RSPI Gain Tables

Version 1.0

| | Upto Band 4/5 | | | | | | | |
| | LNA State = 0 (LNA off) | | | | LNA State = 1 (LNA on) | | | |
gRdB	BB GR	Mixer GR	LNA GR	System GR	BB GR	Mixer GR	LNA GR	System GR
0	0	0	24	24	0	0	0	19
1	1	0	24	25	1	0	0	19
2	2	0	24	26	2	0	0	19
3	3	0	24	27	3	0	0	19
4	4	0	24	28	4	0	0	19
5	5	0	24	29	5	0	0	19
6	6	0	24	30	6	0	0	19
7	7	0	24	31	7	0	0	19
8	8	0	24	32	8	0	0	19
9	9	0	24	33	9	0	0	19
10	10	0	24	34	10	0	0	19
11	11	0	24	35	11	0	0	19
12	12	0	24	36	12	0	0	19
13	13	0	24	37	13	0	0	19
14	14	0	24	38	14	0	0	19
15	15	0	24	39	15	0	0	19
16	16	0	24	40	16	0	0	19
17	17	0	24	41	17	0	0	19
18	18	0	24	42	18	0	0	19
19	19	0	24	43	19	0	0	19
20	20	0	24	44	20	0	0	20
21	21	0	24	45	21	0	0	21
22	22	0	24	46	22	0	0	22
23	23	0	24	47	23	0	0	23
24	24	0	24	48	24	0	0	24
25	25	0	24	49	25	0	0	25
26	26	0	24	50	26	0	0	26
27	27	0	24	51	27	0	0	27
28	28	0	24	52	28	0	0	28
29	29	0	24	53	29	0	0	29
30	30	0	24	54	30	0	0	30
31	31	0	24	55	31	0	0	31
32	32	0	24	56	32	0	0	32
33	33	0	24	57	33	0	0	33
34	34	0	24	58	34	0	0	34
35	35	0	24	59	35	0	0	35
36	36	0	24	60	36	0	0	36
37	37	0	24	61	37	0	0	37
38	38	0	24	62	38	0	0	38
39	39	0	24	63	39	0	0	39
40	40	0	24	64	40	0	0	40
41	41	0	24	65	41	0	0	41
42	42	0	24	66	42	0	0	42
43	43	0	24	67	43	0	0	43
44	44	0	24	68	44	0	0	44
45	45	0	24	69	45	0	0	45
46	46	0	24	70	46	0	0	46
47	47	0	24	71	47	0	0	47
48	48	0	24	72	48	0	0	48
49	49	0	24	73	49	0	0	49
50	50	0	24	74	50	0	0	50
51	51	0	24	75	51	0	0	51
52	52	0	24	76	52	0	0	52
53	53	0	24	77	53	0	0	53
54	54	0	24	78	54	0	0	54
55	55	0	24	79	55	0	0	55
56	56	0	24	80	56	0	0	56
57	57	0	24	81	57	0	0	57
58	58	0	24	82	58	0	0	58
59	59	0	24	83	59	0	0	59
60	41	19	24	84	41	19	0	60
61	42	19	24	85	42	19	0	61
62	43	19	24	86	43	19	0	62
63	44	19	24	87	44	19	0	63
64	45	19	24	88	45	19	0	64
65	46	19	24	89	46	19	0	65
66	47	19	24	90	47	19	0	66
67	48	19	24	91	48	19	0	67
68	49	19	24	92	49	19	0	68
69	50	19	24	93	50	19	0	69
70	51	19	24	94	51	19	0	70
71	52	19	24	95	52	19	0	71
72	53	19	24	96	53	19	0	72
73	54	19	24	97	54	19	0	73
74	55	19	24	98	55	19	0	74
75	56	19	24	99	56	19	0	75
76	57	19	24	100	57	19	0	76
77	58	19	24	101	58	19	0	77
78	59	19	24	102	59	19	0	78

	Band 4/5							
	LNA State = 0 (LNA off)				LNA State = 1 (LNA on)			
gRdB	BB GR	Mixer GR	LNA GR	System GR	BB GR	Mixer GR	LNA GR	System GR
0	12	0	7	19	20	0	0	20
1	12	0	7	19	20	0	0	20
2	12	0	7	19	20	0	0	20
3	12	0	7	19	20	0	0	20
4	12	0	7	19	20	0	0	20
5	12	0	7	19	20	0	0	20
6	12	0	7	19	20	0	0	20
7	12	0	7	19	20	0	0	20
8	12	0	7	19	20	0	0	20
9	12	0	7	19	20	0	0	20
10	12	0	7	19	20	0	0	20
11	12	0	7	19	20	0	0	20
12	12	0	7	19	20	0	0	20
13	13	0	7	20	20	0	0	20
14	14	0	7	21	20	0	0	20
15	15	0	7	22	20	0	0	20
16	16	0	7	23	20	0	0	20
17	17	0	7	24	20	0	0	20
18	18	0	7	25	20	0	0	20
19	19	0	7	26	20	0	0	20
20	20	0	7	27	20	0	0	20
21	21	0	7	28	21	0	0	21
22	22	0	7	29	22	0	0	22
23	23	0	7	30	23	0	0	23
24	24	0	7	31	24	0	0	24
25	25	0	7	32	25	0	0	25
26	26	0	7	33	26	0	0	26
27	27	0	7	34	27	0	0	27
28	28	0	7	35	28	0	0	28
29	29	0	7	36	29	0	0	29
30	30	0	7	37	30	0	0	30
31	31	0	7	38	31	0	0	31
32	32	0	7	39	32	0	0	32
33	33	0	7	40	33	0	0	33
34	34	0	7	41	34	0	0	34
35	35	0	7	42	35	0	0	35
36	36	0	7	43	36	0	0	36
37	37	0	7	44	37	0	0	37
38	38	0	7	45	38	0	0	38
39	39	0	7	46	39	0	0	39
40	40	0	7	47	40	0	0	40
41	41	0	7	48	41	0	0	41
42	42	0	7	49	42	0	0	42
43	43	0	7	50	43	0	0	43
44	44	0	7	51	44	0	0	44
45	45	0	7	52	45	0	0	45
46	46	0	7	53	46	0	0	46
47	47	0	7	54	47	0	0	47
48	48	0	7	55	48	0	0	48
49	49	0	7	56	49	0	0	49
50	50	0	7	57	50	0	0	50
51	51	0	7	58	51	0	0	51
52	52	0	7	59	52	0	0	52
53	53	0	7	60	53	0	0	53
54	54	0	7	61	54	0	0	54
55	55	0	7	62	55	0	0	55
56	56	0	7	63	56	0	0	56
57	57	0	7	64	57	0	0	57
58	58	0	7	65	58	0	0	58
59	59	0	7	66	59	0	0	59
60	41	19	7	67	41	19	0	60
61	42	19	7	68	42	19	0	61
62	43	19	7	69	43	19	0	62
63	44	19	7	70	44	19	0	63
64	45	19	7	71	45	19	0	64
65	46	19	7	72	46	19	0	65
66	47	19	7	73	47	19	0	66
67	48	19	7	74	48	19	0	67
68	49	19	7	75	49	19	0	68
69	50	19	7	76	50	19	0	69
70	51	19	7	77	51	19	0	70
71	52	19	7	78	52	19	0	71
72	53	19	7	79	53	19	0	72
73	54	19	7	80	54	19	0	73
74	55	19	7	81	55	19	0	74
75	56	19	7	82	56	19	0	75
76	57	19	7	83	57	19	0	76
77	58	19	7	84	58	19	0	77
78	59	19	7	85	59	19	0	78

	L Band							
	LNA State = 0 (LNA off)				LNA State = 1 (LNA on)			
gRdB	BB GR	Mixer GR	LNA GR	System GR	BB GR	Mixer GR	LNA GR	System GR
0	14	0	5	19	19	0	0	19
1	14	0	5	19	19	0	0	19
2	14	0	5	19	19	0	0	19
3	14	0	5	19	19	0	0	19
4	14	0	5	19	19	0	0	19
5	14	0	5	19	19	0	0	19
6	14	0	5	19	19	0	0	19
7	14	0	5	19	19	0	0	19
8	14	0	5	19	19	0	0	19
9	14	0	5	19	19	0	0	19
10	14	0	5	19	19	0	0	19
11	14	0	5	19	19	0	0	19
12	14	0	5	19	19	0	0	19
13	14	0	5	19	19	0	0	19
14	14	0	5	19	19	0	0	19
15	15	0	5	20	19	0	0	19
16	16	0	5	21	19	0	0	19
17	17	0	5	22	19	0	0	19
18	18	0	5	23	19	0	0	19
19	19	0	5	24	19	0	0	19
20	20	0	5	25	20	0	0	20
21	21	0	5	26	21	0	0	21
22	22	0	5	27	22	0	0	22
23	23	0	5	28	23	0	0	23
24	24	0	5	29	24	0	0	24
25	25	0	5	30	25	0	0	25
26	26	0	5	31	26	0	0	26
27	27	0	5	32	27	0	0	27
28	28	0	5	33	28	0	0	28
29	29	0	5	34	29	0	0	29
30	30	0	5	35	30	0	0	30
31	31	0	5	36	31	0	0	31
32	32	0	5	37	32	0	0	32
33	33	0	5	38	33	0	0	33
34	34	0	5	39	34	0	0	34
35	35	0	5	40	35	0	0	35
36	36	0	5	41	36	0	0	36
37	37	0	5	42	37	0	0	37
38	38	0	5	43	38	0	0	38
39	39	0	5	44	39	0	0	39
40	40	0	5	45	40	0	0	40
41	41	0	5	46	41	0	0	41
42	42	0	5	47	42	0	0	42
43	43	0	5	48	43	0	0	43
44	44	0	5	49	44	0	0	44
45	45	0	5	50	45	0	0	45
46	46	0	5	51	46	0	0	46
47	47	0	5	52	47	0	0	47
48	48	0	5	53	48	0	0	48
49	49	0	5	54	49	0	0	49
50	50	0	5	55	50	0	0	50
51	51	0	5	56	51	0	0	51
52	52	0	5	57	52	0	0	52
53	53	0	5	58	53	0	0	53
54	54	0	5	59	54	0	0	54
55	55	0	5	60	55	0	0	55
56	56	0	5	61	56	0	0	56
57	57	0	5	62	57	0	0	57
58	58	0	5	63	58	0	0	58
59	59	0	5	64	59	0	0	59
60	41	19	5	65	41	19	0	60
61	42	19	5	66	42	19	0	61
62	43	19	5	67	43	19	0	62
63	44	19	5	68	44	19	0	63
64	45	19	5	69	45	19	0	64
65	46	19	5	70	46	19	0	65
66	47	19	5	71	47	19	0	66
67	48	19	5	72	48	19	0	67
68	49	19	5	73	49	19	0	68
69	50	19	5	74	50	19	0	69
70	51	19	5	75	51	19	0	70
71	52	19	5	76	52	19	0	71
72	53	19	5	77	53	19	0	72
73	54	19	5	78	54	19	0	73
74	55	19	5	79	55	19	0	74
75	56	19	5	80	56	19	0	75
76	57	19	5	81	57	19	0	76
77	58	19	5	82	58	19	0	77
78	59	19	5	83	59	19	0	78