

## Specification

<b>Product</b>	GNSS Multi-Frequency Record Playback System																						
<b>Specification</b>	<p>GNSS Multi-Frequency Record Playback System should satisfy the following function and performance specifications</p> <p>○ Functions</p> <table border="1"> <tr> <td><b>Record</b></td><td>- GPS L1 C/A, L5, GLONASS L1, Galileo E1b, E5a signals should be recorded</td></tr> <tr> <td><b>Playback</b></td><td>- GPS L1 C/A, L5, GLONASS L1, Galileo E1b, E5a signals should be played simultaneously</td></tr> <tr> <td><b>Expandability</b></td><td>- Storage can be expandable</td></tr> <tr> <td><b>Operation</b></td><td>- It should be operated either by external trigger or by script</td></tr> <tr> <td><b>Signal power</b></td><td>- Each signal power should be controlled</td></tr> <tr> <td><b>Input</b></td><td>- Ant. In, 10MHz In, Ports for Sync., trigger</td></tr> <tr> <td><b>Output</b></td><td>- RF Out, 10MHz Out, Ports for Sync., trigger</td></tr> <tr> <td><b>Scenario</b></td><td>- Various scenarios should be recorded so as to test dynamic performance of GNSS receiver</td></tr> </table> <p>○ Performances</p> <table border="1"> <tr> <td><b>Bandwidth</b></td><td>- Minimum 30MHz for each frequency bands</td></tr> <tr> <td><b>Rec. and Playback Time</b></td><td>- Over 10 Hours continuously(3bands simultaneously)</td></tr> <tr> <td><b>Storage</b></td><td>- 1TB and additional external storage(1TB)</td></tr> </table>	<b>Record</b>	- GPS L1 C/A, L5, GLONASS L1, Galileo E1b, E5a signals should be recorded	<b>Playback</b>	- GPS L1 C/A, L5, GLONASS L1, Galileo E1b, E5a signals should be played simultaneously	<b>Expandability</b>	- Storage can be expandable	<b>Operation</b>	- It should be operated either by external trigger or by script	<b>Signal power</b>	- Each signal power should be controlled	<b>Input</b>	- Ant. In, 10MHz In, Ports for Sync., trigger	<b>Output</b>	- RF Out, 10MHz Out, Ports for Sync., trigger	<b>Scenario</b>	- Various scenarios should be recorded so as to test dynamic performance of GNSS receiver	<b>Bandwidth</b>	- Minimum 30MHz for each frequency bands	<b>Rec. and Playback Time</b>	- Over 10 Hours continuously(3bands simultaneously)	<b>Storage</b>	- 1TB and additional external storage(1TB)
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