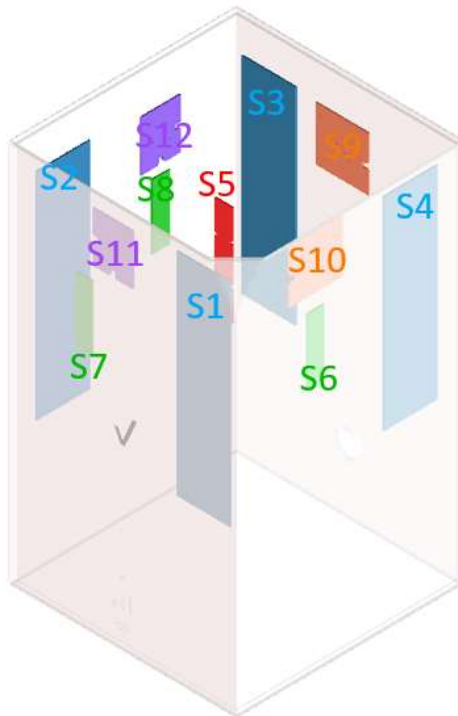


FCC ID: NKR-LV65C-T3

- **Antenna information**
 - Cellular RF Connector/Antenna port mapping

SW/Layout	ANT1	ANT2	ANT3	ANT4	ANT5	ANT6	ANT7	ANT8
MD/Ant name	S4	S2	S3	S1	S5	S8	S6	S7



S1 – S4: LTE/NR B13/B5/n5/B2/n2/B66/n66/B48/n48/n77

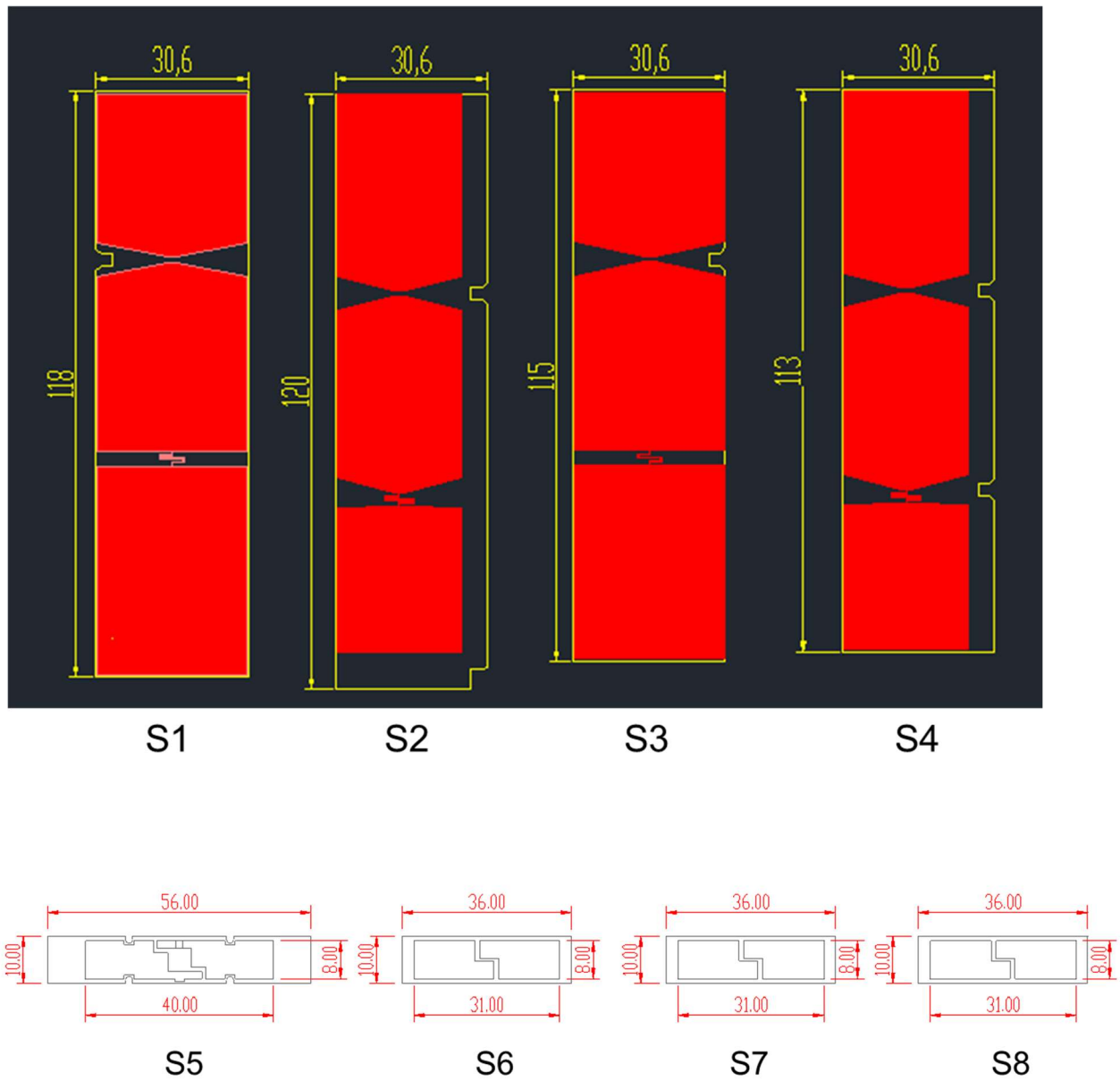
S5: LTE/NR B2/n2/B66/n66/B48/n48/n77

S6 – S8: LTE/NR B48/n48/n77

		ANT1	ANT2	ANT3	ANT4	ANT5	ANT6	ANT7	ANT8
LTE only or SA FR1 only	Low-Band(LB)								
	B5/n5	TX0/RX0	RX3	RX2	RX1				
	B13	TX0/RX0	RX1	RX2	RX3				
	Mid-Band(MB)								
	B2/n2		TX0/RX0	RX2	RX3	RX1			
	B66/n66		TX0/RX0	RX2	RX3	RX1			
	C-Band(CB)								
	B48/n48	TX0/RX0	RX3	RX2	RX1				
	n77	TX0/RX0	TX1/RX3	RX2	RX1	RX4	RX6	RX7	RX5

		ANT1	ANT2	ANT3	ANT4	ANT5	ANT6	ANT7	ANT8
NSA ENDC Mode Syntax(LTE+FR1) Example (LB+MB): LTE B5+FR1 n66	B5+MB								
	LTE(B5)	TX0	RX3	RX2	RX1				
	NR(MB)		TX0	RX2	RX3	RX1			
	B13+MB								
	LTE(B13)	TX0	RX1	RX2	RX3				
	NR(MB)		TX0	RX2	RX3	RX1			
	MB+LB								
	LTE(MB)		TX0	RX2	RX3	RX1			
	NR(LB)	TX0	RX3	RX2	RX1				
	MB+MB								
	LTE(MB)		TX0	RX2	RX3	RX1			
	NR(MB)	TX0	RX1	RX3	RX2				
	B5 (4x4) + CB								
	LTE(B5)	TX0	RX3	RX2	RX1				
	NR(CB)	RX3	TX0	RX1	RX2				
	B5 (2x2) + CB								
	LTE(B5)	RX1	TX0						
	NR(CB)	TX0	RX3	RX2	RX1				
	B13 + CB								
	LTE(B13)	TX0	RX1	RX2	RX3				
	NR(CB)	RX3	TX0	RX1	RX2				
	MB+CB								
	LTE(MB)		TX0	RX2	RX3	RX1			
	NR(CB)	TX0	RX3	RX2	RX1				
	CB+LB								
	LTE(CB)	RX3	TX0	RX1	RX2				
	NR(LB)	TX0	RX3	RX2	RX1				

- **Dimension (mm):**



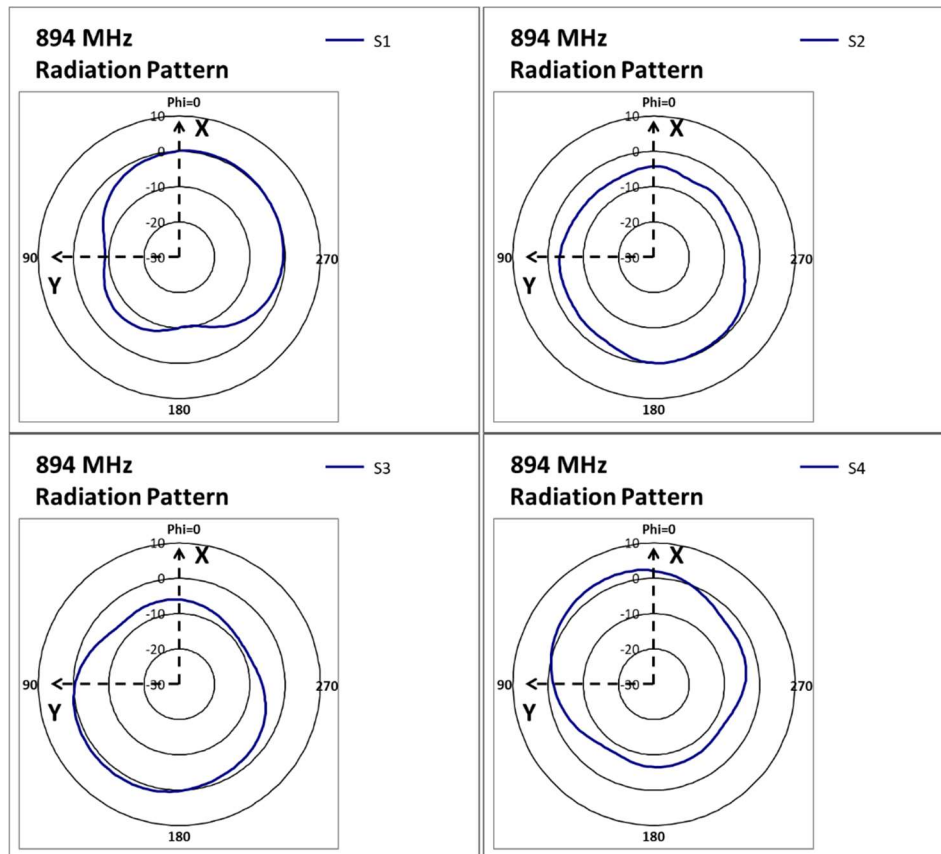
- **Antenna gain**

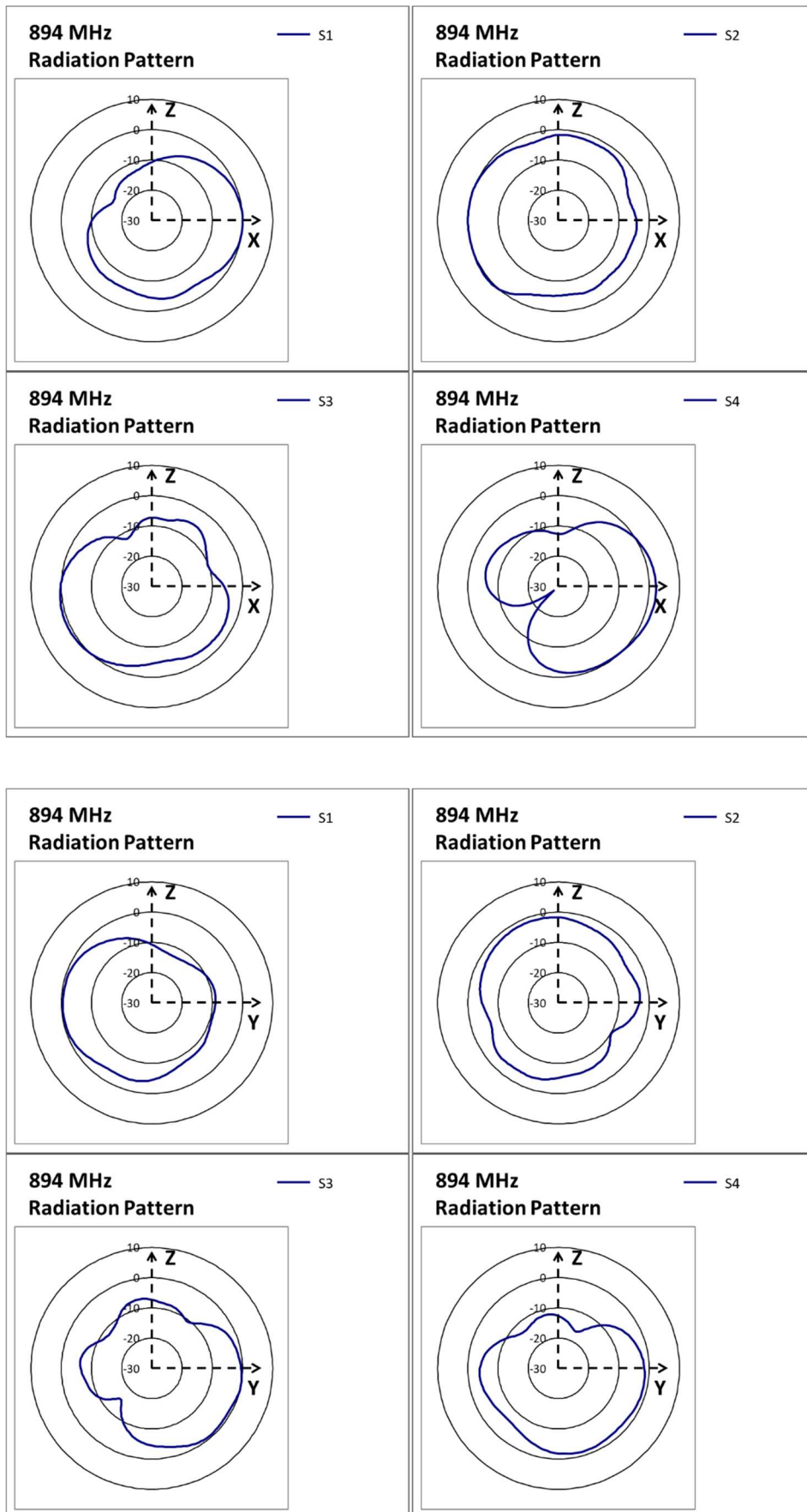
Frequncy (MHz)	746~787	824~894	1710~2170	3300~4200
Application Band	B13	B5/n5	B2/n2 B66/n66	B48/n48 n77
Antenna gain (dBi)				
S2	3.43	3.27	3.54	0.48
S4	2.81	3.33	3.82	0.45

- Antenna pattern

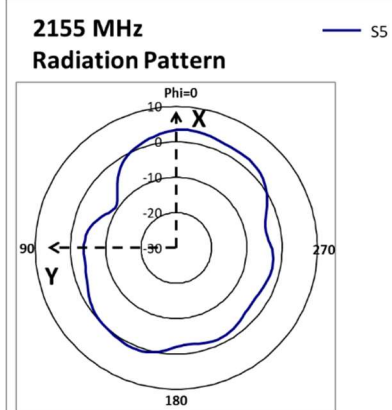
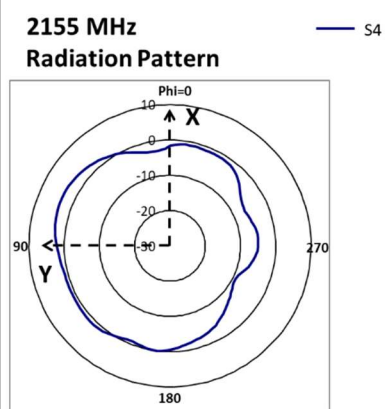
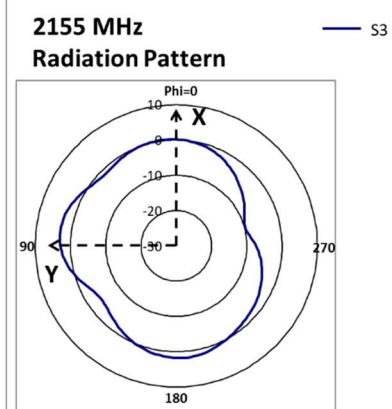
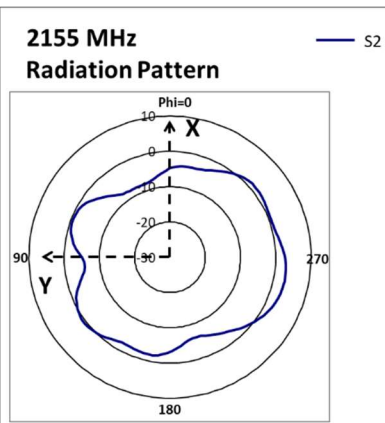
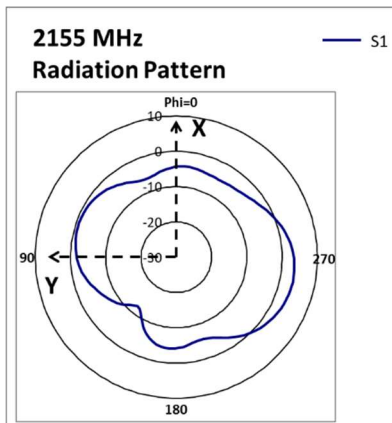
(Unit: dBi)

894 MHz



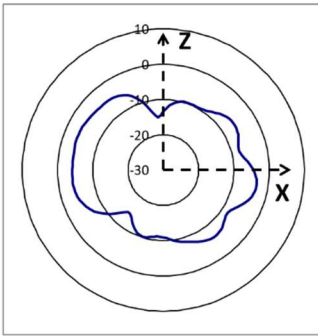


2155 MHz



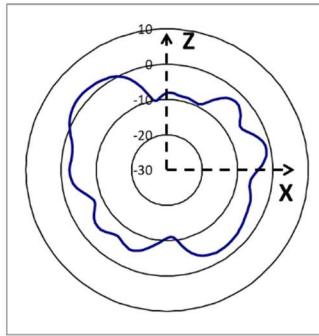
**2155 MHz
Radiation Pattern**

— S1



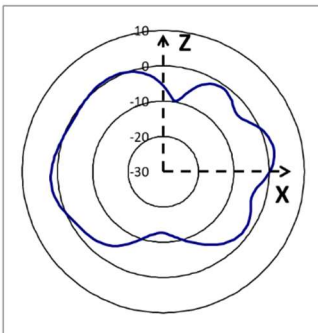
**2155 MHz
Radiation Pattern**

— S2



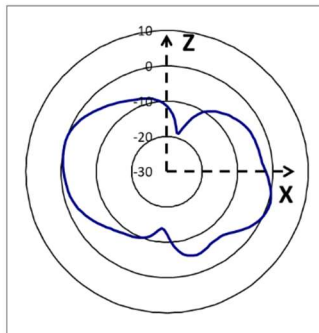
**2155 MHz
Radiation Pattern**

— S3



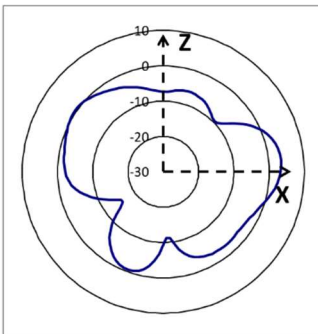
**2155 MHz
Radiation Pattern**

— S4



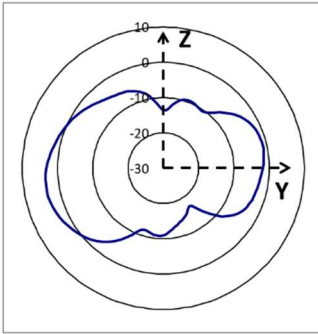
**2155 MHz
Radiation Pattern**

— S5



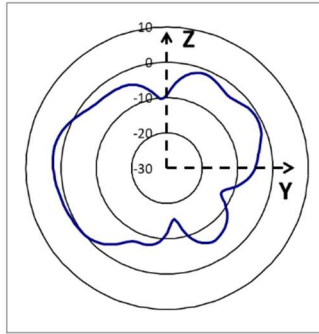
**2155 MHz
Radiation Pattern**

— S1



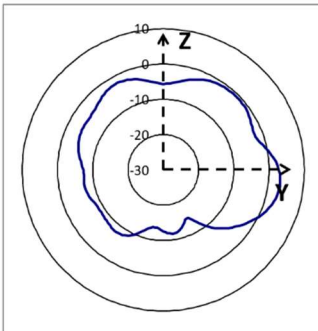
**2155 MHz
Radiation Pattern**

— S2



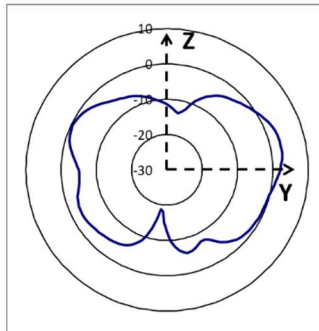
**2155 MHz
Radiation Pattern**

— S3



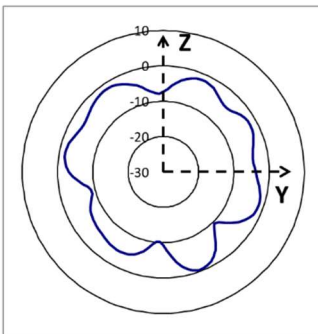
**2155 MHz
Radiation Pattern**

— S4



**2155 MHz
Radiation Pattern**

— S5



3700 MHz

