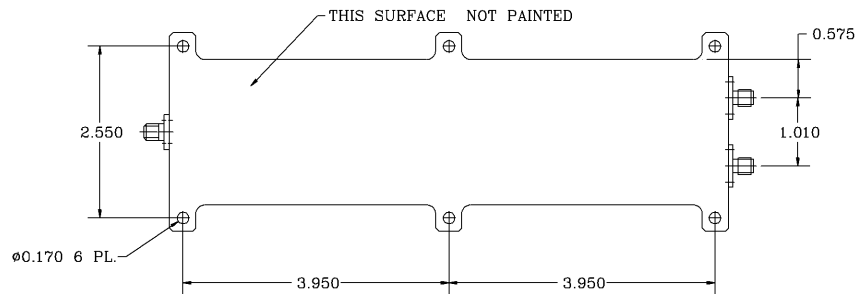
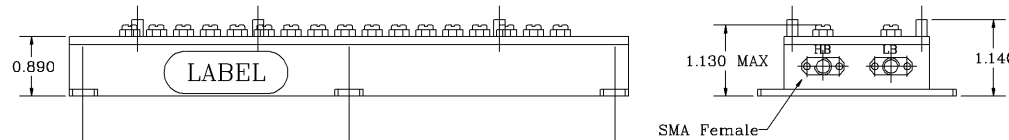
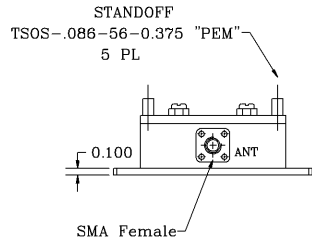
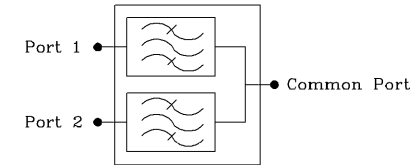
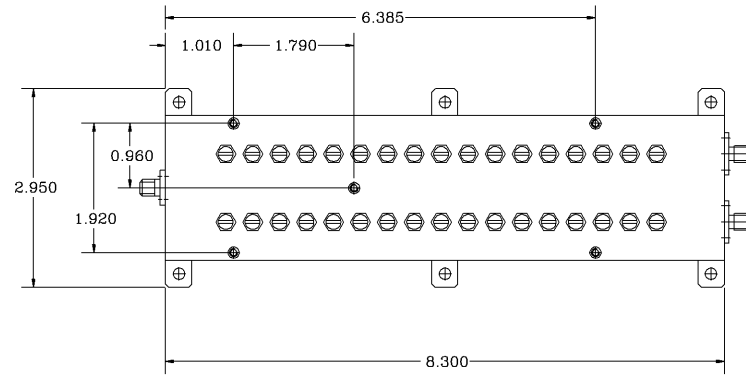


REVISIONS			
REV		DATE	APPROVED



ELECTRICAL SPECIFICATIONS:

- *Low Pass Band Range [MHz] : 5200 to 5450
- *High Pass Band Range [MHz] : 5650 to 5900
- *Low Pass Band Insertion Loss [dB] : <0.7
- *High Pass Band Insertion Loss [dB] : <0.7
- *Pass Band Ripple [dB] : <0.4 P-T-P
- *Low Band Attenuation DC to 4800 MHz [dBc] : 60 (Min.)
5650 to 5900 MHz [dBc] : 82 (Min.)
- *High Band Attenuation 5200 to 5450 MHz [dBc]: 82 (Min.)
6300 to 7000 MHz [dBc] : 60 (Min.)
- *Isolation between filters [dB] : 85 (Min.)
- *Pass Band Return Loss [dB] : -16 (Max.), <1.38:1
- *Input/Output Impedance : 50 ohm
- *RF Power Capability CW : 50 Watts
- *IM products, IM3 [dBc] : 146 (Min.)
- *Input/Output @ DC Ground Potential

OPERATING TEMPERATURE RANGE: -40°C TO +85°C

- UNIT DESIGNED TO MEET ENVIRONMENTAL CONDITIONS:
- SHOCK: 20g, 11msec
 - RANDOM VIBRATION:
OPERATING: 8.25g rms 20-2000 Hz
NON-OPERATING: 16.5g rms 20-2000 Hz
 - ALTITUDE: 15000 ft.

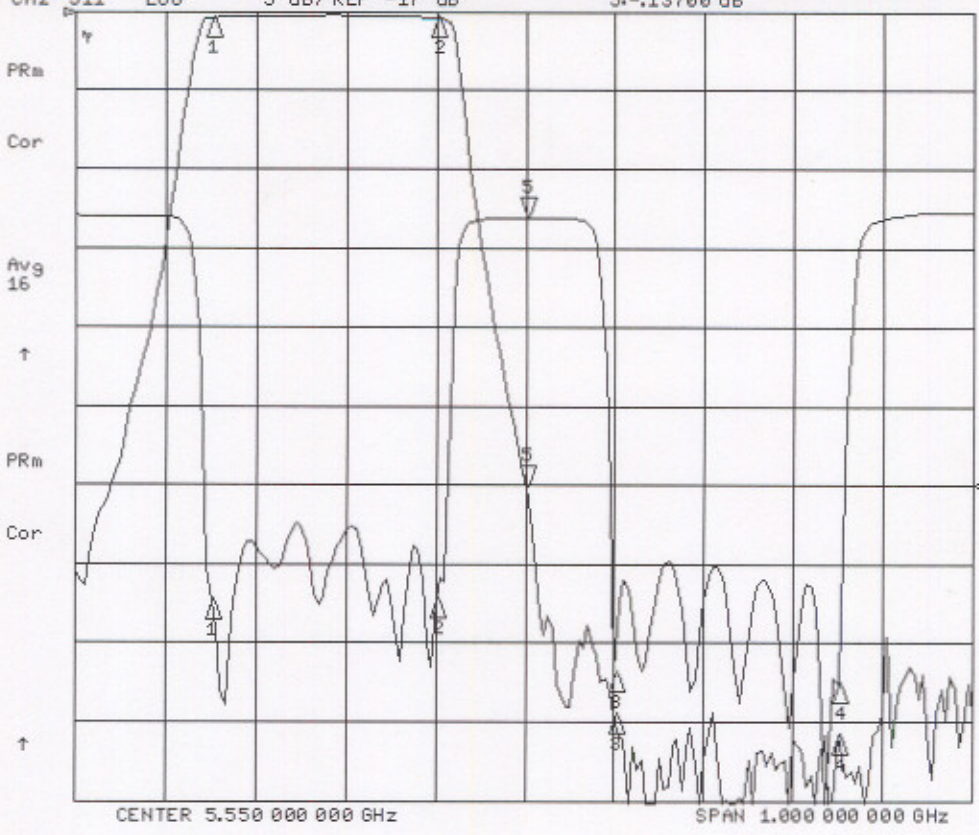
- NOTES:
- BREAK ALL CORNERS & EDGES.005/.010.
 - FINAL FINISH:
EPOXY GRAY - OPTIONAL

PROPRIETARY DOCUMENT:
THE CONTENTS OF THIS DOCUMENT WITH ALL INFORMATION AND PROCESSES ARE THE SOLE PROPERTY OF G-Way Microwave. THIS DOCUMENT MAY NOT BE DUPLICATED OR DISCLOSED TO ANY PARTY EXCEPT BY EXPRESSLY WRITTEN PERMISSION. THE ONLY AUTHORIZED USE OF THIS DOCUMENT BY A VENDOR IS FOR QUOTE PURPOSES AND SAID VENDOR AGREES NOT TO DISCLOSE ITS CONTENTS TO ANY THIRD PARTY. THIS DOCUMENT IS COPYRIGHTED 1998.

DIMENSIONS ARE IN INCHES TOLERANCES ARE DECIMALS		CONTRACT NO:		G-Way Microwave	
ANGLES	DECIMALS	APPROVALS	DATE		
± 1°	.X ± .05 .XX ± .01 .XXX ± .003	DRAWN Sivak	08/04	TITLE	
TREATMENT	CHECKED	CD5550/250MK-B3			
FINISH 63/	ENG. DESIGN ACTIVITY	SIZE A	CAGE CODE 3K1H4	DWG NO: CD5550/250MK-B3-1	REV. 0
MATERIAL AL6061-T6		SCALE None			SHEET 1 OF 1

CD550/250MK-B3

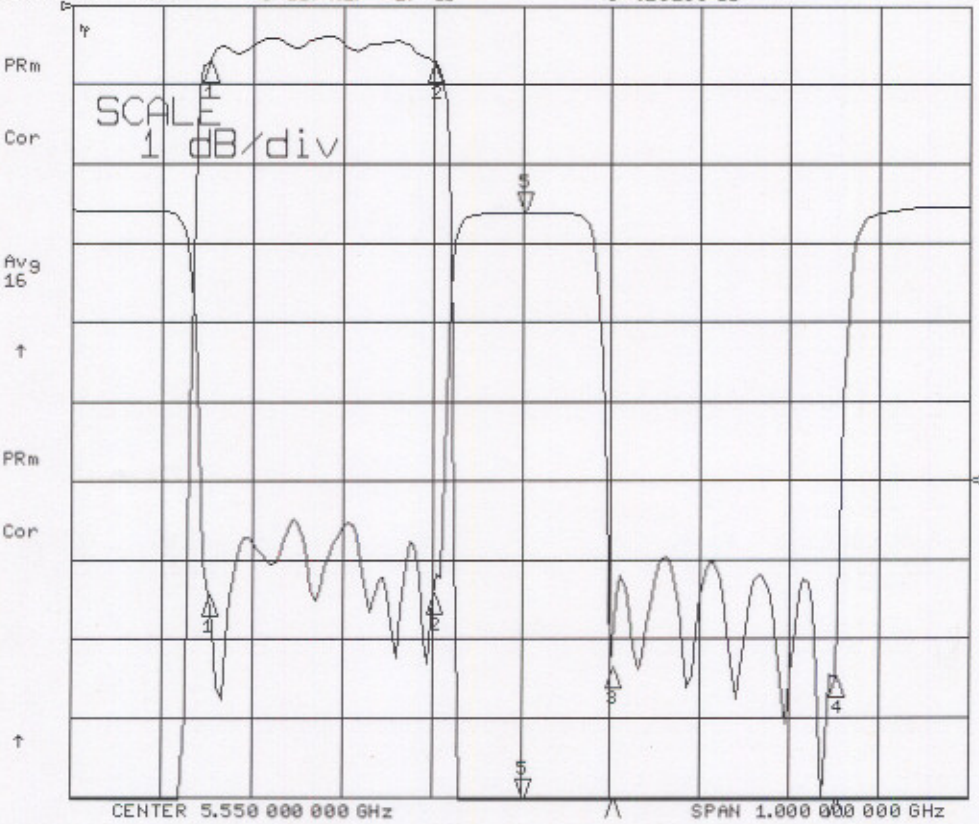
13 Jan 2005 08:28:54
 CH1 S21 LOG 10 dB/REF 0 dB 5:-60.298 dB 5.550 000 000 GHz
 CH2 S11 LOG 5 dB/REF -17 dB 5:-13700 dB



CH1 Markers
 1:-71.900 dB
 5.20000 GHz
 2:-71.500 dB
 5.45000 GHz
 3:-89.047 dB
 5.65000 GHz
 4:-91.734 dB
 5.90000 GHz

CH2 Markers
 1:-24.297 dB
 5.20000 GHz
 2:-24.134 dB
 5.45000 GHz
 3:-28.857 dB
 5.65000 GHz
 4:-29.569 dB
 5.90000 GHz

13 Jan 2005 08:28:58
 CH1 S21 LOG 1 dB/REF 0 dB 5:-60.306 dB 5.550 000 000 GHz
 CH2 S11 LOG 5 dB/REF -17 dB 5:-13100 dB

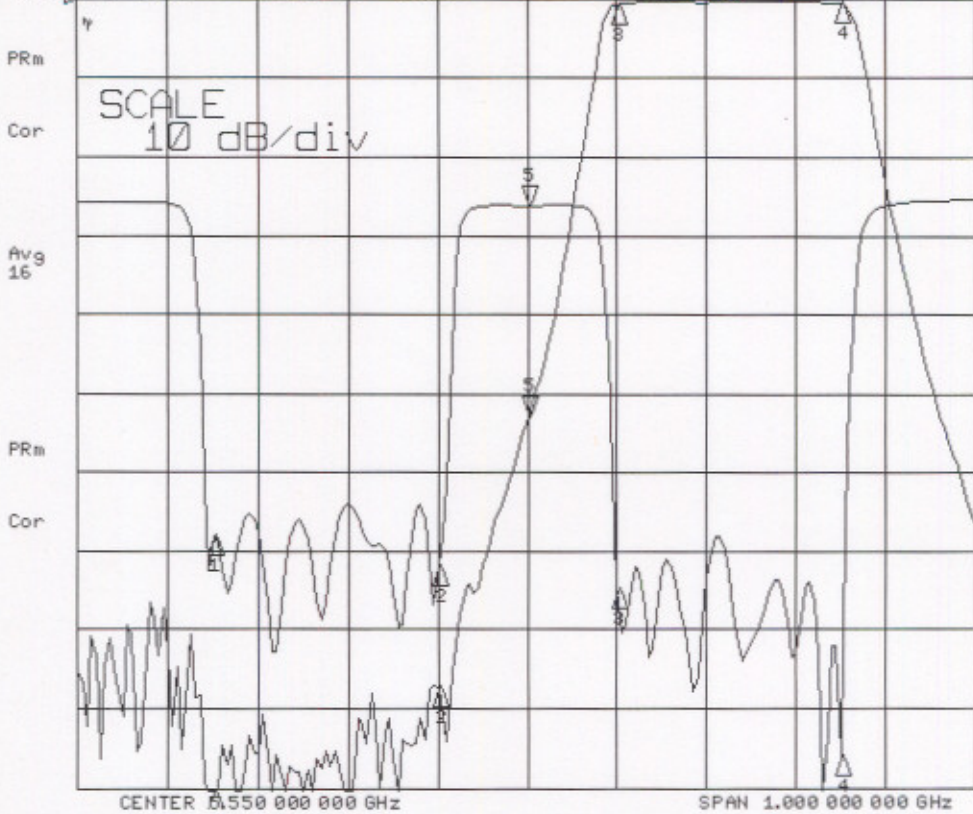


CH1 Markers
 1:-71.500 dB
 5.20000 GHz
 2:-71.500 dB
 5.45000 GHz
 3:-88.740 dB
 5.65000 GHz
 4:-92.451 dB
 5.90000 GHz

CH2 Markers
 1:-24.266 dB
 5.20000 GHz
 2:-24.162 dB
 5.45000 GHz
 3:-28.848 dB
 5.65000 GHz
 4:-29.543 dB
 5.90000 GHz

13 Jan 2005 08:27:07

CH1 S21 LOG 10 dB/REF 0 dB 51-52.925 dB 5.550 000 000 GHz
CH2 S11 LOG 5 dB/REF -17 dB 51--08100 dB



CH1 Markers

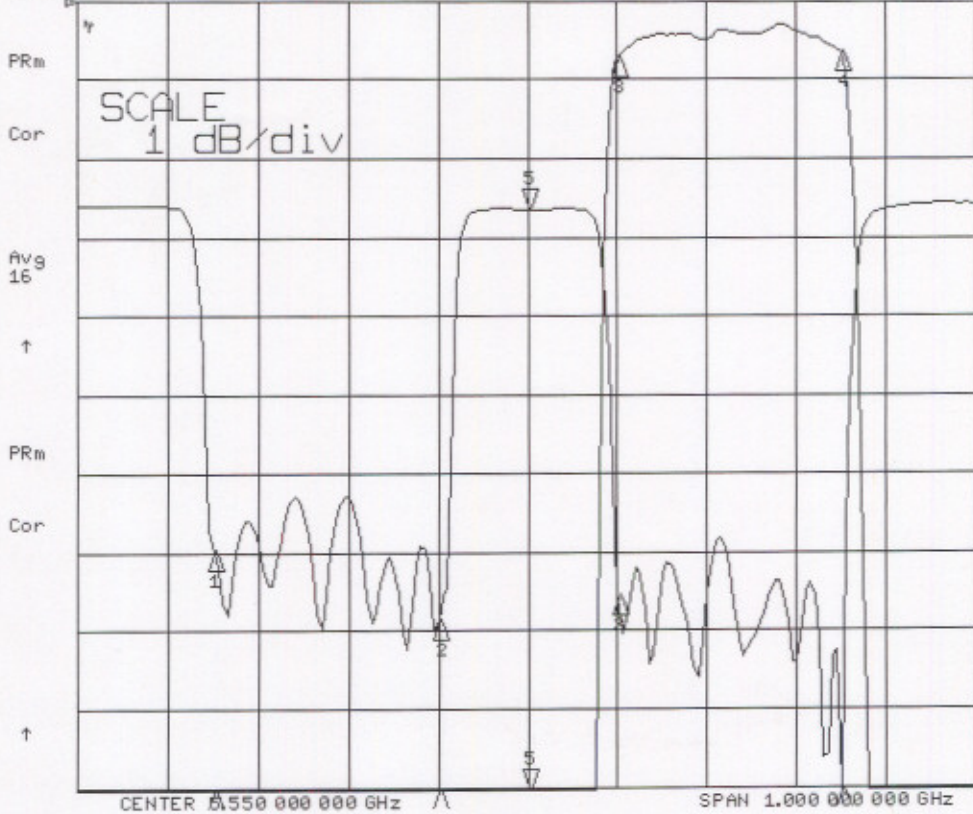
- 1:-103.75 dB
5.20000 GHz
- 2:-87.453 dB
5.45000 GHz
- 3:-65.400 dB
5.65000 GHz
- 4:-58.200 dB
5.90000 GHz

CH2 Markers

- 1:-20.995 dB
5.20000 GHz
- 2:-23.027 dB
5.45000 GHz
- 3:-24.467 dB
5.65000 GHz
- 4:-35.025 dB
5.90000 GHz

13 Jan 2005 08:28:37

CH1 S21 LOG 1 dB/REF 0 dB 51-52.975 dB 5.550 000 000 GHz
CH2 S11 LOG 5 dB/REF -17 dB 51--18800 dB



CH1 Markers

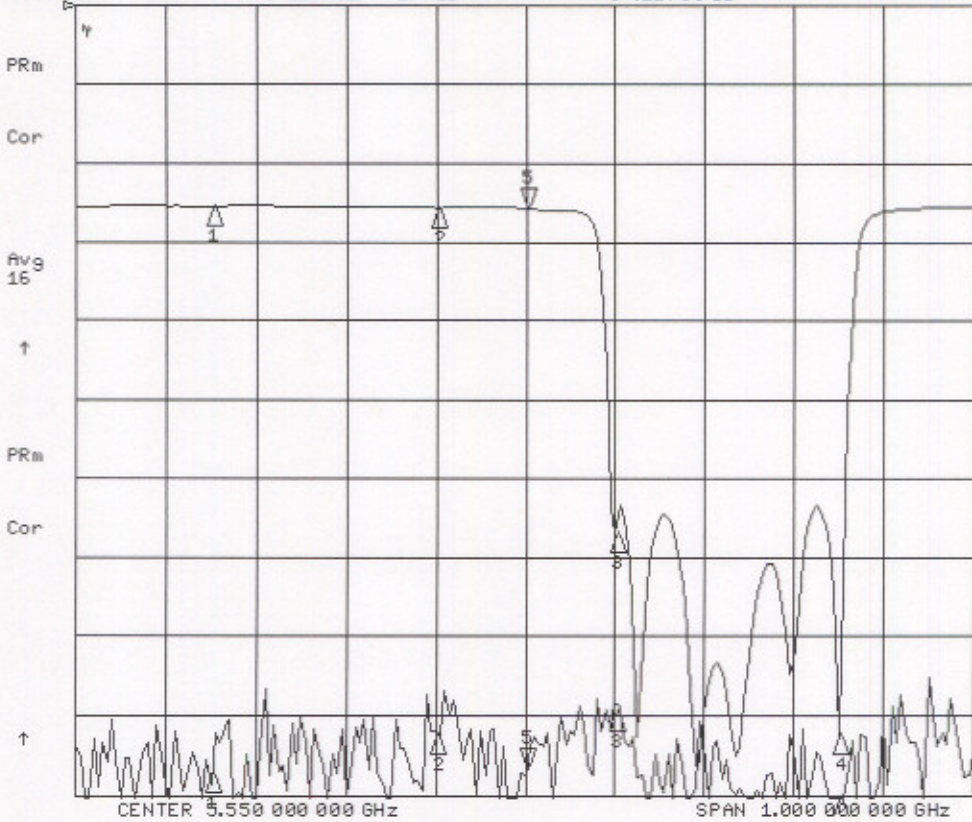
- 1:-106.37 dB
5.20000 GHz
- 2:-87.520 dB
5.45000 GHz
- 3:-72.300 dB
5.65000 GHz
- 4:-65.000 dB
5.90000 GHz

CH2 Markers

- 1:-21.898 dB
5.20000 GHz
- 2:-26.291 dB
5.45000 GHz
- 3:-24.777 dB
5.65000 GHz
- 4:-37.273 dB
5.90000 GHz

13 Jan 2005 08:29:25

CH1 S21 LOG 10 dB/REF 0 dB 5: -96.693 dB 5.550 000 000 GHz
CH2 S11 LOG 5 dB/REF -17 dB 5: .11700 dB



CH1 Markers

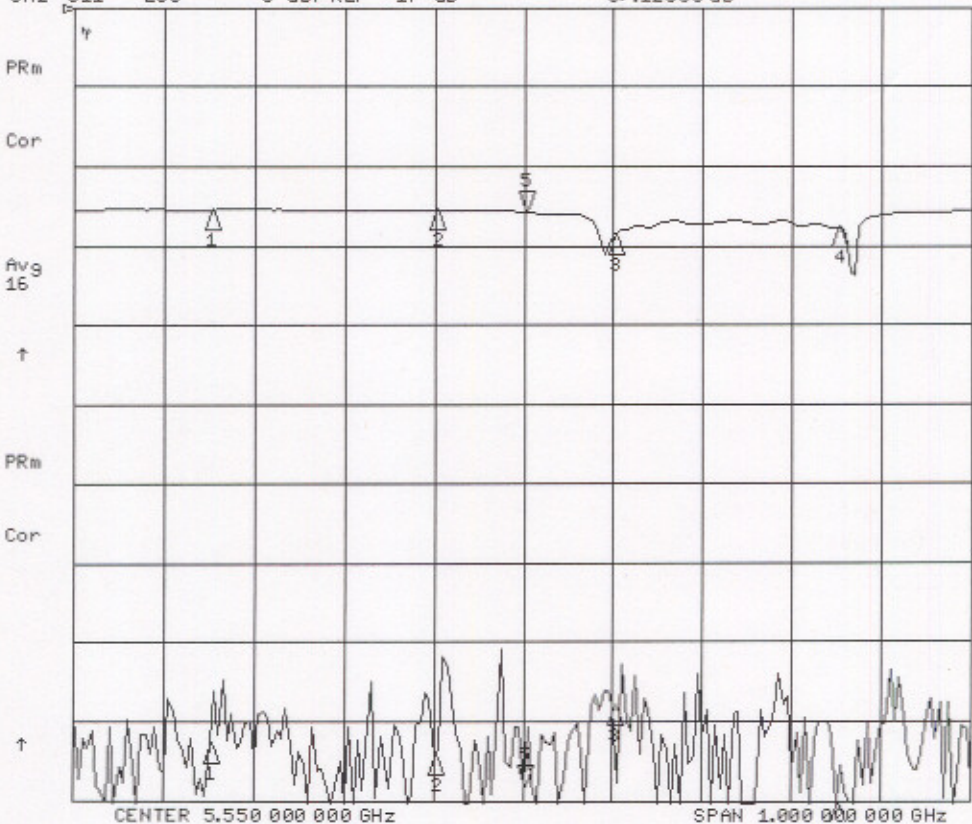
- 1: -97.158 dB
5.20000 GHz
- 2: -92.518 dB
5.45000 GHz
- 3: -89.507 dB
5.65000 GHz
- 4: -102.49 dB
5.90000 GHz

CH2 Markers

- 1: .28100 dB
5.20000 GHz
- 2: .15200 dB
5.45000 GHz
- 3: -20.494 dB
5.65000 GHz
- 4: -33.178 dB
5.90000 GHz

13 Jan 2005 08:29:31

CH1 S21 LOG 10 dB/REF 0 dB 5: -98.231 dB 5.550 000 000 GHz
CH2 S11 LOG 5 dB/REF -17 dB 5: .12600 dB



CH1 Markers

- 1: -93.003 dB
5.20000 GHz
- 2: -94.328 dB
5.45000 GHz
- 3: -88.021 dB
5.65000 GHz
- 4: -114.32 dB
5.90000 GHz

CH2 Markers

- 1: .29300 dB
5.20000 GHz
- 2: .18000 dB
5.45000 GHz
- 3: -1.3030 dB
5.65000 GHz
- 4: -.85600 dB
5.90000 GHz