



Poker Cards Analysis - September 2020

The Directors

GVC Plc

This is to confirm that iTech Labs has examined the game logs for Poker games for the period **September 01, 2020 to September 30, 2020** as recorded by the respective game servers and analyzed the Poker cards for statistical randomness. The results of the analysis are given below.

For details on the gaming sites serviced by the GVC Plc game servers and used in this audit refer to the [List](#).

1. Poker hand types statistics

These calculations were done for Royal Flush, Straight Flush, Four of a Kind, Full House, Flush, Straight, 3 of a Kind, 2 pairs, 1 Pair, High Card.

The Poker hand types analysis involved creating subsets of data and conducting Chi-square tests on each subset.

The null hypothesis for the chi-square test is that the observed frequencies of each type of hand matches the theoretical values for a deck that has been shuffled using a perfect random number generator. The p-values observed in these multiple tests are expected to follow a uniform distribution for the range 0.0 to 1.0.

The analysis performs a KS Test (Kolmogorov-Smirnov test) for uniform distribution on the observed p-values, and the combined p-value result of this test is taken as the final result of the Poker hand types statistics tests.

1.1 Poker hand types statistics for 52 cards deck:

Test No.	DOF	ChiSqr	P-Value
1	9	8.94	0.44259
2	9	15.38	0.08101
3	9	13.33	0.14819
4	9	3.41	0.94561
5	9	11.71	0.23039
6	9	6.06	0.73384
7	9	3.49	0.94149
8	9	11.91	0.21851
9	9	9.98	0.35172
10	9	22.81	0.00664
11	9	10.59	0.30455
12	9	10.35	0.32303
13	9	10.37	0.32134
14	9	4.93	0.84045
15	9	13.21	0.15344
16	9	9.27	0.41232
17	9	8.37	0.49701
18	9	8.27	0.50732
19	9	6.66	0.67239
20	9	8.05	0.52937
21	9	5.82	0.75788
22	9	7.45	0.58986
23	9	5.05	0.83016
24	9	14.24	0.11415
25	9	4.26	0.89324

26	9	4.63	0.86511
27	9	14.44	0.10754
28	9	8.08	0.52603
29	9	11.08	0.26993
30	9	22.68	0.00697
31	9	10.48	0.31272
32	9	13.17	0.15514
33	9	7.83	0.55144
34	9	5.98	0.74154
35	9	12.34	0.19469
36	9	3.56	0.93787
37	9	19.68	0.01997
38	9	4.65	0.86350
39	9	7.76	0.55898
40	9	7.19	0.61708
41	9	15.16	0.08656
42	9	8.44	0.49024
43	9	6.87	0.65035
44	9	10.59	0.30487
45	9	6.02	0.73776
46	9	9.17	0.42132
47	9	9.21	0.41797
48	9	7.55	0.58050
49	9	12.92	0.16639
50	9	10.69	0.29726
51	9	10.70	0.29714
52	9	6.39	0.70065
53	9	4.91	0.84243
54	9	16.70	0.05356
55	9	21.61	0.01020
56	9	6.41	0.69848
57	9	6.34	0.70552
58	9	10.52	0.31006
59	9	4.88	0.84474
60	9	5.34	0.80415
61	9	14.04	0.12076
62	9	9.27	0.41308
63	9	7.79	0.55535
64	9	13.59	0.13757
65	9	14.22	0.11465
66	9	4.70	0.85936
67	9	10.70	0.29700
68	9	10.08	0.34371
69	9	6.15	0.72462
70	9	12.89	0.16759
71	9	11.16	0.26518
72	9	5.01	0.83378
73	9	6.08	0.73197
74	9	10.13	0.34018
75	9	8.27	0.50720
76	9	15.63	0.07495
77	9	8.19	0.51463
78	9	26.17	0.00192
79	9	7.18	0.61813
80	9	8.93	0.44378

81	9	6.33	0.70614
82	9	8.60	0.47491
83	9	11.46	0.24518
84	9	15.34	0.08211
85	9	15.29	0.08315
86	9	13.36	0.14701
87	9	7.07	0.63014
88	9	6.30	0.70997
89	9	3.73	0.92808
90	9	1.30	0.99836
91	9	13.56	0.13868
92	9	16.05	0.06576
93	9	11.29	0.25627
94	9	21.28	0.01147
95	9	6.51	0.68766
96	9	9.16	0.42278
97	9	7.51	0.58450
98	9	8.86	0.45032
99	9	3.47	0.94278
100	9	10.47	0.31379
Combined P-value for all tests (Using KS method)			0.40054

Notes:

- 1) The P-values are observed probabilities from the Chi-Square tests. The last row shows the result of the KS Test performed on the p-values for all Chi-Square tests, where there are sufficient data.

1.2 Poker hand types statistics for 36 cards deck:

Test No.	DOF	ChiSqr	P-Value
1	9	15.81	0.07097
2	9	2.92	0.96754
3	9	10.98	0.27728
4	9	7.73	0.56200
5	9	6.04	0.73558
6	9	5.06	0.82910
7	9	2.90	0.96824
8	9	9.45	0.39705
9	9	11.89	0.21972
10	9	13.00	0.16240
11	9	14.55	0.10413
12	9	3.89	0.91847
13	9	12.08	0.20862
14	9	12.35	0.19445
15	9	11.48	0.24440
Combined P-value for all tests (Using KS method)			0.60770

Notes:

- 1) The P-values are observed probabilities from the Chi-Square tests. The last row shows the result of the KS Test performed on the p-values for all Chi-Square tests, where there are sufficient data.

2. Poker rank statistics

The Poker rank analysis aims to establish that the rank of the cards in each position was equally distributed in one of the 13 possible ranks (2, 3, 4, 5, 6, 7, 8, 9, 10, J, Q, K, A) for a 52 card deck and 9 ranks (6, 7, 8, 9, 10, J, Q, K, A) for a 36 card deck.

The Poker rank analysis involved creating subsets of data and conducting Chi-square tests on each subset. The analysis performs a KS Test (Kolmogorov-Smirnov test) for uniform distribution on the observed p-values, and the combined p-value result of this test is taken as the final result of the Ranks statistics tests.

2.1 Poker rank statistics for 52 cards deck:

Test No.	Positions	DOF	ChiSqr	P-Value
1	7	84	69.92	0.86461
2	7	84	84.50	0.46403
3	7	84	71.81	0.82599
4	7	84	75.53	0.73411
5	7	84	84.01	0.47921
6	7	84	94.72	0.19903
7	7	84	67.73	0.90232
8	7	84	69.90	0.86495
9	7	84	85.94	0.42081
10	7	84	70.67	0.84994
11	7	84	91.96	0.25879
12	7	84	80.63	0.58382
13	7	84	94.88	0.19580
14	7	84	78.25	0.65644
15	7	84	78.74	0.64160
16	7	84	83.30	0.50097
17	7	84	91.31	0.27452
18	7	84	83.15	0.50564
19	7	84	76.23	0.71458
20	7	84	92.71	0.24160
21	7	84	98.11	0.13915
22	7	84	97.13	0.15488
23	7	84	97.22	0.15353
24	7	84	61.75	0.96746
25	7	84	95.29	0.18786
26	7	84	88.35	0.35145
27	7	84	79.89	0.60683
28	7	84	62.03	0.96543
29	7	84	99.18	0.12341
30	7	84	89.78	0.31309
31	7	84	83.48	0.49558
32	7	84	91.82	0.26224
33	7	84	89.72	0.31450
34	7	84	97.38	0.15091
35	7	84	80.72	0.58125
36	7	84	89.80	0.31256
37	7	84	82.24	0.53401
38	7	84	71.81	0.82601
39	7	84	85.74	0.42682
40	7	84	83.05	0.50869
41	7	84	59.53	0.98021
42	7	84	70.68	0.84974
43	7	84	66.51	0.91978
44	7	84	67.87	0.90016
45	7	84	88.30	0.35297
46	7	84	65.87	0.92813

47	7	84	86.77	0.39628
48	7	84	93.55	0.22306
49	7	84	62.65	0.96071
50	7	84	101.42	0.09487
51	7	84	100.46	0.10644
52	7	84	87.35	0.37979
53	7	84	94.63	0.20084
54	7	84	95.84	0.17753
55	7	84	99.28	0.12209
56	7	84	70.49	0.85357
57	7	84	110.28	0.02885
58	7	84	66.80	0.91581
59	7	84	99.15	0.12390
60	7	84	62.20	0.96418
61	7	84	89.49	0.32068
62	7	84	112.91	0.01939
63	7	84	67.44	0.90661
64	7	84	89.82	0.31193
65	7	84	104.44	0.06484
66	7	84	71.60	0.83043
67	7	84	87.15	0.38542
68	7	84	81.23	0.56540
69	7	84	75.85	0.72523
70	7	84	80.69	0.58220
71	7	84	94.98	0.19382
72	7	84	75.71	0.72906
73	7	84	94.69	0.19967
74	7	84	75.67	0.73017
75	7	84	98.27	0.13678
76	7	84	69.99	0.86332
77	7	84	84.97	0.44976
78	7	84	114.04	0.01627
79	7	84	58.29	0.98534
80	7	84	89.15	0.32969
81	7	84	71.92	0.82342
82	7	84	75.35	0.73880
83	7	84	82.09	0.53860
84	7	84	80.29	0.59447
85	7	84	86.69	0.39879
86	7	84	79.04	0.63250
87	7	84	70.41	0.85516
88	7	84	76.84	0.69757
89	7	84	80.18	0.59788
90	7	84	81.33	0.56237
91	7	84	95.93	0.17588
92	7	84	81.95	0.54299
93	7	84	91.93	0.25952
94	7	84	97.08	0.15573
95	7	84	114.65	0.01477
96	7	84	74.13	0.77092
97	7	84	94.53	0.20274
98	7	84	101.26	0.09674
99	7	84	92.06	0.25657
100	7	84	73.67	0.78240

Combined P-value for all tests (Using KS method)	0.93136
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Notes:

- 1) The P-values are observed probabilities from the Chi-Square tests. The last row shows the result of the KS Test performed on the p-values for all Chi-Square tests, where there are sufficient data.

2.2 Poker rank statistics for 36 cards deck:

Test No.	Positions	DOF	ChiSqr	P-Value
1	7	56	78.32	0.02609
2	7	56	41.71	0.92248
3	7	56	57.74	0.41060
4	7	56	49.12	0.73069
5	7	56	67.80	0.13413
6	7	56	65.33	0.18434
7	7	56	40.23	0.94454
8	7	56	58.69	0.37706
9	7	56	47.39	0.78673
10	7	56	66.95	0.15012
11	7	56	67.57	0.13827
12	7	56	49.32	0.72391
13	7	56	67.12	0.14686
14	7	56	51.88	0.63143
15	7	56	50.11	0.69643
16	7	56	63.94	0.21770
17	7	56	61.78	0.27722
18	7	56	58.87	0.37104
19	7	56	50.11	0.69621
20	7	56	50.68	0.67595
21	7	56	53.83	0.55760
22	7	56	29.36	0.99874
23	7	56	39.51	0.95348
24	7	56	35.92	0.98310
25	7	56	46.91	0.80122
26	7	56	69.05	0.11299
27	7	56	76.64	0.03488
28	7	56	57.22	0.42953
29	7	56	46.78	0.80512
30	7	56	46.33	0.81810
31	7	56	47.84	0.77270
32	7	56	60.79	0.30744
33	7	56	51.53	0.64464
34	7	56	61.81	0.27633
35	7	56	67.16	0.14593
36	7	56	58.76	0.37456
37	7	56	67.54	0.13883
38	7	56	54.40	0.53556
39	7	56	80.10	0.01899
40	7	56	62.20	0.26494
41	7	56	56.85	0.44319
42	7	56	52.38	0.61269
43	7	56	58.59	0.38049
44	7	56	54.86	0.51795
45	7	56	37.40	0.97358
46	7	56	39.64	0.95190
47	7	56	56.92	0.44046
48	7	56	60.53	0.31564

49	7	56	55.48	0.49434
50	7	56	69.29	0.10939
51	7	56	49.81	0.70690
52	7	56	62.64	0.25252
53	7	56	47.11	0.79552
54	7	56	54.22	0.54272
55	7	56	50.36	0.68725
56	7	56	58.54	0.38222
57	7	56	44.05	0.87648
58	7	56	59.57	0.34696
59	7	56	58.59	0.38065
60	7	56	59.45	0.35103
61	7	56	75.10	0.04509
62	7	56	78.83	0.02388
63	7	56	53.41	0.57353
64	7	56	51.50	0.64563
65	7	56	50.10	0.69657
66	7	56	50.01	0.69992
67	7	56	66.23	0.16475
68	7	56	60.42	0.31938
69	7	56	55.91	0.47819
70	7	56	67.47	0.14021
71	7	56	48.19	0.76165
72	7	56	52.83	0.59549
73	7	56	44.82	0.85818
74	7	56	52.72	0.59994
75	7	56	60.25	0.32475
76	7	56	53.98	0.55167
77	7	56	64.52	0.20322
78	7	56	36.11	0.98207
79	7	56	44.94	0.85517
80	7	56	58.97	0.36756
81	7	56	53.72	0.56183
82	7	56	74.44	0.05025
83	7	56	41.40	0.92743
84	7	56	54.84	0.51898
85	7	56	65.70	0.17605
86	7	56	67.34	0.14265
87	7	56	66.56	0.15779
88	7	56	69.34	0.10863
89	7	56	56.11	0.47092
90	7	56	45.84	0.83185
91	7	56	58.27	0.39171
92	7	56	44.37	0.86901
93	7	56	58.88	0.37050
94	7	56	71.93	0.07440
95	7	56	60.80	0.30724
96	7	56	80.16	0.01878
97	7	56	61.23	0.29384
98	7	56	55.31	0.50083
99	7	56	63.13	0.23890
100	7	56	38.26	0.96646
Combined P-value for all tests (Using KS method)				0.72474

Notes:

- 1) The P-values are observed probabilities from the Chi-Square tests. The last row shows the result of the KS Test performed on the p-values for all Chi-Square tests, where there are sufficient data.

3. Poker suits statistics

The Poker suits analysis aims to verify that that the cards dealt exhibit an equal probability of all 4 suits (Clubs, Diamonds, Hearts and Spades) in all positions.

The Poker suits analysis involved creating subsets of data and conducting Chi-square tests on each subset. The analysis performs a KS Test (Kolmogorov-Smirnov test) for uniform distribution on the observed p-values, and the combined p-value result of this test is taken as the final result of the Suits statistics tests.

3.1 Poker suits statistics for 52 cards deck:

Test No.	Positions	DOF	ChiSqr	P-Value
1	7	21	34.47	0.03224
2	7	21	25.02	0.24651
3	7	21	10.61	0.96986
4	7	21	19.18	0.57361
5	7	21	13.92	0.87299
6	7	21	34.10	0.03540
7	7	21	13.36	0.89531
8	7	21	17.49	0.68128
9	7	21	25.90	0.21015
10	7	21	17.16	0.70143
11	7	21	26.07	0.20391
12	7	21	13.72	0.88116
13	7	21	21.09	0.45320
14	7	21	17.77	0.66329
15	7	21	24.57	0.26640
16	7	21	21.08	0.45407
17	7	21	20.59	0.48397
18	7	21	13.33	0.89659
19	7	21	20.18	0.50974
20	7	21	24.87	0.25269
21	7	21	19.73	0.53842
22	7	21	23.70	0.30795
23	7	21	24.51	0.26894
24	7	21	20.38	0.49701
25	7	21	28.91	0.11623
26	7	21	18.19	0.63719
27	7	21	19.13	0.57671
28	7	21	25.74	0.21673
29	7	21	18.16	0.63875
30	7	21	33.33	0.04268
31	7	21	38.29	0.01191
32	7	21	10.34	0.97416
33	7	21	23.54	0.31568
34	7	21	12.52	0.92444
35	7	21	24.78	0.25682
36	7	21	25.61	0.22158
37	7	21	17.16	0.70121
38	7	21	26.27	0.19625
39	7	21	19.43	0.55743
40	7	21	32.62	0.05061
41	7	21	21.40	0.43447
42	7	21	13.11	0.90459

43	7	21	18.57	0.61255
44	7	21	26.06	0.20400
45	7	21	24.08	0.28929
46	7	21	14.52	0.84638
47	7	21	22.70	0.36025
48	7	21	15.91	0.77465
49	7	21	18.63	0.60892
50	7	21	25.36	0.23174
51	7	21	22.78	0.35592
52	7	21	21.75	0.41429
53	7	21	21.50	0.42853
54	7	21	25.72	0.21741
55	7	21	17.11	0.70415
56	7	21	12.22	0.93343
57	7	21	24.07	0.28982
58	7	21	19.45	0.55607
59	7	21	17.45	0.68374
60	7	21	12.80	0.91554
61	7	21	29.66	0.09903
62	7	21	13.71	0.88157
63	7	21	25.32	0.23353
64	7	21	13.07	0.90616
65	7	21	27.91	0.14273
66	7	21	22.17	0.38949
67	7	21	20.46	0.49230
68	7	21	24.80	0.25594
69	7	21	13.98	0.87037
70	7	21	29.05	0.11273
71	7	21	20.20	0.50871
72	7	21	14.33	0.85480
73	7	21	16.81	0.72227
74	7	21	24.06	0.29034
75	7	21	37.92	0.01318
76	7	21	40.35	0.00674
77	7	21	23.77	0.30413
78	7	21	24.06	0.29003
79	7	21	22.26	0.38494
80	7	21	17.11	0.70420
81	7	21	22.93	0.34786
82	7	21	17.26	0.69513
83	7	21	25.69	0.21835
84	7	21	25.90	0.21024
85	7	21	30.72	0.07838
86	7	21	22.56	0.36798
87	7	21	18.21	0.63578
88	7	21	25.16	0.24044
89	7	21	12.43	0.92726
90	7	21	30.39	0.08442
91	7	21	17.68	0.66885
92	7	21	24.95	0.24951
93	7	21	17.91	0.65459
94	7	21	28.89	0.11660
95	7	21	25.11	0.24228
96	7	21	22.43	0.37500
97	7	21	13.71	0.88163

98	7	21	23.41	0.32234
99	7	21	21.53	0.42677
100	7	21	22.43	0.37509
Combined P-value for all tests (Using KS method)				0.25094

Notes:

- 1) The P-values are observed probabilities from the Chi-Square tests. The last row shows the result of the KS Test performed on the p-values for all Chi-Square tests, where there are sufficient data.

3.2 Poker suits statistics for 36 cards deck:

Test No.	Positions	DOF	ChiSqr	P-Value
1	7	21	19.95	0.52464
2	7	21	26.02	0.20584
3	7	21	21.05	0.45602
4	7	21	20.67	0.47929
5	7	21	27.19	0.16459
6	7	21	16.73	0.72714
7	7	21	21.91	0.40460
8	7	21	21.76	0.41330
9	7	21	9.11	0.98828
10	7	21	48.90	0.00052
11	7	21	16.19	0.75877
12	7	21	15.31	0.80726
13	7	21	22.82	0.35372
14	7	21	17.55	0.67715
15	7	21	16.19	0.75877
16	7	21	27.10	0.16744
17	7	21	17.24	0.69630
18	7	21	22.64	0.36347
19	7	21	9.16	0.98790
20	7	21	18.78	0.59917
21	7	21	15.34	0.80572
22	7	21	11.51	0.95180
23	7	21	19.99	0.52211
24	7	21	18.74	0.60156
25	7	21	29.88	0.09437
26	7	21	27.78	0.14654
27	7	21	34.00	0.03622
28	7	21	29.43	0.10407
29	7	21	14.05	0.86753
30	7	21	24.16	0.28550
31	7	21	27.41	0.15767
32	7	21	19.42	0.55796
33	7	21	26.49	0.18835
34	7	21	19.88	0.52870
35	7	21	10.25	0.97551
36	7	21	15.20	0.81292
37	7	21	14.05	0.86730
38	7	21	26.97	0.17200
39	7	21	21.32	0.43956
40	7	21	25.99	0.20686
41	7	21	33.83	0.03782
42	7	21	21.60	0.42271
43	7	21	26.69	0.18142
44	7	21	18.00	0.64926

45	7	21	22.57	0.36733
46	7	21	20.25	0.50560
47	7	21	18.17	0.63810
48	7	21	12.58	0.92250
49	7	21	18.63	0.60886
50	7	21	13.04	0.90722
51	7	21	24.11	0.28776
52	7	21	17.79	0.66213
53	7	21	21.79	0.41193
54	7	21	10.42	0.97290
55	7	21	21.16	0.44945
56	7	21	15.39	0.80278
57	7	21	25.98	0.20714
58	7	21	18.17	0.63835
59	7	21	14.79	0.83353
60	7	21	17.36	0.68894
61	7	21	16.66	0.73150
62	7	21	31.76	0.06191
63	7	21	29.44	0.10383
64	7	21	11.11	0.96056
65	7	21	27.99	0.14055
66	7	21	24.12	0.28718
67	7	21	19.01	0.58463
68	7	21	24.56	0.26681
69	7	21	29.93	0.09336
70	7	21	18.43	0.62153
71	7	21	26.00	0.20660
72	7	21	27.03	0.16973
73	7	21	27.92	0.14243
74	7	21	23.39	0.32334
75	7	21	25.30	0.23449
76	7	21	20.36	0.49870
77	7	21	22.07	0.39560
78	7	21	22.40	0.37689
79	7	21	31.85	0.06069
80	7	21	22.53	0.36954
81	7	21	28.93	0.11569
82	7	21	15.36	0.80446
83	7	21	19.39	0.56001
84	7	21	17.91	0.65444
85	7	21	15.79	0.78133
86	7	21	14.44	0.84997
87	7	21	23.47	0.31934
88	7	21	18.12	0.64165
89	7	21	23.58	0.31375
90	7	21	24.65	0.26255
91	7	21	21.31	0.44016
92	7	21	24.38	0.27501
93	7	21	17.95	0.65204
94	7	21	22.87	0.35116
95	7	21	21.10	0.45261
96	7	21	14.81	0.83227
97	7	21	14.46	0.84913
98	7	21	30.96	0.07429
99	7	21	22.94	0.34708

100	7	21	33.12	0.04489
Combined P-value for all tests (Using KS method)				0.79476

Notes:

- 1) The P-values are observed probabilities from the Chi-Square tests. The last row shows the result of the KS Test performed on the p-values for all Chi-Square tests, where there are sufficient data.

4. Summary of the analysis

4.1 Summary of the analysis of 52 cards deck:

The analysis of 52 cards completes by combining the result of the KS Test performed in the 3 types of analysis (Hand Types, Ranks and Suits) for 52 card decks using the Holm's method and producing a single Combined P -value.

The combined p-value produced using the Holm's method is used as indication for statistical randomness.

Combination of p-values using Holm's Method		
Test	P-Value	P-Adjusted
Ranks Test	0.93136	0.93136
Suits Test	0.25094	0.75283
Hand Types Test	0.40054	0.80108
Combined P-Value using Holm's Method		0.75283

Notes:

- 1) The combined p-value of all statistical tests using Holm's Method conducted for 52 card decks is greater than the minimum value of 0.05 which indicates that the randomness of the observed data falls within 95% confidence limits.

The final outcome of the analysis of 52 cards deck indicates that the RNG is working correctly.

4.2 Summary of the analysis of 36 cards deck:

The analysis of 36 cards completes by combining the result of the KS Test performed in the 3 types of analysis (Hand Types, Ranks and Suits) for 36 card decks using the Holm's method and producing a single Combined P -value. Where there are insufficient data the individual Chi-Square tests results are used in the Holm's method for producing a combined p-value.

The combined p-value produced from the using the Holm's method is used as indication for statistical randomness.

Combination of p-values using Holm's Method		
Test	P-Value	P-Adjusted
Ranks Test	0.72474	1.00000
Suits Test	0.79476	1.00000
Hands Type Test	0.60770	1.00000
Combined P-Value using Holm's Method		1.00000

Notes:

- 1) The combined p-value of all statistical tests using Holm's Method conducted for 36 card decks is greater than the minimum value of 0.05 which indicates that the randomness of the observed data falls within 95% confidence limits.

The final outcome of the analysis of 36 cards deck indicates that the RNG is working correctly.

5. Conclusion

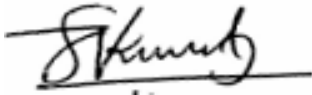
Analysis of actual data from game logs for 'Hand Types', 'Ranks' and 'Suits' for **52-card decks** and **36-card decks** indicated statistical randomness.

iTech Labs has done limited sanity checks to verify the integrity of the game logs. iTech Labs also maintains a copy of the game logs for verification purposes. There were a large enough number of game records to give the calculations sufficient statistical power.

We conclude that the Random Number Generator (RNG) is working correctly.

Please click here to see the [Original](#) report.

Signed:



Kiren Sreekumar
Principal Consultant
iTech Labs Australia
Date: 16 October, 2020

Signed:



Geoff Nicoll
Principal Consultant
iTech Labs Australia
Date: 16 October, 2020

Disclaimer.

While it is not possible to test all possible scenarios in a laboratory environment, iTech Labs has conducted a level of testing appropriate for a component test of this type.

