Product Service

10477-AAB	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	1.06	60.92	8.53	3.23	80.0	± 9.6 %
		Y	1.38	63.07	9.75		80.0	
		Z	1.19	61.22	8.82		80.0	
10478-AAB	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	0.98	60.00	7.59	3.23	80.0	± 9.6 %
		Y	1.09	60.56	8.08		80.0	
		Z	1.07	60.00	7.77		80.0	
10479-AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.14	76.27	18.98	3.23	80.0	± 9.6 %
		Y	4.79	78.30	20.13		80.0	
		Z	3.76	74.09	18.13		80.0	
10480-AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.67	71.15	15.30	3.23	80.0	± 9.6 %
		Y	4.79	74.51	17.04		80.0	
		Z	3.56	70.15	15.03		80.0	
10481-AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.10	68.67	13.94	3.23	80.0	± 9.6 %
		Y	4.07	71.92	15.71		80.0	
		Z	3.13	68.19	13.89		80.0	
10482-AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	2.13	66.78	14.04	2.23	80.0	± 9.6 %
		Y	2.63	69.43	15.68		80.0	
		Z	2.28	67.25	14.40		80.0	
10483-AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	2.80	67.01	13.58	2.23	80.0	± 9.6 %
		Y	3.57	70.12	15.47		80.0	
		Z	2.93	67.15	13.81		80.0	
10484-AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	2.73	66.47	13.34	2.23	80.0	± 9.6 %
		Y	3.45	69.45	15.20		80.0	
		Z	2.87	66.70	13.61		80.0	
10485-AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	2.55	68.83	15.94	2.23	80.0	± 9.6 %
		Y	2.98	70.92	17.16		80.0	
		Z	2.67	68.99	16.05		80.0	
10486-AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	2.67	66.45	14.37	2.23	80.0	± 9.6 %
		Y	3.02	67.96	15.47		80.0	
		Z	2.81	66.75	14.64		80.0	
10487-AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	2.70	66.22	14.25	2.23	80.0	± 9.6 %
		Y	3.04	67.69	15.34		80.0	
		Z	2.84	66.54	14.53		80.0	
10488-AAB	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.02	69.31	16.93	2.23	80.0	± 9.6 %
		Y	3.39	70.86	17.76		80.0	
		Z	3.14	69.41	16.93		80.0	
10489-AAB	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.17	67.21	16.05	2.23	80.0	± 9.6 %
		Y	3.40	68.06	16.65		80.0	
		Z	3.28	67.32	16.10		80.0	
10490-AAB	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.27	67.16	16.05	2.23	80.0	± 9.6 %
		Y	3.50	67.96	16.63		80.0	
		Z	3.38	67.27	16.11		80.0	
10491-AAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.39	68.71	16.86	2.23	80.0	± 9.6 %
		Y	3.69	69.88	17.49		80.0	
		Z	3.50	68.83	16.85		80.0	
10492-AAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.59	66.97	16.31	2.23	80.0	± 9.6 %
		Y	3.79	67.64	16.77		80.0	
		Z	3.69	67.09	16.34		80.0	

Product Service

10493-AAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.66	66.91	16.30	2.23	80.0	± 9.6 %
		Y	3.86	67.55	16.75		80.0	
		Z	3.77	67.03	16.34		80.0	
10494-AAB	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.57	69.75	17.16	2.23	80.0	± 9.6 %
		Y	3.95	71.16	17.86		80.0	
		Z	3.69	69.87	17.14		80.0	
10495-AAB	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.60	67.26	16.48	2.23	80.0	± 9.6 %
		Y	3.81	68.00	16.94		80.0	
		Z	3.71	67.39	16.50		80.0	
10496-AAB	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.70	67.12	16.46	2.23	80.0	± 9.6 %
		Y	3.90	67.79	16.90		80.0	
		Z	3.81	67.25	16.48		80.0	
10497-AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	1.56	63.22	11.36	2.23	80.0	± 9.6 %
		Y	1.97	65.90	13.24		80.0	
		Z	1.73	64.01	11.99		80.0	
10498-AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	1.39	60.03	8.67	2.23	80.0	± 9.6 %
		Y	1.73	61.98	10.36		80.0	
		Z	1.57	60.86	9.43		80.0	
10499-AAA	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	1.41	60.00	8.53	2.23	80.0	± 9.6 %
		Y	1.69	61.56	10.00		80.0	
		Z	1.54	60.51	9.11		80.0	
10500-AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	2.73	68.91	16.30	2.23	80.0	± 9.6 %
		Y	3.11	70.67	17.33		80.0	
		Z	2.84	69.01	16.36		80.0	
10501-AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	2.90	66.88	15.08	2.23	80.0	± 9.6 %
		Y	3.20	68.06	15.95		80.0	
		Z	3.02	67.06	15.24		80.0	
10502-AAA	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	2.96	66.81	14.99	2.23	80.0	± 9.6 %
		Y	3.26	67.97	15.86		80.0	
		Z	3.09	67.00	15.16		80.0	
10503-AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	2.99	69.14	16.84	2.23	80.0	± 9.6 %
		Y	3.36	70.70	17.68		80.0	
		Z	3.11	69.25	16.84		80.0	
10504-AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.16	67.12	15.99	2.23	80.0	± 9.6 %
		Y	3.39	67.99	16.60		80.0	
		Z	3.26	67.23	16.05		80.0	
10505-AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.26	67.07	15.99	2.23	80.0	± 9.6 %
		Y	3.49	67.88	16.58		80.0	
		Z	3.36	67.18	16.05		80.0	
10506-AAB	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	3.54	69.63	17.10	2.23	80.0	± 9.6 %
		Y	3.92	71.03	17.79		80.0	
		Z	3.67	69.75	17.08		80.0	
10507-AAB	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.59	67.20	16.44	2.23	80.0	± 9.6 %
		Y	3.80	67.94	16.91		80.0	
		Z	3.70	67.33	16.46		80.0	

Product Service

10508-AAB	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	3.69	67.05	16.42	2.23	80.0	± 9.6 %
		Y	3.89	67.73	16.86		80.0	
		Z	3.79	67.18	16.44		80.0	
10509-AAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.00	69.12	16.94	2.23	80.0	± 9.6 %
		Y	4.31	70.17	17.46		80.0	
		Z	4.11	69.24	16.92		80.0	
10510-AAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	4.11	67.23	16.60	2.23	80.0	± 9.6 %
		Y	4.31	67.87	16.99		80.0	
		Z	4.22	67.38	16.62		80.0	
10511-AAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.18	67.07	16.58	2.23	80.0	± 9.6 %
		Y	4.37	67.66	16.94		80.0	
		Z	4.28	67.21	16.60		80.0	
10512-AAB	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	X	4.04	70.10	17.19	2.23	80.0	± 9.6 %
		Y	4.44	71.46	17.84		80.0	
		Z	4.16	70.23	17.17		80.0	
10513-AAB	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	X	3.98	67.37	16.64	2.23	80.0	± 9.6 %
		Y	4.19	68.10	17.06		80.0	
		Z	4.09	67.53	16.66		80.0	
10514-AAB	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	X	4.03	67.08	16.58	2.23	80.0	± 9.6 %
		Y	4.22	67.73	16.97		80.0	
		Z	4.13	67.24	16.60		80.0	
10515-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	X	0.98	62.80	14.38	0.00	150.0	± 9.6 %
		Y	0.97	62.85	14.44		150.0	
		Z	0.97	62.75	14.34		150.0	
10516-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	X	0.54	67.42	15.76	0.00	150.0	± 9.6 %
		Y	0.55	68.23	16.12		150.0	
		Z	0.53	67.19	15.61		150.0	
10517-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	X	0.81	64.28	14.78	0.00	150.0	± 9.6 %
		Y	0.82	64.48	14.91		150.0	
		Z	0.81	64.21	14.72		150.0	
10518-AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	X	4.50	66.67	16.13	0.00	150.0	± 9.6 %
		Y	4.56	66.63	16.14		150.0	
		Z	4.53	66.65	16.11		150.0	
10519-AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	X	4.67	66.89	16.24	0.00	150.0	± 9.6 %
		Y	4.75	66.87	16.26		150.0	
		Z	4.71	66.88	16.23		150.0	
10520-AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	X	4.52	66.84	16.16	0.00	150.0	± 9.6 %
		Y	4.60	66.83	16.18		150.0	
		Z	4.56	66.83	16.15		150.0	
10521-AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	X	4.46	66.82	16.14	0.00	150.0	± 9.6 %
		Y	4.53	66.83	16.17		150.0	
		Z	4.50	66.82	16.13		150.0	
10522-AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	X	4.52	66.94	16.24	0.00	150.0	± 9.6 %
		Y	4.59	66.90	16.25		150.0	
		Z	4.56	66.92	16.22		150.0	

Product Service

10523-AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	X	4.41	66.82	16.10	0.00	150.0	± 9.6 %
		Y	4.47	66.77	16.09		150.0	
		Z	4.44	66.79	16.07		150.0	
10524-AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	X	4.46	66.85	16.20	0.00	150.0	± 9.6 %
		Y	4.53	66.82	16.21		150.0	
		Z	4.50	66.83	16.19		150.0	
10525-AAA	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	X	4.46	65.92	15.81	0.00	150.0	± 9.6 %
		Y	4.51	65.87	15.81		150.0	
		Z	4.49	65.89	15.79		150.0	
10526-AAA	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)	X	4.61	66.26	15.94	0.00	150.0	± 9.6 %
		Y	4.69	66.24	15.95		150.0	
		Z	4.65	66.25	15.92		150.0	
10527-AAA	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	X	4.54	66.22	15.88	0.00	150.0	± 9.6 %
		Y	4.61	66.20	15.89		150.0	
		Z	4.57	66.21	15.87		150.0	
10528-AAA	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)	X	4.55	66.23	15.91	0.00	150.0	± 9.6 %
		Y	4.62	66.22	15.92		150.0	
		Z	4.59	66.22	15.90		150.0	
10529-AAA	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)	X	4.55	66.23	15.91	0.00	150.0	± 9.6 %
		Y	4.62	66.22	15.92		150.0	
		Z	4.59	66.22	15.90		150.0	
10531-AAA	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)	X	4.54	66.31	15.91	0.00	150.0	± 9.6 %
		Y	4.62	66.33	15.94		150.0	
		Z	4.58	66.32	15.90		150.0	
10532-AAA	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)	X	4.40	66.17	15.85	0.00	150.0	± 9.6 %
		Y	4.48	66.18	15.87		150.0	
		Z	4.44	66.17	15.84		150.0	
10533-AAA	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)	X	4.56	66.29	15.91	0.00	150.0	± 9.6 %
		Y	4.63	66.26	15.91		150.0	
		Z	4.60	66.27	15.89		150.0	
10534-AAA	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	X	5.10	66.34	15.99	0.00	150.0	± 9.6 %
		Y	5.15	66.35	15.99		150.0	
		Z	5.13	66.34	15.97		150.0	
10535-AAA	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	X	5.16	66.51	16.07	0.00	150.0	± 9.6 %
		Y	5.22	66.51	16.06		150.0	
		Z	5.19	66.51	16.04		150.0	
10536-AAA	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	X	5.03	66.46	16.02	0.00	150.0	± 9.6 %
		Y	5.09	66.47	16.02		150.0	
		Z	5.06	66.46	16.00		150.0	
10537-AAA	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	X	5.09	66.43	16.01	0.00	150.0	± 9.6 %
		Y	5.15	66.44	16.01		150.0	
		Z	5.12	66.43	15.99		150.0	
10538-AAA	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	X	5.17	66.44	16.05	0.00	150.0	± 9.6 %
		Y	5.24	66.47	16.07		150.0	
		Z	5.21	66.45	16.04		150.0	
10540-AAA	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)	X	5.10	66.43	16.07	0.00	150.0	± 9.6 %
		Y	5.17	66.48	16.08		150.0	
		Z	5.14	66.46	16.06		150.0	

Product Service

10541-AAA	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)	X	5.08	66.33	16.00	0.00	150.0	± 9.6 %
		Y	5.14	66.35	16.01		150.0	
		Z	5.11	66.34	15.99		150.0	
10542-AAA	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	X	5.24	66.41	16.06	0.00	150.0	± 9.6 %
		Y	5.30	66.42	16.06		150.0	
		Z	5.27	66.42	16.04		150.0	
10543-AAA	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)	X	5.31	66.43	16.09	0.00	150.0	± 9.6 %
		Y	5.38	66.46	16.10		150.0	
		Z	5.34	66.45	16.08		150.0	
10544-AAA	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	X	5.42	66.46	15.99	0.00	150.0	± 9.6 %
		Y	5.46	66.47	15.99		150.0	
		Z	5.44	66.47	15.97		150.0	
10545-AAA	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)	X	5.60	66.86	16.14	0.00	150.0	± 9.6 %
		Y	5.65	66.87	16.14		150.0	
		Z	5.62	66.86	16.11		150.0	
10546-AAA	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)	X	5.47	66.63	16.04	0.00	150.0	± 9.6 %
		Y	5.53	66.69	16.07		150.0	
		Z	5.50	66.67	16.03		150.0	
10547-AAA	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)	X	5.54	66.68	16.06	0.00	150.0	± 9.6 %
		Y	5.60	66.73	16.07		150.0	
		Z	5.57	66.71	16.05		150.0	
10548-AAA	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)	X	5.75	67.47	16.43	0.00	150.0	± 9.6 %
		Y	5.84	67.61	16.49		150.0	
		Z	5.78	67.52	16.42		150.0	
10550-AAA	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)	X	5.50	66.68	16.08	0.00	150.0	± 9.6 %
		Y	5.55	66.69	16.07		150.0	
		Z	5.53	66.68	16.05		150.0	
10551-AAA	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)	X	5.50	66.70	16.05	0.00	150.0	± 9.6 %
		Y	5.56	66.74	16.06		150.0	
		Z	5.53	66.73	16.04		150.0	
10552-AAA	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	X	5.43	66.53	15.97	0.00	150.0	± 9.6 %
		Y	5.47	66.54	15.97		150.0	
		Z	5.45	66.54	15.95		150.0	
10553-AAA	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)	X	5.50	66.55	16.01	0.00	150.0	± 9.6 %
		Y	5.56	66.59	16.02		150.0	
		Z	5.53	66.58	16.00		150.0	
10554-AAA	IEEE 1602.11ac WiFi (160MHz, MCS0, 99pc duty cycle)	X	5.83	66.82	16.08	0.00	150.0	± 9.6 %
		Y	5.86	66.84	16.08		150.0	
		Z	5.85	66.83	16.06		150.0	
10555-AAA	IEEE 1602.11ac WiFi (160MHz, MCS1, 99pc duty cycle)	X	5.95	67.09	16.20	0.00	150.0	± 9.6 %
		Y	5.99	67.13	16.20		150.0	
		Z	5.97	67.11	16.18		150.0	
10556-AAA	IEEE 1602.11ac WiFi (160MHz, MCS2, 99pc duty cycle)	X	5.97	67.15	16.22	0.00	150.0	± 9.6 %
		Y	6.01	67.18	16.22		150.0	
		Z	5.99	67.16	16.20		150.0	
10557-AAA	IEEE 1602.11ac WiFi (160MHz, MCS3, 99pc duty cycle)	X	5.93	67.04	16.18	0.00	150.0	± 9.6 %
		Y	5.98	67.10	16.20		150.0	
		Z	5.95	67.07	16.17		150.0	

Product Service

10558-AAA	IEEE 1602.11ac WiFi (160MHz, MCS4, 99pc duty cycle)	X	5.98	67.19	16.27	0.00	150.0	± 9.6 %
		Y	6.03	67.25	16.30		150.0	
		Z	6.00	67.22	16.26		150.0	
10560-AAA	IEEE 1602.11ac WiFi (160MHz, MCS6, 99pc duty cycle)	X	5.97	67.05	16.24	0.00	150.0	± 9.6 %
		Y	6.03	67.11	16.26		150.0	
		Z	6.00	67.09	16.23		150.0	
10561-AAA	IEEE 1602.11ac WiFi (160MHz, MCS7, 99pc duty cycle)	X	5.90	67.03	16.26	0.00	150.0	± 9.6 %
		Y	5.95	67.07	16.28		150.0	
		Z	5.92	67.05	16.25		150.0	
10562-AAA	IEEE 1602.11ac WiFi (160MHz, MCS8, 99pc duty cycle)	X	6.00	67.34	16.42	0.00	150.0	± 9.6 %
		Y	6.07	67.46	16.47		150.0	
		Z	6.03	67.39	16.42		150.0	
10563-AAA	IEEE 1602.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	X	6.12	67.33	16.37	0.00	150.0	± 9.6 %
		Y	6.33	67.84	16.62		150.0	
		Z	6.22	67.58	16.47		150.0	
10564-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	X	4.82	66.72	16.26	0.46	150.0	± 9.6 %
		Y	4.88	66.71	16.29		150.0	
		Z	4.85	66.70	16.25		150.0	
10565-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	X	5.04	67.16	16.59	0.46	150.0	± 9.6 %
		Y	5.12	67.16	16.62		150.0	
		Z	5.08	67.16	16.58		150.0	
10566-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	X	4.87	66.99	16.39	0.46	150.0	± 9.6 %
		Y	4.95	67.00	16.43		150.0	
		Z	4.91	66.99	16.38		150.0	
10567-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	X	4.91	67.40	16.77	0.46	150.0	± 9.6 %
		Y	4.98	67.39	16.78		150.0	
		Z	4.95	67.42	16.77		150.0	
10568-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	X	4.78	66.73	16.14	0.46	150.0	± 9.6 %
		Y	4.86	66.77	16.20		150.0	
		Z	4.82	66.72	16.12		150.0	
10569-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	X	4.87	67.52	16.84	0.46	150.0	± 9.6 %
		Y	4.92	67.45	16.82		150.0	
		Z	4.90	67.50	16.82		150.0	
10570-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	X	4.90	67.36	16.78	0.46	150.0	± 9.6 %
		Y	4.97	67.31	16.76		150.0	
		Z	4.94	67.35	16.75		150.0	
10571-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	X	1.15	63.68	14.91	0.46	130.0	± 9.6 %
		Y	1.16	63.96	15.15		130.0	
		Z	1.16	63.74	14.90		130.0	
10572-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	X	1.16	64.17	15.22	0.46	130.0	± 9.6 %
		Y	1.18	64.46	15.46		130.0	
		Z	1.17	64.22	15.21		130.0	
10573-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	X	1.12	74.63	18.77	0.46	130.0	± 9.6 %
		Y	1.36	77.97	20.13		130.0	
		Z	1.14	74.59	18.64		130.0	
10574-AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	X	1.20	68.65	17.56	0.46	130.0	± 9.6 %
		Y	1.24	69.24	17.90		130.0	
		Z	1.22	68.76	17.56		130.0	

Product Service

10575-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	X	4.59	66.43	16.23	0.46	130.0	± 9.6 %
		Y	4.66	66.45	16.30		130.0	
		Z	4.63	66.42	16.22		130.0	
10576-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	X	4.62	66.61	16.31	0.46	130.0	± 9.6 %
		Y	4.68	66.61	16.36		130.0	
		Z	4.65	66.59	16.29		130.0	
10577-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	X	4.81	66.89	16.48	0.46	130.0	± 9.6 %
		Y	4.89	66.92	16.54		130.0	
		Z	4.85	66.89	16.47		130.0	
10578-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	X	4.71	67.05	16.59	0.46	130.0	± 9.6 %
		Y	4.79	67.06	16.63		130.0	
		Z	4.75	67.05	16.58		130.0	
10579-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	X	4.46	66.25	15.84	0.46	130.0	± 9.6 %
		Y	4.55	66.36	15.95		130.0	
		Z	4.50	66.26	15.83		130.0	
10580-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	X	4.51	66.30	15.86	0.46	130.0	± 9.6 %
		Y	4.60	66.39	15.97		130.0	
		Z	4.55	66.30	15.85		130.0	
10581-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	X	4.60	67.07	16.52	0.46	130.0	± 9.6 %
		Y	4.68	67.08	16.55		130.0	
		Z	4.64	67.07	16.50		130.0	
10582-AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	X	4.40	66.00	15.61	0.46	130.0	± 9.6 %
		Y	4.50	66.13	15.74		130.0	
		Z	4.45	66.01	15.61		130.0	
10583-AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	X	4.59	66.43	16.23	0.46	130.0	± 9.6 %
		Y	4.66	66.45	16.30		130.0	
		Z	4.63	66.42	16.22		130.0	
10584-AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	X	4.62	66.61	16.31	0.46	130.0	± 9.6 %
		Y	4.68	66.61	16.36		130.0	
		Z	4.65	66.59	16.29		130.0	
10585-AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	X	4.81	66.89	16.48	0.46	130.0	± 9.6 %
		Y	4.89	66.92	16.54		130.0	
		Z	4.85	66.89	16.47		130.0	
10586-AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	X	4.71	67.05	16.59	0.46	130.0	± 9.6 %
		Y	4.79	67.06	16.63		130.0	
		Z	4.75	67.05	16.58		130.0	
10587-AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	X	4.46	66.25	15.84	0.46	130.0	± 9.6 %
		Y	4.55	66.36	15.95		130.0	
		Z	4.50	66.26	15.83		130.0	
10588-AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	X	4.51	66.30	15.86	0.46	130.0	± 9.6 %
		Y	4.60	66.39	15.97		130.0	
		Z	4.55	66.30	15.85		130.0	
10589-AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	X	4.60	67.07	16.52	0.46	130.0	± 9.6 %
		Y	4.68	67.08	16.55		130.0	
		Z	4.64	67.07	16.50		130.0	
10590-AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	X	4.40	66.00	15.61	0.46	130.0	± 9.6 %
		Y	4.50	66.13	15.74		130.0	
		Z	4.45	66.01	15.61		130.0	

Product Service

10591-AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	X	4.75	66.52	16.35	0.46	130.0	± 9.6 %
		Y	4.81	66.52	16.40		130.0	
		Z	4.78	66.51	16.34		130.0	
10592-AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)	X	4.89	66.84	16.48	0.46	130.0	± 9.6 %
		Y	4.97	66.86	16.53		130.0	
		Z	4.93	66.84	16.47		130.0	
10593-AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle)	X	4.81	66.73	16.35	0.46	130.0	± 9.6 %
		Y	4.89	66.77	16.41		130.0	
		Z	4.85	66.73	16.34		130.0	
10594-AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	X	4.86	66.91	16.51	0.46	130.0	± 9.6 %
		Y	4.94	66.93	16.56		130.0	
		Z	4.90	66.91	16.50		130.0	
10595-AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)	X	4.83	66.85	16.40	0.46	130.0	± 9.6 %
		Y	4.91	66.88	16.46		130.0	
		Z	4.87	66.85	16.39		130.0	
10596-AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle)	X	4.76	66.83	16.40	0.46	130.0	± 9.6 %
		Y	4.85	66.87	16.46		130.0	
		Z	4.80	66.83	16.38		130.0	
10597-AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)	X	4.71	66.72	16.27	0.46	130.0	± 9.6 %
		Y	4.79	66.78	16.35		130.0	
		Z	4.75	66.73	16.26		130.0	
10598-AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)	X	4.70	66.97	16.55	0.46	130.0	± 9.6 %
		Y	4.78	67.01	16.60		130.0	
		Z	4.74	66.98	16.54		130.0	
10599-AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)	X	5.41	67.02	16.56	0.46	130.0	± 9.6 %
		Y	5.48	67.08	16.61		130.0	
		Z	5.45	67.06	16.56		130.0	
10600-AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle)	X	5.53	67.40	16.73	0.46	130.0	± 9.6 %
		Y	5.61	67.47	16.78		130.0	
		Z	5.56	67.40	16.70		130.0	
10601-AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)	X	5.43	67.18	16.64	0.46	130.0	± 9.6 %
		Y	5.50	67.24	16.68		130.0	
		Z	5.46	67.19	16.61		130.0	
10602-AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle)	X	5.54	67.27	16.59	0.46	130.0	± 9.6 %
		Y	5.59	67.24	16.60		130.0	
		Z	5.55	67.21	16.54		130.0	
10603-AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)	X	5.60	67.54	16.87	0.46	130.0	± 9.6 %
		Y	5.68	67.57	16.90		130.0	
		Z	5.63	67.52	16.83		130.0	
10604-AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle)	X	5.46	67.15	16.66	0.46	130.0	± 9.6 %
		Y	5.48	67.04	16.62		130.0	
		Z	5.46	67.05	16.58		130.0	
10605-AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)	X	5.53	67.33	16.74	0.46	130.0	± 9.6 %
		Y	5.59	67.35	16.77		130.0	
		Z	5.55	67.31	16.70		130.0	
10606-AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)	X	5.26	66.63	16.24	0.46	130.0	± 9.6 %
		Y	5.35	66.76	16.34		130.0	
		Z	5.30	66.67	16.24		130.0	

Product Service

10607-AAA	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)	X	4.58	65.82	15.97	0.46	130.0	± 9.6 %
		Y	4.64	65.82	16.01		130.0	
		Z	4.61	65.80	15.95		130.0	
10608-AAA	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)	X	4.75	66.20	16.13	0.46	130.0	± 9.6 %
		Y	4.83	66.22	16.18		130.0	
		Z	4.79	66.19	16.11		130.0	
10609-AAA	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	X	4.64	66.03	15.95	0.46	130.0	± 9.6 %
		Y	4.72	66.07	16.02		130.0	
		Z	4.68	66.02	15.94		130.0	
10610-AAA	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)	X	4.69	66.20	16.12	0.46	130.0	± 9.6 %
		Y	4.77	66.23	16.17		130.0	
		Z	4.73	66.19	16.11		130.0	
10611-AAA	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)	X	4.61	65.99	15.96	0.46	130.0	± 9.6 %
		Y	4.69	66.03	16.02		130.0	
		Z	4.64	65.99	15.95		130.0	
10612-AAA	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	X	4.61	66.12	16.00	0.46	130.0	± 9.6 %
		Y	4.70	66.18	16.06		130.0	
		Z	4.65	66.12	15.98		130.0	
10613-AAA	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)	X	4.61	65.99	15.87	0.46	130.0	± 9.6 %
		Y	4.70	66.08	15.96		130.0	
		Z	4.65	66.00	15.86		130.0	
10614-AAA	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle)	X	4.56	66.21	16.12	0.46	130.0	± 9.6 %
		Y	4.64	66.25	16.18		130.0	
		Z	4.60	66.21	16.11		130.0	
10615-AAA	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	X	4.60	65.81	15.72	0.46	130.0	± 9.6 %
		Y	4.69	65.87	15.81		130.0	
		Z	4.64	65.79	15.71		130.0	
10616-AAA	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	X	5.23	66.28	16.18	0.46	130.0	± 9.6 %
		Y	5.29	66.33	16.22		130.0	
		Z	5.26	66.29	16.17		130.0	
10617-AAA	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)	X	5.29	66.46	16.24	0.46	130.0	± 9.6 %
		Y	5.36	66.48	16.27		130.0	
		Z	5.32	66.45	16.21		130.0	
10618-AAA	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle)	X	5.18	66.47	16.26	0.46	130.0	± 9.6 %
		Y	5.24	66.50	16.29		130.0	
		Z	5.21	66.46	16.24		130.0	
10619-AAA	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	X	5.19	66.25	16.09	0.46	130.0	± 9.6 %
		Y	5.26	66.32	16.14		130.0	
		Z	5.22	66.26	16.07		130.0	
10620-AAA	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)	X	5.28	66.29	16.16	0.46	130.0	± 9.6 %
		Y	5.36	66.37	16.22		130.0	
		Z	5.31	66.31	16.14		130.0	
10621-AAA	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	X	5.29	66.47	16.37	0.46	130.0	± 9.6 %
		Y	5.35	66.48	16.39		130.0	
		Z	5.32	66.47	16.35		130.0	
10622-AAA	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	X	5.30	66.62	16.44	0.46	130.0	± 9.6 %
		Y	5.36	66.63	16.45		130.0	
		Z	5.33	66.61	16.41		130.0	

Product Service

10623-AAA	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	X	5.18	66.12	16.05	0.46	130.0	± 9.6 %
		Y	5.24	66.18	16.11		130.0	
		Z	5.21	66.13	16.03		130.0	
10624-AAA	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)	X	5.37	66.33	16.23	0.46	130.0	± 9.6 %
		Y	5.43	66.38	16.27		130.0	
		Z	5.40	66.34	16.21		130.0	
10625-AAA	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	X	5.66	67.10	16.66	0.46	130.0	± 9.6 %
		Y	5.80	67.35	16.80		130.0	
		Z	5.73	67.22	16.70		130.0	
10626-AAA	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)	X	5.54	66.36	16.15	0.46	130.0	± 9.6 %
		Y	5.58	66.40	16.18		130.0	
		Z	5.56	66.37	16.13		130.0	
10627-AAA	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	X	5.76	66.90	16.39	0.46	130.0	± 9.6 %
		Y	5.82	66.93	16.41		130.0	
		Z	5.78	66.89	16.35		130.0	
10628-AAA	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)	X	5.55	66.39	16.06	0.46	130.0	± 9.6 %
		Y	5.62	66.51	16.13		130.0	
		Z	5.58	66.43	16.05		130.0	
10629-AAA	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)	X	5.63	66.46	16.09	0.46	130.0	± 9.6 %
		Y	5.71	66.59	16.17		130.0	
		Z	5.65	66.47	16.07		130.0	
10630-AAA	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	X	5.98	67.71	16.72	0.46	130.0	± 9.6 %
		Y	6.12	68.01	16.88		130.0	
		Z	6.03	67.80	16.73		130.0	
10631-AAA	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	X	5.93	67.68	16.90	0.46	130.0	± 9.6 %
		Y	6.03	67.84	16.98		130.0	
		Z	5.98	67.75	16.91		130.0	
10632-AAA	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)	X	5.74	67.01	16.58	0.46	130.0	± 9.6 %
		Y	5.79	67.00	16.58		130.0	
		Z	5.76	66.99	16.55		130.0	
10633-AAA	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)	X	5.62	66.59	16.20	0.46	130.0	± 9.6 %
		Y	5.68	66.67	16.24		130.0	
		Z	5.65	66.62	16.18		130.0	
10634-AAA	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	X	5.60	66.63	16.28	0.46	130.0	± 9.6 %
		Y	5.67	66.70	16.32		130.0	
		Z	5.64	66.66	16.27		130.0	
10635-AAA	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	X	5.47	65.91	15.63	0.46	130.0	± 9.6 %
		Y	5.56	66.05	15.73		130.0	
		Z	5.51	65.94	15.62		130.0	
10636-AAA	IEEE 1602.11ac WiFi (160MHz, MCS0, 90pc duty cycle)	X	5.95	66.72	16.24	0.46	130.0	± 9.6 %
		Y	5.99	66.78	16.28		130.0	
		Z	5.97	66.73	16.22		130.0	
10637-AAA	IEEE 1602.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	X	6.10	67.09	16.41	0.46	130.0	± 9.6 %
		Y	6.14	67.14	16.44		130.0	
		Z	6.11	67.09	16.38		130.0	
10638-AAA	IEEE 1602.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	X	6.10	67.06	16.37	0.46	130.0	± 9.6 %
		Y	6.15	67.12	16.41		130.0	
		Z	6.12	67.07	16.35		130.0	

Product Service

10639-AAA	IEEE 1602.11ac WiFi (160MHz, MCS3, 90pc duty cycle)	X	6.07	67.01	16.39	0.46	130.0	± 9.6 %
		Y	6.13	67.09	16.44		130.0	
		Z	6.10	67.03	16.38		130.0	
10640-AAA	IEEE 1602.11ac WiFi (160MHz, MCS4, 90pc duty cycle)	X	6.07	66.99	16.32	0.46	130.0	± 9.6 %
		Y	6.14	67.11	16.39		130.0	
		Z	6.09	67.02	16.31		130.0	
10641-AAA	IEEE 1602.11ac WiFi (160MHz, MCS5, 90pc duty cycle)	X	6.13	66.94	16.31	0.46	130.0	± 9.6 %
		Y	6.17	66.99	16.35		130.0	
		Z	6.14	66.93	16.28		130.0	
10642-AAA	IEEE 1602.11ac WiFi (160MHz, MCS6, 90pc duty cycle)	X	6.17	67.20	16.62	0.46	130.0	± 9.6 %
		Y	6.22	67.26	16.65		130.0	
		Z	6.19	67.22	16.61		130.0	
10643-AAA	IEEE 1602.11ac WiFi (160MHz, MCS7, 90pc duty cycle)	X	6.00	66.86	16.34	0.46	130.0	± 9.6 %
		Y	6.05	66.94	16.39		130.0	
		Z	6.02	66.87	16.31		130.0	
10644-AAA	IEEE 1602.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	X	6.13	67.25	16.56	0.46	130.0	± 9.6 %
		Y	6.22	67.46	16.67		130.0	
		Z	6.17	67.33	16.57		130.0	
10645-AAA	IEEE 1602.11ac WiFi (160MHz, MCS9, 90pc duty cycle)	X	6.30	67.39	16.59	0.46	130.0	± 9.6 %
		Y	6.61	68.18	16.99		130.0	
		Z	6.44	67.75	16.73		130.0	
10646-AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	X	11.76	96.35	31.88	9.30	60.0	± 9.6 %
		Y	19.05	107.46	35.85		60.0	
		Z	11.88	94.80	30.95		60.0	
10647-AAB	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	X	10.62	94.79	31.49	9.30	60.0	± 9.6 %
		Y	16.98	105.61	35.43		60.0	
		Z	10.96	93.72	30.71		60.0	
10648-AAA	CDMA2000 (1x Advanced)	X	0.66	63.03	10.35	0.00	150.0	± 9.6 %
		Y	0.70	63.32	10.86		150.0	
		Z	0.69	63.19	10.65		150.0	

[E] Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Product Service

ANNEX B

DIPOLE CALIBRATION REPORTS

Product Service

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client TüV SÜD UK

Certificate No: D5GHzV2-1100_Dec16

CALIBRATION CERTIFICATE

Object	D5GHzV2 - SN:1100
Calibration procedure(s)	QA CAL-22.v2 Calibration procedure for dipole validation kits between 3-6 GHz
Calibration date:	December 13, 2016

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	06-Apr-16 (No. 217-02288/02289)	Apr-17
Power sensor NRP-Z91	SN: 103244	06-Apr-16 (No. 217-02288)	Apr-17
Power sensor NRP-Z91	SN: 103245	06-Apr-16 (No. 217-02289)	Apr-17
Reference 20 dB Attenuator	SN: 5058 (20k)	05-Apr-16 (No. 217-02292)	Apr-17
Type-N mismatch combination	SN: 5047.2 / 06327	05-Apr-16 (No. 217-02295)	Apr-17
Reference Probe EX3DV4	SN: 3503	30-Jun-16 (No. EX3-3503_Jun16)	Jun-17
DAE4	SN: 601	30-Dec-15 (No. DAE4-601_Dec15)	Dec-16

Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter EPM-442A	SN: GB37480704	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
Power sensor HP 8481A	SN: MY41092317	07-Oct-15 (in house check Oct-16)	In house check: Oct-18
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-16)	In house check: Oct-18
Network Analyzer HP 8753E	SN: US37390585	18-Oct-01 (in house check Oct-16)	In house check: Oct-17

	Name	Function	Signature
Calibrated by:	Michael Weber	Laboratory Technician	
Approved by:	Katja Pokovic	Technical Manager	

Issued: December 15, 2016

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Product Service

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY5	V52.8.8
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom V5.0	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4.0 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	5200 MHz ± 1 MHz 5300 MHz ± 1 MHz 5500 MHz ± 1 MHz 5600 MHz ± 1 MHz 5800 MHz ± 1 MHz	

Head TSL parameters at 5200 MHz

The following parameters and calculations were applied.

	Temperature	**Permittivity**	**Conductivity**
Nominal Head TSL parameters	22.0 °C	36.0	4.66 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	34.8 ± 6 %	4.53 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	----	----

SAR result with Head TSL at 5200 MHz

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.64 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**75.8 W/kg ± 19.9 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.20 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**21.8 W/kg ± 19.5 % (k=2)**

Product Service

Head TSL parameters at 5300 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.9	4.76 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	34.6 ± 6 %	4.63 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	----	----

SAR result with Head TSL at 5300 MHz

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.17 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**81.0 W / kg ± 19.9 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.36 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**23.3 W/kg ± 19.5 % (k=2)**

Head TSL parameters at 5500 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.6	4.96 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	34.4 ± 6 %	4.82 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	----	----

SAR result with Head TSL at 5500 MHz

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.02 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**79.5 W/kg ± 19.9 % (k=2)**

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.29 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	**22.7 W/kg ± 19.5 % (k=2)**