

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 574 of 620

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	15.27	16.00
		40	5200		15.59	16.00
		44	5220		15.77	16.00
		48	5240		15.66	16.00
	U-NII-2A	52	5260		13.53	15.00
		56	5280		13.43	15.00
		60	5300		13.15	15.00
		64	5320		13.13	15.00
	U-NII-2C	100	5500		13.20	15.00
		104	5520		13.24	15.00
		108	5540		13.36	15.00
		112	5560		13.06	15.00
		116	5580		13.01	15.00
		120	5600		13.09	15.00
		124	5620		13.20	15.00
		128	5640		13.32	15.00
		132	5660		13.44	15.00
		136	5680		13.44	15.00
		140	5700		13.65	15.00
		144	5720		13.64	15.00
	U-NII-3	149	5745		13.63	15.00
		153	5765		13.72	15.00
		157	5785		13.53	15.00
		161	5805		13.54	15.00
		165	5825		13.52	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 40M	U-NII-1	38	5190	MCS0	11.34	12.00
		46	5230		13.69	14.00
	U-NII-2A	54	5270		13.38	14.00
		62	5310		12.02	13.00
	U-NII-2C	102	5510		11.88	13.00
		110	5550		12.77	14.00
		118	5590		12.89	14.00
		126	5630		13.20	14.00
		134	5670		13.42	14.00
		142	5710		13.36	14.00
		151	5755		13.52	14.00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 575 of 620

		159	5795		13.39	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	11.52	12.00
	U-NII-2A	58	5290		11.45	12.50
	U-NII-2C	106	5530		10.67	12.00
		122	5610		13.87	15.00
		138	5690		14.35	15.00
	U-NII-3	155	5775		14.32	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	11.09	11.50
	U-NII-2C	114	5570		10.26	11.00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 576 of 620

WIFI 5G MIMO Set2/3								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	14.42	15.39	17.94	19.00
		40	5200		14.52	15.36	17.97	19.00
		44	5220		14.54	15.35	17.97	19.00
		48	5240		14.40	15.51	18.00	19.00
	U-NII-2A	52	5260		14.44	15.31	17.91	19.00
		56	5280		14.40	15.40	17.94	19.00
		60	5300		14.27	15.33	17.84	19.00
		64	5320		14.31	15.23	17.80	19.00
	U-NII-2C	100	5500		14.04	14.99	17.55	19.00
		104	5520		13.98	15.05	17.56	19.00
		108	5540		14.02	15.14	17.63	19.00
		112	5560		14.18	15.10	17.67	19.00
		116	5580		14.24	15.21	17.76	19.00
		120	5600		14.26	15.21	17.77	19.00
		124	5620		14.28	15.34	17.85	19.00
		128	5640		14.57	15.31	17.97	19.00
		132	5660		14.63	15.27	17.97	19.00
		136	5680		14.54	15.33	17.96	19.00
		140	5700		14.41	15.45	17.97	19.00
		144	5720		14.34	15.54	17.99	19.00
	U-NII-3	149	5745		14.45	15.49	18.01	19.00
		153	5765		14.48	15.45	18.00	19.00
		157	5785		14.46	15.37	17.95	19.00
		161	5805		14.74	14.46	17.61	19.00
		165	5825		14.53	15.37	17.98	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	14.28	15.12	17.73	18.50
		40	5200		14.28	15.43	17.90	18.50
		44	5220		14.38	15.45	17.96	18.50
		48	5240		14.46	15.50	18.02	18.50
	U-NII-2A	52	5260		14.32	15.32	17.86	18.50
		56	5280		14.45	15.28	17.90	18.50
		60	5300		14.33	14.96	17.67	18.50
		64	5320		14.31	14.95	17.65	18.50
	U-NII-2C	100	5500		14.01	15.10	17.60	18.50
		104	5520		13.83	15.31	17.64	18.50



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 egs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 577 of 620

		108	5540		14.01	14.80	17.43	18.50
		112	5560		13.85	14.82	17.37	18.50
		116	5580		13.52	14.83	17.23	18.50
		120	5600		13.68	14.89	17.34	18.50
		124	5620		13.74	14.86	17.35	18.50
		128	5640		13.86	14.41	17.15	18.50
		132	5660		13.89	14.18	17.05	18.50
		136	5680		14.06	14.23	17.16	18.50
		140	5700		13.91	14.35	17.15	18.50
		144	5720		13.93	14.42	17.19	18.50
	U-NII-3	149	5745		13.87	14.45	17.18	18.50
		153	5765		13.90	14.48	17.21	18.50
		157	5785		13.85	14.34	17.11	18.50
		161	5805		13.94	14.28	17.12	18.50
		165	5825		14.06	14.36	17.22	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	12.47	12.00	15.25	16.00
		46	5230		14.63	13.92	17.30	18.00
	U-NII-2A	54	5270		14.76	13.69	17.27	18.00
		62	5310		13.45	12.41	15.97	17.00
	U-NII-2C	102	5510		13.36	12.28	15.86	17.00
		110	5550		14.33	13.22	16.82	18.00
		118	5590		14.16	13.34	16.78	18.00
		126	5630		14.06	13.50	16.80	18.00
		134	5670		14.29	13.72	17.02	18.00
		142	5710		14.36	13.81	17.10	18.00
	U-NII-3	151	5755		14.32	13.79	17.07	18.00
		159	5795		14.44	13.77	17.13	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	14.14	13.23	16.72	18.00
		40	5200		14.18	13.37	16.80	18.00
		44	5220		14.30	13.50	16.93	18.00
		48	5240		14.44	13.51	17.01	18.00
	U-NII-2A	52	5260		14.41	13.37	16.93	18.00
		56	5280		14.36	13.43	16.93	18.00
		60	5300		14.52	13.96	17.26	18.00
		64	5320		14.26	13.89	17.09	18.00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 egs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 578 of 620

		100	5500		13.98	13.72	16.86	18.00
		104	5520		13.83	13.76	16.81	18.00
		108	5540		13.86	13.63	16.76	18.00
		112	5560		13.80	13.83	16.83	18.00
		116	5580		13.68	13.91	16.81	18.00
		120	5600		13.61	13.91	16.77	18.00
		124	5620		13.66	13.96	16.82	18.00
		128	5640		13.84	13.05	16.47	18.00
		132	5660		13.82	13.18	16.52	18.00
		136	5680		13.96	13.21	16.61	18.00
		140	5700		14.05	13.39	16.74	18.00
		144	5720		13.85	13.56	16.72	18.00
	U-NII-2C	149	5745		13.87	13.51	16.70	18.00
		153	5765		13.98	13.41	16.71	18.00
		157	5785		13.92	13.34	16.65	18.00
		161	5805		13.78	13.22	16.52	18.00
		165	5825		14.07	13.43	16.77	18.00
	U-NII-3							
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	U-NII-1	38	5190		12.65	11.70	15.21	16.00
		46	5230		14.59	14.00	17.32	18.00
	U-NII-2A	54	5270		14.84	13.63	17.29	18.00
		62	5310		13.59	12.34	16.02	17.00
		102	5510		13.31	12.09	15.75	17.00
		110	5550		14.36	13.05	16.76	18.00
		118	5590		14.05	13.35	16.72	18.00
		126	5630		14.11	13.50	16.83	18.00
		134	5670		14.30	13.62	16.98	18.00
		142	5710		14.40	13.75	17.10	18.00
	U-NII-3	151	5755		14.32	13.85	17.10	18.00
		159	5795		14.39	13.81	17.12	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
	U-NII-1	42	5210		12.21	11.68	14.96	16.00
	U-NII-2A	58	5290		13.02	11.50	15.34	16.50
		106	5530		11.91	10.85	14.42	16.00
		122	5610		14.81	14.03	17.45	19.00
		138	5690		14.97	14.56	17.78	19.00
	U-NII-3	155	5775		15.05	14.37	17.73	19.00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 Shenzhen Branch Technical Services Co., Ltd. Laboratory. 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 egs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 579 of 620

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	12.34	11.00	14.73	15.50
	U-NII-2C	114	5570		11.25	10.24	13.78	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax- 20	U-NII-1	36	5180	MCS0	14.14	15.27	17.75	18.00
		40	5200		14.23	15.55	17.95	18.00
		44	5220		14.11	15.51	17.88	18.00
		48	5240		14.34	15.51	17.97	18.00
	U-NII-2A	52	5260		14.30	13.51	16.93	18.00
		56	5280		14.26	13.52	16.92	18.00
		60	5300		14.39	13.22	16.85	18.00
		64	5320		14.17	13.00	16.63	18.00
	U-NII-2C	100	5500		13.86	12.97	16.45	18.00
		104	5520		13.77	12.97	16.40	18.00
		108	5540		13.85	12.96	16.44	18.00
		112	5560		13.69	13.08	16.41	18.00
		116	5580		13.64	13.07	16.37	18.00
		120	5600		13.69	13.09	16.41	18.00
		124	5620		13.54	13.23	16.40	18.00
		128	5640		13.74	13.34	16.55	18.00
		132	5660		13.59	13.46	16.54	18.00
		136	5680		14.01	13.42	16.74	18.00
		140	5700		13.90	13.57	16.75	18.00
		144	5720		13.98	13.60	16.80	18.00
	U-NII-3	149	5745		13.76	13.71	16.75	18.00
		153	5765		13.90	13.71	16.82	18.00
		157	5785		13.73	13.53	16.64	18.00
		161	5805		14.01	13.59	16.82	18.00
		165	5825		14.32	13.61	16.99	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax- 40	U-NII-1	38	5190	MCS0	12.09	11.32	14.73	16.00
		46	5230		14.05	13.68	16.88	18.00
	U-NII-2A	54	5270		14.02	13.30	16.69	18.00
		62	5310		13.27	12.07	15.72	17.00
	U-NII-2C	102	5510		12.82	11.80	15.35	17.00
		110	5550		13.70	12.91	16.33	18.00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 580 of 620

		118	5590		13.50	12.97	16.25	18.00
		126	5630		13.64	13.27	16.47	18.00
		134	5670		13.79	13.51	16.66	18.00
		142	5710		13.73	13.35	16.55	18.00
	U-NII-3	151	5755		13.79	13.60	16.71	18.00
		159	5795		13.73	13.34	16.55	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	12.19	11.64	14.93	16.00
	U-NII-2A	58	5290		12.84	11.38	15.18	16.50
	U-NII-2C	106	5530		11.92	10.73	14.38	16.00
		122	5610		14.67	13.90	17.31	19.00
		138	5690		14.60	14.32	17.47	19.00
	U-NII-3	155	5775		14.77	14.27	17.54	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	12.28	11.09	14.74	15.50
	U-NII-2C	114	5570		11.29	10.24	13.81	15.00



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 581 of 620

WIFI 5G Ant 9 Set5						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	13.92	14.50
		40	5200		14.08	14.50
		44	5220		14.36	14.50
		48	5240		14.14	14.50
	U-NII-2A	52	5260		14.05	14.50
		56	5280		14.12	14.50
		60	5300		13.81	14.50
		64	5320		13.86	14.50
	U-NII-2C	100	5500		13.45	14.50
		104	5520		13.59	14.50
		108	5540		13.63	14.50
		112	5560		13.69	14.50
		116	5580		13.75	14.50
		120	5600		13.77	14.50
		124	5620		13.82	14.50
		128	5640		14.10	14.50
		132	5660		14.23	14.50
		136	5680		14.22	14.50
		140	5700		14.37	14.50
		144	5720		14.19	14.50
	U-NII-3	149	5745		14.20	14.50
		153	5765		14.33	14.50
		157	5785		14.19	14.50
		161	5805		14.18	14.50
		165	5825		14.11	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	13.75	14.50
		40	5200		13.82	14.50
		44	5220		13.86	14.50
		48	5240		13.90	14.50
	U-NII-2A	52	5260		13.82	14.50
		56	5280		13.91	14.50
		60	5300		13.95	14.50
		64	5320		13.70	14.50
	U-NII-2C	100	5500		13.39	14.50
		104	5520		13.35	14.50
		108	5540		13.46	14.50



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 582 of 620

		112	5560		13.30	14.50
		116	5580		13.15	14.50
		120	5600		13.16	14.50
		124	5620		13.13	14.50
		128	5640		13.32	14.50
		132	5660		13.30	14.50
		136	5680		13.47	14.50
		140	5700		13.46	14.50
		144	5720		13.43	14.50
		149	5745		13.30	14.50
		153	5765		13.45	14.50
		157	5785		13.42	14.50
		161	5805		13.39	14.50
		165	5825		13.61	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	12.05	12.50
		46	5230		14.18	14.50
	U-NII-2A	54	5270		14.19	14.50
		62	5310		13.06	13.50
	U-NII-2C	102	5510		12.79	13.50
		110	5550		13.77	14.50
		118	5590		13.63	14.50
		126	5630		13.61	14.50
		134	5670		13.82	14.50
		142	5710		13.89	14.50
	U-NII-3	151	5755		13.79	14.50
		159	5795		13.81	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	13.75	14.50
		40	5200		13.76	14.50
		44	5220		13.74	14.50
		48	5240		13.94	14.50
	U-NII-2A	52	5260		13.82	14.50
		56	5280		13.97	14.50
		60	5300		13.97	14.50
		64	5320		13.82	14.50
	U-NII-2C	100	5500		13.51	14.50
		104	5520		13.28	14.50



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 583 of 620

		108	5540		13.31	14.50
		112	5560		13.35	14.50
		116	5580		13.13	14.50
		120	5600		13.15	14.50
		124	5620		13.19	14.50
		128	5640		13.35	14.50
		132	5660		13.29	14.50
		136	5680		13.53	14.50
		140	5700		13.58	14.50
		144	5720		13.33	14.50
	U-NII-3	149	5745		13.28	14.50
		153	5765		13.43	14.50
		157	5785		13.41	14.50
		161	5805		13.42	14.50
		165	5825		13.55	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	12.16	12.50
		46	5230		14.10	14.50
	U-NII-2A	54	5270		14.28	14.50
		62	5310		13.16	13.50
	U-NII-2C	102	5510		12.86	13.50
		110	5550		13.89	14.50
		118	5590		13.54	14.50
		126	5630		13.65	14.50
		134	5670		13.62	14.50
		142	5710		13.89	14.50
	U-NII-3	151	5755		13.82	14.50
		159	5795		13.95	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	11.86	12.50
	U-NII-2A	58	5290		12.46	13.00
	U-NII-2C	106	5530		11.38	12.50
		122	5610		14.36	15.50
		138	5690		14.46	15.50
	U-NII-3	155	5775		14.53	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	11.79	12.00
	U-NII-2C	114	5570		10.69	11.50



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 584 of 620

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	13.74	14.50
		40	5200		13.70	14.50
		44	5220		13.68	14.50
		48	5240		13.83	14.50
	U-NII-2A	52	5260		13.77	14.50
		56	5280		13.93	14.50
		60	5300		13.79	14.50
		64	5320		13.70	14.50
	U-NII-2C	100	5500		13.40	14.50
		104	5520		13.34	14.50
		108	5540		13.27	14.50
		112	5560		13.34	14.50
		116	5580		13.03	14.50
		120	5600		13.18	14.50
		124	5620		13.00	14.50
		128	5640		13.13	14.50
		132	5660		13.20	14.50
		136	5680		13.34	14.50
		140	5700		13.38	14.50
		144	5720		13.49	14.50
	U-NII-3	149	5745		13.28	14.50
		153	5765		13.36	14.50
		157	5785		13.31	14.50
		161	5805		13.53	14.50
		165	5825		13.70	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 40M	U-NII-1	38	5190	MCS0	11.49	12.50
		46	5230		13.55	14.50
	U-NII-2A	54	5270		13.65	14.50
		62	5310		12.69	13.50
	U-NII-2C	102	5510		12.27	13.50
		110	5550		13.23	14.50
		118	5590		13.02	14.50
		126	5630		13.16	14.50
		134	5670		13.15	14.50
		142	5710		13.23	14.50
	U-NII-3	151	5755		13.18	14.50



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 585 of 620

		159	5795		13.26	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	11.65	12.50
	U-NII-2A	58	5290		12.34	13.00
	U-NII-2C	106	5530		11.42	12.50
		122	5610		14.01	15.50
		138	5690		14.22	15.50
	U-NII-3	155	5775		14.29	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	11.86	12.00
	U-NII-2C	114	5570		10.74	11.50



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 586 of 620

WIFI 5G Ant 10 Set5						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	14.85	15.50
		40	5200		15.17	15.50
		44	5220		15.45	15.50
		48	5240		15.16	15.50
	U-NII-2A	52	5260		15.10	15.50
		56	5280		15.13	15.50
		60	5300		14.85	15.50
		64	5320		14.75	15.50
	U-NII-2C	100	5500		14.62	15.50
		104	5520		14.56	15.50
		108	5540		14.67	15.50
		112	5560		14.65	15.50
		116	5580		14.56	15.50
		120	5600		14.75	15.50
		124	5620		14.81	15.50
		128	5640		15.04	15.50
		132	5660		15.01	15.50
		136	5680		15.20	15.50
		140	5700		15.20	15.50
		144	5720		15.30	15.50
	U-NII-3	149	5745		15.30	15.50
		153	5765		15.35	15.50
		157	5785		15.18	15.50
		161	5805		15.21	15.50
		165	5825		15.17	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	14.63	15.50
		40	5200		14.84	15.50
		44	5220		15.03	15.50
		48	5240		14.96	15.50
	U-NII-2A	52	5260		14.76	15.50
		56	5280		14.75	15.50
		60	5300		14.44	15.50
		64	5320		14.41	15.50
	U-NII-2C	100	5500		14.64	15.50
		104	5520		14.68	15.50
		108	5540		14.26	15.50



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 egs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 587 of 620

		112	5560		14.33	15.50
		116	5580		14.37	15.50
		120	5600		14.45	15.50
		124	5620		14.46	15.50
		128	5640		13.87	15.50
		132	5660		13.74	15.50
		136	5680		13.78	15.50
		140	5700		13.88	15.50
		144	5720		13.98	15.50
		149	5745		13.90	15.50
		153	5765		13.98	15.50
		157	5785		13.81	15.50
		161	5805		13.81	15.50
		165	5825		13.82	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.44	12.50
		46	5230		13.38	14.50
	U-NII-2A	54	5270		13.18	14.50
		62	5310		11.85	13.50
	U-NII-2C	102	5510		11.78	13.50
		110	5550		12.67	14.50
		118	5590		12.75	14.50
		126	5630		13.07	14.50
		134	5670		13.15	14.50
		142	5710		13.23	14.50
	U-NII-3	151	5755		13.34	14.50
		159	5795		13.20	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	12.57	14.50
		40	5200		12.88	14.50
		44	5220		13.04	14.50
		48	5240		12.99	14.50
	U-NII-2A	52	5260		12.80	14.50
		56	5280		12.93	14.50
		60	5300		13.51	14.50
		64	5320		13.35	14.50
	U-NII-2C	100	5500		13.17	14.50
		104	5520		13.26	14.50



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 588 of 620

		108	5540		13.23	14.50
		112	5560		13.43	14.50
		116	5580		13.31	14.50
		120	5600		13.37	14.50
		124	5620		13.39	14.50
		128	5640		12.74	14.50
		132	5660		12.73	14.50
		136	5680		12.66	14.50
		140	5700		12.89	14.50
		144	5720		13.05	14.50
	U-NII-3	149	5745		13.03	14.50
		153	5765		12.90	14.50
		157	5785		12.85	14.50
		161	5805		12.83	14.50
		165	5825		12.83	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	11.25	12.50
		46	5230		13.41	14.50
	U-NII-2A	54	5270		13.09	14.50
		62	5310		11.79	13.50
	U-NII-2C	102	5510		11.63	13.50
		110	5550		12.56	14.50
		118	5590		12.86	14.50
		126	5630		13.04	14.50
		134	5670		13.12	14.50
		142	5710		13.21	14.50
	U-NII-3	151	5755		13.37	14.50
		159	5795		13.28	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	11.21	11.50
	U-NII-2A	58	5290		11.03	12.00
	U-NII-2C	106	5530		10.35	11.50
		122	5610		13.57	14.50
		138	5690		13.96	14.50
	U-NII-3	155	5775		13.86	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	10.57	11.00
	U-NII-2C	114	5570		9.67	10.50



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 589 of 620

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	14.73	15.50
		40	5200		15.08	15.50
		44	5220		15.31	15.50
		48	5240		15.19	15.50
	U-NII-2A	52	5260		13.08	14.50
		56	5280		12.93	14.50
		60	5300		12.67	14.50
		64	5320		12.66	14.50
	U-NII-2C	100	5500		12.75	14.50
		104	5520		12.73	14.50
		108	5540		12.83	14.50
		112	5560		12.61	14.50
		116	5580		12.51	14.50
		120	5600		12.62	14.50
		124	5620		12.70	14.50
		128	5640		12.83	14.50
		132	5660		12.92	14.50
		136	5680		12.92	14.50
		140	5700		13.11	14.50
		144	5720		13.17	14.50
	U-NII-3	149	5745		13.10	14.50
		153	5765		13.26	14.50
		157	5785		13.01	14.50
		161	5805		13.08	14.50
		165	5825		13.03	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 40M	U-NII-1	38	5190	MCS0	10.88	11.50
		46	5230		13.14	13.50
	U-NII-2A	54	5270		12.87	13.50
		62	5310		11.50	12.50
	U-NII-2C	102	5510		11.34	12.50
		110	5550		12.30	13.50
		118	5590		12.37	13.50
		126	5630		12.71	13.50
		134	5670		12.92	13.50
		142	5710		12.81	13.50
		151	5755		13.02	13.50



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 590 of 620

		159	5795		12.93	13.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	11.06	11.50
	U-NII-2A	58	5290		10.95	12.00
	U-NII-2C	106	5530		10.18	11.50
		122	5610		13.42	14.50
		138	5690		13.88	14.50
	U-NII-3	155	5775		13.83	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	10.63	11.00
	U-NII-2C	114	5570		9.71	10.50



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Test and Calibration Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 591 of 620

WIFI 5G MIMO Set5								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	13.89	14.92	17.45	18.50
		40	5200		14.06	14.84	17.48	18.50
		44	5220		14.03	14.84	17.46	18.50
		48	5240		13.90	15.06	17.53	18.50
	U-NII-2A	52	5260		13.98	14.81	17.43	18.50
		56	5280		13.85	14.91	17.42	18.50
		60	5300		13.73	14.81	17.31	18.50
		64	5320		13.79	14.68	17.27	18.50
	U-NII-2C	100	5500		13.54	14.50	17.06	18.50
		104	5520		13.45	14.53	17.03	18.50
		108	5540		13.54	14.67	17.15	18.50
		112	5560		13.72	14.61	17.20	18.50
		116	5580		13.73	14.72	17.26	18.50
		120	5600		13.77	14.71	17.28	18.50
		124	5620		13.82	14.88	17.39	18.50
		128	5640		14.08	14.80	17.47	18.50
		132	5660		14.14	14.72	17.45	18.50
		136	5680		14.03	14.79	17.44	18.50
		140	5700		13.93	14.94	17.47	18.50
		144	5720		13.86	15.07	17.52	18.50
	U-NII-3	149	5745		14.00	15.00	17.54	18.50
		153	5765		13.99	14.94	17.50	18.50
		157	5785		13.94	14.90	17.46	18.50
		161	5805		14.22	13.99	17.12	18.50
		165	5825		14.01	14.86	17.47	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	13.77	14.61	17.22	18.00
		40	5200		13.82	14.90	17.40	18.00
		44	5220		13.92	14.94	17.47	18.00
		48	5240		13.99	14.99	17.53	18.00
	U-NII-2A	52	5260		13.77	14.80	17.33	18.00
		56	5280		13.98	14.79	17.41	18.00
		60	5300		13.88	14.51	17.22	18.00
		64	5320		13.79	14.50	17.17	18.00
	U-NII-2C	100	5500		13.50	14.55	17.07	18.00
		104	5520		13.28	14.84	17.14	18.00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 592 of 620

		108	5540		13.51	14.32	16.94	18.00
		112	5560		13.34	14.36	16.89	18.00
		116	5580		13.05	14.29	16.72	18.00
		120	5600		13.15	14.44	16.85	18.00
		124	5620		13.24	14.36	16.85	18.00
		128	5640		13.36	13.91	16.65	18.00
		132	5660		13.44	13.68	16.57	18.00
		136	5680		13.53	13.68	16.62	18.00
		140	5700		13.40	13.86	16.65	18.00
		144	5720		13.40	13.93	16.68	18.00
	U-NII-3	149	5745		13.36	14.00	16.70	18.00
		153	5765		13.42	13.99	16.72	18.00
		157	5785		13.31	13.80	16.57	18.00
		161	5805		13.41	13.80	16.62	18.00
		165	5825		13.60	13.90	16.76	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.99	11.46	14.74	15.50
		46	5230		14.15	13.44	16.82	17.50
	U-NII-2A	54	5270		14.31	13.23	16.81	17.50
		62	5310		12.91	11.86	15.43	16.50
	U-NII-2C	102	5510		12.82	11.83	15.36	16.50
		110	5550		13.87	12.70	16.33	17.50
		118	5590		13.66	12.89	16.30	17.50
		126	5630		13.58	12.96	16.29	17.50
		134	5670		13.80	13.19	16.52	17.50
		142	5710		13.89	13.27	16.60	17.50
	U-NII-3	151	5755		13.84	13.30	16.59	17.50
		159	5795		13.92	13.31	16.64	17.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	13.60	12.71	16.19	17.50
		40	5200		13.69	12.87	16.31	17.50
		44	5220		13.82	13.05	16.46	17.50
		48	5240		13.93	13.05	16.52	17.50
	U-NII-2A	52	5260		13.93	12.84	16.43	17.50
		56	5280		13.88	12.97	16.46	17.50
		60	5300		14.04	13.41	16.75	17.50
		64	5320		13.73	13.37	16.56	17.50



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 egs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 593 of 620

		100	5500		13.44	13.25	16.36	17.50
		104	5520		13.30	13.27	16.30	17.50
		108	5540		13.31	13.14	16.24	17.50
		112	5560		13.26	13.38	16.33	17.50
		116	5580		13.19	13.38	16.30	17.50
		120	5600		13.13	13.43	16.29	17.50
		124	5620		13.16	13.47	16.33	17.50
		128	5640		13.29	12.51	15.93	17.50
		132	5660		13.32	12.72	16.04	17.50
		136	5680		13.51	12.66	16.12	17.50
		140	5700		13.60	12.84	16.25	17.50
		144	5720		13.40	13.10	16.26	17.50
		149	5745		13.38	13.04	16.22	17.50
		153	5765		13.51	12.87	16.21	17.50
		157	5785		13.37	12.84	16.12	17.50
		161	5805		13.31	12.67	16.01	17.50
		165	5825		13.54	12.92	16.25	17.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	12.12	11.20	14.69	15.50
		46	5230		14.10	13.52	16.83	17.50
	U-NII-2A	54	5270		14.29	13.17	16.78	17.50
		62	5310		13.14	11.82	15.54	16.50
	U-NII-2C	102	5510		12.83	11.54	15.24	16.50
		110	5550		13.85	12.60	16.28	17.50
		118	5590		13.51	12.84	16.20	17.50
		126	5630		13.62	12.99	16.33	17.50
		134	5670		13.77	13.14	16.48	17.50
		142	5710		13.93	13.26	16.62	17.50
	U-NII-3	151	5755		13.84	13.36	16.62	17.50
		159	5795		13.92	13.27	16.62	17.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	11.68	11.17	14.44	15.50
	U-NII-2A	58	5290		12.47	11.01	14.81	16.00
	U-NII-2C	106	5530		11.43	10.30	13.91	15.50
		122	5610		14.35	13.53	16.97	18.50
		138	5690		14.43	14.07	17.26	18.50
	U-NII-3	155	5775		14.58	13.84	17.24	18.50



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 egs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 594 of 620

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	11.89	10.51	14.26	15.00
	U-NII-2C	114	5570		10.80	9.73	13.31	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax-20	U-NII-1	36	5180	MCS0	13.61	14.79	17.25	17.50
		40	5200		13.78	15.04	17.47	17.50
		44	5220		13.62	15.00	17.37	17.50
		48	5240		13.85	15.04	17.50	17.50
	U-NII-2A	52	5260		13.85	13.06	16.48	17.50
		56	5280		13.81	12.99	16.43	17.50
		60	5300		13.94	12.75	16.40	17.50
		64	5320		13.64	12.50	16.12	17.50
	U-NII-2C	100	5500		13.34	12.44	15.92	17.50
		104	5520		13.22	12.44	15.86	17.50
		108	5540		13.31	12.43	15.90	17.50
		112	5560		13.19	12.59	15.91	17.50
		116	5580		13.09	12.61	15.87	17.50
		120	5600		13.23	12.57	15.92	17.50
		124	5620		13.08	12.72	15.91	17.50
		128	5640		13.20	12.84	16.03	17.50
		132	5660		13.11	12.99	16.06	17.50
		136	5680		13.53	12.87	16.22	17.50
		140	5700		13.37	13.05	16.22	17.50
		144	5720		13.48	13.05	16.28	17.50
	U-NII-3	149	5745		13.29	13.21	16.26	17.50
		153	5765		13.43	13.22	16.34	17.50
		157	5785		13.20	12.98	16.10	17.50
		161	5805		13.47	13.14	16.32	17.50
		165	5825		13.79	13.10	16.47	17.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax-40	U-NII-1	38	5190	MCS0	11.54	10.79	14.19	15.50
		46	5230		13.51	13.19	16.36	17.50
	U-NII-2A	54	5270		13.55	12.77	16.19	17.50
		62	5310		12.77	11.61	15.24	16.50
	U-NII-2C	102	5510		12.28	11.32	14.84	16.50
		110	5550		13.18	12.37	15.80	17.50



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 595 of 620

		118	5590		13.00	12.48	15.76	17.50
		126	5630		13.19	12.72	15.97	17.50
		134	5670		13.30	12.96	16.14	17.50
		142	5710		13.24	12.86	16.06	17.50
	U-NII-3	151	5755		13.30	13.14	16.23	17.50
		159	5795		13.20	12.83	16.03	17.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax 80M	U-NII-1	42	5210	MCS0	11.68	11.09	14.41	15.50
	U-NII-2A	58	5290		12.32	10.89	14.67	16.00
	U-NII-2C	106	5530		11.43	10.20	13.87	15.50
		122	5610		14.22	13.42	16.85	18.50
		138	5690		14.07	13.80	16.95	18.50
	U-NII-3	155	5775		14.23	13.78	17.02	18.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	11.75	10.62	14.23	15.00
	U-NII-2C	114	5570		10.76	9.76	13.30	14.50



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 596 of 620

7.3 Conducted Power of 6E WIFI

WIFI 6E Ant 9 Set4						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U - NII - 5 6.2GHz	802.11ax HE20	1	5955	MCS0	7.32	8
		45	6175		7.22	8
		93	6415		7.10	8
	802.11ax HE40	3	5985	MCS0	9.16	11
		43	6165		9.22	11
		91	6405		9.38	11
	802.11ax HE80	7	5985	MCS0	13.18	14
		39	6145		13.14	14
		87	6385		13.16	14
	802.11ax HE160	15	6025	MCS0	15.84	16
		47	6185		15.88	16
		79	6345		15.66	16
U - NII - 6 6.5GHz	802.11ax HE20	97	6435	MCS0	7.12	8
		105	6475		6.76	8
		113	6515		6.67	8
	802.11ax HE40	99	6445	MCS0	9.14	10
		107	6485		9.07	10
	802.11ax HE80	103	6465	MCS0	12.80	13
		119	6545		12.72	13
	802.11ax HE160	111	6505	MCS0	15.10	16
U - NII - 7 6.7GHz	802.11ax HE20	117	6535	MCS0	6.70	8
		149	6695		6.78	8
		181	6855		6.63	8
	802.11ax HE40	115	6525	MCS0	9.04	10
		147	6685		8.86	10
		179	6845		8.76	10
	802.11ax HE80	135	6625	MCS0	12.83	14
		151	6705		12.73	14
		167	6785		12.58	14
	802.11ax HE160	143	6665	MCS0	15.32	16
		175	6825		15.03	16
U - NII - 8 7.0GHz	802.11ax HE20	185	6875	MCS0	6.69	7
		209	6995		6.46	7
		233	7115		-9.31	-8
		187	6885	MCS0	9.21	11



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 597 of 620

	802.11ax HE40	227	7085		9.15	11
	802.11ax HE80	183	6865	MCS0	12.64	14
		199	6945		12.88	14
		215	7025		12.42	14
	802.11ax HE160	207	6985	MCS0	15.06	16



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Technical Services Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 598 of 620

WIFI 6E Ant 10 Set4						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U - NII - 5 6.2GHz	802.11ax HE20	1	5955	MCS0	6.42	8
		45	6175		6.44	8
		93	6415		6.54	8
	802.11ax HE40	3	5985	MCS0	8.10	10
		43	6165		8.18	10
		91	6405		8.22	10
	802.11ax HE80	7	5985	MCS0	12.14	13
		39	6145		12.21	13
		87	6385		12.45	13
	802.11ax HE160	15	6025	MCS0	14.80	16
		47	6185		14.86	16
		79	6345		14.95	16
U - NII - 6 6.5GHz	802.11ax HE20	97	6435	MCS0	6.67	8
		105	6475		6.48	8
		113	6515		6.23	8
	802.11ax HE40	99	6445	MCS0	8.30	10
		107	6485		8.24	10
	802.11ax HE80	103	6465	MCS0	12.20	13
		119	6545		12.06	13
	802.11ax HE160	111	6505	MCS0	14.66	16
U - NII - 7 6.7GHz	802.11ax HE20	117	6535	MCS0	6.15	8
		149	6695		6.90	8
		181	6855		6.27	8
	802.11ax HE40	115	6525	MCS0	8.31	10
		147	6685		8.72	10
		179	6845		8.55	10
	802.11ax HE80	135	6625	MCS0	12.34	14
		151	6705		12.73	14
		167	6785		12.32	14
	802.11ax HE160	143	6665	MCS0	15.02	16
		175	6825		14.65	16
U - NII - 8 7.0GHz	802.11ax HE20	185	6875	MCS0	6.28	7
		209	6995		6.71	7
		233	7115		-6.23	-5
	802.11ax HE40	187	6885	MCS0	9.13	11
		227	7085		9.17	11



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 egs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 599 of 620

	802.11ax HE80	183	6865	MCS0	12.23	14
		199	6945		12.62	14
		215	7025		13.16	14
	802.11ax HE160	207	6985	MCS0	14.93	16



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Technical Services Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 600 of 620

WIFI 6E MIMO Set4								
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
U - NII - 5 6.2GHz	802.11ax HE20	1	5955	MCS0	7.31	6.43	9.90	11.00
		45	6175		7.28	6.49	9.91	11.00
		93	6415		7.11	6.52	9.84	11.00
	802.11ax HE40	3	5985	MCS0	9.17	8.08	11.67	13.00
		43	6165		9.26	8.18	11.76	13.00
		91	6405		9.45	8.19	11.88	13.00
	802.11ax HE80	7	5985	MCS0	13.20	12.07	15.68	16.00
		39	6145		13.08	12.24	15.69	16.00
		87	6385		13.10	12.49	15.82	16.00
	802.11ax HE160	15	6025	MCS0	15.79	14.77	18.32	19.00
		47	6185		15.82	14.89	18.39	19.00
		79	6345		15.68	14.88	18.31	19.00
U - NII - 6 6.5GHz	802.11ax HE20	97	6435	MCS0	7.07	6.60	9.85	11.00
		105	6475		6.75	6.52	9.65	11.00
		113	6515		6.64	6.18	9.43	11.00
	802.11ax HE40	99	6445	MCS0	9.18	8.29	11.77	13.00
		107	6485		9.07	8.31	11.72	13.00
	802.11ax HE80	103	6465	MCS0	12.77	12.17	15.49	16.00
		119	6545		12.77	12.11	15.46	16.00
	802.11ax HE160	111	6505	MCS0	15.09	14.68	17.90	19.00
U - NII - 7 6.7GHz	802.11ax HE20	117	6535	MCS0	6.63	6.18	9.42	11.00
		149	6695		6.74	6.93	9.85	11.00
		181	6855		6.59	6.22	9.42	11.00
	802.11ax HE40	115	6525	MCS0	9.06	8.26	11.69	13.00
		147	6685		8.80	8.67	11.75	13.00
		179	6845		8.83	8.61	11.73	13.00
	802.11ax HE80	135	6625	MCS0	12.83	12.38	15.62	17.00
		151	6705		12.76	12.74	15.76	17.00
		167	6785		12.51	12.29	15.41	17.00
	802.11ax HE160	143	6665	MCS0	15.25	15.05	18.16	19.00
		175	6825		15.01	14.63	17.83	19.00
U - NII - 8 7.0GHz	802.11ax HE20	185	6875	MCS0	6.72	6.30	9.53	10.00
		209	6995		6.46	6.75	9.62	10.00
		233	7115		-9.31	-6.23	-4.49	-3.00
	802.11ax HE40	187	6885	MCS0	9.19	9.11	12.16	14.00
		227	7085		9.14	9.22	12.19	14.00



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 egs.china@sgs.com



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 601 of 620

802.11ax HE80	183	6865	MCS0	12.71	12.17	15.46	17.00
	199	6945		12.91	12.56	15.75	17.00
	215	7025		12.35	13.19	15.80	17.00
802.11ax HE160	207	6985	MCS0	15.11	14.95	18.04	19.00



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Technical Services Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 602 of 620

WIFI 6E Ant 9 Set0/1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U - NII - 5 6.2GHz	802.11ax HE20	1	5955	MCS0	2.33	3
		45	6175		2.23	3
		93	6415		2.12	3
	802.11ax HE40	3	5985	MCS0	4.21	6
		43	6165		4.24	6
		91	6405		4.40	6
	802.11ax HE80	7	5985	MCS0	8.17	9
		39	6145		8.11	9
		87	6385		8.14	9
	802.11ax HE160	15	6025	MCS0	10.84	11
		47	6185		10.88	11
		79	6345		10.70	11
U - NII - 6 6.5GHz	802.11ax HE20	97	6435	MCS0	2.13	3
		105	6475		1.75	3
		113	6515		1.64	3
	802.11ax HE40	99	6445	MCS0	4.12	5
		107	6485		4.12	5
	802.11ax HE80	103	6465	MCS0	7.81	8
		119	6545		7.71	8
	802.11ax HE160	111	6505	MCS0	10.11	11
U - NII - 7 6.7GHz	802.11ax HE20	117	6535	MCS0	1.68	3
		149	6695		1.76	3
		181	6855		1.65	3
	802.11ax HE40	115	6525	MCS0	4.02	5
		147	6685		3.87	5
		179	6845		3.77	5
	802.11ax HE80	135	6625	MCS0	7.84	9
		151	6705		7.73	9
		167	6785		7.63	9
	802.11ax HE160	143	6665	MCS0	10.30	11
		175	6825		10.04	11
U - NII - 8 7.0GHz	802.11ax HE20	185	6875	MCS0	1.71	2
		209	6995		1.49	2
		233	7115		-9.31	-8
	802.11ax HE40	187	6885	MCS0	4.16	6
		227	7085		4.15	6



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 603 of 620

	802.11ax HE80	183	6865	MCS0	7.67	9
		199	6945		7.91	9
		215	7025		7.44	9
	802.11ax HE160	207	6985	MCS0	10.03	11



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 604 of 620

WIFI 6E Ant 10 Set0/1						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U - NII - 5 6.2GHz	802.11ax HE20	1	5955	MCS0	1.44	3
		45	6175		1.39	3
		93	6415		1.53	3
	802.11ax HE40	3	5985	MCS0	3.09	5
		43	6165		3.17	5
		91	6405		3.20	5
	802.11ax HE80	7	5985	MCS0	7.12	8
		39	6145		7.25	8
		87	6385		7.47	8
	802.11ax HE160	15	6025	MCS0	9.84	11
		47	6185		9.91	11
		79	6345		9.96	11
U - NII - 6 6.5GHz	802.11ax HE20	97	6435	MCS0	1.68	3
		105	6475		1.52	3
		113	6515		1.27	3
	802.11ax HE40	99	6445	MCS0	3.29	5
		107	6485		3.24	5
	802.11ax HE80	103	6465	MCS0	7.21	8
		119	6545		7.03	8
	802.11ax HE160	111	6505	MCS0	9.71	11
U - NII - 7 6.7GHz	802.11ax HE20	117	6535	MCS0	1.20	3
		149	6695		1.93	3
		181	6855		1.28	3
	802.11ax HE40	115	6525	MCS0	3.34	5
		147	6685		3.74	5
		179	6845		3.52	5
	802.11ax HE80	135	6625	MCS0	7.36	9
		151	6705		7.77	9
		167	6785		7.32	9
	802.11ax HE160	143	6665	MCS0	9.97	11
		175	6825		9.66	11
U - NII - 8 7.0GHz	802.11ax HE20	185	6875	MCS0	1.24	2
		209	6995		1.67	2
		233	7115		-6.23	-5
	802.11ax HE40	187	6885	MCS0	4.18	6
		227	7085		4.12	6



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 605 of 620

	802.11ax HE80	183	6865	MCS0	7.26	9
		199	6945		7.61	9
		215	7025		8.16	9
	802.11ax HE160	207	6985	MCS0	9.90	11



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 606 of 620

WIFI 6E MIMO Set0/1								
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
U - NII - 5 6.2GHz	802.11ax HE20	1	5955	MCS0	2.29	1.44	4.90	6
		45	6175		2.25	1.48	4.89	6
		93	6415		2.12	1.52	4.84	6
	802.11ax HE40	3	5985	MCS0	4.21	3.12	6.71	8
		43	6165		4.28	3.17	6.77	8
		91	6405		4.42	3.22	6.87	8
	802.11ax HE80	7	5985	MCS0	8.18	7.12	10.69	11
		39	6145		8.12	7.25	10.72	11
		87	6385		8.10	7.54	10.84	11
	802.11ax HE160	15	6025	MCS0	10.83	9.78	13.35	14
		47	6185		10.85	9.92	13.42	14
		79	6345		10.65	9.91	13.31	14
U - NII - 6 6.5GHz	802.11ax HE20	97	6435	MCS0	2.09	1.56	4.84	6
		105	6475		1.77	1.48	4.64	6
		113	6515		1.62	1.20	4.43	6
	802.11ax HE40	99	6445	MCS0	4.13	3.26	6.73	8
		107	6485		4.12	3.26	6.72	8
	802.11ax HE80	103	6465	MCS0	7.73	7.17	10.47	11
		119	6545		7.73	7.09	10.43	11
	802.11ax HE160	111	6505	MCS0	10.04	9.67	12.87	14
U - NII - 7 6.7GHz	802.11ax HE20	117	6535	MCS0	1.60	1.18	4.41	6
		149	6695		1.70	1.94	4.83	6
		181	6855		1.56	1.17	4.38	6
	802.11ax HE40	115	6525	MCS0	4.10	3.22	6.69	8
		147	6685		3.82	3.65	6.75	8
		179	6845		3.81	3.62	6.73	8
	802.11ax HE80	135	6625	MCS0	7.86	7.37	10.63	12
		151	6705		7.79	7.78	10.80	12
		167	6785		7.49	7.27	10.39	12
	802.11ax HE160	143	6665	MCS0	10.26	10.05	13.17	14
		175	6825		10.06	9.67	12.88	14
U - NII - 8 7.0GHz	802.11ax HE20	185	6875	MCS0	1.70	1.28	4.51	5
		209	6995		1.48	1.77	4.64	5
		233	7115		-9.31	-6.23	-4.49	-3.00
	802.11ax HE40	187	6885	MCS0	4.22	4.11	7.18	9
		227	7085		4.09	4.24	7.18	9



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 607 of 620

	802.11ax HE80	183	6865	MCS0	7.68	7.22	10.47	12
		199	6945		7.93	7.58	10.77	12
		215	7025		7.36	8.21	10.82	12
	802.11ax HE160	207	6985	MCS0	10.07	9.91	13.00	14



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Technical Services Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 608 of 620

WIFI 6E Ant 9 Set2/3						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U - NII - 5 6.2GHz	802.11ax HE20	1	5955	MCS0	0.35	1
		45	6175		0.26	1
		93	6415		0.12	1
	802.11ax HE40	3	5985	MCS0	2.17	4
		43	6165		2.26	4
		91	6405		2.39	4
	802.11ax HE80	7	5985	MCS0	6.22	7
		39	6145		6.18	7
		87	6385		6.19	7
	802.11ax HE160	15	6025	MCS0	8.85	9
		47	6185		8.87	9
		79	6345		8.61	9
U - NII - 6 6.5GHz	802.11ax HE20	97	6435	MCS0	0.10	1
		105	6475		-0.23	1
		113	6515		-0.31	1
	802.11ax HE40	99	6445	MCS0	2.18	3
		107	6485		2.10	3
	802.11ax HE80	103	6465	MCS0	5.81	6
		119	6545		5.67	6
	802.11ax HE160	111	6505	MCS0	8.05	9
U - NII - 7 6.7GHz	802.11ax HE20	117	6535	MCS0	-0.32	1
		149	6695		-0.19	1
		181	6855		-0.33	1
	802.11ax HE40	115	6525	MCS0	2.05	3
		147	6685		1.85	3
		179	6845		1.71	3
	802.11ax HE80	135	6625	MCS0	5.88	7
		151	6705		5.68	7
		167	6785		5.54	7
	802.11ax HE160	143	6665	MCS0	8.31	9
		175	6825		8.04	9
U - NII - 8 7.0GHz	802.11ax HE20	185	6875	MCS0	-0.26	0
		209	6995		-0.56	0
		233	7115		-9.31	-8
	802.11ax HE40	187	6885	MCS0	2.21	4
		227	7085		2.14	4



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 609 of 620

	802.11ax HE80	183	6865	MCS0	5.64	7
		199	6945		5.83	7
		215	7025		5.42	7
	802.11ax HE160	207	6985	MCS0	8.01	9



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Technical Services Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 610 of 620

WIFI 6E Ant 10 Set2/3						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U - NII - 5 6.2GHz	802.11ax HE20	1	5955	MCS0	-0.59	1
		45	6175		-0.58	1
		93	6415		-0.41	1
	802.11ax HE40	3	5985	MCS0	1.12	3
		43	6165		1.17	3
		91	6405		1.19	3
	802.11ax HE80	7	5985	MCS0	5.10	6
		39	6145		5.17	6
		87	6385		5.41	6
	802.11ax HE160	15	6025	MCS0	7.76	9
		47	6185		7.87	9
		79	6345		7.91	9
U - NII - 6 6.5GHz	802.11ax HE20	97	6435	MCS0	-0.37	1
		105	6475		-0.57	1
		113	6515		-0.78	1
	802.11ax HE40	99	6445	MCS0	1.35	3
		107	6485		1.27	3
	802.11ax HE80	103	6465	MCS0	5.21	6
		119	6545		5.04	6
	802.11ax HE160	111	6505	MCS0	7.70	9
U - NII - 7 6.7GHz	802.11ax HE20	117	6535	MCS0	-0.88	1
		149	6695		-0.15	1
		181	6855		-0.71	1
	802.11ax HE40	115	6525	MCS0	1.34	3
		147	6685		1.76	3
		179	6845		1.53	3
	802.11ax HE80	135	6625	MCS0	5.38	7
		151	6705		5.73	7
		167	6785		5.31	7
	802.11ax HE160	143	6665	MCS0	8.03	9
		175	6825		7.70	9
U - NII - 8 7.0GHz	802.11ax HE20	185	6875	MCS0	-0.75	0
		209	6995		-0.27	0
		233	7115		-6.23	-5
	802.11ax HE40	187	6885	MCS0	2.16	4
		227	7085		2.21	4



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 egs.china@sgs.com



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 611 of 620

	802.11ax HE80	183	6865	MCS0	5.23	7
		199	6945		5.64	7
		215	7025		6.18	7
	802.11ax HE160	207	6985	MCS0	7.97	9



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Technical Services Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 612 of 620

WIFI 6E MIMO Set2/3								
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
U - NII - 5 6.2GHz	802.11ax HE20	1	5955	MCS0	0.32	-0.57	2.91	4
		45	6175		0.32	-0.48	2.95	4
		93	6415		0.14	-0.47	2.86	4
	802.11ax HE40	3	5985	MCS0	2.16	1.09	4.67	6
		43	6165		2.21	1.15	4.72	6
		91	6405		2.45	1.16	4.86	6
	802.11ax HE80	7	5985	MCS0	6.17	5.09	8.67	9
		39	6145		6.07	5.21	8.67	9
		87	6385		6.12	5.47	8.82	9
	802.11ax HE160	15	6025	MCS0	8.75	7.72	11.28	12
		47	6185		8.87	7.84	11.40	12
		79	6345		8.71	7.85	11.31	12
U - NII - 6 6.5GHz	802.11ax HE20	97	6435	MCS0	0.10	-0.45	2.84	4
		105	6475		-0.23	-0.47	2.66	4
		113	6515		-0.34	-0.78	2.46	4
	802.11ax HE40	99	6445	MCS0	2.15	1.28	4.75	6
		107	6485		2.08	1.34	4.74	6
	802.11ax HE80	103	6465	MCS0	5.82	5.12	8.49	9
		119	6545		5.82	5.16	8.51	9
	802.11ax HE160	111	6505	MCS0	8.05	7.71	10.89	12
U - NII - 7 6.7GHz	802.11ax HE20	117	6535	MCS0	-0.42	-0.87	2.37	4
		149	6695		-0.24	-0.05	2.87	4
		181	6855		-0.45	-0.77	2.40	4
	802.11ax HE40	115	6525	MCS0	2.04	1.31	4.70	6
		147	6685		1.79	1.66	4.74	6
		179	6845		1.80	1.65	4.74	6
	802.11ax HE80	135	6625	MCS0	5.84	5.43	8.65	10
		151	6705		5.77	5.79	8.79	10
		167	6785		5.56	5.25	8.42	10
	802.11ax HE160	143	6665	MCS0	8.29	8.03	11.17	12
		175	6825		8.06	7.60	10.85	12
U - NII - 8 7.0GHz	802.11ax HE20	185	6875	MCS0	-0.23	-0.74	2.53	3
		209	6995		-0.55	-0.23	2.62	3
		233	7115		-9.31	-6.23	-4.49	-3.00
	802.11ax HE40	187	6885	MCS0	2.24	2.07	5.17	7
		227	7085		2.19	2.17	5.19	7



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编:518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 613 of 620

	802.11ax HE80	183	6865	MCS0	5.74	5.14	8.46	10
		199	6945		5.92	5.59	8.77	10
		215	7025		5.30	6.17	8.77	10
	802.11ax HE160	207	6985	MCS0	8.07	7.93	11.01	12



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 614 of 620

WIFI 6E Ant 9 Set5						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U - NII - 5 6.2GHz	802.11ax HE20	1	5955	MCS0	6.28	7
		45	6175		6.24	7
		93	6415		6.10	7
	802.11ax HE40	3	5985	MCS0	8.21	10
		43	6165		8.27	10
		91	6405		8.43	10
	802.11ax HE80	7	5985	MCS0	12.13	13
		39	6145		12.13	13
		87	6385		12.15	13
	802.11ax HE160	15	6025	MCS0	14.88	15
		47	6185		14.92	15
		79	6345		14.67	15
U - NII - 6 6.5GHz	802.11ax HE20	97	6435	MCS0	6.16	7
		105	6475		5.73	7
		113	6515		5.68	7
	802.11ax HE40	99	6445	MCS0	8.10	9
		107	6485		8.02	9
	802.11ax HE80	103	6465	MCS0	11.80	12
		119	6545		11.70	12
	802.11ax HE160	111	6505	MCS0	14.08	15
U - NII - 7 6.7GHz	802.11ax HE20	117	6535	MCS0	5.65	7
		149	6695		5.76	7
		181	6855		5.63	7
	802.11ax HE40	115	6525	MCS0	8.05	9
		147	6685		7.88	9
		179	6845		7.79	9
	802.11ax HE80	135	6625	MCS0	11.82	13
		151	6705		11.76	13
		167	6785		11.54	13
	802.11ax HE160	143	6665	MCS0	14.32	15
		175	6825		14.06	15
U - NII - 8 7.0GHz	802.11ax HE20	185	6875	MCS0	5.74	6
		209	6995		5.51	6
		233	7115		-10.27	-9
	802.11ax HE40	187	6885	MCS0	8.21	10
		227	7085		8.20	10



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 615 of 620

	802.11ax HE80	183	6865	MCS0	11.59	13
		199	6945		11.84	13
		215	7025		11.44	13
	802.11ax HE160	207	6985	MCS0	14.08	15



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 616 of 620

WIFI 6E Ant 10 Set5						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Tune up
U - NII - 5 6.2GHz	802.11ax HE20	1	5955	MCS0	5.44	7
		45	6175		5.39	7
		93	6415		5.58	7
	802.11ax HE40	3	5985	MCS0	7.12	9
		43	6165		7.22	9
		91	6405		7.17	9
	802.11ax HE80	7	5985	MCS0	11.16	12
		39	6145		11.25	12
		87	6385		11.47	12
	802.11ax HE160	15	6025	MCS0	13.80	15
		47	6185		13.86	15
		79	6345		13.90	15
U - NII - 6 6.5GHz	802.11ax HE20	97	6435	MCS0	5.69	7
		105	6475		5.43	7
		113	6515		5.28	7
	802.11ax HE40	99	6445	MCS0	7.28	9
		107	6485		7.29	9
	802.11ax HE80	103	6465	MCS0	11.15	12
		119	6545		11.06	12
	802.11ax HE160	111	6505	MCS0	13.65	15
U - NII - 7 6.7GHz	802.11ax HE20	117	6535	MCS0	5.12	7
		149	6695		5.95	7
		181	6855		5.27	7
	802.11ax HE40	115	6525	MCS0	7.36	9
		147	6685		7.77	9
		179	6845		7.51	9
	802.11ax HE80	135	6625	MCS0	11.30	13
		151	6705		11.76	13
		167	6785		11.28	13
	802.11ax HE160	143	6665	MCS0	13.98	15
		175	6825		13.66	15
U - NII - 8 7.0GHz	802.11ax HE20	185	6875	MCS0	5.26	6
		209	6995		5.70	6
		233	7115		-7.26	-6
	802.11ax HE40	187	6885	MCS0	8.12	10
		227	7085		8.15	10



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 egs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 617 of 620

	802.11ax HE80	183	6865	MCS0	11.28	13
		199	6945		11.61	13
		215	7025		12.20	13
	802.11ax HE160	207	6985	MCS0	13.96	15



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 618 of 620

WIFI 6E MIMO Set5								
Band	Mode	Channel	Frequency (MHz)	Data Rate	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
U - NII - 5 6.2GHz	802.11ax HE20	1	5955	MCS0	6.27	5.46	8.89	10
		45	6175		6.28	5.46	8.90	10
		93	6415		6.08	5.53	8.82	10
	802.11ax HE40	3	5985	MCS0	8.21	7.12	10.71	12
		43	6165		8.30	7.22	10.80	12
		91	6405		8.42	7.20	10.86	12
	802.11ax HE80	7	5985	MCS0	12.15	11.02	14.63	15
		39	6145		12.09	11.27	14.71	15
		87	6385		12.11	11.51	14.83	15
	802.11ax HE160	15	6025	MCS0	14.79	13.76	17.32	18
		47	6185		14.78	13.88	17.36	18
		79	6345		14.71	13.84	17.31	18
U - NII - 6 6.5GHz	802.11ax HE20	97	6435	MCS0	6.05	5.61	8.85	10
		105	6475		5.74	5.50	8.63	10
		113	6515		5.68	5.23	8.47	10
	802.11ax HE40	99	6445	MCS0	8.22	7.32	10.80	12
		107	6485		8.06	7.26	10.69	12
	802.11ax HE80	103	6465	MCS0	11.82	11.14	14.50	15
		119	6545		11.76	11.10	14.45	15
	802.11ax HE160	111	6505	MCS0	14.07	13.72	16.91	18
U - NII - 7 6.7GHz	802.11ax HE20	117	6535	MCS0	5.67	5.16	8.43	10
		149	6695		5.70	5.93	8.83	10
		181	6855		5.61	5.18	8.41	10
	802.11ax HE40	115	6525	MCS0	8.05	7.28	10.69	12
		147	6685		7.81	7.64	10.74	12
		179	6845		7.81	7.60	10.72	12
	802.11ax HE80	135	6625	MCS0	11.86	11.39	14.64	16
		151	6705		11.79	11.73	14.77	16
		167	6785		11.47	11.27	14.38	16
	802.11ax HE160	143	6665	MCS0	14.26	14.06	17.17	18
		175	6825		14.04	13.63	16.85	18
U - NII - 8 7.0GHz	802.11ax HE20	185	6875	MCS0	5.69	5.27	8.50	9
		209	6995		5.45	5.74	8.61	9
		233	7115		-10.26	-7.27	-5.50	-4
	802.11ax HE40	187	6885	MCS0	8.15	8.12	11.15	13
		227	7085		8.17	8.19	11.19	13



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 619 of 620

802.11ax HE80	183	6865	MCS0	11.75	11.20	14.49	16
	199	6945		11.90	11.61	14.77	16
	215	7025		11.30	12.17	14.77	16
802.11ax HE160	207	6985	MCS0	14.11	14.00	17.07	18



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250500221411

Page: 620 of 620

7.4 Conducted Power of Bluetooth

BT Ant 9		Average Conducted Power(dBm)			
Band	Channel	0	39	78	Tune up
BT	GFSK	12.06	12.57	12.17	13.00
	$\pi/4$ DQPSK	8.98	9.39	9.06	10.50
	8DPSK	8.95	9.33	9.00	10.50
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	8.31	8.59	8.52	10.00
BLE 2M	GFSK	8.71	8.82	8.80	10.00

BT Ant 10		Average Conducted Power(dBm)			
Band	Channel	0	39	78	Tune up
BT	GFSK	12.76	13.34	12.41	14.00
	$\pi/4$ DQPSK	10.87	11.37	9.87	11.50
	8DPSK	10.79	11.33	9.81	11.50
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	8.82	9.05	8.87	10.00
BLE 2M	GFSK	9.30	9.40	9.44	10.00



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Test and Calibration Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Member of the SGS Group (SGS SA)