

## Overview of frequency assignments after auction #27 (Radiolinjeauksjonen)

### Contents – Frequency bands



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## Low 10 GHz

Lower duplex range		Frequency							10150
		10000	10004	10032	10060	10088	10116	10144	
Lower duplex range	Assignments	A1	A2	A3	A4	A5	A6	A7	
	Result	Unsold	ICE			Telia			

Upper duplex range		Frequency							10500
		10322	10350	10354	10382	10410	10438	10466	
Upper duplex range	Assignments	A8 ( <i>unpaired</i> )	A1	A2	A3	A4	A5	A6	A7
	Result	Unsold	Unsold	ICE			Telia		



 Blocks offered in the award A1-A8  
 Unsold

## High 10 GHz

Lower duplex range	Frequency	10150	10154	10182	10210	10238	10266	10294	10322	
	Assignments	B1	B2	B3	B4	B5	B6	B7		
	Result	Telia				Funn	Unsold		GlobalConnect	

Upper duplex range	Frequency	10500	10504	10532	10560	10588	10616	10644	10672	
	Assignments	B1	B2	B3	B4	B5	B6	B7		
	Result	Telia				Funn	Unsold		GlobalConnect	

 Blocks offered in the award B1-B7  
 Unsold

### 13 GHz

Lower duplex  
range


Frequency  
Assignments  
Result

12751	12779	12793	12800	12891	12919	12947	12975
C1	C2	DSB	Nkom	C3	C4	C5	
Telenor		DSB	Nkom	Telenor			

Upper duplex  
range

Frequency  
Assignments  
Result

13017	13045	13059	13066	13157	13185	13213	
C1	C2	DSB	Nkom	C3	C4	C5	
Telenor		DSB	Nkom	Telenor			



 Blocks offered in the award C1-C5



## 18 GHz

Lower duplex range	Frequency	17706,9	17713,8	17727,5	17782,5	17837,5	17892,5	17947,5	18002,5	18057,5	18112,5	18167,5	18181,3	18222,5	18277,5	18305	18318,8	18332,5	18346,3	18373,8	18662,5
	Assignments	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	Bane NOR	Nkom						
	Result	Telenor									Unsold			Bane NOR	Nkom						


Upper duplex range	Frequency	18716,9	18723,8	18737,5	18792,5	18847,5	18902,5	18957,5	19012,5	19067,5	19122,5	19177,5	19191,3	19232,5	19287,5	19315	19328,8	19342,5	19356,3	19383,8	19672,5
	Assignments	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	Bane NOR	Nkom						
	Result	Telenor									Unsold			Bane NOR	Nkom						

 Blocks offered in the award D1-D12  
 Unsold



## 23 GHz

		Lower duplex range															Upper duplex range																						
		Frequency															Frequency																						
Lower duplex range	Frequency	22008	22036	22064	22092	22120	22148	22176	22204	22232	22260	22288	22316	22344	22372	22400	22428	22456	22484	22512	22519	22526	22533	22561															
	Assignments	DSB	Bane NOR	E1	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11	Nkom			E12	E13	E14	Telia	E15																	
	Result	DSB	Bane NOR	Telia							Telenor				Nkom			GlobalConnect			Telia	Telenor																	
Upper duplex range	Frequency	23016	23044	23072	23100	23128	23156	23184	23212	23240	23268	23296	23324	23352	23380	23408	23436	23464	23492	23520	23527	23534	23541	23569															
	Assignments	DSB	Bane NOR	E1	E2	E3	E4	E5	E6	E7	E8	E9	E10	E11	Nkom			E12	E13	E14	Telia	E15																	
	Result	DSB	Bane NOR	Telia							Telenor				Nkom			GlobalConnect			Telia	Telenor																	

 Blocks offered in the award E1-E15



## 28 GHz

Lower duplex  
range

Frequency  
Assignments  
Result

27548,5	27604,5	27660,5	27716,5	27772,5	27828,5	27884,5	27940,5	27996,5	28052,5	28108,5	28164,5	28220,5	28276,5	28332,5		28388,5	28444,5
Nkom							Telia			Nkom	F1	F2					
Nkom							Telia			Nkom	Telenor						

Upper duplex  
range

Frequency  
Assignments  
Result

28556,5	28612,5	28668,5	28724,5	28780,5	28836,5	28892,5	28948,5	29004,5	29060,5	29116,5	29172,5	29228,5	29284,5	29340,5		29396,5	29451,5
Nkom							Telia			Nkom	F1	F2					
Nkom							Telia			Nkom	Telenor						



Blocks offered in the award F1-F2



### 32 GHz

Lower duplex range	Frequency	31815,0	31871,0	31927,0	31983,0	32039,0	32095,0	32151,0	32207,0	32263,0	32319,0	32375,0	32431,0	32487,0	32543,0	32571,0
	Assignments	Nkom	Telia	G1	G2	G3	G4	G5	G6	G7						
	Result	Nkom	Telia	Telenor												

Upper duplex range	Frequency	32627,0	32683,0	32739,0	32795,0	32851,0	32907,0	32963,0	33019,0	33075,0	33131,0	33187,0	33243,0	33299,0	33355,0	33383,0
	Assignments	Nkom	Telia	G1	G2	G3	G4	G5	G6	G7						
	Result	Nkom	Telia	Telenor												



 Blocks offered in the award G1-G7  
 Unsold





## 38 GHz

		37058	37114	37170	37226	37282	37338	37394	37450	37506	37562	37618	37674	37730	37786	37842	37898	37954	38010	38066	38122	38178	
Lower duplex	Frequency																						
	Assignments	H1	H2	Telenor	H3	H4	H5	H6	H7	Nkom			H8	H9	GlobalConnect		Telia						
	Result	Telenor						GlobalConnect		Nkom			ICE		GlobalConnect		Telia						
		38318	38374	38430	38486	38542	38598	38654	38710	38766	38822	38878	38934	38990	39046	39102	39158	39214	39270	39326	39382	39438	
Upper duplex	Frequency																						
	Assignments	H1	H2	Telenor	H3	H4	H5	H6	H7	Nkom			H8	H9	GlobalConnect		Telia						
	Result	Telenor						GlobalConnect		Nkom			ICE		GlobalConnect		Telia						

 Blocks offered in the award H1-H9  
 Unsold

## Contact information

The winners of spectrum in auction #27 have provided the following contacts, for questions regarding frequency use during the transition period:

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