

| RL RF 50 Ω AC | | SENSE:INT | ALIGN AUTO | 02:21:46 PM Dec 04, 2024 | Frequency |
|---|---------------------------|---------------------------------|---|--|---|
| enter Freq 5.01500000 | PNO: Fast ↔ IFGain:Low | Trig: Free Run #Atten: 20 dB | #Avg Type: RMS | TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P P P P P P | Frequency |
| dB/div Ref 10.00 dBm | | | Mkr | 1 7.278 19 GHz -57.926 dBm | Auto Tune |
| | | | | | Center Free 5.015000000 GH |
| 0.0 | | | 1 | | Start Fre 30.000000 MH |
| 0.0 | mun munder | Jacobin Bartanda and an and | lenten Marthalista and an and a grade a | ¹³⁴ 1447-444494949494949 | Stop Fre 10.000000000 GH |
| tart 30 MHz Res BW 1.0 MHz | #VB\ | N 3.0 MHz | Sweep 1 | Stop 10.000 GHz 6.67 ms (1001 pts) | CF Ste 997.000000 MH <u>Auto</u> Ma |
| 1 N 1 f 7.2 2 N 1 f 1.8 3 3 4 5 5 5 6 6 7 7 | 278 19 GHz 884 42 GHz | -57.926 dBm -0.138 dBm | | E | Freq Offse 0 H |
| 8 9 9 9 9 9 9 9 1 | | m | | - | |

LTE2_3 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA | | | | | - 6 × |
|---|--|-----------------------------------|---|---|------------------------------------|
| RL RF 50 Ω AC Center Freq 5.01500000 | 0 GHz | SENSE:INT | ALIGN AUTO #Avg Type: RMS | 02:22:28 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 | Frequency |
| | PNO: Fast ++ IFGain:Low | #Atten: 20 dB | | TYPE MWWWWW DET PPPPP | 4020 |
| 0 dB/div Ref 10.00 dBm | | | Mkr | 1 3.100 76 GHz -57.722 dBm | Auto Tune |
| | | | | | Center Fre 5.015000000 GH |
| 00 | 1 | | | | Start Fre 30.000000 MH |
| 0.0 0.0 0.0 | washer and the second of the second of the second | ang proved and a second street | under and the second | ۲۰۲۰ میروند. مراجعهای میروند میروند میروند از ۲۰ | Stop Fre 10.000000000 GH |
| tart 30 MHz Res BW 1.0 MHz | | / 3.0 MHz | | Stop 10.000 GHz 6.67 ms (1001 pts) | CF Ste 997.000000 MH Auto Ma |
| | .100 76 GHz .914 33 GHz | Y FU -57.722 dBm -0.179 dBm | NCTION FUNCTION WIDTH | FUNCTION VALUE | Freq Offse |
| 5 6 7 8 9 | | | | E | |
| | | m | | - | , |
| G | | | STATUS | | |

LTE2_3 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



| RL RF 50Ω AC | SENSE: | | 02:23:19 PM Dec 04, 2024 | Pri anna an |
|--|--|--|---|------------------------------------|
| enter Freq 5.01500000 | PNO: Fast +++ Trig: Free Ru IFGain:Low #Atten: 20 dl | | TRACE 23456 TYPE MWWWW DET PPPPP | Frequency |
| 0 dB/div Ref 10.00 dBm | | Mkr | 1 3.718 90 GHz -57.530 dBm | Auto Tune |
| | | | | Center Free 5.015000000 GH |
| | 1 | | | Start Fre 30.000000 MH |
| 50.0 _{mythill} fall _{ed} wh at yezh a sea an an a t sea what w | and the second sec | an-uh Kandafu Bahyyana yana yana yana yana kasa dala k | nandrene fan en | Stop Fre 10.000000000 GH |
| tart 30 MHz Res BW 1.0 MHz | #VBW 3.0 MHz | Sweep 1 | Stop 10.000 GHz 6.67 ms (1001 pts) | CF Ste 997.000000 MH Auto Ma |
| 1 N 1 f 3.7 2 N 1 f 1.8 3 - - - - 4 - - - - 5 - - - - - 6 - - - - - - 7 - <td>718 90 GHz -57.530 dBm 354 51 GHz -0.257 dBm</td> <td></td> <td></td> <td>Freq Offse 0 H</td> | 718 90 GHz -57.530 dBm 354 51 GHz -0.257 dBm | | | Freq Offse 0 H |
| 8 9 10 11 12 | | | | |

LTE2_5 M_CSE(30 M-10 G)_Lowest Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA | | | | Transmin Min. Com | |
|--------------------------------------|----------------------------|-----------------------------------|--------------------------------------|--|---|
| Center Freq 5.01500000 | PNO: Fast ++ | . Trig: Free Run #Atten: 20 dB | ALIGN AUTO #Avg Type: RMS | 02:24:11 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P | Frequency |
| 0 dB/div Ref 10.00 dBm | IFGain:Low | #Atten, 20 db | Mkr | 1 3.688 99 GHz -56.735 dBm | Auto Tune |
| cg 2 0.00 10.0 20.0 | | | | | Center Free 5.015000000 GH |
| | 1 | | | | Start Fre 30.000000 MH |
| 50.0 | erren de frankren de frank | - Bright martiness | للروب بحريبه جاليها ليرز حمو المخصيص | un man man and the faile of | Stop Fre 10.000000000 GH |
| tart 30 MHz Res BW 1.0 MHz | | 3.0 MHz | Sweep 1 | Stop 10.000 GHz 6.67 ms (1001 pts) | CF Ste 997.000000 MH <u>Auto</u> Ma |
| 1 N 1 f 3. | 688 99 GHz 874 45 GHz | -56.735 dBm -0.237 dBm | Pone lon with the | E | Freq Offse 0 H |
| 8 | | m | | - | |
| SG | | | STATUS | 1 | |

LTE2_5 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA | | | | Terman and the | - 6 🔀 |
|---|--|--|--|--|---|
| e RL RF 50Ω AC Center Freq 5.015000000 | PNO: Fast +++ Iri | g: Free Run tten: 20 dB | ALIGN AUTO #Avg Type: RMS | 02:24:53 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P P | Frequency |
| 0 dB/div Ref 10.00 dBm | IFGain:Low #A | 10 GD | Mkr | 1 3.738 84 GHz -56.738 dBm | Auto Tuno |
| | | | | | Center Fre 5.015000000 GH |
| 00 | 1 | | | | Start Fre 30.000000 MH |
| 0.0 | in an and and an and a feature of the second | an a | ىلىمەنىلىكى بەللەر بىلىكى ب يەنىپى بىلىكى | anderen the loss days freedown and the state of the state | Stop Fre 10.000000000 GH |
| tart 30 MHz Res BW 1.0 MHz | #VBW 3.0 | MHz Y FUNC | | Stop 10.000 GHz 6.67 ms (1001 pts) | CF Ste 997.000000 MH <u>Auto</u> Ma |
| 1 N 1 f 3.7 | 38 84 GHz -56. 14 33 GHz -0. | 738 dBm 201 dBm | | E | Freq Offse 0 H |
| sg | | m | STATUS | | , |

LTE2_5 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA | | SENSE:INT | ALIGN AUTO | 02:25:43 PM Dec 04, 2024 | |
|--|---------------|---------------------------------|---|---|--|
| enter Freq 5.015000000 | PNO: Fast | Trig: Free Run #Atten: 20 dB | #Avg Type: RMS | TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P P P P P P | Frequency |
| IO dB/div Ref 10.00 dBm | | | Mkr | 1 3.698 96 GHz -56.564 dBm | Auto Tune |
| • 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | | | | | Center Free 5.015000000 GH |
| 30.0 | 1 | | | | Start Free 30.000000 MH |
| 60.0 <u>10.0</u> 80.0 | month and the | ersternetstellimet in gevenik | handere and a second | للحصي عاصلا عن المرين ويتاجر عن معر المرين المرين معر المعر المعربة المرين والمعر المعربة الم | Stop Fre 10.00000000 GH |
| Res BW 1.0 MHz | #VBW 3 | | Sweep 1 | Stop 10.000 GHz 6.67 ms (1001 pts) | CF Ste 997.000000 MH <u>Auto</u> Ma |
| 2 N 1 f 1.85 3 4 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 | | 6.564 dBm 0.114 dBm | | | Freq Offse 0 H |
| 9 10 11 11 sg | | m | STATUS | - | |

LTE2_10 M_CSE(30 M-10 G)_Lowest Channel_QPSK_1RB



| RL RF 50 Ω AC enter Freq 5.015000000 | CH- | SENSE:INT | ALIGN AUTO | 02:26:35 PM Dec 04, 2024 | Printer and |
|--|--|--------------------------------------|--|---|------------------------------------|
| and the second second second second | PNO: Fast | Trig: Free Run #Atten: 20 dB | #Avg Type: RMS | TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P P | Frequency |
| dB/div Ref 10.00 dBm | IFGamicow | WAREN, 20 GD | Mkr | 1 3.330 07 GHz -57.000 dBm | Auto Tuno |
| | | | | | Center Free 5.015000000 GH |
| 0.0 | 1 | | | | Start Fre 30.000000 MH |
| 0.0 0.0 0.0 | - and the second s | and a stand and a stand of the stand | and a second | er fangen New Langer par Bahaisen Maderik | Stop Fre 10.000000000 GH |
| tart 30 MHz Res BW 1.0 MHz | #VBW | 3.0 MHz | Sweep 1 | Stop 10.000 GHz 6.67 ms (1001 pts) | CF Ste 997.000000 MH Auto Ma |
| 1 N 1 f 3.3 2 N 1 f 1.8 3 - - - - 4 - - - - 5 - - - - - 6 - <td>30 07 GHz 74 45 GHz</td> <td>-57.000 dBm 0.068 dBm</td> <td>Polenokvibin</td> <td>E</td> <td>Freq Offse 0 H</td> | 30 07 GHz 74 45 GHz | -57.000 dBm 0.068 dBm | Polenokvibin | E | Freq Offse 0 H |
| | | п | | | |

LTE2_10 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC | SENSE:INT | ALIGN AUTO | 02:27:19 PM Dec 04, 2024 | - 8 × |
|--|---|---|---|---|
| enter Freq 5.015000000 | | #Avg Type: RMS | TRACE 1 2 3 4 5 6 TYPE M WWWW DET P P P P P P | Frequency |
| dB/div Ref 10.00 dBm | | Mkr | 2.582 32 GHz -57.352 dBm | Auto Tun |
| | | | | Center Fre 5.015000000 GH |
| | 1 | | | Start Fre 30.000000 M⊦ |
| 0.0 | harring and the second and a second and the | and faith and a second | an a | Stop Fre 10.000000000 GH |
| tart 30 MHz Res BW 1.0 MHz | #VBW 3.0 MHz | Sweep 1 | Stop 10.000 GHz 5.67 ms (1001 pts) | CF Ste 997.000000 MH <u>Auto</u> Ma |
| 1 N 1 f 2.5 | 82 32 GHz -57.352 dBm 14 33 GHz -0.230 dBm | | E | Freq Offse 0 H |
| | m | | | |

LTE2_10 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA | - | - | | 100000-00000-0000 | |
|---|---|--|---|--|------------------------------------|
| RL RF 50 Ω AC enter Freq 5.015000000 | GHz PNO: Fast ↔ IFGain:Low | Trig: Free Run #Atten: 20 dB | ALIGN AUTO #Avg Type: RMS | 02:28:10 PMDec 04, 2024 TRACE 1 2 3 4 5 6 TYPE M WWWWW DET P P P P P P | Frequency |
| dB/div Ref 10.00 dBm | | | Mkr | 1 6.490 56 GHz -57.046 dBm | Auto Tun |
| 2 00 00 00 | | | | | Center Fre 5.015000000 GH |
| | | | 1 | | Start Fre 30.000000 MH |
| 0.0 0.0 0.0 | Arrow and the second | and a second | ent anter determinenter anter | rades in provident the second states and the second second second second second second second second second se | Stop Fre 10.000000000 GH |
| art 30 MHz Res BW 1.0 MHz | #VBW | / 3.0 MHz | Sweep 1 | Stop 10.000 GHz 6.67 ms (1001 pts) | CF Ste 997.000000 MH Auto Ma |
| N 1 f 6.4! 2 N 1 f 1.8! 3 4 - - - 4 - - - - 5 - - - - 6 - - - - 8 - - - - | 90 56 GHz 54 51 GHz | -57.046 dBm -0.239 dBm | | PONCTION VALUE | Freq Offse 0 H |
| 9 0 1 1 | | m | | - | |

LTE2_15 M_CSE(30 M-10 G)_Lowest Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC | 1 | SENSE:INT | ALIGN AUTO | 02:29:02 PM Dec 04, 2024 | |
|---|----------------------------------|---|--|--|------------------------------------|
| enter Freq 5.015000000 | GHz PNO: Fast ↔ IFGain:Low | | #Avg Type: RMS | TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P | Frequency |
| dB/div Ref 10.00 dBm | | | Mkr | 1 3.290 19 GHz -57.369 dBm | Auto Tun |
| 29 22 00 22 00 20 00 20 | | | | | Center Fre 5.015000000 GH |
| 0.0 | 11 | | | | Start Fre 30.000000 MH |
| 0.0 Ny marana amin'ny manana amin'ny manana 0.0 | the states of the | ren <mark>terenterenterenterenterenterenterent</mark> | freed at the start of the start | anastra napanahatan I | Stop Fre 10.000000000 GF |
| REAL STATES AND A | #VBV | V 3.0 MHz | Sweep 1 | Stop 10.000 GHz 6.67 ms (1001 pts) | CF Ste 997.000000 MH Auto Ma |
| | 90 19 GHz 74 45 GHz | -57.369 dBm -0.613 dBm | | E | Freq Offs 0 F |
| 7 | | m | | | |
| | | | | | |

LTE2_15 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA | | | | |
|--|---|--|---|------------------------------------|
| RL RF 50 Ω AC center Freq 5.015000000 | PNO: Fast Trig: Free | | 02:29:45 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P P | Frequency |
| 0 dB/div Ref 10.00 dBm | IFGain:Low #Atten: 20 | | r1 2.721 90 GHz -58.065 dBm | Auto Tune |
| | | | | Center Fre 5.015000000 GH |
| | | | | Start Fre 30.000000 MH |
| 50.0 | and the second second | ygynnyddiaenda ddar ywlaegollae yndafysnagge | ningthy of work and a second and the second s | Stop Fre 10.000000000 GH |
| tart 30 MHz Res BW 1.0 MHz | #VBW 3.0 MHz | Sweep | Stop 10.000 GHz 16.67 ms (1001 pts) | CF Ste 997.000000 MH Auto Ma |
| 1 N 1 f 2.7 | 721 90 GHz -58.065 dBr 114 33 GHz -0.316 dBr | m | | Freq Offse 0 H |
| 9 9 10 11 11 11 11 11 11 11 11 11 11 11 11 | m | STATI | - | |

LTE2_15 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC | 1 1 2 | ENSE:INT ALIGN A | UTO 02:30:35 PM Dec 04, 2024 | |
|--|---|--|---|------------------------------------|
| enter Freq 5.015000000 | | #Avg Type: RMS ee Run | | Frequency |
| dB/div Ref 10.00 dBm | | Ν | Akr1 3.698 96 GHz -57.264 dBm | Auto Tun |
| | | | | Center Fre 5.015000000 GH |
| 0.0 | 1 | | | Start Fre 30.000000 MH |
| 0.0 minutation and an and a second se | www.and | gerlangenten kontenten ter anderen gertander anderen gertander anderen anderen anderen anderen anderen anderen | and an and a second a second a second a second | Stop Fre 10.000000000 GH |
| tart 30 MHz Res BW 1.0 MHz | #VBW 3.0 MH | z Swee | Stop 10.000 GHz p 16.67 ms (1001 pts) | CF Ste 997.000000 MH Auto Ma |
| 1 N 1 f 3.6 | 98 96 GHz -57.264 54 51 GHz -0.330 (| dBm | | Freq Offse 0 H |
| | m | | | |

LTE2_20 M_CSE(30 M-10 G)_Lowest Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA | | | | | |
|---|--------------------------|--|---|--|------------------------------------|
| RL RF 50 Ω AC nter Freq 5.015000000 | PNO: Fast ↔ | SENSE:INT Trig: Free Run #Atten: 20 dB | ALIGN AUTO #Avg Type: RMS | 02:31:28 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P | Frequency |
| dB/div Ref 10.00 dBm | IP Gall.LOW | Witten 20 GD | Mkr | 1 5.832 54 GHz -57.053 dBm | Auto Tune |
| | | | | | Center Fre 5.015000000 GH |
| | | | 1 | | Start Fre 30.000000 MH |
| 0 velagene gelenne for and and and a second and a | in and a supply of the | an a | hinsonia, and a second and a | niku-yahayahaya darihada kutangi t | Stop Fre 10.000000000 GH |
| art 30 MHz es BW 1.0 MHz | #VBW | 3.0 MHz | Sweep 1 | Stop 10.000 GHz 6.67 ms (1001 pts) | CF Ste 997.000000 MH Auto Ma |
| N 1 f 5.8 N 1 f 1.8 | 332 54 GHz 374 45 GHz | -57.053 dBm -0.300 dBm | | PONCTION VALUE | Freq Offse 0 H |
| | | m | | | |
| | | | STATUS | 5 | |

LTE2_20 M_CSE(30 M-10 G)_Middle Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC | 1 | SENSE:INT | ALIGN AUTO | 02:32:10 PM Dec 04, 2024 | |
|---|---------------------------|---|--|---|---|
| Center Freq 5.015000000 | PNO: Fast ↔ IFGain:Low | | #Avg Type: RMS | TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P | Frequency |
| 0 dB/div Ref 10.00 dBm | | | Mkr | 1 3.698 96 GHz -56.511 dBm | Auto Tune |
| • cg 0 00 10 0 20 0 | | | | | Center Free 5.015000000 GH |
| | 1 | | | | Start Fre 30.000000 MH |
| 50.0 | - | and the plan and the second second second | and and a second se | ىلىدىم مەلەرىغەرىلىرىكى كەركىرىكى كەركىيىكى بىلىكىيىكى بىلىكىيىكى بىلىكىيىكى بىلىكىيىكى بىلىكىيىكى بىلىكىيىكى | Stop Fre 10.000000000 GH |
| tart 30 MHz Res BW 1.0 MHz | #VBV | V 3.0 MHz | Sweep 1 | Stop 10.000 GHz 6.67 ms (1001 pts) | CF Ste 997.000000 MH <u>Auto</u> Ma |
| 1 N 1 f 3.6 2 N 1 f 1.5 3 - - - - 4 - - - - 5 - - - - - 6 - - - - - - 7 - <td>98 96 GHz 14 33 GHz</td> <td>-56.511 dBm -0.318 dBm</td> <td></td> <td>E E</td> <td>Freq Offse 0 H</td> | 98 96 GHz 14 33 GHz | -56.511 dBm -0.318 dBm | | E E | Freq Offse 0 H |
| 8 9 10 11 11 | | m | | - | |

LTE2_20 M_CSE(30 M-10 G)_Highest Channel_QPSK_1RB



| - 6 🐱 | | | | trum Analyzer - Swept SA | |
|---|---|--|---|--|--|
| Frequency | 02:18:44 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P | ALIGN AUTO #Avg Type: RMS | SENSE:INT Trig: Free Run #Atten: 0 dB | RF 50 Ω AC req 15.000000000 GHz PNO: Fast ↔ | Center Fr |
| Auto Tune | /kr1 19.50 GHz -73.246 dBm | | #Atten. v db | IFGain:High | 10 dB/div |
| Center Freq 15.000000000 GHz | | | | | -30.0 |
| Start Freq 10.000000000 GHz | | | | | 40.0 50.0 |
| Stop Freq 20.000000000 GHz | 1 | | | | 60.0 70.0 |
| CF Step 1.000000000 GHz <u>Auto</u> Man | | and he for the stand of the sta | manyedinatiklarikanika | nusses and the service of the servic | 80.0 Norther Market Market 90.0 |
| Freq Offset 0 Hz | | | | | -100 |
| | Stop 20.000 GHz 5.00 ms (1001 pts) | Swaan | 3.0 MHz | 00 GHz | Start 10.00 |
| | | Sweep | 5.0 14112 | #VDV | ASG |

LTE2_1.4 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



| - 6 X | | | | trum Analyzer - Swept SA | and the second second second second |
|---------------------------------------|--|---|---|--|-------------------------------------|
| Frequency | 02:19:35 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P | ALIGN AUTO #Avg Type: RMS | SENSE:INT Trig: Free Run #Atten: 0 dB | RF 50 Ω AC req 15.000000000 GHz PNO: Fast → IFGain:High | Center Fi |
| Auto Tune | /kr1 19.19 GHz -73.561 dBm | I | WILLIN OUD | Ref -20.00 dBm | 10 dB/div |
| Center Freq 15.000000000 GHz | | | | | - o g |
| Start Freq 10.000000000 GHz | | | | | 40.0. 50.0. |
| Stop Freq 20.000000000 GHz | 1 | | | | 70.0 |
| CF Step 1.00000000 GHz Auto Man | | d.regNariolderoodd _{ar} obillooddwro | ubaaybhaa Andhay Addaa bad | an and and a strain a | 80.0 wr*~wr |
| Freq Offset 0 Hz | | | | | -100 |
| | Stop 20.000 GHz 5.00 ms (1001 pts) | Swaap 2 | 3.0 MHz | | Start 10.0 |
| | | Sweep 2 | 510 14112 | #VDV | ISG |

LTE2_1.4 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA | | | | Transfer Transferration | - 6 🐱 |
|---|---|---|---------------------------------------|--|---|
| RL RF 50 Q AC Center Freq 15.0000000 | PNO: Fast | SENSE:INT Trig: Free Run #Atten: 0 dB | #Avg Type: RMS | 02:20:18 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P | Frequency |
| 10 dB/div Ref -20.00 dBn | n oominign | #Atten: 0 db | | Mkr1 18.89 GHz -72.667 dBm | Auto Tune |
| 30.0 | | | | | Center Freq 15.000000000 GHz |
| 40.0 | | | | | Start Freq 10.000000000 GHz |
| 60.0 | | | | 1 | Stop Freq 20.000000000 GHz |
| 80.0 | alana ang alang gaasedah | haalaa haan waadha | in as he wild the spill of the second | ar Hohman her an Artin an an an Arting State | CF Step 1.000000000 GHz <u>Auto</u> Man |
| -100 | | | | | Freq Offset 0 Hz |
| -110 Start 10.000 GHz #Res BW 1.0 MHz | #VBW 3 | 0 MHz | Sween | Stop 20.000 GHz 25.00 ms (1001 pts) | |
| ISG | <i>"</i> •••••••••••••••••••••••••••••••••••• | | STATU | | |

LTE2_1.4 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA | | | Transaction and Arran | - 6 × |
|--|---|---|---|---|
| RL RF 50 Q AC Center Freq 15.0000000 | SENSE:INT DOO GHZ PNO: Fast Trig: Free Run IFGain:High #Atten: 0 dB | ALIGN AUTO #Avg Type: RMS | 02:21:08 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P | Frequency |
| 10 dB/div Ref -20.00 dBm | n oomingn | 1 | /kr1 18.67 GHz -73.007 dBm | Auto Tune |
| 30.0 | | | | Center Freq 15.000000000 GHz |
| 40.0 50.0 | | | | Start Fred 10.000000000 GHz |
| 60.0 | | | 1 | Stop Fred 20.000000000 GHz |
| 80.0 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1. | adalanasi afa kanggala setalkaka ala kang apali sela da | naitheannanaichteannan an a | | CF Step 1.000000000 GH: <u>Auto</u> Mar |
| -100 | | | | Freq Offse 0 H; |
| Start 10.000 GHz #Res BW 1.0 MHz | #VBW 3.0 MHz | Sween 2 | Stop 20.000 GHz 5.00 ms (1001 pts) | |
| ISG | | STATUS | - Constant of the second se | |

LTE2_3 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



| - 6 💌 | Internet and the second | | 2011 - 10 m - 10 | | ctrum Analyzer - Swept SA | |
|--|---|--------------------------|---|------------------------|----------------------------------|---------------------|
| Frequency | 02:22:00 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P P | #Avg Type: RMS | SENSE:INT Trig: Free Run #Atten: 0 dB | PNO: Fast | RF 50 Ω AC req 15.00000000 | Center F |
| Auto Tune | /kr1 19.19 GHz -73.656 dBm | r | #Atten. v db | IFGain:High | Ref -20.00 dBm | 10 dB/div |
| Center Freq 15.000000000 GHz | | | | | | - og 30.0 |
| Start Freq 10.000000000 GHz | | | | | | 40.0. 50.0 |
| Stop Freq 20.000000000 GHz | 1 | | | | | 50.0 70.0 |
| CF Step 1.000000000 GHz Auto Man | | al filter and a standard | Josephilippin Jawyodowicza | wennedelalagendersterf | consumption and considered the m | 80,0 1 1 |
| Freq Offset 0 Hz | | | | | | -100 |
| | Stop 20.000 GHz 5.00 ms (1001 pts) | Swaen-2 | 3.0 MHz | #\/P\/ | | Start 10.0 |
| | | sweep 2 | 5.0 19112 | #VBW | | #Res BW |

LTE2_3 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



| - 6 × | Terrorite Terrorite | | | n Analyzer - Swept SA | |
|---|---|--|---|--|-------------------------|
| Frequency | 02:22:43 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P P | ALIGN AUTO #Avg Type: RMS | SENSE:INT Trig: Free Run #Atten: 0 dB | RF 50 Ω AC q 15.000000000 GHz PNO: Fast ↔ | Center Fr |
| A state of the state | Akr1 18.97 GHz -73.273 dBm | ſ | #Atten: 0 dB | IFGain:High | 10 dB/div |
| Center Fred 15.000000000 GHz | | | | | 30.0 |
| Start Fred 10.000000000 GH2 | | | | | 40,0 |
| Stop Fred 20.000000000 GHz | 1 | | | | 70.0 |
| CF Step 1.000000000 GH: <u>Auto</u> Mar | | din de la construcción de la constru | and the share of the manufacture | with the set of the second parts and the second | 80.0 Mhulphu 90.0 |
| Freq Offse 0 H; | | | | | -100 |
| | Stop 20.000 GHz 5.00 ms (1001 pts) | Swaan 2 | 3.0 MHz | | Start 10.00 |
| | | SWEED Z | | ************************************** | ISG |

LTE2_3 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



| - 6 × | Test set for the set of the set | | | | gilent Spectrum Analyzer - Swept S | |
|--|--|------------------------------|---|---|---|-----------|
| Frequency | 02:23:33 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P | ALIGN AUTO #Avg Type: RMS | SENSE:INT Trig: Free Run #Atten: 0 dB | 50 Ω AC .000000000 GHz PNO: Fast ↔ IFGain:High | nter Freq 15.00000 | Cente |
| Auto Tune | kr1 16.36 GHz -73.336 dBm | 1 | WAILEN. O GD | | B/div Ref -20.00 dB | 10 dB/c |
| Center Freq 15.000000000 GHz | | | | | | og |
| Start Freq 10.000000000 GHz | | | | | | 40,0 |
| Stop Freq 20.000000000 GHz | | 1 | | | | 60.0 |
| CF Step 1.000000000 GHz Auto Man | hyphiantheotophilainalla | surficture to the second of | alsonades to gold the while | denter Malakana Marana germana ana data Art | A radio and a contraction of the second | -80,0 |
| Freq Offset 0 Hz | | | | | | -100 |
| | Stop 20.000 GHz 5.00 ms (1001 pts) | Sween 2 | 3.0 MHz | | rt 10.000 GHz es BW 1.0 MHz | |
| | | SWGCP | 010 10112 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | | ISG |

LTE2_5 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA | | _ | | Transfer the Store | - 5 🐱 |
|---|---|-------------|--|--|--|
| RL RF 50 Ω AC Center Freq 15.000000000 | PNO: Fast - Trig: Fr | | #Avg Type: RMS | 02:24:25 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P | Frequency |
| 10 dB/div Ref -20.00 dBm | IFGain:High #Atten: | U dB | | Mkr1 18.93 GHz -72.938 dBm | Auto Tune |
| 30.0 | | | | | Center Freq 15.000000000 GHz |
| 40.0 | | | | | Start Freq 10.000000000 GHz |
| .60.0 | | | | 1 | Stop Freq 20.000000000 GHz |
| 0.03 | yeanyadadayaanaanaanaanaanaanaanaanaanaanaanaanaa | unterlypend | an allandraha para ana ana ana ana ana ana ana ana ana | oformarian funty anara | CF Step 1.000000000 GHz Auto Man |
| -100 | | | | | Freq Offset 0 Hz |
| Start 10.000 GHz #Res BW 1.0 MHz | #VBW 3.0 MH | 7 | Swaan | Stop 20.000 GHz 25.00 ms (1001 pts) | |
| | | 2 | Sweep | | |

LTE2_5 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA | | | | Transa and the second second | - 6 × |
|---|------------------------------------|---|------------------------------|---|--|
| XI RL RF 50 Ω AC Center Freq 15.0000000 | DOO GHz | SENSE:INT Trig: Free Run #Atten: 0 dB | ALIGN AUTO #Avg Type: RMS | 02:25:07 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P | Frequency |
| 10 dB/div Ref -20.00 dBn | n oominign | | I | /lkr1 18.90 GHz -72.810 dBm | Auto Tune |
| 30.0 | | | | | Center Freq 15.000000000 GHz |
| 40.0 50.0 | | | | | Start Freq 10.000000000 GHz |
| 60.0 | | | | 1 | Stop Freq 20.000000000 GHz |
| 0.08 hereastructure at the second second | portuning of the property day that | should be seen and the series | hat a strange with a sead | agenterade Alacherman ale | CF Step 1.000000000 GH: <u>Auto</u> Mar |
| -100 | | | | | Freq Offset 0 Hz |
| Start 10.000 GHz #Res BW 1.0 MHz | #VBW 3 | 1.0 MHz | Sween 2 | Stop 20.000 GHz 5.00 ms (1001 pts) | |
| ISG | | | STATUS | - Contraction of the second | |

LTE2_5 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA | 1 | | | Local Street, Some | - 8 - |
|--|-----------------------------------|---------------------|---------------------------------|--|--|
| RL RF 50 Ω AC Center Freq 15.000000 | 000 GHz PNO: Fast | SENSE:INT | ALIGN AUTO #Avg Type: RMS | 02:25:58 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P | Frequency |
| 10 dB/div Ref -20.00 dBi | IFGain:High | #Atten: 0 dB | r | /kr1 16.68 GHz -72.587 dBm | Auto Tune |
| 30.0 | | | | | Center Fred 15.000000000 GHz |
| 40.0 | | | | | Start Free 10.000000000 GH: |
| 60.0 | | | 1 | | Stop Free 20.000000000 GH; |
| 30.0 totalshare and total and the | and the state of the state of the | allowshippy and may | wooden with the indernations of | dicentere hand what does not | CF Step 1.000000000 GH <u>Auto</u> Mar |
| 100 | | | | | Freq Offse 0 H |
| Start 10.000 GHz #Res BW 1.0 MHz | #\/BW | 3.0 MHz | Sween 2 | Stop 20.000 GHz 5.00 ms (1001 pts) | |
| ISG | | | STATUS | | |

LTE2_10 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA | _ | | | Transfer the state of | - 6 🐱 |
|---|-----------------------------------|---|--|---|---|
| Center Freq 15.00000000 | PNO: Fast | SENSE:INT | ALIGN AUTO #Avg Type: RMS | 02:26:50 PMDec 04, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P | Frequency |
| 0 dB/div Ref -20.00 dBm | ir Gamangn | | Ν | /kr1 19.24 GHz -72.838 dBm | Auto Tune |
| 30.0 | | | | | Center Freq 15.000000000 GHz |
| 40.0 | | | | | Start Freq 10.000000000 GHz |
| 50.0 | | | | | Stop Freq 20.000000000 GHz |
| 80.0 pt. J. | alan yayaya di kayan ya Manaya da | en and the second states and the second s | randerectertentert planet og og provinderten og be | nativestimetration dependences | CF Step 1.000000000 GHz <u>Auto</u> Man |
| -100 | | | | | Freq Offset 0 Hz |
| Start 10.000 GHz Res BW 1.0 MHz | #VBW 3. | 0 MHz | Sween 2 | Stop 20.000 GHz 5.00 ms (1001 pts) | |
| sg | | | STATUS | | |

LTE2_10 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



| - 6 × | The second second second | | | zer - Swept SA | Agilent Spectrum Analyze |
|---|---|---|---|---|-------------------------------------|
| Frequency | 02:27:34 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE M WWWW DET P P P P P P | ALIGN AUTO #Avg Type: RMS | SENSE:INT Trig: Free Run #Atten: 0 dB | 50 Ω AC .000000000 GHz PNO: Fast ↔ IFGain:High | Center Freq 15. |
| Auto Tune | /kr1 17.88 GHz -72.956 dBm | I | WAILEN. V UD | 20.00 dBm | 10 dB/div Ref -2 |
| Center Freq 15.000000000 GHz | | | | | 30.0 |
| Start Freq 10.000000000 GHz | | | | | 40.0 |
| Stop Freq 20.000000000 GHz | 1 | | | | -60.0 |
| CF Step 1.000000000 GHz <u>Auto</u> Man | eppersections in the second sectors in the second sectors in the second sector in the second sector is the second s | and an and a second a second a second a second | Aller all the count of the state of the | inger versen frikken verse handelige bland | -80,0 34 |
| Freq Offset 0 Hz | | | | | -100 |
| | Stop 20.000 GHz 5.00 ms (1001 pts) | Sweep 2 | 3.0 MHz | | Start 10.000 GHz #Res BW 1.0 MHz |
| | | STATUS | | | ASG |

LTE2_10 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA | | | Transa da Transferia | - 6 × |
|--|--|---|--|--|
| RL RF 50 Ω AC Center Freq 15.00000000 | PNO: Fast + Trig: Free Run | ALIGN AUTO #Avg Type: RMS | 02:28:24 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWW DET P P P P P P | Frequency |
| IO dB/div Ref -20.00 dBm | IFGain:High #Atten: 0 dB | | Mkr1 18.98 GHz -73.755 dBm | Auto Tune |
| 30.0 | | | | Center Fred 15.000000000 GH; |
| 40.0 50.0 | | | | Start Free 10.000000000 GH: |
| 70.0 | | | 11 | Stop Free 20.000000000 GH |
| 30.0 Martineeting/wardhamithatertaget | ware to be a for the state of t | alla dharradh dharradh an | | CF Stej 1.000000000 GH <u>Auto</u> Ma |
| 100 | | | | Freq Offse 0 H |
| Start 10.000 GHz #Res BW 1.0 MHz | #VBW 3.0 MHz | Suraan | Stop 20.000 GHz 25.00 ms (1001 pts) | |
| | #VOVV 5.0 WITZ | Sweep | | |

LTE2_15 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA | | | | Territoria de la composición de la comp | - 6 × |
|--------------------------------------|------------------|-----------------------------|---|--|--|
| Center Freq 15.000000000 | PNO: Fast +>+ | SENSE:INT | ALIGN AUTO #Avg Type: RMS | 02:29:17 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P P | Frequency |
| 0 dB/div Ref -20.00 dBm | IFGain:High | Alten v db | ſ | /kr1 18.52 GHz -73.334 dBm | Auto Tune |
| og 30.0 | | | | | Center Freq 15.000000000 GHz |
| 10.0 | | | | | Start Freq 10.000000000 GHz |
| 70.0 | | | | 1 | Stop Freq 20.000000000 GHz |
| 30.0 | ware low wards a | hangaar algo the had been a | by and makes the strange was a destrict and the second strategy and the second strategy and the second strategy | a survey and a survey of the s | CF Step 1.000000000 GHz Auto Man |
| 100 | | | | | Freq Offset 0 Hz |
| tart 10.000 GHz Res BW 1.0 MHz | #VBW 3 | 0 MH2 | Swoon-2 | Stop 20.000 GHz 5.00 ms (1001 pts) | |
| | #4044.2 | | Sweep 2 | | |

LTE2_15 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



| - 6 🔀 | | | | ctrum Analyzer - Swept SA | |
|--|---|-------------------------------|---|---|-----------------|
| Frequency | 02:29:59 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE M WWWW DET P P P P P P | ALIGN AUTO #Avg Type: RMS | SENSE:INT Trig: Free Run #Atten: 0 dB | RF 50 Ω AC req 15.000000000 GHz PNO: Fast → IFGain:High IFGain:High IFGain:High | |
| Auto Tune | kr1 18.88 GHz -73.267 dBm | | WALLEN, V UD | Ref -20.00 dBm | 10 dB/div Ref - |
| Center Freq 15.000000000 GHz | | | | | -30.0 |
| Start Freq 10.000000000 GHz | | | | | -40,0 -50,0 |
| Stop Freq 20.000000000 GHz | | | | | -70.0 |
| CF Step 1.000000000 GHz Auto Man | weekerens warmen paraget for fich | nonsumbergen og nishored mere | strongestonesser and hoved | rdayaftandiftalaingtatinananan tipitanangtating | 80.0 90.0 |
| Freq Offset 0 Hz | | | | | -100 |
| | Stop 20.000 GHz | | 2.0.844- | 100 GHz | Start 10.000 GH |
| | 5.00 ms (1001 pts) | sweep | 3.0 MHz | 1.0 WIN2 #VBW | #Res BW 1.0 MH |

LTE2_15 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



| - 0 * | Trans. And The Arrest | | | | Agilent Spectrum Analyzer - Sv |
|---------------------------------------|---|--------------------------------|----------------------------|--|-----------------------------------|
| Frequency | 02:30:50 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P P | #Avg Type: RMS | SENSE:INT | F 50 Ω AC 15.000000000 GHz PNO: Fast ↔ | |
| Auto Tune | /kr1 16.63 GHz -73.367 dBm | Ν | #Atten: 0 dB | IFGain:High | dB/div Ref -20.0 |
| Center Fred 15.000000000 GHz | | | | | .0 |
| Start Fred 10.000000000 GH: | | | | | 0.0 |
| Stop Free 20.000000000 GH | | 1 | | | 0.0 |
| CF Step 1.000000000 GH Auto Mar | เว _{ยาก} ับขางหลังของช่อง _เ รณ์กุละเรื่องการเป็นป | oran-lala bootstaalloonan on A | phaseheernelkoisodytereise | or for the territory of the | 0.0 www.www.www. |
| Freq Offse 0 H | | | | | 100 |
| | Stop 20.000 GHz 5.00 ms (1001 pts) | Sween 2 | 3.0 MHz | | tart 10.000 GHz Res BW 1.0 MHz |
| | | STATUS | oro-miniz | | G |

LTE2_20 M_CSE(10 G-20 G)_Lowest Channel_QPSK_1RB



| Agilent Spectrum Analyzer - Swept SA | | | | Transfer and the second | - 6 × |
|--|--|---|------------------------------|---|--|
| RL RF 50 Ω AC Center Freq 15.000000 | 000 GHz PNO: Fast | SENSE:INT Trig: Free Run #Atten: 0 dB | ALIGN AUTO #Avg Type: RMS | 02:31:42 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE M | Frequency |
| 10 dB/div Ref -20.00 dBr | IFGain:High | #Atten: 0 db | Ν | /kr1 19.23 GHz -72.952 dBm | Auto Tune |
| - og 30.0 | | | | | Center Freq 15.000000000 GHz |
| 50.0 | | | | | Start Freq 10.000000000 GHz |
| 60.0 | | | | 1 | Stop Freq 20.000000000 GHz |
| 80.0 mainaichear-chuiseannacha | water and the second and a second | dendsschells reduction and | aponerithetheres fraise | ayorupmystrationalisestumon | CF Step 1.000000000 GHz Auto Man |
| -100 | | | | | Freq Offset 0 Hz |
| Start 10.000 GHz #Res BW 1.0 MHz | #\/B\// | 3.0 MHz | Swaap 2 | Stop 20.000 GHz 5.00 ms (1001 pts) | |
| | # 0 B 0 0 | 0.0-141112 | Sweep 2 | | |

LTE2_20 M_CSE(10 G-20 G)_Middle Channel_QPSK_1RB



| | | | | | Agilent Spectrum Analyzer - |
|--|---|--|---|--|---|
| Frequency | 02:32:24 PM Dec 04, 2024 TRACE 1 2 3 4 5 6 TYPE MWWWWW DET P P P P P P | ALIGN AUTO #Avg Type: RMS | SENSE:INT Trig: Free Run #Atten: 0 dB | 50 Ω AC 15.000000000 GHz PNO: Fast | |
| Auto Tune | /kr1 18.56 GHz -72.221 dBm | 1 | #Atten: 0 db | IFGain:High | 10 dB/div Ref -20. |
| Center Freq 15.000000000 GHz | | | | | -30.0 |
| Start Freq 10.000000000 GHz | | | | | 40.0 |
| Stop Freq 20.000000000 GHz | 1 | | | | 60.0 |
| CF Step 1.000000000 GHz Auto Man | | Unterlander and the second second second | lampulauknudaluhin | อร์การแกรมรู้ให้สุดทรางรูปสาหารูประกับเรื่องเป็นเป็น | 80.0 Herein Manner (1.16) |
| Freq Offset 0 Hz | | | | | -100 |
| | Stop 20.000 GHz 5.00 ms (1001 pts) | Swaap 2 | 3.0 MHz | | -110 Start 10.000 GHz #Res BW 1.0 MHz |
| | | Sweep | 5.0 191112 | #VBW | |

LTE2_20 M_CSE(10 G-20 G)_Highest Channel_QPSK_1RB



10. ANNEX A_ TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

| No. | Description |
|-----|---------------------|
| 1 | HCT-RF-2412-FC023-P |