

11BE20MIMO	Ant2	6415	-3.72	4.92	1.20	≤5.00	PASS
11BE20MIMO	Ant3	6415	-2.35	4.84	2.49	≤5.00	PASS
11BE20MIMO	Ant4	6415	-2.68	3.35	0.67	≤5.00	PASS
11BE20MIMO	total	6415	3.01	1.12	4.13	≤5.00	PASS
11BE20MIMO	Ant1	6435	-2.94	4.24	1.30	≤5.00	PASS
11BE20MIMO	Ant2	6435	-3.20	4.92	1.72	≤5.00	PASS
11BE20MIMO	Ant3	6435	-1.64	4.84	3.20	≤5.00	PASS
11BE20MIMO	Ant4	6435	-2.67	3.35	0.68	≤5.00	PASS
11BE20MIMO	total	6435	3.45	1.12	4.57	≤5.00	PASS
11BE20MIMO	Ant1	6475	-3.28	4.24	0.96	≤5.00	PASS
11BE20MIMO	Ant2	6475	-3.24	4.92	1.68	≤5.00	PASS
11BE20MIMO	Ant3	6475	-1.41	4.84	3.43	≤5.00	PASS
11BE20MIMO	Ant4	6475	-2.75	3.35	0.60	≤5.00	PASS
11BE20MIMO	total	6475	3.42	1.12	4.54	≤5.00	PASS
11BE20MIMO	Ant1	6515	-3.07	4.24	1.17	≤5.00	PASS
11BE20MIMO	Ant2	6515	-2.68	4.92	2.24	≤5.00	PASS
11BE20MIMO	Ant3	6515	-2.21	4.84	2.63	≤5.00	PASS
11BE20MIMO	Ant4	6515	-3.32	3.35	0.03	≤5.00	PASS
11BE20MIMO	total	6515	3.22	1.12	4.34	≤5.00	PASS
11BE20MIMO	Ant1	6535	-2.87	4.24	1.37	≤5.00	PASS
11BE20MIMO	Ant2	6535	-2.59	4.92	2.33	≤5.00	PASS
11BE20MIMO	Ant3	6535	-1.42	4.84	3.42	≤5.00	PASS
11BE20MIMO	Ant4	6535	-2.88	3.35	0.47	≤5.00	PASS
11BE20MIMO	total	6535	3.62	1.12	4.74	≤5.00	PASS
11BE20MIMO	Ant1	6695	-4.13	4.24	0.11	≤5.00	PASS
11BE20MIMO	Ant2	6695	-2.81	4.92	2.11	≤5.00	PASS
11BE20MIMO	Ant3	6695	-0.78	4.84	4.06	≤5.00	PASS
11BE20MIMO	Ant4	6695	-3.15	3.35	0.20	≤5.00	PASS
11BE20MIMO	total	6695	3.48	1.12	4.60	≤5.00	PASS
11BE20MIMO	Ant1	6855	-3.09	4.24	1.15	≤5.00	PASS
11BE20MIMO	Ant2	6855	-3.22	4.92	1.70	≤5.00	PASS
11BE20MIMO	Ant3	6855	-1.63	4.84	3.21	≤5.00	PASS
11BE20MIMO	Ant4	6855	-2.53	3.35	0.82	≤5.00	PASS
11BE20MIMO	total	6855	3.45	1.12	4.57	≤5.00	PASS
11BE20MIMO	Ant1	6875	-3.24	4.24	1.00	≤5.00	PASS
11BE20MIMO	Ant2	6875	-3.39	4.92	1.53	≤5.00	PASS
11BE20MIMO	Ant3	6875	-2.22	4.84	2.62	≤5.00	PASS
11BE20MIMO	Ant4	6875	-2.64	3.35	0.71	≤5.00	PASS
11BE20MIMO	total	6875	3.17	1.12	4.29	≤5.00	PASS
11BE20MIMO	Ant1	6895	-2.79	4.24	1.45	≤5.00	PASS
11BE20MIMO	Ant2	6895	-3.48	4.92	1.44	≤5.00	PASS
11BE20MIMO	Ant3	6895	-2.07	4.84	2.77	≤5.00	PASS
11BE20MIMO	Ant4	6895	-1.93	3.35	1.42	≤5.00	PASS

11BE20MIMO	total	6895	3.45	1.12	4.57	≤5.00	PASS
11BE20MIMO	Ant1	6995	-2.50	4.24	1.74	≤5.00	PASS
11BE20MIMO	Ant2	6995	-3.42	4.92	1.50	≤5.00	PASS
11BE20MIMO	Ant3	6995	-1.81	4.84	3.03	≤5.00	PASS
11BE20MIMO	Ant4	6995	-1.92	3.35	1.43	≤5.00	PASS
11BE20MIMO	total	6995	3.65	1.12	4.77	≤5.00	PASS
11BE20MIMO	Ant1	7115	-2.63	4.24	1.61	≤5.00	PASS
11BE20MIMO	Ant2	7115	-3.39	4.92	1.53	≤5.00	PASS
11BE20MIMO	Ant3	7115	-2.14	4.84	2.70	≤5.00	PASS
11BE20MIMO	Ant4	7115	-2.40	3.35	0.95	≤5.00	PASS
11BE20MIMO	total	7115	3.40	1.12	4.52	≤5.00	PASS
11BE40MIMO	Ant1	5965	-3.14	4.24	1.10	≤5.00	PASS
11BE40MIMO	Ant2	5965	-3.65	4.92	1.27	≤5.00	PASS
11BE40MIMO	Ant3	5965	-2.33	4.84	2.51	≤5.00	PASS
11BE40MIMO	Ant4	5965	-1.77	3.35	1.58	≤5.00	PASS
11BE40MIMO	total	5965	3.36	1.12	4.48	≤5.00	PASS
11BE40MIMO	Ant1	6165	-3.36	4.24	0.88	≤5.00	PASS
11BE40MIMO	Ant2	6165	-3.22	4.92	1.70	≤5.00	PASS
11BE40MIMO	Ant3	6165	-1.89	4.84	2.95	≤5.00	PASS
11BE40MIMO	Ant4	6165	-2.21	3.35	1.14	≤5.00	PASS
11BE40MIMO	total	6165	3.40	1.12	4.52	≤5.00	PASS
11BE40MIMO	Ant1	6405	-2.95	4.24	1.29	≤5.00	PASS
11BE40MIMO	Ant2	6405	-4.00	4.92	0.92	≤5.00	PASS
11BE40MIMO	Ant3	6405	-1.82	4.84	3.02	≤5.00	PASS
11BE40MIMO	Ant4	6405	-2.50	3.35	0.85	≤5.00	PASS
11BE40MIMO	total	6405	3.27	1.12	4.39	≤5.00	PASS
11BE40MIMO	Ant1	6445	-3.81	4.24	0.43	≤5.00	PASS
11BE40MIMO	Ant2	6445	-3.44	4.92	1.48	≤5.00	PASS
11BE40MIMO	Ant3	6445	-2.66	4.84	2.18	≤5.00	PASS
11BE40MIMO	Ant4	6445	-1.54	3.35	1.81	≤5.00	PASS
11BE40MIMO	total	6445	3.25	1.12	4.37	≤5.00	PASS
11BE40MIMO	Ant1	6485	-4.25	4.24	-0.01	≤5.00	PASS
11BE40MIMO	Ant2	6485	-3.29	4.92	1.63	≤5.00	PASS
11BE40MIMO	Ant3	6485	-2.38	4.84	2.46	≤5.00	PASS
11BE40MIMO	Ant4	6485	-2.07	3.35	1.28	≤5.00	PASS
11BE40MIMO	total	6485	3.10	1.12	4.22	≤5.00	PASS
11BE40MIMO	Ant1	6525	-3.41	4.24	0.83	≤5.00	PASS
11BE40MIMO	Ant2	6525	-3.03	4.92	1.89	≤5.00	PASS
11BE40MIMO	Ant3	6525	-2.38	4.84	2.46	≤5.00	PASS
11BE40MIMO	Ant4	6525	-2.04	3.35	1.31	≤5.00	PASS
11BE40MIMO	total	6525	3.34	1.12	4.46	≤5.00	PASS
11BE40MIMO	Ant1	6565	-3.51	4.24	0.73	≤5.00	PASS
11BE40MIMO	Ant2	6565	-2.82	4.92	2.10	≤5.00	PASS

11BE40MIMO	Ant3	6565	-1.91	4.84	2.93	≤5.00	PASS
11BE40MIMO	Ant4	6565	-1.84	3.35	1.51	≤5.00	PASS
11BE40MIMO	total	6565	3.55	1.12	4.67	≤5.00	PASS
11BE40MIMO	Ant1	6685	-3.77	4.24	0.47	≤5.00	PASS
11BE40MIMO	Ant2	6685	-3.45	4.92	1.47	≤5.00	PASS
11BE40MIMO	Ant3	6685	-0.54	4.84	4.30	≤5.00	PASS
11BE40MIMO	Ant4	6685	-2.83	3.35	0.52	≤5.00	PASS
11BE40MIMO	total	6685	3.57	1.12	4.69	≤5.00	PASS
11BE40MIMO	Ant1	6845	-2.88	4.24	1.36	≤5.00	PASS
11BE40MIMO	Ant2	6845	-3.06	4.92	1.86	≤5.00	PASS
11BE40MIMO	Ant3	6845	-2.35	4.84	2.49	≤5.00	PASS
11BE40MIMO	Ant4	6845	-2.76	3.35	0.59	≤5.00	PASS
11BE40MIMO	total	6845	3.27	1.12	4.39	≤5.00	PASS
11BE40MIMO	Ant1	6885	-2.89	4.24	1.35	≤5.00	PASS
11BE40MIMO	Ant2	6885	-3.01	4.92	1.91	≤5.00	PASS
11BE40MIMO	Ant3	6885	-2.68	4.84	2.16	≤5.00	PASS
11BE40MIMO	Ant4	6885	-2.08	3.35	1.27	≤5.00	PASS
11BE40MIMO	total	6885	3.37	1.12	4.49	≤5.00	PASS
11BE40MIMO	Ant1	6925	-2.29	4.24	1.95	≤5.00	PASS
11BE40MIMO	Ant2	6925	-3.17	4.92	1.75	≤5.00	PASS
11BE40MIMO	Ant3	6925	-2.22	4.84	2.62	≤5.00	PASS
11BE40MIMO	Ant4	6925	-1.99	3.35	1.36	≤5.00	PASS
11BE40MIMO	total	6925	3.63	1.12	4.75	≤5.00	PASS
11BE40MIMO	Ant1	6965	-2.41	4.24	1.83	≤5.00	PASS
11BE40MIMO	Ant2	6965	-3.31	4.92	1.61	≤5.00	PASS
11BE40MIMO	Ant3	6965	-2.12	4.84	2.72	≤5.00	PASS
11BE40MIMO	Ant4	6965	-2.07	3.35	1.28	≤5.00	PASS
11BE40MIMO	total	6965	3.57	1.12	4.69	≤5.00	PASS
11BE40MIMO	Ant1	7085	-2.62	4.24	1.62	≤5.00	PASS
11BE40MIMO	Ant2	7085	-3.31	4.92	1.61	≤5.00	PASS
11BE40MIMO	Ant3	7085	-2.32	4.84	2.52	≤5.00	PASS
11BE40MIMO	Ant4	7085	-1.90	3.35	1.45	≤5.00	PASS
11BE40MIMO	total	7085	3.51	1.12	4.63	≤5.00	PASS
11BE80MIMO	Ant1	5985	-3.66	4.24	0.58	≤5.00	PASS
11BE80MIMO	Ant2	5985	-3.40	4.92	1.52	≤5.00	PASS
11BE80MIMO	Ant3	5985	-1.78	4.84	3.06	≤5.00	PASS
11BE80MIMO	Ant4	5985	-1.52	3.35	1.83	≤5.00	PASS
11BE80MIMO	total	5985	3.53	1.12	4.65	≤5.00	PASS
11BE80MIMO	Ant1	6145	-3.27	4.24	0.97	≤5.00	PASS
11BE80MIMO	Ant2	6145	-3.66	4.92	1.26	≤5.00	PASS
11BE80MIMO	Ant3	6145	-2.12	4.84	2.72	≤5.00	PASS
11BE80MIMO	Ant4	6145	-2.46	3.35	0.89	≤5.00	PASS
11BE80MIMO	total	6145	3.19	1.12	4.31	≤5.00	PASS

11BE80MIMO	Ant1	6385	-3.03	4.24	1.21	≤5.00	PASS
11BE80MIMO	Ant2	6385	-3.93	4.92	0.99	≤5.00	PASS
11BE80MIMO	Ant3	6385	-1.64	4.84	3.20	≤5.00	PASS
11BE80MIMO	Ant4	6385	-2.45	3.35	0.90	≤5.00	PASS
11BE80MIMO	total	6385	3.34	1.12	4.46	≤5.00	PASS
11BE80MIMO	Ant1	6465	-2.58	4.24	1.66	≤5.00	PASS
11BE80MIMO	Ant2	6465	-3.38	4.92	1.54	≤5.00	PASS
11BE80MIMO	Ant3	6465	-1.80	4.84	3.04	≤5.00	PASS
11BE80MIMO	Ant4	6465	-2.11	3.35	1.24	≤5.00	PASS
11BE80MIMO	total	6465	3.59	1.12	4.71	≤5.00	PASS
11BE80MIMO	Ant1	6545	-2.98	4.24	1.26	≤5.00	PASS
11BE80MIMO	Ant2	6545	-2.80	4.92	2.12	≤5.00	PASS
11BE80MIMO	Ant3	6545	-1.42	4.84	3.42	≤5.00	PASS
11BE80MIMO	Ant4	6545	-2.89	3.35	0.46	≤5.00	PASS
11BE80MIMO	total	6545	3.55	1.12	4.67	≤5.00	PASS
11BE80MIMO	Ant1	6625	-4.19	4.24	0.05	≤5.00	PASS
11BE80MIMO	Ant2	6625	-3.12	4.92	1.80	≤5.00	PASS
11BE80MIMO	Ant3	6625	-0.39	4.84	4.45	≤5.00	PASS
11BE80MIMO	Ant4	6625	-3.37	3.35	-0.02	≤5.00	PASS
11BE80MIMO	total	6625	3.51	1.12	4.63	≤5.00	PASS
11BE80MIMO	Ant1	6705	-4.28	4.24	-0.04	≤5.00	PASS
11BE80MIMO	Ant2	6705	-3.72	4.92	1.20	≤5.00	PASS
11BE80MIMO	Ant3	6705	-0.61	4.84	4.23	≤5.00	PASS
11BE80MIMO	Ant4	6705	-2.43	3.35	0.92	≤5.00	PASS
11BE80MIMO	total	6705	3.50	1.12	4.62	≤5.00	PASS
11BE80MIMO	Ant1	6785	-3.38	4.24	0.86	≤5.00	PASS
11BE80MIMO	Ant2	6785	-3.27	4.92	1.65	≤5.00	PASS
11BE80MIMO	Ant3	6785	-1.66	4.84	3.18	≤5.00	PASS
11BE80MIMO	Ant4	6785	-2.84	3.35	0.51	≤5.00	PASS
11BE80MIMO	total	6785	3.29	1.12	4.41	≤5.00	PASS
11BE80MIMO	Ant1	6865	-3.05	4.24	1.19	≤5.00	PASS
11BE80MIMO	Ant2	6865	-3.04	4.92	1.88	≤5.00	PASS
11BE80MIMO	Ant3	6865	-1.68	4.84	3.16	≤5.00	PASS
11BE80MIMO	Ant4	6865	-2.51	3.35	0.84	≤5.00	PASS
11BE80MIMO	total	6865	3.49	1.12	4.61	≤5.00	PASS
11BE80MIMO	Ant1	6945	-3.19	4.24	1.05	≤5.00	PASS
11BE80MIMO	Ant2	6945	-3.48	4.92	1.44	≤5.00	PASS
11BE80MIMO	Ant3	6945	-1.95	4.84	2.89	≤5.00	PASS
11BE80MIMO	Ant4	6945	-1.95	3.35	1.40	≤5.00	PASS
11BE80MIMO	total	6945	3.43	1.12	4.55	≤5.00	PASS
11BE80MIMO	Ant1	7025	-3.53	4.24	0.71	≤5.00	PASS
11BE80MIMO	Ant2	7025	-3.86	4.92	1.06	≤5.00	PASS
11BE80MIMO	Ant3	7025	-2.53	4.84	2.31	≤5.00	PASS

11BE80MIMO	Ant4	7025	-2.41	3.35	0.94	≤5.00	PASS
11BE80MIMO	total	7025	2.98	1.12	4.10	≤5.00	PASS
11BE160MIMO	Ant1	6025	-3.67	4.24	0.57	≤5.00	PASS
11BE160MIMO	Ant2	6025	-3.77	4.92	1.15	≤5.00	PASS
11BE160MIMO	Ant3	6025	-2.23	4.84	2.61	≤5.00	PASS
11BE160MIMO	Ant4	6025	-1.79	3.35	1.56	≤5.00	PASS
11BE160MIMO	total	6025	3.24	1.12	4.36	≤5.00	PASS
11BE160MIMO	Ant1	6185	-3.64	4.24	0.60	≤5.00	PASS
11BE160MIMO	Ant2	6185	-3.55	4.92	1.37	≤5.00	PASS
11BE160MIMO	Ant3	6185	-1.58	4.84	3.26	≤5.00	PASS
11BE160MIMO	Ant4	6185	-1.89	3.35	1.46	≤5.00	PASS
11BE160MIMO	total	6185	3.46	1.12	4.58	≤5.00	PASS
11BE160MIMO	Ant1	6345	-4.10	4.24	0.14	≤5.00	PASS
11BE160MIMO	Ant2	6345	-3.68	4.92	1.24	≤5.00	PASS
11BE160MIMO	Ant3	6345	-1.85	4.84	2.99	≤5.00	PASS
11BE160MIMO	Ant4	6345	-2.10	3.35	1.25	≤5.00	PASS
11BE160MIMO	total	6345	3.20	1.12	4.32	≤5.00	PASS
11BE160MIMO	Ant1	6505	-3.22	4.24	1.02	≤5.00	PASS
11BE160MIMO	Ant2	6505	-2.94	4.92	1.98	≤5.00	PASS
11BE160MIMO	Ant3	6505	-1.79	4.84	3.05	≤5.00	PASS
11BE160MIMO	Ant4	6505	-3.07	3.35	0.28	≤5.00	PASS
11BE160MIMO	total	6505	3.30	1.12	4.42	≤5.00	PASS
11BE160MIMO	Ant1	6665	-4.96	4.24	-0.72	≤5.00	PASS
11BE160MIMO	Ant2	6665	-2.02	4.92	2.90	≤5.00	PASS
11BE160MIMO	Ant3	6665	-0.55	4.84	4.29	≤5.00	PASS
11BE160MIMO	Ant4	6665	-3.50	3.35	-0.15	≤5.00	PASS
11BE160MIMO	total	6665	3.57	1.12	4.69	≤5.00	PASS
11BE160MIMO	Ant1	6825	-3.49	4.24	0.75	≤5.00	PASS
11BE160MIMO	Ant2	6825	-3.51	4.92	1.41	≤5.00	PASS
11BE160MIMO	Ant3	6825	-1.46	4.84	3.38	≤5.00	PASS
11BE160MIMO	Ant4	6825	-2.31	3.35	1.04	≤5.00	PASS
11BE160MIMO	total	6825	3.42	1.12	4.54	≤5.00	PASS
11BE160MIMO	Ant1	6985	-2.83	4.24	1.41	≤5.00	PASS
11BE160MIMO	Ant2	6985	-4.00	4.92	0.92	≤5.00	PASS
11BE160MIMO	Ant3	6985	-2.64	4.84	2.20	≤5.00	PASS
11BE160MIMO	Ant4	6985	-2.51	3.35	0.84	≤5.00	PASS
11BE160MIMO	total	6985	3.06	1.12	4.18	≤5.00	PASS
11BE320MIMO	Ant1	6105	-3.13	4.24	1.11	≤5.00	PASS
11BE320MIMO	Ant2	6105	-3.17	4.92	1.75	≤5.00	PASS
11BE320MIMO	Ant3	6105	-2.73	4.84	2.11	≤5.00	PASS
11BE320MIMO	Ant4	6105	-2.79	3.35	0.56	≤5.00	PASS
11BE320MIMO	total	6105	3.07	1.12	4.19	≤5.00	PASS
11BE320MIMO	Ant1	6265	-3.26	4.24	0.98	≤5.00	PASS

11BE320MIMO	Ant2	6265	-2.88	4.92	2.04	≤5.00	PASS
11BE320MIMO	Ant3	6265	-2.77	4.84	2.07	≤5.00	PASS
11BE320MIMO	Ant4	6265	-2.81	3.35	0.54	≤5.00	PASS
11BE320MIMO	total	6265	3.09	1.12	4.21	≤5.00	PASS
11BE320MIMO	Ant1	6585	-2.91	4.24	1.33	≤5.00	PASS
11BE320MIMO	Ant2	6585	-3.17	4.92	1.75	≤5.00	PASS
11BE320MIMO	Ant3	6585	-2.88	4.84	1.96	≤5.00	PASS
11BE320MIMO	Ant4	6585	-2.88	3.35	0.47	≤5.00	PASS
11BE320MIMO	total	6585	3.06	1.12	4.18	≤5.00	PASS
11BE320MIMO	Ant1	6745	-3.00	4.24	1.24	≤5.00	PASS
11BE320MIMO	Ant2	6745	-2.92	4.92	2.00	≤5.00	PASS
11BE320MIMO	Ant3	6745	-2.78	4.84	2.06	≤5.00	PASS
11BE320MIMO	Ant4	6745	-2.93	3.35	0.42	≤5.00	PASS
11BE320MIMO	total	6745	3.11	1.12	4.23	≤5.00	PASS
11BE320MIMO	Ant1	6905	-2.89	4.24	1.35	≤5.00	PASS
11BE320MIMO	Ant2	6905	-3.12	4.92	1.80	≤5.00	PASS
11BE320MIMO	Ant3	6905	-2.79	4.84	2.05	≤5.00	PASS
11BE320MIMO	Ant4	6905	-2.97	3.35	0.38	≤5.00	PASS
11BE320MIMO	total	6905	3.08	1.12	4.20	≤5.00	PASS

Note: 1.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Unequal antenna gains, with equal transmit powers. For antenna gains given by $G_1, G_2, \dots, G_N$ dBi
If transmit signals are completely uncorrelated, then Directional gain = $10 \log[(10^{G_1/10} + 10^{G_2/10} + \dots + 10^{G_N/10})/N_{ANT}]$ dBi
Directional gain = 1.12dBi

Beamforming conducted power less than no beamforming conducted power, so only no beamforming conducted power spectral density was recorded.

Test graph



11A-CDD-Ant1-5955-PASS



11A-CDD-Ant2-5955-PASS



11A-CDD-Ant3-5955-PASS



11A-CDD-Ant4-5955-PASS



11A-CDD-Ant1-6175-PASS



11A-CDD-Ant2-6175-PASS



11A-CDD-Ant3-6175-PASS



11A-CDD-Ant4-6175-PASS



11A-CDD-Ant1-6415-PASS



11A-CDD-Ant2-6415-PASS



11A-CDD-Ant3-6415-PASS



11A-CDD-Ant4-6415-PASS



11A-CDD-Ant1-6435-PASS



11A-CDD-Ant2-6435-PASS



11A-CDD-Ant3-6435-PASS



11A-CDD-Ant4-6435-PASS



11A-CDD-Ant1-6475-PASS



11A-CDD-Ant2-6475-PASS



11A-CDD-Ant3-6475-PASS



11A-CDD-Ant4-6475-PASS



11A-CDD-Ant1-6515-PASS



11A-CDD-Ant2-6515-PASS



11A-CDD-Ant3-6515-PASS



11A-CDD-Ant4-6515-PASS



11A-CDD-Ant1-6535-PASS



11A-CDD-Ant2-6535-PASS



11A-CDD-Ant3-6535-PASS



11A-CDD-Ant4-6535-PASS