

SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400120603

Page: 525 of 528

Formal								-		
Section						0	120	5550.080	5470 to 5725	Pass
New York September Septe						10	120	5550.080	5470 to 5725	Pass
Section						30	120	5550.080	5470 to 5725	Pass
Section Sect						40	120	5550.120	5470 to 5725	Pass
Second Figure Fig							102	5670.040	5470 to 5725	Pass
Section Rush Left 0						20	120	5670.120	5470 to 5725	Pass
10							138	5670.080	5470 to 5725	Pass
Second Security Second Sec			5670	RU484	Left	0	120	5670.120	5470 to 5725	Pass
Name						10	120	5670.080	5470 to 5725	Pass
ST55						30	120	5670.080	5470 to 5725	Pass
STOP						40	120	5670.080	5470 to 5725	Pass
S755 RU484 Left							102	5755.080	5725 to 5850	Pass
S755 RU484 Left 0						20	120	5755.040	5725 to 5850	Pass
Name							138	5755.080	5725 to 5850	Pass
STOPPORT			5755	RU484	Left	0	120	5755.080	5725 to 5850	Pass
Name						10	120	5755.080	5725 to 5850	Pass
Name						30	120	5755.080	5725 to 5850	Pass
Name						40	120	5755.080	5725 to 5850	Pass
Name		•		95 RU484	Left	20	102	5795.120	5725 to 5850	Pass
Name							120	5795.080	5725 to 5850	Pass
Name			5795				138	5795.080	5725 to 5850	Pass
Name						0	120	5795.120	5725 to 5850	Pass
Name						10	120	5795.160	5725 to 5850	Pass
Name						30	120	5795.080	5725 to 5850	Pass
Name						40	120	5795.080	5725 to 5850	Pass
Name				RU996	Left	20	102	5210.151	5150 to 5250	Pass
802.11ax (HEW80) MIMO RU996 RU996 Left 0 120 5210.076 5150 to 5250 Pass 10 120 5210.076 5150 to 5250 Pass 30 120 5210.076 5150 to 5250 Pass 40 120 5210.076 5150 to 5250 Pass 40 120 5290.151 5250 to 5350 Pass 102 5290.151 5250 to 5350 Pass 103 5290.151 5250 to 5350 Pass 104 120 5290.076 5250 to 5350 Pass 105 120 5290.076 5250 to 5350 Pass 106 120 5290.151 5250 to 5350 Pass 107 120 5290.151 5250 to 5350 Pass 108 120 5290.151 5250 to 5350 Pass 109 120 5290.151 5250 to 5350 Pass							120	5210.151	5150 to 5250	Pass
802.11ax (HEW80) MIMO RU996 RU996							138	5210.151	5150 to 5250	Pass
802.11ax (HEW80) MIMO RU996			5210			0	120	5210.076	5150 to 5250	Pass
802.11ax (HEW80) MIMO RU996 RU996 Left						10	120	5210.076	5150 to 5250	Pass
MIMO MIMO RU996 Left 20 102 5290.151 5250 to 5350 Pass 20 120 5290.076 5250 to 5350 Pass 138 5290.151 5250 to 5350 Pass 138 5290.151 5250 to 5350 Pass 100 120 5290.076 5250 to 5350 Pass 100 120 5290.151 5250 to 5350 Pass 100 120 5290.151 5250 to 5350 Pass						30	120	5210.151	5150 to 5250	Pass
(HEW80) MIMO 2 20 102 5290.151 5250 to 5350 Pass 20 120 5290.076 5250 to 5350 Pass 138 5290.151 5250 to 5350 Pass 138 5290.151 5250 to 5350 Pass 100 120 5290.076 5250 to 5350 Pass 30 120 5290.151 5250 to 5350 Pass 40 120 5290.151 5250 to 5350 Pass 20 5290.151 5250 to 5350 Pass						40	120	5210.076	5150 to 5250	Pass
5290 RU996 Left 20 120 5290.076 5250 to 5350 Pass 138 5290.151 5250 to 5350 Pass 10 120 5290.076 5250 to 5350 Pass 30 120 5290.151 5250 to 5350 Pass 30 120 5290.151 5250 to 5350 Pass 40 120 5290.151 5250 to 5350 Pass		MIMO					102	5290.151	5250 to 5350	Pass
5290 RU996 Left 0 120 5290.076 5250 to 5350 Pass 10 120 5290.151 5250 to 5350 Pass 30 120 5290.151 5250 to 5350 Pass 40 120 5290.151 5250 to 5350 Pass						20	120	5290.076	5250 to 5350	Pass
10 120 5290.151 5250 to 5350 Pass 30 120 5290.151 5250 to 5350 Pass 40 120 5290.151 5250 to 5350 Pass							138	5290.151	5250 to 5350	Pass
30 120 5290.151 5250 to 5350 Pass 40 120 5290.151 5250 to 5350 Pass			5290	RU996	Left	0	120	5290.076	5250 to 5350	Pass
40 120 5290.151 5250 to 5350 Pass						10	120	5290.151	5250 to 5350	Pass
						30	120	5290.151	5250 to 5350	Pass
5530 RU996 Left 20 102 5530.076 5470 to 5725 Pass					[40	120	5290.151	5250 to 5350	Pass
			5530	RU996	Left	20	102	5530.076	5470 to 5725	Pass



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 Part, 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



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400120603

Page: 526 of 528

120 5530.151 5470 to 5725 Pass										
Name							120	5530.151	5470 to 5725	Pass
10							138	5530.151	5470 to 5725	Pass
Section Sect						0	120	5530.151	5470 to 5725	Pass
Second Part						10	120	5530.076	5470 to 5725	Pass
Section Russian Section Sect						30	120	5530.151	5470 to 5725	Pass
Second Part						40	120	5530.076	5470 to 5725	Pass
Section Russian Section Russian Section Sect							102	5610.151	5470 to 5725	Pass
Section Russian Section Russian Section Russian Section Sect						20	120	5610.076	5470 to 5725	Pass
10							138	5610.151	5470 to 5725	Pass
Name			5610	RU996	Left	0	120	5610.151	5470 to 5725	Pass
RU996 Left						10	120	5610.151	5470 to 5725	Pass
ST75 RU996 Left						30	120	5610.151	5470 to 5725	Pass
ST75 RU996 Left						40	120	5610.151	5470 to 5725	Pass
ST75 RU996 Left 138 5775.076 5725 to 5850 Pass							102	5775.076	5725 to 5850	Pass
Name			5775	RU996		20	120	5775.151	5725 to 5850	Pass
10					Left		138	5775.076	5725 to 5850	Pass
30						0	120	5775.076	5725 to 5850	Pass
MIMO						10	120	5775.151	5725 to 5850	Pass
802.11ax (HEW160) MIMO 2xRU996 Left 20						30	120	5775.076	5725 to 5850	Pass
802.11ax (HEW160) MIMO 2xRU996 Left 20						40	120	5775.076	5725 to 5850	Pass
802.11ax (HEW160) MIMO 2xRU996 Left 0 120 5570.150 5470 to 5725 Pass 10 120 5570.150 5470 to 5725 Pass 30 120 5570.150 5470 to 5725 Pass 40 120 5570.150 5470 to 5725 Pass 40 120 5570.150 5470 to 5725 Pass 20 120 5250.150 5150 to 5350 Pass 20 120 5250.150 5150 to 5350 Pass 138 5250.225 5150 to 5350 Pass 10 120 5250.150 5150 to 5350 Pass 10 120 5250.150 5150 to 5350 Pass 10 120 5250.150 5150 to 5350 Pass 30 120				2xRU996	Left	20	102	5570.150	5470 to 5725	Pass
802.11ax (HEW160) MIMO 5570 2xRU996 Left 0 120 5570.150 5470 to 5725 Pass 30 120 5570.150 5470 to 5725 Pass 40 102 5250.150 5150 to 5350 Pass 138 5250.225 5150 to 5350 Pass 10 120 5250.150 5150 to 5350 Pass							120	5570.150	5470 to 5725	Pass
802.11ax (HEW160) MIMO 5250 2xRU996 10 120 5570.150 5470 to 5725 Pass 40 120 5570.150 5470 to 5725 Pass 40 120 5570.150 5470 to 5725 Pass 102 5250.150 5150 to 5350 Pass 138 5250.225 5150 to 5350 Pass 10 120 5250.150 5150 to 5350 Pass							138	5570.150	5470 to 5725	Pass
802.11ax (HEW160) MIMO Solution Box			5570			0	120	5570.150	5470 to 5725	Pass
802.11ax (HEW160) MIMO						10	120	5570.150	5470 to 5725	Pass
(HEW160) MIMO 20 102 5250.150 5150 to 5350 Pass 138 5250.225 5150 to 5350 Pass 138 5250.225 5150 to 5350 Pass 100 120 5250.150 5150 To 5050 Pass 100 120 52						30	120	5570.150	5470 to 5725	Pass
(HEW160) 20	802.11ax					40	120	5570.150	5470 to 5725	Pass
5250 2xRU996 Left 138 5250.225 5150 to 5350 Pass 10 120 5250.150 5150 to 5350 Pass 30 120 5250.150 5150 to 5350 Pass 30 120 5250.150 5150 to 5350 Pass	(HEW160)	MINO					102	5250.150	5150 to 5350	Pass
5250 2xRU996 Left 0 120 5250.150 5150 to 5350 Pass 10 120 5250.150 5150 to 5350 Pass 30 120 5250.150 5150 to 5350 Pass						20	120	5250.150	5150 to 5350	Pass
10 120 5250.150 5150 to 5350 Pass 30 120 5250.150 5150 to 5350 Pass							138	5250.225	5150 to 5350	Pass
30 120 5250.150 5150 to 5350 Pass			5250	2xRU996	Left	0	120	5250.150	5150 to 5350	Pass
						10	120	5250.150	5150 to 5350	Pass
40 120 5250.075 5150 to 5350 Pass						30	120	5250.150	5150 to 5350	Pass
						40	120	5250.075	5150 to 5350	Pass



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@ags.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

No.1 Workshop, M-10, Middle Section, Science & Technology Part, Nanshan District, Shenzhen, Guangdong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400120603

Page: 527 of 528

6. Transmitter Power Control

6.1 Maximum Conducted Output Power

6.1.1 Test Result

Mode	TX Type	Frequency	RU	RU Pos	Maximu	Verdict				
		(MHz)			ANT1	ANT2	ANT3	MIMO	Limit	1 0.0.0
		5260	/	/	13.68	14.49	14.55	/	<=24	Pass
		5300	/	/	13.42	14.25	13.52	/	<=24	Pass
000.44	0100	5320	/	/	14.00	14.67	14.67	/	<=24	Pass
802.11a	SISO	5500	/	/	14.38	15.53	15.26	/	<=24	Pass
		5580	/	/	13.91	15.08	14.36	/	<=24	Pass
		5700	/	/	14.25	14.81	14.59	/	<=24	Pass
		5260	/	/	7.86	7.79	8.64	12.89	<=24	Pass
		5300	/	/	7.10	8.27	8.10	12.62	<=24	Pass
802.11n		5320	/	/	7.13	7.68	7.59	12.24	<=24	Pass
(HT20)	MIMO	5500	/	/	8.39	9.02	8.39	13.38	<=24	Pass
		5580	/	/	8.11	8.22	7.55	12.74	<=24	Pass
		5700	/	/	7.15	8.62	8.01	12.74	<=24	Pass
	MIMO	5270	/	/	8.07	8.70	8.83	13.32	<=24	Pass
		5310	/	/	7.78	8.23	8.16	12.83	<=24	Pass
802.11n (HT40)		5510	/	/	8.56	9.52	8.98	13.81	<=24	Pass
(11140)		5550	/	/	9.09	9.42	9.61	14.15	<=24	Pass
		5670	/	/	8.62	10.08	9.47	14.20	<=24	Pass
	MIMO	5260	/	/	7.86	8.59	8.05	12.95	<=24	Pass
		5300	/	/	7.66	7.91	7.53	12.47	<=24	Pass
802.11ac		5320	/	/	7.39	7.77	7.85	12.45	<=24	Pass
(VHT20)		5500	/	/	8.11	8.66	7.88	13.00	<=24	Pass
		5580	/	/	7.16	8.63	8.20	12.81	<=24	Pass
		5700	/	/	7.35	8.10	7.60	12.47	<=24	Pass
		5270	/	/	8.85	8.73	8.64	13.51	<=24	Pass
			5310	/	/	8.36	9.01	8.86	13.52	<=24
802.11ac	MIMO	5510	/	/	7.80	7.67	8.09	12.63	<=24	Pass
(VHT40)		5550	/	/	9.29	9.59	9.56	14.25	<=24	Pass
		5670	/	/	9.26	10.05	9.17	14.28	<=24	Pass
	MIMO	5290	/	/	8.17	8.31	8.75	13.19	<=24	Pass
802.11ac (VHT80)		5530	/	/	8.19	9.45	9.12	13.72	<=24	Pass
(VIIIOU)		5610	/	/	8.97	9.84	9.68	14.28	<=24	Pass
802.11ac	MIMO	5570	/	/	6.71	6.84	6.48	11.45	<=24	Pass



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@gs.com"

No.1 Workshop, Mr-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



SZEMC-TRF-01 Rev. A/0 Aug01,2022

Report No.: SZCR230400120603

Page: 528 of 528

(VHT160)		5250	/	/	7.36	7.68	6.90	12.10	<=24	Pass
		5260	RU242	Left	7.77	8.66	8.15	12.98	<=24	Pass
		5300	RU242	Left	6.13	5.14	8.77	11.73	<=24	Pass
802.11ax	NAINAO	5320	RU242	Left	7.36	8.41	8.18	12.78	<=24	Pass
(HEW20)	MIMO	5500	RU242	Left	7.84	7.72	7.99	12.62	<=24	Pass
		5580	RU242	Left	8.14	8.69	7.99	13.06	<=24	Pass
		5700	RU242	Left	8.09	8.20	8.66	13.09	<=24	Pass
	MIMO	5270	RU484	Left	7.78	8.97	8.95	13.37	<=24	Pass
		5310	RU484	Left	8.05	8.04	8.19	12.87	<=24	Pass
802.11ax (HEW40)		5510	RU484	Left	6.98	7.14	6.85	11.76	<=24	Pass
(1127740)		5550	RU484	Left	7.60	9.18	8.89	13.38	<=24	Pass
		5670	RU484	Left	8.31	8.99	8.56	13.40	<=24	Pass
000.44	MIMO	5290	RU996	Left	7.44	7.70	7.29	12.25	<=24	Pass
802.11ax (HEW80)		5530	RU996	Left	8.63	9.22	8.65	13.61	<=24	Pass
(1127700)		5610	RU996	Left	8.58	9.47	8.70	13.71	<=24	Pass
802.11ax (HEW160)	MIMO	5570	2xRU996	Left	6.88	7.85	7.17	12.09	<=24	Pass
		5250	2xRU996	Left	8.24	9.06	8.72	13.46	<=24	Pass

Note1: ANT1 &ANT2: 2.5dBi ANT3:3.65dBi; Directional Gain: 7.67dBi.

Note2: Directional gain = $10 \log[(10^{G_1/20} + 10^{G_2/20} + ... + 10^{G_N/20})^2 / N_{ANT}] dBi$

- End of the Report -



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 leint'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@gs.com"

No.1 Workshop, Mr-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn

t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com