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1 Grid table examples

Use cases	Characteristic parameter (KPI)			Influence quantity			Remarks
	Service	Max bit rate: user-experienced data rate	Reliability	Message size (byte)	UE Speed	Service Area	
Immersive multi-modal VR (UL: device → application server)	5 ms (note 2)	16 Kbit/s -2 Mbit/s (with-out haptic compression encoding) 0.8 - 200 Kbit/s (with haptic encoding)	99.9% (with-out haptic compression encoding) 99.999% (with haptic encoding)	1 DoF:2-8 3 DoFs:6-24 6 DoFs:12-48 More DoFs can be supported by the haptic device	Stationary or pedestrian	typically < 100 Km2	Haptic feedback

Use cases	Characteristic parameter (KPI)			Influence quantity			Remarks
	Max al- lowed end-to- end- la- tency	bit rate: user- experi- enced data rate	Reliability	Message size (byte)	UE Speed	Service Area	
	5 ms	< 1 Mbit/s	99.99% [40]	1500			Sensing infor- ma- tion e.g. po- sition and view infor- ma- tion gener- ated by the VR glasses
Immersive multi- modal VR (DL: appli- cation server → device)	10 ms (note 1) 10 ms 5 ms	1-100 Mbit/s 5-512 Mbit/s 16 Kbit/s- 2 Mbit/s (with- out haptic)	99.9% [40] 99.9% [40] 99.9% (with haptic com- pres- sion)	1500 50 1 DoF:2- 8 3 DoFs:6- 24 6 DoFs:12- 48 6 DoFs:12- 48	Stationary or pedestrian	typically < 100 Km2 (note 5)	Video Audio Haptic feed- back

Name	DedicatedBearerCnf	
Port	IPCANctl	
Comment	ASP type which returns the result of the execution of	
Parameter	DedicatedBearerReq, when it is ocmpleted	
Name	Parameter Type	Comment
status	Status	

Antenna HAAT (meters/feet)	ERP (watts) Emission BW ≤ 1 MHz		ERP (watts/MHz) Emission BW > 1 MHz	
	Non-rural areas	Rural areas*	Non-rural areas	Rural areas*
Higher than 1372 (4500)	65	130	65	130
1220 (4000) to 1372(4500)	70	140	70	140
1067 (3500) to 1220 (4000)	75	150	75	150
915 (3000) to 1067(3500)	100	200	100	200
763 (2500) to 915 (3000)	140	280	140	280
610 (2000) to 763 (2500)	200	400	200	400
458 (1500) to 610 (2000)	350	700	350	700
305 (1000) to 458 (1500)	600	1200	600	1200
Up to 305 (1000)	1000	2000	1000	2000
Note:* with population density of 100 or fewer persons per square mile				

2 Pipe table examples

3 History

Document history		
V0.0.0	2024-05-12	First examples