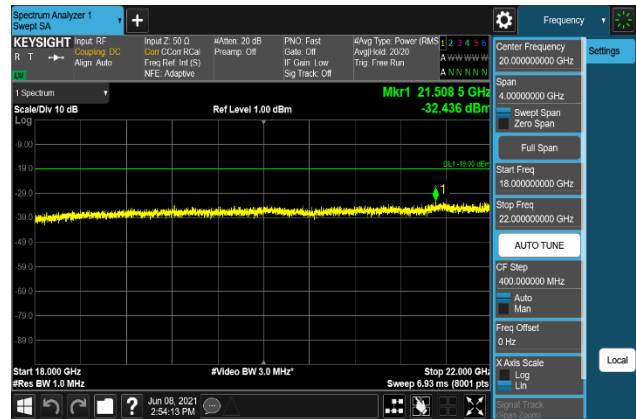


Plot 7-1739. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_20M+5M+10M_64QAM - Low Channel, Port 1)



Plot 7-1740. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_20M+5M+10M_256QAM - Low Channel, Port 1)



Plot 7-1741. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 2)



Plot 7-1742. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_20M+5M+10M_16QAM - Low Channel, Port 2)

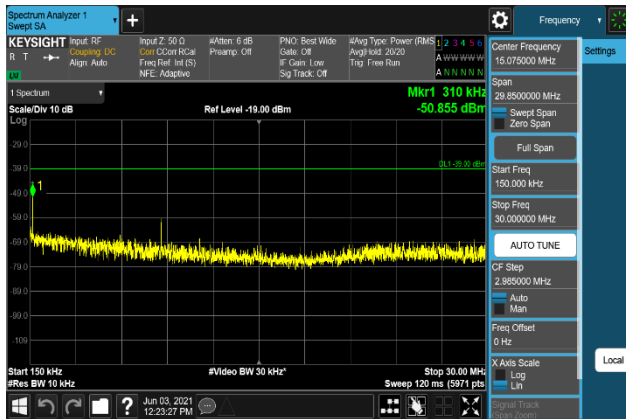


Plot 7-1743. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_20M+5M+10M_64QAM - Low Channel, Port 2)

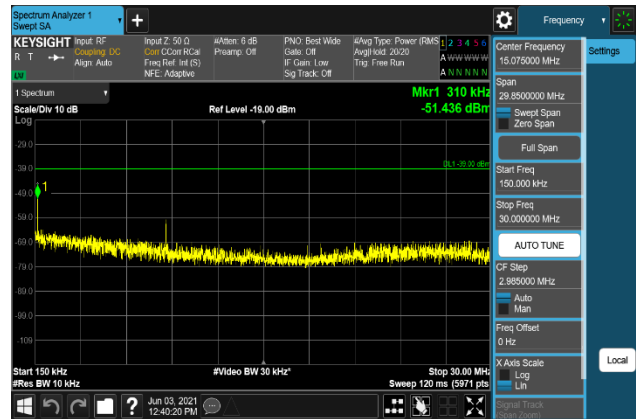


Plot 7-1744. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_20M+5M+10M_256QAM - Low Channel, Port 2)

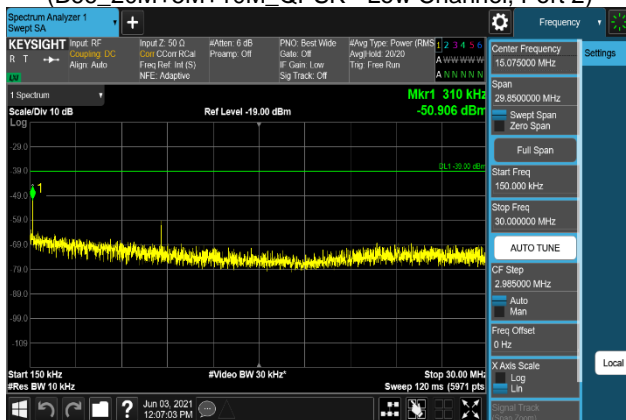
| | | | | |
|---|---|---|--|--|
| FCC ID: A3LRF4402D-D1A | | MEASUREMENT REPORT (Class II Permissive Change) | | Approved by: Technical Manager |
| Test Report S/N: 8K21053101R1.A3L | Test Dates: 06/01/2021-06/15/2021 | EUT Type: RRU(RF4402d) | | Page 342 of 515 |



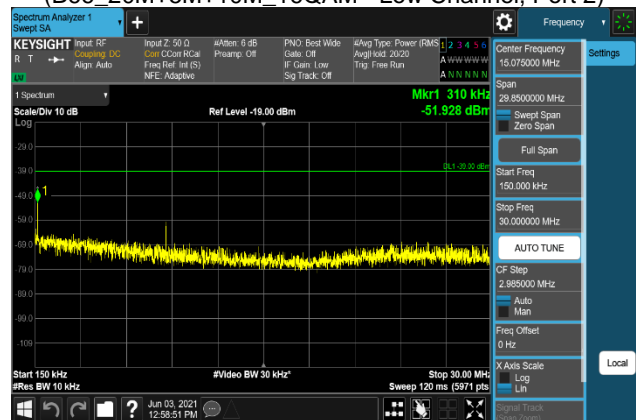
Plot 7-1745. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 2)



Plot 7-1746. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_20M+5M+10M_16QAM - Low Channel, Port 2)



Plot 7-1747. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_20M+5M+10M_64QAM - Low Channel, Port 2)



Plot 7-1748. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_20M+5M+10M_256QAM - Low Channel, Port 2)



Plot 7-1749. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 2)



Plot 7-1750. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_20M+5M+10M_16QAM - Low Channel, Port 2)

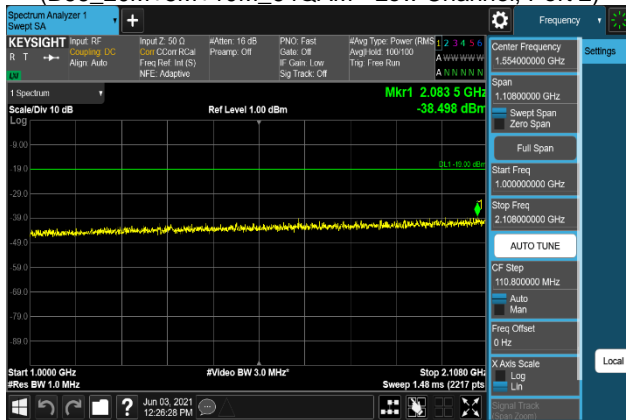
| | | | | |
|--------------------------------------|--------------------------------------|---|--|-----------------------------------|
| FCC ID: A3LRF4402D-D1A | | MEASUREMENT REPORT (Class II Permissive Change) | | Approved by: Technical Manager |
| Test Report S/N: 8K21053101R1.A3L | Test Dates: 06/01/2021-06/15/2021 | EUT Type: RRU(RF4402d) | | Page 343 of 515 |



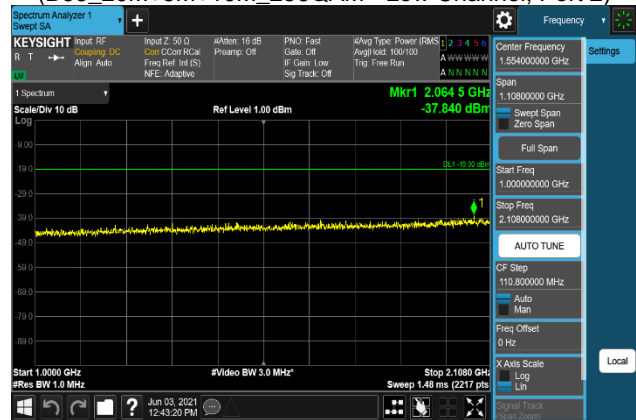
Plot 7-1751. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_20M+5M+10M_64QAM - Low Channel, Port 2)



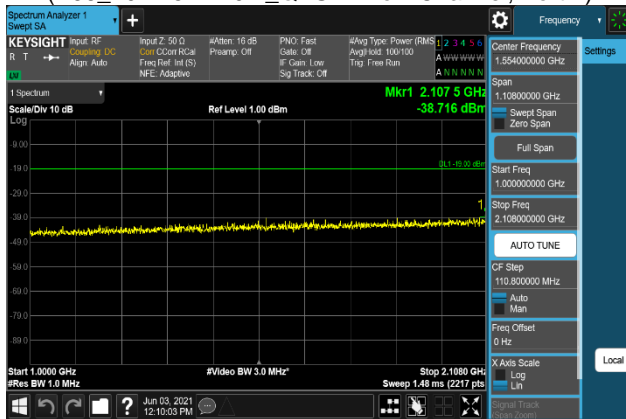
Plot 7-1752. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_20M+5M+10M_256QAM - Low Channel, Port 2)



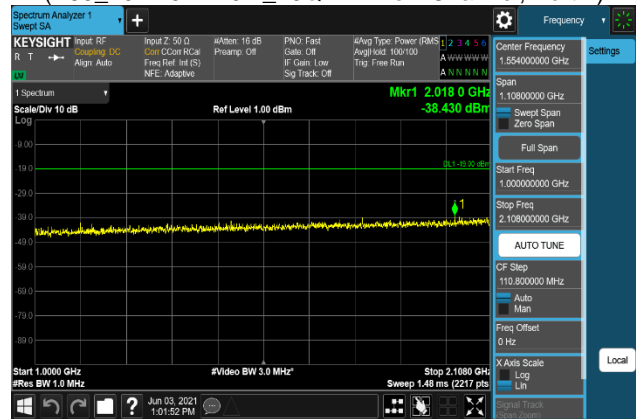
Plot 7-1753. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 2)



Plot 7-1754. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_20M+5M+10M_16QAM - Low Channel, Port 2)

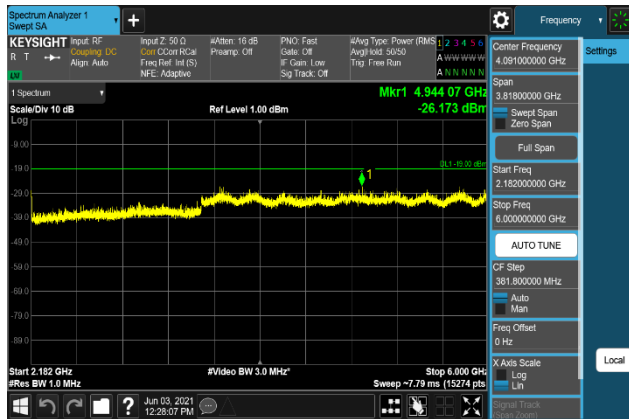


Plot 7-1755. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_20M+5M+10M_64QAM - Low Channel, Port 2)

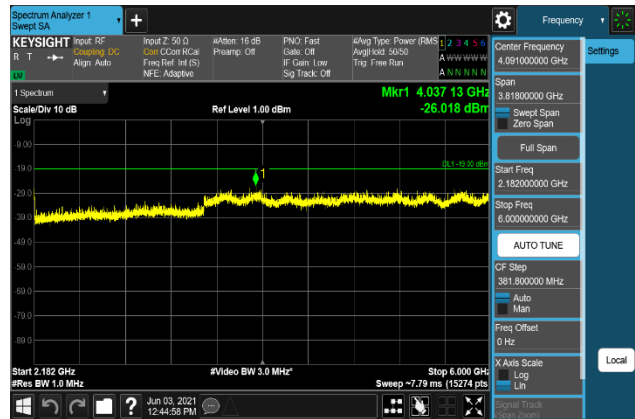


Plot 7-1756. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_20M+5M+10M_256QAM - Low Channel, Port 2)

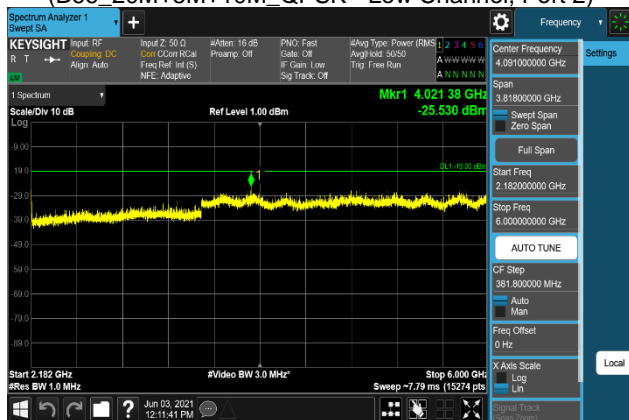
| | | | | |
|---|---|---|--|--|
| FCC ID: A3LRF4402D-D1A | | MEASUREMENT REPORT (Class II Permissive Change) | | Approved by: Technical Manager |
| Test Report S/N: 8K21053101R1.A3L | Test Dates: 06/01/2021-06/15/2021 | EUT Type: RRU(RF4402d) | | Page 344 of 515 |



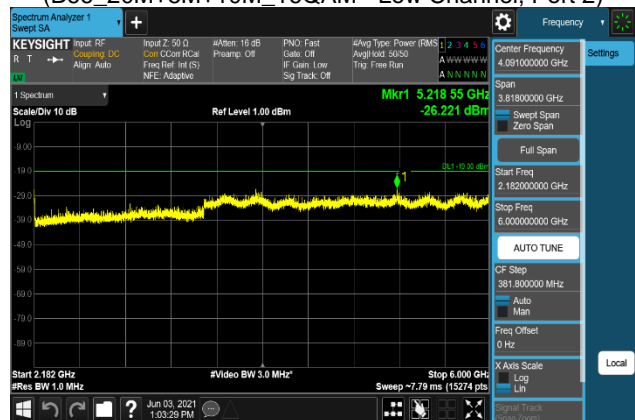
Plot 7-1757. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 2)



Plot 7-1758. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_20M+5M+10M_16QAM - Low Channel, Port 2)



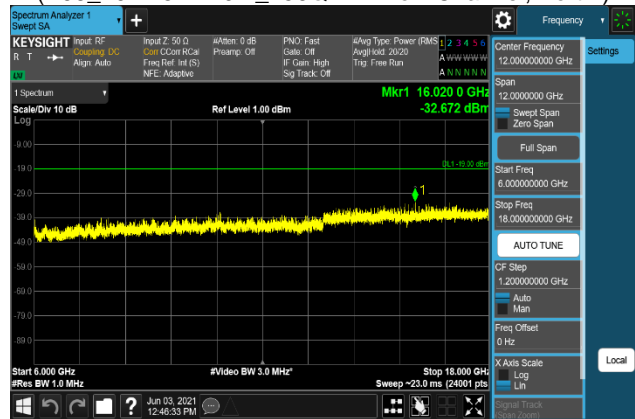
Plot 7-1759. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_20M+5M+10M_64QAM - Low Channel, Port 2)



Plot 7-1760. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_20M+5M+10M_256QAM - Low Channel, Port 2)

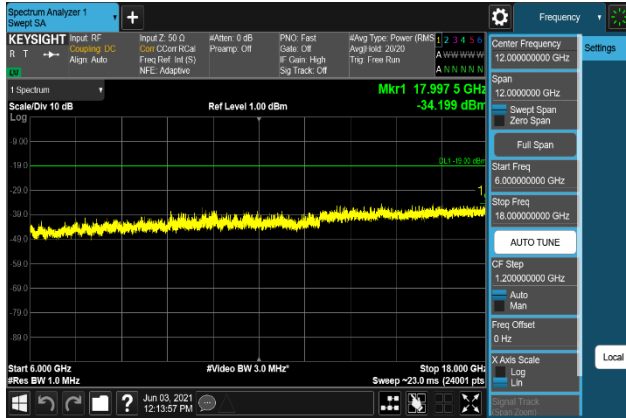


Plot 7-1761. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 2)

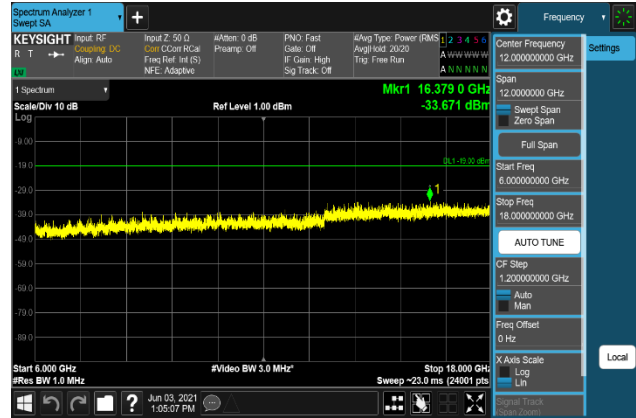


Plot 7-1762. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B66_20M+5M+10M_16QAM - Low Channel, Port 2)

| | | | | |
|--------------------------------------|--------------------------------------|---|--|-----------------------------------|
| FCC ID: A3LRF4402D-D1A | | MEASUREMENT REPORT (Class II Permissive Change) | | Approved by: Technical Manager |
| Test Report S/N: 8K21053101R1.A3L | Test Dates: 06/01/2021-06/15/2021 | EUT Type: RRU(RF4402d) | | Page 345 of 515 |



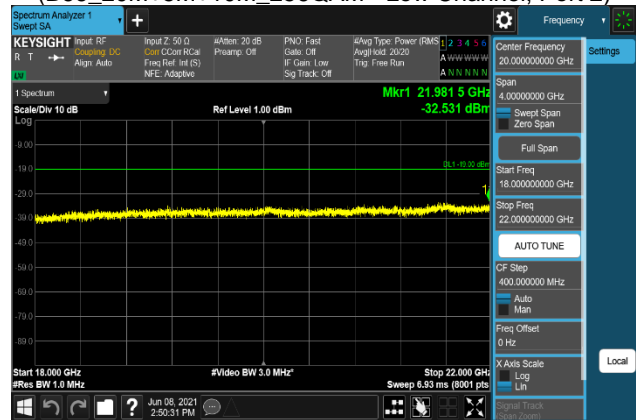
Plot 7-1763. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B66_20M+5M+10M_64QAM - Low Channel, Port 2)



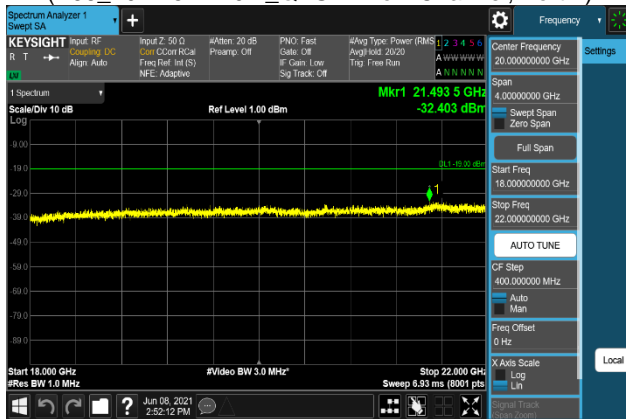
Plot 7-1764. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B66_20M+5M+10M_256QAM - Low Channel, Port 2)



Plot 7-1765. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 2)



Plot 7-1766. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_20M+5M+10M_16QAM - Low Channel, Port 2)



Plot 7-1767. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_20M+5M+10M_64QAM - Low Channel, Port 2)



Plot 7-1768. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_20M+5M+10M_256QAM - Low Channel, Port 2)

| | | | | |
|---|---|---|--|--|
| FCC ID: A3LRF4402D-D1A | | MEASUREMENT REPORT (Class II Permissive Change) | | Approved by: Technical Manager |
| Test Report S/N: 8K21053101R1.A3L | Test Dates: 06/01/2021-06/15/2021 | EUT Type: RRU(RF4402d) | | Page 346 of 515 |



Plot 7-1769. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 3)



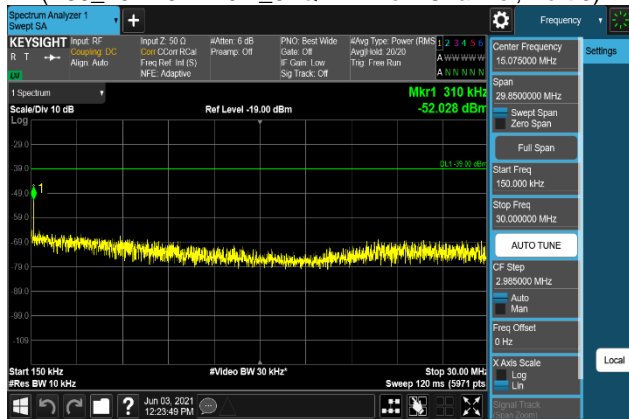
Plot 7-1770. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_20M+5M+10M_16QAM - Low Channel, Port 3)



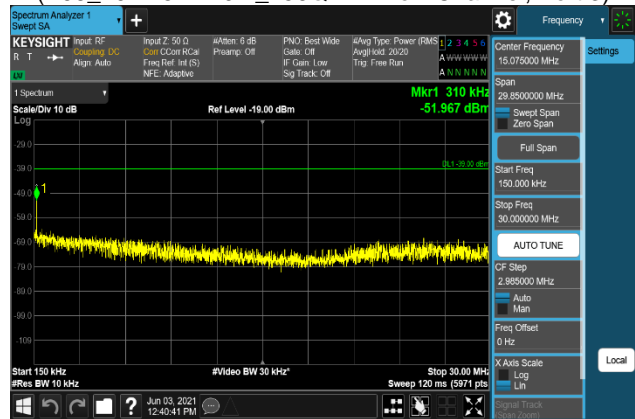
Plot 7-1771. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_20M+5M+10M_64QAM - Low Channel, Port 3)





Plot 7-1772. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B66_20M+5M+10M_256QAM - Low Channel, Port 3)

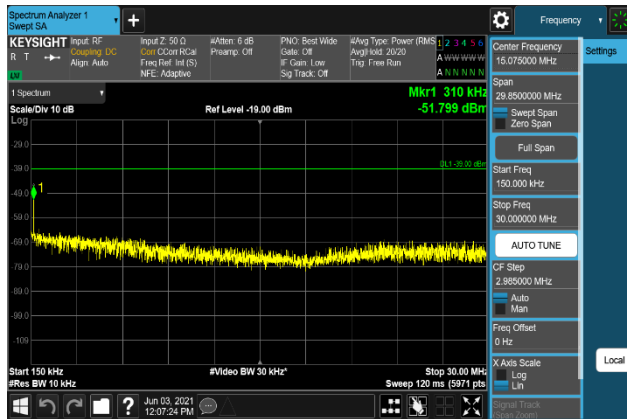


Plot 7-1773. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 3)

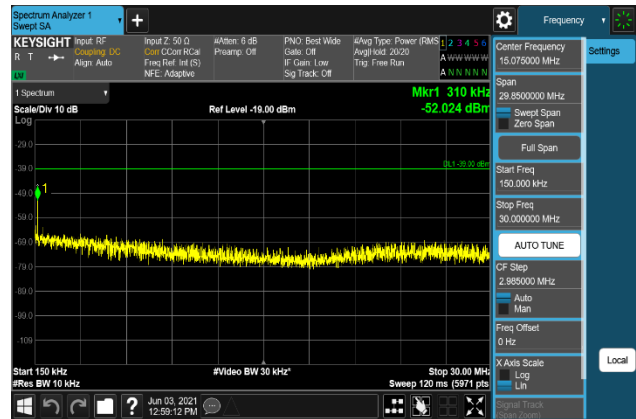


Plot 7-1774. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_20M+5M+10M_16QAM - Low Channel, Port 3)

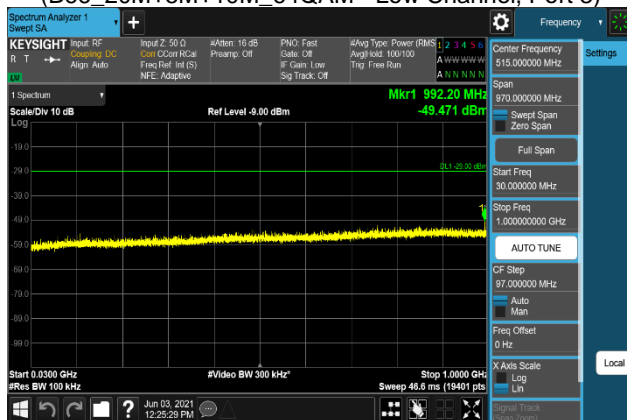
| | | | | |
|--------------------------------------|---|---|---|-----------------------------------|
| FCC ID: A3LRF4402D-D1A |  | MEASUREMENT REPORT (Class II Permissive Change) |  | Approved by: Technical Manager |
| Test Report S/N: 8K21053101R1.A3L | Test Dates: 06/01/2021-06/15/2021 | EUT Type: RRU(RF4402d) | | Page 347 of 515 |



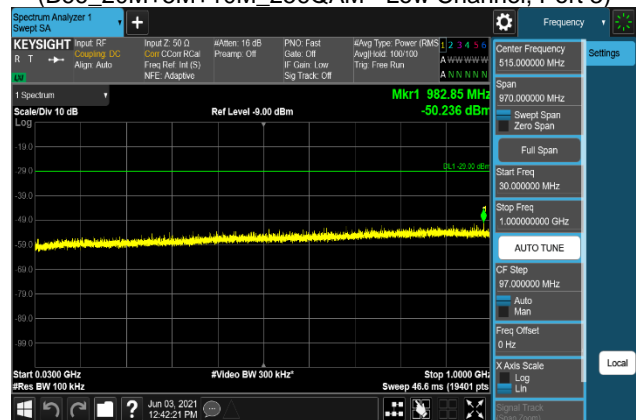
Plot 7-1775. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_20M+5M+10M_64QAM - Low Channel, Port 3)



Plot 7-1776. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B66_20M+5M+10M_256QAM - Low Channel, Port 3)



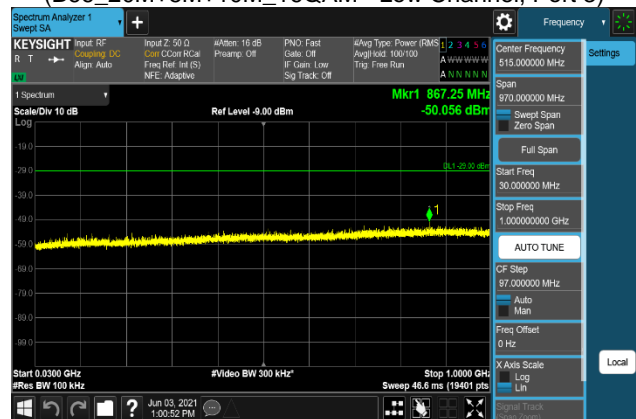
Plot 7-1777. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 3)



Plot 7-1778. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_20M+5M+10M_16QAM - Low Channel, Port 3)

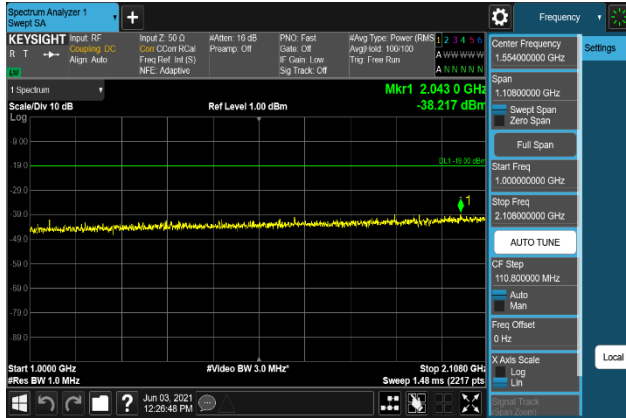


Plot 7-1779. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_20M+5M+10M_64QAM - Low Channel, Port 3)

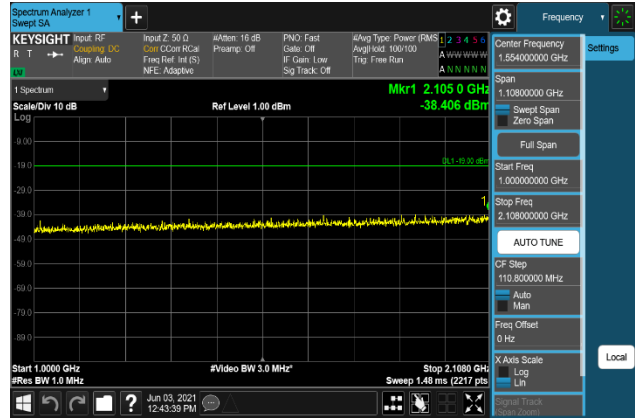


Plot 7-1780. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B66_20M+5M+10M_256QAM - Low Channel, Port 3)

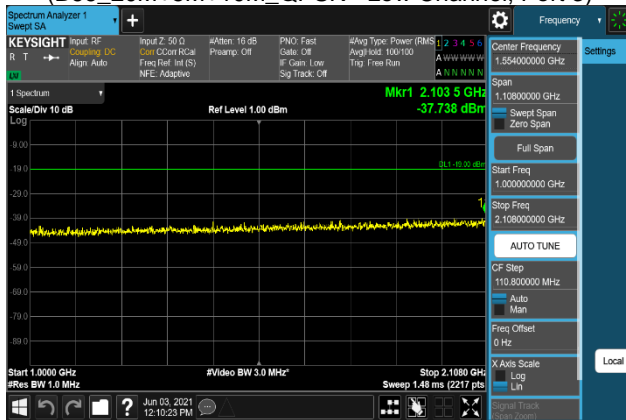
| | | | | |
|---|---|---|--|--|
| FCC ID: A3LRF4402D-D1A | | MEASUREMENT REPORT (Class II Permissive Change) | | Approved by: Technical Manager |
| Test Report S/N: 8K21053101R1.A3L | Test Dates: 06/01/2021-06/15/2021 | EUT Type: RRU(RF4402d) | | Page 348 of 515 |



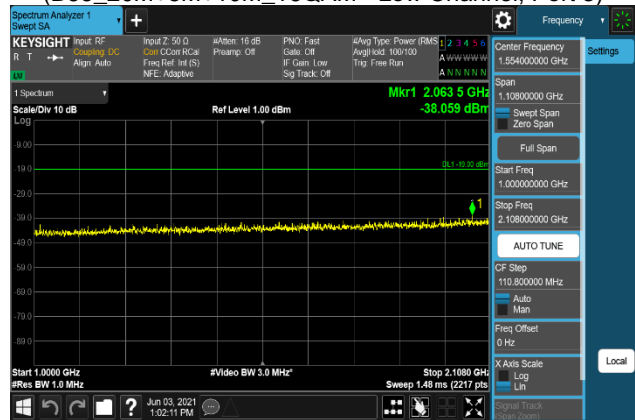
Plot 7-1781. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 3)



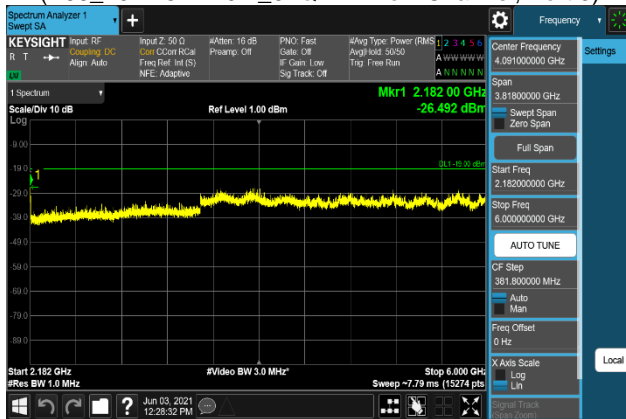
Plot 7-1782. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_20M+5M+10M_16QAM - Low Channel, Port 3)



Plot 7-1783. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_20M+5M+10M_64QAM - Low Channel, Port 3)



Plot 7-1784. Conducted Spurious Emission Plot
1 GHz to 2.108 GHz
(B66_20M+5M+10M_256QAM - Low Channel, Port 3)

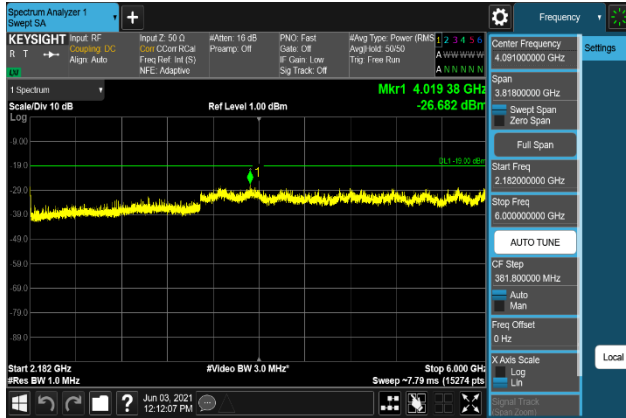


Plot 7-1785. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 3)

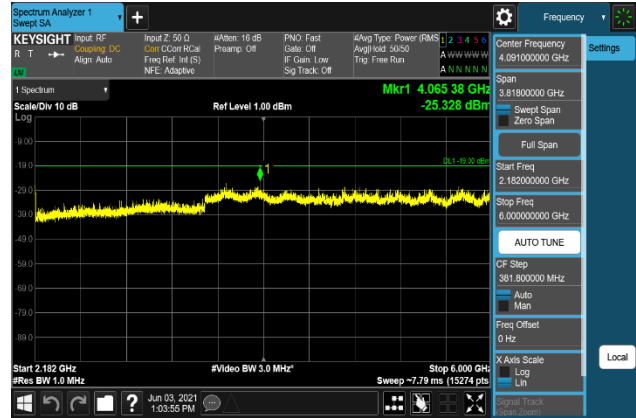


Plot 7-1786. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_20M+5M+10M_16QAM - Low Channel, Port 3)

| | | | | |
|---|---|---|--|--|
| FCC ID: A3LRF4402D-D1A | | MEASUREMENT REPORT (Class II Permissive Change) | | Approved by: Technical Manager |
| Test Report S/N: 8K21053101R1.A3L | Test Dates: 06/01/2021-06/15/2021 | EUT Type: RRU(RF4402d) | | Page 349 of 515 |



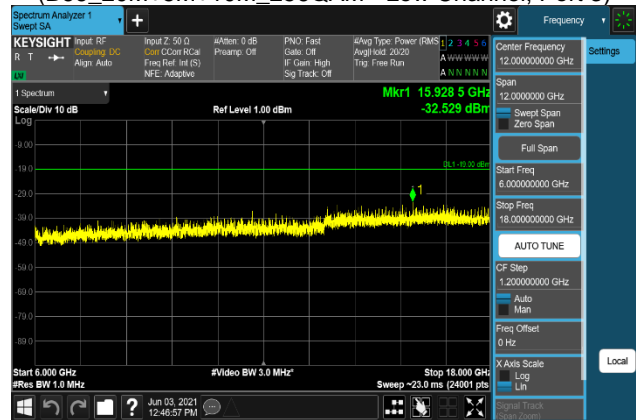
Plot 7-1787. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_20M+5M+10M_64QAM - Low Channel, Port 3)



Plot 7-1788. Conducted Spurious Emission Plot
2.182 GHz to 6 GHz
(B66_20M+5M+10M_256QAM - Low Channel, Port 3)



Plot 7-1789. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 3)



Plot 7-1790. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B66_20M+5M+10M_16QAM - Low Channel, Port 3)

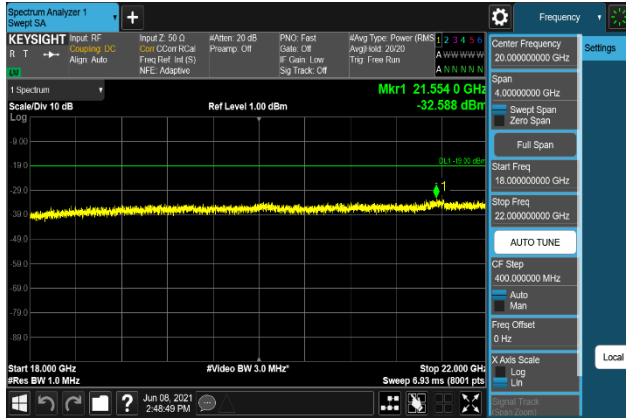


Plot 7-1791. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B66_20M+5M+10M_64QAM - Low Channel, Port 3)

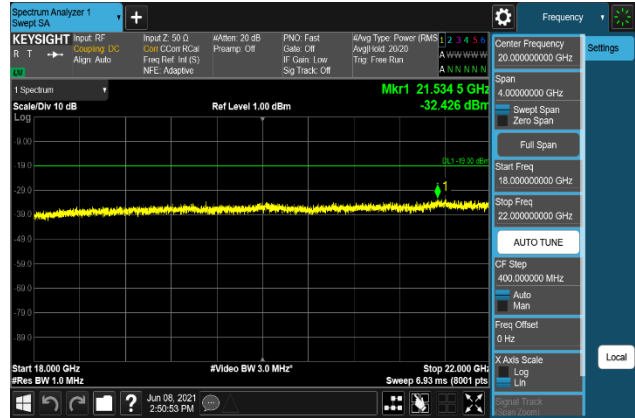


Plot 7-1792. Conducted Spurious Emission Plot
6 GHz to 18 GHz
(B66_20M+5M+10M_256QAM - Low Channel, Port 3)

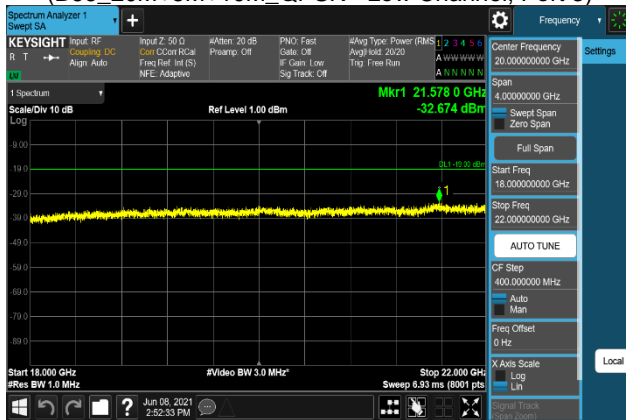
| | | | | |
|--------------------------------------|--------------------------------------|---|--|-----------------------------------|
| FCC ID: A3LRF4402D-D1A | | MEASUREMENT REPORT (Class II Permissive Change) | | Approved by: Technical Manager |
| Test Report S/N: 8K21053101R1.A3L | Test Dates: 06/01/2021-06/15/2021 | EUT Type: RRU(RF4402d) | | Page 350 of 515 |



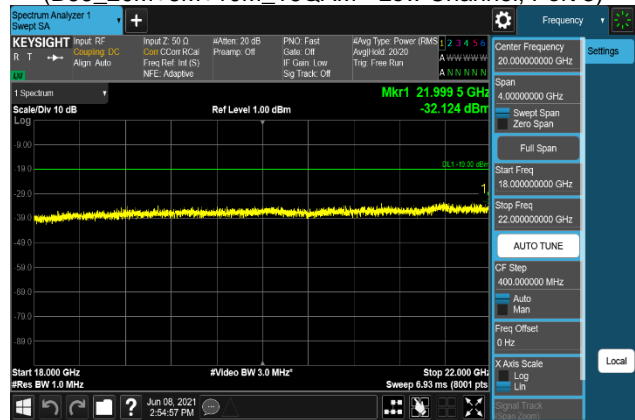
Plot 7-1793. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_20M+5M+10M_QPSK - Low Channel, Port 3)



Plot 7-1794. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_20M+5M+10M_16QAM - Low Channel, Port 3)



Plot 7-1795. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_20M+5M+10M_64QAM - Low Channel, Port 3)





Plot 7-1796. Conducted Spurious Emission Plot
18 GHz to 22 GHz
(B66_20M+5M+10M_256QAM - Low Channel, Port 3)

| | | | | |
|---|---|---|--|--|
| FCC ID: A3LRF4402D-D1A | | MEASUREMENT REPORT (Class II Permissive Change) | | Approved by: Technical Manager |
| Test Report S/N: 8K21053101R1.A3L | Test Dates: 06/01/2021-06/15/2021 | EUT Type: RRU(RF4402d) | | Page 351 of 515 |



- B2 20M+5M Contiguous

| Channel | Port | Measurement Range | QPSK | 16QAM | 64QAM | 256QAM | Limit (dBm) | Worst Margin (dB) |
|---------|------|--------------------|------------|------------|------------|------------|-------------|-------------------|
| | | | Level(dBm) | Level(dBm) | Level(dBm) | Level(dBm) | | |
| Low | 0 | 9 kHz to 150 kHz | -59.082 | -58.927 | -58.576 | -57.910 | -49.0 | -8.890 |
| | | 150 kHz to 30 MHz | -52.515 | -52.718 | -52.820 | -52.836 | -39.0 | -13.495 |
| | | 30 MHz to 1 GHz | -50.832 | -49.396 | -49.638 | -50.438 | -29.0 | -20.376 |
| | | 1 GHz to 1.928 GHz | -32.188 | -32.561 | -30.946 | -31.538 | -19.0 | -11.926 |
| | | 1.992 MHz to 6 GHz | -24.655 | -24.975 | -25.034 | -25.037 | -19.0 | -5.635 |
| | | 6 GHz to 18 GHz | -29.111 | -29.737 | -29.865 | -28.939 | -19.0 | -9.919 |
| | 1 | 18 GHz to 22 GHz | -31.819 | -31.660 | -32.439 | -32.524 | -19.0 | -12.640 |
| | | 9 kHz to 150 kHz | -59.295 | -58.870 | -59.020 | -58.407 | -49.0 | -9.387 |
| | | 150 kHz to 30 MHz | -52.552 | -52.776 | -52.950 | -52.692 | -39.0 | -13.532 |
| | | 30 MHz to 1 GHz | -50.049 | -49.786 | -49.535 | -50.458 | -29.0 | -20.515 |
| | | 1 GHz to 1.928 GHz | -29.449 | -29.707 | -29.904 | -30.919 | -19.0 | -10.429 |
| | | 1.992 MHz to 6 GHz | -23.622 | -23.103 | -24.140 | -22.762 | -19.0 | -3.742 |
| | 2 | 6 GHz to 18 GHz | -28.924 | -28.143 | -28.575 | -28.687 | -19.0 | -9.123 |
| | | 18 GHz to 22 GHz | -32.055 | -32.049 | -32.201 | -32.288 | -19.0 | -13.029 |
| | | 9 kHz to 150 kHz | -58.961 | -58.532 | -58.594 | -58.317 | -49.0 | -9.297 |
| | | 150 kHz to 30 MHz | -52.194 | -51.573 | -51.839 | -51.895 | -39.0 | -12.553 |
| | | 30 MHz to 1 GHz | -50.506 | -50.924 | -51.483 | -50.119 | -29.0 | -21.099 |
| | | 1 GHz to 1.928 GHz | -31.977 | -30.240 | -31.367 | -31.304 | -19.0 | -11.220 |
| | 3 | 1.992 MHz to 6 GHz | -26.027 | -25.831 | -25.438 | -25.697 | -19.0 | -6.418 |
| | | 6 GHz to 18 GHz | -31.430 | -31.710 | -32.011 | -33.623 | -19.0 | -12.410 |
| | | 18 GHz to 22 GHz | -32.488 | -32.379 | -31.777 | -32.233 | -19.0 | -12.757 |
| | | 9 kHz to 150 kHz | -59.104 | -59.183 | -58.551 | -58.617 | -49.0 | -9.531 |
| | | 150 kHz to 30 MHz | -52.389 | -52.986 | -52.730 | -52.898 | -39.0 | -13.369 |
| | | 30 MHz to 1 GHz | -49.805 | -50.282 | -50.171 | -49.323 | -29.0 | -20.303 |
| Middle | 0 | 1 GHz to 1.928 GHz | -31.285 | -31.373 | -31.349 | -30.038 | -19.0 | -11.018 |
| | | 1.992 MHz to 6 GHz | -25.221 | -25.280 | -25.253 | -25.564 | -19.0 | -6.201 |
| | | 6 GHz to 18 GHz | -30.632 | -31.028 | -31.733 | -31.044 | -19.0 | -11.612 |
| | | 18 GHz to 22 GHz | -31.431 | -32.308 | -31.929 | -32.336 | -19.0 | -12.411 |
| | | 9 kHz to 150 kHz | -59.204 | -58.549 | -58.606 | -58.619 | -49.0 | -9.529 |
| | | 150 kHz to 30 MHz | -52.173 | -52.724 | -52.376 | -52.655 | -39.0 | -13.153 |
| | 1 | 30 MHz to 1 GHz | -50.517 | -49.795 | -49.858 | -49.895 | -29.0 | -20.775 |
| | | 1 GHz to 1.928 GHz | -34.857 | -33.610 | -32.994 | -34.024 | -19.0 | -13.974 |
| | | 1.992 MHz to 6 GHz | -24.862 | -24.664 | -25.274 | -25.855 | -19.0 | -5.644 |
| | | 6 GHz to 18 GHz | -29.085 | -29.557 | -28.935 | -28.557 | -19.0 | -9.537 |
| | | 18 GHz to 22 GHz | -31.962 | -32.384 | -32.370 | -32.059 | -19.0 | -12.942 |
| | | 9 kHz to 150 kHz | -59.595 | -59.266 | -59.278 | -58.968 | -49.0 | -9.948 |
| | 2 | 150 kHz to 30 MHz | -52.983 | -53.169 | -52.948 | -52.342 | -39.0 | -13.322 |
| | | 30 MHz to 1 GHz | -50.926 | -50.654 | -50.182 | -50.424 | -29.0 | -21.162 |
| | | 1 GHz to 1.928 GHz | -33.400 | -33.364 | -33.142 | -33.705 | -19.0 | -14.122 |
| | | 1.992 MHz to 6 GHz | -24.325 | -23.955 | -23.626 | -23.724 | -19.0 | -4.606 |
| | | 6 GHz to 18 GHz | -28.315 | -28.326 | -28.936 | -28.206 | -19.0 | -9.186 |
| | | 18 GHz to 22 GHz | -31.906 | -32.253 | -32.368 | -31.968 | -19.0 | -12.886 |
| | 3 | 9 kHz to 150 kHz | -58.294 | -58.407 | -58.299 | -58.311 | -49.0 | -9.274 |
| | | 150 kHz to 30 MHz | -52.187 | -52.560 | -52.365 | -52.039 | -39.0 | -13.019 |
| | | 30 MHz to 1 GHz | -50.367 | -49.131 | -50.706 | -51.107 | -29.0 | -20.111 |
| | | 1 GHz to 1.928 GHz | -34.241 | -34.477 | -34.567 | -33.754 | -19.0 | -14.734 |
| | | 1.992 MHz to 6 GHz | -25.677 | -24.324 | -25.684 | -25.144 | -19.0 | -5.304 |
| | | 6 GHz to 18 GHz | -30.935 | -31.535 | -31.173 | -31.384 | -19.0 | -11.915 |
| | | 18 GHz to 22 GHz | -32.369 | -32.597 | -31.671 | -32.223 | -19.0 | -12.651 |

| | | | | |
|---|---|---|---|--|
| FCC ID: A3LRF4402D-D1A |  | MEASUREMENT REPORT (Class II Permissive Change) |  | Approved by: Technical Manager |
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| | | | | | | | | |
|------|--------------------|--------------------|---------|---------|---------|---------|---------|---------|
| 3 | 9 kHz to 150 kHz | -59.173 | -58.349 | -59.481 | -58.843 | -49.0 | -9.329 | |
| | 150 kHz to 30 MHz | -52.760 | -52.551 | -52.869 | -52.829 | -39.0 | -13.531 | |
| | 30 MHz to 1 GHz | -50.747 | -50.796 | -51.441 | -50.779 | -29.0 | -21.727 | |
| | 1 GHz to 1.928 GHz | -35.258 | -33.285 | -35.087 | -34.067 | -19.0 | -14.265 | |
| | 1.992 MHz to 6 GHz | -25.554 | -24.790 | -25.606 | -25.532 | -19.0 | -5.770 | |
| | 6 GHz to 18 GHz | -31.527 | -31.488 | -30.828 | -31.394 | -19.0 | -11.808 | |
| | 18 GHz to 22 GHz | -31.246 | -31.689 | -31.704 | -31.943 | -19.0 | -12.226 | |
| High | 0 | 9 kHz to 150 kHz | -58.610 | -59.424 | -56.624 | -56.745 | -49.0 | -7.604 |
| | | 150 kHz to 30 MHz | -52.270 | -52.469 | -51.955 | -51.772 | -39.0 | -12.752 |
| | | 30 MHz to 1 GHz | -49.669 | -50.339 | -50.693 | -50.544 | -29.0 | -20.649 |
| | | 1 GHz to 1.928 GHz | -34.151 | -33.843 | -34.177 | -33.970 | -19.0 | -14.823 |
| | | 1.992 MHz to 6 GHz | -24.598 | -25.328 | -24.493 | -24.842 | -19.0 | -5.473 |
| | | 6 GHz to 18 GHz | -28.977 | -28.780 | -29.281 | -29.474 | -19.0 | -9.760 |
| | | 18 GHz to 22 GHz | -32.247 | -32.581 | -32.466 | -32.332 | -19.0 | -13.227 |
| | 1 | 9 kHz to 150 kHz | -58.970 | -59.390 | -57.256 | -56.965 | -49.0 | -7.945 |
| | | 150 kHz to 30 MHz | -52.790 | -52.930 | -52.553 | -52.333 | -39.0 | -13.313 |
| | | 30 MHz to 1 GHz | -50.267 | -50.018 | -49.942 | -49.631 | -29.0 | -20.611 |
| | | 1 GHz to 1.928 GHz | -33.951 | -34.192 | -33.979 | -32.750 | -19.0 | -13.730 |
| | | 1.992 MHz to 6 GHz | -23.783 | -24.157 | -24.167 | -24.146 | -19.0 | -4.763 |
| | | 6 GHz to 18 GHz | -28.335 | -28.555 | -28.654 | -28.651 | -19.0 | -9.315 |
| | | 18 GHz to 22 GHz | -32.245 | -32.256 | -32.471 | -32.198 | -19.0 | -13.178 |
| | 2 | 9 kHz to 150 kHz | -59.116 | -58.702 | -56.706 | -56.077 | -49.0 | -7.057 |
| | | 150 kHz to 30 MHz | -52.031 | -52.238 | -51.727 | -51.590 | -39.0 | -12.570 |
| | | 30 MHz to 1 GHz | -49.922 | -50.785 | -50.386 | -50.862 | -29.0 | -20.902 |
| | | 1 GHz to 1.928 GHz | -35.093 | -34.476 | -35.030 | -34.158 | -19.0 | -15.138 |
| | | 1.992 MHz to 6 GHz | -25.352 | -25.200 | -24.865 | -24.841 | -19.0 | -5.821 |
| | | 6 GHz to 18 GHz | -31.470 | -29.620 | -31.533 | -30.612 | -19.0 | -10.600 |
| | | 18 GHz to 22 GHz | -32.256 | -31.595 | -32.116 | -32.701 | -19.0 | -12.575 |
| 3 | 9 kHz to 150 kHz | -58.761 | -59.027 | -57.063 | -56.296 | -49.0 | -7.276 | |
| | 150 kHz to 30 MHz | -52.823 | -52.569 | -52.272 | -52.132 | -39.0 | -13.112 | |
| | 30 MHz to 1 GHz | -51.073 | -50.599 | -50.338 | -50.433 | -29.0 | -21.318 | |
| | 1 GHz to 1.928 GHz | -35.245 | -34.906 | -36.063 | -34.605 | -19.0 | -15.585 | |
| | 1.992 MHz to 6 GHz | -25.409 | -25.115 | -25.089 | -24.588 | -19.0 | -5.568 | |
| | 6 GHz to 18 GHz | -31.181 | -30.953 | -30.838 | -31.250 | -19.0 | -11.818 | |
| | 18 GHz to 22 GHz | -31.869 | -32.415 | -31.415 | -32.368 | -19.0 | -12.395 | |



Table 7-39. Conducted Spurious Emission Summary Data (B2_20M+5M_Contiguous)

| | | | | |
|---|---|---|---|--|
| FCC ID: A3LRF4402D-D1A |  | MEASUREMENT REPORT (Class II Permissive Change) |  | Approved by: Technical Manager |
| Test Report S/N: 8K21053101R1.A3L | Test Dates: 06/01/2021-06/15/2021 | EUT Type: RRU(RF4402d) | Page 353 of 515 | |

- B2_20M+5M_Non-Contiguous

| Port | Measurement Range | QPSK | 16QAM | 64QAM | 256QAM | Limit (dBm) | Worst Margin (dB) |
|------|--------------------|------------|------------|------------|------------|-------------|-------------------|
| | | Level(dBm) | Level(dBm) | Level(dBm) | Level(dBm) | | |
| 0 | 9 kHz to 150 kHz | -56.838 | -56.578 | -55.946 | -56.054 | -49.0 | -6.926 |
| | 150 kHz to 30 MHz | -52.126 | -51.871 | -51.593 | -51.926 | -39.0 | -12.573 |
| | 30 MHz to 1 GHz | -50.371 | -50.173 | -50.129 | -50.334 | -29.0 | -21.109 |
| | 1 GHz to 1.928 GHz | -30.589 | -31.058 | -30.578 | -31.079 | -19.0 | -11.558 |
| | 1.992 MHz to 6 GHz | -24.400 | -24.258 | -24.999 | -25.241 | -19.0 | -5.238 |
| | 6 GHz to 18 GHz | -29.831 | -29.221 | -28.458 | -28.050 | -19.0 | -9.030 |
| | 18 GHz to 22 GHz | -32.082 | -32.543 | -32.644 | -32.379 | -19.0 | -13.062 |
| 1 | 9 kHz to 150 kHz | -57.658 | -56.480 | -57.301 | -56.582 | -49.0 | -7.460 |
| | 150 kHz to 30 MHz | -51.893 | -52.532 | -52.190 | -52.203 | -39.0 | -12.873 |
| | 30 MHz to 1 GHz | -49.835 | -49.768 | -49.791 | -49.120 | -29.0 | -20.100 |
| | 1 GHz to 1.928 GHz | -30.409 | -31.242 | -31.708 | -30.057 | -19.0 | -11.037 |
| | 1.992 MHz to 6 GHz | -23.495 | -24.159 | -24.403 | -24.207 | -19.0 | -4.475 |
| | 6 GHz to 18 GHz | -27.728 | -28.722 | -29.191 | -28.879 | -19.0 | -8.708 |
| | 18 GHz to 22 GHz | -32.198 | -32.457 | -32.164 | -32.184 | -19.0 | -13.144 |
| 2 | 9 kHz to 150 kHz | -56.017 | -56.299 | -55.397 | -55.818 | -49.0 | -6.377 |
| | 150 kHz to 30 MHz | -51.557 | -51.614 | -51.555 | -51.584 | -39.0 | -12.535 |
| | 30 MHz to 1 GHz | -50.949 | -51.222 | -50.159 | -50.604 | -29.0 | -21.139 |
| | 1 GHz to 1.928 GHz | -32.064 | -30.812 | -31.534 | -31.687 | -19.0 | -11.792 |
| | 1.992 MHz to 6 GHz | -25.534 | -25.821 | -25.658 | -25.667 | -19.0 | -6.514 |
| | 6 GHz to 18 GHz | -30.173 | -31.872 | -31.595 | -31.293 | -19.0 | -11.153 |
| | 18 GHz to 22 GHz | -31.396 | -31.904 | -32.570 | -32.217 | -19.0 | -12.376 |
| 3 | 9 kHz to 150 kHz | -57.202 | -56.453 | -56.130 | -56.515 | -49.0 | -7.110 |
| | 150 kHz to 30 MHz | -52.403 | -51.594 | -52.230 | -52.308 | -39.0 | -12.574 |
| | 30 MHz to 1 GHz | -50.642 | -50.300 | -50.113 | -50.469 | -29.0 | -21.093 |
| | 1 GHz to 1.928 GHz | -32.132 | -29.952 | -30.842 | -30.292 | -19.0 | -10.932 |
| | 1.992 MHz to 6 GHz | -25.624 | -25.678 | -25.415 | -25.324 | -19.0 | -6.304 |
| | 6 GHz to 18 GHz | -31.749 | -30.910 | -31.363 | -31.405 | -19.0 | -11.890 |
| | 18 GHz to 22 GHz | -32.446 | -32.477 | -31.706 | -32.505 | -19.0 | -12.686 |

Table 7-40. Conducted Spurious Emission Summary Data (B2_20M+5M_Non-Contiguous)

| | | | | | |
|---|---|--|--|---|--|
| FCC ID: A3LRF4402D-D1A |  | MEASUREMENT REPORT (Class II Permissive Change) | |  | Approved by: Technical Manager |
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- B2_20M+5M_Contiguous



Plot 7-1797. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B2_20M+5M_QPSK - Low Channel, Port 0)



Plot 7-1798. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B2_20M+5M_16QAM - Low Channel, Port 0)



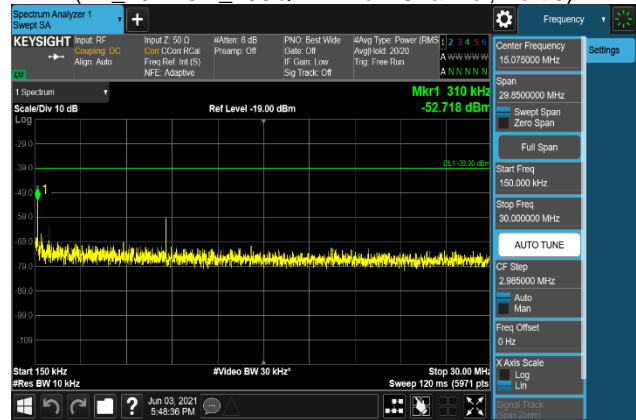
Plot 7-1799. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B2_20M+5M_64QAM - Low Channel, Port 0)



Plot 7-1800. Conducted Spurious Emission Plot
9 kHz to 150 kHz
(B2_20M+5M_256QAM - Low Channel, Port 0)

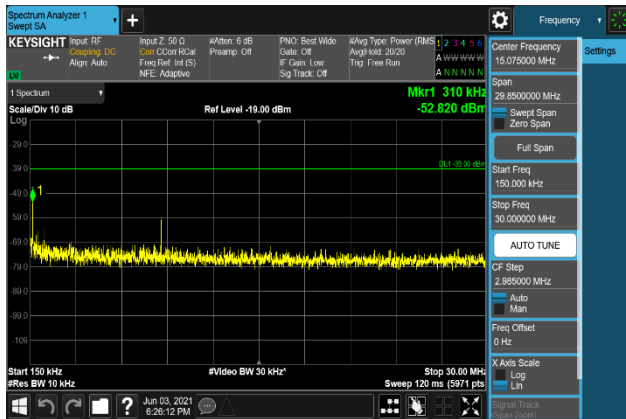


Plot 7-1801. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B2_20M+5M_QPSK - Low Channel, Port 0)

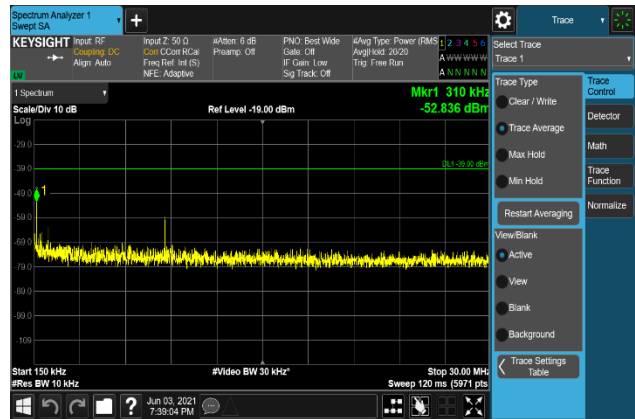


Plot 7-1802. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B2_20M+5M_16QAM - Low Channel, Port 0)

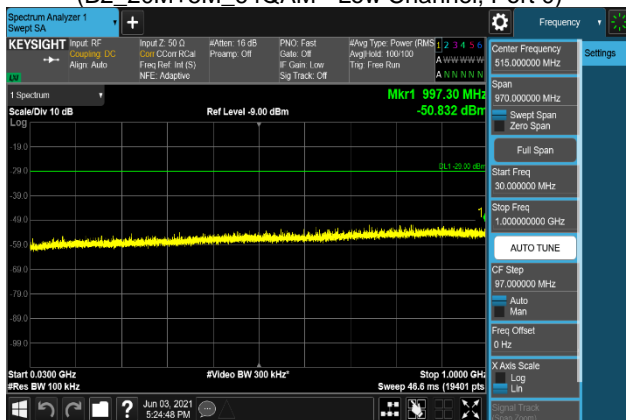
| | | | | |
|---|---|---|--|--|
| FCC ID: A3LRF4402D-D1A | | MEASUREMENT REPORT (Class II Permissive Change) | | Approved by: Technical Manager |
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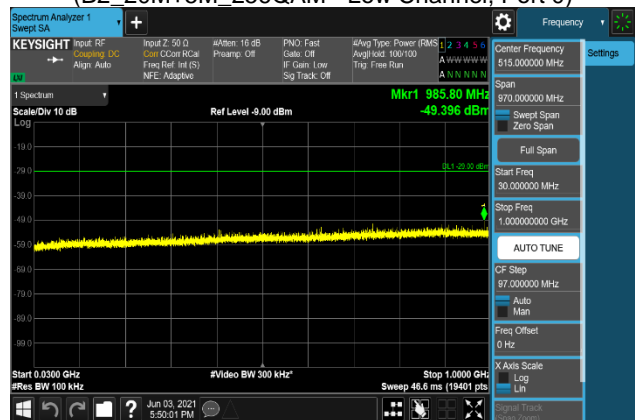
Plot 7-1803. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B2_20M+5M_64QAM - Low Channel, Port 0)



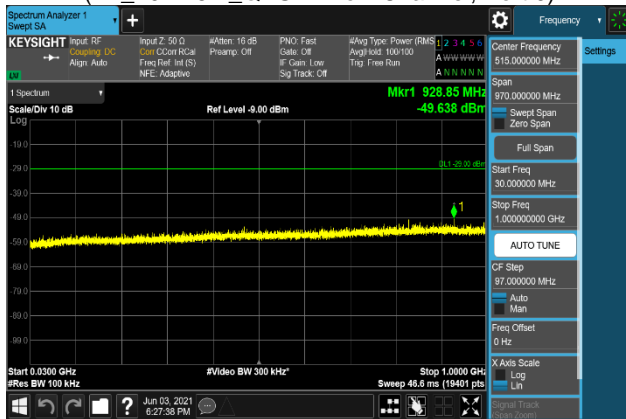
Plot 7-1804. Conducted Spurious Emission Plot
150 kHz to 30 MHz
(B2_20M+5M_256QAM - Low Channel, Port 0)



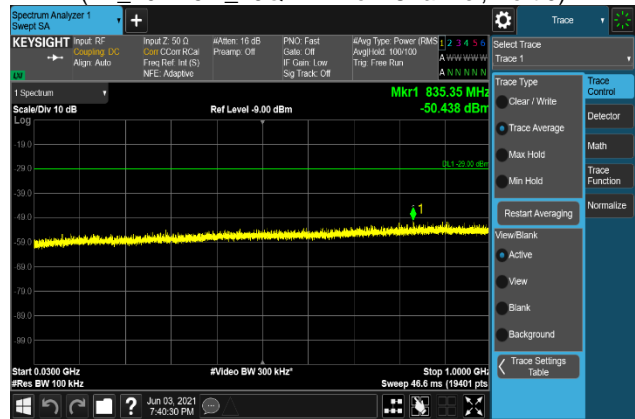
Plot 7-1805. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B2_20M+5M_QPSK - Low Channel, Port 0)



Plot 7-1806. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B2_20M+5M_16QAM - Low Channel, Port 0)



Plot 7-1807. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B2_20M+5M_64QAM - Low Channel, Port 0)



Plot 7-1808. Conducted Spurious Emission Plot
30 MHz to 1 GHz
(B2_20M+5M_256QAM - Low Channel, Port 0)

| | | | | |
|--------------------------------------|--------------------------------------|---|--|-----------------------------------|
| FCC ID: A3LRF4402D-D1A | | MEASUREMENT REPORT (Class II Permissive Change) | | Approved by: Technical Manager |
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