

ULCA 7C at middle channel

Reference Frequency: PCC 2 525.6 MHz / SCC 2 540 MHz					
Frequency Stability versus Temperature					
Environment Temperature (°C)	Power Supplied (V)	Frequency Measure with Time Elapse			
		Frequency Error (Hz)		ppm	
		PCC	SCC	PCC	SCC
50	12.7	1.70	11.00	-0.001 03	0.002 09
40		9.70	9.70	0.002 14	0.001 57
30		-8.20	4.60	-0.004 95	-0.000 43
20(Ref.)		4.30	5.70	-	-
10		6.20	-0.30	0.000 75	-0.002 36
0		5.30	-2.10	0.000 40	-0.003 07
-10		0.90	10.30	-0.001 35	0.001 81
-20		1.90	-3.90	-0.000 95	-0.003 78
-30		-5.00	-11.50	-0.003 68	-0.006 77
Frequency Stability versus Power Supply					
Environment Temperature (°C)	Power Supplied (V)	Frequency Measure with Time Elapse			
		Frequency Error (Hz)		ppm	
		PCC	SCC	PCC	SCC
20	10.80 (85%)	-1.20	10.70	-0.002 18	0.001 97
	14.61 (115%)	6.00	10.20	0.000 67	0.001 77

ULCA 66B at middle channel

Reference Frequency: PCC 1 752.6 MHz / SCC 1 757.4 MHz					
Frequency Stability versus Temperature					
Environment Temperature (°C)	Power Supplied (V)	Frequency Measure with Time Elapse			
		Frequency Error (Hz)		ppm	
		PCC	SCC	PCC	SCC
50	12.7	-8.80	9.00	-0.003 71	0.002 56
40		-4.80	8.50	-0.001 43	0.002 28
30		6.10	4.10	0.004 79	-0.000 23
20(Ref.)		-2.30	4.50	-	-
10		-0.70	5.90	0.000 91	0.000 80
0		-9.40	-2.70	-0.004 05	-0.004 10
-10		3.10	5.20	0.003 08	0.000 40
-20		-8.80	1.20	-0.003 71	-0.001 88
-30		-4.00	10.40	-0.000 97	0.003 36
Frequency Stability versus Power Supply					
Environment Temperature (°C)	Power Supplied (V)	Frequency Measure with Time Elapse			
		Frequency Error (Hz)		ppm	
		PCC	SCC	PCC	SCC
20	10.80 (85%)	-6.10	5.50	-0.002 17	0.000 57
	14.61 (115%)	-8.60	0.40	-0.003 59	-0.002 33

ULCA 66C at middle channel

Reference Frequency: PCC 1 747.9 MHz / SCC 1 759.9 MHz					
Frequency Stability versus Temperature					
Environment Temperature (°C)	Power Supplied (V)	Frequency Measure with Time Elapse			
		Frequency Error (Hz)		ppm	
		PCC	SCC	PCC	SCC
50	12.7	-9.20	7.70	-0.003 32	0.000 28
40		3.30	-6.50	0.003 83	-0.007 78
30		1.50	-3.50	0.002 80	-0.006 08
20(Ref.)		-3.40	7.20	-	-
10		3.60	-6.30	0.004 00	-0.007 67
0		-6.30	6.40	-0.001 66	-0.000 45
-10		5.30	11.20	0.004 98	0.002 27
-20		-3.30	-8.10	0.000 06	-0.008 69
-30		-3.00	3.80	0.000 23	-0.001 93
Frequency Stability versus Power Supply					
Environment Temperature (°C)	Power Supplied (V)	Frequency Measure with Time Elapse			
		Frequency Error (Hz)		ppm	
		PCC	SCC	PCC	SCC
20	10.80 (85%)	4.40	0.50	0.004 46	-0.003 81
	14.61 (115%)	-9.40	8.40	-0.003 43	0.000 68

- End of the Test Report -