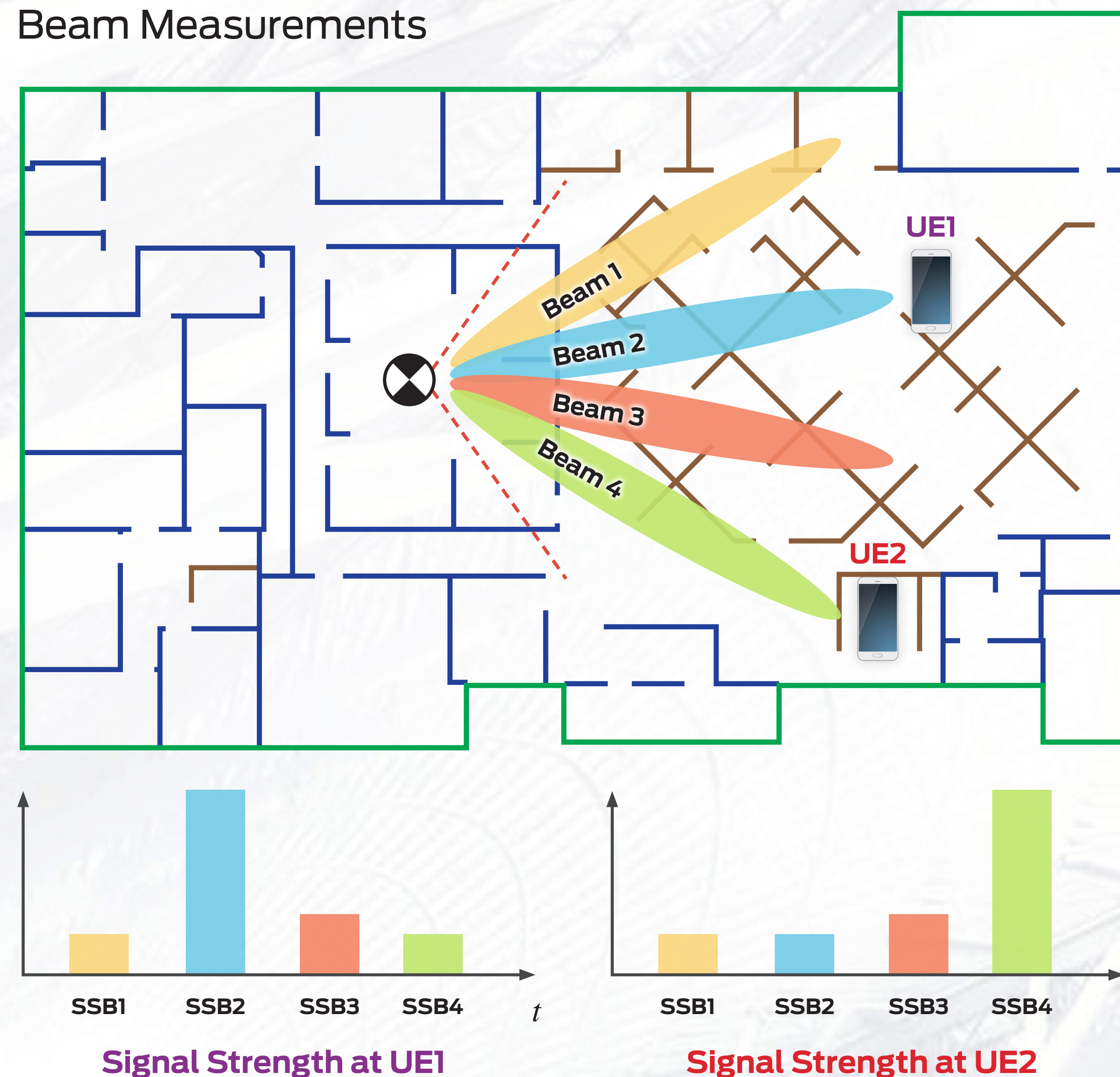
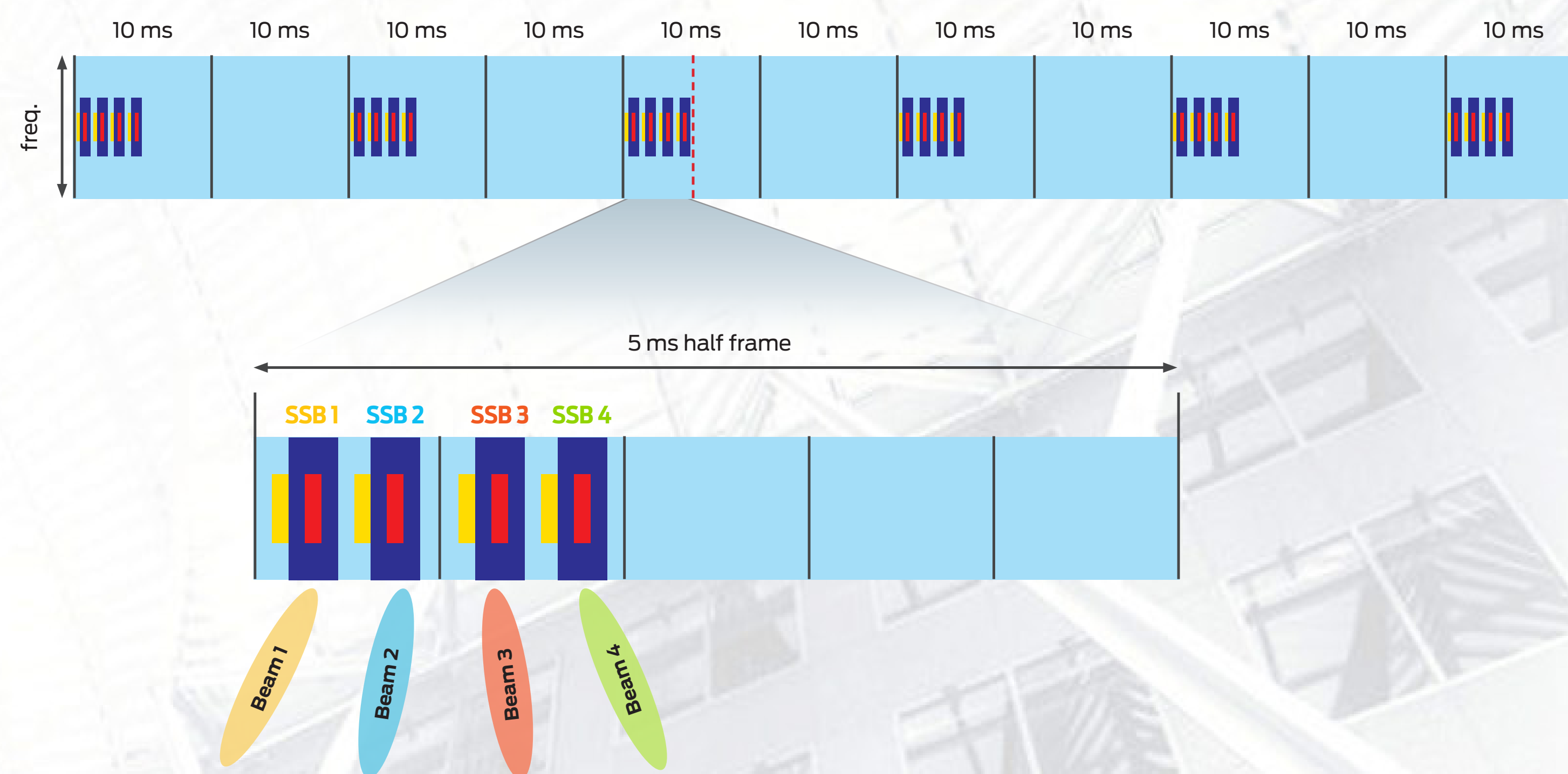


Beam Measurements

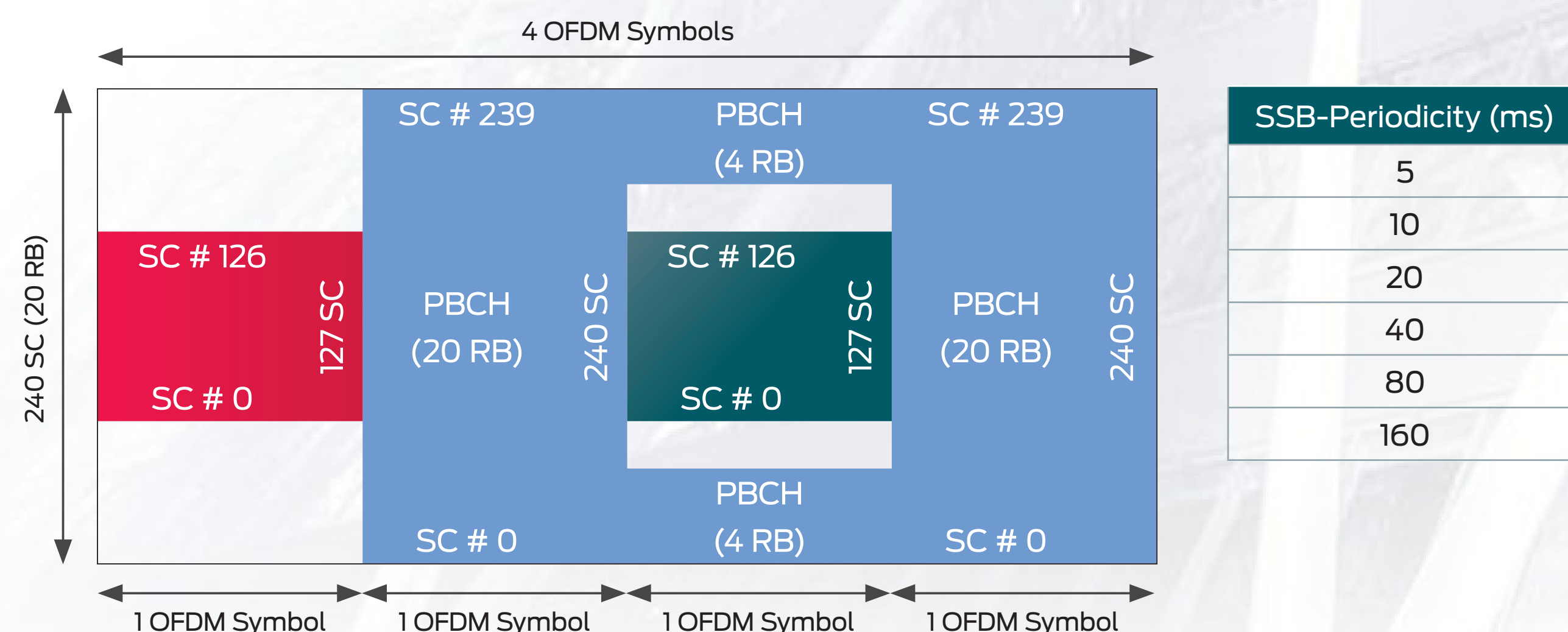


SSB Pattern



SSB Configuration				
Case	SCS (KHz)	fc < 3 GHz (Lmax = 4)	3 GHz < fc < 6 GHz (Lmax = 8)	fc > 6 GHz (Lmax = 64)
		OFDM Symbols for SSB		
Case A	15	2, 8, 16, 22	2, 8, 16, 22, 30, 38, 44, 50	N/A
Case B	30	4, 5, 16, 20	4, 8, 16, 20, 32, 36, 44, 48	N/A
Case C	30	2, 8, 16, 22	2, 8, 16, 22, 30, 38, 44, 50	N/A
Case D	120	N/A	N/A	4, 8, 16, 20,...,512, 520, 524
Case E	240	N/A	N/A	8, 12, 16, 20,..., 484, 488, 492

SS/PBCH Block



Resources in SS/PBCH Block		
	OFDM Symbol Number	Subcarrier Number
PSS	0	56, 57, 58, ..., 182
SSS	2	56, 57, 58, ..., 182
Set to 0	0	0, 1, 2, 3, ..., 55 183, 184, 185, ..., 236
	2	48, 49, ..., 55 183, 184, ..., 191
PBCH	1, 3	0, 1, 2, 3, ..., 239
	2	192, 193, ..., 239
DM-RS for PBCH	1, 3	0+v, 4+v, 8+v, ..., 236+v
	2	0+v, 4+v, 8+v, ..., 44+v 192+v, 196+v, ..., 236+v

$$v = N_{cellID} \bmod 4$$