

Procedure to monitor baseband LO

Version 1.0 Date: 01/02/2016

PJH/DKN/RDB

1. Open a web browser
2. Enter following address

http:// 192.168.30.38

(The page will look like this)

64 MONITORING CHANNELS															
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16
501	1374	113	840	618	1194	407	832	828	824	828	828	826	828	828	826
2.529	-2.08	4.578	0.739	1.912	-1.13	3.026	0.782	0.803	0.824	0.803	0.803	0.813	0.803	0.803	0.813
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
829	827	830	829	829	827	832	827	828	830	825	827	827	828	827	827
0.797	0.808	0.792	0.797	0.797	0.808	0.782	0.808	0.803	0.792	0.818	0.808	0.808	0.803	0.808	0.808
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
830	827	826	830	830	829	828	824	828	829	826	828	828	827	829	827
0.792	0.808	0.813	0.792	0.792	0.797	0.803	0.824	0.828	0.797	0.813	0.803	0.803	0.808	0.797	0.808
49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
829	825	829	826	825	827	827	824	828	827	828	828	827	827	828	831
0.797	0.818	0.797	0.813	0.818	0.808	0.808	0.824	0.803	0.808	0.803	0.803	0.808	0.808	0.803	0.787

MCM STATUS				
MCM Time	11:49:46	29-01-2016	Clock Frequency	60 MHz
Spectrum Spreader	Normal (0-50MHz)	Normal (>50MHz)	Clock Doubler	On
Digital Mask	0F01	0000	Clock Divided By	1

BASE-BAND LO STATUS		
Parameters	Channel 1	Channel 2
LO Frequency	51.0000 (Synth1)	51.0000 (Synth1)
Lock Indication	Lock	Lock
RF Power	Ok	Ok
DC Power	Ok	Ok
Temp. (Inside PIU)	14.79 °C	15.63 °C

Baseband LO status will show the various monitoring parameters.

- Lo frequency will show - **“set frequency & synth no.”**
- Lock Indicator will show - **Lo “lock” or “unlock”**
- RF Power will show – **RF power from the synth. “OK” or “No Power”**
- DC Power will show – **DC power in the synth. PIU “OK” or “No Power”**
- Temp. Inside PIU will show – **Inside Temp. of each synth. PIU in “°C”**