

Model	Plant Add.
48XPAB0K	Wistron Neweb (Kunshan) Corporation Tel : +86-512-57722688 No.789, Yujinxiang Road, Comprehensive Free Trade Zone, Kunshan, Jiangsu Province, China
48XPAB0L	
48XPAB0M	
48XPAB0N	

Antenna NO.	RF Chain NO.	Brand	Model	Antenna Net Gain (dBi)	Frequency Range (GHz)	Antenna Type	Connector Type
1	0	WNC	48XPAB0F	3.91	2.4 ~ 2.4835	Dipole	ipex(MHF)
	3			6.27	5.15 ~ 5.25		
				6.27	5.25 ~ 5.35		
				5.73	5.47 ~ 5.725		
				5.47	5.725 ~ 5.85		
2	1	WNC	48XPAB0G	3.87	2.4 ~ 2.4835	Dipole	ipex(MHF)
	2			3.81	5.15 ~ 5.25		
				3.85	5.25 ~ 5.35		
				5.12	5.47 ~ 5.725		
				3.62	5.725 ~ 5.85		
3	2	WNC	48XPAB0H	3.45	2.4 ~ 2.4835	Dipole	ipex(MHF)
	1			4.07	5.15 ~ 5.25		
				4.83	5.25 ~ 5.35		
				4.51	5.47 ~ 5.725		
				4.51	5.725 ~ 5.85		
4	3	WNC	48XPAB0J	3.61	2.4 ~ 2.4835	Dipole	ipex(MHF)
	0			6.03	5.15 ~ 5.25		
				6.03	5.25 ~ 5.35		
				5.09	5.47 ~ 5.725		
				4.70	5.725 ~ 5.85		
8	0	WNC	48XPAB0N	4.53	5.925 ~ 6.425	Dipole	ipex(MHF)
				4.70	6.425 ~ 6.525		
				5.89	6.525 ~ 6.875		
				6.23	6.875 ~ 7.125		
7	1	WNC	48XPAB0M	5.44	5.925 ~ 6.425	Dipole	ipex(MHF)
				6.26	6.425 ~ 6.525		
				6.33	6.525 ~ 6.875		
				5.24	6.875 ~ 7.125		
6	2	WNC	48XPAB0L	5.54	5.925 ~ 6.425	Dipole	ipex(MHF)
				4.76	6.425 ~ 6.525		
				5.20	6.525 ~ 6.875		
				5.20	6.875 ~ 7.125		
5	3	WNC	48XPAB0K	2.96	5.925 ~ 6.425	Dipole	ipex(MHF)
				3.56	6.425 ~ 6.525		
				3.63	6.525 ~ 6.875		
				3.65	6.875 ~ 7.125		
9 (Rx only)	-	WNC	48XPAB0P	-	5.25 ~ 5.35 5.47 ~ 5.725	Dipole	ipex(MHF)

* Detail antenna specification please refer to antenna datasheet and/or antenna measurement report.

Chain 0	Frequency	Gain		Location(Radian)		Location(Degree)	
		Phi	Theta	Phi	Theta	Phi	Theta
	5925	3.95	2.80	0.1047198	-0.4712389	6	-27
	6175	3.23	3.12	0.2094395	-0.5759587	12	-33
	6425	4.53	2.91	0.5235988	1.5707963	30	90
	6475	4.49	2.28	0.5759587	1.6231562	33	93
	6525	4.70	2.43	0.5759587	1.6231562	33	93
	6700	5.25	1.30	0.5759587	1.6755161	33	96
	6875	5.89	1.37	0.4188790	1.6755161	24	96
	7000	6.06	2.24	0.3665191	1.6755161	21	96
	7125	6.23	2.52	0.3665191	1.7278760	21	99

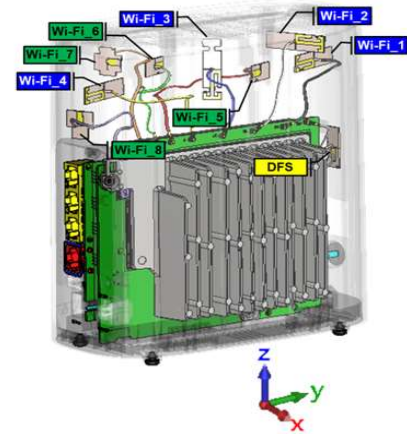
Chain 1	Frequency	Gain		Location(Radian)		Location(Degree)	
		Phi	Theta	Phi	Theta	Phi	Theta
	5925	4.03	2.88	0.5759587	1.4137167	33	81
	6175	4.92	3.26	0.8377580	0.6283185	48	36
	6425	5.44	1.82	0.4712389	0.5235988	27	30
	6475	5.74	1.64	0.4188790	0.5235988	24	30
	6525	6.26	2.10	0.4188790	0.5759587	24	33
	6700	6.33	1.76	0.5235988	0.6806784	30	39
	6875	5.24	2.15	0.5235988	0.7330383	30	42
	7000	4.62	1.19	0.4188790	0.6806784	24	39
	7125	4.41	1.31	0.4188790	0.6806784	24	39

Chain 2	Frequency	Gain		Location(Radian)		Location(Degree)	
		Phi	Theta	Phi	Theta	Phi	Theta
	5925	5.54	2.50	1.8325957	0.8377580	105	48
	6175	5.37	3.02	1.6755161	0.8901179	96	51
	6425	4.67	2.64	2.0420352	-1.3089969	117	-75
	6475	4.50	2.53	2.0420352	-1.3613568	117	-78
	6525	4.76	3.29	1.7802358	0.3665191	102	21
	6700	4.58	3.56	1.7278760	0.4188790	99	24
	6875	5.20	3.67	1.8849556	0.4712389	108	27
	7000	4.80	3.38	1.7802358	0.5235988	102	30
	7125	4.91	4.17	1.7278760	0.5235988	99	30

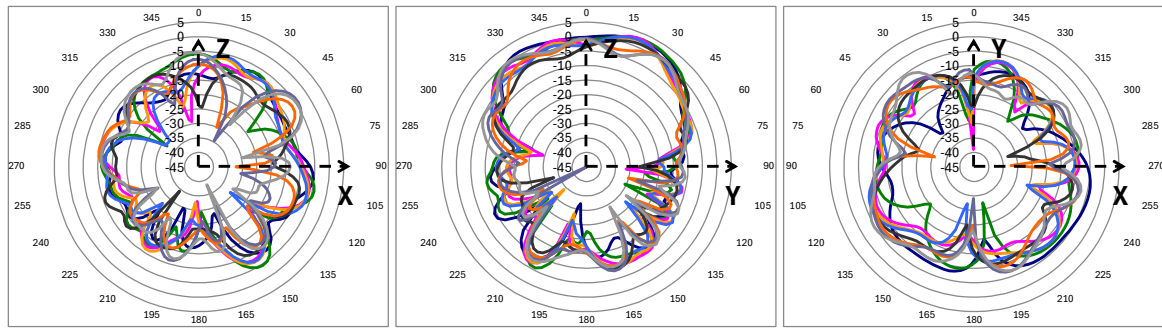
Chain 3	Frequency	Gain		Location(Radian)		Location(Degree)	
		Phi	Theta	Phi	Theta	Phi	Theta
	5925	0.64	2.91	0.8377580	-1.5184364	48	-87
	6175	0.50	1.88	1.6755161	-1.6755161	96	-96
	6425	-0.79	2.96	1.7278760	-1.5707963	99	-90
	6475	-0.80	3.35	1.7278760	-1.5184364	99	-87
	6525	-0.52	3.56	1.7802358	-1.5707963	102	-90
	6700	-0.39	2.49	2.7750735	1.3089969	159	75
	6875	0.71	3.63	1.0995574	-1.3089969	63	-75
	7000	0.34	3.65	1.4660766	1.1519173	84	66
	7125	-0.39	3.58	2.6179939	-1.6231562	150	-93

Directinal Gain	Frequency	Gain		Location(Radian)		Location(Degree)	
		Phi	Theta	Phi	Theta	Phi	Theta
	5925	5.45	5.19	0.8377580	0.5235988	48	30
	6175	5.10	5.75	1.2566371	0.6283185	72	36
	6425	5.18	5.01	0.3141593	1.4137167	18	81
	6475	5.36	4.62	0.6283185	0.5759587	36	33
	6525	5.78	4.83	0.6806784	0.6283185	39	36
	6700	6.00	4.55	0.6806784	0.7330383	39	42
	6875	6.35	5.20	0.3665191	1.5707963	21	90
	7000	6.25	4.63	0.3665191	1.6231562	21	93
	7125	6.11	5.09	0.3141593	1.6755161	18	96

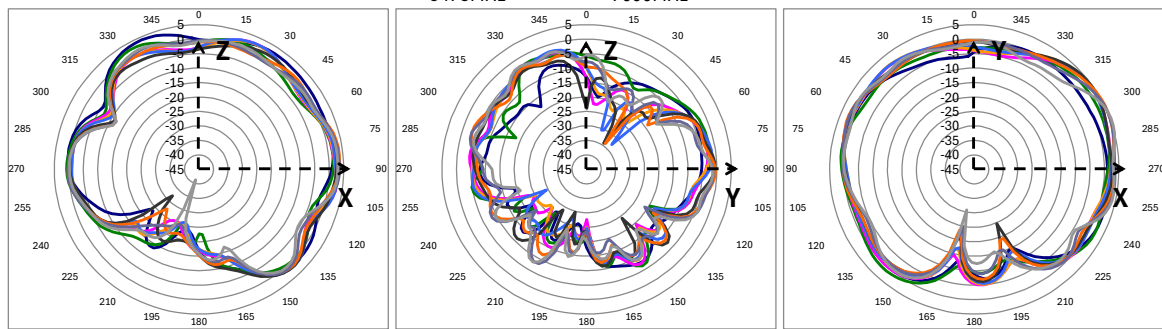
Placement



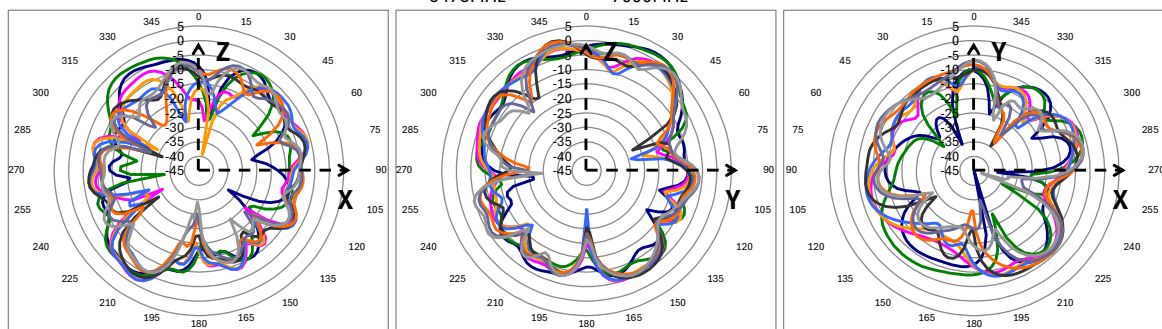
5925MHz 6525MHz 7125MHz
6175MHz 6700MHz
6425MHz 6875MHz
6475MHz 7000MHz



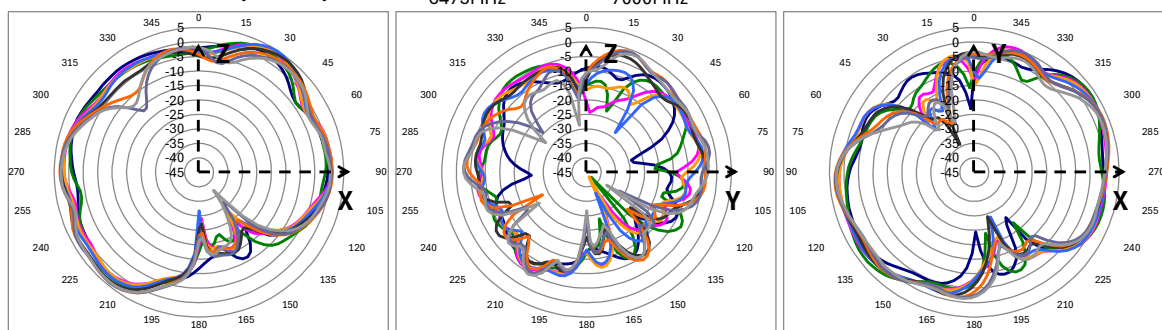
5925MHz 6525MHz 7125MHz
6175MHz 6700MHz
6425MHz 6875MHz
6475MHz 7000MHz



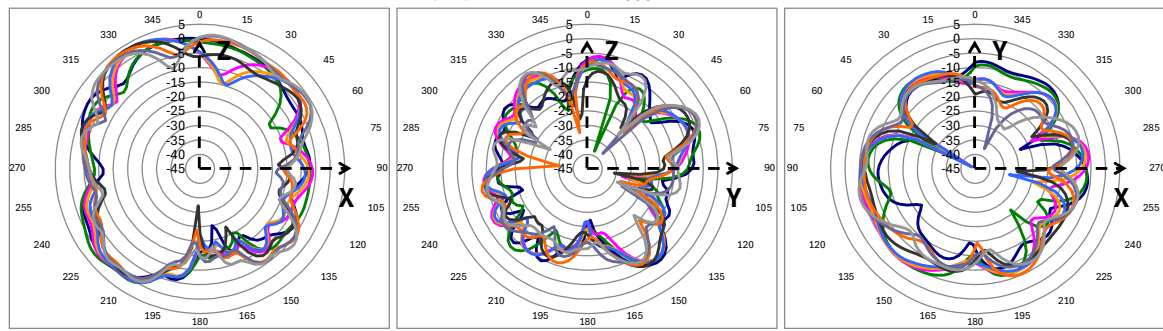
— 5925MHz — 6525MHz — 7125MHz
— 6175MHz — 6700MHz
— 6425MHz — 6875MHz
— 6475MHz — 7000MHz



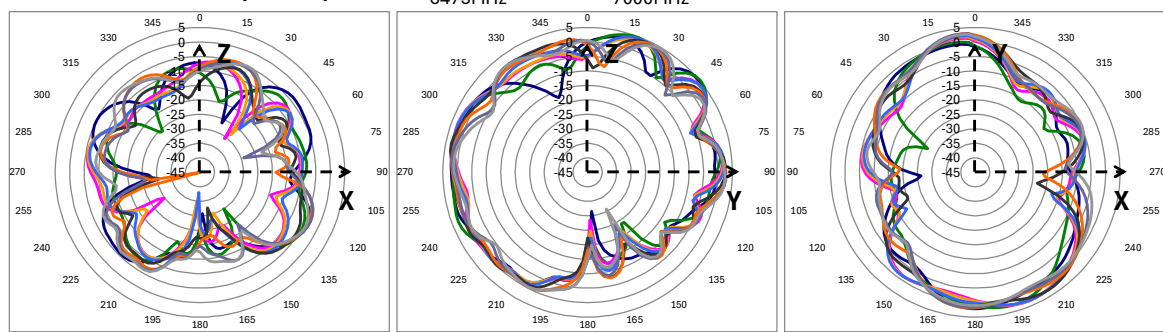
— 5925MHz — 6525MHz — 7125MHz
— 6175MHz — 6700MHz
— 6425MHz — 6875MHz
— 6475MHz — 7000MHz



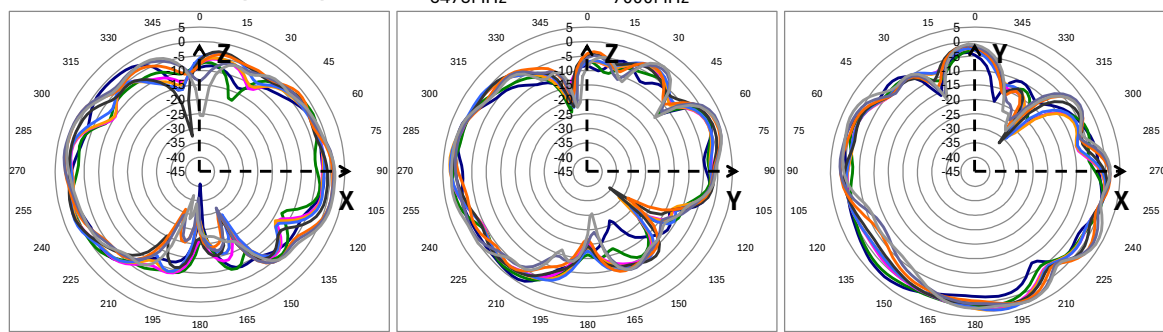
Radiation Pattern (V-Pol.)



Radiation Pattern (H-Pol.)



Radiation Pattern (V-Pol.)



Radiation Pattern (H-Pol.)

