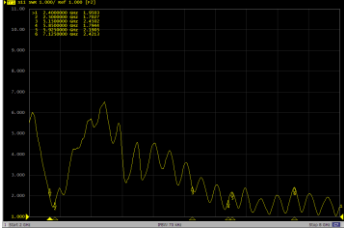
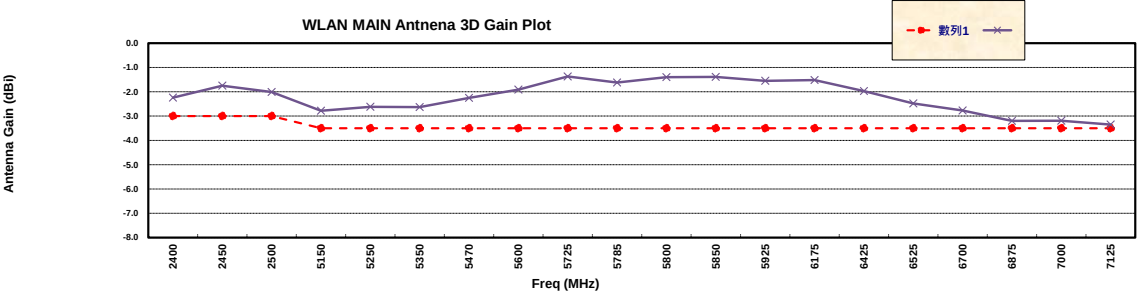


Antenna Gain Specification for Lenovo Platforms

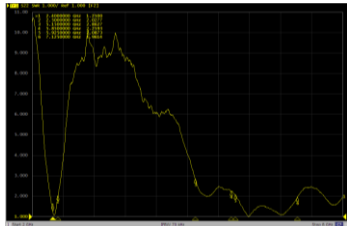
Antenna / Band / Frequency					Gain Spec.		Main-1		VSWSR
							Antenna Gain	XZ Peak Antenna Gain	
		(MHz)	(Main)	(Close)	3D peak		(Main)	(Close)	
WLAN MAIN	802.11g	2400	-3.0	-9	3		-2.24	2.26	PASS FAIL 
		2450	-3.0	-9	3		-1.75	2.96	
		2500	-3.0	-9	3		-2.01	2.42	
		5150	-3.5	-9	5		-2.78	4.79	
	802.11a	5250	-3.5	-9	5		-2.62	4.50	
		5350	-3.5	-9	5		-2.63	4.92	
		5470	-3.5	-9	5		-2.25	4.83	
		5600	-3.5	-9	5		-1.91	4.51	
		5725	-3.5	-9	5		-1.37	4.75	
		5785	-3.5	-9	5		-1.62	4.59	
		5800	-3.5	-9	5		-1.40	4.95	
		5850	-3.5	-9	5		-1.39	4.79	
		5925	-3.5	-9	5		-1.55	4.57	
		6175	-3.5	-9	5		-1.52	4.97	
		6425	-3.5	-9	5		-1.97	4.88	
		6525	-3.5	-9	5		-2.48	4.06	
		6700	-3.5	-9	5		-2.77	4.61	
		6875	-3.5	-9	5		-3.20	3.45	
		7000	-3.5	-9	5		-3.19	4.54	
		7125	-3.5	-9	5		-3.35	4.88	

Antenna (cable color) / Band / Frequency			Peak Gain Spec 2D Spec		H- Plane XZ	
			H	V	WLAN MAIN	
WLAN Main	802.11bg	2400	2	2	-0.98	1.87
		2450	2	2	-0.80	2.66
		2500	2	2	-1.51	2.06
	802.11a	5150	3	3	-2.93	5.16
		5250	3	3	-3.32	5.35
		5350	3	3	-3.41	5.22
		5470	3	3	-1.61	5.27
		5600	3	3	-1.90	5.20
		5725	3	3	-1.00	5.96
		5785	3	3	-0.74	6.32
		5800	3	3	-0.63	6.73
		5850	3	3	-0.89	6.63
		5925	3	3	-3.03	5.96
		6175	3	3	-1.14	5.35
		6425	3	3	-0.16	4.14
		6525	3	3	-0.52	3.03
		6700	3	3	-0.72	4.33
		6875	3	3	0.93	3.12
		7000	3	3	1.24	4.61
		7125	3	3	0.80	6.40



Antenna Gain Specification for Lenovo Platforms

Antenna / Band / Frequency			Gain Spec.				Aux		PASS	VSWR	FAIL
							Antenna Gain	XZ Peak Antenna Gain			
		(MHz)	(Main)	(Close)	2D peak	(Main)	(Close)				
WLAN AUX	802.11g	2400	-3.0	-9	2	-2.29	2.67				
		2450	-3.0	-9	2	-2.10	2.18				
		2500	-3.0	-9	2	-2.49	2.33				
	802.11a	5150	-3.5	-9	2	-3.34	3.54				
		5250	-3.5	-9	2	-3.07	4.30				
		5350	-3.5	-9	2	-2.91	4.13				
		5470	-3.5	-9	2	-2.52	4.67				
		5600	-3.5	-9	2	-2.35	4.46				
		5725	-3.5	-9	2	-1.91	4.99				
		5785	-3.5	-9	2	-2.02	4.57				
		5800	-3.5	-9	2	-1.84	4.62				
		5850	-3.5	-9	2	-1.58	4.05				
		5925	-3.5	-9	2	-1.54	4.55				
		6175	-3.5	-9	2	-1.68	4.29				
		6425	-3.5	-9	2	-2.02	4.01				
		6525	-3.5	-9	2	-2.23	3.86				
		6700	-3.5	-9	2	-2.58	3.75				
		6875	-3.5	-9	2	-2.84	3.47				
		7000	-3.5	-9	2	-3.02	2.23				
		7125	-3.5	-9	2	-3.42	1.51				



Antenna (cable color) / Band / Frequency			Peak Gain Spec 2D Spec		H- Plane XZ	
			H	V	H	V
WLAN Main	802.11n	2400	2	2	-0.85	2.32
		2450	2	2	-1.23	2.85
		2500	2	2	0.98	1.69
	802.11a	5150	3	3	-0.74	3.48
		5250	3	3	-0.60	4.21
		5350	3	3	0.56	4.02
		5470	3	3	0.90	4.44
		5600	3	3	-0.22	5.22
		5725	3	3	-1.34	5.86
		5785	3	3	-1.19	5.45
		5800	3	3	-1.25	5.49
		5850	3	3	-0.82	6.01
		5925	3	3	-0.40	6.52
		6175	3	3	-1.11	4.92
		6425	3	3	0.14	4.63
		6525	3	3	-0.62	3.30
		6700	3	3	-0.52	2.84
		6875	3	3	-0.33	3.07
		7000	3	3	-1.06	1.71
		7125	3	3	-1.14	1.17

