

SLC-aware LLRF

LLRF data is provided to SLC via the slc-aware IOC databases built into the LLRF IOC, known as IR20. The LLRF readback data is provided through SLC ARRY types. The following tables show the relationship of LLRF PV to IR20:ARRY:x channels.

Table 1: ARRY:IR20:1

Channel	SLC Name	PV Name
1	GUN KLYP	
2	SPAR E	
3	SPAR E	
4	SPAR E	
5	SPAR E	
6	TCAV 0 P	
7	L0A KLYP	
8	L0B KLYP	
9	L1S KLYP	
10	L1X KLYP	
11	SPAR E	
12	SPAR E	

Table 2: ARRY:IR20:2

Channel	SLC Name	PV Name
1	PH01 P	
2	PH02 P	
3	RFDI ST P	
4	LASR RF P	
5	GUN RF P	
6	TCV0 RF P	
7	L0A RF P	
8	L0B RF P	
9	L1S RF P	
10	L1X RF P	
11	SPAR E	
12	SPAR E	

Table 3: ARRY:IR20:3

Channel	SLC Name	PV Name
1	GUN KLYA	
2	SPAR E	
3	SPAR E	
4	SPAR E	
5	SPAR E	
6	TCAV 0 A	
7	L0A KLYA	
8	L0B KLYA	
9	L1S RF P	

10	L1X RF P	
11	SPAR E	
12	SPAR E	

Table 4: ARRAY:IR20:4

Channel	SLC Name	PV Name
1	PH01 A	
2	PH02 A	
3	RFDI ST A	
4	LASR RF A	
5	GUN RF A	
6	TCV0 RF A	
7	L0A RF A	
8	L0B RF A	
9	L1S RF A	
10	L1X RF A	
11	SPAR E	
12	SPAR E	