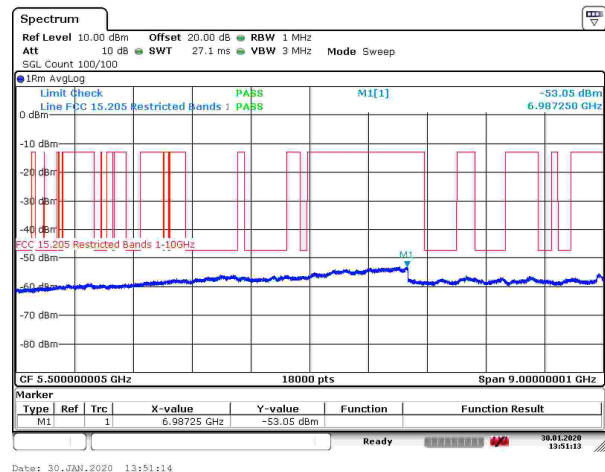
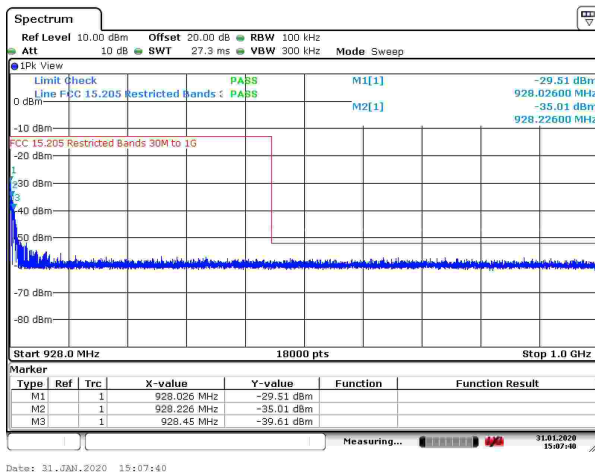
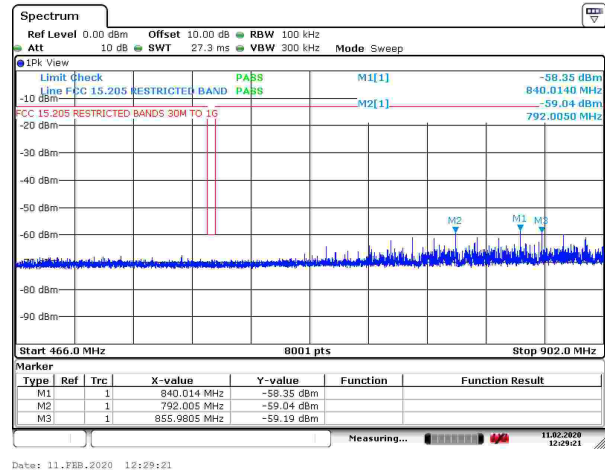
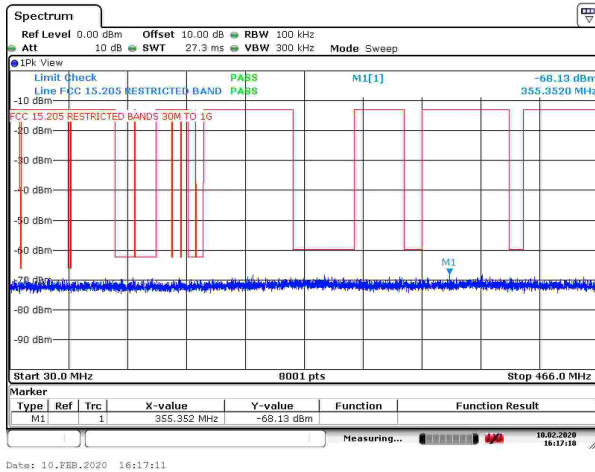
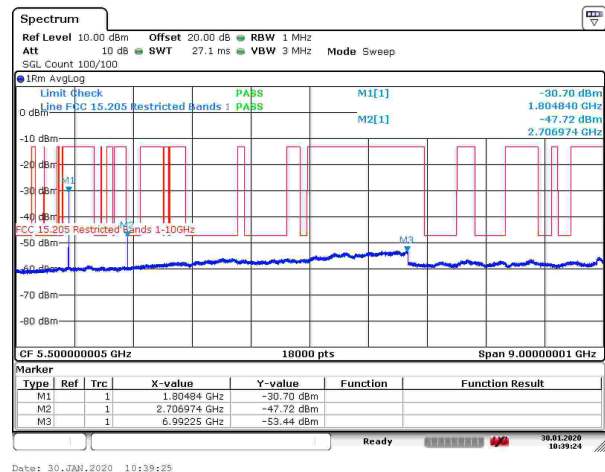
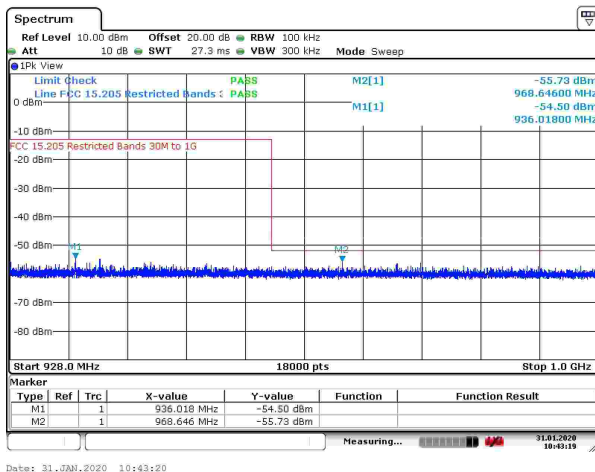
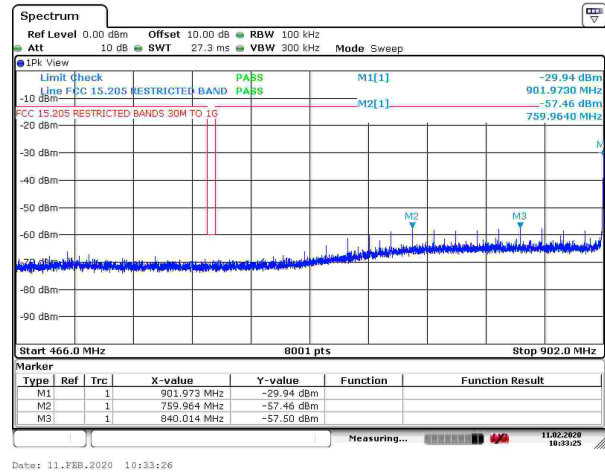
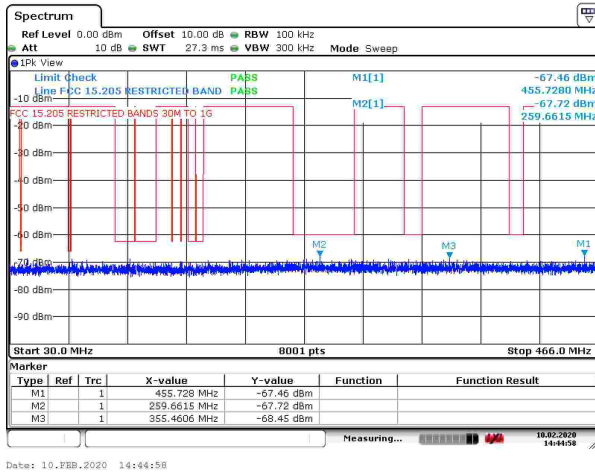


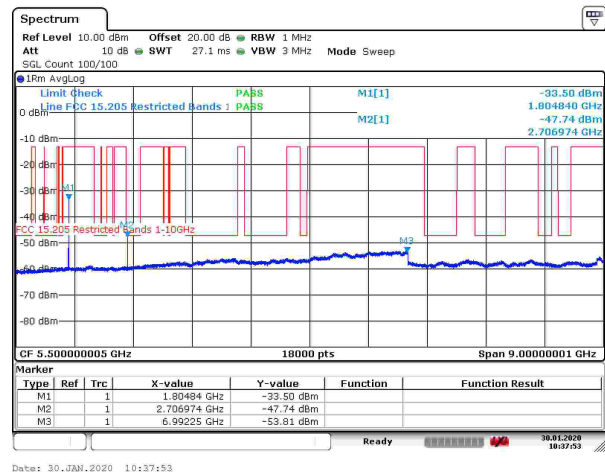
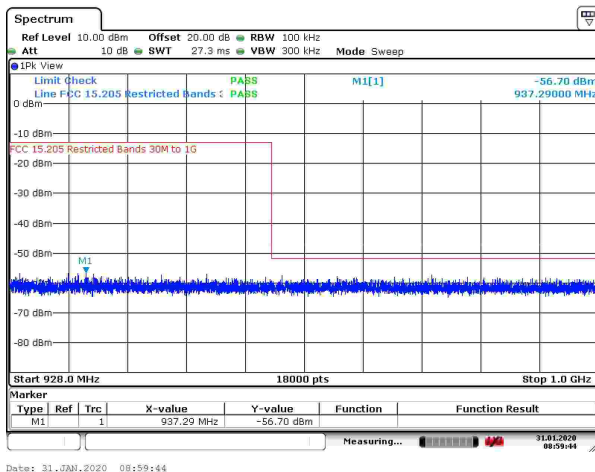
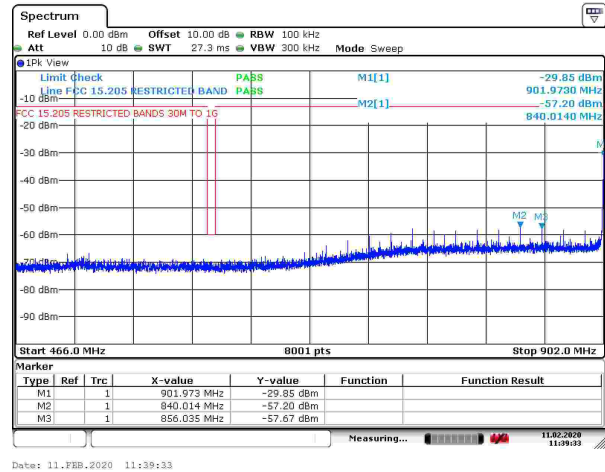
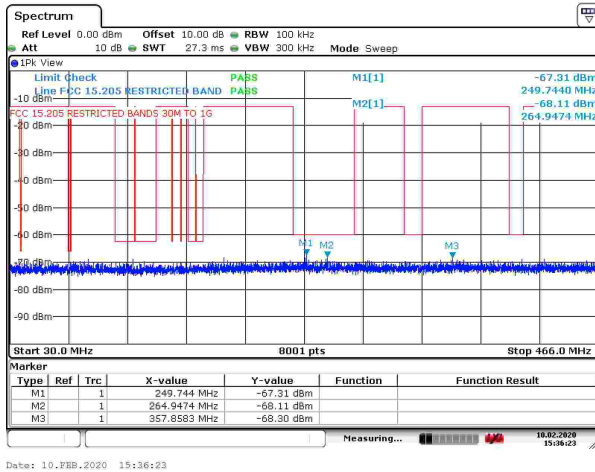
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|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------|--|--|
|                                                                                                                                                      |                                                | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |             | <b>Restricted Band Spurious</b>                                               |  |  |
| DNB Job Number:                                                                                                                                      | 06022                                          | Date:                                                                                  | 31 Jan 2020 | <b>Conformance Standard</b><br><br>FCC Part 15<br><br><b>Clause 15.247(d)</b> |  |  |
| Customer:                                                                                                                                            | Transcore                                      |                                                                                        |             |                                                                               |  |  |
| Model Number:                                                                                                                                        | MPRXFH                                         |                                                                                        |             |                                                                               |  |  |
| Description:                                                                                                                                         | Multiprotocol Reader Extreme- Frequency Hopper |                                                                                        |             |                                                                               |  |  |
| Ambient Temperature                                                                                                                                  |                                                | Relative Humidity                                                                      |             | Barometric Pressure                                                           |  |  |
| 23 °C                                                                                                                                                |                                                | 30 %                                                                                   |             | 101.80 kPa                                                                    |  |  |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>CL Payne</i> |                                                |                                                                                        |             |                                                                               |  |  |
| Port                                                                                                                                                 | Channel                                        | Modulation                                                                             | Pass/Fail   |                                                                               |  |  |
| 3                                                                                                                                                    | High                                           | IAG                                                                                    | Pass        |                                                                               |  |  |



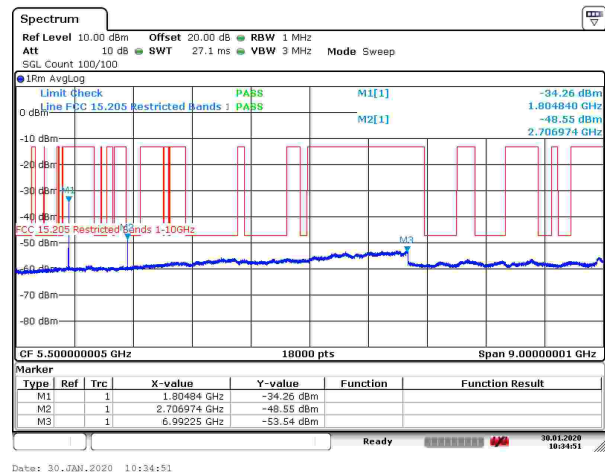
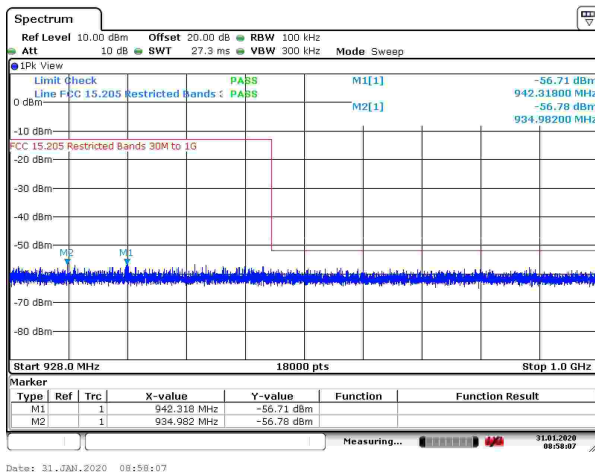
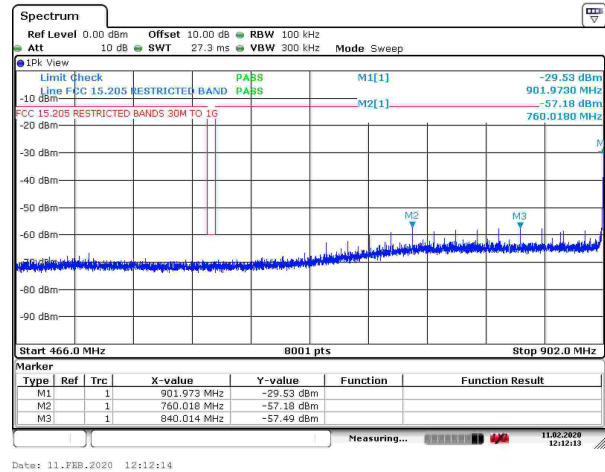
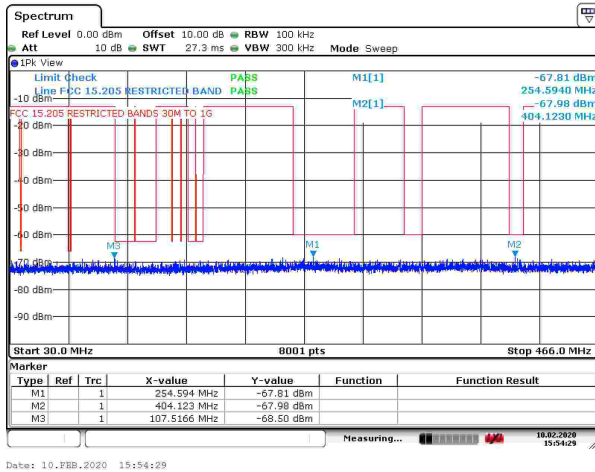
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|-------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------------|-------------|
| 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436          |                                                | <b>Restricted Band Spurious</b>         |             |
| DNB Job Number:                                                                                 | 06022                                          | Date:                                   | 31 Jan 2020 |
| Customer:                                                                                       | Transcore                                      | Conformance Standard<br><br>FCC Part 15 |             |
| Model Number:                                                                                   | MPRXFH                                         |                                         |             |
| Description:                                                                                    | Multiprotocol Reader Extreme- Frequency Hopper | Clause<br>15.247(d)                     |             |
|                                                                                                 |                                                |                                         |             |
| Ambient Temperature                                                                             |                                                | Relative Humidity                       |             |
| 23 °C                                                                                           |                                                | 30 %                                    |             |
|                                                                                                 |                                                | Barometric Pressure                     |             |
|                                                                                                 |                                                | 101.80 kPa                              |             |
| EUT performed within the requirements of the applicable standard [X] Yes [ ] No <i>CL Payne</i> |                                                |                                         |             |
| Port                                                                                            | Channel                                        | Modulation                              | Pass/Fail   |
| 0                                                                                               | Low                                            | SeGo                                    | Pass        |



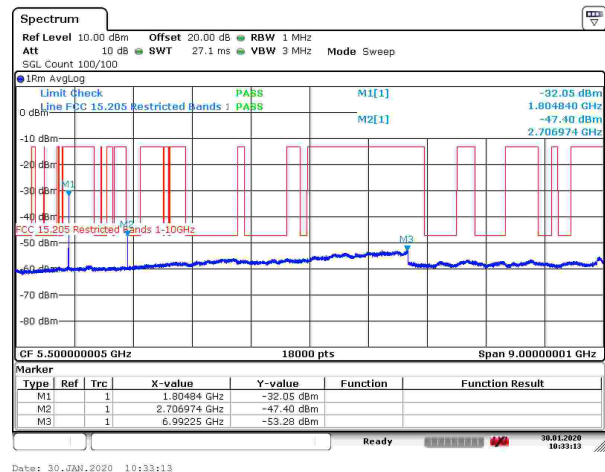
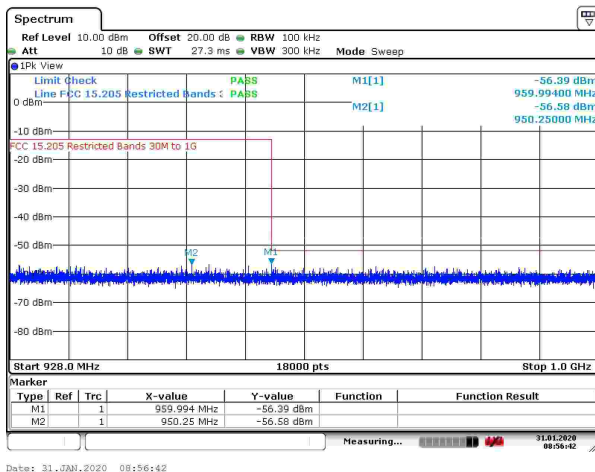
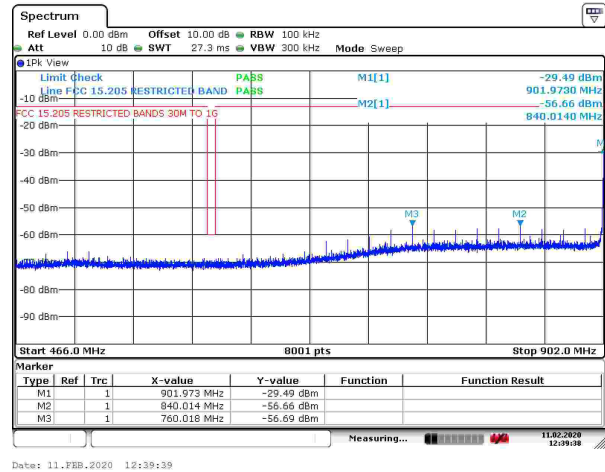
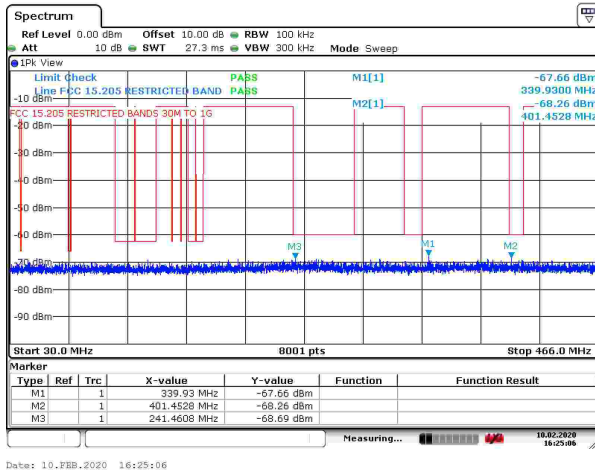
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|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------------|-------------|
| 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436                                                               |                                                | <b>Restricted Band Spurious</b>         |             |
| DNB Job Number:                                                                                                                                      | 06022                                          | Date:                                   | 31 Jan 2020 |
| Customer:                                                                                                                                            | Transcore                                      | Conformance Standard<br><br>FCC Part 15 |             |
| Model Number:                                                                                                                                        | MPRXFH                                         |                                         |             |
| Description:                                                                                                                                         | Multiprotocol Reader Extreme- Frequency Hopper | Clause<br>15.247(d)                     |             |
|                                                                                                                                                      |                                                |                                         |             |
| Ambient Temperature                                                                                                                                  |                                                | Relative Humidity                       |             |
| 23 °C                                                                                                                                                |                                                | 30 %                                    |             |
|                                                                                                                                                      |                                                | Barometric Pressure                     |             |
|                                                                                                                                                      |                                                | 101.80 kPa                              |             |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>CL Payne</i> |                                                |                                         |             |
| Port                                                                                                                                                 | Channel                                        | Modulation                              | Pass/Fail   |
| 1                                                                                                                                                    | Low                                            | SeGo                                    | Pass        |



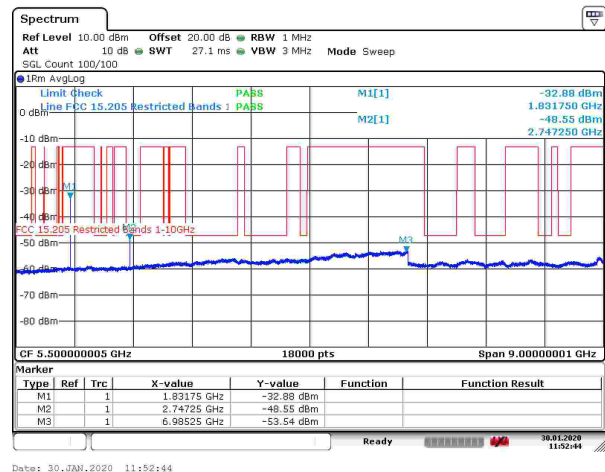
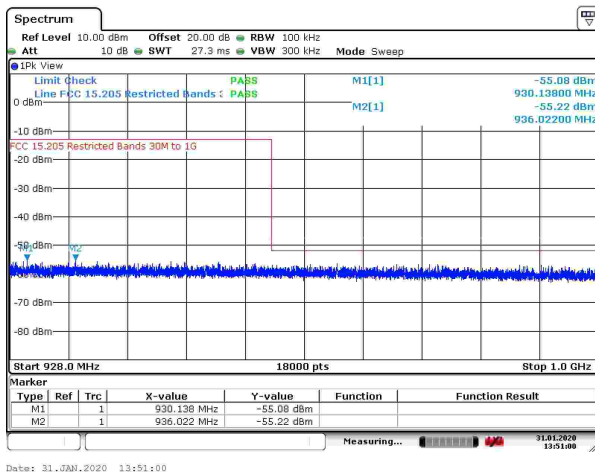
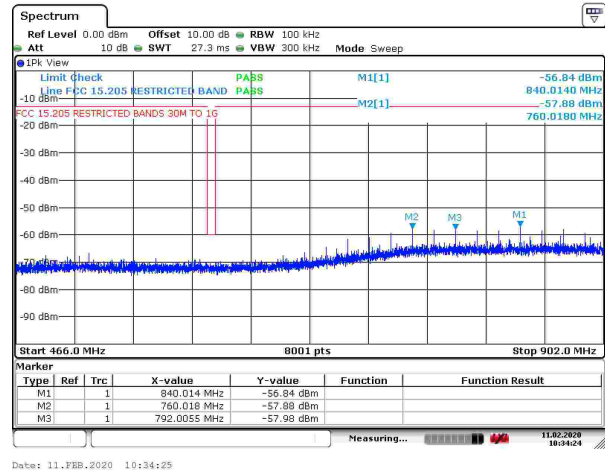
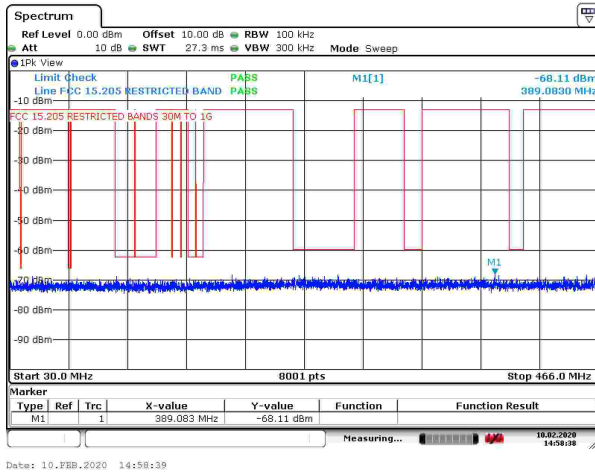
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|-------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------|--|--------------------------------------------|--|
|                                                                                                 |  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |  | <b>Restricted Band Spurious</b>            |  |
| DNB Job Number:                                                                                 |  | 06022                                                                                  |  | Date: 31 Jan 2020                          |  |
| Customer:                                                                                       |  | Transcore                                                                              |  | Conformance<br>Standard<br><br>FCC Part 15 |  |
| Model Number:                                                                                   |  | MPRXFH                                                                                 |  |                                            |  |
| Description:                                                                                    |  | Multiprotocol Reader Extreme- Frequency Hopper                                         |  | Clause<br>15.247(d)                        |  |
|                                                                                                 |  |                                                                                        |  |                                            |  |
| Ambient Temperature                                                                             |  | Relative Humidity                                                                      |  | Barometric Pressure                        |  |
| 23 °C                                                                                           |  | 30 %                                                                                   |  | 101.80 kPa                                 |  |
| EUT performed within the requirements of the applicable standard [X] Yes [ ] No <i>CL Payne</i> |  |                                                                                        |  |                                            |  |
| Port                                                                                            |  | Channel                                                                                |  | Modulation                                 |  |
| 2                                                                                               |  | Low                                                                                    |  | SeGo                                       |  |
|                                                                                                 |  |                                                                                        |  | Pass/Fail                                  |  |
|                                                                                                 |  |                                                                                        |  | Pass                                       |  |



|                                                                                                 |                                                |                                         |             |
|-------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------------|-------------|
| 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436          |                                                | <b>Restricted Band Spurious</b>         |             |
| DNB Job Number:                                                                                 | 06022                                          | Date:                                   | 31 Jan 2020 |
| Customer:                                                                                       | Transcore                                      | Conformance Standard<br><br>FCC Part 15 |             |
| Model Number:                                                                                   | MPRXFH                                         |                                         |             |
| Description:                                                                                    | Multiprotocol Reader Extreme- Frequency Hopper | Clause<br>15.247(d)                     |             |
|                                                                                                 |                                                |                                         |             |
| Ambient Temperature                                                                             |                                                | Relative Humidity                       |             |
| 23 °C                                                                                           |                                                | 30 %                                    |             |
|                                                                                                 |                                                | Barometric Pressure                     |             |
|                                                                                                 |                                                | 101.80 kPa                              |             |
| EUT performed within the requirements of the applicable standard [X] Yes [ ] No <i>CL Payne</i> |                                                |                                         |             |
| Port                                                                                            | Channel                                        | Modulation                              | Pass/Fail   |
| 3                                                                                               | Low                                            | SeGo                                    | Pass        |

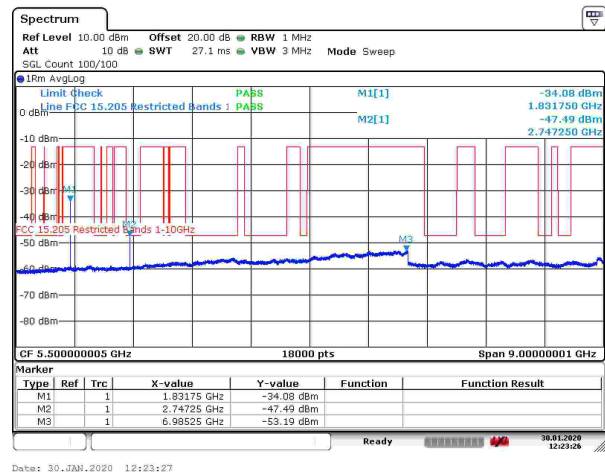
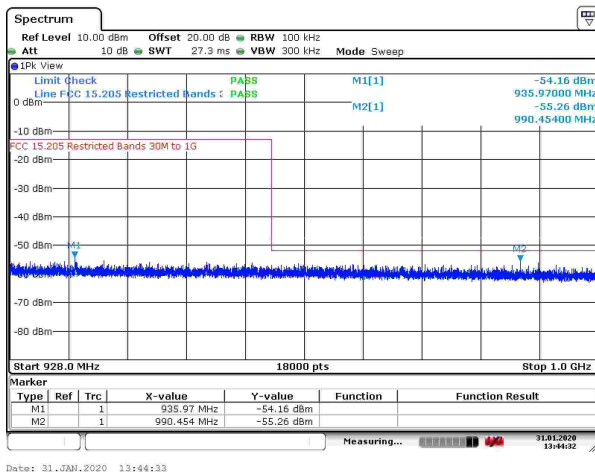
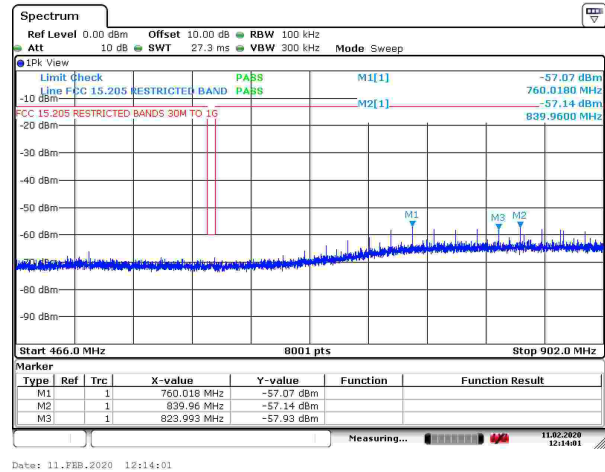
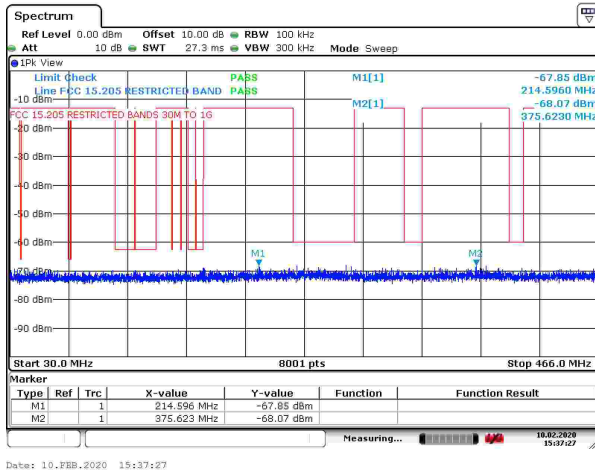


|                                                                                                 |  |                                                                                        |  |                                            |  |
|-------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------|--|--------------------------------------------|--|
|                                                                                                 |  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |  | <b>Restricted Band Spurious</b>            |  |
| DNB Job Number:                                                                                 |  | 06022                                                                                  |  | Date: 31 Jan 2020                          |  |
| Customer:                                                                                       |  | Transcore                                                                              |  | Conformance<br>Standard<br><br>FCC Part 15 |  |
| Model Number:                                                                                   |  | MPRXFH                                                                                 |  |                                            |  |
| Description:                                                                                    |  | Multiprotocol Reader Extreme- Frequency Hopper                                         |  | Clause<br>15.247(d)                        |  |
|                                                                                                 |  |                                                                                        |  |                                            |  |
| Ambient Temperature                                                                             |  | Relative Humidity                                                                      |  | Barometric Pressure                        |  |
| 23 °C                                                                                           |  | 30 %                                                                                   |  | 101.80 kPa                                 |  |
| EUT performed within the requirements of the applicable standard [X] Yes [ ] No <i>CL Payne</i> |  |                                                                                        |  |                                            |  |
| Port                                                                                            |  | Channel                                                                                |  | Modulation                                 |  |
| 0                                                                                               |  | Middle                                                                                 |  | SeGo                                       |  |
|                                                                                                 |  |                                                                                        |  | Pass/Fail                                  |  |
|                                                                                                 |  |                                                                                        |  | Pass                                       |  |

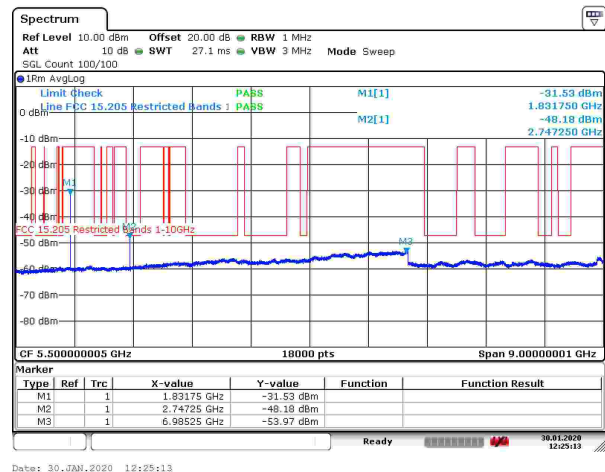
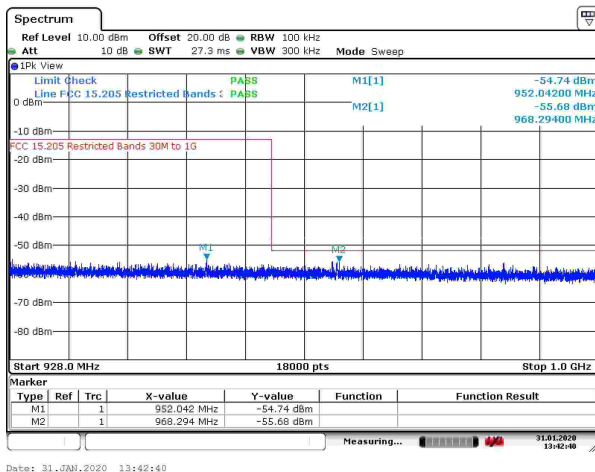
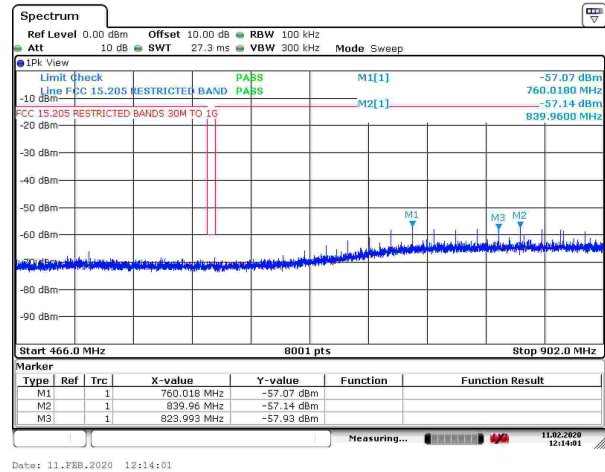
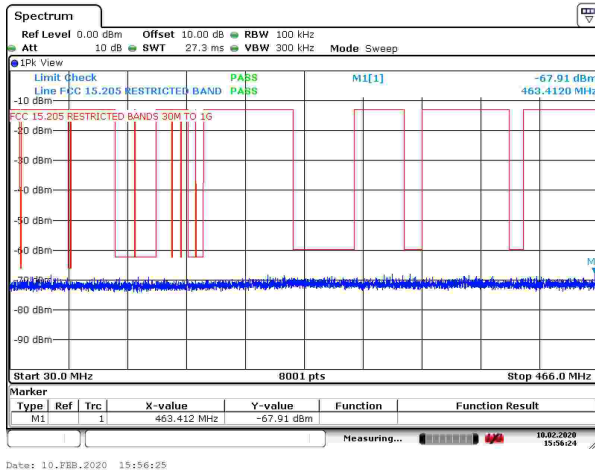




|                                                                                                 |  |                                                                                        |  |                                            |  |
|-------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------|--|--------------------------------------------|--|
|                                                                                                 |  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |  | <b>Restricted Band Spurious</b>            |  |
| DNB Job Number:                                                                                 |  | 06022                                                                                  |  | Date: 31 Jan 2020                          |  |
| Customer:                                                                                       |  | Transcore                                                                              |  | Conformance<br>Standard<br><br>FCC Part 15 |  |
| Model Number:                                                                                   |  | MPRXFH                                                                                 |  |                                            |  |
| Description:                                                                                    |  | Multiprotocol Reader Extreme- Frequency Hopper                                         |  | Clause<br>15.247(d)                        |  |
|                                                                                                 |  |                                                                                        |  |                                            |  |
| Ambient Temperature                                                                             |  | Relative Humidity                                                                      |  | Barometric Pressure                        |  |
| 23 °C                                                                                           |  | 30 %                                                                                   |  | 101.80 kPa                                 |  |
| EUT performed within the requirements of the applicable standard [X] Yes [ ] No <i>CL Payne</i> |  |                                                                                        |  |                                            |  |
| Port                                                                                            |  | Channel                                                                                |  | Modulation                                 |  |
| 1                                                                                               |  | Middle                                                                                 |  | SeGo                                       |  |
|                                                                                                 |  |                                                                                        |  | Pass/Fail                                  |  |
|                                                                                                 |  |                                                                                        |  | Pass                                       |  |

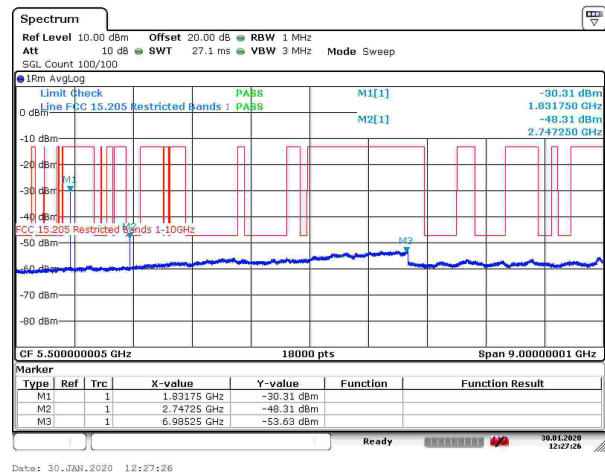
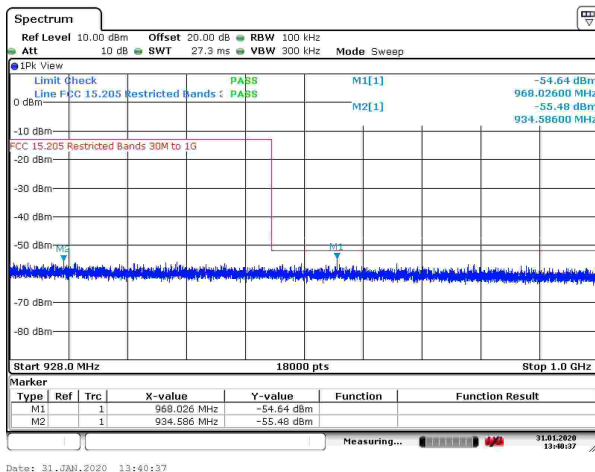
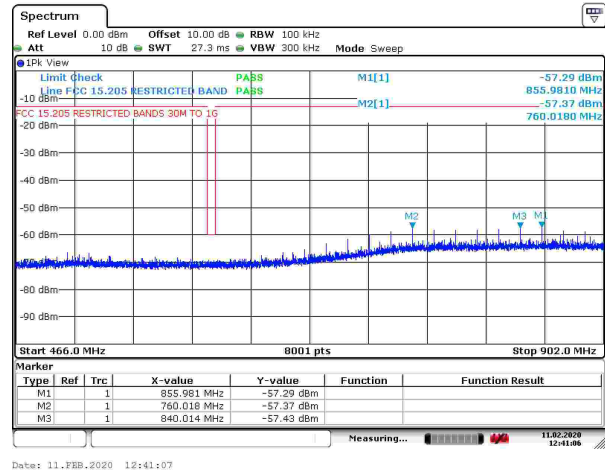
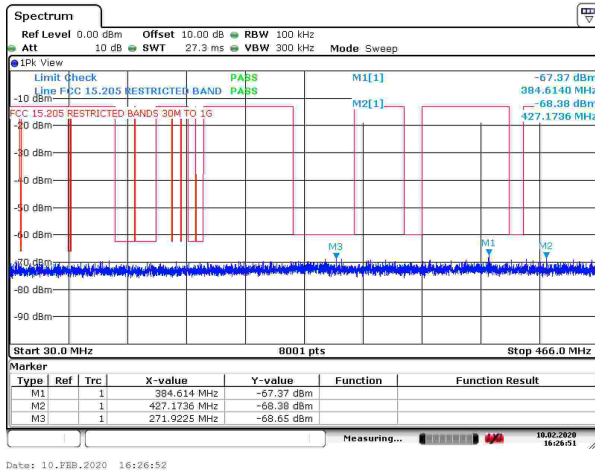


|                                                                                                 |  |                                                                                        |  |                                 |  |
|-------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------|--|---------------------------------|--|
|                                                                                                 |  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |  | <b>Restricted Band Spurious</b> |  |
| DNB Job Number:                                                                                 |  | 06022                                                                                  |  | Date: 31 Jan 2020               |  |
| Customer:                                                                                       |  | Transcore                                                                              |  |                                 |  |
| Model Number:                                                                                   |  | MPRXFH                                                                                 |  |                                 |  |
| Description:                                                                                    |  | Multiprotocol Reader Extreme- Frequency Hopper                                         |  |                                 |  |
|                                                                                                 |  | FCC Part 15                                                                            |  |                                 |  |
|                                                                                                 |  | Clause 15.247(d)                                                                       |  |                                 |  |
| Ambient Temperature                                                                             |  | Relative Humidity                                                                      |  | Barometric Pressure             |  |
| 23 °C                                                                                           |  | 30 %                                                                                   |  | 101.80 kPa                      |  |
| EUT performed within the requirements of the applicable standard [X] Yes [ ] No <i>CL Payne</i> |  |                                                                                        |  |                                 |  |
| Port                                                                                            |  | Channel                                                                                |  | Modulation                      |  |
| 2                                                                                               |  | Middle                                                                                 |  | SeGo                            |  |
|                                                                                                 |  |                                                                                        |  | Pass/Fail                       |  |
|                                                                                                 |  |                                                                                        |  | Pass                            |  |

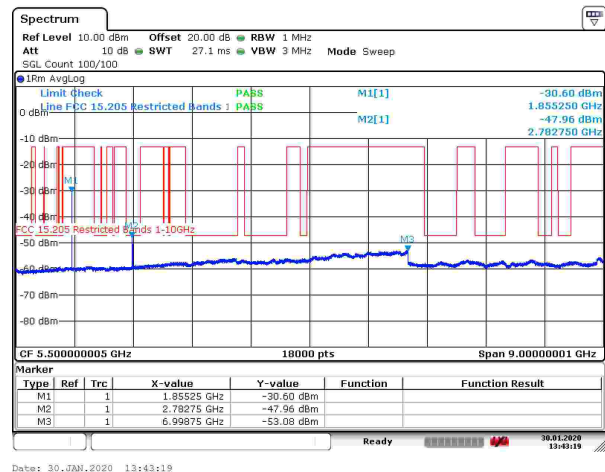
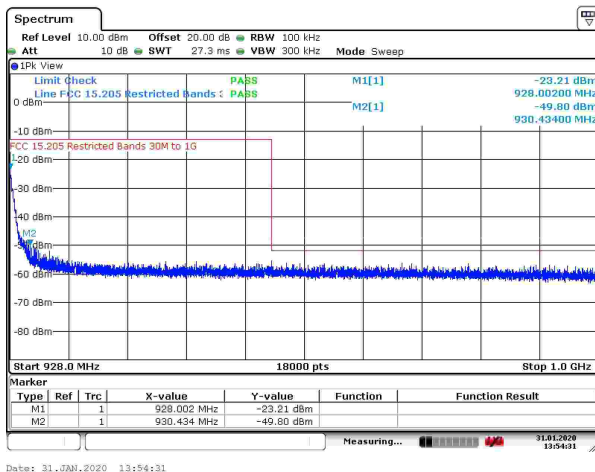
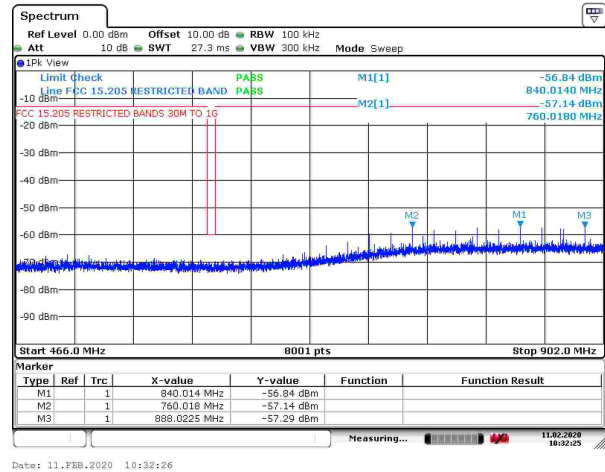
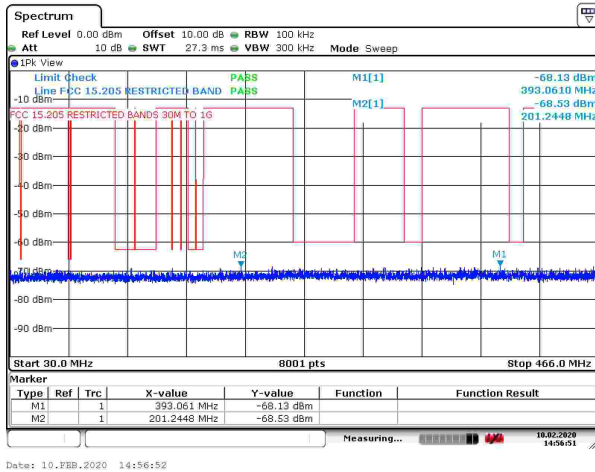




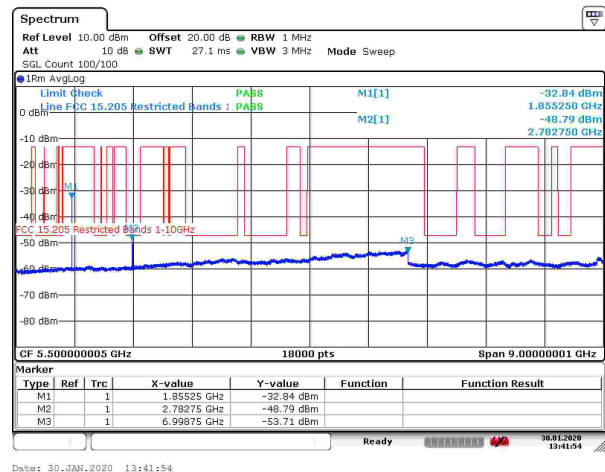
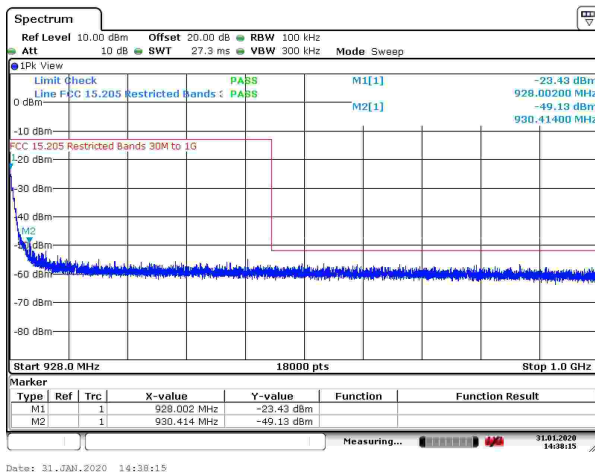
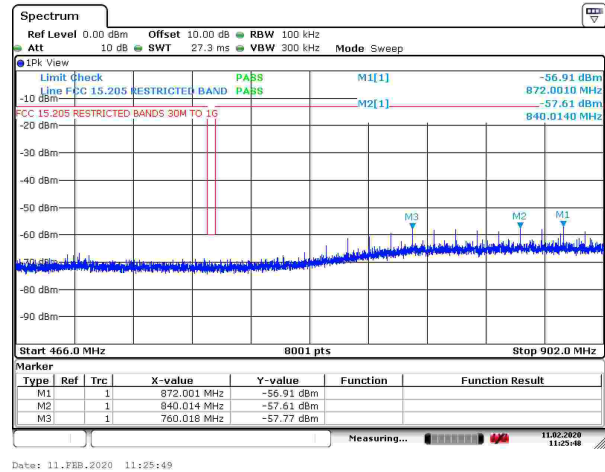
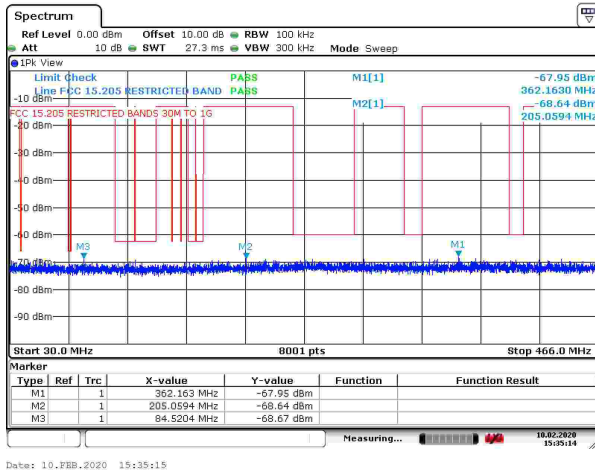
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|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------|--|--|
|                                                                                                                                                      |                                                | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |             | <b>Restricted Band Spurious</b>                                               |  |  |
| DNB Job Number:                                                                                                                                      | 06022                                          | Date:                                                                                  | 31 Jan 2020 | <b>Conformance Standard</b><br><br>FCC Part 15<br><br><b>Clause 15.247(d)</b> |  |  |
| Customer:                                                                                                                                            | Transcore                                      |                                                                                        |             |                                                                               |  |  |
| Model Number:                                                                                                                                        | MPRXFH                                         |                                                                                        |             |                                                                               |  |  |
| Description:                                                                                                                                         | Multiprotocol Reader Extreme- Frequency Hopper |                                                                                        |             |                                                                               |  |  |
| Ambient Temperature                                                                                                                                  |                                                | Relative Humidity                                                                      |             | Barometric Pressure                                                           |  |  |
| 23 °C                                                                                                                                                |                                                | 30 %                                                                                   |             | 101.80 kPa                                                                    |  |  |
| EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>CL Payne</i> |                                                |                                                                                        |             |                                                                               |  |  |
| Port                                                                                                                                                 | Channel                                        | Modulation                                                                             | Pass/Fail   |                                                                               |  |  |
| 3                                                                                                                                                    | Middle                                         | SeGo                                                                                   | Pass        |                                                                               |  |  |



|                                                                                                 |  |                                                                                        |  |                                 |  |
|-------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------|--|---------------------------------|--|
|                                                                                                 |  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |  | <b>Restricted Band Spurious</b> |  |
| DNB Job Number:                                                                                 |  | 06022                                                                                  |  | Date: 31 Jan 2020               |  |
| Customer:                                                                                       |  | Transcore                                                                              |  |                                 |  |
| Model Number:                                                                                   |  | MPRXFH                                                                                 |  |                                 |  |
| Description:                                                                                    |  | Multiprotocol Reader Extreme- Frequency Hopper                                         |  |                                 |  |
|                                                                                                 |  | FCC Part 15                                                                            |  |                                 |  |
|                                                                                                 |  | Clause 15.247(d)                                                                       |  |                                 |  |
| Ambient Temperature                                                                             |  | Relative Humidity                                                                      |  | Barometric Pressure             |  |
| 23 °C                                                                                           |  | 30 %                                                                                   |  | 101.80 kPa                      |  |
| EUT performed within the requirements of the applicable standard [X] Yes [ ] No <i>CL Payne</i> |  |                                                                                        |  |                                 |  |
| Port                                                                                            |  | Channel                                                                                |  | Modulation                      |  |
| 0                                                                                               |  | High                                                                                   |  | SeGo                            |  |
|                                                                                                 |  |                                                                                        |  | Pass/Fail                       |  |
|                                                                                                 |  |                                                                                        |  | Pass                            |  |



|                                                                                                 |  |                                                                                        |  |                                            |  |
|-------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------|--|--------------------------------------------|--|
|                                                                                                 |  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |  | <b>Restricted Band Spurious</b>            |  |
| DNB Job Number:                                                                                 |  | 06022                                                                                  |  | Date: 31 Jan 2020                          |  |
| Customer:                                                                                       |  | Transcore                                                                              |  | Conformance<br>Standard<br><br>FCC Part 15 |  |
| Model Number:                                                                                   |  | MPRXFH                                                                                 |  |                                            |  |
| Description:                                                                                    |  | Multiprotocol Reader Extreme- Frequency Hopper                                         |  | Clause<br>15.247(d)                        |  |
|                                                                                                 |  |                                                                                        |  |                                            |  |
| Ambient Temperature                                                                             |  | Relative Humidity                                                                      |  | Barometric Pressure                        |  |
| 23 °C                                                                                           |  | 30 %                                                                                   |  | 101.80 kPa                                 |  |
| EUT performed within the requirements of the applicable standard [X] Yes [ ] No <i>CL Payne</i> |  |                                                                                        |  |                                            |  |
| Port                                                                                            |  | Channel                                                                                |  | Modulation                                 |  |
| 1                                                                                               |  | High                                                                                   |  | SeGo                                       |  |
|                                                                                                 |  |                                                                                        |  | Pass/Fail                                  |  |
|                                                                                                 |  |                                                                                        |  | Pass                                       |  |



**Spectrum**

Ref Level 0.00 dBm Offset 10.00 dB RBW 100 kHz  
 Att 10 dB SWT 27.3 ms VBW 300 kHz Mode Sweep

**1PK View**

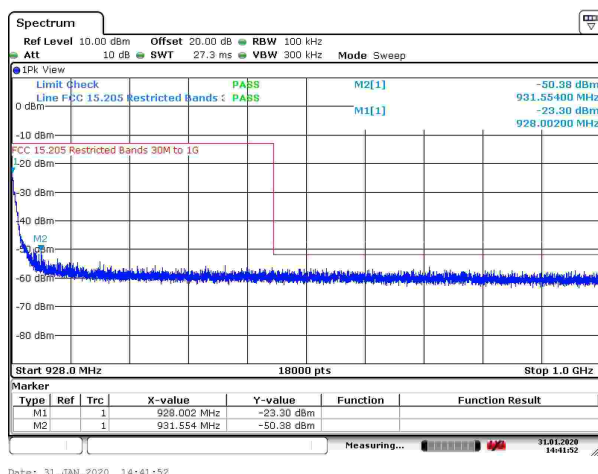
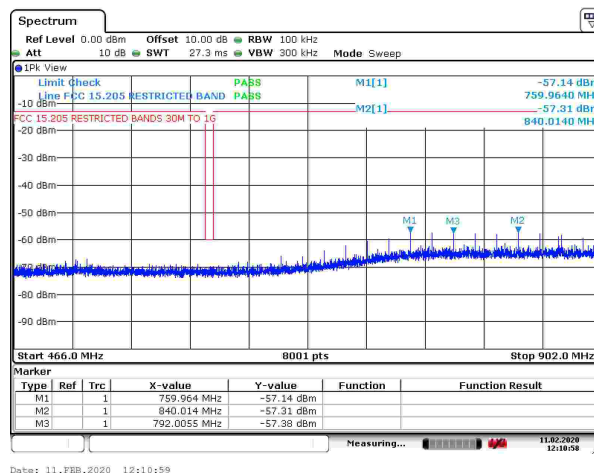
Limit check  
 Line FCC 15.205 RESTRICTED BAND PASS  
 M1[1] -67.71 dBm  
 M2[1] -67.73 dBm  
 M3[1] -67.73 dBm  
 260.0430 MHz

FCC 15.205 RESTRICTED BANDS 30M TO 1G

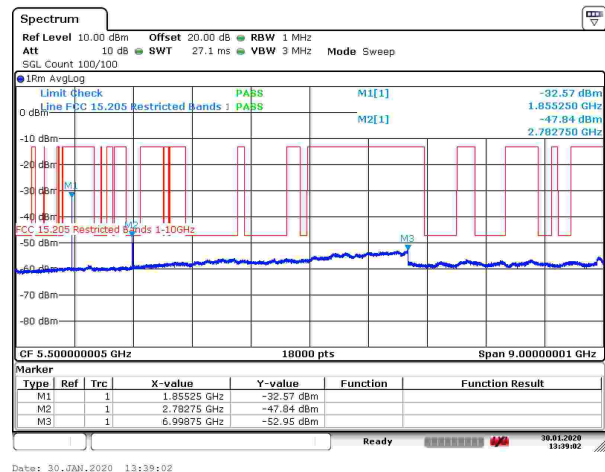
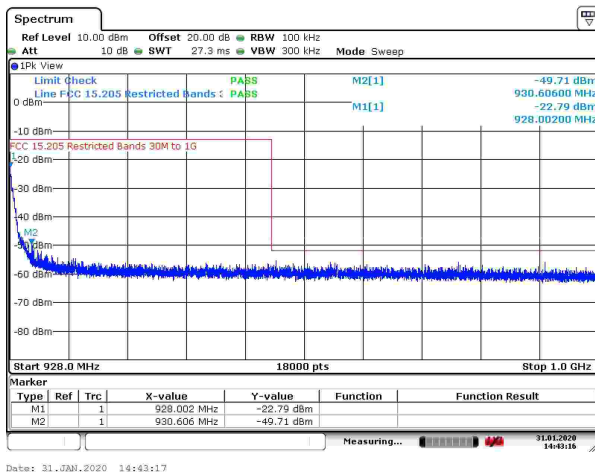
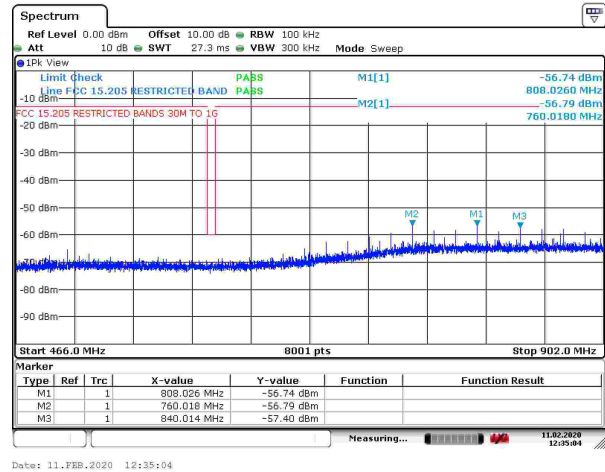
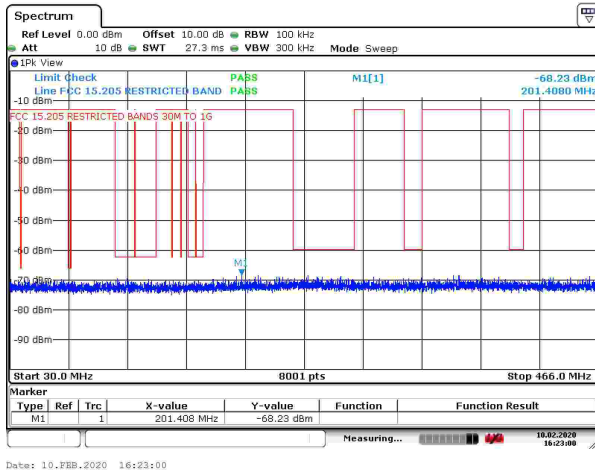
Start 30.0 MHz 8001 pts Stop 466.0 MHz

| Type | Ref | Trc | X-value     | Y-value    | Function | Function Result |
|------|-----|-----|-------------|------------|----------|-----------------|
| M1   | 1   |     | 362.218 MHz | -67.71 dBm |          |                 |
| M2   | 1   |     | 260.043 MHz | -67.73 dBm |          |                 |

Measuring... 10.FEB.2020 15:53:28 10.82/2020 15:53:27



|                                                                                                 |  |                                                                                        |  |                                            |  |
|-------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------|--|--------------------------------------------|--|
|                                                                                                 |  | 1100 E Chalk Creek Road<br>Coalville, UT 84017<br>(435) 336-4433<br>FAX (435) 336-4436 |  | <b>Restricted Band Spurious</b>            |  |
| DNB Job Number:                                                                                 |  | 06022                                                                                  |  | Date: 31 Jan 2020                          |  |
| Customer:                                                                                       |  | Transcore                                                                              |  | Conformance<br>Standard<br><br>FCC Part 15 |  |
| Model Number:                                                                                   |  | MPRXFH                                                                                 |  |                                            |  |
| Description:                                                                                    |  | Multiprotocol Reader Extreme- Frequency Hopper                                         |  | Clause<br>15.247(d)                        |  |
|                                                                                                 |  |                                                                                        |  |                                            |  |
| Ambient Temperature                                                                             |  | Relative Humidity                                                                      |  | Barometric Pressure                        |  |
| 23 °C                                                                                           |  | 30 %                                                                                   |  | 101.80 kPa                                 |  |
| EUT performed within the requirements of the applicable standard [X] Yes [ ] No <i>CL Payne</i> |  |                                                                                        |  |                                            |  |
| Port                                                                                            |  | Channel                                                                                |  | Modulation                                 |  |
| 3                                                                                               |  | High                                                                                   |  | SeGo                                       |  |
|                                                                                                 |  |                                                                                        |  | Pass/Fail                                  |  |
|                                                                                                 |  |                                                                                        |  | Pass                                       |  |



## 2.1033 (b) (7) Equipment Photographs

Supplied separately for confidentiality



End of Report UT06022A-004