

1.- INÍCIO DA REDE: MATV

1.1.- Resultados de cálculo: S/MATV

1.1.1.- Potência

1.1.1.1.- Início da rede

Início da rede				
S/MATV	Potência (dBμV)			
	47.0 MHz	862.0 MHz	950.0 MHz	2150.0 MHz
Nível de potência à saída da cabeça de rede [dBμV]	75.0	75.0	85.0	85.0
Nível de potência na tomada menos favorável _(-F) [dBμV]				
Nível de potência na tomada mais favorável _(+F) [dBμV]				

1.1.1.2.- Tomadas finais

Bastidor 1				
Tomada final	Potência (dBμV)			
	47.0 MHz	862.0 MHz	950.0 MHz	2150.0 MHz
C02	56.1	54.7	63.6	-
C03	56.5	56.2	65.3	-
C04	56.2	55.1	64.1	-
C05	55.0	50.3	59.0	-
C06	55.7	53.1	62.0	-
C07	55.6	52.8	61.7	-
C08	56.1	54.8	63.8	-
C09	56.4	55.9	65.0	-

Bastidor 0				
Tomada final	Potência (dBμV)			
	47.0 MHz	862.0 MHz	950.0 MHz	2150.0 MHz
C10	51.8	51.5	60.6	-

Loja 9				
Tomada final	Potência (dBμV)			
	47.0 MHz	862.0 MHz	950.0 MHz	2150.0 MHz
	60.9	59.0	68.0	-

Loja 7				
Tomada final	Potência (dBμV)			
	47.0 MHz	862.0 MHz	950.0 MHz	2150.0 MHz
	61.5	61.4	70.5	-

Loja 5				
Tomada final	Potência (dBμV)			
	47.0 MHz	862.0 MHz	950.0 MHz	2150.0 MHz
	61.9	62.9	72.1	-

Loja 3				
Tomada final	Potência (dBμV)			
	47.0 MHz	862.0 MHz	950.0 MHz	2150.0 MHz
	61.2	60.3	69.3	-

Loja 1				
Tomada final	Potência (dBμV)			
	47.0 MHz	862.0 MHz	950.0 MHz	2150.0 MHz
	60.7	58.3	67.2	-

Loja 11				
Tomada final	Potência (dBμV)			
	47.0 MHz	862.0 MHz	950.0 MHz	2150.0 MHz
	60.8	58.7	67.7	-

Loja 10				
Tomada final	Potência (dBμV)			
	47.0 MHz	862.0 MHz	950.0 MHz	2150.0 MHz
	60.9	59.0	68.0	-

Loja 8				
Tomada final	Potência (dBμV)			
	47.0 MHz	862.0 MHz	950.0 MHz	2150.0 MHz
	61.2	60.1	69.2	-

Loja 6				
Tomada final	Potência (dBμV)			
	47.0 MHz	862.0 MHz	950.0 MHz	2150.0 MHz
	61.9	62.9	72.1	-

Loja 4				
Tomada final	Potência (dBμV)			
	47.0 MHz	862.0 MHz	950.0 MHz	2150.0 MHz
	61.6	61.9	71.0	-

Loja 2				
Tomada final	Potência (dBμV)			
	47.0 MHz	862.0 MHz	950.0 MHz	2150.0 MHz
	61.0	59.5	68.5	-

MATV				
Tomada final	Potência (dBμV)			
	47.0 MHz	862.0 MHz	950.0 MHz	2150.0 MHz
	76.4	79.0	88.3	-

2.- INÍCIO DA REDE: CATV

2.1.- Resultados de cálculo: S/CATV

2.1.1 - Frequências 47 MHz e 862 MHz

Rede coletiva (A _{Col})						Rede individual (A _{Ind})						Rede (A _{Col} + A _{Ind})			
Referência	Ganhos (dB)		A (dB)		Tilt (dB)	Referência	Ganhos (dB)		A (dB)		Tilt (dB)	A (dB)		Tilt (dB)	
	47.0 MHz	862.0 MHz	47.0 MHz	862.0 MHz			47.0-862.0 MHz	47.0 MHz	862.0 MHz	47.0 MHz		862.0 MHz	47.0-862.0 MHz		47.0 MHz
Bastidor 1	20.0	25.0	-2.6	-5.8	3.2	C02			14.5	19.1	-4.6	11.9	13.4	-1.4	
						C03			14.1	17.5	-3.4	11.5	11.8	-0.3	
						C04			14.4	18.6	-4.3	11.8	12.9	-1.1	
						C05			15.6	23.5	-7.9	13.0	17.7	-4.7	
						C06			14.9	20.7	-5.8	12.3	14.9	-2.6	
						C07			15.0	21.0	-6.0	12.4	15.2	-2.8	
						C08			14.5	18.9	-4.5	11.9	13.2	-1.3	
						C09			14.2	17.9	-3.7	11.6	12.1	-0.5	
Bastidor 0	20.0	25.0	-2.4	-5.0	2.6	C10			16.6	18.5	-1.9	14.2	13.5	0.7	
Loja 9	20.0	25.0	0.7	1.2	-0.5				13.4	14.7	-1.3	14.1	16.0	-1.9	
Loja 7	20.0	25.0	0.1	-1.1	1.2				13.4	14.7	-1.3	13.5	13.6	-0.1	
Loja 5	20.0	25.0	-0.3	-2.7	2.4				13.4	14.7	-1.3	13.1	12.1	1.1	
Loja 3	20.0	25.0	0.4	0.0	0.4				13.4	14.7	-1.3	13.8	14.7	-0.9	
Loja 1	20.0	25.0	0.9	2.0	-1.1				13.4	14.7	-1.3	14.3	16.7	-2.4	
Loja 11	20.0	25.0	1.0	2.3	-1.3				13.2	14.0	-0.7	14.2	16.3	-2.1	
Loja 10	20.0	25.0	0.9	2.0	-1.1				13.2	14.0	-0.7	14.1	16.0	-1.9	
Loja 8	20.0	25.0	0.4	0.1	0.3				13.4	14.7	-1.3	13.8	14.9	-1.0	
Loja 6	20.0	25.0	-0.3	-2.7	2.4				13.4	14.7	-1.3	13.1	12.1	1.1	
Loja 4	20.0	25.0	0.0	-1.6	1.6				13.4	14.7	-1.3	13.4	13.1	0.3	
Loja 2	20.0	25.0	0.6	0.8	-0.2				13.4	14.7	-1.3	14.0	15.5	-1.5	
CATV			0.0	0.0	0.0		20.0	25.0	-1.4	-4.0	2.6	-1.4	-4.0	2.6	

2.1.2.- Frequências 950 MHz e 2150 MHz

Rede coletiva (A _{Col})						Rede individual (A _{Ind})						Rede (A _{Col} + A _{Ind})			
	Ganhos (dB)		A (dB)		Tilt (dB)		Ganhos (dB)		A (dB)		Tilt (dB)	A (dB)		Tilt (dB)	
Referência	950.0 MHz	2150.0 MHz	950.0 MHz	2150.0 MHz	950.0-2150.0 MHz	Referência	950.0 MHz	2150.0 MHz	950.0 MHz	2150.0 MHz	950.0-2150.0 MHz	950.0 MHz	2150.0 MHz	950.0-2150.0 MHz	
Bastidor 1	25.0	-	-5.6	-	0.0	C02			20.0	-	0.0	14.4	-	0.0	
						C03			18.3	-	0.0	12.7	-	0.0	
						C04			19.5	-	0.0	13.9	-	0.0	
						C05			24.6	-	0.0	19.0	-	0.0	
						C06			21.6	-	0.0	16.0	-	0.0	
						C07			21.9	-	0.0	16.4	-	0.0	
						C08			19.8	-	0.0	14.2	-	0.0	
					C09			18.6	-	0.0	13.1	-	0.0		
Bastidor 0	25.0	-	-4.8	-	0.0	C10			19.2	-	0.0	14.4	-	0.0	
Loja 9	25.0	-	1.7	-	0.0				15.3	-	0.0	17.0	-	0.0	
Loja 7	25.0	-	-0.8	-	0.0				15.3	-	0.0	14.5	-	0.0	
Loja 5	25.0	-	-2.5	-	0.0				15.3	-	0.0	12.9	-	0.0	
Loja 3	25.0	-	0.3	-	0.0				15.3	-	0.0	15.7	-	0.0	
Loja 1	25.0	-	2.5	-	0.0				15.3	-	0.0	17.8	-	0.0	
Loja 11	25.0	-	2.8	-	0.0				14.5	-	0.0	17.3	-	0.0	
Loja 10	25.0	-	2.5	-	0.0				14.5	-	0.0	17.0	-	0.0	
Loja 8	25.0	-	0.5	-	0.0				15.3	-	0.0	15.9	-	0.0	
Loja 6	25.0	-	-2.5	-	0.0				15.3	-	0.0	12.9	-	0.0	
Loja 4	25.0	-	-1.3	-	0.0				15.3	-	0.0	14.0	-	0.0	
Loja 2	25.0	-	1.2	-	0.0				15.3	-	0.0	16.5	-	0.0	
CATV			0.0	0.0	0.0		25.0	-	-3.3	-	0.0	-3.3	-	0.0	