



# Jammertest 2025 Transmission Plan

Jammertest Consortium

2025-06-27  
09:13:16

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# Monday

## **Location 1 Bleik**

Monday morning before lunch will be used for setting up equipment and checking that all systems are operational. After lunch the testing will start with high power jamming.

## **Location 2 Grunnvatn**

No activity before lunch. Testing of low-power handheld jammers after lunch.

## ∞ **Location 3 Motorcade**

No activity before lunch. Testing of low-power handheld jammers inside and outside vehicles after lunch.

Table 1.1: Monday

Monday 2025-09-15	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
Start time:	11:00	11:00	11:00
08:00			
09:00			
10:00			
11:00	<b>11:00-13:00 - 0.0.1</b> <b>Mandatory morning briefing</b> Comment: MANDATORY Contact: Christian Skjetne (NPRA)	<b>11:00-13:00 - 0.0.1</b> <b>Mandatory morning briefing</b> Comment: MANDATORY attendance at Test Area 1 (Site 1) Contact: Christian Skjetne (NPRA)	<b>11:00-13:00 - 0.0.1</b> <b>Mandatory morning briefing</b> Comment: MANDATORY attendance at Test Area 1 (Site 1) Contact: Christian Skjetne (NPRA)
12:00			
13:00	<b>13:00-14:00 - 0.1.1</b> <b>Grace period</b> Comment: Lunch Contact: Christian Skjetne (NPRA)	<b>13:00-14:00 - 0.1.1</b> <b>Grace period</b> Comment: Lunch @ Test Area 1 (Site 1) Contact: Christian Skjetne (NPRA)	<b>13:00-14:00 - 0.1.1</b> <b>Grace period</b> Comment: Lunch @ Stave (Site 3) Contact: Jahn Erik Røhme (NPRA)
14:00	<b>14:00-14:10 - 1.2.1</b> <b>Jammer F8.1 "Porcus Major": 50 W CW: L1</b> Power: 50W Contact: Jørn Skorstad (Nkom) <hr/> <b>14:25-14:35 - 1.2.5</b> <b>Jammer F8.1 "Porcus Major": 50 W CW: L1, G1, L2, L5, E6</b> Power: 50W Contact: Jørn Skorstad (Nkom) <hr/> <b>14:50-15:00 - 1.3.1</b> <b>Jammer F8.1 "Porcus Major": 50 W sweep: L1, 100 kHz</b> Power: 50W Contact: Jørn Skorstad (Nkom)	<b>14:00-14:12 - 1.1.1</b> <b>Jammer S1.1</b> Contact: Øystein Karlsen (NKOM) <hr/> <b>14:16-14:28 - 1.1.4</b> <b>Jammer S2.1</b> Contact: Øystein Karlsen (NKOM) <hr/> <b>14:32-14:44 - 1.1.8</b> <b>Jammer U1.1</b> Contact: Øystein Karlsen (NKOM) <hr/> <b>14:48-15:00 - 1.1.12</b> <b>Jammer H1.1</b> Contact: Øystein Karlsen (NKOM)	<b>14:00-14:15 - 2.6.1</b> <b>Spoofers (in vehicle with roof mounted antenna) stationary with dynamic spoofed position.</b> Power: 0.001W Contact: Jahn Erik Røhme (NPRA) <hr/> <b>14:20-14:40 - 2.6.2</b> <b>Spoofers (in vehicle with roof mounted antenna) stationary and then moving with fixed spoofed position.</b> Power: 0.001W Contact: Jahn Erik Røhme (NPRA) <hr/> <b>14:50-15:10 - 2.6.3</b> <b>Spoofers (in vehicle with roof mounted antenna) moving with fixed spoofed position.</b> Power: 0.001W Contact: Jahn Erik Røhme (NPRA)

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Table 1.1: Monday (Continued)

Monday 2025-09-15	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
15:00	<div>15:15-15:25 - 1.3.5 Jammer F8.1 "Porcus Major": 50 W sweep: L1, sweep rate: 1 kHz, BW: 6 MHz Power: 50W Contact: Jørn Skorstad (Nkom)</div> <div>15:40-15:50 - 1.4.5 Jammer F8.1 "Porcus Major": 50 W PRN: L1, Chiprate: 1.023 MHz Power: 50W Contact: Jørn Skorstad (Nkom)</div>	<div>15:04-15:16 - 1.1.13 Jammer H1.2 Contact: Øystein Karlsen (NKOM)</div> <div>15:20-15:32 - 1.1.16 Jammer H3.1 Contact: Øystein Karlsen (NKOM)</div> <div>15:36-15:48 - 1.1.18 Jammer H3.3 Contact: Øystein Karlsen (NKOM)</div> <div>15:52-16:04 - 1.1.19 Jammer H4.1 Contact: Øystein Karlsen (NKOM)</div>	<div>15:20-15:40 - 2.6.4 Spoofers (in vehicle with roof mounted antenna) stationary and then moving with first fixed and then dynamic spoofed position. Power: 0.001W Contact: Jahn Erik Røhme (NPRA)</div> <div>15:50-16:10 - 2.6.5 Spoofing: Motorcade moving with fixed spoofed position Power: 0.001W Contact: Jahn Erik Røhme (NPRA)</div>
16:00	<div>16:05-16:15 - 1.4.6 Jammer F8.1 "Porcus Major": 50 W PRN: L1, G1, L2, L5, E6, Chiprate: 10.23 MHz Power: 50W Contact: Jørn Skorstad (Nkom)</div> <div>16:30-17:45 - 1.8.1 Jammer F8.1 "Porcus Major": 50 W PRN pyramid: E6, E5b, L5, G2, L2, B1I, G1, L1 Power: 50W Contact: Jørn Skorstad (Nkom)</div>	<div>16:08-16:20 - 1.1.20 Jammer H6.1 Contact: Øystein Karlsen (NKOM)</div> <div>16:24-16:36 - 1.1.21 Jammer H6.2 Contact: Øystein Karlsen (NKOM)</div> <div>16:40-16:52 - 1.1.22 Jammer H6.3 Contact: Øystein Karlsen (NKOM)</div> <div>16:56-17:08 - 1.1.23 Jammer H6.4 Contact: Øystein Karlsen (NKOM)</div>	<div>16:20-16:40 - 2.6.6 Spoofing: Motorcade moving north, while the dynamic fixed position moves south Power: 0.001W Contact: Jahn Erik Røhme (NPRA)</div> <div>16:50-17:10 - 2.6.7 Spoofing: Motorcade driving south, while the spoofed speed is following the road at a high speed, stops and returns at low speed Power: 0.001W Contact: Jahn Erik Røhme (NPRA)</div>

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Table 1.1: Monday (Continued)

Monday 2025-09-15	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
17:00		<div>17:12-17:24 - 1.1.26 Jammer H8.1 Contact: Øystein Karlsen (NKOM)</div> <div>17:28-17:40 - 1.1.27 Jammer F6.1 Contact: Øystein Karlsen (NKOM)</div> <div>17:44-17:56 - 1.1.29 Jammer H2.1 Contact: Øystein Karlsen (NKOM)</div>	
18:00	<div>18:30-19:00 - 0.0.2 Mandatory afternoon (de)briefing Contact: Christian Skjetne (NPRA)</div>	<div>18:30-19:00 - 0.0.2 Mandatory afternoon (de)briefing Comment: MANDATORY attendance at Test Area 1 (Site 1) Contact: Christian Skjetne (NPRA)</div>	<div>18:30-19:00 - 0.0.2 Mandatory afternoon (de)briefing Comment: MANDATORY attendance at Test Area 1 (Site 1) Contact: Christian Skjetne (NPRA)</div>
19:00			
20:00			
21:00			
22:00			

# Tuesday

## **Location 1 Bleik**

Tuesday will be used for meaconing and unintentional RFI test. During the evening there will be very high power jamming running untill 22:00.

## **Location 2 Grunnvatn**

Test of multiple low-power handheld jammers in circular configuration. Relevant for mobile testing in car, drones and CRPA antennas.

## **Location 3 Motorcade**

Testing of low-power handheld jammers inside and outside vehicles.

Table 2.1: Tuesday

Tuesday 2025-09-16	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
Start time:	08:00	08:00	08:00
08:00	<b>08:00-08:30 - 0.0.1</b> <b>Mandatory morning briefing</b> Comment: MANDATORY Contact: Christian Skjetne (NPRA)	<b>08:00-08:30 - 0.0.1</b> <b>Mandatory morning briefing</b> Comment: MANDATORY attendance at Test Area 1 (Site 1) Contact: Christian Skjetne (NPRA)	<b>08:00-08:30 - 0.0.1</b> <b>Mandatory morning briefing</b> Comment: MANDATORY attendance at Stave (Site 3) Contact: Jahn Erik Røhme (NPRA)
09:00	<b>09:00-09:28 - 1.6.5</b> <b>Power ramping with Jammer F8.1</b> <b>"Porcus Major": 0.2 μW (-37dBm) to 50 W (47dBm) with 2 dB increments</b> <b>PRN: L1</b> Power: 50W Contact: Jørn Skorstad (Nkom) <hr/> <b>09:45-10:13 - 1.6.6</b> <b>Power ramping with Jammer F8.1</b> <b>"Porcus Major": 0.2 μW (-37dBm) to 50 W (47dBm) with 2 dB increments</b> <b>PRN: L1, G1, L2, L5, E6</b> Power: 50W Contact: Jørn Skorstad (Nkom)	<b>09:00-09:10 - 1.19.1</b> <b>3 jammers at 50 meters from center S1.1, S1.2 and S1.3</b> Power: 0.171W Contact: Øystein Karlsen (NKOM) <hr/> <b>09:16-09:26 - 1.19.2</b> <b>3 jammers at 100 meters from center S1.1, S1.2 and S1.3</b> Power: 0.171W Contact: Øystein Karlsen (NKOM) <hr/> <b>09:32-09:42 - 1.19.3</b> <b>3 jammers at 150 meters from center S1.1, S1.2 and S1.3</b> Power: 0.171W Contact: Øystein Karlsen (NKOM) <hr/> <b>09:48-09:58 - 1.19.4</b> <b>3 jammers at 50 meters from center S2.1, S2.2 and S2.3</b> Power: 1.26W Contact: Øystein Karlsen (NKOM)	<b>09:00-11:00 - 1.10.3</b> <b>Vehicle starting in dual-band denied environment</b> Power: 6.31W Comment: Jammers available for testing: H1.6,H1.6,H3.2,F6.1 Contact: Jahn Erik Røhme (NPRA)

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Table 2.1: Tuesday (Continued)

Tuesday 2025-09-16	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
10:00	<b>10:30-10:40 - 3.1.3</b> <b>Meacon F1.1 "Porcellus": RX1 at 10 W</b> Power: 10W Contact: Jørn Skorstad (Nkom)	<b>10:04-10:14 - 1.19.5</b> <b>3 jammers at 100 meters from center S2.1, S2.2 and S2.3</b> Power: 1.26W Contact: Øystein Karlsen (NKOM)	
	<b>10:55-11:05 - 3.1.4</b> <b>Meacon F1.1 "Porcellus": RX1 at 10 W with initial jamming</b> Power: 10W Contact: Jørn Skorstad (Nkom)	<b>10:20-10:30 - 1.19.6</b> <b>3 jammers at 150 meters from center S2.1, S2.2 and S2.3</b> Power: 1.26W Contact: Øystein Karlsen (NKOM)	
		<b>10:36-10:46 - 1.19.7</b> <b>3 jammers at 50 meters from center U1.1, U1.2 and U1.3</b> Contact: Øystein Karlsen (NKOM)	
		<b>10:52-11:02 - 1.19.8</b> <b>3 jammers at 100 meters from center U1.1, U1.2 and U1.3</b> Contact: Øystein Karlsen (NKOM)	

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Table 2.1: Tuesday (Continued)

Tuesday			
2025-09-16	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
11:00	<p><b>11:20-11:56 - 3.3.1</b> <b>Meacon F1.1 "Porcellus": RX1 with ramping power</b> Power: 10W Contact: Jørn Skorstad (Nkom)</p>	<p><b>11:08-11:18 - 1.19.9</b> <b>3 jammers at 150 meters from center U1.1, U1.2 and U1.3</b> Contact: Øystein Karlsen (NKOM)</p> <hr/> <p><b>11:24-11:34 - 1.19.10</b> <b>3 jammers at 50 meters from center H6.4, H6.5 and H6.6</b> Power: 1.58W Contact: Øystein Karlsen (NKOM)</p> <hr/> <p><b>11:40-11:50 - 1.19.11</b> <b>3 jammers at 100 meters from center H6.4, H6.5 and H6.6</b> Power: 1.58W Contact: Øystein Karlsen (NKOM)</p> <hr/> <p><b>11:56-12:06 - 1.19.12</b> <b>3 jammers at 150 meters from center H6.4, H6.5 and H6.6</b> Power: 1.58W Contact: Øystein Karlsen (NKOM)</p>	<p><b>11:00-13:00 - 1.10.2</b> <b>Driving while passing a parked car with multi-band jammer</b> Power: 1W Comment: Jammers available for testing: H3.2,H4.1,H3.3,H8.1 Contact: Jahn Erik Røhme (NPRA)</p>
12:00	<p><b>12:10-12:26 - 3.2.6</b> <b>Meacon F1.1 "Porcellus": RX1 and RX2 at 10 W alternating with decreasing durations without breaks</b> Power: 10W Contact: Jørn Skorstad (Nkom)</p> <hr/> <p><b>12:40-13:00 - 3.2.7</b> <b>Meacon F1.1 "Porcellus": RX1 and RX2 at 10 W alternating with different switching frequencies.</b> Power: 10W Contact: Jørn Skorstad (Nkom)</p>	<p><b>12:12-12:22 - 1.19.13</b> <b>3 jammers at 50 meters from center H1.1, H1.4 and H1.5</b> Power: 0.1W Contact: Øystein Karlsen (NKOM)</p> <hr/> <p><b>12:28-12:38 - 1.19.14</b> <b>3 jammers at 100 meters from center H1.1, H1.4 and H1.5</b> Power: 0.1W Contact: Øystein Karlsen (NKOM)</p> <hr/> <p><b>12:44-12:54 - 1.19.15</b> <b>3 jammers at 150 meters from center H1.1, H1.4 and H1.5</b> Power: 0.1W Contact: Øystein Karlsen (NKOM)</p>	

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Table 2.1: Tuesday (Continued)

Tuesday 2025-09-16	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
13:00	<b>13:00-14:00 - 0.1.1</b> <b>Grace period</b> Comment: Lunch Contact: Christian Skjetne (NPRA)	<b>13:00-14:00 - 0.1.1</b> <b>Grace period</b> Comment: Lunch @ Stave (Site 3) Contact: Christian Skjetne (NPRA)	<b>13:00-14:00 - 0.1.1</b> <b>Grace period</b> Comment: Lunch @ Stave (Site 3) Contact: Jahn Erik Røhme (NPRA)
14:00	<b>14:00-14:45 - 3.2.10</b> <b>Meacon F1.1 "Porcellus": RX1 and RX2 at 10 W alternating with different switching frequencies and with jamming</b> Power: 10W Contact: Jørn Skorstad (Nkom)	<b>14:30-14:42 - 1.20.1</b> <b>3 jammers at 50 meters from center H1.1, H1.4 and H1.5</b> Power: 1W Comment: +30dBm from each direction, A, B and C Contact: Øystein Karlsen (NKOM) <hr/> <b>14:48-15:00 - 1.20.2</b> <b>3 jammers at 100 meters from center H1.1, H1.4 and H1.5</b> Power: 1W Comment: +30dBm from each direction, A, B and C Contact: Øystein Karlsen (NKOM)	<b>14:00-16:00 - 1.11.11</b> <b>Motorcade while jammer vehicle is in the middle of the motorcade</b> Power: 1W Comment: Jammers available for testing: H6.1,H3.3 Contact: Jahn Erik Røhme (NPRA)

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Table 2.1: Tuesday (Continued)

Tuesday			
2025-09-16	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
15:00	<div><div><b>15:10-15:25 - 1.18.5</b> <b>Jammer F8.1 "Porcus Major": 50 W</b> <b>drift: 1545 to 1620 MHz, with CW and</b> <b>sweep time of 15 minutes</b> Power: 50W Contact: Jørn Skorstad (Nkom)</div><div><b>15:35-15:50 - 1.18.7</b> <b>Jammer F8.1 "Porcus Major": 50 W</b> <b>drift: 1620 to 1545 MHz, with CW and</b> <b>sweep time of 15 minutes</b> Power: 50W Contact: Jørn Skorstad (Nkom)</div></div>	<div><div><b>15:06-15:18 - 1.20.3</b> <b>3 jammers at 150 meters from center</b> <b>H1.1, H1.4 and H1.5</b> Power: 1W Comment: +30dBm from each direction, A, B and C Contact: Øystein Karlsen (NKOM)</div><div><b>15:24-15:36 - 1.20.4</b> <b>3 jammers at 50 meters from center</b> <b>H1.1, H1.4 and H1.5</b> Power: 1W Comment: +30dBm from each direction, A, B and C Contact: Øystein Karlsen (NKOM)</div><div><b>15:42-15:54 - 1.20.5</b> <b>3 jammers at 100 meters from center</b> <b>H1.1, H1.4 and H1.5</b> Power: 1W Comment: +30dBm from each direction, A, B and C Contact: Øystein Karlsen (NKOM)</div></div>	

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Table 2.1: Tuesday (Continued)

Tuesday 2025-09-16	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
16:00	<div><div><b>16:00-16:15 - 1.18.13</b> <b>Jammer F8.1 "Porcus Major": 50 W</b> <b>drift: 1150 to 1300 MHz, with CW and</b> <b>sweep time of 15 minutes</b> Power: 50W Contact: Jørn Skorstad (Nkom)</div><div><b>16:25-16:40 - 1.18.15</b> <b>Jammer F8.1 "Porcus Major": 50 W</b> <b>drift: 1300 to 1150 MHz, with CW and</b> <b>sweep time of 15 minutes</b> Power: 50W Contact: Jørn Skorstad (Nkom)</div></div>	<div><div><b>16:00-16:12 - 1.20.6</b> <b>3 jammers at 150 meters from center</b> <b>H1.1, H1.4 and H1.5</b> Power: 1W Comment: +30dBm from each direction, A, B and C Contact: Øystein Karlsen (NKOM)</div><div><b>16:18-16:30 - 1.20.7</b> <b>3 jammers at 50 meters from center</b> <b>H1.1, H1.4 and H1.5</b> Power: 1W Comment: +30dBm from each direction, A, B and C Contact: Øystein Karlsen (NKOM)</div><div><b>16:36-16:48 - 1.20.8</b> <b>3 jammers at 100 meters from center</b> <b>H1.1, H1.4 and H1.5</b> Power: 1W Comment: +30dBm from each direction, A, B and C Contact: Øystein Karlsen (NKOM)</div><div><b>16:54-17:06 - 1.20.9</b> <b>3 jammers at 150 meters from center</b> <b>H1.1, H1.4 and H1.5</b> Power: 1W Comment: +30dBm from each direction, A, B and C Contact: Øystein Karlsen (NKOM)</div></div>	<div><div><b>16:00-18:00 - 1.11.4</b> <b>Driving with dual-band jammer in</b> <b>vehicle overtaking the test vehicle</b> Power: 6.31W Comment: Jammers available for testing: H1.6,H3.3,H4.1,F6.1 Contact: Jahn Erik Røhme (NPRA)</div></div>

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Table 2.1: Tuesday (Continued)

Tuesday 2025-09-16	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
17:00	<div><div><b>17:00-17:20 - 3.4.1</b> <b>Meacon F1.1 "Porcellus": RX1 and spoofing frm M1.1 Winnie the Spoof</b> Power: 10W Contact: Jørn Skorstad (Nkom)</div><div><b>17:40-18:00 - 3.4.2</b> <b>Meacon F1.1 "Porcellus": RX1 and spoofing from M1.1 Winnie the Spoof</b> Power: 10W Contact: Jørn Skorstad (Nkom)</div></div>	<div><div><b>17:12-17:24 - 1.20.10</b> <b>3 jammers at 50 meters from center H1.1, H1.4 and H1.5</b> Power: 1W Comment: +30dBm from each direction, A, B and C Contact: Øystein Karlsen (NKOM)</div><div><b>17:30-17:40 - 1.20.11</b> <b>3 jammers at 100 meters from center H1.1, H1.4 and H1.5</b> Power: 1W Comment: +30dBm from each direction, A, B and C Contact: Øystein Karlsen (NKOM)</div><div><b>17:46-17:58 - 1.20.12</b> <b>3 jammers at 150 meters from center H1.1, H1.4 and H1.5</b> Power: 1W Comment: +30dBm from each direction, A, B and C Contact: Øystein Karlsen (NKOM)</div></div>	
18:00	<div><b>18:30-19:00 - 0.0.2</b> <b>Mandatory afternoon (de)briefing</b> Contact: Christian Skjetne (NPRA)</div>	<div><b>18:30-19:00 - 0.0.2</b> <b>Mandatory afternoon (de)briefing</b> Comment: MANDATORY attendance at Test Area 1 (Site 1) Contact: Christian Skjetne (NPRA)</div>	<div><b>18:30-19:00 - 0.0.2</b> <b>Mandatory afternoon (de)briefing</b> Comment: MANDATORY attendance at Stave (Site 3) Contact: Jahn Erik Røhme (NPRA)</div>
19:00	<div><b>19:00-22:00 - 1.16.5</b> <b>High Power PRN jamming from multiple locations: L1, G1, L2, L5, E6</b> Power: 100W Contact: Jørn Skorstad (Nkom)</div>		
20:00			
21:00			
22:00			

# Wednesday

## **Location 1 Bleik**

Wednesday will be used for position and SBAS spoofing.

## **Location 2 Grunnvatn**

Test of stationary coherent spoofing with circle of jammers. Relevant for mobile testing in car, drones and CRPA antennas.

## **Location 3 Motorcade**

Booking of timeslots available for custom testing.

Table 3.1: Wednesday

Wednesday 2025-09-17	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
Start time:	08:00	08:00	08:00
08:00	<b>08:00-08:30 - 0.0.1</b> <b>Mandatory morning briefing</b> Comment: MANDATORY Contact: Christian Skjetne (NPRA)	<b>08:00-08:30 - 0.0.1</b> <b>Mandatory morning briefing</b> Comment: MANDATORY attendance at Test Area 1 (Site 1) Contact: Christian Skjetne (NPRA)	<b>08:00-08:30 - 0.0.1</b> <b>Mandatory morning briefing</b> Comment: MANDATORY attendance at Stave (Site 3) Contact: Jahn Erik Røhme (NPRA)
09:00	<b>09:00-09:40 - 2.1.1</b> <b>Large position and time jump, with power ramp</b> Power: 0.316W Contact: Jørn Skorstad (Nkom)	<b>09:00-09:40 - 2.10.1</b> <b>Spoofing route GPS L1 and Galileo E1 only</b> Power: 0.001W Comment: Spoofing route that start at LOK2-ORIG, and goes out forming a spoofing circle above position A150, B150 and C150. Spoofing signal will perform power ramp from uW to mW during the first 30 minutes of the test. Signals: GPS L1 C/A. Galileo E1. No initial jamming. Spoofing route duration is 40 minutes. Contact: Øystein Karlsen (NKOM) <hr/> <b>09:50-10:55 - 2.10.2</b> <b>Circle of 3 stationary jammers, L1, L2 and spoofing route GPS L1 and Galileo E1 only</b> Power: 3W Comment: Jamming from A50, B50 and C50, with jammer H1.1, H1.4 and H1.5, L1, L2, CHIRP. HIGH PWR. The Jammers are connected to RHCP antennas to boost the power. 15 minutes of initial jamming first. Then spoofing starts, same spoofing route as test 2.10.1 Contact: Øystein Karlsen (NKOM)	<b>09:00-11:00 - 1.10.3</b> <b>Vehicle starting in dual-band denied environment</b> Power: 1W Comment: Jammers available for testing: H3.2,H4.1,H6.1,H6.3 Contact: Jahn Erik Røhme (NPRA)

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Table 3.1: Wednesday (Continued)

Wednesday 2025-09-17	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
10:00	<div> <div> <b>10:00-10:15 - 2.1.3</b>  <b>Large position and time jump. Galileo E1 only</b>                      Power: 0.316W                      Contact: Jørn Skorstad (Nkom)                 </div> <div> <b>10:20-10:35 - 2.1.2</b>  <b>Large position and time jump. GPS L1 C/A only</b>                      Power: 0.316W                      Contact: Jørn Skorstad (Nkom)                 </div> <div> <b>10:40-10:55 - 2.1.4</b>  <b>Large position and time jump. GPS L1 and Galileo E1 only</b>                      Power: 0.316W                      Contact: Jørn Skorstad (Nkom)                 </div> </div>		
11:00	<div> <div> <b>11:25-11:40 - 2.1.9</b>  <b>Simulated driving (route 1). GPS L1 C/A and Galileo E1, with initial jamming</b>                      Power: 0.316W                      Contact: Jørn Skorstad (Nkom)                 </div> <div> <b>11:45-12:00 - 2.1.10</b>  <b>Simulated driving (route 1), with initial jamming</b>                      Power: 0.316W                      Contact: Jørn Skorstad (Nkom)                 </div> </div>	<div> <div> <b>11:05-12:00 - 2.10.3</b>  <b>Circle of 3 stationary jammers, 2 moving jammers L1, L2 and spoofing route GPS L1 and Galileo E1 only</b>                      Power: 4W                      Comment: Jamming from A50, B50 and C50, with jammer H1.1, H1.4 and H1.5, L1, L2, CHIRP. HIGH PWR. The Jammers are connected to RHCP antennas to boost the power. Two additional mobile jammers will be added H1.6 and H1.7 with L1, L2 NB, HIGH PWR. 15 minutes of initial jamming first. Then spoofing starts, same spoofing route as test 2.10.1                      Contact: Øystein Karlsen (NKOM)                 </div> </div>	<div> <div> <b>11:00-13:00 - 1.10.2</b>  <b>Driving while passing a parked car with multi-band jammer</b>                      Power: 6.31W                      Comment: Jammers available for testing: H3.3,H4.1,H8.1,F6.1                      Contact: Jahn Erik Røhme (NPRA)                 </div> </div>

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Table 3.1: Wednesday (Continued)

Wednesday 2025-09-17	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
12:00	<p><b>12:30-12:40 - 2.8.1</b> <b>EGNOS with "Do Not Use GPS" commands</b> Power: 1W Contact: Jørn Skorstad (Nkom)</p> <hr/> <p><b>12:45-13:00 - 2.8.1</b> <b>EGNOS with "Do Not Use GPS" commands</b> Power: 1W Contact: Jørn Skorstad (Nkom)</p>	<p><b>12:10-13:05 - 2.10.4</b> <b>Circle of 3 stationary jammers, 5 moving jammers and spoofing route GPS L1 and Galileo E1 only</b> Power: 5W Comment: Jamming from A50, B50 and C50, with jammer H1.1, H1.4 and H1.5, L1, L2, CHIRP. HIGH PWR. The Jammers are connected to RHCP antennas to boost the power. Five additional mobile jammers will be added H1.6 and H1.7 with L1, L2 NB, HIGH PWR, and H6.3, H6.4 and H6.5, L1, L2. 15 minutes of initial jamming first. Then spoofing starts, same spoofing route as test 2.10.1. Contact: Øystein Karlsen (NKOM)</p>	
13:00	<p><b>13:00-14:00 - 0.1.1</b> <b>Grace period</b> Comment: Lunch Contact: Christian Skjetne (NPRA)</p>	<p><b>13:00-14:00 - 0.1.1</b> <b>Grace period</b> Comment: Lunch @ Stave (Site 3) Contact: Christian Skjetne (NPRA)</p>	<p><b>13:00-14:00 - 0.1.1</b> <b>Grace period</b> Comment: Lunch @ Stave (Site 3) Contact: Jahn Erik Røhme (NPRA)</p>
14:00	<p><b>14:00-14:15 - 2.2.3</b> <b>Position jump</b> Power: 0.316W Contact: Jørn Skorstad (Nkom)</p> <hr/> <p><b>14:20-14:35 - 2.3.3</b> <b>Small position jump</b> Power: 0.316W Contact: Jørn Skorstad (Nkom)</p> <hr/> <p><b>14:40-14:55 - 2.3.2</b> <b>Small position jump with initial and continuous jamming</b> Power: 0.316W Contact: Jørn Skorstad (Nkom)</p>	<p><b>14:10-14:50 - 2.10.1</b> <b>Spoofing route GPS L1 and Galileo E1 only</b> Power: 0.001W Comment: Spoofing route that start at LOK2-ORIG, and goes out forming a spoofing circle above position A150, B150 and C150. Spoofing signal will perform power ramp from uW to mW during the first 30 minutes of the test. Signals: GPS L1 C/A. Galileo E1. No initial jamming. Spoofing route duration is 40 minutes. Contact: Øystein Karlsen (NKOM)</p>	<p><b>14:00-16:00 - 1.11.11</b> <b>Motorcade while jammer vehicle is in the middle of the motorcade</b> Power: 6.31W Comment: Jammers available for testing: H3.3,H6.1,H8.1,F6.1 Contact: Jahn Erik Røhme (NPRA)</p>

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Table 3.1: Wednesday (Continued)

Wednesday 2025-09-17	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
15:00	<p><b>15:25-15:35 - 2.3.8</b>  <b>Simulated driving (route 1). Galileo only</b>  Power: 0.316W  Contact: Jørn Skorstad (Nkom)</p> <hr/> <p><b>15:40-15:50 - 2.3.5</b>  <b>Simulated driving (route 1). GPS only</b>  Power: 0.316W  Contact: Jørn Skorstad (Nkom)</p> <hr/> <p><b>15:55-16:05 - 2.3.10</b>  <b>Simulated driving (route 1)</b>  Power: 0.316W  Contact: Jørn Skorstad (Nkom)</p>	<p><b>15:00-15:55 - 2.10.2</b>  <b>Circle of 3 stationary jammers, L1, L2 and spoofing route GPS L1 and Galileo E1 only</b>  Power: 3W  Comment: Jamming from A50, B50 and C50, with jammer H1.1, H1.4 and H1.5, L1, L2, CHIRP. HIGH PWR. The Jammers are connected to RHCP antennas to boost the power. 15 minutes of initial jamming first. Then spoofing starts, same spoofing route as test 2.10.1  Contact: Øystein Karlsen (NKOM)</p>	
16:00	<p><b>16:10-16:25 - 2.3.11</b>  <b>Simulated driving (route 1) with initial and continuous jamming.</b>  Power: 0.316W  Contact: Jørn Skorstad (Nkom)</p> <hr/> <p><b>16:55-17:05 - 2.3.15</b>  <b>Flying (route 2) - "helicopter scenario"</b>    Power: 0.316W  Contact: Jørn Skorstad (Nkom)</p>	<p><b>16:05-17:00 - 2.10.3</b>  <b>Circle of 3 stationary jammers, 2 moving jammers L1, L2 and spoofing route GPS L1 and Galileo E1 only</b>  Power: 4W  Comment: Jamming from A50, B50 and C50, with jammer H1.1, H1.4 and H1.5, L1, L2, CHIRP. HIGH PWR. The Jammers are connected to RHCP antennas to boost the power. Two additional mobile jammers will be added H1.6 and H1.7 with L1, L2 NB, HIGH PWR. 15 minutes of initial jamming first. Then spoofing starts, same spoofing route as test 2.10.1  Contact: Øystein Karlsen (NKOM)</p>	<p><b>16:00-18:00 - 1.11.4</b>  <b>Driving with dual-band jammer in vehicle overtaking the test vehicle</b>  Power: 6.31W  Comment: Jammers available for testing: H3.3,H6.1,H8.1,F6.1  Contact: Jahn Erik Røhme (NPRA)</p>

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Table 3.1: Wednesday (Continued)

Wednesday 2025-09-17	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
17:00	<p><b>17:10-17:20 - 2.3.12</b>  <b>Flying (route 4) - "drone scenario"</b>  <b>GPS L1 C/A only</b>  Power: 0.316W  Contact: Jørn Skorstad (Nkom)</p> <hr/> <p><b>17:30-17:40 - 2.3.13</b>  <b>Flying (route 4) - "drone scenario"</b>  Power: 0.316W  Contact: Jørn Skorstad (Nkom)</p> <hr/> <p><b>17:45-18:00 - 2.3.15</b>  <b>Flying (route 2) - "helicopter scenario"</b>    Power: 0.316W  Contact: Jørn Skorstad (Nkom)</p>	<p><b>17:10-18:05 - 2.10.4</b>  <b>Circle of 3 stationary jammers, 5 moving jammers and spoofing route GPS L1 and Galileo E1 only</b>  Power: 5W  Comment: Jamming from A50, B50 and C50, with jammer H1.1, H1.4 and H1.5, L1, L2, CHIRP. HIGH PWR. The Jammers are connected to RHCP antennas to boost the power. Five additional mobile jammers will be added H1.6 and H1.7 with L1, L2 NB, HIGH PWR, and H6.3, H6.4 and H6.5, L1, L2. 15 minutes of initial jamming first. Then spoofing starts, same spoofing route as test 2.10.1  Contact: Øystein Karlsen (NKOM)</p>	
18:00	<p><b>18:30-19:00 - 0.0.2</b>  <b>Mandatory afternoon (de)briefing</b>  Comment: MANDATORY  Contact: Christian Skjetne (NPRA)</p>	<p><b>18:30-19:00 - 0.0.2</b>  <b>Mandatory afternoon (de)briefing</b>  Comment: MANDATORY attendance at Test Area 1 (Site 1)  Contact: Christian Skjetne (NPRA)</p>	<p><b>18:30-19:00 - 0.0.2</b>  <b>Mandatory afternoon (de)briefing</b>  Comment: MANDATORY attendance at Stave (Site 3)  Contact: Jahn Erik Røhme (NPRA)</p>
19:00	<p><b>19:00-22:00 - 2.3.16</b>  <b>Longer period with drifting position and time spoofing</b>  Power: 0.316W  Contact: Jørn Skorstad (Nkom)</p>		
20:00			
21:00			
22:00			

# Thursday

## **Location 1 Bleik**

Thursday will be used for time spoofing. During the evening there will be long time meaoning running untill 22:00.

## **Location 2 Grunnvatn**

Test of multiple low-power handheld jammers in circular configuration. Relevant for mobile testing in car, drones and CRPA antennas.

## **Location 3 Motorcade**

Mobile SDR spoofing. Timeslot after lunch is still not decided.

Table 4.1: Thursday

Thursday 2025-09-18	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
Start time:	08:00	08:00	08:00
08:00	<b>08:00-08:30 - 0.0.1</b> <b>Mandatory morning briefing</b> Comment: MANDATORY Contact: Christian Skjetne (NPRA)	<b>08:00-08:30 - 0.0.1</b> <b>Mandatory morning briefing</b> Comment: MANDATORY attendance at Test Area 1 (Site 1) Contact: Christian Skjetne (NPRA)	<b>08:00-08:30 - 0.0.1</b> <b>Mandatory morning briefing</b> Comment: MANDATORY attendance at Stave (Site 3) Contact: Jahn Erik Røhme (NPRA)
09:00	<b>09:00-09:25 - 2.4.2</b> <b>Time offset 15 minutes from real time, with power ramp</b> Power: 0.0316W Contact: Jørn Skorstad (Nkom) <hr/> <b>09:40-09:55 - 2.4.3</b> <b>Time offset -3 minutes from real time, with power jump</b> Power: 0.0316W Contact: Jørn Skorstad (Nkom)	<b>09:00-10:00 - 1.23.1</b> <b>Jammer S1.1 with 10dB gain at 50 meters above ground</b> Power: 0.316W Comment: Drone with jammer onboard. Dependent on weather conditions Contact: Øystein Karlsen (NKOM)	<b>09:00-09:15 - 2.6.1</b> <b>Spoofers (in vehicle with roof mounted antenna) stationary with dynamic spoofed position.</b> Power: 0.001W Contact: Jahn Erik Røhme (NPRA) <hr/> <b>09:20-09:40 - 2.6.2</b> <b>Spoofers (in vehicle with roof mounted antenna) stationary and then moving with fixed spoofed position.</b> Power: 0.001W Contact: Jahn Erik Røhme (NPRA) <hr/> <b>09:50-10:10 - 2.6.3</b> <b>Spoofers (in vehicle with roof mounted antenna) moving with fixed spoofed position.</b> Power: 0.001W Contact: Jahn Erik Røhme (NPRA)

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Table 4.1: Thursday (Continued)

Thursday 2025-09-18	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
10:00	<p><b>10:10-10:25 - 2.4.12</b>  <b>Static + Pseudorange error</b>  Power: 0.0316W  Contact: Jørn Skorstad (Nkom)</p> <hr/> <p><b>10:40-10:55 - 2.4.13</b>  <b>Static + Pseudorange error, with initial and continuous jamming</b>  Power: 0.001W  Contact: Jørn Skorstad (Nkom)</p>	<p><b>10:00-11:00 - 1.23.1</b>  <b>Jammer S1.1 with 10dB gain at 50 meters above ground</b>  Power: 0.316W  Comment: Drone with jammer onboard.  Dependent on weather conditions  Contact: Øystein Karlsen (NKOM)</p>	<p><b>10:20-10:40 - 2.6.4</b>  <b>Spoofing (in vehicle with roof mounted antenna) stationary and then moving with first fixed and then dynamic spoofed position.</b>  Power: 0.001W  Contact: Jahn Erik Røhme (NPRA)</p> <hr/> <p><b>10:50-11:10 - 2.6.5</b>  <b>Spoofing: Motorcade moving with fixed spoofed position</b>  Power: 0.001W  Contact: Jahn Erik Røhme (NPRA)</p>
11:00	<p><b>11:25-11:40 - 2.5.6</b>  <b>Time offset 15 minutes from real time</b>  Power: 0.001W  Contact: Jørn Skorstad (Nkom)</p> <hr/> <p><b>11:55-12:10 - 2.5.3</b>  <b>Time offset -3 minutes from real time, with power jump</b>  Power: 0.001W  Contact: Jørn Skorstad (Nkom)</p>	<p><b>11:00-12:00 - 1.23.2</b>  <b>Jammer S1.1 with 10dB gain at 100 meters above ground</b>  Power: 0.316W  Comment: Drone with jammer onboard.  Dependent on weather conditions  Contact: Øystein Karlsen (NKOM)</p>	<p><b>11:20-11:40 - 2.6.6</b>  <b>Spoofing: Motorcade moving north, while the dynamic fixed position moves south</b>  Power: 0.001W  Contact: Jahn Erik Røhme (NPRA)</p> <hr/> <p><b>11:50-12:10 - 2.6.7</b>  <b>Spoofing: Motorcade driving south, while the spoofed speed is following the road at a high speed, stops and returns at low speed</b>  Power: 0.001W  Contact: Jahn Erik Røhme (NPRA)</p>
12:00	<p><b>12:25-13:00 - 2.5.25</b>  <b>Static + UTC-parameter nav. data manipulation (adding leap seconds), with initial and continuous jamming</b>  Power: 0.001W  Contact: Jørn Skorstad (Nkom)</p>	<p><b>12:00-13:00 - 1.23.2</b>  <b>Jammer S1.1 with 10dB gain at 100 meters above ground</b>  Power: 0.316W  Comment: Drone with jammer onboard.  Dependent on weather conditions  Contact: Øystein Karlsen (NKOM)</p>	
13:00	<p><b>13:00-14:00 - 0.1.1</b>  <b>Grace period</b>  Comment: Lunch  Contact: Christian Skjetne (NPRA)</p>	<p><b>13:00-14:00 - 0.1.1</b>  <b>Grace period</b>  Comment: Lunch @ Stave (Site 3)  Contact: Christian Skjetne (NPRA)</p>	<p><b>13:00-14:00 - 0.1.1</b>  <b>Grace period</b>  Comment: Lunch @ Stave (Site 3)  Contact: Jahn Erik Røhme (NPRA)</p>

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Table 4.1: Thursday (Continued)

Thursday 2025-09-18	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
14:00	<div><div><b>14:00-14:15 - 2.5.5</b> Time offset 15 minutes from real time. <b>Galileo E1</b> Power: 0.0316W Contact: Jørn Skorstad (Nkom)</div><div><b>14:20-14:35 - 2.5.4</b> Time offset 15 minutes from real time. <b>GPS L1 C/A</b> Power: 0.0316W Contact: Jørn Skorstad (Nkom)</div><div><b>14:40-14:55 - 2.5.6</b> Time offset 15 minutes from real time Power: 1e-05W Contact: Jørn Skorstad (Nkom)</div></div>	<div><b>14:00-15:00 - 0.3.1</b> <b>Ad hoc test</b> Contact: Øystein Karlsen (NKOM)</div>	<div><b>14:00-14:15 - 2.6.1</b> <b>Spoofers (in vehicle with roof mounted antenna) stationary with dynamic spoofed position.</b> Power: 0.001W Contact: Jahn Erik Røhme (NPRA)</div> <div><b>14:20-14:40 - 2.6.2</b> <b>Spoofers (in vehicle with roof mounted antenna) stationary and then moving with fixed spoofed position.</b> Power: 0.001W Contact: Jahn Erik Røhme (NPRA)</div> <div><b>14:50-15:10 - 2.6.3</b> <b>Spoofers (in vehicle with roof mounted antenna) moving with fixed spoofed position.</b> Power: 0.001W Contact: Jahn Erik Røhme (NPRA)</div>
15:00	<div><div><b>15:25-15:40 - 2.5.13</b> <b>Static + Pseudorange error. GPS L1 and Galileo E1 only</b> Power: 0.001W Contact: Jørn Skorstad (Nkom)</div><div><b>15:45-16:00 - 2.5.15</b> <b>Static + Pseudorange error</b> Power: 1e-05W Contact: Jørn Skorstad (Nkom)</div></div>	<div><b>15:00-16:00 - 1.22.1</b> <b>12 jammers at 50 meters from center</b> Comment: U1.1, U1.2, U1.3, S2.1, S2.2, S2.3, H1.1, H1.4, H1.5, H6.3, H6.4, H6.5 Contact: Øystein Karlsen (NKOM)</div>	<div><b>15:20-15:40 - 2.6.4</b> <b>Spoofers (in vehicle with roof mounted antenna) stationary and then moving with first fixed and then dynamic spoofed position.</b> Power: 0.001W Contact: Jahn Erik Røhme (NPRA)</div> <div><b>15:50-16:10 - 2.6.5</b> <b>Spoofing: Motorcade moving with fixed spoofed position</b> Power: 0.001W Contact: Jahn Erik Røhme (NPRA)</div>

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Table 4.1: Thursday (Continued)

Thursday 2025-09-18	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
16:00	<p><b>16:15-16:40 - 2.5.16</b>  <b>Static + Pseudorange error, with initial and continuous jamming</b>  Power: 1e-05W  Contact: Jørn Skorstad (Nkom)</p> <hr/> <p><b>16:55-17:20 - 2.5.26</b>  <b>Static + UTC-parameter nav. data manipulation (removing leap seconds). GPS L1 C/A</b>  Power: 1e-05W  Contact: Jørn Skorstad (Nkom)</p>	<p><b>16:05-16:15 - 1.1.1</b>  <b>Jammer S1.1</b>  Contact: Øystein Karlsen (NKOM)</p> <hr/> <p><b>16:20-16:30 - 1.1.4</b>  <b>Jammer S2.1</b>  Contact: Øystein Karlsen (NKOM)</p> <hr/> <p><b>16:35-16:45 - 1.1.8</b>  <b>Jammer U1.1</b>  Contact: Øystein Karlsen (NKOM)</p> <hr/> <p><b>16:50-17:00 - 1.1.12</b>  <b>Jammer H1.1</b>  Contact: Øystein Karlsen (NKOM)</p>	<p><b>16:20-16:40 - 2.6.6</b>  <b>Spoofing: Motorcade moving north, while the dynamic fixed position moves south</b>  Power: 0.001W  Contact: Jahn Erik Røhme (NPRA)</p> <hr/> <p><b>16:50-17:10 - 2.6.7</b>  <b>Spoofing: Motorcade driving south, while the spoofed speed is following the road at a high speed, stops and returns at low speed</b>  Power: 0.001W  Contact: Jahn Erik Røhme (NPRA)</p>
17:00	<p><b>17:30-18:00 - 2.5.27</b>  <b>Static + UTC-parameter nav. data manipulation (removing leap seconds)</b>  Power: 1e-05W  Contact: Jørn Skorstad (Nkom)</p>	<p><b>17:05-17:15 - 1.1.18</b>  <b>Jammer H3.3</b>  Comment: TBD  Contact: Øystein Karlsen (NKOM)</p> <hr/> <p><b>17:20-17:30 - 1.1.19</b>  <b>Jammer H4.1</b>  Comment: TBD  Contact: Øystein Karlsen (NKOM)</p> <hr/> <p><b>17:35-17:45 - 1.1.22</b>  <b>Jammer H6.3</b>  Comment: TBD  Contact: Øystein Karlsen (NKOM)</p> <hr/> <p><b>17:50-18:00 - 1.1.23</b>  <b>Jammer H6.4</b>  Comment: Lunch @ Stave (Site 3)  Contact: Christian Skjetne (NPRA)</p>	
18:00	<p><b>18:30-19:00 - 0.0.2</b>  <b>Mandatory afternoon (de)briefing</b>  Comment: MANDATORY  Contact: Christian Skjetne (NPRA)</p>	<p><b>18:30-19:00 - 0.0.2</b>  <b>Mandatory afternoon (de)briefing</b>  Comment: MANDATORY attendance at Test Area 1 (Site 1)  Contact: Christian Skjetne (NPRA)</p>	<p><b>18:30-19:00 - 0.0.2</b>  <b>Mandatory afternoon (de)briefing</b>  Comment: MANDATORY attendance at Test Area 1 (Site 1)  Contact: Christian Skjetne (NPRA)</p>

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Table 4.1: Thursday (Continued)

Thursday			
2025-09-18	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
19:00	<b>19:30-22:00 - 3.1.3</b> <b>Meacon F1.1 "Porcellus": RX1 at 10 W</b> Power: 10W Contact: Jørn Skorstad (Nkom)		
20:00			
21:00			
22:00			

# Friday

## **Location 1 Bleik**

Friday will be used for time spoofing and repetitions of previous tests. Time after lunch will be used for tearing down and packing up equipment.

## **Location 2 Grunnvatn**

There will be no testing on this site on Friday.

## **Location 3 Motorcade**

There will be no testing on this site on Friday.

Table 5.1: Friday

Friday 2025-09-19	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
Start time:	08:00	09:00	09:00
08:00	<b>08:00-08:30 - 0.0.1</b> <b>Mandatory morning briefing</b> Comment: MANDATORY Contact: Christian Skjetne (NPRA)		
09:00	<b>09:00-09:10 - 0.3.1</b> <b>Ad hoc test</b> Power: 0.316W Comment: L2 only spoofing Contact: Jørn Skorstad (Nkom) <hr/> <b>09:20-09:40 - 0.3.1</b> <b>Ad hoc test</b> Power: 10W Comment: 3.1.3 + 2.1.2, meaconing (10 W) + spoofing (20 dBm) Contact: Jørn Skorstad (Nkom) <hr/> <b>09:50-10:00 - 3.2.5</b> <b>Meacon F1.1 "Porcellus": RX1 and RX2 at 10 W alternating with breaks</b> Power: 10W Comment: Only using RX1 Contact: Jørn Skorstad (Nkom)	<b>09:00-16:00 - 0.1.1</b> <b>Grace period</b> Comment: SITE IS CLOSED! Contact: Øystein Karlsen (NKOM)	<b>09:00-16:00 - 0.0.1</b> <b>Mandatory morning briefing</b> Comment: No tests planned Contact: Christian Skjetne (NPRA)
10:00	<b>10:10-10:33 - 1.6.4</b> <b>Power ramping with Jammer F8.1</b> <b>"Porcus Major": 0.2 µW (-37dBm) to 50 W (47dBm) with 2 dB increments</b> <b>PRN: L1, G1, L2, L5</b> Power: 50W Comment: 20 seconds per step, power ramp (up and down) from -21 (to 47) dBm Contact: Jørn Skorstad (Nkom) <hr/> <b>10:50-11:10 - 2.7.12</b> <b>Static + Time manipulation (2 years forwards), with power ramp</b> Power: 0.0316W Contact: Jørn Skorstad (Nkom)		

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Table 5.1: Friday (Continued)

Friday 2025-09-19	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
11:00	<b>11:30-11:50 - 2.7.16</b> <b>Static + Time manipulation (April 2019), with initial and continuous jamming</b> Power: 0.0316W Contact: Jørn Skorstad (Nkom)		
12:00	<b>12:00-12:22 - 2.4.2</b> <b>Time offset 15 minutes from real time, with power ramp</b> Power: 0.0316W Contact: Jørn Skorstad (Nkom)		
	<b>12:30-12:40 - 2.5.5</b> <b>Time offset 15 minutes from real time. Galileo E1</b> Power: 0.0316W Contact: Jørn Skorstad (Nkom)		
	<b>12:50-13:00 - 0.3.1</b> <b>Ad hoc test</b> Power: 0.316W Comment: Jamming of L1, G1, BII from S (the spoofing system) Contact: Jørn Skorstad (Nkom)		
13:00	<b>13:00-14:00 - 0.1.1</b> <b>Grace period</b> Comment: Lunch Contact: Christian Skjetne (NPRA)		
14:00	<b>14:00-14:30 - 0.0.2</b> <b>Mandatory afternoon (de)briefing</b> Comment: Summary briefing and closing of event Contact: Christian Skjetne (NPRA)		
15:00			
16:00			
17:00			

Continued on next page

Table 5.1: Friday (Continued)

Friday			
2025-09-19	Test Area 1(1)	Test Area 2(2)	Test Area 3(3)
18:00			
19:00			
20:00			
21:00			
22:00			