



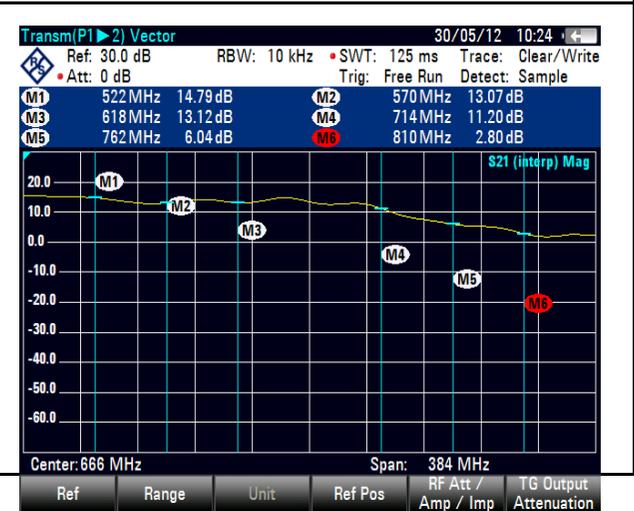
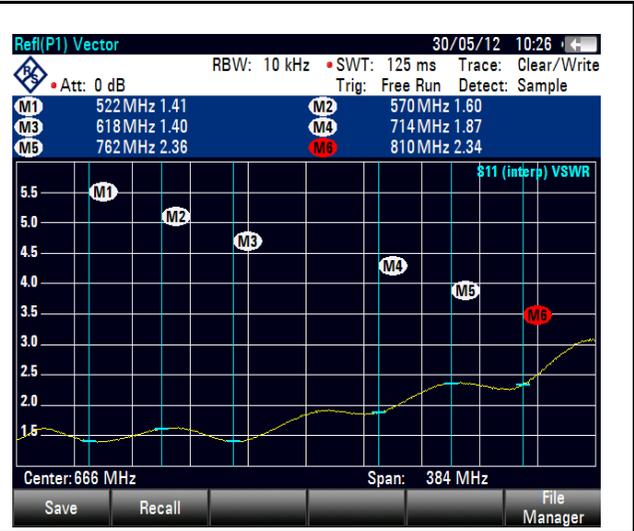
Matrix Antenna UHF Band Testing Result

1. UHF 470~862MHz VSWR		
Frequency(MHz)	Channel	VSWR
474	21	1.5
522	27	1.41
570	33	1.6
618	39	1.4
666	45	1.8
714	51	1.87
762	57	2.36
810	63	2.34
858	69	3.1

1. @VSWR≤2.0:1
Band width: 250MHz (470~720MHz)

2. Center Frequency VSWR: 1.80: 1

UHF 470~862MHz Inside amplifier Gain		
Frequency (MHz)	Channel	Gain (dBi)
474	21	15
522	27	14.79
570	33	13.07
618	39	13.12
666	45	13
714	51	11.2
762	57	6.04
810	63	2.8
858	69	3



Matrix Antenna Band Testing Result

I . VHF 174~230MHz VSWR		
Frequency(MHz)	Channel	VSWR
177.5	5	1.85
184.5	6	1.87
191.5	7	1.86
198.5	8	1.84
205.5	9	1.82
212.5	10	1.8
219.5	11	1.81
226.5	12	1.8

1. @VSWR≤2.0:1
 Band width: 56MHz (174~230MHz)
 2. Center Frequency VSWR: 1.84: 1

VHF 174~230MHz Inside amplifier Gain		
Frequency(MHz)	Channel	Gain (dBi)
177.5	5	20.5
184.5	6	20.23
191.5	7	20.33
198.5	8	20.27
205.5	9	19.93
212.5	10	19.5
219.5	11	19.07
226.5	12	18

