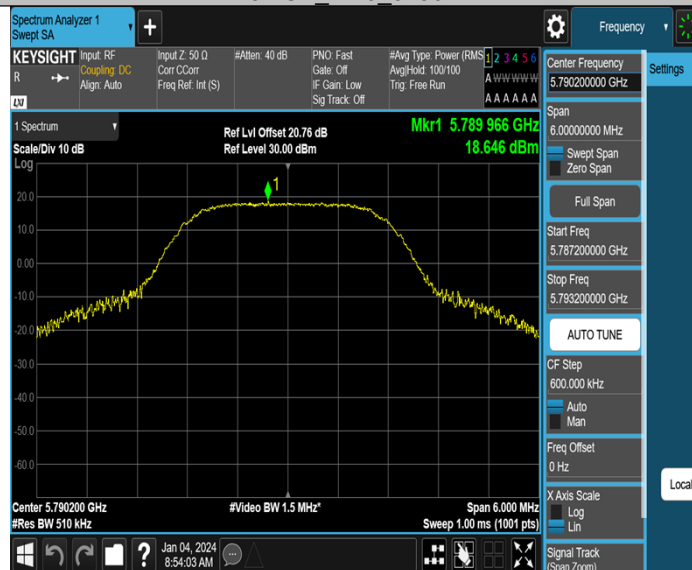


3MCA\_Ant3\_5790.2



3MCA\_Ant2\_5847.2



3MCA\_Ant3\_5847.2

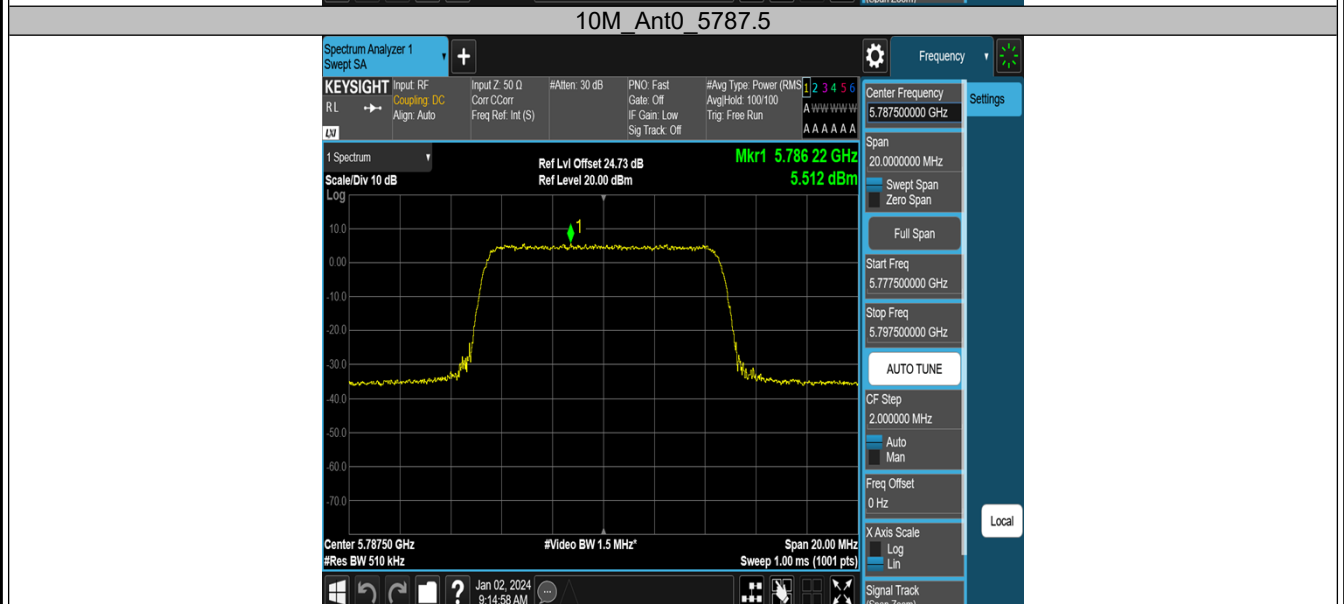
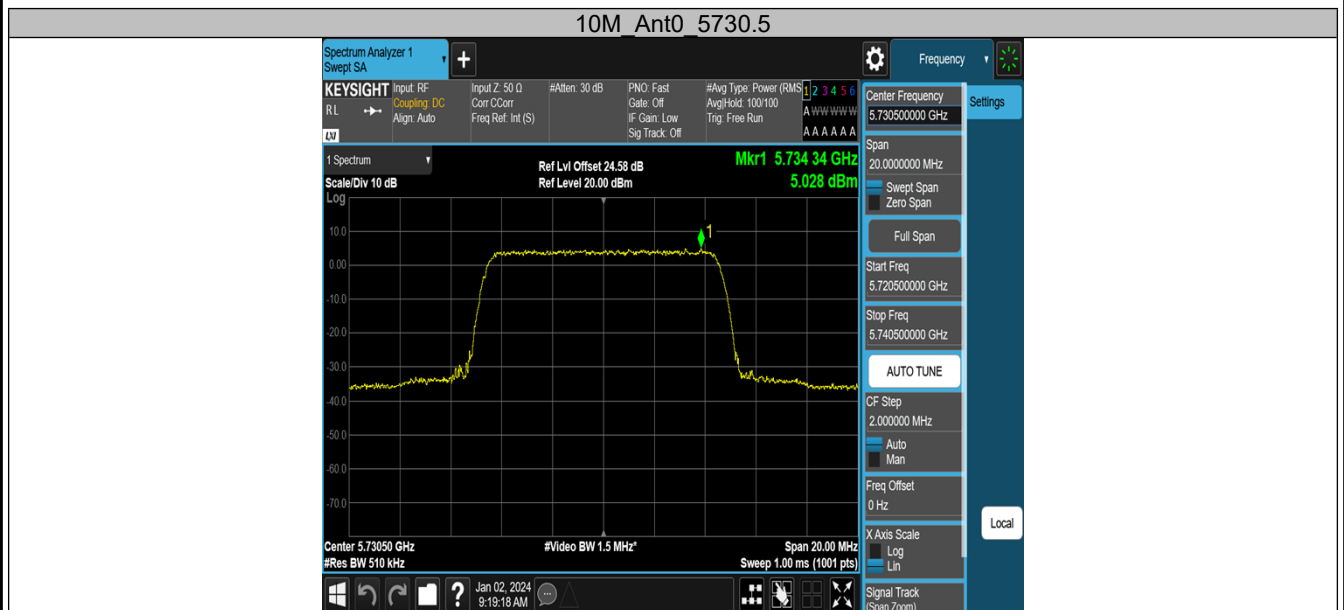


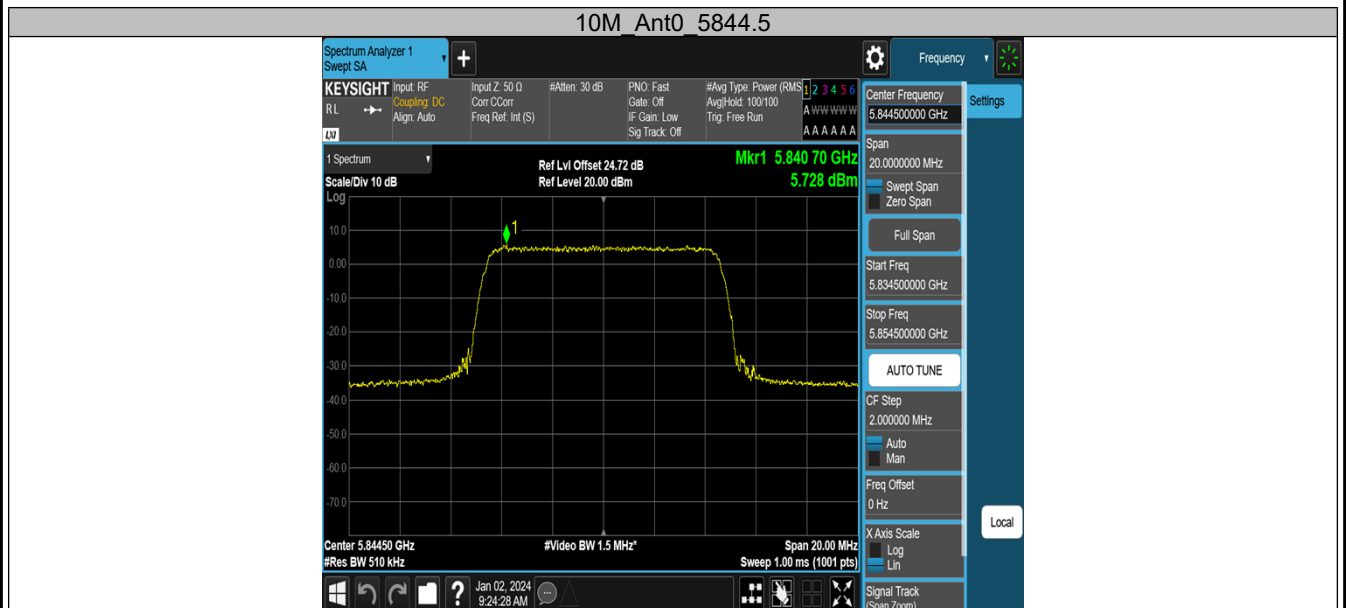
Prüfbericht - Produkte  
Test Report - Products

5.8G SDR, 10MHz BW

SISO mode (Worst case\_ANT0)

| TestMode | Antenna | Channel | Result[dBm/500kHz] | Limit[dBm/500kHz] | Verdict |
|----------|---------|---------|--------------------|-------------------|---------|
| 10M      | Ant0    | 5730.5  | 5.03               | ≤30.00            | PASS    |
|          |         | 5787.5  | 5.51               | ≤30.00            | PASS    |
|          |         | 5844.5  | 5.73               | ≤30.00            | PASS    |



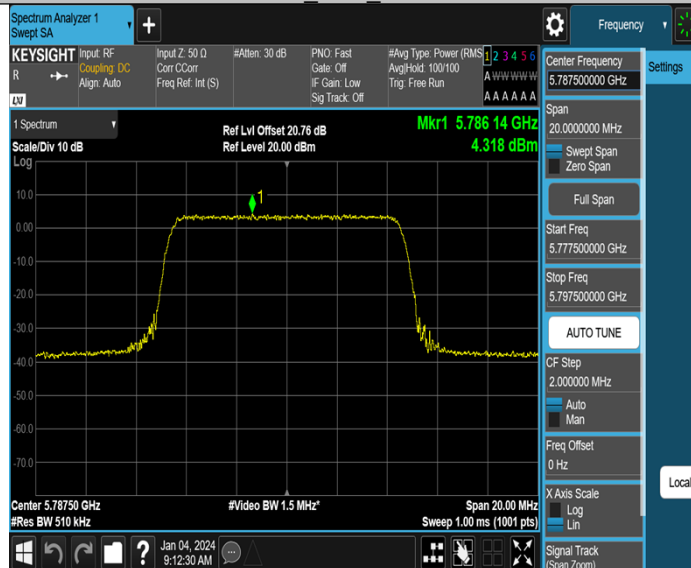


MIMO mode (Worst case\_ANT2+ANT3)

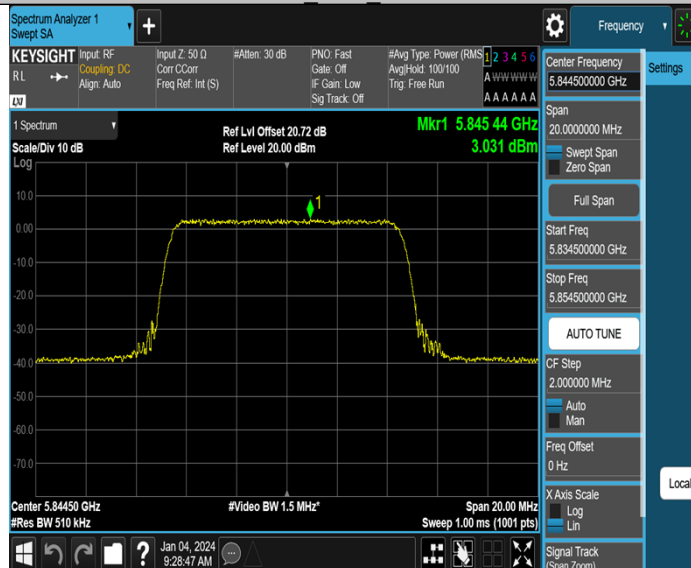
| TestMode | Antenna | Channel | Result[dBm/500kHz] | Limit[dBm/500kHz] | Verdict |
|----------|---------|---------|--------------------|-------------------|---------|
| 10M      | Ant2    | 5730.5  | 2.29               | ≤30.00            | PASS    |
|          | Ant3    | 5730.5  | 1.96               | ≤30.00            | PASS    |
|          | total   | 5730.5  | 5.14               | ≤30.00            | PASS    |
|          | Ant2    | 5787.5  | 4.12               | ≤30.00            | PASS    |
|          | Ant3    | 5787.5  | 4.32               | ≤30.00            | PASS    |
|          | total   | 5787.5  | 7.23               | ≤30.00            | PASS    |
|          | Ant2    | 5844.5  | 3.03               | ≤30.00            | PASS    |
|          | Ant3    | 5844.5  | 3.24               | ≤30.00            | PASS    |
|          | total   | 5844.5  | 6.15               | ≤30.00            | PASS    |



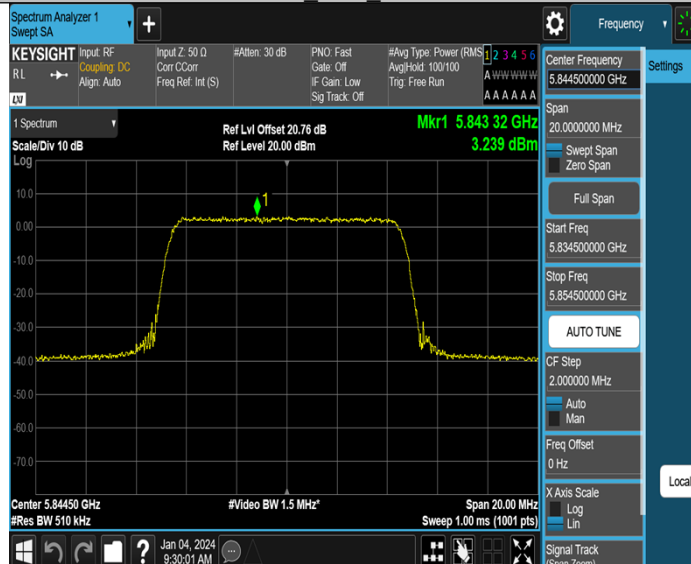
10M Ant3 5787.5



10M Ant2 5844.5



10M Ant3 5844.5

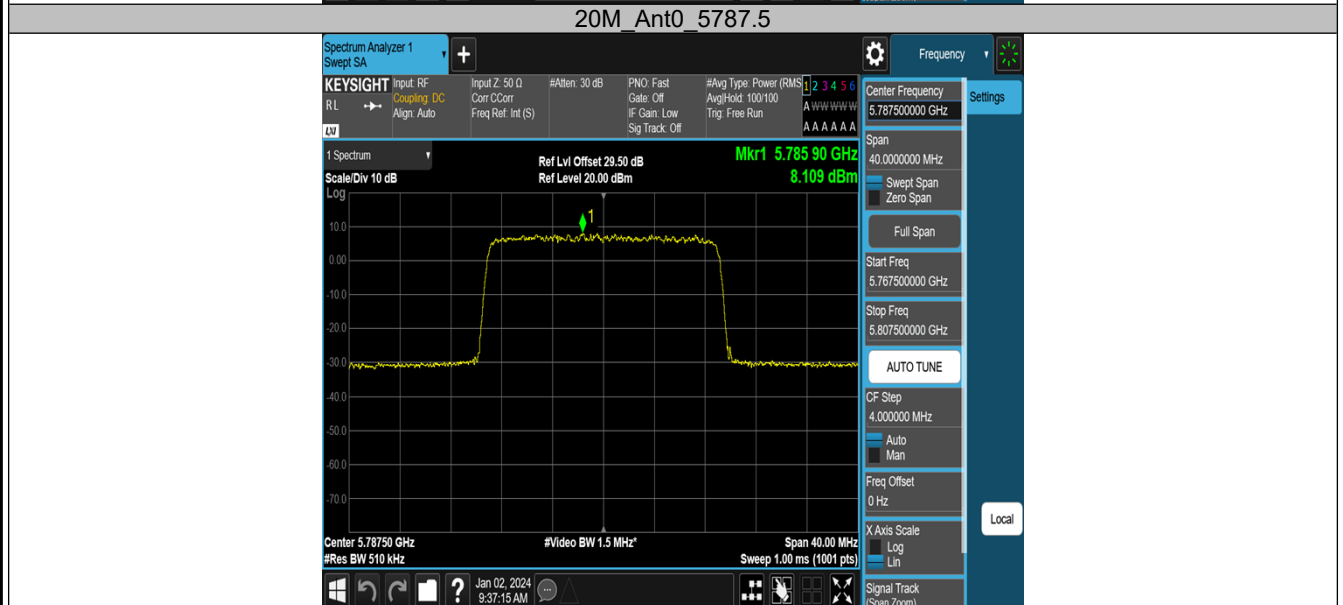
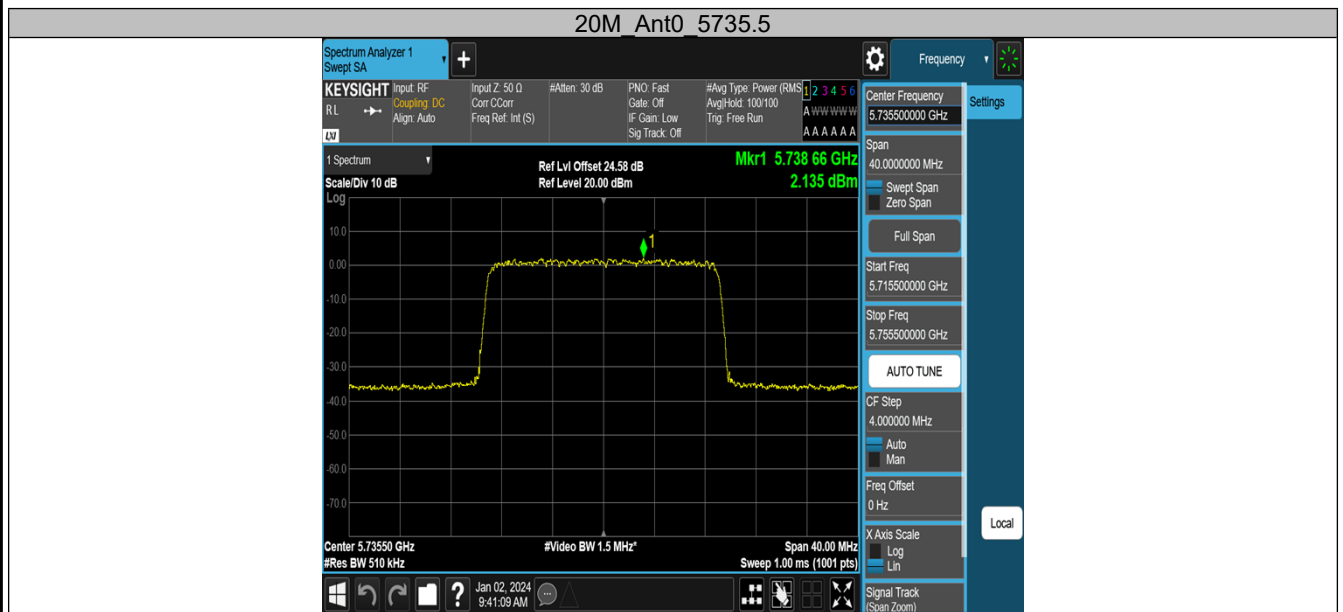


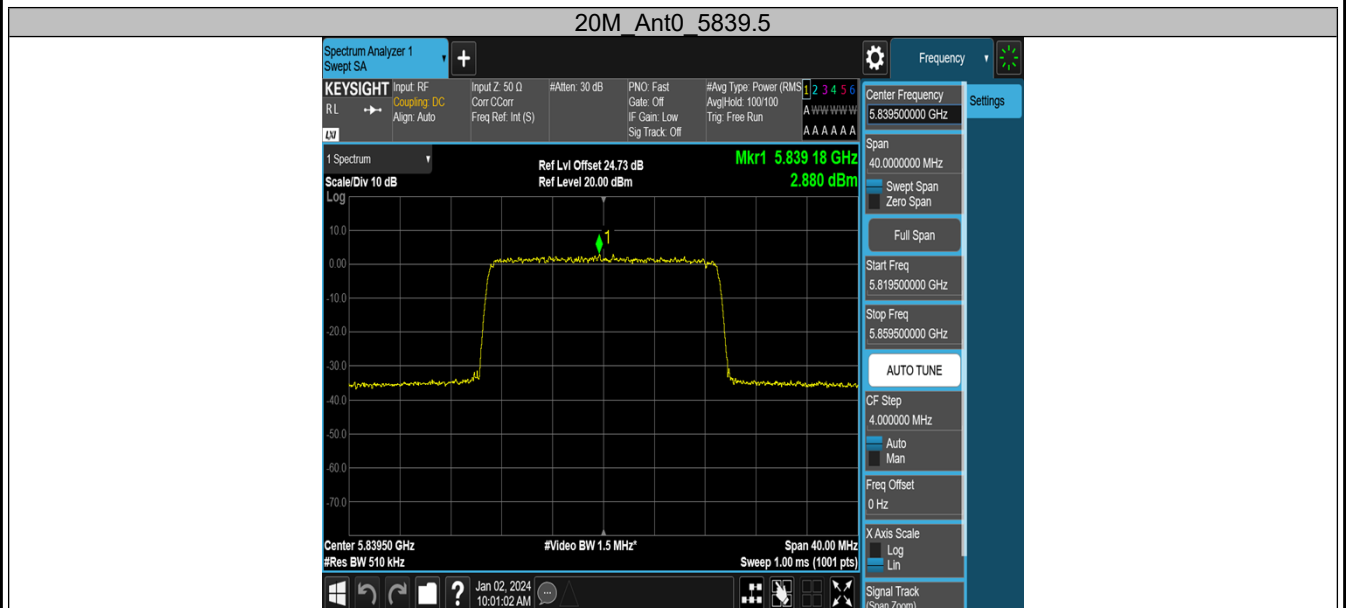
Prüfbericht - Produkte  
Test Report - Products

5.8G SDR, 20MHz BW

SISO mode (Worst case\_ANT0)

| TestMode | Antenna | Channel | Result[dBm/500kHz] | Limit[dBm/500kHz] | Verdict |
|----------|---------|---------|--------------------|-------------------|---------|
| 20M      | Ant0    | 5735.5  | 2.14               | ≤30.00            | PASS    |
|          |         | 5787.5  | 8.11               | ≤30.00            | PASS    |
|          |         | 5839.5  | 2.88               | ≤30.00            | PASS    |



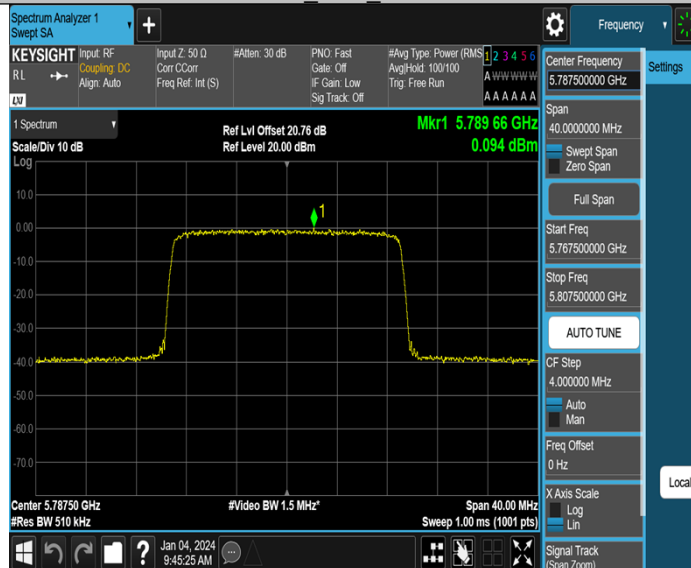


MIMO mode (Worst case\_ANT2+ANT3)

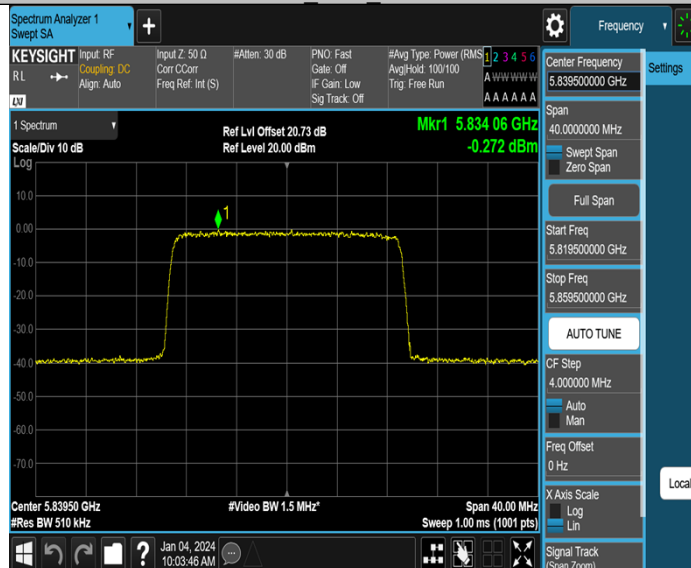
| TestMode | Antenna | Channel | Result[dBm/500kHz] | Limit[dBm/500kHz] | Verdict |
|----------|---------|---------|--------------------|-------------------|---------|
| 20M      | Ant2    | 5735.5  | -0.53              | ≤30.00            | PASS    |
|          | Ant3    | 5735.5  | -1.04              | ≤30.00            | PASS    |
|          | total   | 5735.5  | 2.23               | ≤30.00            | PASS    |
|          | Ant2    | 5787.5  | -0.12              | ≤30.00            | PASS    |
|          | Ant3    | 5787.5  | 0.09               | ≤30.00            | PASS    |
|          | total   | 5787.5  | 3                  | ≤30.00            | PASS    |
|          | Ant2    | 5839.5  | -0.27              | ≤30.00            | PASS    |
|          | Ant3    | 5839.5  | -1.07              | ≤30.00            | PASS    |
|          | total   | 5839.5  | 2.36               | ≤30.00            | PASS    |



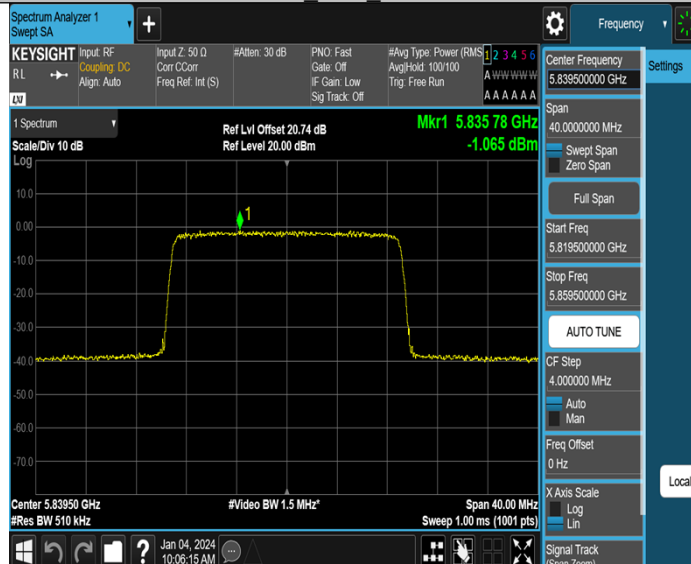
20M Ant3 5787.5



20M Ant2 5839.5



20M Ant3 5839.5

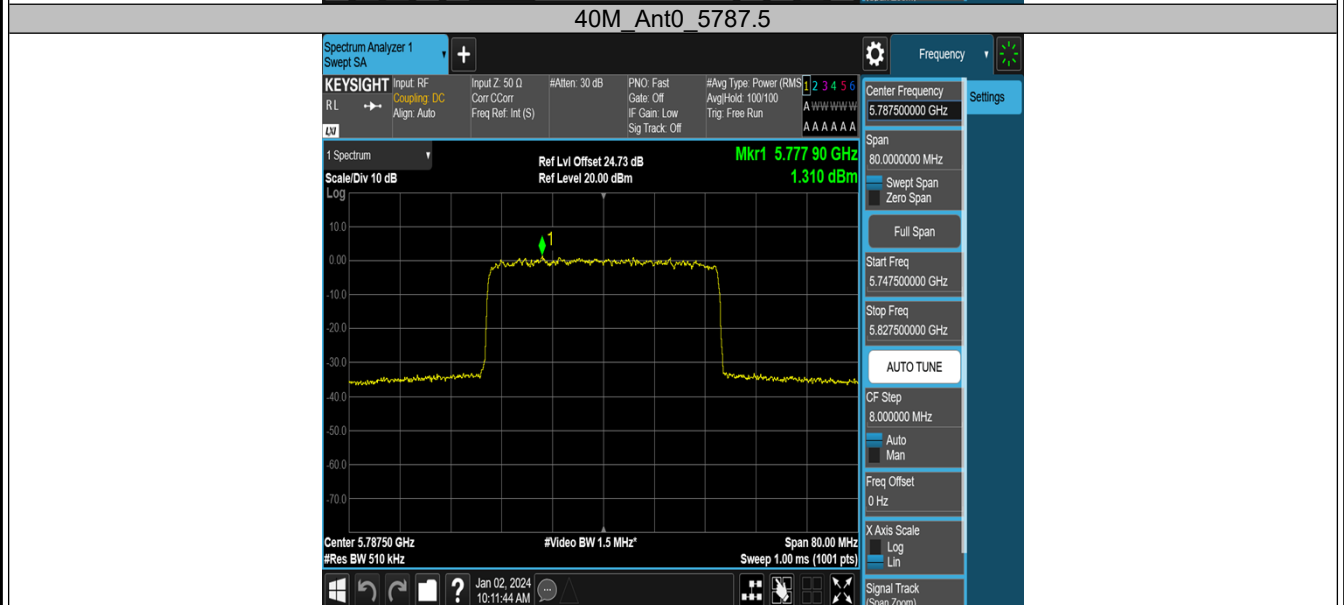
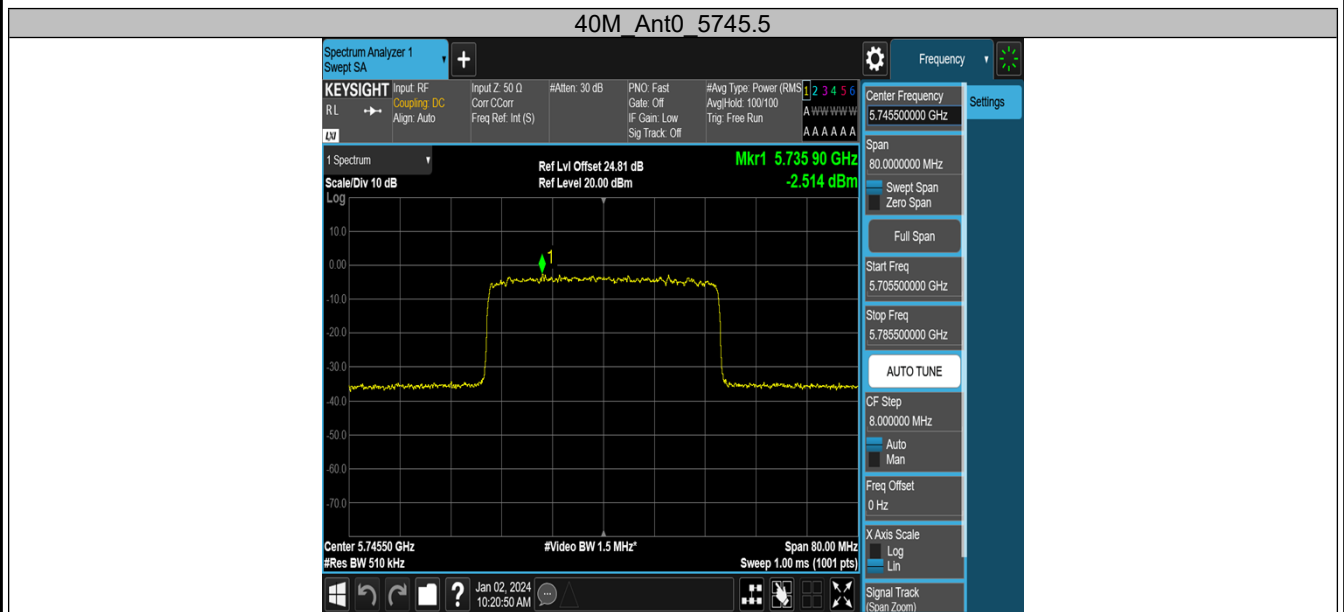


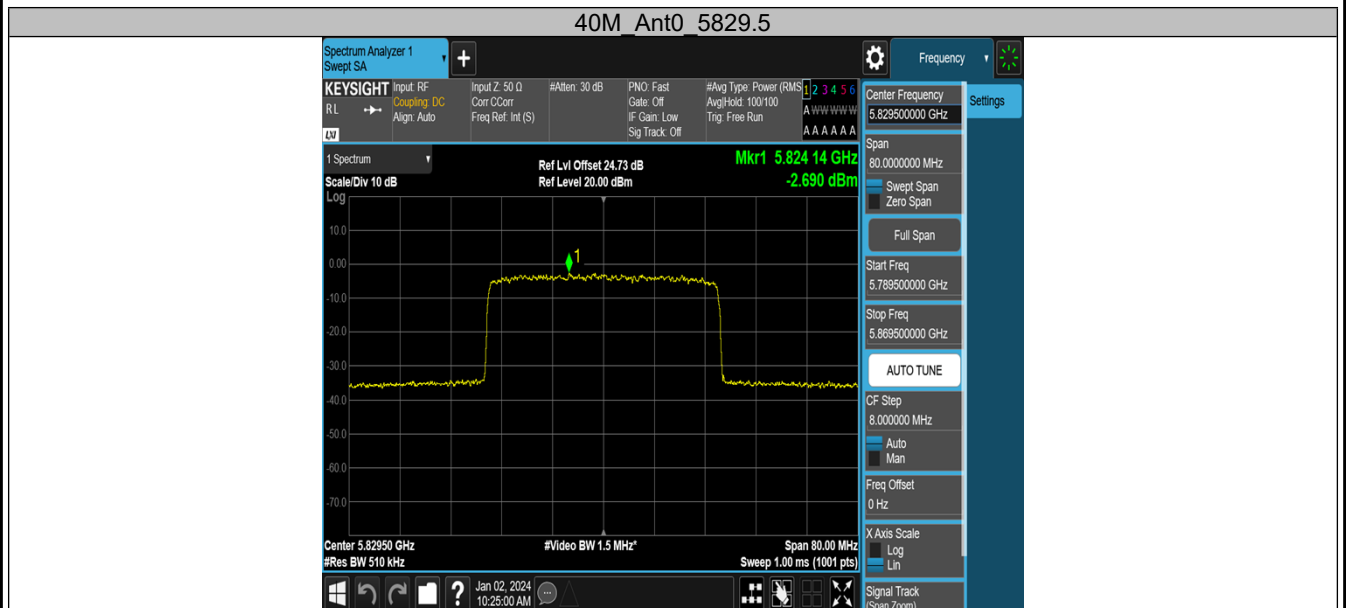
Prüfbericht - Produkte  
Test Report - Products

5.8G SDR, 40MHz BW

SISO mode (Worst case\_ANT0)

| TestMode | Antenna | Channel | Result[dBm/500kHz] | Limit[dBm/500kHz] | Verdict |
|----------|---------|---------|--------------------|-------------------|---------|
| 40M      | Ant0    | 5745.5  | -2.51              | ≤30.00            | PASS    |
|          |         | 5787.5  | 1.31               | ≤30.00            | PASS    |
|          |         | 5829.5  | -2.69              | ≤30.00            | PASS    |

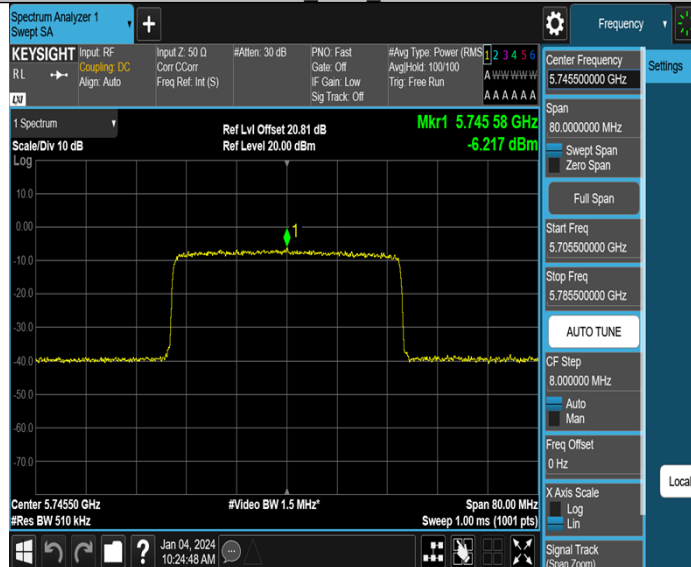




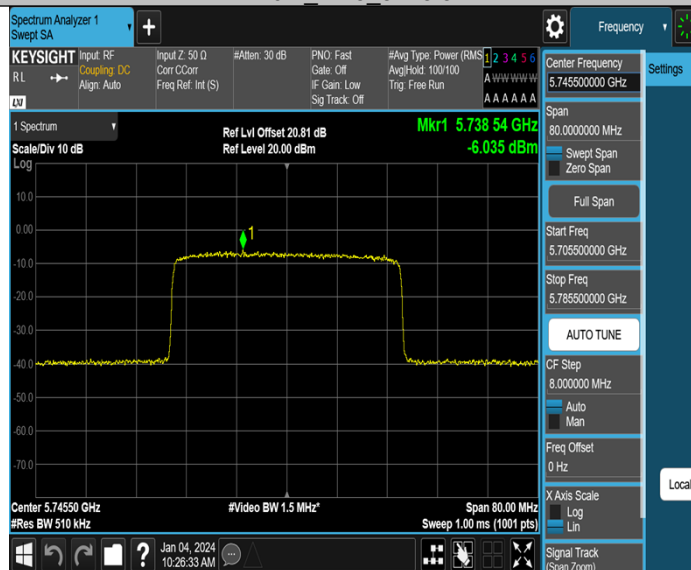
MIMO mode (Worst case\_ANT2+ANT3)

| TestMode | Antenna | Channel | Result[dBm/500kHz] | Limit[dBm/500kHz] | Verdict |
|----------|---------|---------|--------------------|-------------------|---------|
| 40M      | Ant2    | 5745.5  | -6.22              | ≤30.00            | PASS    |
|          | Ant3    | 5745.5  | -6.04              | ≤30.00            | PASS    |
|          | total   | 5745.5  | -3.12              | ≤30.00            | PASS    |
|          | Ant2    | 5787.5  | -1.98              | ≤30.00            | PASS    |
|          | Ant3    | 5787.5  | -1.98              | ≤30.00            | PASS    |
|          | total   | 5787.5  | 1.03               | ≤30.00            | PASS    |
|          | Ant2    | 5829.5  | -7.63              | ≤30.00            | PASS    |
|          | Ant3    | 5829.5  | -7.14              | ≤30.00            | PASS    |
|          | total   | 5829.5  | -4.37              | ≤30.00            | PASS    |

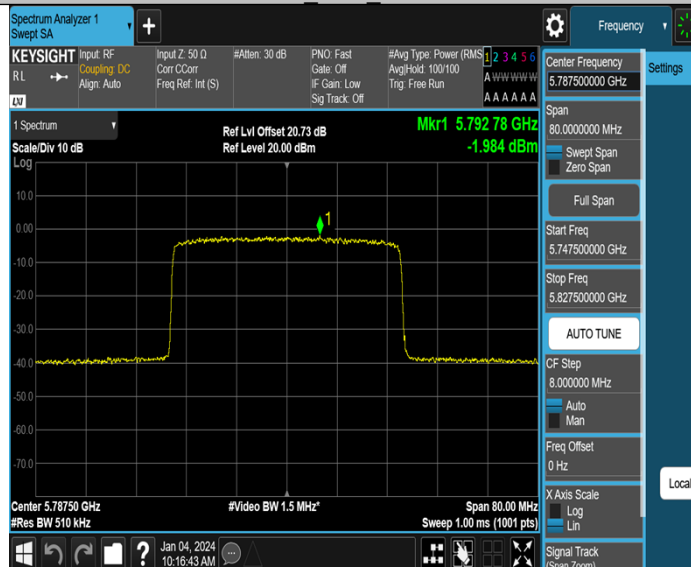
40M\_Ant2\_5745.5



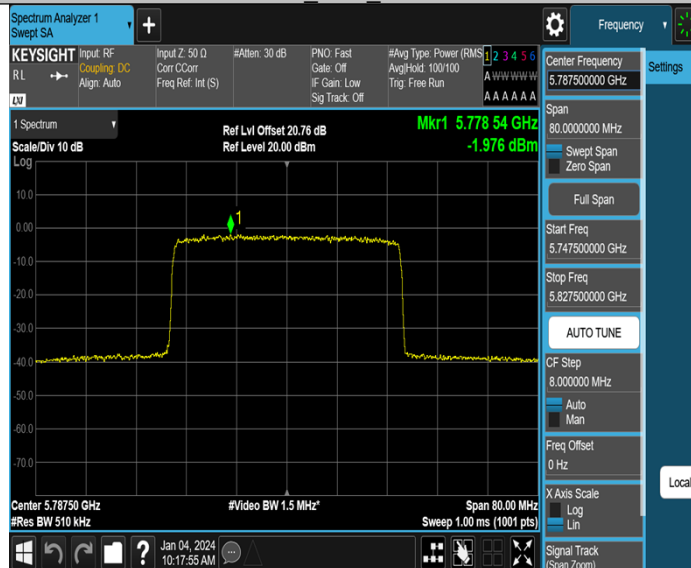
40M\_Ant3\_5745.5



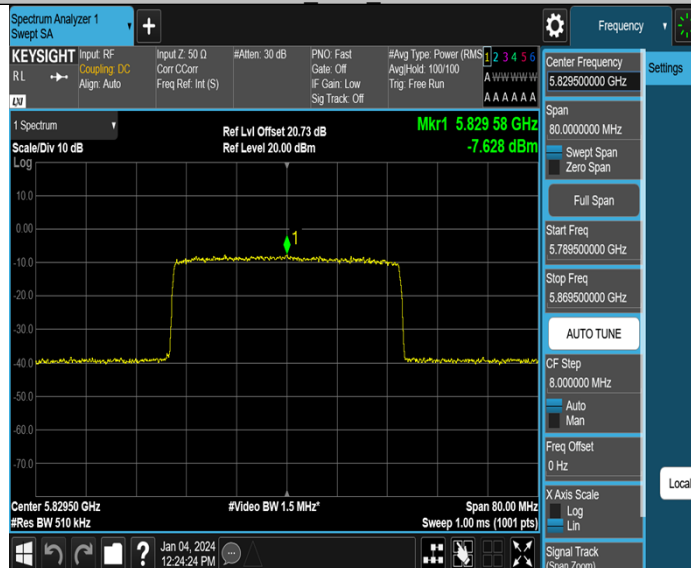
40M\_Ant2\_5787.5



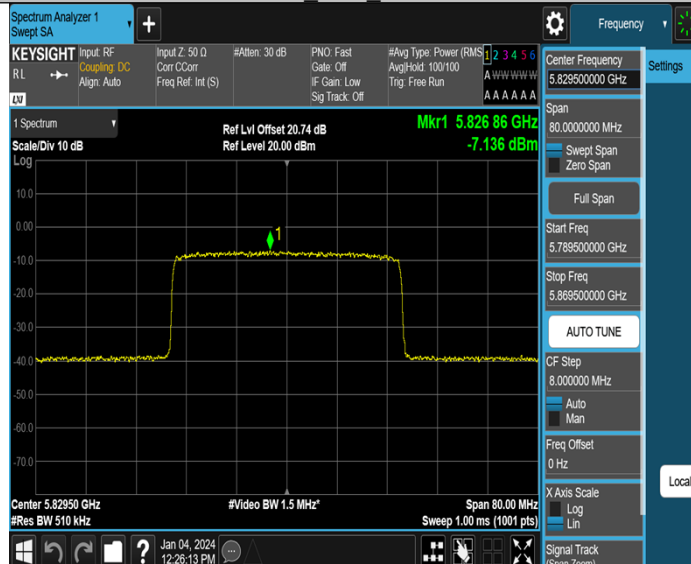
40M\_Ant3\_5787.5



40M\_Ant2\_5829.5



40M\_Ant3\_5829.5



## Appendix A.2: Test Results of Frequency Stability

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT2+3) was presented in this report.

| Voltage  |         |         |               |                |                 |             |         |
|----------|---------|---------|---------------|----------------|-----------------|-------------|---------|
| TestMode | Antenna | Channel | Voltage [Vdc] | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| 1.4M     | Ant2    | 5728.5  | na            | -7000.00       | -1.221960       | 20          | PASS    |
|          |         | 5788.5  | na            | -7000.00       | -1.209294       | 20          | PASS    |
|          |         | 5846.5  | na            | -7000.00       | -1.197298       | 20          | PASS    |
| 1.4MCA   | Ant2    | 5730.12 | na            | -7000.00       | -1.221615       | 20          | PASS    |
|          |         | 5790.12 | na            | -7000.00       | -1.208956       | 20          | PASS    |
|          |         | 5848.12 | na            | -7000.00       | -1.196966       | 20          | PASS    |
| 3M       | Ant2    | 5727.5  | na            | -7000.00       | -1.222174       | 20          | PASS    |
|          |         | 5787.5  | na            | -7000.00       | -1.209503       | 20          | PASS    |
|          |         | 5844.5  | na            | -7000.00       | -1.197707       | 20          | PASS    |
| 3MCA     | Ant2    | 5730.2  | na            | -7000.00       | -1.221598       | 20          | PASS    |
|          |         | 5790.2  | na            | -7000.00       | -1.208939       | 20          | PASS    |
|          |         | 5847.2  | na            | -7000.00       | -1.197154       | 20          | PASS    |
| 10       | Ant2    | 5730.5  | na            | -7000.00       | -1.221534       | 20          | PASS    |
|          |         | 5787.5  | na            | -7000.00       | -1.209503       | 20          | PASS    |
|          |         | 5844.5  | na            | -7000.00       | -1.197707       | 20          | PASS    |
| 20M      | Ant2    | 5735.5  | na            | -7000.00       | -1.220469       | 20          | PASS    |
|          |         | 5787.5  | na            | -7000.00       | -1.209503       | 20          | PASS    |
|          |         | 5839.5  | na            | -7000.00       | -1.198733       | 20          | PASS    |
| 40M      | Ant2    | 5745.5  | na            | -7000.00       | -1.218345       | 20          | PASS    |
|          |         | 5787.5  | na            | -7000.00       | -1.209503       | 20          | PASS    |
|          |         | 5829.5  | na            | -7000.00       | -1.200789       | 20          | PASS    |

### Appendix A.3: Test Results of 6dB Bandwidth

Note: This testing was carried out on SISO mode and MIMO mode, but only the worst case (MIMO mode ANT2+3) was presented in this report.

#### 5.8G SDR, 1.4MHz BW

| TestMode | Antenna | Channel | DTS BW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|---------|-------------|----------|----------|------------|---------|
| 1.4M     | Ant2    | 5728.5  | 1.098       | 5727.943 | 5729.040 | 0.5        | PASS    |
|          |         | 5788.5  | 1.095       | 5787.946 | 5789.040 | 0.5        | PASS    |
|          |         | 5846.5  | 1.095       | 5845.946 | 5847.040 | 0.5        | PASS    |





### 5.8G SDR, 1.4MHz BW CA mode

| TestMode | Antenna | Channel | DTS BW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|---------|-------------|----------|----------|------------|---------|
| 1.4MCA   | Ant2    | 5730.12 | 1.106       | 5729.560 | 5730.666 | 0.5        | PASS    |
|          |         | 5790.12 | 1.095       | 5789.566 | 5790.660 | 0.5        | PASS    |
|          |         | 5848.12 | 1.098       | 5847.563 | 5848.660 | 0.5        | PASS    |

