SVG-1202 ver. R0C antenna test report

Ver. 1.2

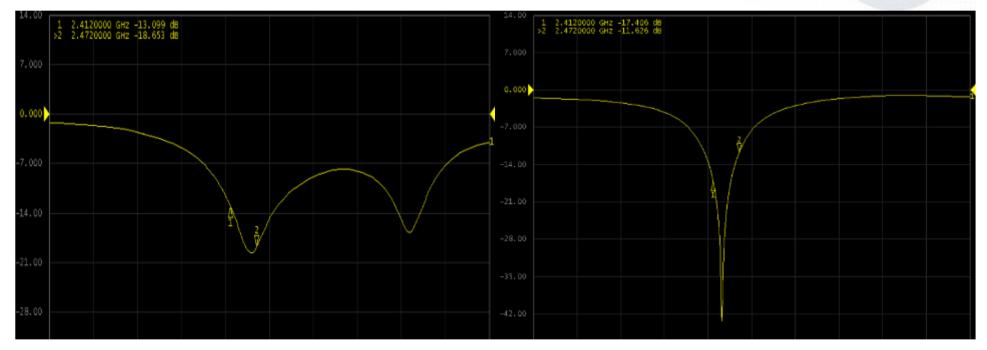


Electrical Properties-1

Compal Broadband Networks, Inc.

Return Loss(<-10dB)

ANT1 ANT2



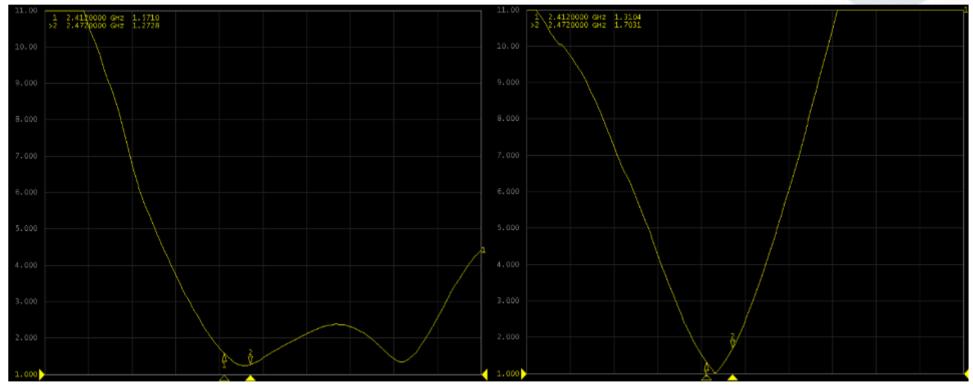


Electrical Properties-2

Compal Broadband Networks, Inc.

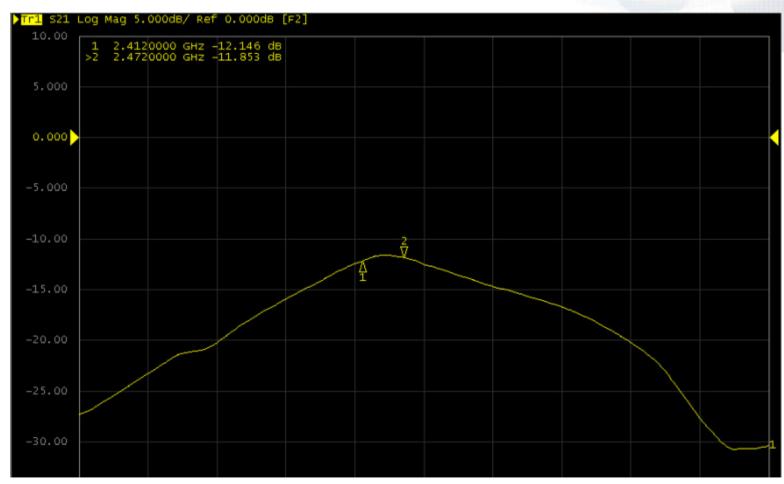
V.S.W.R(<2.0)

ANT1 ANT2





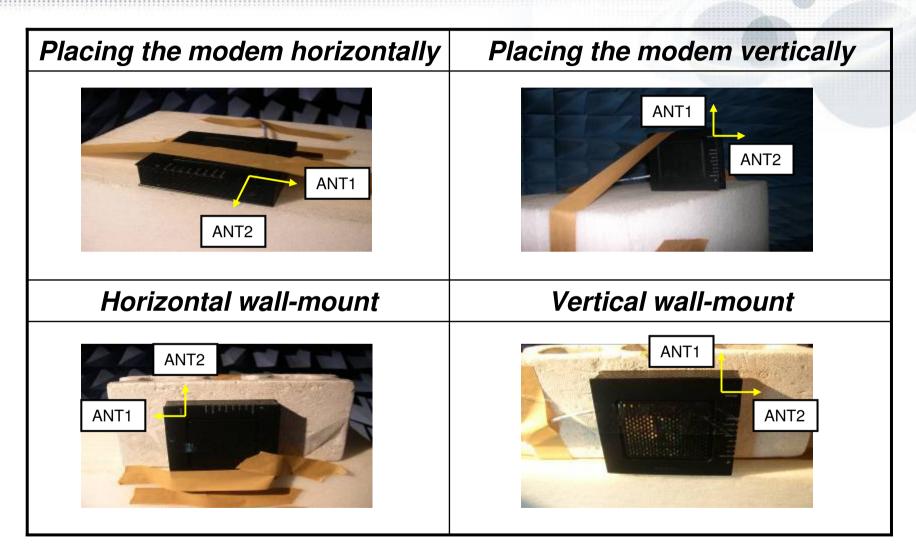
Isolation between ANT1 and ANT2(<-10dB)





Antenna Patterns Measurement Setup

Compal Broadband Networks, Inc.



Antenna Radiation Patterns-1

Compal Broadband Networks, Inc.

• Ant1 for placing the modem vertically

Antenna Polarity	2412MHz	2472MHz
Vertical	Transcription 100 control of the second of t	Control of the Contro
Horizontal	The proposal of the proposal o	The DEPERTURE FOR THE PROPERTY. THE RESIDENCE AND THE CONTROL OF THE PROPERTY



Antenna Radiation Patterns-2

Compal Broadband Networks, Inc.

• Ant2 for placing the modem vertically

Antenna Polarity	2412MHz	2472MHz		
Vertical	THE REPORT OF THE PARTY OF THE	THE PROPERTY OF THE PROPERTY O		
Horizontal	SERVICE STATE OF THE PROPERTY	*** FARSES SAGE S CALLES S.** ***TOTAL CONTROL OF THE SAGE STATE STATE SAGE STATE S		



• Ant1 for placing the modem horizontally

Antenna Polarity	2412MHz	2472MHz
Vertical	*** Committee Co	The state of the s
Horizontal	Transport (St. 1981)	TOTAL CONTINUES OF THE PARTY OF



• Ant2 for placing the modem horizontally

Antenna Polarity	2412MHz	2472MHz		
Vertical	CARL CORPERATE TO CARD TO SERVICE TO THE CONTROL OF	*** *** *** *** *** *** *** *** *** **		
Horizontal	The contract of the contract o	THE PROPERTY OF THE PROPERTY O		



Compal Broadband Networks, Inc.

Ant1 for vertical wall-mount

Antenna Polarity	2412MHz	2472MHz
Vertical	The state of the s	Execution of the control of the cont
Horizontal	TOTAL PROPERTY OF THE PARTY OF	TO AND THE CONTROL OF THE PROPERTY OF THE CONTROL O



Compal Broadband Networks, Inc.

Ant2 for vertical wall-mount

Antenna Polarity	2412MHz	2472MHz
Vertical	Execution of the control of the cont	Execution of the control of the cont
Horizontal	Temporary (2) 19 - September 19 - Se	TOTAL CONTINUES AND ADMINISTRATION OF THE STATE OF THE ST



Antenna Radiation Patterns-7

Compal Broadband Networks, Inc.

• Ant1 for horizontal wall-mount

Antenna Polarity	2412MHz	2472MHz
Vertical	The state of the s	SERVICE TO THE PROPERTY OF THE
Horizontal	TO THE PROPERTY OF THE PROPERT	TOTAL OF THE PROPERTY OF THE P



Compal Broadband Networks, Inc.

• Ant2 for horizontal wall-mount

Antenna Polarity	2412MHz	2472MHz
Vertical	The second secon	SERVICE TO THE PROPERTY OF THE
Horizontal	TOTAL PROPERTY OF THE PARTY OF	TOTAL OF THE PROPERTY OF THE P



Placing the CM	Antenna	Antenna Polarity	Frequency (MHz)	2412	2472
TT 11	Ant1 Vertical	77 1	Peak Gain (dBi)	0.76	1.4
Vertically		Average Gain (dBi)	-1.02	-0.46	
Vouticelly	A == +2	Vertical -	Peak Gain (dBi)	1.28	1.04
Vertically	Ant2		Average Gain (dBi)	-1.55	-1.88
Horizontally	Ant1 Horizontal	Homizontol	Peak Gain (dBi)	2.47	1.93
		Average Gain (dBi)	-1.51	-1.75	
Horizontally	Ant2 Vertical	Vortical	Peak Gain (dBi)	1.76	1.51
		Average Gain (dBi)	-1.99	-2.21	

Wall-mount	Antenna	Antenna Polarity	Frequency (MHz)	2412	2472
174:1	A 4.1	Ant1 Vertical	Peak Gain (dBi)	0.76	1.4
Vertical	Anti		Average Gain (dBi)	-1.02	-0.46
Vartical	A == + ?	Vertical -	Peak Gain (dBi)	1.28	1.04
Vertical	Ant2		Average Gain (dBi)	-1.55	-1.88
Horizontal	Ant1 Vertical	Vartical	Peak Gain (dBi)	1.55	1.68
		verucai	Average Gain (dBi)	-1.3	-1.99
Horizontal COMPAI	Ant2 Vertical	Vartical	Peak Gain (dBi)	0.3	1.33
		Average Gain (dBi)	-3.42	-2.84	

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- ANT1
- The average gain is -1.75dBi at least when the Cable Modem, SVG-1202, is placed horizontally.
- The average gain is -1.02dBi at least when the Cable Modem, SVG-1202, is placed vertically.
- The average gain is -1.99dBi at least when the Cable Modem, SVG-1202, is horizontally wall-mounted installation.
- The average gain is -1.02dBi at least when the Cable Modem, SVG-1202, is vertically wall-mounted installation.

- ANT2
- The average gain is -2.21dBi at least when the Cable Modem, SVG-1202, is placed horizontally.
- The average gain is -1.88dBi at least when the Cable Modem, SVG-1202, is placed vertically.
- The average gain is -3.42dBi at least when the Cable Modem, SVG-1202, is horizontally wall-mounted installation.
- The average gain is -1.88dBi at least when the Cable Modem, SVG-1202, is vertically wall-mounted installation.