

## **Appendix for Bluetooth BR/EDR mode**

Product Name: BLUETOOTH SPEAKER

Model No: GTL-15PK

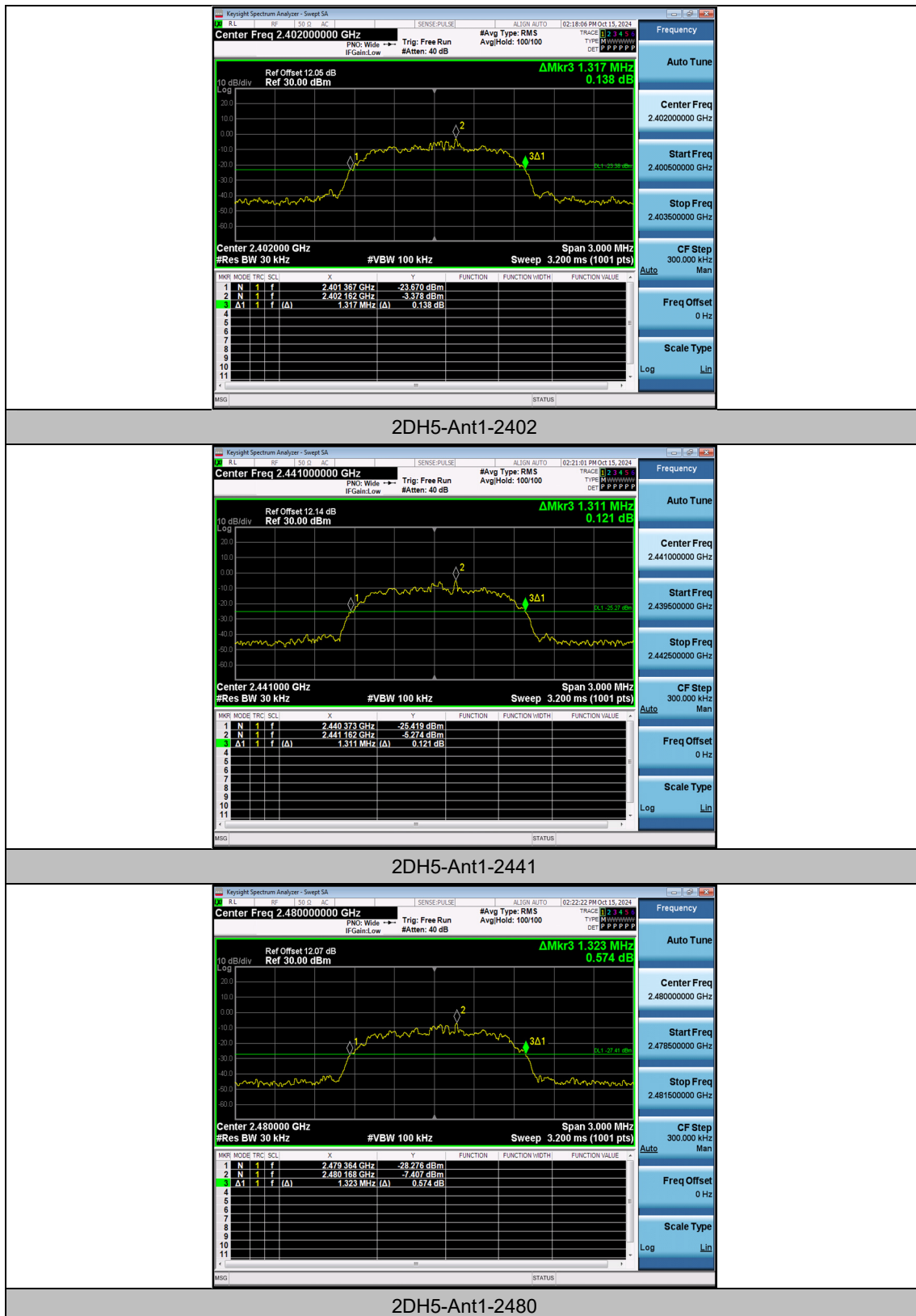
## Appendix A: 20dB Emission Bandwidth

### Test Result

| TestMode | Antenna | Frequency[MHz] | 20db<br>EBW[MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|----------|---------|----------------|------------------|----------|----------|------------|---------|
| DH5      | Ant1    | 2402           | 0.939            | 2401.568 | 2402.507 | ---        | ---     |
| DH5      | Ant1    | 2441           | 0.951            | 2440.565 | 2441.516 | ---        | ---     |
| DH5      | Ant1    | 2480           | 0.963            | 2479.559 | 2480.522 | ---        | ---     |
| 2DH5     | Ant1    | 2402           | 1.317            | 2401.367 | 2402.684 | ---        | ---     |
| 2DH5     | Ant1    | 2441           | 1.311            | 2440.373 | 2441.684 | ---        | ---     |
| 2DH5     | Ant1    | 2480           | 1.323            | 2479.364 | 2480.687 | ---        | ---     |
| 3DH5     | Ant1    | 2402           | 1.290            | 2401.385 | 2402.675 | ---        | ---     |
| 3DH5     | Ant1    | 2441           | 1.329            | 2440.364 | 2441.693 | ---        | ---     |
| 3DH5     | Ant1    | 2480           | 1.308            | 2479.379 | 2480.687 | ---        | ---     |

Test Graphs



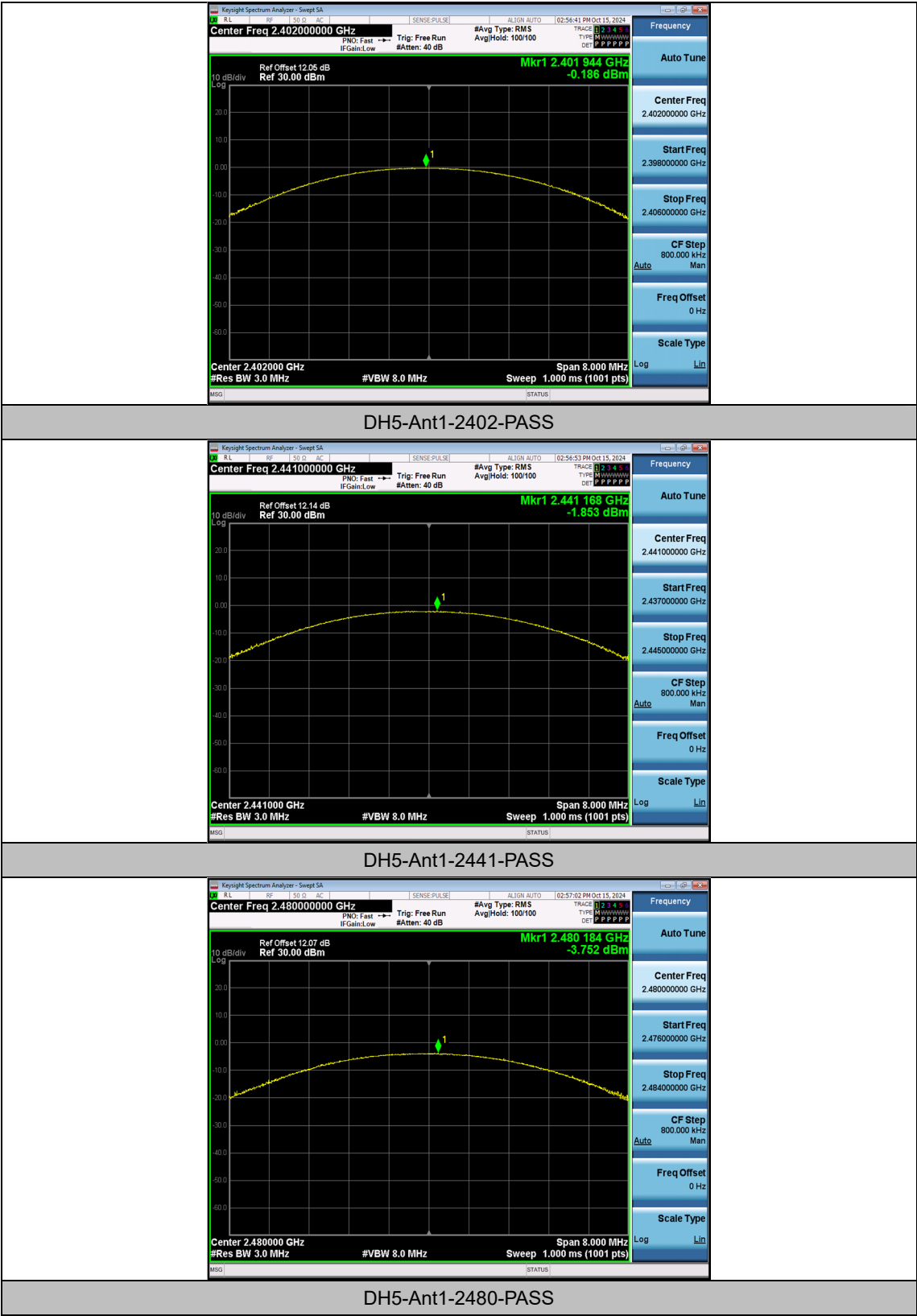


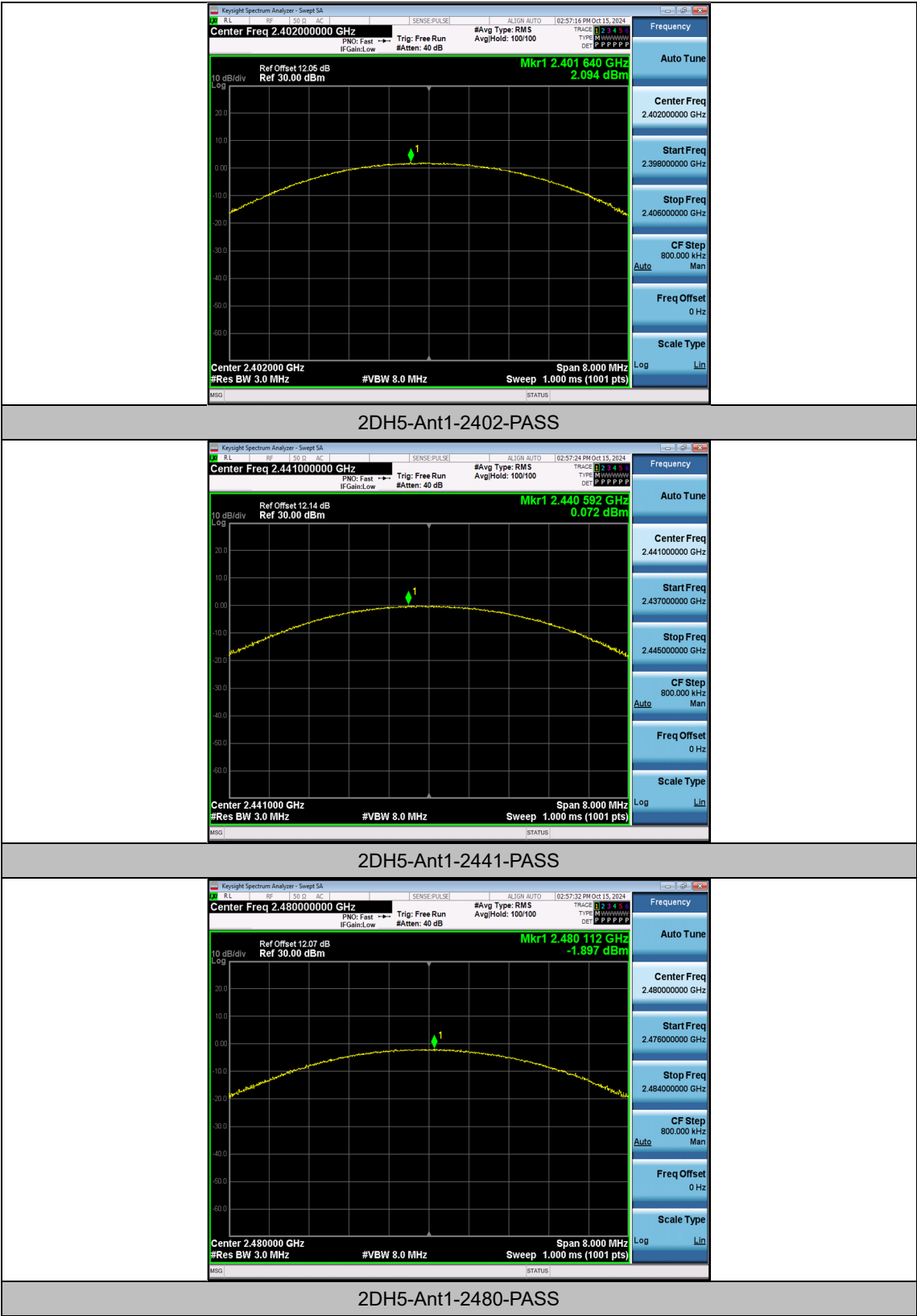


**Appendix B: Maximum conducted output power****Test Result Peak**

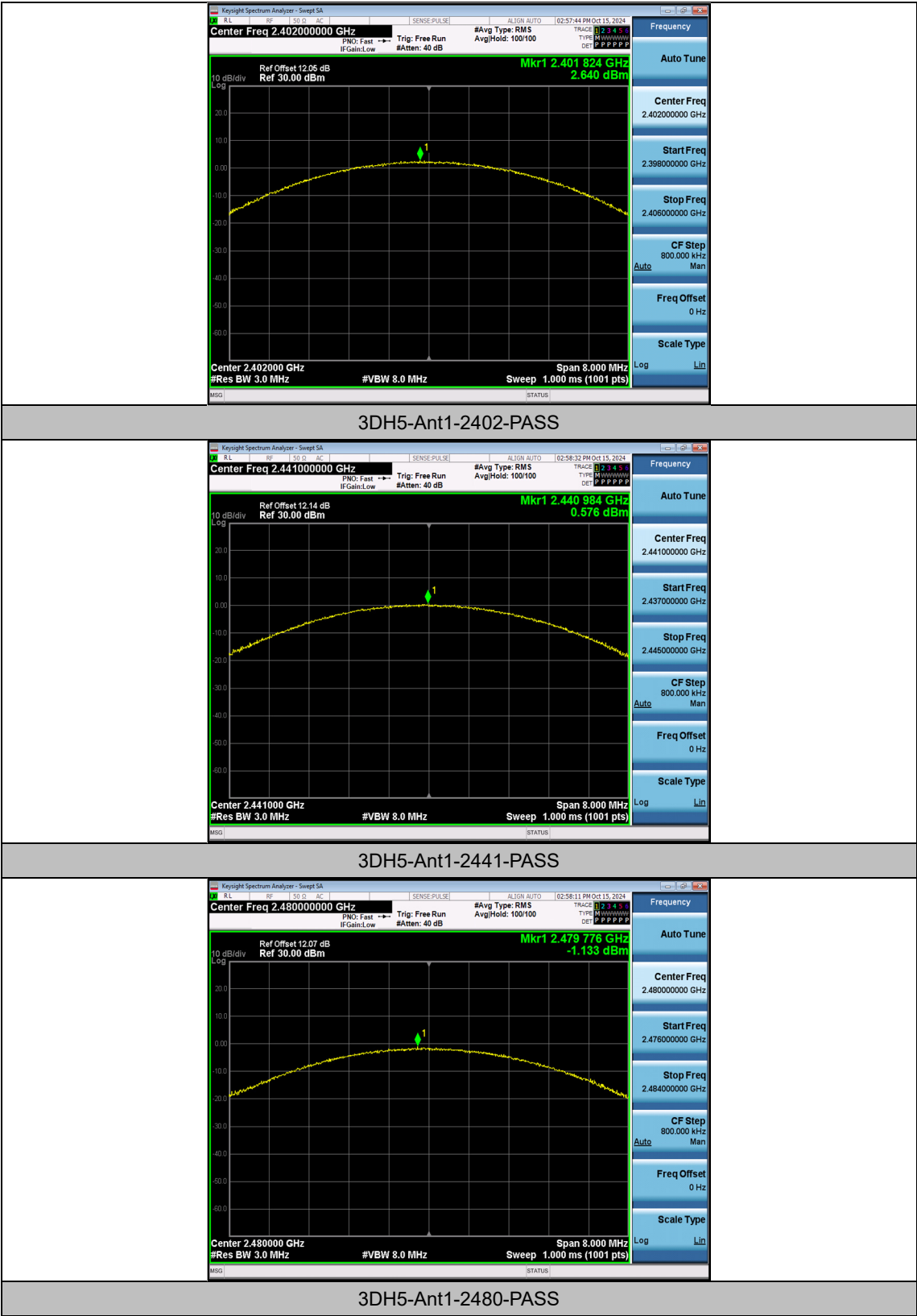
| Test Mode | Antenna | Frequency[MHz] | Conducted Peak Power[dBm] | Conducted Limit[dBm] | Verdict |
|-----------|---------|----------------|---------------------------|----------------------|---------|
| DH5       | Ant1    | 2402           | -0.19                     | ≤20.97               | PASS    |
| DH5       | Ant1    | 2441           | -1.85                     | ≤20.97               | PASS    |
| DH5       | Ant1    | 2480           | -3.75                     | ≤20.97               | PASS    |
| 2DH5      | Ant1    | 2402           | 2.09                      | ≤20.97               | PASS    |
| 2DH5      | Ant1    | 2441           | 0.07                      | ≤20.97               | PASS    |
| 2DH5      | Ant1    | 2480           | -1.90                     | ≤20.97               | PASS    |
| 3DH5      | Ant1    | 2402           | 2.64                      | ≤20.97               | PASS    |
| 3DH5      | Ant1    | 2441           | 0.58                      | ≤20.97               | PASS    |
| 3DH5      | Ant1    | 2480           | -1.13                     | ≤20.97               | PASS    |

Test Graphs







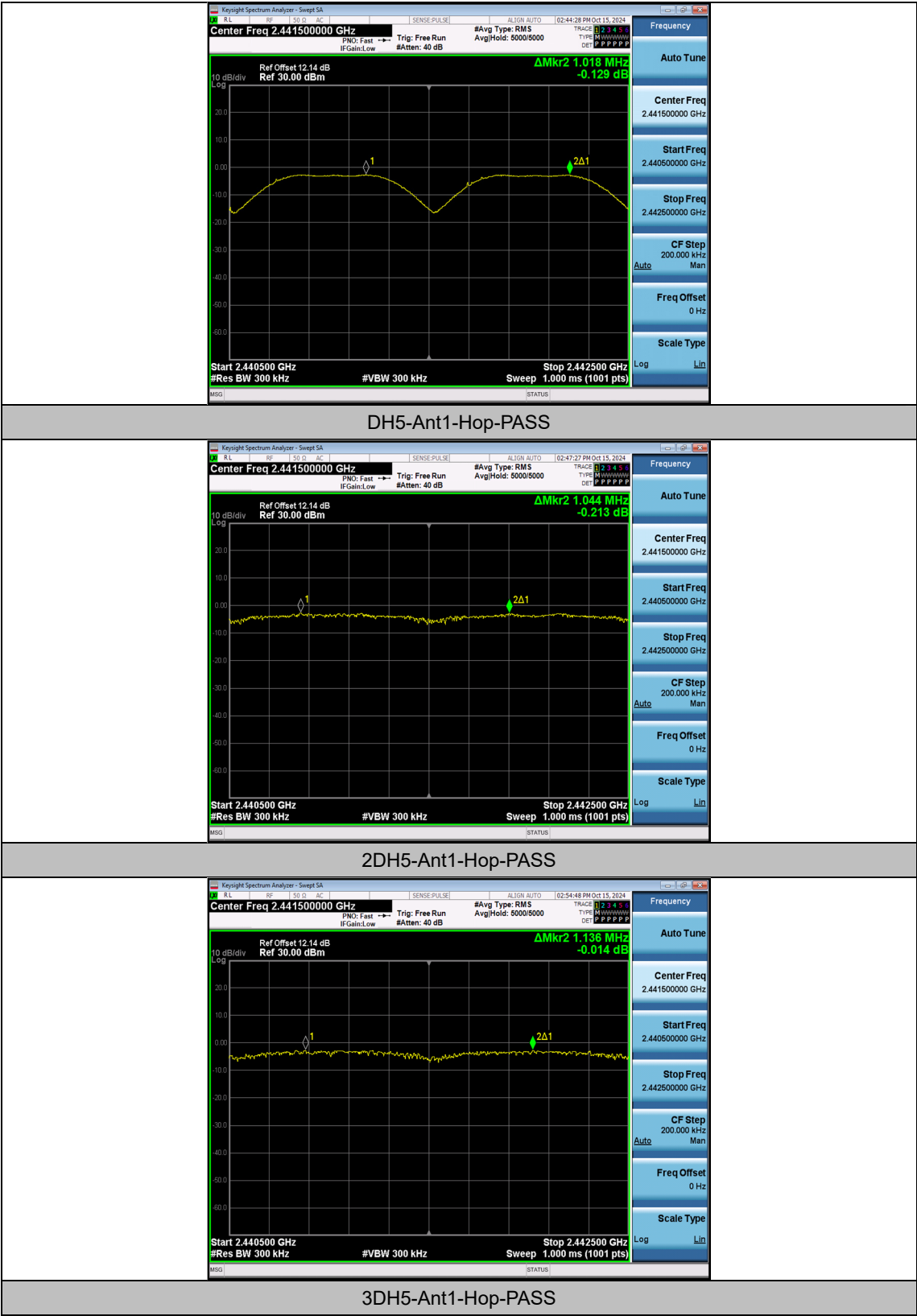


## Appendix C: Carrier frequency separation

### Test Result

| TestMode | Antenna | Frequency[MHz] | Result[MHz] | Limit[MHz]   | Verdict |
|----------|---------|----------------|-------------|--------------|---------|
| DH5      | Ant1    | Hop            | 1.018       | $\geq 0.963$ | PASS    |
| 2DH5     | Ant1    | Hop            | 1.044       | $\geq 0.882$ | PASS    |
| 3DH5     | Ant1    | Hop            | 1.136       | $\geq 0.886$ | PASS    |

Test Graphs



## Appendix D: Time of occupancy

### Test Result

| TestMode | Antenna | Frequency[MHz] | BurstWidth<br>[ms] | TotalHops<br>[Num] | Result[s] | Limit[s] | Verdict |
|----------|---------|----------------|--------------------|--------------------|-----------|----------|---------|
| DH5      | Ant1    | Hop            | 2.899              | 70                 | 0.203     | ≤0.4     | PASS    |
| 2DH5     | Ant1    | Hop            | 2.904              | 70                 | 0.203     | ≤0.4     | PASS    |
| 3DH5     | Ant1    | Hop            | 2.907              | 120                | 0.349     | ≤0.4     | PASS    |