00 | -37.68 |
| | 462.620 | -46.11 | -47.42 | 4.11 | -2.80 | -13.00 | -33.11 |
| | 723.550 | -42.70 | -42.18 | 3.27 | -3.79 | -13.00 | -29.70 |
| | 793.390 | -39.30 | -39.63 | 3.82 | -3.49 | -13.00 | -26.30 |
| | 917.550 | -38.77 | -38.04 | 3.71 | -4.44 | -13.00 | -25.77 |
| | 3490.000 | -52.06 | -55.15 | 12.24 | -9.15 | -13.00 | -39.06 |
| | 5235.000 | -46.06 | -48.01 | 13.18 | -11.23 | -13.00 | -33.06 |
| | | | | | | | |

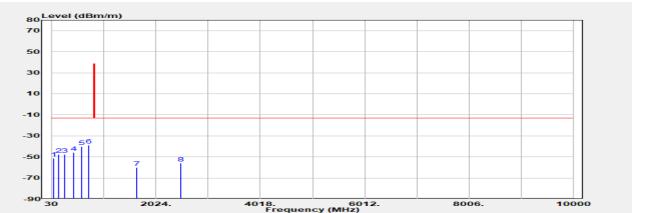
除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

```
No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號
                              f (886-2) 2298-0488
```



| Report Number | :TERF2204000399E2 |
|----------------|-------------------|
| Operation Mode | :LTE B5 |
| Test Mode | :Tx CH LOW |
| EUT Pol | :E1 Plane |
| Test Frequency | :829 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| | | Frequency | (IVIHZ) | | | |
|----------|----------|--------------------|-----------------|---------------|--------|--------|
| Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | |
| 60.070 | -51.29 | -39.18 | -9.56 | -2.55 | -13.00 | -38.29 |
| 161.920 | -47.40 | -43.55 | -1.05 | -2.80 | -13.00 | -34.40 |
| 270.560 | -47.81 | -48.78 | 4.07 | -3.10 | -13.00 | -34.81 |
| 440.310 | -45.64 | -46.93 | 4.04 | -2.75 | -13.00 | -32.64 |
| 593.570 | -40.24 | -40.98 | 3.76 | -3.02 | -13.00 | -27.24 |
| 727.430 | -38.78 | -38.05 | 3.15 | -3.88 | -13.00 | -25.78 |
| 1658.000 | -59.88 | -63.03 | 9.40 | -6.25 | -13.00 | -46.88 |
| 2487.000 | -55.81 | -58.60 | 10.42 | -7.63 | -13.00 | -42.81 |
| | | | | | | |

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

```
No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號
                                                                          www.sgs.com.tw
```



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B5 |
| Test Mode | :Tx CH LOW |
| EUT Pol | :E1 Plane |
| Test Frequency | :829 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



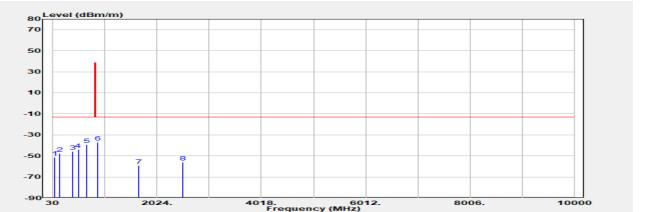
| | | | Frequency | (MHZ) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 50.370 | -46.09 | -31.80 | -11.82 | -2.47 | -13.00 | -33.09 |
| | 143.490 | -52.62 | -47.89 | -1.95 | -2.78 | -13.00 | -39.62 |
| | 286.080 | -52.78 | -53.75 | 4.05 | -3.08 | -13.00 | -39.78 |
| | 462.620 | -46.11 | -47.42 | 4.11 | -2.80 | -13.00 | -33.11 |
| | 561.560 | -45.24 | -46.16 | 4.18 | -3.26 | -13.00 | -32.24 |
| | 757.500 | -42.25 | -41.74 | 2.95 | -3.46 | -13.00 | -29.25 |
| | 1658.000 | -59.46 | -62.61 | 9.40 | -6.25 | -13.00 | -46.46 |
| | 2487.000 | -55.41 | -58.20 | 10.42 | -7.63 | -13.00 | -42.41 |
| | | | | | | | |

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



| Report Number | :TERF2204000399E2 | | |
|-----------------------|-------------------|--|--|
| Operation Mode | :LTE B5 | | |
| Test Mode | :Tx CH MID | | |
| EUT Pol | :E1 Plane | | |
| Test Frequency | :836.5 MHz | | |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| | | | Frequency | (IVIHZ) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| - | | | | | | | |
| | 60.070 | -51.29 | -39.18 | -9.56 | -2.55 | -13.00 | -38.29 |
| | 161.920 | -47.40 | -43.55 | -1.05 | -2.80 | -13.00 | -34.40 |
| | 400.540 | -45.94 | -47.18 | 4.30 | -3.06 | -13.00 | -32.94 |
| | 511.120 | -43.97 | -45.24 | 4.11 | -2.84 | -13.00 | -30.97 |
| | 679.900 | -39.39 | -39.78 | 3.81 | -3.42 | -13.00 | -26.39 |
| | 888.450 | -36.99 | -36.96 | 4.47 | -4.50 | -13.00 | -23.99 |
| | 1673.000 | -59.04 | -62.15 | 9.40 | -6.29 | -13.00 | -46.04 |
| | 2509.500 | -55.72 | -58.64 | 10.58 | -7.66 | -13.00 | -42.72 |
| | | | | | | | |

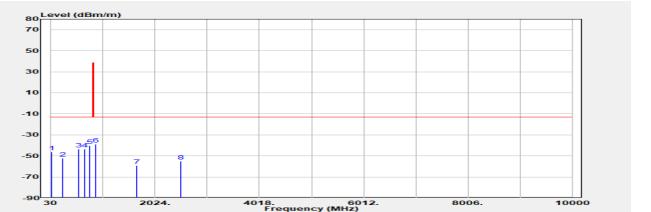
除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. SGS Taiwan Ltd.



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B5 |
| Test Mode | :Tx CH MID |
| EUT Pol | :E1 Plane |
| Test Frequency | :836.5 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



| | | | requeitcy | (1112) | | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|--|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin | |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB | |
| | | | | | | | | |
| | 50.370 | -46.09 | -31.80 | -11.82 | -2.47 | -13.00 | -33.09 | |
| | 244.370 | -52.26 | -53.54 | 4.34 | -3.06 | -13.00 | -39.26 | |
| | 551.860 | -43.68 | -44.80 | 4.20 | -3.08 | -13.00 | -30.68 | |
| | 672.140 | -43.30 | -43.47 | 3.75 | -3.58 | -13.00 | -30.30 | |
| | 773.020 | -40.41 | -40.22 | 3.13 | -3.32 | -13.00 | -27.41 | |
| | 882.630 | -38.79 | -38.89 | 4.48 | -4.38 | -13.00 | -25.79 | |
| | 1673.000 | -59.28 | -62.39 | 9.40 | -6.29 | -13.00 | -46.28 | |
| | 2509.500 | -55.19 | -58.11 | 10.58 | -7.66 | -13.00 | -42.19 | |
| | | | | | | | | |

t (886-2) 2299-3279

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

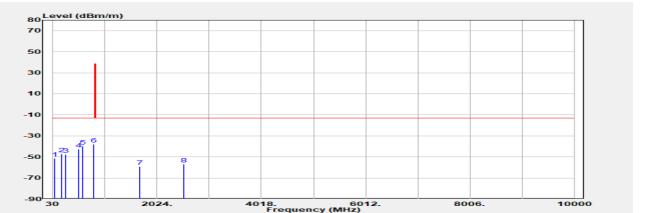
SGS Taiwan Ltd.

f (886-2) 2298-0488



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B5 |
| Test Mode | :Tx CH HIGH |
| EUT Pol | :E1 Plane |
| Test Frequency | :844 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| | | | Frequency | (MHZ) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 60.070 | -51.29 | -39.18 | -9.56 | -2.55 | -13.00 | -38.29 |
| | 186.170 | -47.30 | -46.96 | 2.59 | -2.93 | -13.00 | -34.30 |
| | 270.560 | -47.81 | -48.78 | 4.07 | -3.10 | -13.00 | -34.81 |
| | 525.670 | -42.72 | -44.18 | 4.16 | -2.70 | -13.00 | -29.72 |
| | 603.270 | -39.99 | -40.78 | 3.61 | -2.82 | -13.00 | -26.99 |
| | 804.060 | -37.73 | -38.25 | 4.15 | -3.63 | -13.00 | -24.73 |
| | 1688.000 | -58.99 | -62.08 | 9.40 | -6.31 | -13.00 | -45.99 |
| | 2532.000 | -56.76 | -59.80 | 10.76 | -7.72 | -13.00 | -43.76 |
| | | | | | | | |

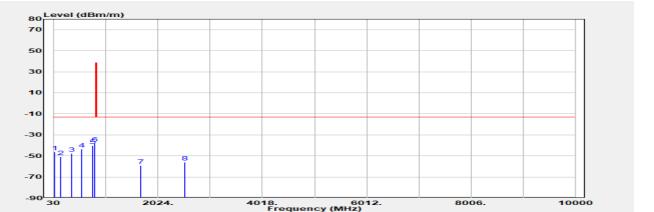
除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

```
No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號
                              f (886-2) 2298-0488
```



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B5 |
| Test Mode | :Tx CH HIGH |
| EUT Pol | :E1 Plane |
| Test Frequency | :844 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 50.370 | -46.09 | -31.80 | -11.82 | -2.47 | -13.00 | -33.09 |
| | 154.160 | -50.68 | -46.45 | -1.41 | -2.82 | -13.00 | -37.68 |
| | 361.740 | -47.77 | -49.09 | 4.46 | -3.14 | -13.00 | -34.77 |
| | 551.860 | -43.68 | -44.80 | 4.20 | -3.08 | -13.00 | -30.68 |
| | 773.020 | -40.41 | -40.22 | 3.13 | -3.32 | -13.00 | -27.41 |
| | 803.090 | -37.98 | -38.48 | 4.12 | -3.62 | -13.00 | -24.98 |
| | 1688.000 | -58.97 | -62.06 | 9.40 | -6.31 | -13.00 | -45.97 |
| | 2532.000 | -55.94 | -58.98 | 10.76 | -7.72 | -13.00 | -42.94 |
| | | | | | | | |

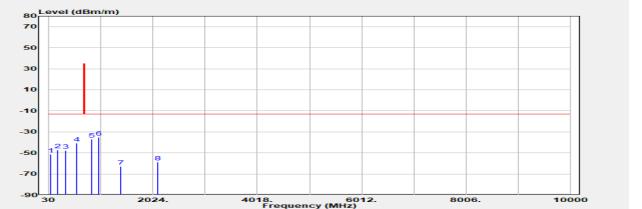
除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

```
f (886-2) 2298-0488
```



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B12 |
| Test Mode | :Tx CH LOW |
| EUT Pol | :E1 Plane |
| Test Frequency | :704 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
|----------|----------|--------------------|-----------------|---------------|--------|--------|
| MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | |
| 60.070 | -51.29 | -39.18 | -9.56 | -2.55 | -13.00 | -38.29 |
| 186.170 | -47.30 | -46.96 | 2.59 | -2.93 | -13.00 | -34.30 |
| 356.890 | -47.39 | -48.69 | 4.47 | -3.17 | -13.00 | -34.39 |
| 552.830 | -40.64 | -41.76 | 4.22 | -3.10 | -13.00 | -27.64 |
| 849.650 | -36.98 | -37.84 | 4.65 | -3.79 | -13.00 | -23.98 |
| 988.360 | -35.09 | -34.50 | 3.96 | -4.55 | -13.00 | -22.09 |
| 1408.000 | -62.73 | -64.05 | 7.08 | -5.76 | -13.00 | -49.73 |
| 2112.000 | -58.55 | -61.02 | 9.55 | -7.08 | -13.00 | -45.55 |
| | | | | | | |

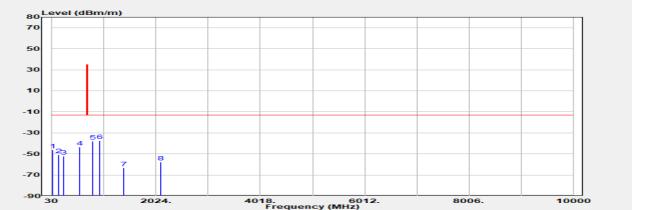
除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B12 |
| Test Mode | :Tx CH LOW |
| EUT Pol | :E1 Plane |
| Test Frequency | :704 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



| Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
|----------|----------|--------------------|-----------------|---------------|--------|--------|
| MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | |
| 50.370 | -46.09 | -31.80 | -11.82 | -2.47 | -13.00 | -33.09 |
| 154.160 | -50.68 | -46.45 | -1.41 | -2.82 | -13.00 | -37.68 |
| 244.370 | -52.26 | -53.54 | 4.34 | -3.06 | -13.00 | -39.26 |
| 551.860 | -43.68 | -44.80 | 4.20 | -3.08 | -13.00 | -30.68 |
| 803.090 | -37.98 | -38.48 | 4.12 | -3.62 | -13.00 | -24.98 |
| 950.530 | -37.70 | -37.07 | 3.80 | -4.43 | -13.00 | -24.70 |
| 1408.000 | -63.08 | -64.40 | 7.08 | -5.76 | -13.00 | -50.08 |
| 2112.000 | -57.76 | -60.23 | 9.55 | -7.08 | -13.00 | -44.76 |
| | | | | | | |

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司

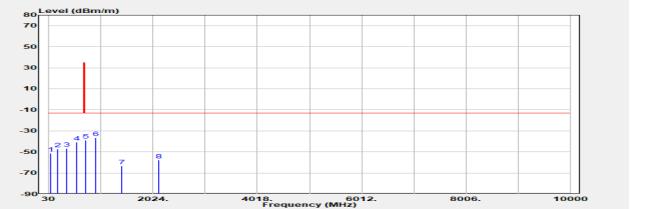
SGS Taiwan Ltd.

t (886-2) 2299-3279 f (886-2) 2298-0488



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B12 |
| Test Mode | :Tx CH MID |
| EUT Pol | :E1 Plane |
| Test Frequency | :707.5 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 60.070 | -51.29 | -39.18 | -9.56 | -2.55 | -13.00 | -38.29 |
| | 186.170 | -47.30 | -46.96 | 2.59 | -2.93 | -13.00 | -34.30 |
| | 376.290 | -46.73 | -48.14 | 4.35 | -2.94 | -13.00 | -33.73 |
| | 552.830 | -40.64 | -41.76 | 4.22 | -3.10 | -13.00 | -27.64 |
| | 727.430 | -38.78 | -38.05 | 3.15 | -3.88 | -13.00 | -25.78 |
| | 931.130 | -36.56 | -35.84 | 3.66 | -4.38 | -13.00 | -23.56 |
| | 1415.000 | -63.18 | -64.56 | 7.15 | -5.77 | -13.00 | -50.18 |
| | 2122.500 | -57.77 | -60.10 | 9.43 | -7.10 | -13.00 | -44.77 |
| | | | | | | | |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

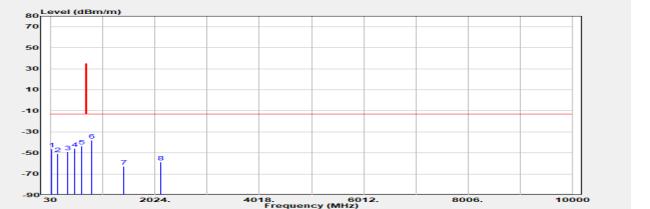
除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 SGS Taiwan Ltd.

f (886-2) 2298-0488



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B12 |
| Test Mode | :Tx CH MID |
| EUT Pol | :E1 Plane |
| Test Frequency | :707.5 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



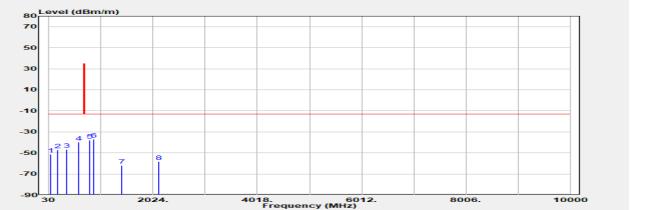
| | | Frequency | (MHZ) | | | |
|----------|----------|--------------------|-----------------|---------------|--------|--------|
| Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | |
| 50.370 | -46.09 | -31.80 | -11.82 | -2.47 | -13.00 | -33.09 |
| 154.160 | -50.68 | -46.45 | -1.41 | -2.82 | -13.00 | -37.68 |
| 350.100 | -48.79 | -50.08 | 4.54 | -3.25 | -13.00 | -35.79 |
| 484.930 | -45.94 | -47.04 | 4.27 | -3.17 | -13.00 | -32.94 |
| 610.060 | -43.53 | -44.20 | 3.47 | -2.80 | -13.00 | -30.53 |
| 803.090 | -37.98 | -38.48 | 4.12 | -3.62 | -13.00 | -24.98 |
| 1415.000 | -62.95 | -64.33 | 7.15 | -5.77 | -13.00 | -49.95 |
| 2122.500 | -58.47 | -60.80 | 9.43 | -7.10 | -13.00 | -45.47 |
| | | | | | | |

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B12 |
| Test Mode | :Tx CH HIGH |
| EUT Pol | :E1 Plane |
| Test Frequency | :711 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|--|
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB | |
| | | | | | | | | |
| | 60.070 | -51.29 | -39.18 | -9.56 | -2.55 | -13.00 | -38.29 | |
| | 186.170 | -47.30 | -46.96 | 2.59 | -2.93 | -13.00 | -34.30 | |
| | 376.290 | -46.73 | -48.14 | 4.35 | -2.94 | -13.00 | -33.73 | |
| | 603.270 | -39.99 | -40.78 | 3.61 | -2.82 | -13.00 | -26.99 | |
| | 804.060 | -37.73 | -38.25 | 4.15 | -3.63 | -13.00 | -24.73 | |
| | 888.450 | -36.99 | -36.96 | 4.47 | -4.50 | -13.00 | -23.99 | |
| | 1422.000 | -62.09 | -63.53 | 7.22 | -5.78 | -13.00 | -49.09 | |
| | 2133.000 | -57.99 | -60.18 | 9.30 | -7.11 | -13.00 | -44.99 | |
| | | | | | | | | |

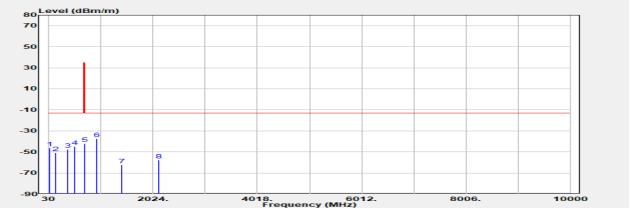
除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. SGS Taiwan Ltd.



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B12 |
| Test Mode | :Tx CH HIGH |
| EUT Pol | :E1 Plane |
| Test Frequency | :711 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



| | | Frequency (MHZ) | | | | | | |
|---|----------|-----------------|--------------------|-----------------|---------------|--------|--------|--|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin | |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB | |
| | | | | | | | | |
| | 50.370 | -46.09 | -31.80 | -11.82 | -2.47 | -13.00 | -33.09 | |
| | 154.160 | -50.68 | -46.45 | -1.41 | -2.82 | -13.00 | -37.68 | |
| | 385.020 | -47.40 | -48.94 | 4.37 | -2.83 | -13.00 | -34.40 | |
| | 522.760 | -44.75 | -46.14 | 4.12 | -2.73 | -13.00 | -31.75 | |
| | 706.090 | -42.08 | -42.22 | 3.49 | -3.35 | 34.77 | -76.85 | |
| | 950.530 | -37.70 | -37.07 | 3.80 | -4.43 | -13.00 | -24.70 | |
| | 1422.000 | -62.45 | -63.89 | 7.22 | -5.78 | -13.00 | -49.45 | |
| | 2133.000 | -57.87 | -60.06 | 9.30 | -7.11 | -13.00 | -44.87 | |
| | | | | | | | | |

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

f (886-2) 2298-0488



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B17 |
| Test Mode | :Tx CH LOW |
| EUT Pol | :E1 Plane |
| Test Frequency | :709 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



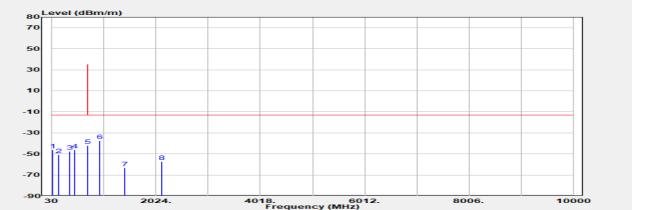
| | | | Frequency | ((((12)) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 60.070 | -51.29 | -39.18 | -9.56 | -2.55 | -13.00 | -38.29 |
| | 186.170 | -47.30 | -46.96 | 2.59 | -2.93 | -13.00 | -34.30 |
| | 472.320 | -44.90 | -46.01 | 4.14 | -3.03 | -13.00 | -31.90 |
| | 612.970 | -41.12 | -41.65 | 3.45 | -2.92 | -13.00 | -28.12 |
| | 804.060 | -37.73 | -38.25 | 4.15 | -3.63 | -13.00 | -24.73 |
| | 888.450 | -36.99 | -36.96 | 4.47 | -4.50 | -13.00 | -23.99 |
| | 1418.000 | -63.49 | -64.89 | 7.18 | -5.78 | -13.00 | -50.49 |
| | 2127.000 | -57.60 | -59.87 | 9.37 | -7.10 | -13.00 | -44.60 |
| | | | | | | | |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B17 |
| Test Mode | :Tx CH LOW |
| EUT Pol | :E1 Plane |
| Test Frequency | :709 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



| | Frequency (Mnz) | | | | | | |
|---|-----------------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| - | | | | | | | |
| | 50.370 | -46.09 | -31.80 | -11.82 | -2.47 | -13.00 | -33.09 |
| | 154.160 | -50.68 | -46.45 | -1.41 | -2.82 | -13.00 | -37.68 |
| | 361.740 | -47.77 | -49.09 | 4.46 | -3.14 | -13.00 | -34.77 |
| | 462.620 | -46.11 | -47.42 | 4.11 | -2.80 | -13.00 | -33.11 |
| | 706.090 | -42.08 | -42.22 | 3.49 | -3.35 | 34.77 | -76.85 |
| | 950.530 | -37.70 | -37.07 | 3.80 | -4.43 | -13.00 | -24.70 |
| | 1418.000 | -63.20 | -64.60 | 7.18 | -5.78 | -13.00 | -50.20 |
| | 2127.000 | -57.34 | -59.61 | 9.37 | -7.10 | -13.00 | -44.34 |
| | | | | | | | |

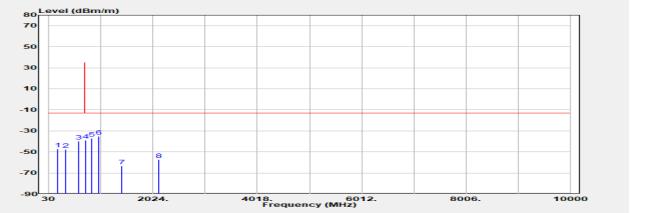
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

```
f (886-2) 2298-0488
```



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B17 |
| Test Mode | :Tx CH MID |
| EUT Pol | :E1 Plane |
| Test Frequency | :710 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
|--------------------|------------------|--------------------|-----------------|----------------|------------------|------------------|
| MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| 106 170 | 47.00 | 46.06 | 2 50 | 2.02 | 12.00 | 24.20 |
| 186.170 356.890 | -47.30 -47.39 | -46.96 -48.69 | 2.59 4.47 | -2.93 -3.17 | -13.00 -13.00 | -34.30 -34.39 |
| 603.270 | -39.99 | -40.78 | 3.61 | -2.82 | -13.00 | -26.99 |
| 727.430 | -38.78 | -38.05 | 3.15 | -3.88 | -13.00 | -25.78 |
| 849.650 | -36.98 | -37.84 | 4.65 | -3.79 | -13.00 | -23.98 |
| 980.600 | -35.27 | -34.55 | 3.80 | -4.52 | -13.00 | -22.27 |
| 1420.000 | -63.42 | -64.84 | 7.20 | -5.78 | -13.00 | -50.42 |
| 2130.000 | -57.08 | -59.31 | 9.34 | -7.11 | -13.00 | -44.08 |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

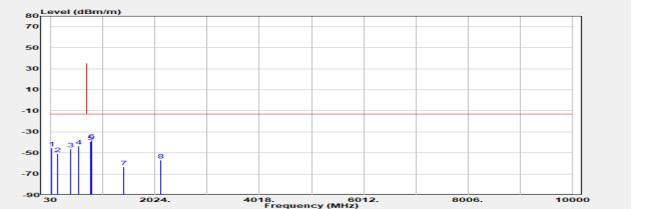
f (886-2) 2298-0488

SGS Taiwan Ltd. No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 www.sgs.com.tw



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B17 |
| Test Mode | :Tx CH MID |
| EUT Pol | :E1 Plane |
| Test Frequency | :710 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



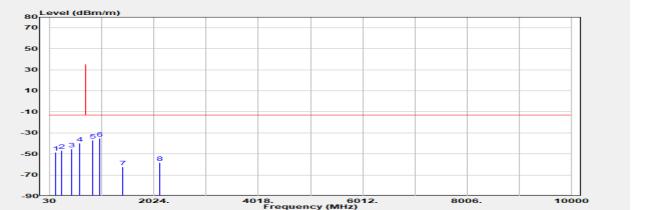
| | | | Frequency | (MHZ) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| _ | | | | | | | |
| | 41.640 | -45.53 | -29.80 | -13.31 | -2.42 | -13.00 | -32.53 |
| | 154.160 | -50.68 | -46.45 | -1.41 | -2.82 | -13.00 | -37.68 |
| | 414.120 | -46.20 | -47.58 | 4.34 | -2.96 | -13.00 | -33.20 |
| | 551.860 | -43.68 | -44.80 | 4.20 | -3.08 | -13.00 | -30.68 |
| | 793.390 | -39.30 | -39.63 | 3.82 | -3.49 | -13.00 | -26.30 |
| | 803.090 | -37.98 | -38.48 | 4.12 | -3.62 | -13.00 | -24.98 |
| | 1420.000 | -63.28 | -64.70 | 7.20 | -5.78 | -13.00 | -50.28 |
| | 2130.000 | -56.71 | -58.94 | 9.34 | -7.11 | -13.00 | -43.71 |
| | | | | | | | |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B17 |
| Test Mode | :Tx CH HIGH |
| EUT Pol | :E1 Plane |
| Test Frequency | :711 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 145.430 | -48.67 | -44.07 | -1.80 | -2.80 | -13.00 | -35.67 |
| | 251.160 | -46.75 | -47.95 | 4.31 | -3.11 | -13.00 | -33.75 |
| | 443.220 | -45.34 | -46.72 | 4.09 | -2.71 | -13.00 | -32.34 |
| | 603.270 | -39.99 | -40.78 | 3.61 | -2.82 | -13.00 | -26.99 |
| | 849.650 | -36.98 | -37.84 | 4.65 | -3.79 | -13.00 | -23.98 |
| | 988.360 | -35.09 | -34.50 | 3.96 | -4.55 | -13.00 | -22.09 |
| | 1422.000 | -62.44 | -63.88 | 7.22 | -5.78 | -13.00 | -49.44 |
| | 2133.000 | -58.11 | -60.30 | 9.30 | -7.11 | -13.00 | -45.11 |
| | | | | | | | |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

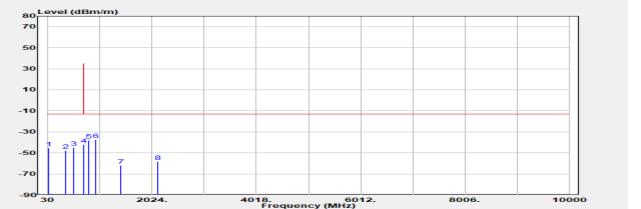
除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 www.sgs.com.tw



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B17 |
| Test Mode | :Tx CH HIGH |
| EUT Pol | :E1 Plane |
| Test Frequency | :711 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



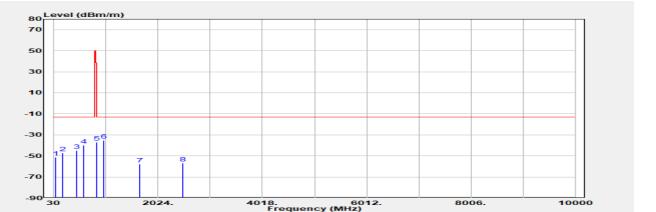
| | Frequency (MHZ) | | | | | | |
|---|-----------------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 41.640 | -45.53 | -29.80 | -13.31 | -2.42 | -13.00 | -32.53 |
| | 361.740 | -47.77 | -49.09 | 4.46 | -3.14 | -13.00 | -34.77 |
| | 522.760 | -44.75 | -46.14 | 4.12 | -2.73 | -13.00 | -31.75 |
| | 706.090 | -42.08 | -42.22 | 3.49 | -3.35 | 34.77 | -76.85 |
| | 803.090 | -37.98 | -38.48 | 4.12 | -3.62 | -13.00 | -24.98 |
| | 950.530 | -37.70 | -37.07 | 3.80 | -4.43 | -13.00 | -24.70 |
| | 1422.000 | -61.99 | -63.43 | 7.22 | -5.78 | -13.00 | -48.99 |
| | 2133.000 | -57.99 | -60.18 | 9.30 | -7.11 | -13.00 | -44.99 |
| | | | | | | | |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B26 |
| Test Mode | :Tx CH LOW |
| EUT Pol | :E1 Plane |
| Test Frequency | :831.5 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| | | Frequency | (MHZ) | | | |
|----------|----------|--------------------|-----------------|---------------|--------|--------|
| Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | |
| 60.070 | -51.29 | -39.18 | -9.56 | -2.55 | -13.00 | -38.29 |
| 186.170 | -47.30 | -46.96 | 2.59 | -2.93 | -13.00 | -34.30 |
| 472.320 | -44.90 | -46.01 | 4.14 | -3.03 | -13.00 | -31.90 |
| 603.270 | -39.99 | -40.78 | 3.61 | -2.82 | -13.00 | -26.99 |
| 849.650 | -36.98 | -37.84 | 4.65 | -3.79 | -13.00 | -23.98 |
| 988.360 | -35.09 | -34.50 | 3.96 | -4.55 | -13.00 | -22.09 |
| 1663.000 | -57.59 | -60.72 | 9.40 | -6.27 | -13.00 | -44.59 |
| 2494.500 | -56.89 | -59.72 | 10.47 | -7.64 | -13.00 | -43.89 |
| | | | | | | |

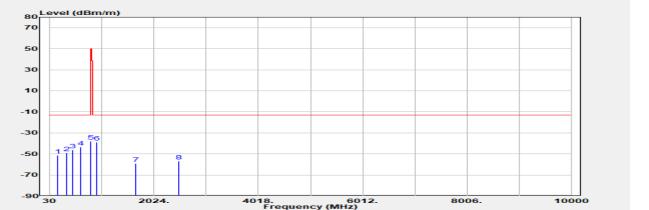
除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. SGS Taiwan Ltd.



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B26 |
| Test Mode | :Tx CH LOW |
| EUT Pol | :E1 Plane |
| Test Frequency | :831.5 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



| | | Frequency | (MHZ) | | | |
|----------|----------|--------------------|-----------------|---------------|--------|--------|
| Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | |
| 178.410 | -51.44 | -49.63 | 1.07 | -2.88 | -13.00 | -38.44 |
| 350.100 | -48.79 | -50.08 | 4.54 | -3.25 | -13.00 | -35.79 |
| 462.620 | -46.11 | -47.42 | 4.11 | -2.80 | -13.00 | -33.11 |
| 610.060 | -43.53 | -44.20 | 3.47 | -2.80 | -13.00 | -30.53 |
| 803.090 | -37.98 | -38.48 | 4.12 | -3.62 | -13.00 | -24.98 |
| 917.550 | -38.77 | -38.04 | 3.71 | -4.44 | -13.00 | -25.77 |
| 1663.000 | -59.16 | -62.29 | 9.40 | -6.27 | -13.00 | -46.16 |
| 2494.500 | -56.63 | -59.46 | 10.47 | -7.64 | -13.00 | -43.63 |
| | | | | | | |

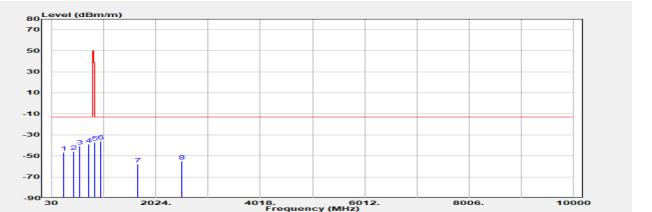
除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

```
f (886-2) 2298-0488
```



| Report Number | :TERF2204000399E2 | | | |
|-----------------------|-------------------|--|--|--|
| Operation Mode | :LTE B26 | | | |
| Test Mode | :Tx CH MID | | | |
| EUT Pol | :E1 Plane | | | |
| Test Frequency | :836.5 MHz | | | |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| | | | Frequency | (IVIHZ) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| - | | | | | | | |
| | 251.160 | -46.75 | -47.95 | 4.31 | -3.11 | -13.00 | -33.75 |
| | 440.310 | -45.64 | -46.93 | 4.04 | -2.75 | -13.00 | -32.64 |
| | 552.830 | -40.64 | -41.76 | 4.22 | -3.10 | -13.00 | -27.64 |
| | 727.430 | -38.78 | -38.05 | 3.15 | -3.88 | -13.00 | -25.78 |
| | 849.650 | -36.98 | -37.84 | 4.65 | -3.79 | -13.00 | -23.98 |
| | 957.320 | -35.90 | -35.16 | 3.74 | -4.48 | -13.00 | -22.90 |
| | 1673.000 | -57.56 | -60.67 | 9.40 | -6.29 | -13.00 | -44.56 |
| | 2509.500 | -55.13 | -58.05 | 10.58 | -7.66 | -13.00 | -42.13 |
| | | | | | | | |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

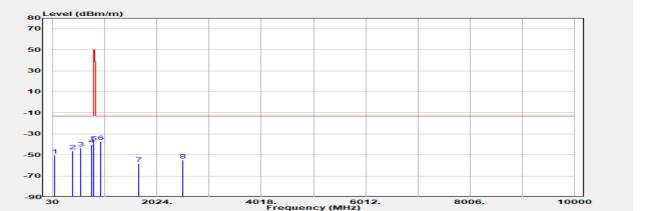
除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B26 |
| Test Mode | :Tx CH MID |
| EUT Pol | :E1 Plane |
| Test Frequency | :836.5 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



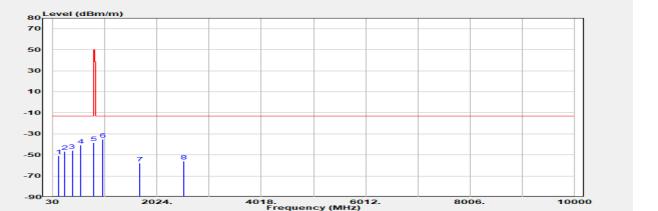
| | | | Frequency | (MHZ) | | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|--|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin | |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB | |
| | | | | | | | | |
| | 58.130 | -50.58 | -38.12 | -9.92 | -2.54 | -13.00 | -37.58 | |
| | 414.120 | -46.20 | -47.58 | 4.34 | -2.96 | -13.00 | -33.20 | |
| | 551.860 | -43.68 | -44.80 | 4.20 | -3.08 | -13.00 | -30.68 | |
| | 773.020 | -40.41 | -40.22 | 3.13 | -3.32 | -13.00 | -27.41 | |
| | 803.090 | -37.98 | -38.48 | 4.12 | -3.62 | -13.00 | -24.98 | |
| | 950.530 | -37.70 | -37.07 | 3.80 | -4.43 | -13.00 | -24.70 | |
| | 1673.000 | -58.41 | -61.52 | 9.40 | -6.29 | -13.00 | -45.41 | |
| | 2509.500 | -55.05 | -57.97 | 10.58 | -7.66 | -13.00 | -42.05 | |
| | | | | | | | | |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B26 |
| Test Mode | :Tx CH HIGH |
| EUT Pol | :E1 Plane |
| Test Frequency | :841.5 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| | | | Frequency | (IVIHZ) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 133.790 | -50.88 | -46.05 | -2.07 | -2.76 | -13.00 | -37.88 |
| | 251.160 | -46.75 | -47.95 | 4.31 | -3.11 | -13.00 | -33.75 |
| | 396.660 | -45.86 | -47.17 | 4.29 | -2.98 | -13.00 | -32.86 |
| | 552.830 | -40.64 | -41.76 | 4.22 | -3.10 | -13.00 | -27.64 |
| | 800.180 | -38.52 | -38.97 | 4.03 | -3.58 | -13.00 | -25.52 |
| | 988.360 | -35.09 | -34.50 | 3.96 | -4.55 | -13.00 | -22.09 |
| | 1683.000 | -57.81 | -60.91 | 9.40 | -6.30 | -13.00 | -44.81 |
| | 2524.500 | -56.01 | -59.01 | 10.70 | -7.70 | -13.00 | -43.01 |
| | | | | | | | |

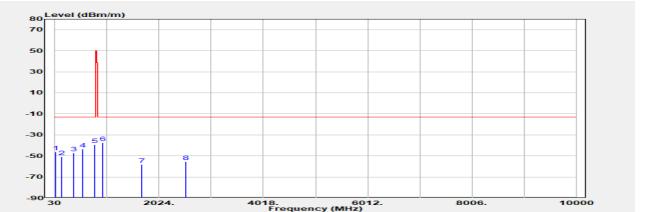
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B26 |
| Test Mode | :Tx CH HIGH |
| EUT Pol | :E1 Plane |
| Test Frequency | :841.5 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



| | | | Frequency | (WHZ) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| - | | | | | | | |
| | 50.370 | -46.09 | -31.80 | -11.82 | -2.47 | -13.00 | -33.09 |
| | 154.160 | -50.68 | -46.45 | -1.41 | -2.82 | -13.00 | -37.68 |
| | 391.810 | -47.20 | -48.68 | 4.35 | -2.87 | -13.00 | -34.20 |
| | 551.860 | -43.68 | -44.80 | 4.20 | -3.08 | -13.00 | -30.68 |
| | 793.390 | -39.30 | -39.63 | 3.82 | -3.49 | -13.00 | -26.30 |
| | 950.530 | -37.70 | -37.07 | 3.80 | -4.43 | -13.00 | -24.70 |
| | 1683.000 | -58.14 | -61.24 | 9.40 | -6.30 | -13.00 | -45.14 |
| | 2524.500 | -55.66 | -58.66 | 10.70 | -7.70 | -13.00 | -42.66 |
| | | | | | | | |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司

SGS Taiwan Ltd.

t (886-2) 2299-3279 f (886-2) 2298-0488

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 www.sgs.com.tw



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B26 90S |
| Test Mode | :Tx CH LOW |
| EUT Pol | :E1 Plane |
| Test Frequency | :814.7 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| | | | Frequency | (MHZ) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 60.070 | -51.29 | -39.18 | -9.56 | -2.55 | -13.00 | -38.29 |
| | 186.170 | -47.30 | -46.96 | 2.59 | -2.93 | -13.00 | -34.30 |
| | 472.320 | -44.90 | -46.01 | 4.14 | -3.03 | -13.00 | -31.90 |
| | 603.270 | -39.99 | -40.78 | 3.61 | -2.82 | -13.00 | -26.99 |
| | 849.650 | -36.98 | -37.84 | 4.65 | -3.79 | -13.00 | -23.98 |
| | 988.360 | -35.09 | -34.50 | 3.96 | -4.55 | -13.00 | -22.09 |
| | 1629.400 | -59.40 | -62.55 | 9.32 | -6.17 | -13.00 | -46.40 |
| | 2444.100 | -57.18 | -59.71 | 10.16 | -7.63 | -13.00 | -44.18 |
| | | | | | | | |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

```
f (886-2) 2298-0488
```



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B26 90S |
| Test Mode | :Tx CH LOW |
| EUT Pol | :E1 Plane |
| Test Frequency | :814.7 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



| | | | inequency | (| | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| _ | | | | | | | |
| | 41.640 | -45.53 | -29.80 | -13.31 | -2.42 | -13.00 | -32.53 |
| | 437.400 | -46.19 | -47.40 | 3.98 | -2.77 | -13.00 | -33.19 |
| | 551.860 | -43.68 | -44.80 | 4.20 | -3.08 | -13.00 | -30.68 |
| | 706.090 | -42.08 | -42.22 | 3.49 | -3.35 | -13.00 | -29.08 |
| | 803.090 | -37.98 | -38.48 | 4.12 | -3.62 | -13.00 | -24.98 |
| | 950.530 | -37.70 | -37.07 | 3.80 | -4.43 | -13.00 | -24.70 |
| | 1629.400 | -59.89 | -63.04 | 9.32 | -6.17 | -13.00 | -46.89 |
| | 2444.100 | -56.75 | -59.28 | 10.16 | -7.63 | -13.00 | -43.75 |
| | | | | | | | |

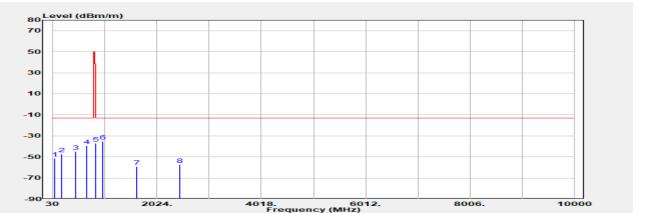
除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. SGS Taiwan Ltd.



| Report Number | :TERF2204000399E2 |
|----------------|-------------------|
| Operation Mode | :LTE B26 90S |
| Test Mode | :Tx CH MID |
| EUT Pol | :E1 Plane |
| Test Frequency | :819 MHz |
| | |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| | Trequency (Miliz) | | | | | | |
|---|-------------------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 60.070 | -51.29 | -39.18 | -9.56 | -2.55 | -13.00 | -38.29 |
| | 186.170 | -47.30 | -46.96 | 2.59 | -2.93 | -13.00 | -34.30 |
| | 463.590 | -44.96 | -46.25 | 4.11 | -2.82 | -13.00 | -31.96 |
| | 679.900 | -39.39 | -39.78 | 3.81 | -3.42 | -13.00 | -26.39 |
| | 849.650 | -36.98 | -37.84 | 4.65 | -3.79 | -13.00 | -23.98 |
| | 980.600 | -35.27 | -34.55 | 3.80 | -4.52 | -13.00 | -22.27 |
| | 1638.000 | -58.99 | -62.16 | 9.35 | -6.18 | -13.00 | -45.99 |
| | 2457.000 | -57.23 | -59.82 | 10.24 | -7.65 | -13.00 | -44.23 |
| | | | | | | | |

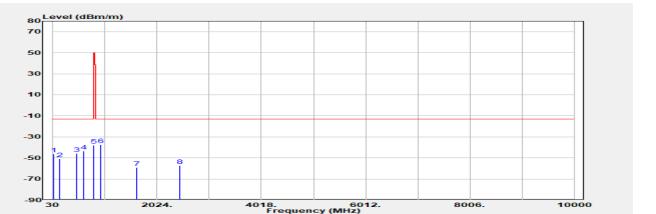
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B26 90S |
| Test Mode | :Tx CH MID |
| EUT Pol | :E1 Plane |
| Test Frequency | :819 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



| | | | Frequency | (WHZ) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 50.370 | -46.09 | -31.80 | -11.82 | -2.47 | -13.00 | -33.09 |
| | 154.160 | -50.68 | -46.45 | -1.41 | -2.82 | -13.00 | -37.68 |
| | 484.930 | -45.94 | -47.04 | 4.27 | -3.17 | -13.00 | -32.94 |
| | 610.060 | -43.53 | -44.20 | 3.47 | -2.80 | -13.00 | -30.53 |
| | 803.090 | -37.98 | -38.48 | 4.12 | -3.62 | -13.00 | -24.98 |
| | 950.530 | -37.70 | -37.07 | 3.80 | -4.43 | -13.00 | -24.70 |
| | 1638.000 | -59.02 | -62.19 | 9.35 | -6.18 | -13.00 | -46.02 |
| | 2457.000 | -57.42 | -60.01 | 10.24 | -7.65 | -13.00 | -44.42 |
| | | | | | | | |

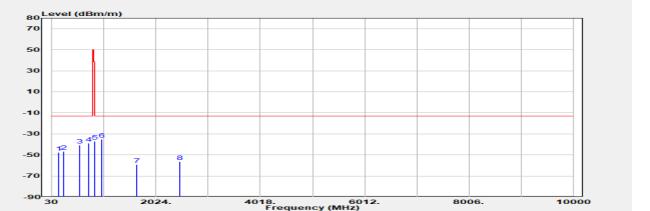
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B26 90S |
| Test Mode | :Tx CH HIGH |
| EUT Pol | :E1 Plane |
| Test Frequency | :823.3 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| | | Frequency | ((((12)) | | | |
|----------|----------|--------------------|-----------------|---------------|--------|--------|
| Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | |
| 161.920 | -47.40 | -43.55 | -1.05 | -2.80 | -13.00 | -34.40 |
| 251.160 | -46.75 | -47.95 | 4.31 | -3.11 | -13.00 | -33.75 |
| 552.830 | -40.64 | -41.76 | 4.22 | -3.10 | -13.00 | -27.64 |
| 727.430 | -38.78 | -38.05 | 3.15 | -3.88 | -13.00 | -25.78 |
| 849.650 | -36.98 | -37.84 | 4.65 | -3.79 | -13.00 | -23.98 |
| 988.360 | -35.09 | -34.50 | 3.96 | -4.55 | -13.00 | -22.09 |
| 1646.600 | -58.99 | -62.17 | 9.39 | -6.21 | -13.00 | -45.99 |
| 2469.900 | -56.21 | -58.89 | 10.32 | -7.64 | -13.00 | -43.21 |
| | | | | | | |

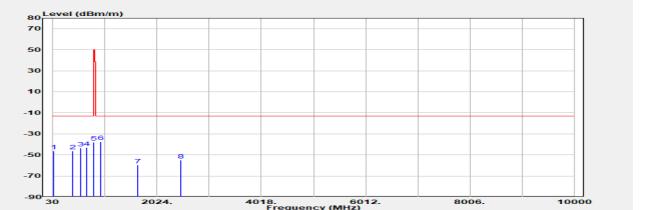
除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B26 90S |
| Test Mode | :Tx CH HIGH |
| EUT Pol | :E1 Plane |
| Test Frequency | :823.3 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



| | | Frequency | ((((12)) | | | |
|----------|----------|--------------------|-----------------|---------------|--------|--------|
| Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | |
| 44.550 | -46.07 | -30.75 | -12.88 | -2.44 | -13.00 | -33.07 |
| 414.120 | -46.20 | -47.58 | 4.34 | -2.96 | -13.00 | -33.20 |
| 551.860 | -43.68 | -44.80 | 4.20 | -3.08 | -13.00 | -30.68 |
| 678.930 | -43.03 | -43.41 | 3.82 | -3.44 | -13.00 | -30.03 |
| 803.090 | -37.98 | -38.48 | 4.12 | -3.62 | -13.00 | -24.98 |
| 950.530 | -37.70 | -37.07 | 3.80 | -4.43 | -13.00 | -24.70 |
| 1646.600 | -59.49 | -62.67 | 9.39 | -6.21 | -13.00 | -46.49 |
| 2469.900 | -54.84 | -57.52 | 10.32 | -7.64 | -13.00 | -41.84 |
| | | | | | | |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

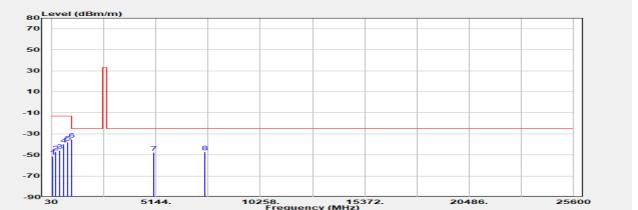
除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

```
f (886-2) 2298-0488
```



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B41 |
| Test Mode | :Tx CH LOW |
| EUT Pol | :E1 Plane |
| Test Frequency | :2506 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| | | | riequency | (1112) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| - | | | | | | | |
| | 60.070 | -51.29 | -39.18 | -9.56 | -2.55 | -13.00 | -38.29 |
| | 186.170 | -47.30 | -46.96 | 2.59 | -2.93 | -13.00 | -34.30 |
| | 396.660 | -45.86 | -47.17 | 4.29 | -2.98 | -13.00 | -32.86 |
| | 603.270 | -39.99 | -40.78 | 3.61 | -2.82 | -13.00 | -26.99 |
| | 804.060 | -37.73 | -38.25 | 4.15 | -3.63 | -13.00 | -24.73 |
| | 980.600 | -35.27 | -34.55 | 3.80 | -4.52 | -13.00 | -22.27 |
| | 5012.000 | -47.76 | -49.36 | 12.55 | -10.95 | -25.00 | -22.76 |
| | 7518.000 | -47.16 | -44.80 | 11.24 | -13.60 | -25.00 | -22.16 |
| | | | | | | | |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B41 |
| Test Mode | :Tx CH LOW |
| EUT Pol | :E1 Plane |
| Test Frequency | :2506 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



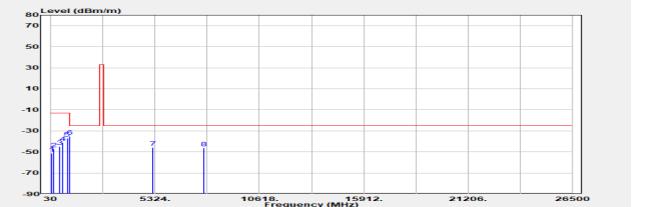
| | | | riequency | (1112) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| - | | | | | | | |
| | 50.370 | -46.09 | -31.80 | -11.82 | -2.47 | -13.00 | -33.09 |
| | 317.120 | -51.49 | -52.41 | 4.14 | -3.22 | -13.00 | -38.49 |
| | 462.620 | -46.11 | -47.42 | 4.11 | -2.80 | -13.00 | -33.11 |
| | 687.660 | -42.57 | -43.12 | 3.75 | -3.20 | -13.00 | -29.57 |
| | 803.090 | -37.98 | -38.48 | 4.12 | -3.62 | -13.00 | -24.98 |
| | 950.530 | -37.70 | -37.07 | 3.80 | -4.43 | -13.00 | -24.70 |
| | 5012.000 | -47.49 | -49.09 | 12.55 | -10.95 | -25.00 | -22.49 |
| | 7518.000 | -46.91 | -44.55 | 11.24 | -13.60 | -25.00 | -21.91 |
| | | | | | | | |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B41 |
| Test Mode | :Tx CH MID |
| EUT Pol | :E1 Plane |
| Test Frequency | :2593 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| | | Frequency | (INIT2) | | | |
|----------|----------|--------------------|-----------------|---------------|--------|--------|
| Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | |
| 60.070 | -51.29 | -39.18 | -9.56 | -2.55 | -13.00 | -38.29 |
| 186.170 | -47.30 | -46.96 | 2.59 | -2.93 | -13.00 | -34.30 |
| 472.320 | -44.90 | -46.01 | 4.14 | -3.03 | -13.00 | -31.90 |
| 612.970 | -41.12 | -41.65 | 3.45 | -2.92 | -13.00 | -28.12 |
| 849.650 | -36.98 | -37.84 | 4.65 | -3.79 | -13.00 | -23.98 |
| 988.360 | -35.09 | -34.50 | 3.96 | -4.55 | -13.00 | -22.09 |
| 5186.000 | -45.63 | -47.26 | 12.79 | -11.16 | -25.00 | -20.63 |
| 7779.000 | -46.17 | -44.32 | 11.84 | -13.69 | -25.00 | -21.17 |
| | | | | | | |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

```
No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號
                              f (886-2) 2298-0488
```



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B41 |
| Test Mode | :Tx CH MID |
| EUT Pol | :E1 Plane |
| Test Frequency | :2593 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



| | | | Frequency | (MHZ) | | | |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 154.160 | -50.68 | -46.45 | -1.41 | -2.82 | -13.00 | -37.68 |
| | 376.290 | -47.44 | -48.85 | 4.35 | -2.94 | -13.00 | -34.44 |
| | 551.860 | -43.68 | -44.80 | 4.20 | -3.08 | -13.00 | -30.68 |
| | 706.090 | -42.08 | -42.22 | 3.49 | -3.35 | -13.00 | -29.08 |
| | 803.090 | -37.98 | -38.48 | 4.12 | -3.62 | -13.00 | -24.98 |
| | 950.530 | -37.70 | -37.07 | 3.80 | -4.43 | -13.00 | -24.70 |
| | 5186.000 | -44.89 | -46.52 | 12.79 | -11.16 | -25.00 | -19.89 |
| | 7779.000 | -45.33 | -43.48 | 11.84 | -13.69 | -25.00 | -20.33 |
| | | | | | | | |

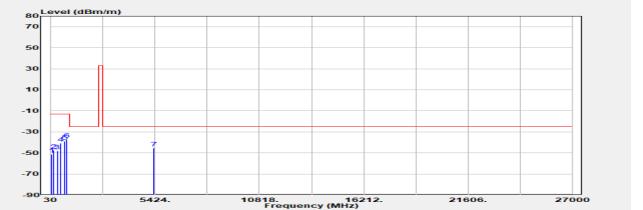
除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



| Report Number | :TERF2204000399E2 |
|-----------------------|-------------------|
| Operation Mode | :LTE B41 |
| Test Mode | :Tx CH HIGH |
| EUT Pol | :E1 Plane |
| Test Frequency | :2680 MHz |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Vertical |
| Engineer | :Quentin Liu |



| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 60.070 | -51.29 | -39.18 | -9.56 | -2.55 | -13.00 | -38.29 |
| | 161.920 | -47.40 | -43.55 | -1.05 | -2.80 | -13.00 | -34.40 |
| | 348.160 | -47.94 | -49.17 | 4.50 | -3.27 | -13.00 | -34.94 |
| | 552.830 | -40.64 | -41.76 | 4.22 | -3.10 | -13.00 | -27.64 |
| | 727.430 | -38.78 | -38.05 | 3.15 | -3.88 | -13.00 | -25.78 |
| | 849.650 | -36.98 | -37.84 | 4.65 | -3.79 | -13.00 | -23.98 |
| | 5360.000 | -45.50 | -47.54 | 13.38 | -11.34 | -25.00 | -20.50 |
| | | | | | | | |

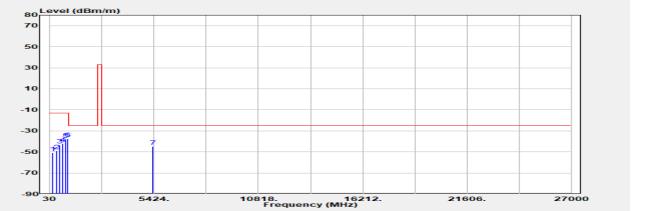
除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

t (886-2) 2299-3279



| Report Number | :TERF2204000399E2 | Т |
|-----------------------|-------------------|----|
| Operation Mode | :LTE B41 | Те |
| Test Mode | :Tx CH HIGH | Те |
| EUT Pol | :E1 Plane | A |
| Test Frequency | :2680 MHz | E |

| Test Site | :SAC G |
|--------------|--------------|
| Test Date | :2022-06-10 |
| Temp./Humi. | :21.7/70 |
| Antenna Pol. | :Horizontal |
| Engineer | :Quentin Liu |



| | Freq. | EIRP/ERP | SG Output Level | Antenna Gain | Cable Loss | Limit | Margin |
|---|----------|----------|--------------------|-----------------|---------------|--------|--------|
| _ | MHz | dBm | dBm | dBi/dBd | dB | dBm | dB |
| | | | | | | | |
| | 154.160 | -50.68 | -46.45 | -1.41 | -2.82 | -13.00 | -37.68 |
| | 350.100 | -48.79 | -50.08 | 4.54 | -3.25 | -13.00 | -35.79 |
| | 551.860 | -43.68 | -44.80 | 4.20 | -3.08 | -13.00 | -30.68 |
| | 706.090 | -42.08 | -42.22 | 3.49 | -3.35 | -13.00 | -29.08 |
| | 857.410 | -38.14 | -38.80 | 4.58 | -3.92 | -13.00 | -25.14 |
| | 950.530 | -37.70 | -37.07 | 3.80 | -4.43 | -13.00 | -24.70 |
| | 5360.000 | -44.91 | -46.95 | 13.38 | -11.34 | -25.00 | -19.91 |
| | | | | | | | |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

Report No.: TERF2204000399E2 Page: 211 of 237



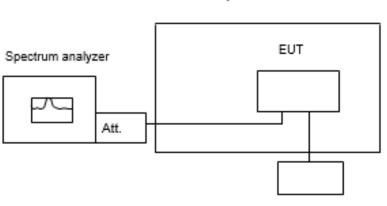
11 FREQUENCY STABILITY MEASUREMENT

11.1 Standard Applicabl

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

Temperature Chamber

11.2 Test Set-up



Variable DC Power Supply

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 25°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 25° C. 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.

11.4 Measurement Result

Note: The battery is rated 3.8V dc.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

(ホチカオ) 就可 "Diageisa 定知 内域之体の資料 (「内可Digeoing and Disconting American and Disconting American and Disconting American and Disconting American and Disconting and Disconting American Am

www.sgs.com.tw



Report No.: TERF2204000399E2 Page: 212 of 237

| Reference Freq.: | | B2 Mid nannel | 1880.0000 | MHz 10M QPSK CH 18900 |
|--|--|---|---|----------------------------|
| Power Supply Vdc | Temp. (°C) | Freq. (MHz) | (ppm) | Limit |
| | Fre | eq. ERROR vs. VO | DLTAGE | |
| 4.37 | 25 | 1880.000013 | 0.0067 | |
| 3.8 | 25 | 1880.000008 | 0.0042 | |
| 3.23 | 25 | 1879.999986 | -0.0072 | +/- 2.5 ppm |
| 3.4 (End Point) | 25 | 1879.999992 | -0.0043 | |
| | F | req. ERROR vs. | Temp. | |
| 3.8 | -30 | 1880.000007 | 0.0038 | |
| 3.8 | -20 | 1879.999981 | -0.0104 | |
| 3.8 | -10 | 1880.000001 | 0.0007 | |
| 3.8 | 0 | 1880.000019 | 0.0098 | |
| 3.8 | 10 | 1880.000011 | 0.0060 | +/- 2.5 ppm |
| 3.8 | 20 | 1879.999986 | -0.0075 | |
| 3.8 | 30 | 1880.000000 | -0.0002 | |
| 3.8 | 40 | 1879.999985 | -0.0078 | |
| 3.8 | 50 | 1880.000014 | 0.0073 | |
| Reference Freq.: | | EB4 Mid nannel | 1732.5000 | MHz 10M QPSK CH 20175 |
| Power Supply Vdc | Temp. (°C) | Freq. (MHz) | (ppm) | Limit |
| | Fre | eq. ERROR vs. VC | DLTAGE | |
| 4.37 | 25 | 1732.500010 | 0.0058 | |
| 3.8 | | | | |
| 5.0 | 25 | 1732.500012 | 0.0066 | |
| 3.23 | 25 25 | 1732.500012 1732.499998 | 0.0066 -0.0010 | +/- 2.5 ppm |
| | 25 | 1732.499998 | -0.0010 | +/- 2.5 ppm |
| 3.23 | 25 25 | 1732.499998 1732.499988 | -0.0010 -0.0072 | +/- 2.5 ppm |
| 3.23 3.4 | 25 25 | 1732.499998 | -0.0010 -0.0072 | +/- 2.5 ppm |
| 3.23 3.4 | 25 25 | 1732.499998 1732.499988 | -0.0010 -0.0072 | +/- 2.5 ppm |
| 3.23 3.4 (End Point) | 25 25 F | 1732.499998 1732.499988 req. ERROR vs. 1732.500001 1732.500014 | -0.0010 -0.0072 Femp. | +/- 2.5 ppm |
| 3.23 3.4 (End Point) 3.8 | 25 25 F -30 | 1732.499998 1732.499988 Freq. ERROR vs. 1732.500001 | -0.0010 -0.0072 Femp. 0.0006 | +/- 2.5 ppm |
| 3.23 3.4 (End Point) 3.8 3.8 | 25 25 F -30 -20 | 1732.499998 1732.499988 req. ERROR vs. 1732.500001 1732.500014 | -0.0010 -0.0072 Femp. 0.0006 0.0079 | +/- 2.5 ppm |
| 3.23 3.4 (End Point) 3.8 3.8 3.8 3.8 | 25 25 -30 -20 -10 | 1732.499998 1732.499988 req. ERROR vs. 1732.50001 1732.500014 1732.499994 | -0.0010 -0.0072 Temp. 0.0006 0.0079 -0.0037 | +/- 2.5 ppm +/- 2.5 ppm |
| 3.23 3.4 (End Point) 3.8 3.8 3.8 3.8 3.8 3.8 | 25 25 -30 -20 -10 0 | 1732.499998 1732.499988 req. ERROR vs. 1732.500001 1732.500014 1732.499994 1732.500003 | -0.0010 -0.0072 Temp. 0.0006 0.0079 -0.0037 0.0018 | |
| 3.23 3.4 (End Point) 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 | 25 25 -30 -20 -10 0 10 | 1732.499998 1732.499988 req. ERROR vs. 1732.500001 1732.500014 1732.499994 1732.500003 1732.500020 | -0.0010 -0.0072 Femp. 0.0006 0.0079 -0.0037 0.0018 0.0115 | |
| 3.23 3.4 (End Point) 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 3.8 | 25 25 -30 -20 -10 0 10 20 | 1732.499998 1732.499988 req. ERROR vs. 1732.50001 1732.500014 1732.499994 1732.500003 1732.500020 1732.500005 | -0.0010 -0.0072 Temp. 0.0006 0.0079 -0.0037 0.0018 0.0115 0.0028 | |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測试之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 SGS Taiwan Ltd.

台灣檢驗科技股份有限公司

www.sgs.com.tw



Report No.: TERF2204000399E2 Page: 213 of 237

| Reference Freq.: | Reference Freq.: LTE B5 Mid Channel | | 836.5000 | MHz 10M QPSK CH 20525 |
|---|---|---|--|--------------------------------|
| Power Supply Vdc | Temp. (°C) | Freq. (MHz) | (ppm) | Limit |
| | Fr | eq. ERROR vs. V | OLTAGE | |
| 4.37 | 25 | 836.500012 | 0.0145 | |
| 3.8 | 25 | 836.500017 | 0.0202 | |
| 3.23 | 25 | 836.499994 | -0.0077 | +/- 2.5 ppm |
| 3.4 (End Point) | 25 | 836.500005 | 0.0065 | |
| | | Freq. ERROR vs. | Temp. | |
| 3.8 | -30 | 836.499990 | -0.0116 | |
| 3.8 | -20 | 836.499997 | -0.0031 | |
| 3.8 | -10 | 836.500019 | 0.0228 | |
| 3.8 | 0 | 836.500011 | 0.0128 | |
| 3.8 | 10 | 836.499989 | -0.0130 | +/- 2.5 ppm |
| 3.8 | 20 | 836.500019 | 0.0224 | |
| 3.8 | 30 | 836.500001 | 0.0017 | |
| 3.8 | 40 | 836.499980 | -0.0234 | |
| 3.8 | 50 | 836.499989 | -0.0130 | |
| | Reference Freq · LTE B12 M | | | |
| Reference Freq .: | | B12 Mid hannel | 707.5000 | MHz 10M QPSK CH 23095 |
| Reference Freq.: Power Supply Vdc | С | | | MHz 10M QPSK CH 23095 Limit |
| | C Temp. (℃) | hannel | (ppm) | |
| | C Temp. (℃) | hannel Freq. (MHz) | (ppm) | |
| Power Supply Vdc | Cl Temp. (℃) Fre | hannel Freq. (MHz) eq. ERROR vs. V e | (ppm) OLTAGE | |
| Power Supply Vdc 4.37 | Cl Temp. (°C) Fr 25 | hannel Freq. (MHz) eq. ERROR vs. V 707.500006 | (ppm) DLTAGE 0.0081 | |
| Power Supply Vdc 4.37 3.8 | Cl Temp. (°C) Fro 25 25 | hannel Freq. (MHz) eq. ERROR vs. V 707.500006 707.499985 | (ppm) DLTAGE 0.0081 -0.0209 | Limit |
| Power Supply Vdc 4.37 3.8 3.23 3.4 | Cl Temp. (°C) Fro 25 25 25 25 25 | hannel Freq. (MHz) eq. ERROR vs. V 707.500006 707.499985 707.500016 | (ppm) DLTAGE 0.0081 -0.0209 0.0226 0.0018 | Limit |
| Power Supply Vdc 4.37 3.8 3.23 3.4 | Cl Temp. (°C) Fro 25 25 25 25 25 | hannel Freq. (MHz) eq. ERROR vs. Vo 707.500006 707.499985 707.500016 707.500001 | (ppm) DLTAGE 0.0081 -0.0209 0.0226 0.0018 | Limit |
| Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) | Cl Temp. (°C) Fr 25 25 25 25 25 | hannel Freq. (MHz) eq. ERROR vs. V 707.500006 707.499985 707.500016 707.500001 Freq. ERROR vs. | (ppm) DLTAGE 0.0081 -0.0209 0.0226 0.0018 Temp. | Limit |
| Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 | C Temp. (°C) Fr 25 25 25 25 25 25 | hannel Freq. (MHz) eq. ERROR vs. Vo 707.500006 707.499985 707.500016 707.500001 Freq. ERROR vs. 707.500019 | (ppm) DLTAGE 0.0081 -0.0209 0.0226 0.0018 Temp. 0.0261 | Limit |
| Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3.8 3.8 3.8 | Cl Temp. (°C) 75 25 25 25 25 25 -30 -20 | hannel Freq. (MHz) eq. ERROR vs. V(707.500006 707.499985 707.500016 707.500001 Freq. ERROR vs. 707.500019 707.499997 | (ppm) DLTAGE 0.0081 -0.0209 0.0226 0.0018 Temp. 0.0261 -0.0042 | Limit |
| Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3.8 3.8 3.8 3.8 3.8 | Cl Temp. (°C) Fr 25 25 25 25 25 25 -30 -30 -20 -10 | hannel Freq. (MHz) eq. ERROR vs. V 707.500006 707.499985 707.500016 707.500001 Freq. ERROR vs. 707.500019 707.499997 707.499985 | (ppm) DLTAGE 0.0081 -0.0209 0.0226 0.0018 Temp. 0.0261 -0.0042 -0.0218 | Limit |
| Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3 | Cl Temp. (°C) Fr 25 25 25 25 25 25 -10 -10 0 | hannel Freq. (MHz) eq. ERROR vs. V(707.500006 707.499985 707.500016 707.500001 Freq. ERROR vs. 707.500019 707.499997 707.499985 707.500006 | (ppm) DLTAGE 0.0081 -0.0209 0.0226 0.0018 Temp. 0.0261 -0.0218 0.0079 | Limit +/- 2.5 ppm |
| Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3 | Cl Temp. (°C) Fr 25 25 25 25 25 25 25 -30 -30 -20 -10 0 10 | hannel Freq. (MHz) eq. ERROR vs. V 707.500006 707.499985 707.500016 707.500001 Freq. ERROR vs. 707.500019 707.499985 707.499985 707.500006 707.500013 | (ppm) DLTAGE 0.0081 -0.0209 0.0226 0.0018 Temp. 0.0261 -0.0042 -0.0218 0.0079 0.0185 | Limit +/- 2.5 ppm |
| Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3 | Cl Temp. (°C) Fr 25 25 25 25 25 25 25 -10 -10 0 10 20 | hannel Freq. (MHz) eq. ERROR vs. V 707.500006 707.499985 707.500016 707.500001 Freq. ERROR vs. 707.500019 707.499997 707.499985 707.500006 707.500013 707.499987 | (ppm) DLTAGE 0.0081 -0.0209 0.0226 0.0018 Temp. 0.0261 -0.0042 -0.0218 0.0079 0.0185 -0.0187 | Limit +/- 2.5 ppm |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

t (886-2) 2299-3279



| Reference Freq .: | | B17 Mid hannel | 710.0000 | MHz 10M QPSK CH 23790 |
|--------------------|------------|-------------------|----------|-----------------------|
| Power Supply Vdc | Temp. (°C) | Freq. (MHz) | (ppm) | Limit |
| | Fre | eq. ERROR vs. V | DLTAGE | - |
| 4.37 | 25 | 710.000020 | 0.0276 | |
| 3.8 | 25 | 710.000019 | 0.0270 | |
| 3.23 | 25 | 709.999984 | -0.0231 | +/- 2.5 ppm |
| 3.4 (End Point) | 25 | 710.000020 | 0.0282 | |
| | F | req. ERROR vs. | Temp. | |
| 3.8 | -30 | 710.000006 | 0.0085 | |
| 3.8 | -20 | 709.999983 | -0.0246 | |
| 3.8 | -10 | 710.000019 | 0.0270 | |
| 3.8 | 0 | 709.999981 | -0.0265 | |
| 3.8 | 10 | 709.999991 | -0.0130 | +/- 2.5 ppm |
| 3.8 | 20 | 710.000007 | 0.0100 | |
| 3.8 | 30 | 709.999990 | -0.0138 | |
| 3.8 | 40 | 710.000007 | 0.0094 | |
| 3.8 | 50 | 710.000010 | 0.0137 | |
| Reference Freq .: | | B26 Mid hannel | 831.5000 | MHz 10M QPSK CH 26865 |
| Power Supply Vdc | Temp. (℃) | Freq. (MHz) | (ppm) | Limit |
| | Fre | eq. ERROR vs. V | DLTAGE | |
| 4.37 | 25 | 831.500018 | 0.0214 | |
| 3.8 | 25 | 831.500004 | 0.0046 | |
| 3.23 | 25 | 831.499983 | -0.0201 | +/- 2.5 ppm |
| 3.4 (End Point) | 25 | 831.500004 | 0.0046 | |
| | F | req. ERROR vs. | Temp. | |
| 3.8 | -30 | 831.499995 | -0.0065 | |
| 3.8 | -20 | 831.500019 | 0.0226 | |
| 3.8 | -10 | 831.500006 | 0.0073 | |
| 3.8 | 0 | 831.499998 | -0.0030 | |
| 3.8 | 10 | 831.500000 | 0.0005 | +/- 2.5 ppm |
| 3.8 | 20 | 831.500014 | 0.0171 | |
| 3.8 | 30 | 831.499985 | -0.0186 | |
| 3.8 | 40 | 831.499981 | -0.0230 | |
| 3.8 | 50 | 831.500005 | 0.0059 | |

t (886-2) 2299-3279

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測试之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 SGS Taiwan Ltd.



Report No.: TERF2204000399E2 Page: 215 of 237

| Reference Freq.: | | LTE B26 Mid nannel | 819.0000 | MHz 10M QPSK CH 26740 | | |
|---|---|---|---|--------------------------------|--|--|
| Power Supply Vdc | Temp. (℃) | Freq. (MHz) | (ppm) | Limit | | |
| | | vs. VOLTAGE (LT | | t 90S) | | |
| 4.37 | 25 | 818.999997 | -0.0040 | , | | |
| 3.8 | 25 | 818.999981 | -0.0232 | | | |
| 3.23 | 25 | 819.000020 | 0.0238 | +/- 2.5 ppm | | |
| 3.4 (End Point) | 25 | 818.999981 | -0.0233 | | | |
| | | req. ERROR vs. | Temp. | | | |
| 3.8 | -30 | 818.999984 | -0.0192 | | | |
| 3.8 | -20 | 818.999987 | -0.0155 | | | |
| 3.8 | -10 | 819.000000 | 0.0001 | | | |
| 3.8 | 0 | 818.999999 | -0.0009 | | | |
| 3.8 | 10 | 819.000018 | 0.0216 | +/- 2.5 ppm | | |
| 3.8 | 20 | 818.999992 | -0.0100 | | | |
| 3.8 | 30 | 818.999985 | -0.0181 | | | |
| 3.8 | 40 | 819.000014 | 0.0167 | | | |
| 3.8 | 50 | 818.999994 | -0.0072 | | | |
| | LTE I | | | | | |
| Reference Freq.: | | B41 Mid nannel | 2593.0000 | MHz 10M QPSK CH 40620 | | |
| | Cl | B41 Mid nannel | 2593.0000 | MHz 10M QPSK CH 40620 Limit | | |
| Reference Freq.: Power Supply Vdc | Cl Temp. (℃) | B41 Mid | 2593.0000 (ppm) | | | |
| | Cl Temp. (℃) | B41 Mid nannel Freq. (MHz) | 2593.0000 (ppm) | | | |
| Power Supply Vdc | Cl Temp. (℃) Fre | B41 Mid nannel Freq. (MHz) eq. ERROR vs. V(| 2593.0000 (ppm) DLTAGE | | | |
| Power Supply Vdc 4.37 | Cl Temp. (℃) Fre 25 | B41 Mid nannel Freq. (MHz) eq. ERROR vs. V(2593.000020 | 2593.0000 (ppm) DLTAGE 0.0076 | | | |
| Power Supply Vdc 4.37 3.8 | Cl Temp. (°C) Fre 25 25 | B41 Mid nannel Freq. (MHz) eq. ERROR vs. VC 2593.000020 2593.000005 | 2593.0000 (ppm) DLTAGE 0.0076 0.0021 | Limit | | |
| Power Supply Vdc 4.37 3.8 3.23 3.4 | Cl Temp. (°C) 25 25 25 25 25 | B41 Mid nannel Freq. (MHz) eq. ERROR vs. VC 2593.000020 2593.000005 2593.000017 | 2593.0000 (ppm) DLTAGE 0.0076 0.0021 0.0065 -0.0061 | Limit | | |
| Power Supply Vdc 4.37 3.8 3.23 3.4 | Cl Temp. (°C) 25 25 25 25 25 | B41 Mid nannel Freq. (MHz) eq. ERROR vs. VC 2593.000020 2593.000005 2593.000017 2592.999984 | 2593.0000 (ppm) DLTAGE 0.0076 0.0021 0.0065 -0.0061 | Limit | | |
| Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) | Cl Temp. (℃) Fre 25 25 25 25 | B41 Mid nannel Freq. (MHz) eq. ERROR vs. VC 2593.000020 2593.000005 2593.000017 2592.999984 Freq. ERROR vs. | 2593.0000 (ppm) DLTAGE 0.0076 0.0021 0.0065 -0.0061 Temp. | Limit | | |
| Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 | Cl Temp. (°C) 25 25 25 25 25 25 | B41 Mid nannel Freq. (MHz) eq. ERROR vs. V(2593.000020 2593.000005 2593.000017 2592.999984 Freq. ERROR vs. 2592.999993 | 2593.0000 (ppm) DLTAGE 0.0076 0.0021 0.0065 -0.0061 Temp. -0.0026 | Limit | | |
| Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3.8 3.8 | Cl Temp. (℃) 25 25 25 25 25 25 25 25 25 | B41 Mid nannel Freq. (MHz) eq. ERROR vs. VC 2593.000020 2593.000005 2593.000017 2592.999984 Freq. ERROR vs. 2592.999993 2593.000017 | 2593.0000 (ppm) DLTAGE 0.0076 0.0021 0.0065 -0.0061 Temp. -0.0026 0.0065 | Limit | | |
| Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3 | Cl Temp. (°C) 25 25 25 25 25 25 -30 -30 -20 -10 | B41 Mid nannel Freq. (MHz) eq. ERROR vs. VC 2593.000020 2593.000005 2593.000017 2592.999984 Freq. ERROR vs. 2592.999993 2593.000017 2592.999998 | 2593.0000 (ppm) DLTAGE 0.0076 0.0021 0.0065 -0.0061 Temp. -0.0026 0.0065 -0.0007 | Limit | | |
| Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3 | Cl Temp. (℃) Fre 25 25 25 25 25 25 4 -30 -20 -10 0 | B41 Mid nannel Freq. (MHz) eq. ERROR vs. VC 2593.000020 2593.000005 2593.000017 2592.999984 Freq. ERROR vs. 2592.999993 2593.000017 2592.999998 2593.000007 | 2593.0000 (ppm) DLTAGE 0.0076 0.0021 0.0065 -0.0061 Temp. -0.0026 0.0065 -0.0007 0.0026 | Limit +/- 2.5 ppm | | |
| Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3 | Cl Temp. (℃) Fre 25 25 25 25 25 25 -20 -10 0 10 | B41 Mid nannel Freq. (MHz) eq. ERROR vs. VC 2593.000020 2593.000005 2593.000017 2592.999984 Freq. ERROR vs. 2592.999993 2593.000017 2592.999998 2593.000007 2592.999990 | 2593.0000 (ppm) DLTAGE 0.0076 0.0021 0.0065 -0.0061 Temp. -0.0026 0.0065 -0.0007 0.0026 -0.0038 | Limit +/- 2.5 ppm | | |
| Power Supply Vdc 4.37 3.8 3.23 3.4 (End Point) 3.8 3 | Cl Temp. (°C) 25 25 25 25 25 25 25 4 -30 -30 -10 0 10 20 | B41 Mid nannel Freq. (MHz) eq. ERROR vs. VC 2593.000020 2593.000005 2593.000017 2592.999984 Freq. ERROR vs. 2592.999993 2593.000017 2592.999998 2593.000007 2592.999990 2592.999980 | 2593.0000 (ppm) DLTAGE 0.0076 0.0021 0.0065 -0.0061 Temp. -0.0026 0.0065 -0.0007 0.0026 -0.0038 -0.0038 -0.0077 | Limit +/- 2.5 ppm | | |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

t (886-2) 2299-3279

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 www.sgs.com.tw

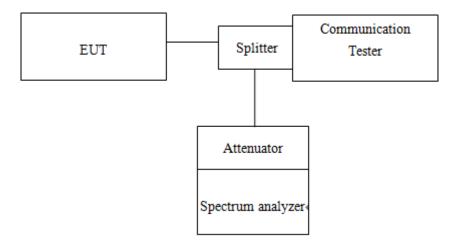


12 PEAK TO AVERAGE RATIO

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.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.



12.4 **Measurement Result**

| | LTE BAND 2 | | | | | | | | | |
|--------|------------|-------------|-------|--------|------------|------------|-------|--|--|--|
| Char | nnel bandv | vidth: 1.4M | lHz | Cha | annel band | width: 3MH | lz | | | |
| Freq. | СН | PAPR | (dB) | Freq. | СН | PAPR | (dB) | | | |
| (MHz) | OIT | 64QAM | Limit | (MHz) | OIT | 64QAM | Limit | | | |
| 1850.7 | 18607 | 6.72 | 13 | 1851.5 | 18615 | 6.56 | 13 | | | |
| 1880.0 | 18900 | 6.83 | 13 | 1880.0 | 18900 | 6.51 | 13 | | | |
| 1909.3 | 19193 | 6.35 | 13 | 1908.5 | 19185 | 6.29 | 13 | | | |

| LTE BAND 2 | | | | | | | | | |
|------------|------------|------------|-------|--------|-----------|------------|-------|--|--|
| Cha | annel band | width: 5MH | Ηz | Cha | nnel band | width: 10M | Hz | | |
| Freq. | СН | PAPR | (dB) | Freq. | СН | PAPR | (dB) | | |
| (MHz) | OIT | 64QAM | Limit | (MHz) | OIT | 64QAM | Limit | | |
| 1852.5 | 18625 | 6.47 | 13 | 1855.0 | 18650 | 6.90 | 13 | | |
| 1880.0 | 18900 | 6.93 | 13 | 1880.0 | 18900 | 6.34 | 13 | | |
| 1907.5 | 19175 | 6.49 | 13 | 1905.0 | 19150 | 6.96 | 13 | | |

| | LTE BAND 2 | | | | | | | | |
|--------|--------------------------|-------|-----------|--------|------------|------------|-------|--|--|
| Cha | Channel bandwidth: 15MHz | | | | nnel bandv | width: 20M | Hz | | |
| Freq. | СН | PAPR | PAPR (dB) | | СН | PAPR | (dB) | | |
| (MHz) | OIT | 64QAM | Limit | (MHz) | OIT | 64QAM | Limit | | |
| 1857.5 | 18675 | 6.70 | 13 | 1860.0 | 18700 | 6.33 | 13 | | |
| 1880.0 | 18900 | 6.07 | 13 | 1880.0 | 18900 | 6.76 | 13 | | |
| 1902.5 | 19125 | 6.24 | 13 | 1900.0 | 19100 | 6.53 | 13 | | |

| LTE BAND 4 | | | | | | | | | |
|------------|------------|-------------|-------|--------|------------|------------|-------|--|--|
| Char | nnel bandv | vidth: 1.4M | lHz | Cha | annel band | width: 3MH | Ηz | | |
| Freq. | СН | PAPR | (dB) | Freq. | СН | PAPR | (dB) | | |
| (MHz) | On | 64QAM | Limit | (MHz) | GIT | 64QAM | Limit | | |
| 1710.7 | 19957 | 6.80 | 13 | 1711.5 | 19965 | 6.77 | 13 | | |
| 1732.5 | 20175 | 5.64 | 13 | 1732.5 | 20175 | 6.17 | 13 | | |
| 1754.3 | 20393 | 6.82 | 13 | 1753.5 | 20385 | 6.59 | 13 | | |

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測试之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. SGS Taiwan Ltd.



| | LTE BAND 4 | | | | | | | | | |
|--------|------------|------------|-------|--------|------------|------------|-------|--|--|--|
| Cha | annel band | width: 5MH | Ηz | Cha | nnel bandv | width: 10M | Hz | | | |
| Freq. | СН | PAPR | (dB) | Freq. | СН | PAPR | (dB) | | | |
| (MHz) | OIT | 64QAM | Limit | (MHz) | OIT | 64QAM | Limit | | | |
| 1712.5 | 19975 | 7.08 | 13 | 1715.0 | 20000 | 7.02 | 13 | | | |
| 1732.5 | 20175 | 5.88 | 13 | 1732.5 | 20175 | 5.99 | 13 | | | |
| 1752.5 | 20375 | 6.56 | 13 | 1750.0 | 20350 | 6.72 | 13 | | | |

| LTE BAND 4 | | | | | | | | | |
|------------|------------|------------|-------|--------|------------|------------|-------|--|--|
| Cha | nnel bandv | width: 15M | Hz | Cha | nnel bandv | width: 20M | Hz | | |
| Freq. | СН | PAPR | (dB) | Freq. | СН | PAPR | (dB) | | |
| (MHz) | OIT | 64QAM | Limit | (MHz) | GH | 64QAM | Limit | | |
| 1717.5 | 20025 | 6.63 | 13 | 1720.0 | 20050 | 6.38 | 13 | | |
| 1732.5 | 20175 | 5.82 | 13 | 1732.5 | 20175 | 5.98 | 13 | | |
| 1747.5 | 20325 | 6.26 | 13 | 1745.0 | 20300 | 6.47 | 13 | | |

| LTE BAND 5 | | | | | | | | | |
|------------|------------|-------------|-------|-------|------------|------------|-------|--|--|
| Char | nnel bandv | vidth: 1.4M | lHz | Cha | annel band | width: 3MH | Ηz | | |
| Freq. | СН | PAPR | (dB) | Freq. | СН | PAPR | (dB) | | |
| (MHz) | On | 64QAM | Limit | (MHz) | On | 64QAM | Limit | | |
| 824.7 | 20407 | 6.19 | 13 | 825.5 | 20415 | 5.97 | 13 | | |
| 836.5 | 20525 | 6.27 | 13 | 836.5 | 20525 | 6.16 | 13 | | |
| 848.3 | 20643 | 5.93 | 13 | 847.5 | 20635 | 6.75 | 13 | | |

| | LTE BAND 5 | | | | | | | | | |
|-------|------------|------------|-------|-------|------------|------------|-------|--|--|--|
| Cha | annel band | width: 5MH | Ηz | Cha | nnel bandv | width: 10M | Hz | | | |
| Freq. | СН | PAPR | (dB) | Freq. | СН | PAPR | (dB) | | | |
| (MHz) | OIT | 64QAM | Limit | (MHz) | GIT | 64QAM | Limit | | | |
| 826.5 | 20425 | 5.89 | 13 | 829.0 | 20450 | 6.30 | 13 | | | |
| 836.5 | 20525 | 6.17 | 13 | 836.5 | 20525 | 6.33 | 13 | | | |
| 846.5 | 20625 | 6.35 | 13 | 844.0 | 20600 | 6.27 | 13 | | | |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

t (886-2) 2299-3279

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



| | LTE BAND 12 | | | | | | | | | |
|-------|---------------------------|-------|-------|-------------------------|-------|-------|-------|--|--|--|
| Char | Channel bandwidth: 1.4MHz | | | Channel bandwidth: 3MHz | | | | | | |
| Freq. | СН | PAPR | (dB) | Freq. | СН | PAPR | (dB) | | | |
| (MHz) | OIT | 64QAM | Limit | (MHz) | OIT | 64QAM | Limit | | | |
| 699.7 | 23017 | 6.90 | 13 | 700.5 | 23025 | 5.99 | 13 | | | |
| 707.5 | 23095 | 6.70 | 13 | 707.5 | 23095 | 6.86 | 13 | | | |
| 715.3 | 23173 | 6.76 | 13 | 714.5 | 23165 | 7.25 | 13 | | | |

| | LTE BAND 12 | | | | | | | | | |
|-------|-------------|------------|-------|-------|------------------------|-----------|-------|--|--|--|
| Cha | annel band | width: 5MH | Ηz | Cha | annel bandwidth: 10MHz | | | | | |
| Freq. | СН | PAPR | (dB) | Freq. | СН | PAPR (dB) | | | | |
| (MHz) | On | 64QAM | Limit | (MHz) | Сп | 64QAM | Limit | | | |
| 701.5 | 23035 | 6.52 | 13 | 704.0 | 23060 | 6.45 | 13 | | | |
| 707.5 | 23095 | 6.73 | 13 | 707.5 | 23095 | 6.28 | 13 | | | |
| 713.5 | 23155 | 6.45 | 13 | 711.0 | 23130 | 6.49 | 13 | | | |

| | LTE BAND 17 | | | | | | | | | |
|-------------------------|-------------|-------|-------|------------|------------|-----------|-------|--|--|--|
| Channel bandwidth: 5MHz | | | Cha | nnel bandv | width: 10M | Hz | | | | |
| Freq. | СН | PAPR | (dB) | Freq. | СН | PAPR (dB) | | | | |
| (MHz) | On | 64QAM | Limit | (MHz) | On | 64QAM | Limit | | | |
| 706.5 | 23755 | 6.37 | 13 | 709.0 | 23780 | 6.40 | 13 | | | |
| 710.0 | 23790 | 6.43 | 13 | 710.0 | 23790 | 6.17 | 13 | | | |
| 713.5 | 23825 | 6.35 | 13 | 711.0 | 23800 | 6.74 | 13 | | | |

| | LTE BAND 26 | | | | | | | | | |
|-------|---------------------------|-------|-------|-------|------------|------------|-------|--|--|--|
| Char | Channel bandwidth: 1.4MHz | | | Cha | annel band | width: 3MH | Ηz | | | |
| Freq. | СН | PAPR | (dB) | Freq. | СН | PAPR (dB) | | | | |
| (MHz) | On | 64QAM | Limit | (MHz) | Сп | 64QAM | Limit | | | |
| 814.7 | 26697 | 5.78 | 13 | 815.5 | 26705 | 5.85 | 13 | | | |
| 831.5 | 26865 | 6.33 | 13 | 831.5 | 26865 | 6.41 | 13 | | | |
| 848.3 | 27033 | 6.07 | 13 | 847.5 | 27025 | 6.21 | 13 | | | |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

t (886-2) 2299-3279

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



| | LTE BAND 26 | | | | | | | | | |
|-------------------------|-------------|-------|--------------------------|-------|-------|-------|-------|--|--|--|
| Channel bandwidth: 5MHz | | | Channel bandwidth: 10MHz | | | | | | | |
| Freq. | СН | PAPR | (dB) | Freq. | СН | PAPR | (dB) | | | |
| (MHz) | On | 64QAM | Limit | (MHz) | On | 64QAM | Limit | | | |
| 816.5 | 26715 | 6.40 | 13 | 820.0 | 26750 | 6.45 | 13 | | | |
| 831.5 | 26865 | 6.45 | 13 | 831.5 | 26865 | 6.79 | 13 | | | |
| 846.5 | 27015 | 5.97 | 13 | 844.0 | 26990 | 6.34 | 13 | | | |

| | LTE BAND 26 | | | | | | | | |
|----------------|--------------------------|-------|-------|--|--|--|--|--|--|
| Cha | Channel bandwidth: 15MHz | | | | | | | | |
| Freq. (MHz) | СН | PAPR | (dB) | | | | | | |
| (MHz) | On | 64QAM | Limit | | | | | | |
| 822.5 | 26775 | 6.04 | 13 | | | | | | |
| 831.5 | 26865 | 6.41 | 13 | | | | | | |
| 841.5 | 26965 | 6.18 | 13 | | | | | | |

| | LTE BAND 26 for part 90S | | | | | | | | | |
|-------|--------------------------|-----------------------|-------|-------|------------|------------|-------|--|--|--|
| Char | nnel bandv | nel bandwidth: 1.4MHz | | | annel band | width: 3MH | Ηz | | | |
| Freq. | СН | PAPR | (dB) | Freq. | СН | PAPR (dB) | | | | |
| (MHz) | On | 64QAM | Limit | (MHz) | Сп | 64QAM | Limit | | | |
| 814.7 | 26697 | 6.31 | 13 | 815.5 | 26705 | 6.22 | 13 | | | |
| 819.0 | 26740 | 6.58 | 13 | 819 | 26740 | 6.78 | 13 | | | |
| 823.3 | 26783 | 5.37 | 13 | 822.5 | 26775 | 6.68 | 13 | | | |

| | LTE BAND 26 for part 90S | | | | | | | | | |
|-------|--------------------------|-------|-------|--------------------------|-------|-----------|-------|--|--|--|
| Cha | Channel bandwidth: 5MHz | | | Channel bandwidth: 10MHz | | | | | | |
| Freq. | СН | PAPR | (dB) | Freq. | СН | PAPR (dB) | | | | |
| (MHz) | On | 64QAM | Limit | (MHz) | On | 64QAM | Limit | | | |
| 816.5 | 26715 | 7.10 | 13 | | | | | | | |
| 819.0 | 26740 | 6.61 | 13 | 819.0 | 26740 | 6.78 | 13 | | | |
| 821.5 | 26765 | 6.49 | 13 | | | | | | | |

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

t (886-2) 2299-3279

除非方方就明,此報告結果僅對測試之樣品負責,问時此樣品僅保留則天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>http://www.sgs.com.tw/Terms-and-Conditions</u> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <u>http://www.sgs.com.tw/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.



| | LTE BAND 41 | | | | | | | | | |
|-------------------------|-------------|-------|-------|------------|------------|-------|-----------|--|--|--|
| Channel bandwidth: 5MHz | | | Cha | nnel bandv | width: 10M | Hz | | | | |
| Freq. | СН | PAPR | (dB) | Freq. | СН | PAPR | PAPR (dB) | | | |
| (MHz) | On | 64QAM | Limit | (MHz) | Сп | 64QAM | Limit | | | |
| 2498.5 | 39675 | 10.71 | 13 | 2501.0 | 39700 | 6.91 | 13 | | | |
| 2593.0 | 40620 | 12.67 | 13 | 2593.0 | 40620 | 6.65 | 13 | | | |
| 2687.5 | 41565 | 8.52 | 13 | 2685.0 | 41540 | 9.75 | 13 | | | |

| | LTE BAND 41 | | | | | | | | | |
|--------|--------------------------|-------|-------|--------|------------|------------|-------|--|--|--|
| Cha | Channel bandwidth: 15MHz | | | Cha | nnel bandv | width: 20M | Hz | | | |
| Freq. | СН | PAPR | (dB) | Freq. | СН | PAPR (dB) | | | | |
| (MHz) | On | 64QAM | Limit | (MHz) | СП | 64QAM | Limit | | | |
| 2503.5 | 39725 | 6.60 | 13 | 2506.0 | 39750 | 9.27 | 13 | | | |
| 2593.0 | 40620 | 7.62 | 13 | 2593.0 | 40620 | 6.74 | 13 | | | |
| 2682.5 | 41515 | 6.38 | 13 | 2680.0 | 41490 | 6.49 | 13 | | | |

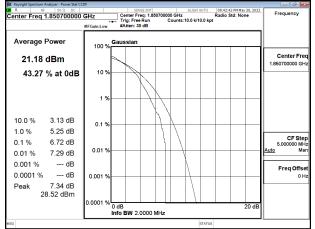
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only. 除非另有說明,此報告結果僅對測试之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。 This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemni-fication and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 SGS Taiwan Ltd. www.sgs.com.tw



Report No.: TERF2204000399E2 Page: 222 of 237

Band2_1.4MHz_64QAM_RB6_0_CH18607



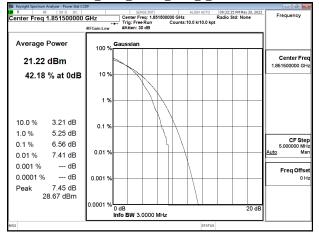
SENSE:INT ALIGN AUTO Center Freq: 1.880000000 GHz Trig: Free Run Counts:10.0 k/10.0 kpt Frequency enter Freq 1.880000000 GHz Radio Std: None Average Power 100 Center Fre 21.19 dBm 10 9 43.66 % at 0dB 1 10.0 % 2.95 dB 0.1 1.0 % 5.24 dB CF Step 5.000000 MH 0.1 % 6.83 dB 0.01 0.01 % 7.54 dB --- dB 0.001 % Freq Offs --- dB 0.0001 % 0.001 Peak 7.54 dB 28.73 dBm .0001 0 dB Info BW 2.0000 MHz

Band2 1.4MHz 64QAM RB6 0 CH18900

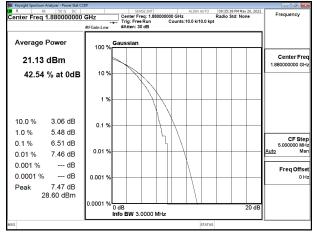
Band2_1.4MHz_64QAM_RB6_0_CH19193

| Keysight Spectrum Analyzer - Power Stat Co | LOF | | - 3 - |
|--|-------------------|--|--------------------------------------|
| R RF 50 Ω DC Center Freq 1.909300000 | GHz #FGain:Low | SENSE:INT ALIGN AUTO 109:48:36 PM May 20, 2022 Center Freq: 1.909300000 GHz Radio Std: None Trig: Free Run Counts: 10.0 k/10.0 kpt #Atten: 30 dB | Frequency |
| Average Power | 100 % | Gaussian | |
| 21.29 dBm | | | Center Fre 1.909300000 GH |
| 43.13 % at 0dB | 10 % | | |
| | 1% | | |
| 10.0 % 3.00 dB | 0.1 % | | |
| 1.0 % 5.29 dB 0.1 % 6.35 dB 0.01 % 6.72 dB | 0.01 % | | CF Sto 5.000000 M <u>ato</u> M |
| 0.001 % dB 0.0001 % dB | 0.001 % | | Freq Offs 0 |
| Peak 6.77 dB 28.06 dBm | | | |
| | 0.0001 % | 0 dB 20 dB Info BW 2.0000 MHz | |
| ISG | | STATUS | |

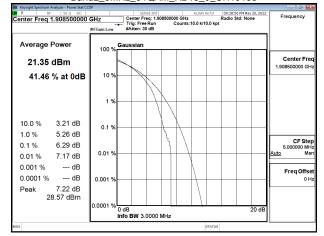
Band2 3MHz 64QAM RB15 0 CH18615



Band2_3MHz_64QAM_RB15_0_CH18900



Band2_3MHz_64QAM_RB15_0_CH19185



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司

SGS Taiwan Ltd.

t (886-2) 2299-3279

f (886-2) 2298-0488

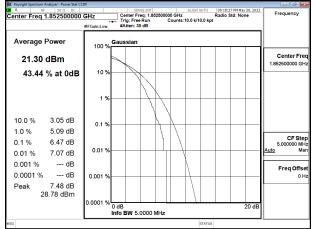
No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 www.sgs.com.tw

Member of SGS Group

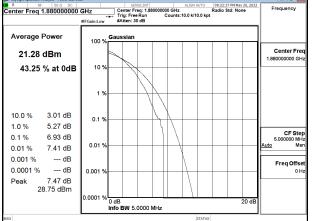


Report No.: TERF2204000399E2 Page: 223 of 237

Band2_5MHz_64QAM_RB25_0_CH18625



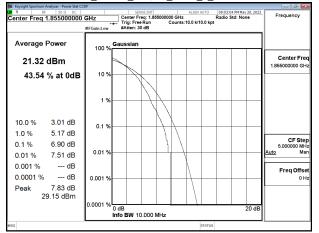
Band2_5MHz_64QAM_RB25_0_CH18900



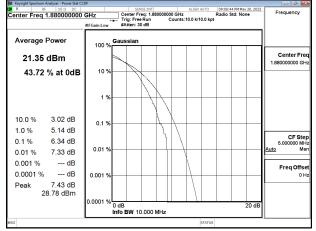
Band2_5MHz_64QAM_RB25_0_CH19175

| 🗰 Keysight Spectrum Analyzer - Power Stat C | | - 4 × |
|---|--|--|
| × R R∈ 50Ω DC Center Freq 1.907500000 | GHz Center Freq 1.907600000 GHz Radio Std: None Trig: Freq Run Counts:10.0 k/10.0 kpt | Frequency |
| | #FGainLow #Atten: 30 dB | |
| Average Power | 100 % Gaussian | |
| 21.47 dBm | | Center Free 1.907500000 GH |
| 43.57 % at 0dB | 10 % | |
| | 1% | |
| 10.0 % 3.01 dB 1.0 % 5.14 dB | 0.1 % | |
| 0.1 % 6.49 dB 0.01 % 7.14 dB | 0.01 % | CF Step 5.000000 MH <u>Auto</u> Ma |
| 0.001 % dB 0.0001 % dB Peak 7.56 dB | 0.001 % | Freq Offse 0 H |
| 29.03 dBm | 0.0001 % 0 dB 20 dB | |

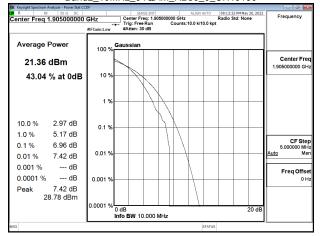
Band2_10MHz_64QAM_RB50_0_CH18650



Band2_10MHz_64QAM_RB50_0_CH18900







Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司

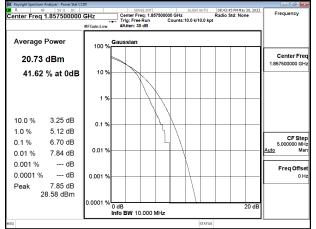
SGS Taiwan Ltd.

t (886-2) 2299-3279



Report No.: TERF2204000399E2 Page: 224 of 237

Band2_15MHz_64QAM_RB75_0_CH18675



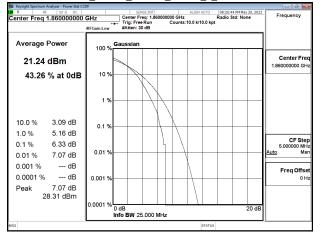
Frequency enter Freq 1.880000000 GHz Center Freq: 1.880000000 GHz Trig: Free Run Counts:10.0 k/10.0 kpt Radio Std: None Average Power 100 Center Fre 20.83 dBm 10 9 43.62 % at 0dB 1 10.0 % 3.09 dB 0.1 1.0 % 5.16 dB CF Step 5.000000 MH 0.1 % 6.07 dB 0.01 0.01 % 7.02 dB --- dB 0.001 % Freq Offs --- dB 0.0001 % 0.001 Peak 7.16 dB 27.99 dBm .0001 0 dB Info BW 10.000 MHz

Band2 15MHz 64QAM RB75 0 CH18900

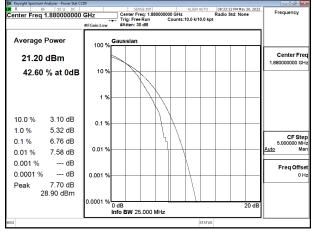
Band2_15MHz_64QAM_RB75_0_CH19125

| 📕 Keysight Spectrum Analyzer - Power Stat CC | | - a 🕹 |
|--|---|--|
| R RF 50Ω DC Center Freq 1.902500000 | SENSE:INT ALIGN AUTO 08:51:21 PM May 20,2022 GHz Center Freq: 1.902500000 GHz Radio Std: None | Frequency |
| • | #FGain:Low #Atten: 30 dB | |
| Average Power | Gaussian | |
| 20.86 dBm | | Center Freq 1.902500000 GHz |
| 44.80 % at 0dB | 10 % | |
| | 1% | |
| 10.0 % 3.06 dB | 0.1 % | |
| 0.1 % 6.24 dB 0.01 % 6.92 dB | 0.01 % | CF Step 5.000000 MHz <u>Auto</u> Man |
| 0.001 % dB 0.0001 % dB | 0.001 % | Freq Offsel 0 Hz |
| Peak 6.94 dB 27.80 dBm | | |
| | 0.0001 % 0 dB 20 dB 20 dB | |
| MSG | STATUS | |

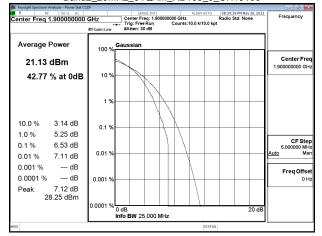
Band2_20MHz_64QAM_RB100_0_CH18700



Band2 20MHz 64QAM RB100 0 CH18900







Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司

SGS Taiwan Ltd.

t (886-2) 2299-3279

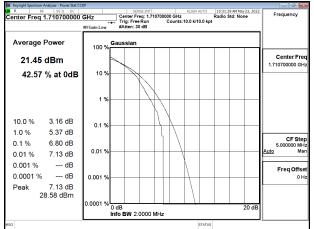
f (886-2) 2298-0488

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 www.sgs.com.tw



Report No.: TERF2204000399E2 Page: 225 of 237

Band4_1.4MHz_64QAM_RB6_0_CH19957



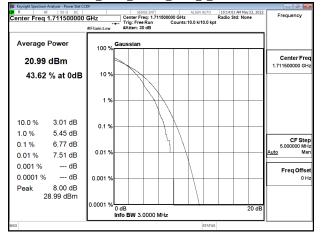
SENSE:INT ALIGN AUTO Center Freq: 1.732500000 GHz Trig: Free Run Counts:10.0 k/10.0 kpt Frequency enter Freq 1.732500000 GHz Radio Std: None Average Power 100 Center Fre 22.28 dBm 10 9 45.89 % at 0dB 1 10.0 % 2.85 dB 0.1 1.0 % 4.68 dB CF Step 5.000000 MH 0.1 % 5.64 dB 0.01 0.01 % 5.95 dB ---- dB 0.001 % Freq Offs --- dB 0.0001 % 0.001 Peak 5.96 dB 28.24 dBm .0001 0 dB Info BW 2.0000 MHz

Band4 1.4MHz 64QAM RB6 0 CH20175

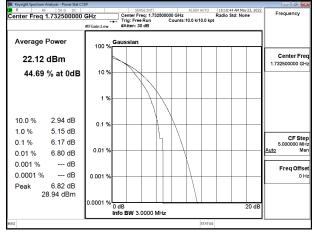
Band4_1.4MHz_64QAM_RB6_0_CH20393

| Keysight Spectrum Analyzer - Power Stat CC | | - 3 🗙 |
|--|---|--|
| Center Freq 1.754300000 | SENSE:INT ALIGN AUTO 10:39:52 AM May 23, 202 GHz Center Freq: 1.754300000 GHz Radio Std: None | 2 Frequency |
| | #FGain:Low #Atten: 30 dB | |
| Average Power | 100 % Gaussian |] |
| 21.37 dBm | | Center Fred 1.754300000 GHz |
| 42.89 % at 0dB | 10 % | |
| | 1% | |
| 10.0 % 3.00 dB 1.0 % 5.35 dB | 0.1 % | - |
| 0.1 % 6.82 dB 0.01 % 7.07 dB | 0.01 % | CF Step 5.000000 MH; <u>Auto</u> Mar |
| 0.001 % dB 0.0001 % dB | 0.001 % | Freq Offset |
| Peak 7.11 dB 28.48 dBm | 0.0001 % | |
| | 0.000 1 % 0 dB 20 dE Info BW 2.0000 MHz | |
| MSG | STATUS | - |

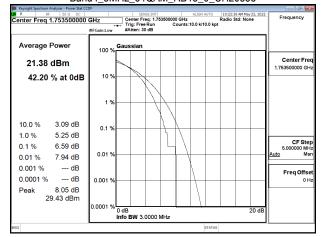
Band4_3MHz_64QAM_RB15_0_CH19965



Band4_3MHz_64QAM_RB15_0_CH20175



Band4_3MHz_64QAM_RB15_0_CH20385



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司

SGS Taiwan Ltd.

t (886-2) 2299-3279

f (886-2) 2298-0488

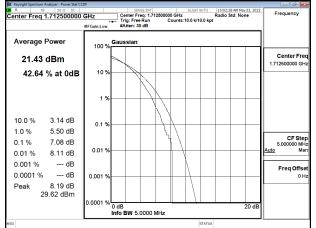
No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號 www.sgs.com.tw

Member of SGS Group

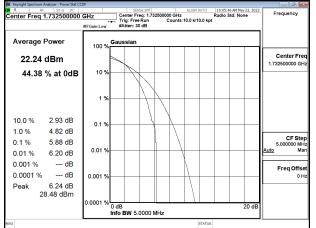


Report No.: TERF2204000399E2 Page: 226 of 237

Band4_5MHz_64QAM_RB25_0_CH19975



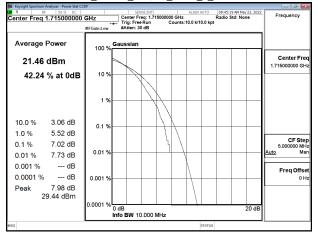
Band4_5MHz_64QAM_RB25_0_CH20175



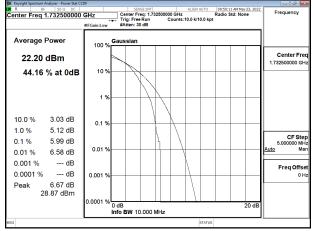
Band4_5MHz_64QAM_RB25_0_CH20375

| Keysight Spectrum Analyzer - Power Stat C | IDF | |
|---|-------------------|--|
| R RF 50 Ω DC Center Freq 1.752500000 | GHz #FGain:Low | SENSE:INT ALIGN AUTO 10:09:24 AM Nay 23, 2022 Center Freq: 1.7525600000 GHz Radio Std: None Trig: Free Run Counts: 10.0 k/10.0 kpt #Atten: 30 dB |
| Average Power | 100 % | Gaussian |
| 21.43 dBm | | Center Fre 1.75250000 G |
| 41.97 % at 0dB | 10 % | |
| 10.0 % 3.10 dB 1.0 % 5.33 dB | 0.1 % | |
| 0.1 % 6.56 dB 0.01 % 7.99 dB | 0.01 % | CF St 5.000000 M Auto |
| 0.001 % dB 0.0001 % dB Peak 7.99 dB | 0.001 % | Freq Offs 0 |
| 29.42 dBm | 0.0001 % | 0 dB 20 dB Info BW 5.0000 MHz |

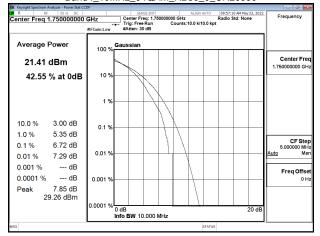
Band4_10MHz_64QAM_RB50_0_CH20000



Band4_10MHz_64QAM_RB50_0_CH20175







Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司

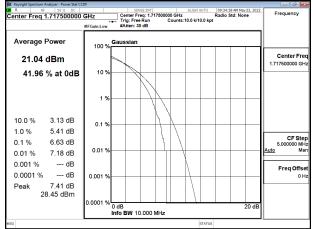
SGS Taiwan Ltd.

t (886-2) 2299-3279



Report No.: TERF2204000399E2 Page: 227 of 237

Band4_15MHz_64QAM_RB75_0_CH20025



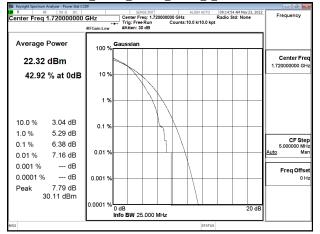
Frequency enter Freq 1.732500000 GHz Center Freq: 1.732500000 GHz Trig: Free Run Counts:10.0 k/10.0 kpt Radio Std: None Average Power 100 Center Free 21.73 dBm 10 9 45.63 % at 0dB 1 10.0 % 2.92 dB 0.1 1.0 % 4.92 dB CF Step 5.000000 MH 0.1 % 5.82 dB 0.01 0.01 % 6.14 dB --- dB 0.001 % Freq Offs --- dB 0.0001 % 0.001 Peak 6.31 dB 28.04 dBm 0.0001 0 dB Info BW 10.000 MHz

Band4 15MHz 64QAM RB75 0 CH20175

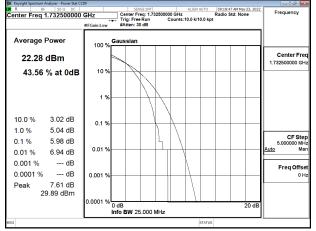
Band4_15MHz_64QAM_RB75_0_CH20325

| 🗱 Keysight Spectrum Analyzer - Power Stat Cl | IDF | | | |
|--|--------------------|---|--------------------------------------|------------------------------------|
| 04 R RF 50 Ω DC | | SENSE:INT | | May 23, 2022 None Frequency |
| Center Freq 1.747500000 | GHz #IFGain:Low | Center Freq: 1.747500000 GH Trig: Free Run Coun #Atten: 30 dB | Hz Radio Std: its:10.0 k/10.0 kpt | None |
| Average Power | 100 % | Gaussian | | |
| 20.93 dBm | | | | Center Free 1.747500000 GH |
| 42.89 % at 0dB | 10 % | | | |
| | 1%- | | | |
| 10.0 % 3.19 dB 1.0 % 5.16 dB | 0.1 % | | | |
| 0.1 % 6.27 dB 0.01 % 6.74 dB | 0.01 % | | | CF Step 5.000000 MH Auto Mar |
| 0.001 % dB 0.0001 % dB | | | | Freq Offse |
| 0.0001 % dB Peak 7.14 dB 28.07 dBm | 0.001 %- | | | 0H |
| 20.07 0011 | |) dB nfo BW 10.000 MHz | | 20 dB |
| MSG | | | STATUS | I |

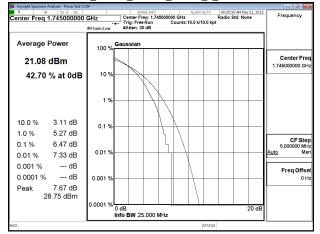
Band4_20MHz_64QAM_RB100_0_CH20050



Band4 20MHz 64QAM RB100 0 CH20175







Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

台灣檢驗科技股份有限公司

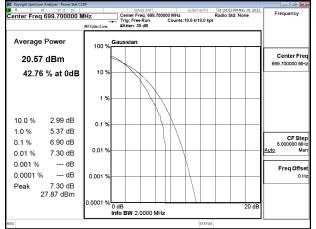
SGS Taiwan Ltd.

t (886-2) 2299-3279



Report No.: TERF2204000399E2 Page: 228 of 237

Band12_1.4MHz_64QAM_RB6_0_CH23017



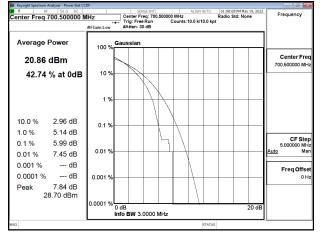
SENSE:INT ALIGN AUTO Center Freq: 707.500000 MHz Trig: Free Run Counts:10.0 k/10.0 kpt Frequency enter Freq 707.500000 MHz Radio Std: None Average Power 100 Center Fre 707.500000 MH 20.91 dBm 10 9 42.14 % at 0dB 1 10.0 % 3.05 dB 0.1 1.0 % 5.45 dB CF Step 5.000000 MH 0.1 % 6.70 dB 0.01 0.01 % 7.04 dB --- dB 0.001 % Freq Offs --- dB 0.0001 % 0.001 Peak 7.05 dB 27.96 dBm .0001 0 dB Info BW 2.0000 MHz

Band12 1.4MHz 64QAM RB6 0 CH23095

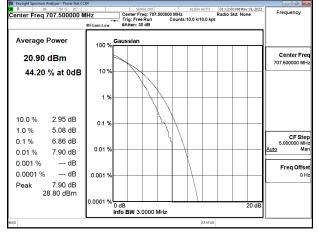
Band12_1.4MHz_64QAM_RB6_0_CH23173

| 🗱 Keysight Spectrum Analyzer - Power Stat CCI | | - J 🕹 📉 |
|---|---|--|
| Center Freq 715.300000 M | SENSE:INT ALIGN AUTO 01:42:35 PM May 19, 202 Hz Center Freq: 715.300000 MHz Radio Std: None Trid: Free Run Counts:10.0 k/10.0 kpt | Frequency |
| | HFGain:Low #Atten: 30 dB | _ |
| Average Power | 100 % Gaussian | |
| 20.64 dBm | | Center Free 715.300000 MH |
| 42.63 % at 0dB | 10 % | - |
| | 1% | - |
| 10.0 % 3.07 dB 1.0 % 5.44 dB | 0.1 % | _ |
| 0.1 % 6.77 dB 0.01 % 7.33 dB | 0.01 % | CF Stej 5.000000 MH <u>Auto</u> Ma |
| 0.001 % dB 0.0001 % dB Peak 7.34 dB | 0.001 % | Freq Offse 0 H |
| 27.98 dBm | 0.0001 % 0 dB 20 dE | 3 |
| MSG | STATUS | |

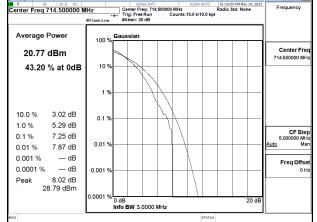
Band12_3MHz_64QAM_RB15_0_CH23025



Band12_3MHz_64QAM_RB15_0_CH23095







Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明,此報告結果僅對測試之樣品負責,同時此樣品僅保留90天。本報告未經本公司書面許可,不可部份複製。

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions and for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com.tw/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Taiwan Ltd.

t (886-2) 2299-3279