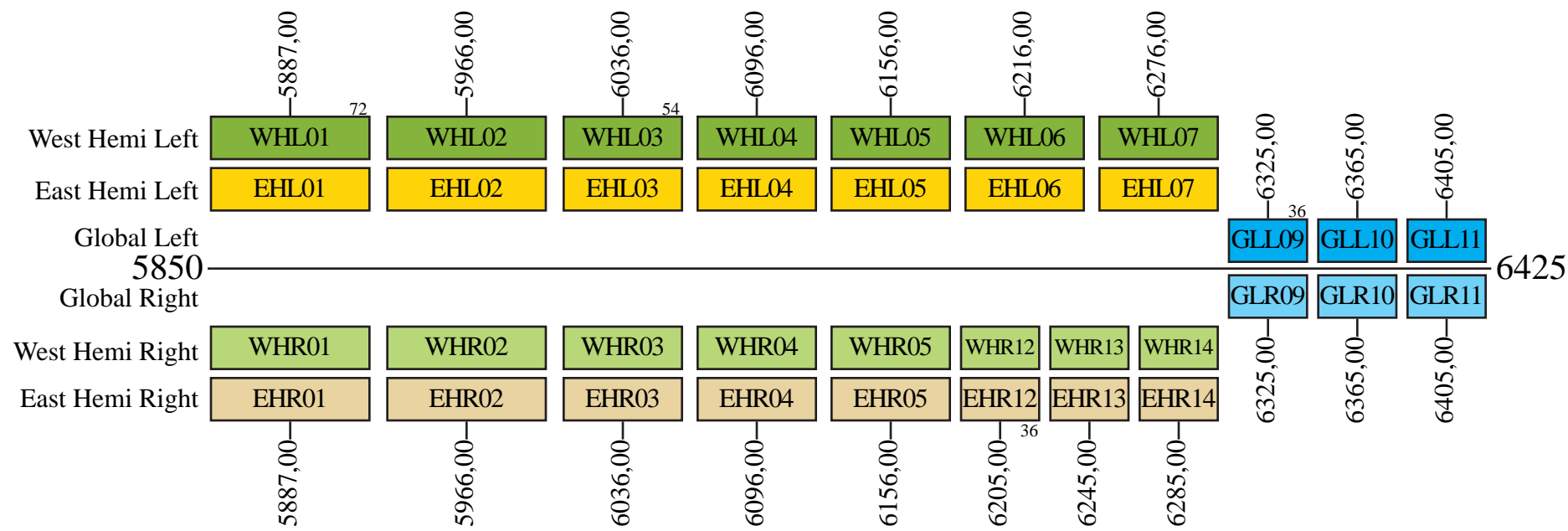


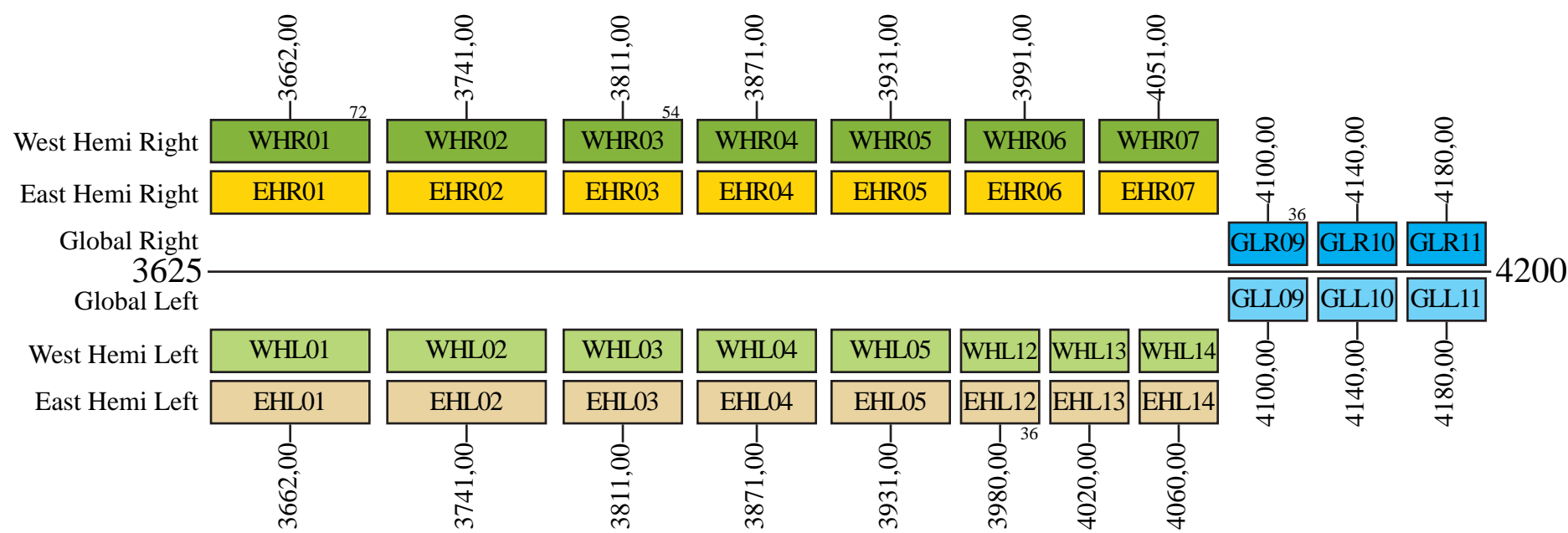
SES-4

Frequency Plan C-Band

Uplink



Downlink

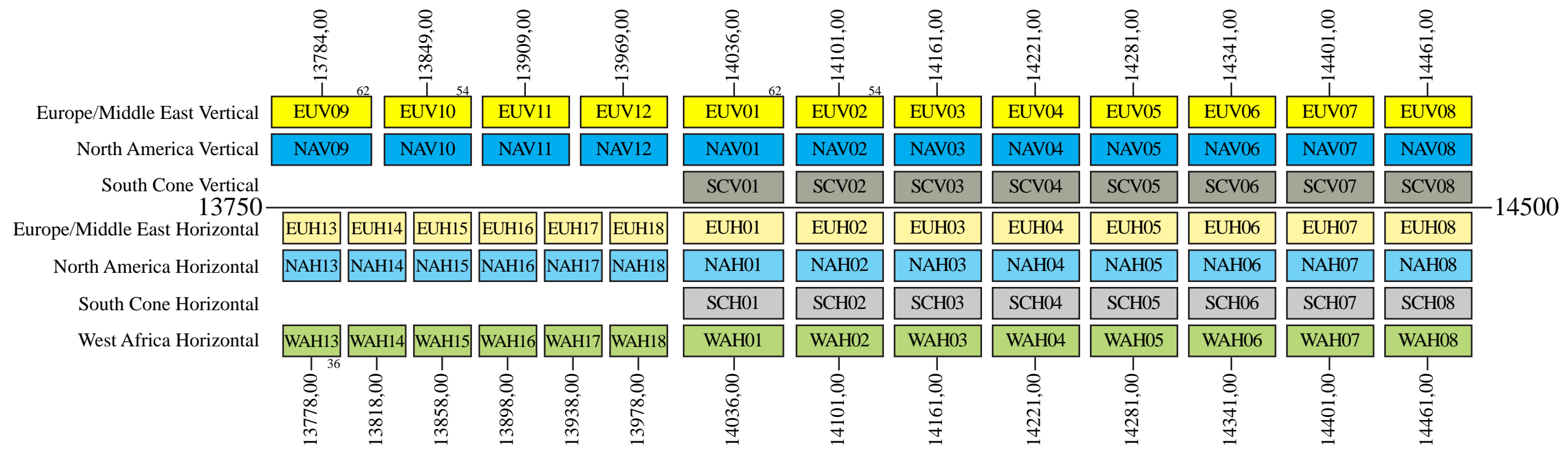


Command 1: 14496,00 R
 Command 2: 14499,00 R
 Telemetry/Beacon 1: 11451,00 R
 Telemetry/Beacon 2: 11454,00 R
 Telemetry/Beacon 3: 12500,50 L
 Telemetry/Beacon 4: 12502,00 L
 Beacon 5: 4199,50 V

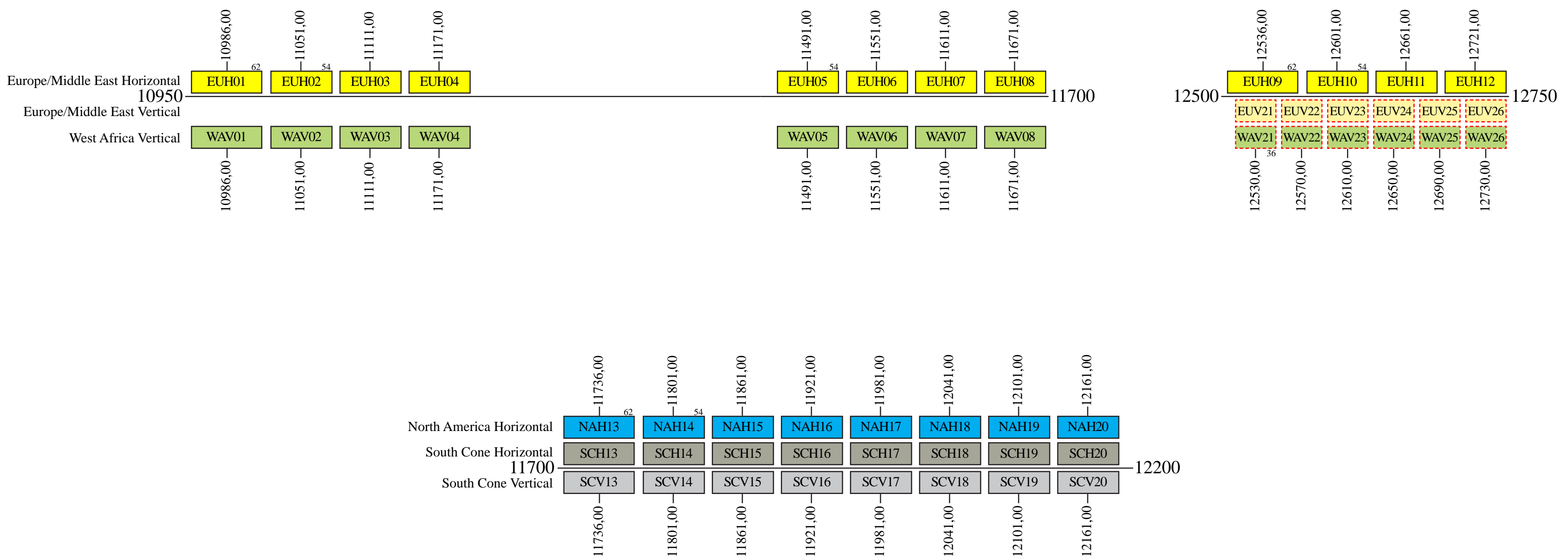
SES-4

Frequency Plan Ku-Band

Uplink



Downlink



Interconnections			
Transponder Uplink	Beam Uplink	Transponder Downlink	Beam Downlink
EHL01 to EHL07	East Hemi	EHR01 to EHR07	East Hemi
EHL01 to EHL07	East Hemi	WHR01 to WHR07	West Hemi
EHL03 to EHL05	East Hemi	EUH02 to EUH04	Europe/Middle East
EHR01 to EHR05	East Hemi	EHL01 to EHL07	East Hemi
EHR01 to EHR05	East Hemi	WHL01 to WHL07	West Hemi
EHR03 to EHR05	East Hemi	WAV02 to WAV04	West Africa
EHR12 to EHR14	East Hemi	EHL12 to EHL14	East Hemi
EHR12 to EHR14	East Hemi	WHL12 to WHL14	West Hemi
WHL01 to WHL07	West Hemi	EHR01 to EHR07	East Hemi
WHL01 to WHL07	West Hemi	WHR01 to WHR07	West Hemi
WHL03 to WHL05	West Hemi	EUH02 to EUH04	Europe/Middle East
WHR01 to WHR05	West Hemi	EHL01 to EHL07	East Hemi
WHR01 to WHR05	West Hemi	WHL01 to WHL07	West Hemi
WHR03 to WHR05	West Hemi	WAV02 to WAV04	West Africa
WHR12 to WHR14	West Hemi	EHL12 to EHL14	East Hemi
WHR12 to WHR14	West Hemi	WHL12 to WHL14	West Hemi
GLL09 to GLL11	Global	GLR09 to GLR11	Global
GLR09 to GLR11	Global	GLL09 to GLL11	Global
EUV01 to EUV04	Europe/Middle East	EUH01 to EUH04	Europe/Middle East
WAH01 to WAH04	West Africa		
EHL03 to EHL05	East Hemi	EUH02 to EUH04	Europe/Middle East
WHL03 to WHL05	West Hemi		
EUV05 to EUV08	Europe/Middle East	EUH05 to EUH08	Europe/Middle East
NAV05 to NAV08	North America		
WAH05 to WAH08	West Africa		
EUH01 to EUH04	Europe/Middle East	EUH09 to EUH12	Europe/Middle East
EUV09 to EUV12	Europe/Middle East		
NAV09 to NAV12	Europe/Middle East		
EUH13 to EUH18	Europe/Middle East	EUV21 to EUV26	Europe/Middle East
WAH13 to WAH18	West Africa		
NAH13 to NAH18	North America		
EUH01 to EUH08	Europe/Middle East	NAH13 to NAH20	North America
EUV01 to EUV08	Europe/Middle East		
NAV01 to NAV08	North America		
SCV01 to SCV08	South Cone		
WAH01 to WAH08	West Africa		
NAH01 to NAH08	North America	SCV13 to SCV20	South Cone
SCH01 to SCH08	South Cone		
SCV01 to SCV08	South Cone	SCH13 to SCH20	South Cone
EUH01 to EUH04	Europe/Middle East	WAV01 to WAV04	West Africa
WAH01 to WAH04	West Africa		
EHR03 to EHR05	East Hemi	WAV02 to WAV04	West Africa
WHR03 to WHR05	West Hemi		
EUV05 to EUV08	Europe/Middle East	WAV05 to WAV08	West Africa
EUH05 to EUH08	Europe/Middle East		
NAV05 to NAV08	North America		
WAH05 to WAH08	West Africa		
EUH13 to EUH18	Europe/Middle East	WAV21 to WAV26	West Africa
NAH13 to NAH18	North America		
WAH13 to WAH18	West Africa		