

EXHIBIT 4-1

WNYZ-LP Channel 49

New York, NY 7/29/04

**CALCULATION OF OCCUPATIONAL RADIATION EXPOSURE
(CONTROLLED ENVIRONMENTS)**

$$P \text{ (mw/cm sq)} = 33.4 \times .1 \times .1 \times .5 \times 30 / 3.4 \times 3.4 = .040$$

Maximum allowed = .0

**CALCULATION OF PUBLIC RADIATION EXPOSURE
(UNCONTROLLED ENVIRONMENTS)**

$$P \text{ (mw/cm sq)} = 33.4 \times .1 \times .1 \times .5 \times 30 / 10.2 \times 10.2 = .005$$

Maximum allowed = .20

SEARCH FOR DISPLACEMENT CHANNEL FOR CHANNEL 49

<u>CHANNEL</u>	<u>INTERFERER</u>		<u>CHANNEL</u>	<u>INTERFERER</u>	
2	WCBS-TV	NY	36	WNJU-DT	NY
3	W03BM	NY	37	not used	
4	WNBC	NY	38	WWOR-DT	NY
5	WNYW	NY	39	WNYN-LP	NY
6	this appl.		40	WXTV-DT	NY
7	WABC-TV	NY	41	WXTV	NY
8	WNJB-DT	NJ	42	WSAH-DT	CT
9	WWOR-TV	NY	43	WNJT-DT	CT
10	W64CW	NY	44	WNYW-DT	NY
11	WPIX	NY	45	WABC-DT	NY
12	WPIX-DT	NY	46	WMBQ-CA	NY
13	WNET	NY	47	WNJU	NY
14	LM	NY	48	WRNN-DT	NY
15	LM	NY	49	WEDW	CT
16	Pub Sfty	NY	50	WNJN-DT	NJ
17	WEBR-CA	NY	51	WNJN	NJ
18	WMBC-DT	NJ	52	WNJT	CT
19	Pub Sfty	NY&NJ	53	WFUT-DT	NY
20	LM, PubSfty	NY&NJ	54	WTBY, Auct.	NY
21	WLIW	NY	55	WLNY, Auct.	NY
22	WLIW-DT	NY	56	WCBS-DT	NY
23	WFTY-DT	NY	57	WLNY-DT	NY
24	WNYE-DT	NY	58	WNJB	NJ
25	WNYE-TV	NY	59	Auctioned	NY
26	WXY-LP	NY	60	W60AI	NY
27	WTBY-DT	NY	61	WNET-DT	NY
28	WNBC-DT	NY	62	WRNN, PubSfty Adj.	NY
29	WFME-DT	NJ	63	WMBC-TV, Pub Sfty	NJ
30	WPXN-DT	NY	64	WXY-LP, Pub Sfty	NY
31	WPXN-TV	NY	65	WNYX-LP, Pub Sfty Adj.	
32	WXY-LP	NY	66	WFME-TV	NJ
33	WPIX-DT	NY	67	WFTY, Pub Sfty Adj.	NY
34	WPXO-LP	NY	68	WFUT, Pub Sfty	NY
35	WNYX-LP	NY	69	Public Safety, NY	

EXHIBIT 5-1

WNYZ-LP Channel 49

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CH2 S21 log MAG 10 dB/ REF 0 dB 7 Jun 2002 06:16:38
 1: -1.0953 dB
 486.000 000 MHz

2: -1.024 dB
 494 MHz
 3: -69.995 dB
 482 MHz
 4: -68.108 dB
 500 MHz

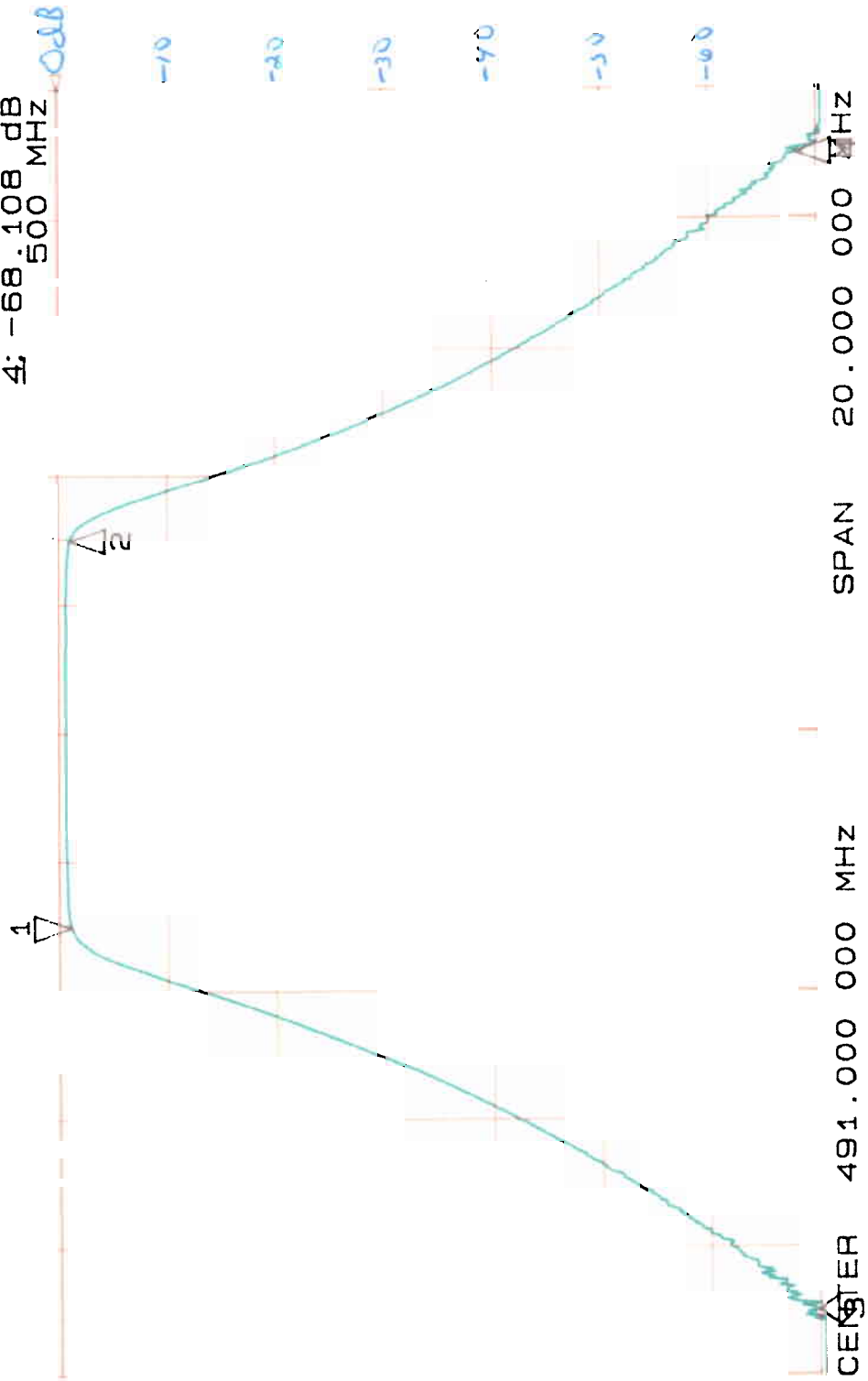


Figure 1

Filter Response

EXHIBIT 6-1

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