

VIP 110-24 PROCESSING GAIN DATA

(S/N)_o = 16.4 dB

L_{sys} = 2.0 dB

G_p = (S/N)_o + (J/S) + L_{sys}

Transmitter S/N: UC011280

Receiver S/N: UC011166

Channel: 20

Frequency [GHz]	J/S [dBm]	Processing Gain [dB]	Frequency [GHz]	J/S [dBm]	Processing Gain [dB]	Frequency [GHz]	J/S [dBm]	Processing Gain [dB]
2.431500	1.8	20.2	2.433650	-4.7	13.7	2.435800	-6.7	11.7
2.431550	1.7	20.1	2.433700	-4.8	13.6	2.435850	-6.8	11.6
2.431600	1.7	20.1	2.433750	-4.8	13.6	2.435900	-7.0	11.4
2.431650	1.7	20.1	2.433800	-4.7	13.7	2.435950	-7.1	11.3
2.431700	1.7	20.1	2.433850	-4.8	13.6	2.436000	-7.2	11.2
2.431750	1.6	20.0	2.433900	-4.9	13.5	2.436050	-7.3	11.1
2.431800	1.6	20.0	2.433950	-4.6	13.8	2.436100	-7.3	11.1
2.431850	1.5	19.9	2.434000	-4.6	13.8	2.436150	-7.2	11.2
2.431900	1.4	19.8	2.434050	-4.4	14.0	2.436200	-7.2	11.2
2.431950	1.3	19.7	2.434100	-4.4	14.0	2.436250	-7.3	11.1
2.432000	1.2	19.6	2.434150	-4.6	13.8	2.436300	-7.3	11.1
2.432050	1.1	19.5	2.434200	-4.7	13.7	2.436350	-7.1	11.3
2.432100	1.2	19.6	2.434250	-4.9	13.5	2.436400	-7.1	11.3
2.432150	1.1	19.5	2.434300	-5.0	13.4	2.436450	-7.5	10.9
2.432200	1.1	19.5	2.434350	-5.2	13.2	2.436500	-7.4	11.0
2.432250	0.8	19.2	2.434400	-5.5	12.9	2.436550	-7.4	11.0
2.432300	0.9	19.3	2.434450	-5.7	12.7	2.436600	-7.3	11.1
2.432350	0.9	19.3	2.434500	-5.7	12.7	2.436650	-7.6	10.8
2.432400	0.7	19.1	2.434550	-5.9	12.5	2.436700	-7.6	10.8
2.432450	0.6	19.0	2.434600	-5.7	12.7	2.436750	-7.8	10.6
2.432500	0.5	18.9	2.434650	-5.7	12.7	2.436800	-7.9	10.5
2.432550	0.1	18.5	2.434700	-5.6	12.8	2.436850	-7.9	10.5
2.432600	-0.3	18.1	2.434750	-5.5	12.9	2.436900	-8.1	10.3
2.432650	-0.6	17.8	2.434800	-5.5	12.9	2.436950	-8.0	10.4
2.432700	-0.9	17.5	2.434850	-5.4	13.0	2.437000	-8.1	10.3
2.432750	-1.1	17.3	2.434900	-5.5	12.9	2.437050	-7.9	10.5
2.432800	-1.2	17.2	2.434950	-5.6	12.8	2.437100	-7.9	10.5
2.432850	-1.5	16.9	2.435000	-5.8	12.6	2.437150	-7.9	10.5
2.432900	-1.9	16.5	2.435050	-6.0	12.4	2.437200	-7.8	10.6
2.432950	-2.0	16.4	2.435100	-6.2	12.2	2.437250	-7.8	10.6
2.433000	-2.3	16.1	2.435150	-6.4	12.0	2.437300	-7.8	10.6
2.433050	-2.4	16.0	2.435200	-6.5	11.9	2.437350	-7.8	10.6
2.433100	-2.4	16.0	2.435250	-6.9	11.5	2.437400	-7.6	10.8
2.433150	-2.4	16.0	2.435300	-6.7	11.7	2.437450	-7.7	10.7
2.433200	-2.5	15.9	2.435350	-6.7	11.7	2.437500	-7.9	10.5
2.433250	-2.9	15.5	2.435400	-6.6	11.8	2.437550	-8.0	10.4
2.433300	-2.9	15.5	2.435450	-6.8	11.6	2.437600	-7.9	10.5
2.433350	-2.7	15.7	2.435500	-6.8	11.6	2.437650	-8.0	10.4
2.433400	-3.2	15.2	2.435550	-6.5	11.9	2.437700	-8.1	10.3
2.433450	-3.9	14.5	2.435600	-6.2	12.2	2.437750	-7.9	10.5
2.433500	-4.1	14.3	2.435650	-6.3	12.1	2.437800	-7.9	10.5
2.433550	-3.9	14.5	2.435700	-6.5	11.9	2.437850	-7.8	10.6
2.433600	-4.1	14.3	2.435750	-6.6	11.8	2.437900	-7.8	10.6

Frequency [GHz]	J/S [dBm]	Processing Gain [dB]	Frequency [GHz]	J/S [dBm]	Processing Gain [dB]	Frequency [GHz]	J/S [dBm]	Processing Gain [dB]
2.437950	-7.5	10.9	2.440100	-6.8	11.6	2.442250	-8.1	10.3
2.438000	-7.4	11.0	2.440150	-6.8	11.6	2.442300	-8.2	10.2
2.438050	-7.3	11.1	2.440200	-6.7	11.7	2.442350	-8.0	10.4
2.438100	-7.3	11.1	2.440250	-6.6	11.8	2.442400	-8.0	10.4
2.438150	-7.2	11.2	2.440300	-6.3	12.1	2.442450	-8.2	10.2
2.438200	-7.4	11.0	2.440350	-6.5	11.9	2.442500	-8.1	10.3
2.438250	-7.4	11.0	2.440400	-6.5	11.9	2.442550	-8.3	10.1
2.438300	-7.8	10.6	2.440450	-6.6	11.8	2.442600	-8.2	10.2
2.438350	-7.7	10.7	2.440500	-6.7	11.7	2.442650	-8.1	10.3
2.438400	-7.7	10.7	2.440550	-6.3	12.1	2.442700	-7.9	10.5
2.438450	-7.9	10.5	2.440600	-7.0	11.4	2.442750	-7.6	10.8
2.438500	-7.8	10.6	2.440650	-7.3	11.1	2.442800	-7.6	10.8
2.438550	-8.0	10.4	2.440700	-7.5	10.9	2.442850	-7.6	10.8
2.438600	-7.5	10.9	2.440750	-7.6	10.8	2.442900	-7.5	10.9
2.438650	-7.3	11.1	2.440800	-7.7	10.7	2.442950	-7.7	10.7
2.438700	-7.2	11.2	2.440850	-7.8	10.6	2.443000	-7.7	10.7
2.438750	-7.0	11.4	2.440900	-7.7	10.7	2.443050	-7.6	10.8
2.438800	-6.8	11.6	2.440950	-7.6	10.8	2.443100	-7.6	10.8
2.438850	-6.7	11.7	2.441000	-7.5	10.9	2.443150	-7.7	10.7
2.438900	-6.6	11.8	2.441050	-7.5	10.9	2.443200	-7.6	10.8
2.438950	-6.6	11.8	2.441100	-7.4	11.0	2.443250	-7.7	10.7
2.439000	-6.7	11.7	2.441150	-7.4	11.0	2.443300	-7.6	10.8
2.439050	-6.8	11.6	2.441200	-7.4	11.0	2.443350	-7.2	11.2
2.439100	-6.9	11.5	2.441250	-7.6	10.8	2.443400	-7.1	11.3
2.439150	-7.0	11.4	2.441300	-7.6	10.8	2.443450	-7.0	11.4
2.439200	-7.1	11.3	2.441350	-7.5	10.9	2.443500	-7.1	11.3
2.439250	-7.1	11.3	2.441400	-7.5	10.9	2.443550	-7.0	11.4
2.439300	-7.1	11.3	2.441450	-7.8	10.6	2.443600	-6.9	11.5
2.439350	-7.0	11.4	2.441500	-8.0	10.4	2.443650	-6.8	11.6
2.439400	-6.7	11.7	2.441550	-8.2	10.2	2.443700	-7.1	11.3
2.439450	-6.4	12.0	2.441600	-8.2	10.2	2.443750	-7.0	11.4
2.439500	-5.9	12.5	2.441650	-8.1	10.3	2.443800	-6.9	11.5
2.439550	-6.0	12.4	2.441700	-8.0	10.4	2.443850	-6.9	11.5
2.439600	-6.0	12.4	2.441750	-8.2	10.2	2.443900	-7.1	11.3
2.439650	-6.0	12.4	2.441800	-8.1	10.3	2.443950	-7.2	11.2
2.439700	-5.9	12.5	2.441850	-7.9	10.5	2.444000	-7.1	11.3
2.439750	-6.1	12.3	2.441900	-7.7	10.7	2.444050	-7.0	11.4
2.439800	-6.3	12.1	2.441950	-7.8	10.6	2.444100	-6.8	11.6
2.439850	-6.5	11.9	2.442000	-7.3	11.1	2.444150	-6.6	11.8
2.439900	-6.7	11.7	2.442050	-7.5	10.9	2.444200	-6.5	11.9
2.439950	-6.8	11.6	2.442100	-7.7	10.7	2.444250	-6.2	12.2
2.440000	-6.9	11.5	2.442150	-7.9	10.5	2.444300	-6.1	12.3
2.440050	-6.9	11.5	2.442200	-8.0	10.4	2.444350	-5.7	12.7

Frequency [GHz]	J/S [dBm]	Processing Gain [dB]	Frequency [GHz]	J/S [dBm]	Processing Gain [dB]
2.444400	-6.0	12.4	2.446550	-1.3	17.1
2.444450	-5.9	12.5	2.446600	-1.1	17.3
2.444500	-5.4	13.0	2.446650	-0.8	17.6
2.444550	-5.7	12.7	2.446700	-0.7	17.7
2.444600	-5.8	12.6	2.446750	-0.7	17.7
2.444650	-6.0	12.4	2.446800	-0.4	18.0
2.444700	-6.4	12.0	2.446850	-0.3	18.1
2.444750	-6.2	12.2	2.446900	-0.2	18.2
2.444800	-5.9	12.5	2.446950	-0.3	18.1
2.444850	-5.3	13.1	2.447000	-0.3	18.1
2.444900	-5.7	12.7	2.447050	0.0	18.4
2.444950	-5.4	13.0	2.447100	0.1	18.5
2.445000	-5.0	13.4	2.447150	0.3	18.7
2.445050	-4.9	13.5	2.447200	0.4	18.8
2.445100	-4.8	13.6	2.447250	0.5	18.9
2.445150	-4.7	13.7	2.447300	0.7	19.1
2.445200	-4.6	13.8	2.447350	1.1	19.5
2.445250	-4.5	13.9	2.447400	1.6	20.0
2.445300	-4.7	13.7	2.447450	2.0	20.4
2.445350	-4.6	13.8	2.447500	2.4	20.8
2.445400	-4.7	13.7	2.447550	2.7	21.1
2.445450	-4.8	13.6	2.447600	2.8	21.2
2.445500	-4.9	13.5	2.447650	3.1	21.5
2.445550	-4.7	13.7	2.447700	3.2	21.6
2.445600	-4.6	13.8	2.447750	3.1	21.5
2.445650	-4.5	13.9	2.447800	3.0	21.4
2.445700	-4.2	14.2	2.447850	2.9	21.3
2.445750	-3.8	14.6	2.447900	2.8	21.2
2.445800	-3.5	14.9	2.447950	2.6	21.0
2.445850	-3.0	15.4	2.448000	2.5	20.9
2.445900	-2.7	15.7	2.448050	2.6	21.0
2.445950	-2.6	15.8	2.448100	2.7	21.1
2.446000	-2.7	15.7	2.448150	2.8	21.2
2.446050	-2.7	15.7	2.448200	2.9	21.3
2.446100	-2.8	15.6	2.448250	3.1	21.5
2.446150	-2.7	15.7	2.448300	3.4	21.8
2.446200	-3.0	15.4	2.448350	3.5	21.9
2.446250	-3.0	15.4	2.448400	3.6	22.0
2.446300	-2.7	15.7	2.448450	3.7	22.1
2.446350	-2.5	15.9	2.448500	3.8	22.2
2.446400	-2.1	16.3			
2.446450	-2.2	16.2			
2.446500	-1.9	16.5		J/S	Gp
20th PERCENTILE =				-7.60	10.80