

DETAILS OF MONITORING & CONTROL WIRING

:DKN -19 Jun 2013

From Connector D37- I & II to D15 connector of Analog Receiver, RF filter ,Baseband and LO PIU's monitoring connector

RX PIU MONITORING -1				RX PIU MONITORING -2				
FRC	D37-I	D15-1	SIGNAL	FRC-II	D37-II	D15-1	SIGNAL	D-15 TO RX PIU MONITORING X 2
1	1	1	0.5 dB	33	1	1	0.5 dB	
2	2	9	1.0 dB	34	2	9	1.0 dB	
3	3	2	2.0 dB	35	3	2	2.0 dB	
4	4	10	4.0 dB	36	4	10	4.0 dB	
5	5	3	8.0 dB	37	5	3	8.0 dB	
6	6	11	16 dB	38	6	11	16 dB	
7	7	4	VGA	39	7	4	VGA	
8	8	12	Buffer	40	8	12	Buffer	
9	9	5	Conversion	41	9	5	Conversion	
10	10	13	Det VGA	42	10	13	Det VGA	
11	11	6	Det Buffer	43	11	6	Det Buffer	
12	12	14	Power Supply	44	12	14	Power Supply	
13	13	7	Temp Mon.	45	13	7	Temp Mon.	
	15	15	GND		15	15	GND	
	14	8	SP			8	SP	
RF filter monitoring -1				RF filter monitoring -2				
FRC	D37-I	D15-2	Monitoring	FRC-ii	D37-II	D15-2	Monitoring	ERLTFI D- 2 1 15 X TO
14	16	1	RF Filter	46	16	1	RF Filter	
15	17	9	RF Filter	47	17	9	RF Filter	
16	18	2	RF Filter	48	18	2	RF Filter	
17	19	10	RF Filter MON1	49	19	10	RF Filter MON1	
18	20	3	RF Filter MON2	50	20	3	RF Filter MON2	
19	21	11	Power	51	21	11	Power	
	22	15	GND		22	15	GND	

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BASE BAND FILTER MONITORING-1				BASE BAND FILTER MONITORING-2				D-15 TO BB filter X 2
FRC	D37-I	D15-3	Signals	FRC	D37-II	D15-3	Signals	
20	23	1	BBF	52	23	1	BBF	
21	24	9	BBf	53	24	9	BBf	
22	25	2	MON1	54	25	2	MON1	
23	26	10	MON2	55	26	10	MON2	
24	27	3	Power	56	27	3	Power	
	28	15	GND		28	15	GND	
		4				4		
LO MONITORING- 1 &2				Not used				D-15 TO LO PIU X 1
FRC	D37-I	D15-4	Monitoring	FRC	D37-II			
25				57	29	1	CW1	
26				58	30	9	CW2	
27				59	31	2	Lock Det. 1	
28				60	32	10	Lock Det. 2	
				61	33	3	Power Mon.	
29			NC	62	34		Temp. Mon.	
30			NC		35	15	GND	
31			NC	63	36		NC	
32			NC	64	37		NC	
					37			