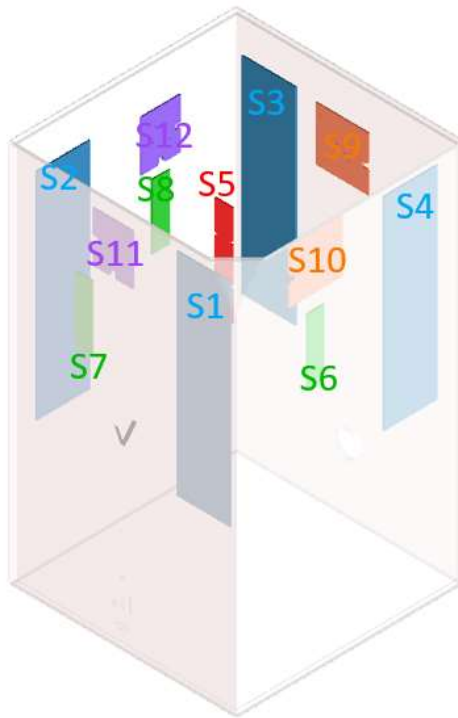


FCC ID: NKR-LV65C-T3

- **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

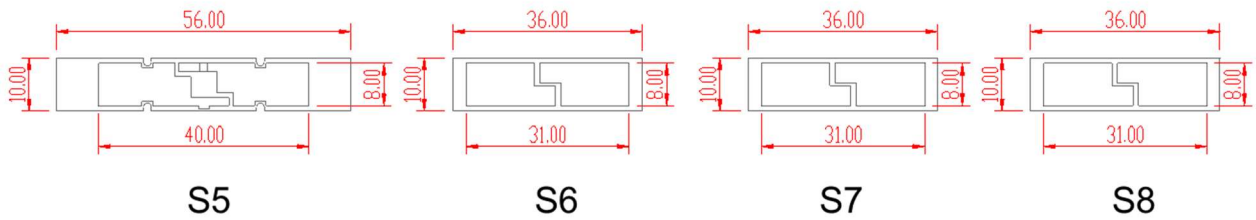
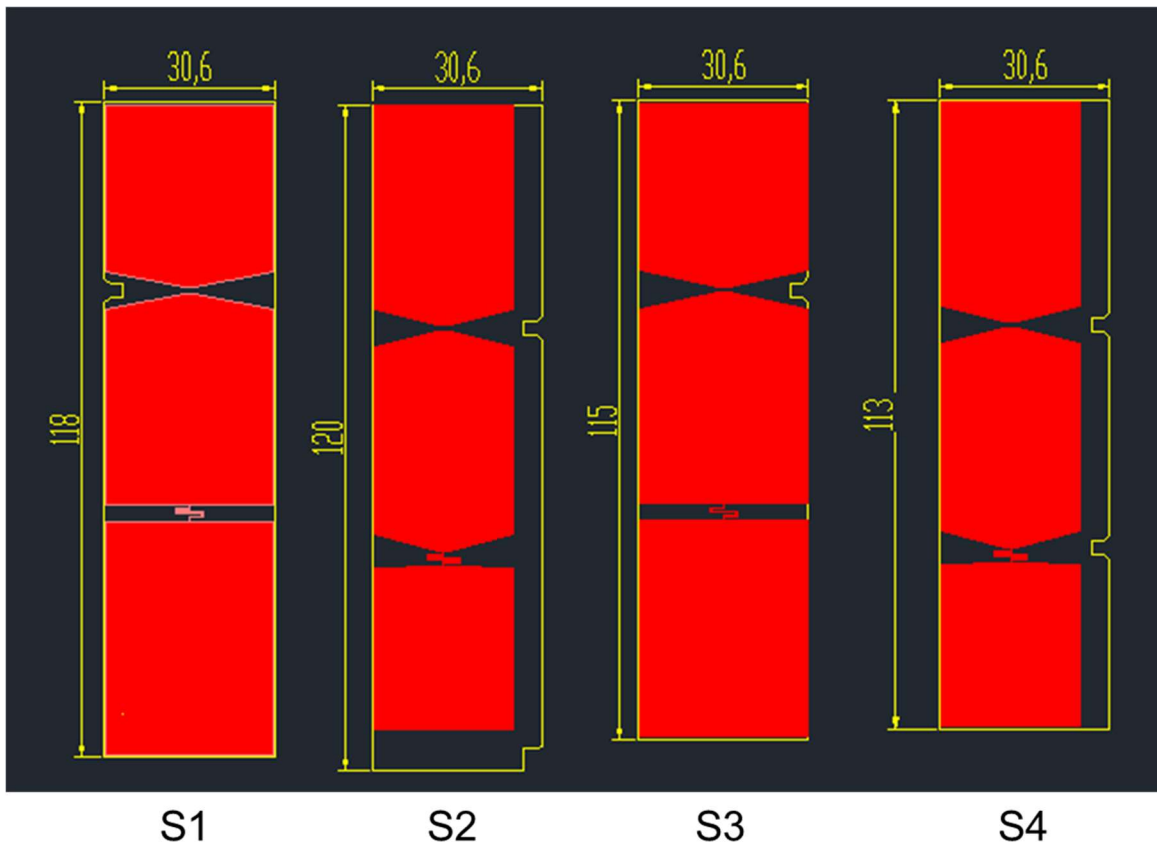
S5: LTE/NR B2/n2/B66/n66/B48/n48/n77

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):**



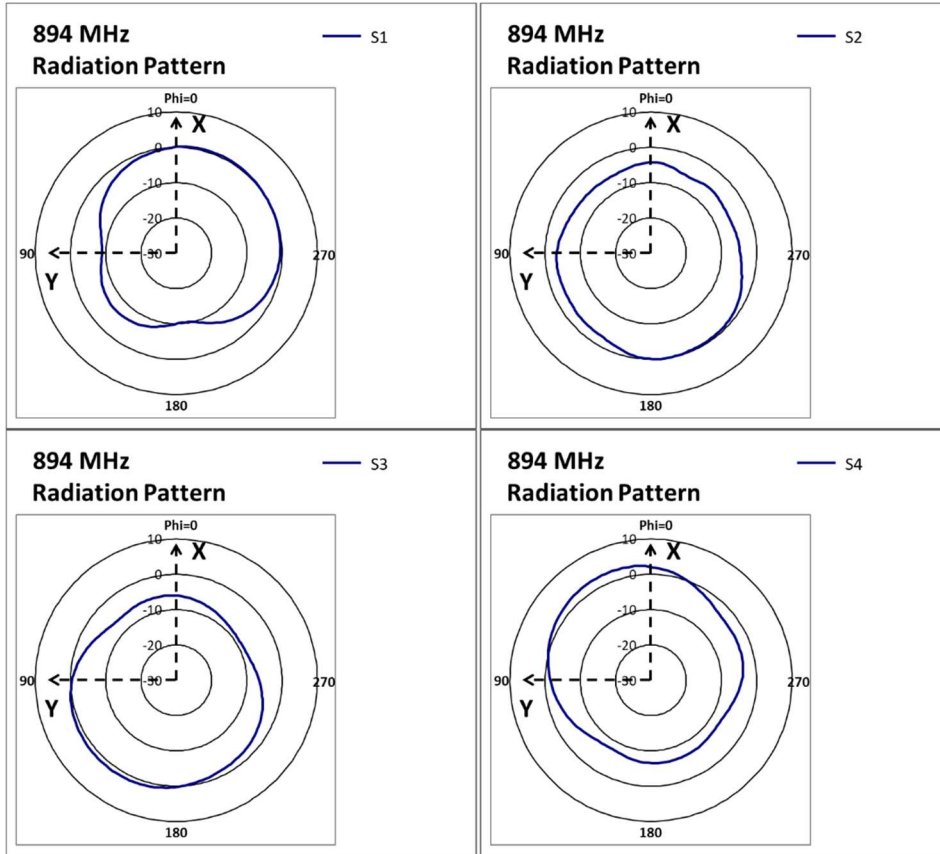
- **Antenna gain**

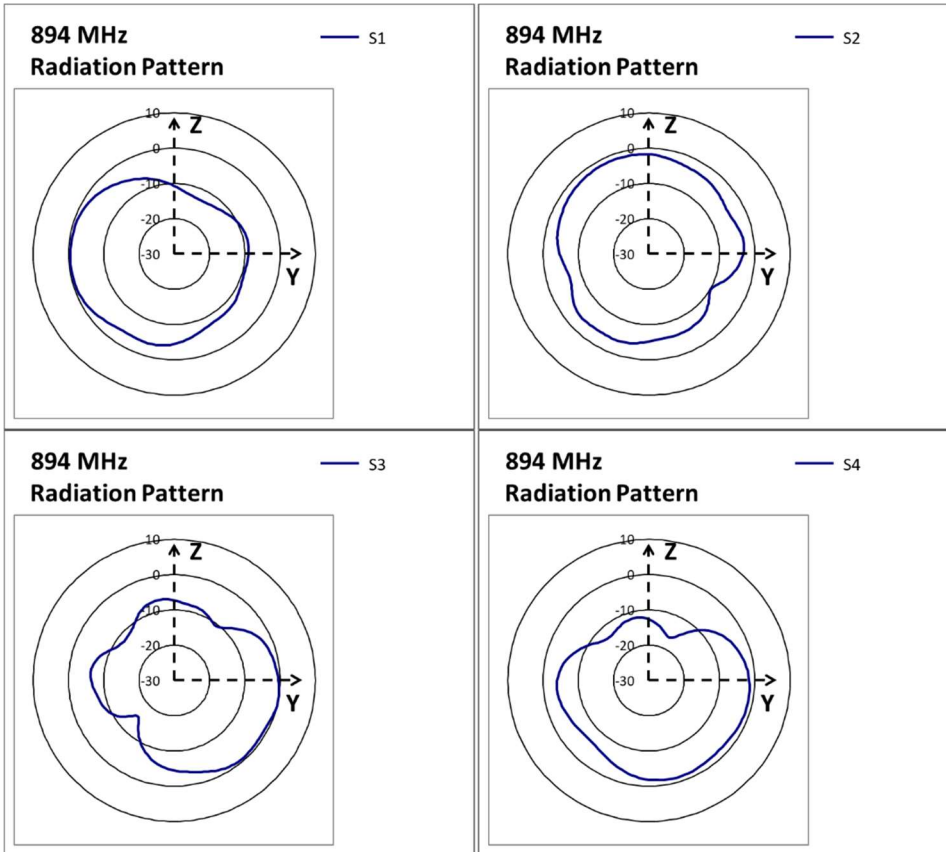
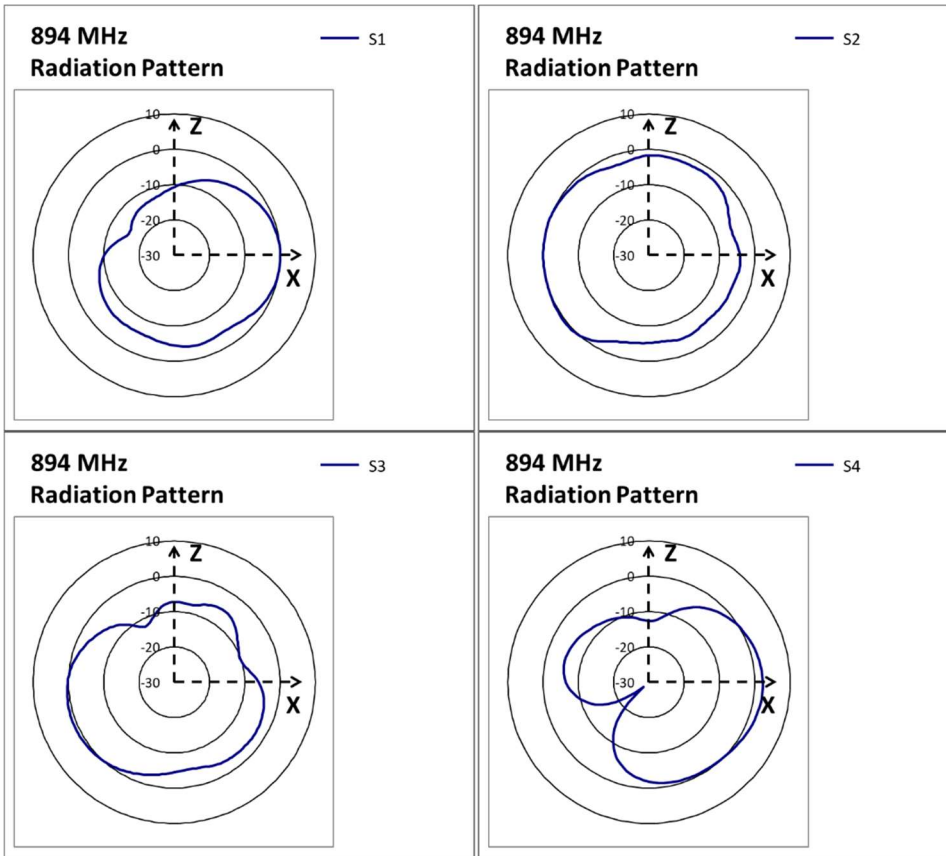
Frequency (MHz)	746~787	824~894	1710~2170	3300~4200
Application Band	B13	B5/n5	B2/n2 B66/n66	B48/n48 n77
Antenna gain (dBi)				
S2	3.43	3.27	3.54	0.48
S4	2.81	3.33	3.82	0.45

- Antenna pattern

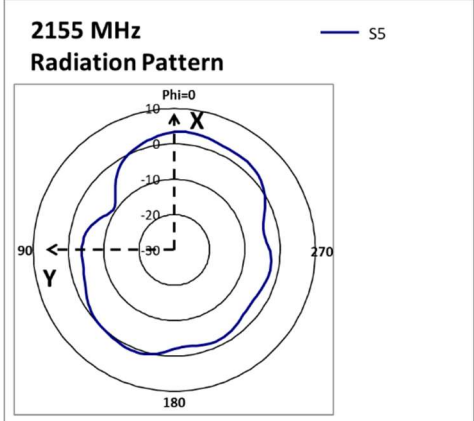
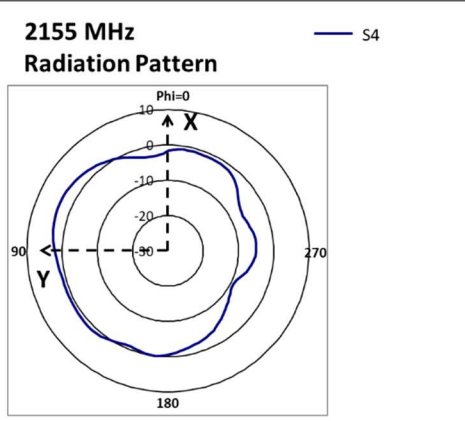
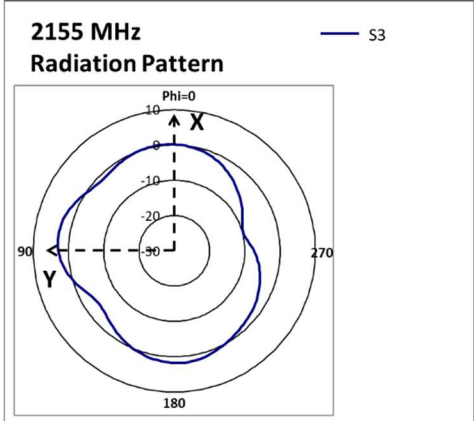
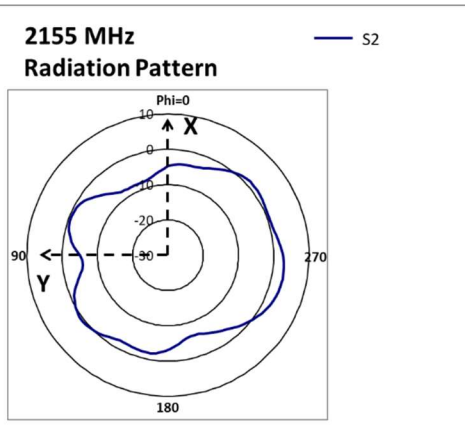
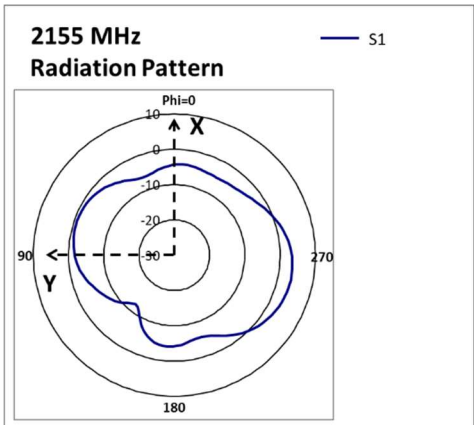
(Unit: dBi)

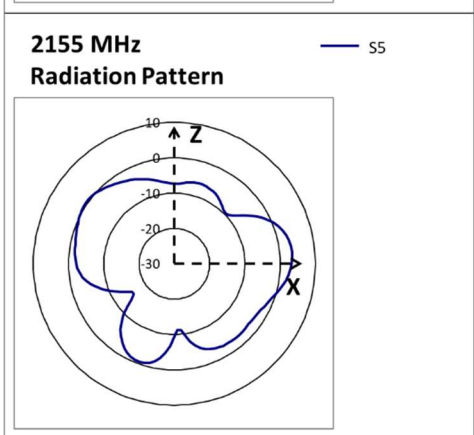
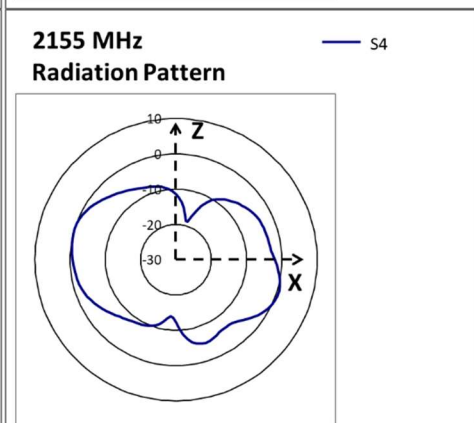
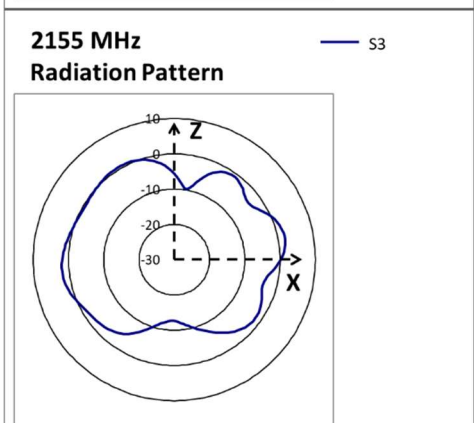
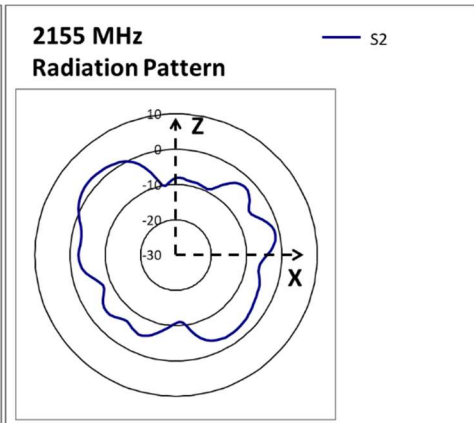
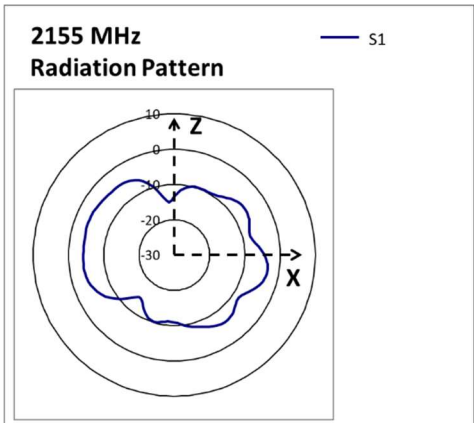
894 MHz





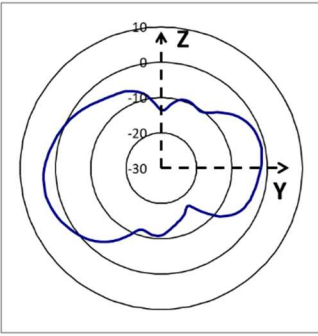
2155 MHz





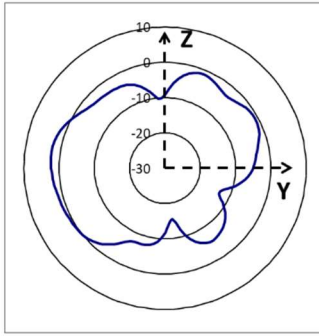
2155 MHz
Radiation Pattern

S1



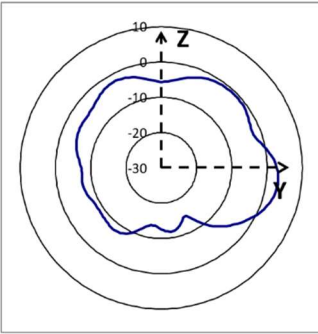
2155 MHz
Radiation Pattern

S2



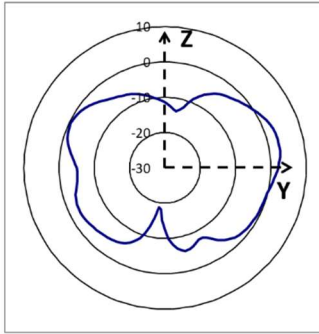
2155 MHz
Radiation Pattern

S3



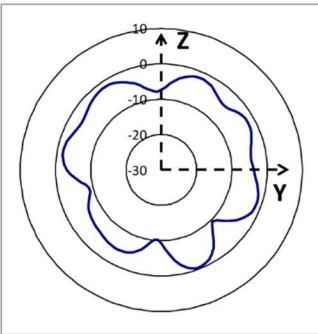
2155 MHz
Radiation Pattern

S4



2155 MHz
Radiation Pattern

S5



3700 MHz

