

Sirkit : Jakarta -Ambon Jarak : 2383 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 84
 Penerima : Ambon (-3.60 ; 128.20). Arah Ant 162

Oct 2019				Nov 2019			Dec 2019						
Sdt	El	Ant	6-13	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	MUF	WIB
0	1.0	12.2	16.8	1.0	11.3	16.0	1.0	10.1	14.2				0
1	1.0	10.6	15.7	1.0	10.5	14.7	1.0	9.1	12.8				1
2	1.0	8.1	13.3	1.0	9.6	13.3	1.0	8.4	11.7				2
3	1.0	6.8	11.3	1.0	8.2	11.5	1.0	7.8	10.9				3
4	1.0	6.2	10.3	1.0	7.5	10.6	1.0	7.2	10.2				4
5	1.0	10.2	14.1	1.0	11.0	14.8	1.0	9.4	12.7				5
6	1.0	17.3	20.4	1.0	15.3	19.8	1.0	13.0	16.7				6
7	1.0	18.5	21.8	1.0	15.4	19.9	1.0	14.4	18.0				7
8	1.0	18.5	21.8	1.0	16.2	19.5	1.0	16.2	18.0				8
9	1.0	20.0	23.2	1.0	17.4	20.6	1.0	17.3	19.3				9
10	1.0	21.4	24.2	1.0	18.9	23.3	1.0	18.0	20.8				10
11	1.0	22.8	25.7	1.0	20.6	25.4	1.0	18.3	22.2				11
12	1.0	24.7	27.9	1.0	21.6	26.6	1.0	20.0	24.3				12
13	1.0	26.0	30.1	1.0	21.6	26.6	1.0	21.4	26.4				13
14	1.0	26.5	31.0	1.0	21.1	26.0	1.0	21.5	26.5				14
15	1.0	25.2	29.5	1.0	22.0	27.1	1.0	20.7	25.5				15
16	1.0	25.3	29.6	1.0	21.8	26.8	1.0	19.3	23.8				16
17	1.0	21.7	27.4	1.0	18.8	25.5	1.0	16.1	21.9				17
18	1.0	18.1	24.9	1.0	16.5	24.8	1.0	14.5	21.6				18
19	1.0	17.8	24.5	1.0	15.6	23.5	1.0	14.6	21.7				19
20	1.0	17.6	24.3	1.0	15.4	23.3	1.0	14.6	21.8				20
21	1.0	17.4	24.1	1.0	17.1	25.0	1.0	15.3	22.1				21
22	1.0	15.9	21.7	1.0	17.0	23.8	1.0	14.1	19.6				22
23	1.0	14.2	19.4	1.0	13.9	19.6	1.0	11.8	16.5				23

Keterangan :

- (1) Arah antenna dalam derajat & dihitung searah jarum jam, UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Bandung Jarak : 106 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 129
 Penerima : Bandung (-6.90 ; 107.60). Arah Ant 309

Sdt	Oct 2019				Nov 2019			Dec 2019			WIB
	El Ant	77-82	77-82	77-82	LUF	OWF	MUF	LUF	OWF	MUF	
0	1.0	5.1	6.8	1.0	5.3	7.3	1.0	4.8	6.5	0	
1	1.0	4.7	6.2	1.0	4.7	6.5	1.0	4.2	5.6	1	
2	1.0	3.9	5.5	1.0	4.3	5.8	1.0	3.8	5.2	2	
3	1.0	3.2	4.9	1.0	4.0	5.3	1.0	3.5	4.7	3	
4	1.0	2.7	4.1	1.0	3.3	4.4	1.0	3.2	4.3	4	
5	1.0	2.7	4.1	1.0	3.2	4.3	1.0	3.1	4.2	5	
6	1.5	4.4	5.9	1.6	4.7	6.1	1.6	4.1	5.3	6	
7	2.3	6.5	7.6	2.3	5.6	7.0	2.3	5.0	6.3	7	
8	2.6	7.2	8.4	2.6	5.9	7.5	2.6	5.7	7.1	8	
9	2.8	7.9	9.1	2.8	6.7	8.5	2.8	6.2	7.8	9	
10	2.9	9.0	10.4	2.9	7.7	9.6	2.9	6.9	8.5	10	
11	3.0	10.1	11.4	3.0	9.0	10.9	3.0	7.8	9.4	11	
12	3.0	10.9	12.2	3.0	9.7	11.9	3.0	8.8	10.6	12	
13	3.0	11.4	12.8	3.0	10.1	12.3	3.0	9.4	11.4	13	
14	2.9	11.3	13.0	2.9	10.2	12.4	2.9	9.6	11.7	14	
15	2.8	10.9	12.7	2.8	10.0	12.2	2.8	9.3	11.3	15	
16	2.5	10.6	12.3	2.5	9.8	11.9	2.5	8.9	10.9	16	
17	2.1	10.1	11.7	2.1	9.5	11.6	2.2	8.5	10.3	17	
18	1.0	8.6	10.8	1.0	8.5	11.3	1.0	7.3	9.7	18	
19	1.0	7.4	10.0	1.0	7.2	10.5	1.0	6.5	9.4	19	
20	1.0	6.8	9.2	1.0	6.8	10.1	1.0	6.2	9.0	20	
21	1.0	6.4	8.7	1.0	6.5	9.6	1.0	6.0	8.7	21	
22	1.0	6.0	8.1	1.0	6.4	9.2	1.0	5.9	8.3	22	
23	1.0	5.5	7.4	1.0	6.3	8.6	1.0	5.4	7.3	23	

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam, UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Banda Aceh Jarak : 1830 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 316
 Penerima : Banda Aceh (5.50 ; 95.35). Arah Ant 136

Sdt	Oct 2019				Nov 2019			Dec 2019			WIB
	El Ant	10-24			11-24			10-26			
	WIB	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	MUF	WIB
0	1.0	10.4	14.3	1.0	9.1	13.3	1.0	7.1	10.4	0	
1	1.0	8.7	12.0	1.0	8.0	11.6	1.0	6.2	9.1	1	
2	1.0	7.8	11.6	1.0	7.4	10.9	1.0	5.9	8.7	2	
3	1.0	6.4	10.4	1.0	6.9	10.0	1.0	5.5	8.1	3	
4	1.0	5.6	9.2	1.0	5.9	8.7	1.0	5.3	7.8	4	
5	1.0	4.7	7.9	1.0	5.1	7.6	1.0	4.7	7.0	5	
6	1.0	8.0	11.1	1.0	7.9	10.7	1.0	6.7	9.0	6	
7	1.0	15.1	17.8	1.0	13.0	15.9	1.0	11.9	14.4	7	
8	1.0	16.6	19.5	1.0	13.9	16.9	1.0	13.3	16.1	8	
9	1.0	15.6	18.2	1.0	13.2	15.8	1.0	13.1	14.8	9	
10	1.0	14.8	17.2	1.0	14.2	15.6	1.0	14.1	14.4	10	
11	1.0	15.3	17.3	1.0	14.8	16.2	1.0	14.7	14.7	11	
12	1.0	15.3	16.9	1.0	15.1	16.5	1.0	15.0	15.0	12	
13	1.0	15.6	17.6	1.0	15.0	16.7	1.0	14.9	15.7	13	
14	1.0	16.6	19.2	1.0	14.6	17.2	1.0	14.5	16.3	14	
15	1.0	17.0	19.9	1.0	14.9	17.9	1.0	13.8	16.6	15	
16	1.0	17.6	20.6	1.0	15.4	18.5	1.0	13.9	16.7	16	
17	1.0	17.3	20.2	1.0	15.7	18.9	1.0	14.2	17.0	17	
18	1.0	15.7	19.8	1.0	14.3	18.5	1.0	13.0	16.7	18	
19	1.0	13.8	19.0	1.0	12.6	17.5	1.0	11.5	15.8	19	
20	1.0	13.9	19.1	1.0	12.1	16.9	1.0	10.8	15.0	20	
21	1.0	15.2	20.8	1.0	13.0	18.2	1.0	11.4	15.7	21	
22	1.0	16.6	22.9	1.0	14.7	20.9	1.0	12.1	17.0	22	

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkit : Jakarta -Bandar Lam Jarak : 201 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 298
 Penerima : Bandar Lampung (-5.45 ; 105.25). Arah Ant 118

Sdt El Ant	Oct 2019			Nov 2019			Dec 2019			WIB
	WIB	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	
0	1.0	5.3	7.2	1.0	5.5	7.6	1.0	4.8	6.6	0
1	1.0	4.9	6.6	1.0	4.8	6.7	1.0	4.1	5.6	1
2	1.0	4.0	5.8	1.0	4.4	6.0	1.0	3.8	5.2	2
3	1.0	3.2	5.1	1.0	4.0	5.5	1.0	3.5	4.7	3
4	1.0	2.7	4.3	1.0	3.3	4.4	1.0	3.2	4.3	4
5	1.0	2.6	4.1	1.0	3.2	4.3	1.0	3.0	4.1	5
6	1.4	4.4	5.9	1.5	4.7	6.1	1.6	4.0	5.3	6
7	2.4	6.7	7.8	2.4	5.7	7.3	2.4	5.1	6.4	7
8	2.7	7.5	8.8	2.7	6.1	7.7	2.7	5.8	7.3	8
9	3.0	8.0	9.4	3.0	6.8	8.7	2.9	6.3	8.0	9
10	3.1	9.3	10.7	3.1	7.8	9.8	3.1	7.1	8.8	10
11	3.2	10.4	11.7	3.2	9.2	11.2	3.2	8.0	9.6	11
12	3.2	11.3	12.7	3.2	10.0	12.3	3.2	8.9	10.8	12
13	3.2	11.9	13.4	3.2	10.4	12.7	3.2	9.6	11.6	13

14	3.1	11.8	13.6	3.1	10.5	12.9	3.1	9.8	12.0	14
15	2.9	11.3	13.2	2.9	10.4	12.7	2.9	9.4	11.6	15
16	2.7	11.0	12.8	2.7	10.1	12.4	2.7	9.1	11.2	16
17	2.3	10.5	12.2	2.3	9.9	12.1	2.3	8.7	10.7	17
18	1.0	9.1	11.4	1.1	8.8	11.8	1.3	7.5	10.1	18
19	1.0	7.8	10.7	1.0	7.4	11.0	1.0	6.6	9.7	19
20	1.0	7.2	9.8	1.0	7.1	10.5	1.0	6.3	9.2	20
21	1.0	6.8	9.3	1.0	6.7	10.0	1.0	6.1	9.0	21
22	1.0	6.4	8.7	1.0	6.7	9.7	1.0	6.0	8.6	22
23	1.0	5.8	7.8	1.0	6.6	9.1	1.0	5.5	7.5	23

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Banjarmasi Jarak : 921 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 69
 Penerima : Banjarmasin (-3.30 ; 114.60). Arah Ant 148

		Oct 2019			Nov 2019			Dec 2019				
Sdt El Ant		26-40			26-40			26-40				
WIB	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	MUF	WIB		
0	1.0	7.1	9.6	1.0	6.6	9.5	1.0	5.8	8.2	0		
1	1.0	6.6	9.0	1.0	5.9	8.6	1.0	5.0	7.1	1		
2	1.0	5.3	7.9	1.0	5.3	7.7	1.0	4.7	6.8	2		
3	1.0	4.1	6.7	1.0	4.8	6.9	1.0	4.3	6.2	3		
4	1.0	3.6	5.8	1.0	4.0	5.8	1.0	4.1	5.9	4		

5	1.0	4.0	6.5	1.0	4.7	6.8	1.0	4.3	6.2	5
6	1.0	7.2	9.8	1.0	7.4	9.8	1.0	6.3	8.3	6
7	1.0	10.3	12.1	1.0	8.9	10.8	1.0	8.0	9.6	7
8	1.0	10.5	12.3	1.0	8.8	10.7	1.0	8.4	10.0	8
9	1.0	10.8	12.7	1.0	9.5	11.5	1.0	8.8	10.5	9
10	1.0	12.0	13.8	1.0	10.5	12.7	1.0	9.5	11.4	10
11	1.0	13.0	14.7	1.0	11.7	14.2	1.0	10.3	12.3	11
12	1.0	14.0	15.8	1.0	12.6	15.3	1.0	11.2	13.4	12
13	1.0	15.0	16.9	1.0	12.8	15.5	1.0	12.1	14.5	13
14	1.0	15.0	17.4	1.0	12.8	15.5	1.0	12.5	15.0	14
15	1.0	14.4	16.8	1.0	13.0	15.6	1.0	12.0	14.4	15
16	1.0	14.2	16.5	1.0	12.9	15.5	1.0	11.5	13.7	16
17	1.0	13.5	15.8	1.0	12.5	15.0	1.0	11.0	13.1	17
18	1.0	11.7	14.7	1.0	11.3	14.7	1.0	9.8	12.5	18
19	1.0	10.2	14.0	1.0	9.9	13.8	1.0	8.9	12.2	19
20	1.0	9.8	13.4	1.0	9.6	13.3	1.0	8.7	12.0	20
21	1.0	9.6	13.1	1.0	9.6	13.4	1.0	8.8	12.1	21
22	1.0	9.2	12.7	1.0	9.5	13.5	1.0	8.1	11.3	22
23	1.0	8.1	10.9	1.0	8.2	11.8	1.0	6.6	9.4	23

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OMF dan MUF
- (4) Satuan LUF, OMF, dan MUF dalam MHz

sirkuit : Jakarta -Bengkulu Jarak : 571 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 299
 Penerima : Bengkulu (-3.80 ; 102.35). Arah Ant 119

Sdt	El	Oct 2019			Nov 2019			Dec 2019			WIB
		Ant	39-53		39-55		39-55		39-55		
	WIB	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	MUF	WIB
0	1.0	6.1	8.2	1.0	6.2	8.6	1.0	5.2	7.2	0	
1	1.0	5.5	7.5	1.0	5.4	7.6	1.0	4.4	6.1	1	
2	1.0	4.6	6.7	1.0	4.9	6.8	1.0	4.2	5.7	2	
3	1.0	3.6	5.7	1.0	4.5	6.2	1.0	3.8	5.2	3	
4	1.0	3.1	4.9	1.0	3.7	5.0	1.0	3.7	5.0	4	
5	1.0	2.8	4.6	1.0	3.5	4.8	1.0	3.3	4.6	5	
6	1.0	4.8	6.6	1.0	5.1	6.8	1.0	4.4	5.8	6	
7	1.0	7.8	9.1	1.0	6.5	8.3	1.0	5.7	7.2	7	
8	1.0	8.5	9.9	1.0	6.7	8.6	1.0	6.5	8.2	8	
9	1.0	8.8	10.2	1.0	7.5	9.6	1.0	6.9	8.7	9	
10	1.0	10.1	11.7	1.0	8.4	10.5	1.0	7.7	9.5	10	
11	1.0	11.1	12.5	1.0	9.8	12.0	1.0	8.5	10.3	11	
12	1.0	12.1	13.6	1.0	10.7	13.1	1.0	9.5	11.5	12	
13	1.0	13.0	14.6	1.0	11.1	13.6	1.0	10.2	12.3	13	
14	1.0	13.0	15.0	1.0	11.3	13.9	1.0	10.6	13.0	14	
15	1.0	12.4	14.5	1.0	11.2	13.7	1.0	10.1	12.4	15	
16	1.0	12.1	14.1	1.0	11.1	13.5	1.0	9.9	12.1	16	
17	1.0	11.6	13.5	1.0	10.9	13.3	1.0	9.6	11.7	17	
18	1.0	10.2	12.8	1.0	9.7	13.0	1.0	8.2	11.0	18	
19	1.0	8.8	12.0	1.0	8.2	12.2	1.0	7.2	10.6	19	
20	1.0	8.2	11.2	1.0	7.8	11.6	1.0	6.9	10.1	20	
21	1.0	7.9	10.8	1.0	7.4	11.1	1.0	6.8	10.0	21	
22	1.0	7.6	10.4	1.0	7.6	11.1	1.0	6.7	9.5	22	
23	1.0	6.7	9.1	1.0	7.5	10.4	1.0	6.0	8.2	23	

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Denpasar Jarak : 958 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 107
 Penerima : Denpasar (-8.70 ; 115.20). Arah Ant 286

Sdt	Oct 2019				Nov 2019			Dec 2019			WIB
	El Ant	25-36			25-37			25-37			
	WIB	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	MUF	
0	1.0	7.2	9.8	1.0	7.4	10.3	1.0	6.7	9.3	0	
1	1.0	6.5	8.8	1.0	6.5	9.1	1.0	5.9	8.1	1	
2	1.0	5.2	7.7	1.0	5.9	8.2	1.0	5.5	7.6	2	
3	1.0	4.2	6.8	1.0	5.4	7.4	1.0	5.0	6.9	3	
4	1.0	3.6	5.9	1.0	4.6	6.3	1.0	4.6	6.4	4	
5	1.0	4.2	6.8	1.0	5.3	7.2	1.0	4.9	6.7	5	
6	1.0	7.4	10.1	1.0	7.7	10.2	1.0	6.6	8.8	6	
7	1.0	10.4	12.1	1.0	8.5	11.0	1.0	7.7	9.8	7	
8	1.0	10.5	12.3	1.0	8.5	11.0	1.0	8.1	10.2	8	
9	1.0	11.2	13.1	1.0	9.3	11.8	1.0	8.6	10.9	9	
10	1.0	12.4	14.3	1.0	10.6	13.3	1.0	9.6	11.9	10	
11	1.0	13.9	15.6	1.0	12.4	15.2	1.0	10.8	13.2	11	
12	1.0	14.9	16.7	1.0	13.3	16.4	1.0	12.0	14.6	12	
13	1.0	15.7	17.7	1.0	13.7	16.8	1.0	13.2	16.0	13	
14	1.0	15.7	18.1	1.0	13.6	16.7	1.0	13.6	16.7	14	
15	1.0	15.0	17.5	1.0	13.4	16.4	1.0	13.0	16.0	15	
16	1.0	14.7	17.2	1.0	13.3	16.3	1.0	12.1	14.9	16	
17	1.0	14.0	16.4	1.0	12.8	15.8	1.0	11.3	13.8	17	
18	1.0	11.6	14.7	1.0	11.3	15.2	1.0	9.8	13.2	18	
19	1.0	9.7	13.3	1.0	9.5	14.2	1.0	8.8	12.9	19	
20	1.0	9.2	12.6	1.0	9.1	13.7	1.0	8.7	12.8	20	
21	1.0	8.9	12.2	1.0	9.1	13.7	1.0	8.6	12.7	21	
22	1.0	8.6	11.9	1.0	9.4	13.7	1.0	8.4	12.1	22	
23	1.0	8.0	10.9	1.0	8.9	12.4	1.0	7.8	10.7	23	

Keterangan :

- (1) Arah antenna dalam derajat & dihitung searah jarum jam,
 UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Gorontalo Jarak : 1955 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 68
 Penerima : Gorontalo (0.50 ; 123.10). Arah Ant 147

Sdt	El	Ant	Oct 2019			Nov 2019			Dec 2019			WIB
			9-20	LUF	OWF	MUF	9-20	LUF	OWF	MUF	9-20	
0	1.0	10.8	14.8	1.0	9.2	13.4	1.0	8.0	11.6	0		
1	1.0	9.6	14.2	1.0	8.5	12.5	1.0	7.2	10.4	1		
2	1.0	7.4	12.0	1.0	7.7	11.2	1.0	6.8	9.9	2		
3	1.0	6.0	10.0	1.0	6.8	9.9	1.0	6.2	9.1	3		
4	1.0	5.3	8.8	1.0	6.0	8.9	1.0	5.7	8.5	4		
5	1.0	8.3	11.5	1.0	8.8	11.9	1.0	8.0	10.6	5		
6	1.0	15.1	17.7	1.0	14.0	17.2	1.0	12.0	14.6	6		
7	1.0	17.2	20.2	1.0	14.9	18.2	1.0	13.8	16.7	7		
8	1.0	16.9	19.8	1.0	14.2	17.4	1.0	14.0	16.0	8		
9	1.0	16.9	19.6	1.0	15.2	17.6	1.0	15.1	16.4	9		
10	1.0	17.7	20.0	1.0	15.9	18.9	1.0	15.8	17.1	10		
11	1.0	18.1	20.4	1.0	16.5	20.1	1.0	16.1	17.7	11		
12	1.0	19.2	21.7	1.0	17.1	20.8	1.0	16.0	19.0	12		
13	1.0	20.3	23.5	1.0	17.3	21.0	1.0	17.1	20.5	13		
14	1.0	21.3	24.9	1.0	17.8	21.3	1.0	17.4	20.9	14		
15	1.0	20.8	24.3	1.0	18.2	21.8	1.0	17.0	20.4	15		
16	1.0	20.9	24.4	1.0	18.6	22.3	1.0	16.5	19.8	16		
17	1.0	18.3	23.1	1.0	16.4	21.3	1.0	14.7	18.9	17		
18	1.0	15.6	21.5	1.0	14.8	20.7	1.0	13.6	18.7	18		
19	1.0	15.7	21.6	1.0	14.1	19.7	1.0	13.4	18.4	19		
20	1.0	16.0	22.1	1.0	14.4	20.2	1.0	13.4	18.5	20		
21	1.0	16.3	22.5	1.0	15.5	22.0	1.0	13.6	19.1	21		
22	1.0	15.6	21.2	1.0	14.6	21.0	1.0	11.9	17.0	22		
23	1.0	12.9	17.6	1.0	11.5	16.7	1.0	9.3	13.4	23		

Keterangan :

(1) Arah antenna dalam derajat & dihitung searah jarum jam,

- UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
 - (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
 - (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Jambi Jarak : 619 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 326
 Penerima : Jambi (-1.70 ; 103.70). Arah Ant 146

Sdt El Ant	Oct 2019			Nov 2019			Dec 2019			WIB	
	37-52	37-52	37-52	37-53	37-53	37-53	37-54	37-54	37-54		
	WIB	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	MUF	WIB
0	1.0	6.0	8.1	1.0	5.8	8.3	1.0	4.8	6.8	0	
1	1.0	5.5	7.5	1.0	5.2	7.4	1.0	4.1	5.9	1	
2	1.0	4.6	6.7	1.0	4.6	6.7	1.0	3.9	5.6	2	
3	1.0	3.6	5.8	1.0	4.3	6.1	1.0	3.5	5.1	3	
4	1.0	3.1	5.0	1.0	3.5	5.0	1.0	3.4	4.9	4	
5	1.0	2.9	4.6	1.0	3.3	4.8	1.0	3.2	4.5	5	
6	1.0	5.0	6.9	1.0	5.3	6.9	1.0	4.5	5.9	6	
7	1.0	8.1	9.5	1.0	7.1	8.7	1.0	6.4	7.6	7	
8	1.0	8.8	10.3	1.0	7.4	9.0	1.0	7.1	8.5	8	
9	1.0	9.1	10.6	1.0	8.1	9.8	1.0	7.5	9.0	9	
10	1.0	10.2	11.8	1.0	8.8	10.7	1.0	8.0	9.6	10	
11	1.0	11.1	12.5	1.0	9.9	11.9	1.0	8.7	10.4	11	
12	1.0	11.9	13.4	1.0	10.7	12.9	1.0	9.5	11.4	12	
13	1.0	12.6	14.2	1.0	11.0	13.3	1.0	10.2	12.1	13	
14	1.0	12.7	14.6	1.0	11.2	13.6	1.0	10.6	12.7	14	
15	1.0	12.2	14.3	1.0	11.3	13.5	1.0	10.2	12.2	15	
16	1.0	12.0	14.0	1.0	11.2	13.4	1.0	10.0	11.9	16	
17	1.0	11.6	13.5	1.0	11.0	13.2	1.0	9.7	11.7	17	

18	1.0	10.3	12.9	1.0	10.0	12.9	1.0	8.7	11.0	18
19	1.0	9.0	12.2	1.0	8.8	12.1	1.0	7.7	10.6	19
20	1.0	8.5	11.5	1.0	8.4	11.6	1.0	7.3	10.0	20
21	1.0	8.3	11.3	1.0	8.1	11.3	1.0	7.3	10.0	21
22	1.0	8.0	11.0	1.0	8.1	11.4	1.0	6.9	9.6	22
23	1.0	6.9	9.4	1.0	7.2	10.2	1.0	5.6	7.9	23

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Jayapura Jarak : 3764 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 85
 Penerima : Jayapura (-2.50 ; 140.60). Arah Ant 162

Oct 2019				Nov 2019			Dec 2019			
Sdt	El Ant	0-3		0-4			0-3			
WIB	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	MUF	WIB
0	1.0	14.2	19.6	1.0	12.4	18.3	1.0	11.2	16.3	0
1	1.0	11.9	17.8	1.0	11.1	16.4	1.0	10.1	14.8	1
2	1.0	8.8	14.6	1.0	10.1	14.8	1.0	9.0	13.3	2
3	1.0	7.3	12.3	1.0	8.7	12.8	1.0	8.3	12.2	3

4	1.0	8.0	13.4	1.0	9.4	13.8	1.0	8.5	12.6	4
5	1.0	14.6	20.1	1.0	15.4	20.7	1.0	13.0	17.3	5
6	1.0	22.4	26.4	1.0	20.5	25.1	1.0	17.9	21.6	6
7	1.0	22.6	26.6	1.0	20.3	24.8	1.0	18.5	22.3	7
8	1.0	23.0	27.0	1.0	20.5	25.0	1.0	18.8	22.7	8
9	1.0	25.1	29.1	1.0	21.7	26.5	1.0	20.3	24.5	9
10	1.0	26.6	30.1	1.0	24.3	29.6	1.0	21.7	26.2	10
11	1.0	28.4	32.0	1.0	25.9	31.5	1.0	23.5	28.2	11
12	1.0	30.6	34.6	1.0	26.7	32.5	1.0	25.6	30.8	12
13	1.0	31.6	36.6	1.0	26.8	32.5	1.0	27.0	32.4	13
14	1.0	31.9	37.3	1.0	26.6	32.0	1.0	26.3	31.6	14
15	1.0	30.7	36.0	1.0	27.7	33.2	1.0	25.3	30.4	15
16	1.0	29.8	34.9	1.0	27.1	32.6	1.0	23.6	28.4	16
17	1.0	24.9	31.5	1.0	23.7	30.8	1.0	20.4	26.2	17
18	1.0	21.3	29.4	1.0	21.1	29.5	1.0	19.0	26.3	18
19	1.0	21.7	29.9	1.0	20.1	28.1	1.0	19.2	26.5	19
20	1.0	21.7	30.0	1.0	20.6	28.9	1.0	19.1	26.5	20
21	1.0	21.0	29.1	1.0	21.4	30.4	1.0	18.4	25.9	21
22	1.0	18.4	25.2	1.0	18.7	27.1	1.0	15.2	21.9	22
23	1.0	16.3	22.4	1.0	14.9	21.7	1.0	13.0	18.8	23

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Kendari Jarak : 1763 KM
Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 82
Penerima : Kendari (-3.95 ; 122.60). Arah Ant 261

Oct 2019				Nov 2019				Dec 2019			
Sdt El Ant 11-21				11-21				11-21			
WIB	LUF	OWF	MUF	LUF	OWF	MUF	WIB	LUF	OWF	MUF	WIB

0	1.0	10.5	14.4	1.0	9.9	13.9	1.0	8.8	12.3	0
1	1.0	9.1	13.5	1.0	9.1	12.7	1.0	7.7	10.8	1
2	1.0	7.1	11.6	1.0	8.3	11.5	1.0	7.3	10.2	2
3	1.0	6.0	9.8	1.0	7.3	10.1	1.0	6.7	9.4	3
4	1.0	5.2	8.7	1.0	6.3	8.9	1.0	6.3	8.8	4
5	1.0	7.9	11.0	1.0	8.6	11.6	1.0	7.6	10.2	5
6	1.0	13.9	16.3	1.0	12.4	16.0	1.0	10.6	13.6	6
7	1.0	15.7	18.4	1.0	12.9	16.7	1.0	11.8	15.0	7
8	1.0	15.7	18.4	1.0	12.9	16.2	1.0	12.8	15.1	8
9	1.0	16.4	19.0	1.0	13.9	16.8	1.0	13.8	15.7	9
10	1.0	17.6	19.8	1.0	15.2	18.7	1.0	14.5	17.0	10
11	1.0	18.7	21.1	1.0	16.8	20.7	1.0	14.8	18.0	11
12	1.0	20.3	22.9	1.0	17.8	21.9	1.0	16.2	19.6	12
13	1.0	21.6	25.0	1.0	17.9	22.0	1.0	17.6	21.7	13
14	1.0	22.2	26.0	1.0	17.6	21.7	1.0	18.1	22.2	14
15	1.0	21.1	24.7	1.0	18.1	22.3	1.0	17.3	21.3	15
16	1.0	21.2	24.8	1.0	18.1	22.3	1.0	16.1	19.9	16
17	1.0	18.4	23.3	1.0	15.8	21.4	1.0	13.7	18.5	17
18	1.0	15.4	21.1	1.0	13.9	20.9	1.0	12.2	18.1	18
19	1.0	14.9	20.5	1.0	13.1	19.7	1.0	12.2	18.1	19
20	1.0	14.7	20.2	1.0	13.0	19.6	1.0	12.2	18.2	20
21	1.0	14.6	20.1	1.0	14.2	20.7	1.0	12.9	18.6	21
22	1.0	13.7	18.7	1.0	14.6	20.4	1.0	12.2	16.9	22
23	1.0	12.1	16.5	1.0	12.3	17.2	1.0	10.2	14.2	23

Keterangan :

- (1) Arah antenna dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OMF dan MUF
- (4) Satuan LUF, OMF, dan MUF dalam MHz

Sirkuit : Jakarta -Kupang Jarak : 1903 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 104
 Penerima : Kupang (-10.20 ; 123.70). Arah Ant 282

Sdt	El	Ant	Oct 2019			Nov 2019			Dec 2019			WIB
			10-17	MUF	OWF	10-17	MUF	OWF	10-17	MUF	OWF	
0	1.0	10.7	14.6	1.0	11.2	15.8	1.0	10.3	14.3	0		
1	1.0	8.8	13.1	1.0	10.1	14.1	1.0	9.1	12.7	1		
2	1.0	7.1	11.5	1.0	9.2	12.6	1.0	8.5	11.7	2		
3	1.0	6.2	10.3	1.0	8.2	11.4	1.0	7.7	10.6	3		
4	1.0	5.4	8.9	1.0	7.2	10.0	1.0	6.9	9.6	4		
5	1.0	8.5	11.8	1.0	9.5	12.8	1.0	8.4	11.3	5		
6	1.0	14.4	16.9	1.0	12.8	16.5	1.0	11.3	14.4	6		
7	1.0	16.0	18.8	1.0	13.5	17.4	1.0	12.3	15.7	7		
8	1.0	16.4	19.3	1.0	13.9	17.1	1.0	13.9	15.9	8		
9	1.0	17.9	20.7	1.0	15.0	18.4	1.0	14.9	17.0	9		
10	1.0	19.2	21.7	1.0	16.9	20.9	1.0	15.6	18.6	10		
11	1.0	21.1	23.8	1.0	19.3	23.7	1.0	17.1	20.8	11		
12	1.0	22.8	25.7	1.0	20.2	24.9	1.0	18.6	22.6	12		
13	1.0	23.3	26.9	1.0	20.5	25.2	1.0	20.6	25.4	13		
14	1.0	23.6	27.6	1.0	19.9	24.4	1.0	21.2	26.1	14		
15	1.0	22.5	26.3	1.0	19.9	24.5	1.0	20.0	24.7	15		
16	1.0	22.4	26.3	1.0	20.0	24.6	1.0	18.0	22.1	16		
17	1.0	19.5	24.6	1.0	17.3	23.4	1.0	14.9	20.3	17		
18	1.0	15.6	21.4	1.0	15.0	22.5	1.0	13.2	19.6	18		
19	1.0	14.0	19.3	1.0	14.1	21.2	1.0	13.2	19.6	19		
20	1.0	13.7	18.9	1.0	13.7	20.6	1.0	13.4	19.9	20		
21	1.0	13.5	18.7	1.0	14.7	21.6	1.0	13.8	19.9	21		
22	1.0	13.1	18.0	1.0	15.1	21.2	1.0	13.6	18.8	22		
23	1.0	12.3	16.9	1.0	13.4	18.8	1.0	12.0	16.7	23		

Keterangan :

- (1) Arah antenna dalam derajat & dihitung searah jarum jam,
 UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkit : Jakarta -Makassar Jarak : 1395 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 85
 Penerima : Makassar (-5.10 ; 119.40). Arah Ant 164

Sdt	Oct 2019				Nov 2019			Dec 2019			WIB
	El Ant	16-27	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	
0	1.0	9.0	12.3	1.0	8.7	12.2	1.0	7.8	10.8	0	
1	1.0	7.8	11.5	1.0	7.9	11.0	1.0	6.7	9.4	1	
2	1.0	6.1	9.9	1.0	7.3	10.0	1.0	6.5	8.9	2	
3	1.0	5.2	8.5	1.0	6.4	8.9	1.0	5.9	8.2	3	
4	1.0	4.5	7.4	1.0	5.5	7.6	1.0	5.5	7.7	4	
5	1.0	6.5	9.0	1.0	7.1	9.6	1.0	6.4	8.6	5	
6	1.0	11.4	13.4	1.0	10.3	13.3	1.0	8.9	11.3	6	
7	1.0	13.3	15.6	1.0	10.9	14.0	1.0	9.9	12.6	7	
8	1.0	13.2	15.5	1.0	10.6	13.6	1.0	10.3	12.7	8	
9	1.0	13.8	16.0	1.0	11.3	14.3	1.0	11.2	13.2	9	
10	1.0	15.0	16.9	1.0	12.8	15.8	1.0	11.8	14.3	10	
11	1.0	16.1	18.1	1.0	14.4	17.7	1.0	12.6	15.3	11	
12	1.0	17.4	19.6	1.0	15.4	18.9	1.0	13.8	16.8	12	
13	1.0	18.4	21.3	1.0	15.6	19.1	1.0	15.1	18.6	13	
14	1.0	18.9	22.0	1.0	15.4	18.9	1.0	15.7	19.2	14	
15	1.0	18.0	21.1	1.0	15.5	19.1	1.0	15.0	18.4	15	
16	1.0	18.0	21.0	1.0	15.6	19.1	1.0	13.9	17.1	16	
17	1.0	15.7	19.9	1.0	13.7	18.5	1.0	11.9	16.0	17	
18	1.0	13.1	18.0	1.0	12.0	18.0	1.0	10.5	15.5	18	
19	1.0	12.4	17.1	1.0	11.3	16.9	1.0	10.4	15.3	19	
20	1.0	12.1	16.6	1.0	11.1	16.6	1.0	10.4	15.4	20	
21	1.0	12.1	16.6	1.0	11.9	17.4	1.0	10.9	15.7	21	
22	1.0	11.6	15.8	1.0	12.5	17.4	1.0	10.6	14.7	22	
23	1.0	10.3	14.0	1.0	10.8	15.1	1.0	9.0	12.5	23	

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam, UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Manado Jarak : 2183 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 67
 Penerima : Manado (1.50 ; 124.90). Arah Ant 146

Sdt	Oct 2019				Nov 2019			Dec 2019			WIB
	El	Ant	7-17		LUF	OWF	MUF	LUF	OWF	MUF	
0	1.0	11.3	15.5	1.0	9.4	13.8	1.0	8.2	11.8	0	
1	1.0	10.0	14.9	1.0	8.7	12.9	1.0	7.4	10.8	1	
2	1.0	7.6	12.5	1.0	7.9	11.5	1.0	6.9	10.2	2	
3	1.0	6.2	10.3	1.0	6.9	10.1	1.0	6.4	9.4	3	
4	1.0	5.4	9.2	1.0	6.3	9.3	1.0	5.9	8.7	4	
5	1.0	8.9	12.4	1.0	9.5	12.7	1.0	8.6	11.4	5	
6	1.0	16.3	19.2	1.0	15.1	18.5	1.0	13.0	15.7	6	
7	1.0	18.2	21.4	1.0	15.8	19.3	1.0	14.7	17.8	7	
8	1.0	17.8	20.9	1.0	15.2	18.6	1.0	15.0	17.0	8	
9	1.0	17.9	20.7	1.0	16.2	18.7	1.0	16.1	17.4	9	
10	1.0	18.6	21.1	1.0	17.0	20.0	1.0	16.8	18.0	10	
11	1.0	18.9	21.4	1.0	17.3	21.0	1.0	17.1	18.7	11	
12	1.0	20.0	22.6	1.0	17.7	21.6	1.0	17.0	19.9	12	
13	1.0	21.0	24.2	1.0	18.0	21.8	1.0	17.7	21.3	13	
14	1.0	22.1	25.9	1.0	18.6	22.3	1.0	18.0	21.6	14	
15	1.0	21.6	25.4	1.0	19.0	22.9	1.0	17.7	21.3	15	
16	1.0	21.7	25.5	1.0	19.5	23.4	1.0	17.3	20.8	16	
17	1.0	19.1	24.1	1.0	17.2	22.3	1.0	15.5	19.8	17	
18	1.0	16.4	22.5	1.0	15.4	21.5	1.0	14.3	19.7	18	
19	1.0	16.6	22.9	1.0	14.7	20.5	1.0	14.1	19.4	19	
20	1.0	17.1	23.6	1.0	15.2	21.2	1.0	14.0	19.4	20	

21	1.0	17.4	24.0	1.0	16.4	23.3	1.0	14.2	20.0	21
22	1.0	16.5	22.5	1.0	15.0	21.7	1.0	12.2	17.5	22
23	1.0	13.5	18.5	1.0	11.8	17.1	1.0	9.4	13.6	23

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Mataram Jarak : 1051 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 105
 Penerima : Mataram (-8.60 ; 116.10). Arah Ant 283

		Oct 2019			Nov 2019			Dec 2019				
Sdt El Ant		22-33			22-34			22-34				
WIB	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	MUF	WIB		
0	1.0	7.6	10.4	1.0	7.8	10.9	1.0	7.1	9.8	0		
1	1.0	6.8	9.4	1.0	6.9	9.7	1.0	6.2	8.6	1		
2	1.0	5.5	8.2	1.0	6.3	8.7	1.0	5.8	8.0	2		
3	1.0	4.5	7.2	1.0	5.7	7.9	1.0	5.3	7.3	3		
4	1.0	3.8	6.2	1.0	4.8	6.7	1.0	4.9	6.8	4		
5	1.0	4.5	7.3	1.0	5.7	7.8	1.0	5.2	7.2	5		
6	1.0	7.9	10.8	1.0	8.2	10.9	1.0	7.1	9.4	6		
7	1.0	11.0	13.0	1.0	9.1	11.7	1.0	8.2	10.5	7		
8	1.0	11.2	13.1	1.0	9.0	11.6	1.0	8.5	10.8	8		
9	1.0	11.9	13.9	1.0	9.7	12.5	1.0	9.1	11.5	9		
10	1.0	13.0	15.0	1.0	11.1	14.0	1.0	10.1	12.6	10		
11	1.0	14.5	16.4	1.0	13.0	16.0	1.0	11.4	13.8	11		
12	1.0	15.6	17.6	1.0	14.0	17.2	1.0	12.6	15.3	12		

13	1.0	16.6	18.7	1.0	14.3	17.6	1.0	13.9	16.8	13
14	1.0	16.6	19.1	1.0	14.1	17.4	1.0	14.4	17.6	14
15	1.0	15.8	18.5	1.0	14.0	17.2	1.0	13.7	16.9	15
16	1.0	15.5	18.1	1.0	13.9	17.1	1.0	12.7	15.6	16
17	1.0	14.8	17.3	1.0	13.5	16.6	1.0	11.8	14.5	17
18	1.0	12.2	15.4	1.0	11.9	16.0	1.0	10.2	13.8	18
19	1.0	10.2	14.0	1.0	10.0	14.9	1.0	9.2	13.6	19
20	1.0	9.7	13.3	1.0	9.6	14.4	1.0	9.1	13.5	20
21	1.0	9.5	13.1	1.0	9.7	14.5	1.0	9.1	13.5	21
22	1.0	9.2	12.6	1.0	10.0	14.5	1.0	9.0	12.9	22
23	1.0	8.5	11.5	1.0	9.4	13.1	1.0	8.2	11.4	23

Keterangan :

- (1) Arah antenna dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OMF dan MUF
- (4) Satuan LUF, OMF, dan MUF dalam MHz

Sirkuit : Jakarta -Medan Jarak : 1432 KM
Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 320
Penerima : Medan (3.60 ; 98.60). Arah Ant 140

Oct 2019				Nov 2019			Dec 2019			
Sdt	El Ant	15-31		15-31			15-32			
WIB	LUF	OMF	MUF	LUF	OMF	MUF	LUF	OMF	MUF	WIB
0	1.0	8.8	12.0	1.0	7.9	11.4	1.0	6.3	9.2	0
1	1.0	7.7	10.5	1.0	6.9	10.1	1.0	5.4	7.9	1
2	1.0	6.7	10.0	1.0	6.5	9.5	1.0	5.3	7.7	2
3	1.0	5.5	9.0	1.0	6.0	8.7	1.0	4.9	7.2	3

4	1.0	4.8	7.9	1.0	5.1	7.5	1.0	4.8	7.0	4
5	1.0	4.2	7.0	1.0	4.7	6.9	1.0	4.3	6.4	5
6	1.0	7.4	10.2	1.0	7.3	9.8	1.0	6.3	8.3	6
7	1.0	13.4	15.7	1.0	11.4	14.0	1.0	10.5	12.7	7
8	1.0	14.0	16.4	1.0	11.6	14.1	1.0	11.1	13.4	8
9	1.0	13.1	15.4	1.0	11.1	13.5	1.0	10.8	12.5	9
10	1.0	13.0	15.0	1.0	11.7	13.6	1.0	11.6	12.5	10
11	1.0	13.6	15.3	1.0	12.1	14.4	1.0	12.0	12.8	11
12	1.0	13.6	15.3	1.0	12.3	14.9	1.0	12.2	13.2	12
13	1.0	14.3	16.1	1.0	12.5	15.2	1.0	12.1	14.2	13
14	1.0	15.0	17.4	1.0	12.9	15.7	1.0	12.4	14.8	14
15	1.0	15.2	17.8	1.0	13.4	16.1	1.0	12.3	14.8	15
16	1.0	15.5	18.2	1.0	13.7	16.4	1.0	12.3	14.8	16
17	1.0	15.2	17.8	1.0	13.9	16.7	1.0	12.5	15.0	17
18	1.0	13.7	17.3	1.0	12.6	16.3	1.0	11.4	14.6	18
19	1.0	12.1	16.5	1.0	11.1	15.4	1.0	10.0	13.8	19
20	1.0	12.0	16.5	1.0	10.8	15.0	1.0	9.6	13.1	20
21	1.0	12.9	17.7	1.0	11.4	15.9	1.0	10.0	13.8	21
22	1.0	14.0	19.3	1.0	12.8	18.1	1.0	10.5	14.7	22
23	1.0	11.9	16.2	1.0	10.3	14.9	1.0	7.8	11.1	23

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OMF dan MUF
- (4) Satuan LUF, OMF, dan MUF dalam MHz

Sirkuit : Jakarta -Merauke Jarak : 3717 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 96
 Penerima : Merauke (-8.47 ; 140.50). Arah Ant 71

Sdt	El	Ant	Oct 2019			Nov 2019			Dec 2019			WIB
			0-3			0-3			0-3			
			WIB	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	
0	1.0	13.6	18.7	1.0	14.3	20.2	1.0	13.1	18.4	0		
1	1.0	11.3	16.9	1.0	13.1	18.4	1.0	11.7	16.5	1		
2	1.0	9.0	14.8	1.0	11.8	16.4	1.0	10.5	14.7	2		
3	1.0	7.7	12.9	1.0	10.3	14.4	1.0	9.5	13.3	3		
4	1.0	8.1	13.5	1.0	10.7	14.9	1.0	9.6	13.5	4		
5	1.0	14.6	20.1	1.0	15.8	21.1	1.0	13.1	17.6	5		
6	1.0	21.6	25.5	1.0	18.5	24.0	1.0	16.5	21.1	6		
7	1.0	21.9	25.7	1.0	19.0	24.5	1.0	17.2	21.9	7		
8	1.0	23.3	27.3	1.0	19.3	24.9	1.0	17.8	22.7	8		
9	1.0	25.8	29.9	1.0	21.6	27.4	1.0	19.9	24.9	9		
10	1.0	27.6	31.2	1.0	25.5	31.4	1.0	22.4	27.3	10		
11	1.0	30.0	33.9	1.0	27.8	34.2	1.0	24.9	30.3	11		
12	1.0	32.0	36.2	1.0	28.5	35.1	1.0	26.8	32.6	12		
13	1.0	32.3	37.4	1.0	28.2	34.7	1.0	28.6	35.3	13		
14	1.0	32.1	37.6	1.0	27.2	33.5	1.0	27.4	33.8	14		
15	1.0	30.3	35.5	1.0	27.5	33.9	1.0	25.5	31.4	15		
16	1.0	29.5	34.6	1.0	26.7	32.9	1.0	23.0	28.4	16		
17	1.0	24.4	30.9	1.0	22.7	30.8	1.0	19.2	26.2	17		
18	1.0	20.2	27.8	1.0	19.7	29.7	1.0	17.7	26.4	18		
19	1.0	19.4	26.8	1.0	19.2	29.0	1.0	17.9	26.8	19		
20	1.0	19.4	26.8	1.0	19.2	29.0	1.0	18.2	27.2	20		
21	1.0	19.0	26.3	1.0	20.7	30.4	1.0	18.5	26.8	21		
22	1.0	17.8	24.3	1.0	20.0	28.0	1.0	17.3	24.0	22		
23	1.0	16.2	22.3	1.0	16.8	23.7	1.0	15.2	21.2	23		

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam, UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkit : Jakarta -Padang Jarak : 930 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 309
 Penerima : Padang (-0.95 ; 100.40). Arah Ant 130

Sdt	Oct 2019				Nov 2019			Dec 2019			WIB
	El Ant	25-41			26-41			25-43			
	WIB	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	MUF	
0	1.0	7.2	9.8	1.0	6.9	9.9	1.0	5.7	8.1	0	
1	1.0	6.5	8.8	1.0	6.0	8.6	1.0	4.7	6.8	1	
2	1.0	5.4	8.0	1.0	5.5	7.9	1.0	4.6	6.6	2	
3	1.0	4.3	7.0	1.0	5.0	7.2	1.0	4.2	6.1	3	
4	1.0	3.8	6.1	1.0	4.2	6.0	1.0	4.1	6.0	4	
5	1.0	3.4	5.6	1.0	3.9	5.7	1.0	3.7	5.4	5	
6	1.0	5.9	8.0	1.0	6.1	8.1	1.0	5.3	6.9	6	
7	1.0	9.9	11.7	1.0	8.6	10.5	1.0	7.6	9.2	7	
8	1.0	10.5	12.3	1.0	8.7	10.6	1.0	8.3	10.0	8	
9	1.0	10.4	12.2	1.0	9.1	11.1	1.0	8.4	10.1	9	
10	1.0	11.3	13.1	1.0	9.6	11.7	1.0	9.0	10.8	10	
11	1.0	12.1	13.7	1.0	10.7	12.9	1.0	9.5	11.3	11	
12	1.0	12.8	14.4	1.0	11.5	13.9	1.0	10.1	12.2	12	
13	1.0	13.8	15.6	1.0	11.8	14.3	1.0	11.0	13.2	13	
14	1.0	14.1	16.3	1.0	12.2	14.7	1.0	11.7	14.0	14	
15	1.0	13.8	16.1	1.0	12.3	14.7	1.0	11.3	13.5	15	
16	1.0	13.6	15.9	1.0	12.4	14.9	1.0	11.1	13.2	16	
17	1.0	13.2	15.4	1.0	12.4	14.8	1.0	11.0	13.1	17	
18	1.0	11.8	14.8	1.0	11.2	14.5	1.0	9.8	12.5	18	
19	1.0	10.2	14.0	1.0	9.9	13.7	1.0	8.7	11.9	19	
20	1.0	9.8	13.4	1.0	9.5	13.1	1.0	8.3	11.4	20	
21	1.0	9.8	13.4	1.0	9.4	13.0	1.0	8.4	11.5	21	
22	1.0	10.0	13.7	1.0	9.7	13.7	1.0	8.2	11.4	22	
23	1.0	8.6	11.6	1.0	8.6	12.4	1.0	6.6	9.4	23	

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam,
 UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Palu Jarak : 1567 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 68
 Penerima : Palu (-0.90 ; 119.90). Arah Ant 147

Sdt	Oct 2019				Nov 2019			Dec 2019			WIB
	El Ant	13-25			13-25			13-26			
	WIB	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	MUF	WIB
0	1.0	9.5	13.0	1.0	8.4	12.2	1.0	7.3	10.5	0	
1	1.0	8.4	12.4	1.0	7.7	11.2	1.0	6.4	9.3	1	
2	1.0	6.6	10.7	1.0	7.0	10.1	1.0	6.1	8.9	2	
3	1.0	5.5	9.0	1.0	6.2	9.0	1.0	5.6	8.3	3	
4	1.0	4.8	7.9	1.0	5.4	7.9	1.0	5.3	7.8	4	
5	1.0	7.0	9.7	1.0	7.5	10.1	1.0	6.8	9.0	5	
6	1.0	12.7	14.9	1.0	11.9	14.6	1.0	10.2	12.3	6	
7	1.0	14.8	17.4	1.0	12.8	15.6	1.0	11.8	14.2	7	
8	1.0	14.6	17.1	1.0	12.2	14.9	1.0	11.5	13.9	8	
9	1.0	14.6	16.9	1.0	12.5	15.1	1.0	12.4	14.0	9	
10	1.0	15.6	17.6	1.0	13.5	16.5	1.0	13.0	14.8	10	
11	1.0	16.2	18.3	1.0	14.7	17.9	1.0	13.3	15.6	11	
12	1.0	17.3	19.5	1.0	15.4	18.7	1.0	14.0	16.8	12	
13	1.0	18.1	20.9	1.0	15.6	18.9	1.0	15.1	18.1	13	
14	1.0	18.9	22.1	1.0	15.9	19.0	1.0	15.5	18.6	14	
15	1.0	18.4	21.5	1.0	16.2	19.4	1.0	15.0	18.0	15	
16	1.0	18.5	21.6	1.0	16.3	19.5	1.0	14.4	17.3	16	
17	1.0	16.2	20.5	1.0	14.5	18.8	1.0	12.9	16.6	17	
18	1.0	13.8	18.9	1.0	13.2	18.3	1.0	11.8	16.2	18	
19	1.0	13.6	18.7	1.0	12.5	17.3	1.0	11.6	16.0	19	
20	1.0	13.7	18.8	1.0	12.6	17.6	1.0	11.7	16.1	20	
21	1.0	13.9	19.2	1.0	13.3	18.9	1.0	11.9	16.6	21	
22	1.0	13.5	18.4	1.0	13.0	18.7	1.0	10.7	15.3	22	

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Palangkara Jarak : 899 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 61
 Penerima : Palangkaraya (-2.30 ; 113.90). Arah Ant 140

Sdt El Ant	Oct 2019			Nov 2019			Dec 2019			WIB	
	WIB	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF		MUF
26-41											
26-42											
26-42											
0	1.0	6.8	9.2	1.0	6.3	9.1	1.0	5.5	7.8	0	
1	1.0	6.4	8.7	1.0	5.7	8.2	1.0	4.7	6.7	1	
2	1.0	5.2	7.6	1.0	5.1	7.4	1.0	4.5	6.4	2	
3	1.0	4.0	6.4	1.0	4.6	6.7	1.0	4.1	5.9	3	
4	1.0	3.5	5.6	1.0	3.9	5.6	1.0	3.9	5.6	4	
5	1.0	3.8	6.2	1.0	4.5	6.4	1.0	4.1	5.9	5	
6	1.0	6.9	9.4	1.0	7.1	9.3	1.0	6.0	7.9	6	
7	1.0	10.0	11.7	1.0	8.6	10.5	1.0	7.8	9.4	7	
8	1.0	10.2	12.0	1.0	8.6	10.5	1.0	8.1	9.8	8	
9	1.0	10.5	12.3	1.0	9.3	11.2	1.0	8.5	10.2	9	
10	1.0	11.6	13.4	1.0	10.1	12.3	1.0	9.2	11.1	10	
11	1.0	12.5	14.1	1.0	11.2	13.6	1.0	9.9	11.8	11	
12	1.0	13.4	15.1	1.0	12.0	14.5	1.0	10.7	12.8	12	
13	1.0	14.3	16.2	1.0	12.2	14.8	1.0	11.6	13.9	13	
14	1.0	14.4	16.6	1.0	12.3	14.9	1.0	12.0	14.4	14	
15	1.0	13.8	16.1	1.0	12.5	15.0	1.0	11.5	13.8	15	

16	1.0	13.6	15.9	1.0	12.5	14.9	1.0	11.1	13.2	16
17	1.0	13.0	15.2	1.0	12.1	14.5	1.0	10.6	12.7	17
18	1.0	11.3	14.2	1.0	11.0	14.2	1.0	9.5	12.2	18
19	1.0	9.9	13.6	1.0	9.6	13.3	1.0	8.6	11.8	19
20	1.0	9.5	13.1	1.0	9.3	12.9	1.0	8.4	11.5	20
21	1.0	9.4	12.9	1.0	9.3	13.0	1.0	8.5	11.6	21
22	1.0	9.1	12.5	1.0	9.2	13.0	1.0	7.8	10.9	22
23	1.0	7.8	10.6	1.0	7.9	11.3	1.0	6.3	8.9	23

Keterangan :

- (1) Arah antenna dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Palembang Jarak : 434 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 328
 Penerima : Palembang (-3.00 ; 104.75). Arah Ant 148

Oct 2019				Nov 2019			Dec 2019			
Sdt	El Ant	47-61		47-62		47-63				
WIB	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	MUF	WIB
0	1.0	5.6	7.5	1.0	5.4	7.8	1.0	4.6	6.5	0
1	1.0	5.1	6.9	1.0	4.8	6.9	1.0	3.9	5.5	1
2	1.0	4.2	6.2	1.0	4.3	6.2	1.0	3.7	5.2	2
3	1.0	3.4	5.3	1.0	4.0	5.6	1.0	3.3	4.7	3
4	1.0	2.8	4.5	1.0	3.2	4.6	1.0	3.1	4.5	4
5	1.0	2.7	4.3	1.0	3.1	4.4	1.0	2.9	4.2	5
6	1.4	4.6	6.2	1.6	4.8	6.4	1.6	4.2	5.5	6
7	2.6	7.2	8.4	2.6	6.4	7.8	2.6	5.7	6.8	7

8	3.0	8.0	9.3	3.0	6.7	8.1	3.0	6.4	7.7	8
9	3.2	8.4	9.9	3.2	7.6	9.2	3.2	7.0	8.4	9
10	3.4	9.6	11.1	3.4	8.4	10.2	3.4	7.6	9.1	10
11	3.5	10.6	12.0	3.5	9.5	11.5	3.5	8.3	9.9	11
12	3.5	11.5	12.9	3.5	10.3	12.5	3.5	9.2	10.9	12
13	3.5	12.2	13.7	3.5	10.6	12.9	3.5	9.8	11.7	13
14	3.4	12.2	14.0	3.4	10.8	13.1	3.4	10.2	12.2	14
15	3.2	11.6	13.6	3.2	10.8	13.0	3.2	9.7	11.6	15
16	3.0	11.4	13.3	2.9	10.6	12.7	2.9	9.5	11.3	16
17	2.5	10.9	12.7	2.5	10.4	12.5	2.5	9.2	11.0	17
18	1.0	9.6	12.1	1.2	9.4	12.2	1.3	8.2	10.4	18
19	1.0	8.4	11.4	1.0	8.3	11.5	1.0	7.3	10.0	19
20	1.0	7.8	10.6	1.0	7.9	10.9	1.0	6.9	9.5	20
21	1.0	7.4	10.1	1.0	7.6	10.5	1.0	6.8	9.3	21
22	1.0	7.1	9.7	1.0	7.3	10.3	1.0	6.3	8.8	22
23	1.0	6.2	8.4	1.0	6.6	9.5	1.0	5.3	7.4	23

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Pangkal Pi Jarak : 461 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 351
 Penerima : Pangkal Pinang (-2.20 ; 106.20). Arah Ant 171

	Oct 2019				Nov 2019				Dec 2019			
Sdt El Ant	46-60				46-61				45-62			
WIB	LUF	OWF	MUF		LUF	OWF	MUF		LUF	OWF	MUF	WIB

0	1.0	5.6	7.5	1.0	5.4	7.7	1.0	4.5	6.4	0
1	1.0	5.2	7.0	1.0	4.8	6.9	1.0	3.9	5.5	1
2	1.0	4.3	6.2	1.0	4.3	6.2	1.0	3.7	5.2	2
3	1.0	3.4	5.4	1.0	4.0	5.6	1.0	3.3	4.7	3
4	1.0	2.9	4.6	1.0	3.2	4.6	1.0	3.2	4.5	4
5	1.0	2.7	4.4	1.0	3.2	4.6	1.0	3.0	4.3	5
6	1.6	4.8	6.5	1.7	5.0	6.6	1.8	4.3	5.6	6
7	2.7	7.5	8.8	2.7	6.6	8.1	2.7	5.9	7.1	7
8	3.1	8.2	9.6	3.1	6.9	8.4	3.1	6.6	7.9	8
9	3.3	8.7	10.1	3.3	7.7	9.4	3.3	7.2	8.6	9
10	3.5	9.8	11.3	3.5	8.5	10.3	3.5	7.7	9.3	10
11	3.6	10.7	12.0	3.6	9.5	11.5	3.6	8.3	10.0	11
12	3.6	11.4	12.9	3.6	10.3	12.4	3.6	9.2	11.0	12
13	3.6	12.2	13.7	3.6	10.6	12.8	3.6	9.8	11.7	13
14	3.5	12.2	14.1	3.5	10.7	13.0	3.5	10.2	12.2	14
15	3.3	11.7	13.7	3.3	10.8	12.9	3.3	9.8	11.7	15
16	3.0	11.5	13.4	3.0	10.7	12.8	3.0	9.5	11.4	16
17	2.5	11.0	12.8	2.6	10.5	12.5	2.6	9.3	11.1	17
18	1.0	9.7	12.2	1.0	9.5	12.3	1.0	8.2	10.5	18
19	1.0	8.5	11.6	1.0	8.4	11.5	1.0	7.4	10.1	19
20	1.0	8.0	10.9	1.0	8.0	11.0	1.0	7.0	9.6	20
21	1.0	7.6	10.4	1.0	7.7	10.6	1.0	6.9	9.4	21
22	1.0	7.3	10.0	1.0	7.5	10.5	1.0	6.4	8.9	22
23	1.0	6.4	8.6	1.0	6.6	9.5	1.0	5.2	7.3	23

Keterangan :

- (1) Arah antenna dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Pekanbaru Jarak : 972 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 321
 Penerima : Pekanbaru (0.55 ; 101.40). Arah Ant 142

Sdt	El	Ant	Oct 2019			Nov 2019			Dec 2019			WIB
			24-41	LUF	OWF	MUF	24-41	LUF	OWF	MUF	24-43	
0	1.0	7.1	9.7	1.0	6.7	9.6	1.0	5.5	7.8	0		
1	1.0	6.4	8.8	1.0	5.9	8.5	1.0	4.6	6.7	1		
2	1.0	5.5	8.1	1.0	5.4	7.8	1.0	4.5	6.5	2		
3	1.0	4.4	7.1	1.0	5.0	7.1	1.0	4.1	6.0	3		
4	1.0	3.8	6.2	1.0	4.2	6.0	1.0	4.1	5.9	4		
5	1.0	3.5	5.7	1.0	3.9	5.7	1.0	3.7	5.4	5		
6	1.0	6.1	8.3	1.0	6.2	8.3	1.0	5.4	7.0	6		
7	1.0	10.4	12.2	1.0	9.0	10.9	1.0	8.1	9.8	7		
8	1.0	10.8	12.7	1.0	9.0	11.0	1.0	8.6	10.4	8		
9	1.0	10.6	12.4	1.0	9.3	11.3	1.0	8.6	10.4	9		
10	1.0	11.3	13.1	1.0	9.7	11.7	1.0	9.0	10.8	10		
11	1.0	12.0	13.5	1.0	10.6	12.8	1.0	9.4	11.3	11		
12	1.0	12.5	14.1	1.0	11.2	13.6	1.0	10.0	12.0	12		
13	1.0	13.4	15.1	1.0	11.5	14.0	1.0	10.8	12.9	13		
14	1.0	13.8	15.9	1.0	11.8	14.3	1.0	11.4	13.7	14		
15	1.0	13.6	15.9	1.0	12.1	14.4	1.0	11.1	13.3	15		
16	1.0	13.6	15.9	1.0	12.3	14.7	1.0	10.9	13.1	16		
17	1.0	13.2	15.4	1.0	12.3	14.7	1.0	10.9	13.1	17		
18	1.0	11.8	14.8	1.0	11.1	14.3	1.0	9.8	12.6	18		
19	1.0	10.3	14.1	1.0	9.8	13.6	1.0	8.7	11.9	19		
20	1.0	10.0	13.6	1.0	9.4	13.1	1.0	8.3	11.3	20		
21	1.0	10.1	13.8	1.0	9.5	13.2	1.0	8.4	11.6	21		
22	1.0	10.5	14.4	1.0	10.0	14.2	1.0	8.3	11.6	22		
23	1.0	8.9	12.0	1.0	8.5	12.2	1.0	6.5	9.2	23		

Keterangan :

- (1) Arah antenna dalam derajat & dihitung searah jarum jam, UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Pontianak Jarak : 750 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 21
 Penerima : Pontianak (-0.01 ; 109.30). Arah Ant 01

Sdt El Ant	Oct 2019			Nov 2019			Dec 2019			WIB
	31-48	31-48	31-48	31-48	31-48	31-48	31-49	31-49	31-49	
WIB	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	MUF	WIB
0	1.0	6.1	8.2	1.0	5.6	8.1	1.0	4.7	6.8	0
1	1.0	5.7	7.7	1.0	5.1	7.4	1.0	4.1	5.9	1
2	1.0	4.7	6.9	1.0	4.6	6.7	1.0	3.9	5.6	2
3	1.0	3.7	5.9	1.0	4.2	6.0	1.0	3.6	5.1	3
4	1.0	3.2	5.1	1.0	3.5	5.0	1.0	3.4	4.9	4
5	1.0	3.2	5.2	1.0	3.7	5.3	1.0	3.4	4.9	5
6	1.0	5.9	8.0	1.0	5.9	7.9	1.0	5.1	6.7	6
7	1.0	9.1	10.6	1.0	7.9	9.6	1.0	7.1	8.6	7
8	1.0	9.5	11.1	1.0	8.0	9.7	1.0	7.6	9.1	8
9	1.0	9.7	11.3	1.0	8.6	10.4	1.0	7.9	9.5	9
10	1.0	10.6	12.2	1.0	9.2	11.2	1.0	8.4	10.1	10
11	1.0	11.3	12.7	1.0	10.1	12.2	1.0	8.9	10.7	11
12	1.0	11.8	13.3	1.0	10.7	12.9	1.0	9.6	11.5	12
13	1.0	12.6	14.2	1.0	10.9	13.2	1.0	10.2	12.3	13
14	1.0	12.7	14.7	1.0	11.1	13.4	1.0	10.6	12.7	14
15	1.0	12.4	14.4	1.0	11.3	13.5	1.0	10.3	12.3	15
16	1.0	12.2	14.3	1.0	11.3	13.5	1.0	10.1	12.0	16
17	1.0	11.8	13.7	1.0	11.1	13.3	1.0	9.9	11.8	17
18	1.0	10.5	13.2	1.0	10.0	12.9	1.0	8.8	11.3	18
19	1.0	9.3	12.6	1.0	8.8	12.2	1.0	7.9	10.8	19
20	1.0	8.9	12.1	1.0	8.5	11.7	1.0	7.5	10.3	20
21	1.0	8.8	12.1	1.0	8.5	11.8	1.0	7.6	10.4	21
22	1.0	8.7	11.9	1.0	8.5	12.0	1.0	7.1	9.9	22
23	1.0	7.3	9.9	1.0	7.1	10.1	1.0	5.5	7.8	23

Keterangan :

- (1) Arah antenna dalam derajat & dihitung searah jarum jam,
 UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF

(4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Samarinda Jarak : 1317 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 61
 Penerima : Samarinda (-0.50 ; 117.20). Arah Ant 140

Sdt	El	Ant	Oct 2019			Nov 2019			Dec 2019			WIB
			17-31	LUF	OWF	MUF	17-31	LUF	OWF	MUF	17-31	
0	1.0	8.5	11.6	1.0	7.5	10.9	1.0	6.5	9.4	0		
1	1.0	8.1	11.0	1.0	6.9	10.0	1.0	5.7	8.2	1		
2	1.0	6.5	9.6	1.0	6.2	9.1	1.0	5.5	8.0	2		
3	1.0	5.0	8.1	1.0	5.6	8.1	1.0	5.0	7.4	3		
4	1.0	4.3	7.1	1.0	4.8	7.0	1.0	4.8	7.0	4		
5	1.0	5.1	8.3	1.0	5.9	8.6	1.0	5.4	7.8	5		
6	1.0	9.5	12.9	1.0	9.5	12.7	1.0	8.1	10.7	6		
7	1.0	13.3	15.6	1.0	11.4	13.9	1.0	10.5	12.6	7		
8	1.0	13.0	15.3	1.0	10.9	13.3	1.0	10.3	12.4	8		
9	1.0	12.9	15.1	1.0	11.2	13.6	1.0	10.7	12.5	9		
10	1.0	13.7	15.8	1.0	12.0	14.6	1.0	11.3	13.2	10		
11	1.0	14.4	16.3	1.0	13.1	15.9	1.0	11.6	13.9	11		
12	1.0	15.4	17.3	1.0	13.7	16.7	1.0	12.4	14.9	12		
13	1.0	16.5	18.6	1.0	13.9	16.9	1.0	13.4	16.1	13		
14	1.0	16.9	19.5	1.0	14.1	17.1	1.0	13.8	16.6	14		
15	1.0	16.3	19.1	1.0	14.5	17.4	1.0	13.4	16.1	15		
16	1.0	16.3	19.1	1.0	14.6	17.5	1.0	12.9	15.5	16		
17	1.0	15.6	18.2	1.0	14.1	16.9	1.0	12.5	15.0	17		
18	1.0	13.5	17.0	1.0	12.7	16.5	1.0	11.4	14.6	18		
19	1.0	12.1	16.6	1.0	11.2	15.6	1.0	10.3	14.2	19		
20	1.0	12.2	16.7	1.0	11.2	15.6	1.0	10.3	14.1	20		

21	1.0	12.4	17.0	1.0	12.0	16.7	1.0	10.6	14.7	21
22	1.0	12.2	16.8	1.0	11.9	16.8	1.0	9.8	13.7	22
23	1.0	10.2	13.8	1.0	9.5	13.7	1.0	7.6	10.8	23

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Semarang Jarak : 404 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 101
 Penerima : Semarang (-6.95 ; 110.45). Arah Ant 280

Oct 2019				Nov 2019			Dec 2019								
Sdt	El Ant	50-61		50-62		49-62									
	WIB	LUF	OWF	MUF		LUF	OWF	MUF		LUF	OWF	MUF		WIB	
	0		1.0	5.5	7.4		1.0	5.6	7.8		1.0	5.0	6.9		0
	1		1.0	5.0	6.7		1.0	5.0	6.9		1.0	4.4	6.0		1
	2		1.0	4.1	5.9		1.0	4.5	6.2		1.0	4.0	5.5		2
	3		1.0	3.3	5.2		1.0	4.1	5.6		1.0	3.7	5.0		3
	4		1.0	2.8	4.4		1.0	3.4	4.6		1.0	3.3	4.5		4
	5		1.0	2.9	4.6		1.0	3.5	4.8		1.0	3.3	4.6		5
	6		1.9	4.9	6.7		2.0	5.2	6.8		2.0	4.5	5.9		6
	7		2.7	7.2	8.4		2.7	6.1	7.8		2.7	5.5	6.9		7
	8		3.0	7.9	9.2		3.1	6.4	8.2		3.0	6.1	7.7		8
	9		3.3	8.6	10.0		3.3	7.3	9.3		3.3	6.7	8.5		9
	10		3.4	9.8	11.4		3.4	8.3	10.5		3.4	7.5	9.3		10
	11		3.5	11.0	12.4		3.5	9.7	11.9		3.5	8.5	10.3		11

12	3.5	11.8	13.3	3.5	10.6	12.9	3.5	9.5	11.5	12
13	3.5	12.4	14.0	3.5	10.9	13.4	3.5	10.3	12.4	13
14	3.4	12.3	14.2	3.4	11.0	13.4	3.4	10.4	12.8	14
15	3.2	11.8	13.8	3.2	10.8	13.2	3.2	10.0	12.3	15
16	2.9	11.5	13.4	2.9	10.6	13.0	2.9	9.6	11.7	16
17	2.4	10.9	12.7	2.4	10.2	12.5	2.4	9.1	11.1	17
18	1.0	9.3	11.7	1.0	9.1	12.2	1.0	7.8	10.5	18
19	1.0	7.9	10.8	1.0	7.7	11.4	1.0	6.9	10.2	19
20	1.0	7.3	10.0	1.0	7.3	10.9	1.0	6.6	9.7	20
21	1.0	6.9	9.4	1.0	7.0	10.4	1.0	6.5	9.5	21
22	1.0	6.5	8.9	1.0	7.0	10.1	1.0	6.3	9.0	22
23	1.0	6.0	8.0	1.0	6.7	9.3	1.0	5.8	7.9	23

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkit : Jakarta -Serang Jarak : 74 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 283
 Penerima : Serang (-6.15 ; 106.20). Arah Ant 103

Oct 2019				Nov 2019			Dec 2019			
Sdt	El Ant	81-84		81-84		81-84				
WIB	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	MUF	WIB
0	1.0	5.1	6.8	1.0	5.3	7.3	1.0	4.7	6.3	0
1	1.0	4.7	6.2	1.0	4.7	6.4	1.0	4.1	5.5	1
2	1.0	3.9	5.5	1.0	4.3	5.8	1.0	3.8	5.1	2

3	1.0	3.2	4.9	1.0	3.9	5.3	1.0	3.4	4.6	3
4	1.0	2.7	4.1	1.0	3.3	4.3	1.0	3.2	4.2	4
5	1.0	2.6	4.0	1.0	3.2	4.2	1.0	3.0	4.1	5
6	1.3	4.3	5.8	1.5	4.6	5.9	1.5	4.0	5.2	6
7	2.2	6.4	7.5	2.2	5.5	7.0	2.2	4.9	6.2	7
8	2.5	7.2	8.3	2.5	5.8	7.4	2.5	5.6	7.0	8
9	2.7	7.7	9.0	2.7	6.6	8.4	2.7	6.1	7.7	9
10	2.8	8.9	10.2	2.8	7.5	9.4	2.8	6.8	8.4	10
11	2.9	10.0	11.2	2.9	8.8	10.7	2.9	7.7	9.3	11
12	2.9	10.8	12.1	2.9	9.6	11.7	2.9	8.6	10.4	12
13	2.9	11.3	12.7	2.9	10.0	12.2	2.9	9.2	11.1	13
14	2.8	11.2	12.9	2.8	10.1	12.3	2.8	9.5	11.5	14
15	2.7	10.8	12.5	2.7	9.9	12.1	2.7	9.1	11.1	15
16	2.4	10.5	12.2	2.5	9.7	11.8	2.5	8.8	10.7	16
17	2.1	10.0	11.6	2.1	9.4	11.5	2.1	8.4	10.2	17
18	1.0	8.6	10.8	1.0	8.4	11.2	1.1	7.2	9.6	18
19	1.0	7.4	10.0	1.0	7.1	10.5	1.0	6.4	9.3	19
20	1.0	6.9	9.3	1.0	6.8	10.0	1.0	6.1	8.9	20
21	1.0	6.5	8.7	1.0	6.5	9.5	1.0	6.0	8.6	21
22	1.0	6.0	8.2	1.0	6.4	9.1	1.0	5.8	8.2	22
23	1.0	5.5	7.4	1.0	6.2	8.6	1.0	5.3	7.2	23

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkit : Jakarta -Surabaya Jarak : 660 KM
Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 100

Penerima : Surabaya

(-7.25 ; 112.75). Arah Ant 279

Sdt	El	Oct 2019				Nov 2019			Dec 2019			WIB
		Ant	35-48			35-49			35-49			
		WIB	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	MUF	
0	1.0	6.1	8.3	1.0	6.3	8.7	1.0	5.6	7.8	0		
1	1.0	5.5	7.5	1.0	5.5	7.7	1.0	4.9	6.7	1		
2	1.0	4.5	6.6	1.0	5.0	6.9	1.0	4.5	6.2	2		
3	1.0	3.6	5.8	1.0	4.6	6.3	1.0	4.1	5.7	3		
4	1.0	3.1	4.9	1.0	3.8	5.2	1.0	3.8	5.2	4		
5	1.0	3.4	5.4	1.0	4.2	5.7	1.0	3.9	5.4	5		
6	1.0	5.9	8.0	1.0	6.2	8.1	1.0	5.3	7.0	6		
7	1.0	8.5	9.9	1.0	7.0	9.0	1.0	6.3	8.0	7		
8	1.0	8.9	10.5	1.0	7.2	9.3	1.0	6.9	8.7	8		
9	1.0	9.6	11.2	1.0	8.0	10.2	1.0	7.4	9.4	9		
10	1.0	10.8	12.4	1.0	9.1	11.5	1.0	8.2	10.3	10		
11	1.0	12.0	13.6	1.0	10.7	13.1	1.0	9.3	11.3	11		
12	1.0	12.9	14.6	1.0	11.6	14.2	1.0	10.4	12.6	12		
13	1.0	13.6	15.4	1.0	11.9	14.6	1.0	11.3	13.6	13		
14	1.0	13.6	15.6	1.0	11.9	14.6	1.0	11.5	14.1	14		
15	1.0	13.0	15.2	1.0	11.7	14.4	1.0	11.1	13.6	15		
16	1.0	12.7	14.8	1.0	11.5	14.1	1.0	10.4	12.8	16		
17	1.0	12.1	14.1	1.0	11.2	13.7	1.0	9.8	12.0	17		
18	1.0	10.2	12.8	1.0	9.9	13.3	1.0	8.5	11.4	18		
19	1.0	8.6	11.8	1.0	8.3	12.4	1.0	7.6	11.1	19		
20	1.0	8.1	11.0	1.0	8.0	11.9	1.0	7.4	10.8	20		
21	1.0	7.7	10.6	1.0	7.8	11.7	1.0	7.3	10.7	21		
22	1.0	7.3	10.1	1.0	7.9	11.4	1.0	7.1	10.1	22		
23	1.0	6.7	9.1	1.0	7.5	10.4	1.0	6.5	8.9	23		

Keterangan :

- (1) Arah antenna dalam derajat & dihitung searah jarum jam, UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Sorong Jarak : 2774 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 78
 Penerima : Sorong (-0.89 ; 131.27). Arah Ant 157

Sdt	El	Oct 2019			Nov 2019			Dec 2019			WIB
		Ant	3-11		3-11		3-11		3-11		
	WIB	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	MUF	
0	1.0	13.1	17.9	1.0	11.1	16.3	1.0	9.8	14.2	0	
1	1.0	11.3	16.9	1.0	10.2	15.0	1.0	9.0	13.1	1	
2	1.0	8.5	14.0	1.0	9.2	13.5	1.0	8.1	11.9	2	
3	1.0	7.0	11.6	1.0	7.9	11.6	1.0	7.5	11.1	3	
4	1.0	6.5	10.9	1.0	7.5	11.1	1.0	7.0	10.5	4	
5	1.0	11.4	15.8	1.0	12.2	16.4	1.0	10.6	14.1	5	
6	1.0	19.5	23.0	1.0	18.1	22.1	1.0	15.5	18.8	6	
7	1.0	20.4	24.0	1.0	17.9	21.9	1.0	16.5	19.9	7	
8	1.0	20.3	23.8	1.0	17.7	21.6	1.0	17.5	19.6	8	
9	1.0	21.4	24.8	1.0	18.8	22.4	1.0	18.7	20.9	9	
10	1.0	22.6	25.5	1.0	20.3	24.7	1.0	19.4	22.1	10	
11	1.0	23.4	26.5	1.0	21.5	26.2	1.0	19.6	23.2	11	
12	1.0	25.4	28.6	1.0	22.3	27.1	1.0	21.0	25.3	12	
13	1.0	26.5	30.7	1.0	22.3	27.2	1.0	22.5	27.0	13	
14	1.0	27.4	32.0	1.0	22.6	27.1	1.0	22.4	26.9	14	
15	1.0	26.3	30.8	1.0	23.5	28.2	1.0	21.9	26.4	15	
16	1.0	26.3	30.8	1.0	23.5	28.3	1.0	20.8	25.1	16	
17	1.0	22.7	28.7	1.0	20.5	26.7	1.0	18.1	23.2	17	
18	1.0	19.2	26.4	1.0	18.5	25.8	1.0	16.8	23.2	18	
19	1.0	19.4	26.8	1.0	17.6	24.6	1.0	16.8	23.2	19	
20	1.0	19.6	27.1	1.0	17.9	25.0	1.0	16.8	23.2	20	
21	1.0	19.4	26.8	1.0	19.1	27.2	1.0	16.7	23.5	21	
22	1.0	17.6	24.0	1.0	17.0	24.7	1.0	13.9	19.9	22	
23	1.0	15.1	20.7	1.0	13.6	19.7	1.0	11.4	16.5	23	

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam, UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Ternate Jarak : 2427 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 71
 Penerima : Ternate (0.90 ; 127.50). Arah Ant 150

Sdt	Oct 2019				Nov 2019			Dec 2019			WIB
	El Ant	5-14			5-14			5-14			
	WIB	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	MUF	
0	1.0	12.1	16.6	1.0	10.1	14.7	1.0	8.8	12.7	0	
1	1.0	10.7	15.9	1.0	9.3	13.7	1.0	8.0	11.7	1	
2	1.0	8.0	13.2	1.0	8.4	12.2	1.0	7.4	10.9	2	
3	1.0	6.5	10.9	1.0	7.3	10.7	1.0	6.8	10.1	3	
4	1.0	5.9	9.9	1.0	6.8	10.0	1.0	6.3	9.4	4	
5	1.0	9.9	13.8	1.0	10.6	14.2	1.0	9.5	12.6	5	
6	1.0	17.8	20.9	1.0	16.5	20.2	1.0	14.2	17.2	6	
7	1.0	19.3	22.6	1.0	16.8	20.5	1.0	15.6	18.8	7	
8	1.0	19.0	22.3	1.0	16.4	20.0	1.0	16.0	18.2	8	
9	1.0	19.4	22.5	1.0	17.3	20.4	1.0	17.2	19.0	9	
10	1.0	20.3	22.9	1.0	18.0	21.9	1.0	17.9	19.8	10	
11	1.0	20.6	23.3	1.0	18.9	23.0	1.0	18.2	20.4	11	
12	1.0	22.0	24.9	1.0	19.4	23.6	1.0	18.3	22.0	12	
13	1.0	23.2	26.9	1.0	19.6	23.9	1.0	19.6	23.6	13	
14	1.0	24.2	28.4	1.0	20.2	24.3	1.0	19.8	23.8	14	
15	1.0	23.6	27.7	1.0	20.8	25.0	1.0	19.5	23.4	15	
16	1.0	23.6	27.7	1.0	21.3	25.6	1.0	18.9	22.7	16	
17	1.0	20.7	26.1	1.0	18.6	24.2	1.0	16.7	21.4	17	
18	1.0	17.7	24.3	1.0	16.8	23.4	1.0	15.5	21.3	18	
19	1.0	18.0	24.7	1.0	16.0	22.3	1.0	15.3	21.1	19	
20	1.0	18.2	25.1	1.0	16.4	22.9	1.0	15.2	21.0	20	
21	1.0	18.4	25.5	1.0	17.6	25.0	1.0	15.3	21.5	21	
22	1.0	17.2	23.5	1.0	15.9	23.0	1.0	12.9	18.5	22	
23	1.0	14.2	19.5	1.0	12.5	18.1	1.0	10.2	14.7	23	

Keterangan :

- (1) Arah antenna dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkit : Jakarta -Timika Jarak : 3383 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 89
 Penerima : Timika (-5.00 ; 137.40). Arah Ant 166

Sdt	El	Ant	Oct 2019			Nov 2019			Dec 2019			WIB
			0-5	LUF	OWF	MUF	0-5	LUF	OWF	MUF	0-5	
0	1.0	13.7	18.9	1.0	13.1	18.6	1.0	11.9	16.7	0		
1	1.0	11.5	17.2	1.0	12.0	16.9	1.0	10.8	15.2	1		
2	1.0	8.9	14.6	1.0	11.0	15.3	1.0	9.7	13.6	2		
3	1.0	7.5	12.5	1.0	9.4	13.2	1.0	8.9	12.5	3		
4	1.0	7.6	12.7	1.0	9.5	13.3	1.0	8.8	12.3	4		
5	1.0	13.5	18.7	1.0	14.6	19.5	1.0	12.1	16.3	5		
6	1.0	21.1	24.9	1.0	18.3	23.7	1.0	15.9	20.4	6		
7	1.0	21.5	25.3	1.0	18.3	23.7	1.0	16.7	21.3	7		
8	1.0	22.1	26.0	1.0	18.4	23.7	1.0	17.0	21.7	8		
9	1.0	24.4	28.3	1.0	20.1	25.5	1.0	18.8	23.6	9		
10	1.0	26.0	29.4	1.0	23.6	29.1	1.0	21.0	25.6	10		
11	1.0	28.1	31.7	1.0	25.5	31.5	1.0	22.9	27.9	11		
12	1.0	30.3	34.2	1.0	26.5	32.6	1.0	25.0	30.4	12		
13	1.0	31.2	36.1	1.0	26.3	32.4	1.0	26.5	32.6	13		
14	1.0	31.4	36.7	1.0	25.5	31.4	1.0	25.8	31.8	14		

15	1.0	29.9	35.0	1.0	26.4	32.6	1.0	24.5	30.3	15
16	1.0	29.4	34.5	1.0	25.8	31.9	1.0	22.5	27.7	16
17	1.0	24.6	31.1	1.0	22.1	30.0	1.0	18.7	25.4	17
18	1.0	20.5	28.3	1.0	19.2	29.0	1.0	17.1	25.5	18
19	1.0	20.3	28.1	1.0	18.3	27.7	1.0	17.3	25.8	19
20	1.0	20.3	28.0	1.0	18.4	27.8	1.0	17.4	26.0	20
21	1.0	19.7	27.3	1.0	20.1	29.5	1.0	17.7	25.7	21
22	1.0	17.7	24.2	1.0	19.3	27.1	1.0	16.1	22.4	22
23	1.0	16.0	22.0	1.0	15.7	22.2	1.0	13.8	19.3	23

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OWF dan MUF
- (4) Satuan LUF, OWF, dan MUF dalam MHz

Sirkuit : Jakarta -Yogyakarta Jarak : 418 KM
 Pemancar : Jakarta (-6.30 ; 106.85). Arah Ant 113
 Penerima : Yogyakarta (-7.75 ; 110.35). Arah Ant 292

Oct 2019				Nov 2019			Dec 2019			
Sdt	El Ant	49-60		49-61		48-61				
WIB	LUF	OWF	MUF	LUF	OWF	MUF	LUF	OWF	MUF	WIB
0	1.0	5.4	7.3	1.0	5.7	7.9	1.0	5.1	7.0	0
1	1.0	4.9	6.6	1.0	5.0	6.9	1.0	4.4	6.1	1
2	1.0	4.0	5.9	1.0	4.5	6.2	1.0	4.1	5.6	2
3	1.0	3.3	5.2	1.0	4.1	5.6	1.0	3.7	5.0	3
4	1.0	2.7	4.4	1.0	3.4	4.7	1.0	3.4	4.6	4
5	1.0	2.9	4.6	1.0	3.5	4.8	1.0	3.4	4.6	5
6	1.9	4.9	6.7	2.0	5.2	6.8	2.0	4.5	5.9	6

7	2.7	7.2	8.4	2.7	6.1	7.8	2.7	5.5	6.9	7
8	3.0	7.9	9.2	3.1	6.4	8.2	3.0	6.1	7.7	8
9	3.3	8.6	10.0	3.3	7.2	9.2	3.3	6.7	8.5	9
10	3.4	9.8	11.3	3.4	8.3	10.4	3.4	7.5	9.3	10
11	3.5	11.0	12.4	3.5	9.8	12.0	3.5	8.5	10.3	11
12	3.5	11.8	13.3	3.5	10.6	13.0	3.5	9.5	11.5	12
13	3.5	12.4	14.0	3.5	11.0	13.4	3.5	10.3	12.5	13
14	3.4	12.3	14.1	3.4	11.0	13.4	3.4	10.5	12.9	14
15	3.2	11.8	13.8	3.2	10.8	13.2	3.2	10.1	12.4	15
16	2.9	11.5	13.4	2.9	10.6	13.0	2.9	9.6	11.8	16
17	2.4	10.8	12.6	2.4	10.2	12.5	2.4	9.1	11.1	17
18	1.0	9.2	11.6	1.0	9.1	12.2	1.0	7.8	10.5	18
19	1.0	7.8	10.6	1.0	7.6	11.3	1.0	7.0	10.2	19
20	1.0	7.2	9.8	1.0	7.3	10.8	1.0	6.7	9.8	20
21	1.0	6.8	9.3	1.0	7.0	10.3	1.0	6.5	9.5	21
22	1.0	6.4	8.7	1.0	6.9	10.0	1.0	6.3	9.0	22
23	1.0	5.9	8.0	1.0	6.7	9.3	1.0	5.8	8.0	23

Keterangan :

- (1) Arah antena dalam derajat & dihitung searah jarum jam,
UTARA=0, TIMUR=90, SELATAN=180, BARAT=270
- (2) Sdt el ant dalam derajat & dihitung dari arah horisontal
- (3) Sebaiknya gunakan frekuensi antara OMF dan MUF
- (4) Satuan LUF, OMF, dan MUF dalam MHz