Test Mode:	IEEE 802.11ac(VHT20) - W52

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	5.6533	5.6624	5.9020	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	5.90			-
Antenna Power Tolerance (%)	-4.18	-4.03	+0.03	Limit + 20% ~ - 80%
EIRP (mW/MHz)	8.9598	8.9743	9.3541	Limit ≤ 10 mW/MHz

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH36



CH40



CH48



Test Mode:	IEEE 802.11ac(VHT40) - W52

Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5190	5230	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	2.8445	2.9785	Limit ≤ 5 mW/MHz
Antenna Power (Rated) (mW/MHz)	2.98		-
Antenna Power Tolerance (%)	-4.55	-0.05	Limit + 20% ~ - 80%
EIRP (mW/MHz)	4.5082	4.7206	Limit ≤ 5 mW/MHz

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH38



CH46



Test Mode:	IEEE 802.11ac(VHT80) - W52

Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5210	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	1.4028	Limit ≤ 2.5 mW/MHz
Antenna Power (Rated) (mW/MHz)	1.40	-
Antenna Power Tolerance (%)	+0.20	Limit + 20% ~ - 80%
EIRP (mW/MHz)	2.2233	Limit ≤ 2.5 mW/MHz

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH42



Test Mode:	IEEE 802.11ax(HE20) - W52

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5180	5200	5240	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	5.9020	5.7810	6.2951	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	6.30			-
Antenna Power Tolerance (%)	-6.32	-8.24	-0.08	Limit + 20% ~ - 80%
EIRP (mW/MHz)	9.3541	9.1622	9.9770	Limit ≤ 10 mW/MHz

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH36



CH40



CH48



Test Mode:	IEEE 802.11ax(HE40) - W52

Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5190	5230	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	2.7797	2.9027	Limit ≤ 5 mW/MHz
Antenna Power (Rated) (mW/MHz)	2.90		-
Antenna Power Tolerance (%)	-4.15	+0.09	Limit + 20% ~ - 80%
EIRP (mW/MHz)	4.4055	4.6004	Limit ≤ 5 mW/MHz

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH38



CH46



Test Mode:	IEEE 802.11ax(HE80) - W52

Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5210	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	1.4322	Limit ≤ 2.5 mW/MHz
Antenna Power (Rated) (mW/MHz)	1.43	-
Antenna Power Tolerance (%)	+0.15	Limit + 20% ~ - 80%
EIRP (mW/MHz)	2.2699	Limit ≤ 2.5 mW/MHz

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH42



Test Mode:	IEEE 802.11a - W53

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	6.2661	5.6105	5.6624	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	6.27			-
Antenna Power Tolerance (%)	-0.06	-10.52	-9.69	Limit + 20% ~ - 80%
EIRP (mW/MHz)	9.9312	8.8920	8.9743	Limit ≤ 10 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

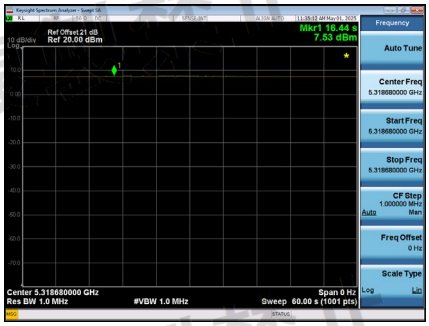
CH52



CH60



CH64



Test Mode:	IEEE 802.11ac(VHT20) - W53

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	5.5450	5.7544	5.7810	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	5.78			-
Antenna Power Tolerance (%)	-4.07	-0.44	+0.02	Limit + 20% ~ - 80%
EIRP (mW/MHz)	8.7882	9.1201	9.1622	Limit ≤ 10 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

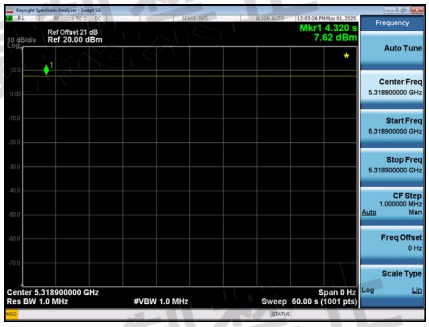
CH52



CH60



CH64



Test Mode:	IEEE 802.11ac(VHT40) - W53

Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5270	5310	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	2.9785	2.7606	Limit ≤ 5 mW/MHz
Antenna Power (Rated) (mW/MHz)	2.98		-
Antenna Power Tolerance (%)	-0.05	-7.36	Limit + 20% ~ - 80%
EIRP (mW/MHz)	4.7206	4.3752	Limit ≤ 5 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH54



CH62



Test Mode:	IEEE 802.11ac(VHT80) - W53

Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5290	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	1.4093	Limit ≤ 2.5 mW/MHz
Antenna Power (Rated) (mW/MHz)	1.41	-
Antenna Power Tolerance (%)	-0.05	Limit + 20% ~ - 80%
EIRP (mW/MHz)	2.2336	Limit ≤ 2.5 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH58



Test Mode:	IEEE 802.11ax(HE20) - W53

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5260	5300	5320	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	5.9704	6.0674	6.1660	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	6.17			-
Antenna Power Tolerance (%)	-3.24	-1.66	-0.06	Limit + 20% ~ - 80%
EIRP (mW/MHz)	9.4624	9.6161	9.7724	Limit ≤ 10 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH52



CH60



CH64



Test Mode:	IEEE 802.11ax(HE40) - W53

Test Voltage	Normal Voltage		Remarks
Test Frequency (MHz)	5270	5310	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	2.9376	3.1189	Limit ≤ 5 mW/MHz
Antenna Power (Rated) (mW/MHz)	3.12		-
Antenna Power Tolerance (%)	-5.85	-0.04	Limit + 20% ~ - 80%
EIRP (mW/MHz)	4.6559	4.9431	Limit ≤ 5 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH54



CH62



Test Mode:	IEEE 802.11ax(HE80) - W53

Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5290	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	1.4223	Limit ≤ 2.5 mW/MHz
Antenna Power (Rated) (mW/MHz)	1.42	-
Antenna Power Tolerance (%)	+0.16	Limit + 20% ~ - 80%
EIRP (mW/MHz)	2.2542	Limit ≤ 2.5 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH58



Test Mode:	IEEE 802.11ac(VHT160) - W52+W53

Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5250	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	0.6887	Limit ≤ 1.25 mW/MHz
Antenna Power (Rated) (mW/MHz)	0.69	-
Antenna Power Tolerance (%)	-0.19	Limit + 20% ~ - 80%
EIRP (mW/MHz)	1.0914	Limit ≤ 1.25 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH50



Test Mode:	IEEE 802.11ax(HE160) - W52+W53

Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5250	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	0.7228	Limit ≤ 1.25 mW/MHz
Antenna Power (Rated) (mW/MHz)	0.72	-
Antenna Power Tolerance (%)	+0.39	Limit + 20% ~ - 80%
EIRP (mW/MHz)	1.1455	Limit ≤ 1.25 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH50



Test Mode:	IEEE 802.11a - W56

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5700	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	9.8175	9.2683	9.1264	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	9.82			-
Antenna Power Tolerance (%)	-0.03	-5.62	-7.06	Limit + 50% ~ - 50%
EIRP (mW/MHz)	15.5597	14.6893	14.4644	Limit ≤ 50 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

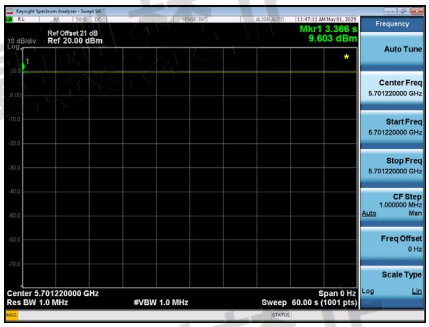
CH100



CH120



CH140



Test Mode:	IEEE 802.11ac(VHT20) - W56

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5700	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	9.1411	9.9312	9.2257	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	9.93			-
Antenna Power Tolerance (%)	-7.94	+0.01	-7.09	Limit + 50% ~ - 50%
EIRP (mW/MHz)	14.4877	15.7398	14.6218	Limit ≤ 50 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

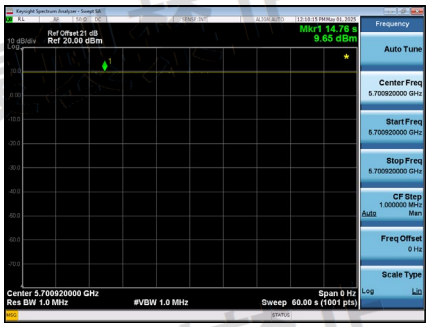
CH100



CH120



CH140



Test Mode:	IEEE 802.11ac(VHT40) - W56

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5510	5590	5670	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	4.6452	4.9774	4.7863	Limit ≤ 5 mW/MHz
Antenna Power (Rated) (mW/MHz)	4.98			-
Antenna Power Tolerance (%)	-6.72	-0.05	-3.89	Limit + 50% ~ - 50%
EIRP (mW/MHz)	7.3621	7.8886	7.5858	Limit ≤ 25 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

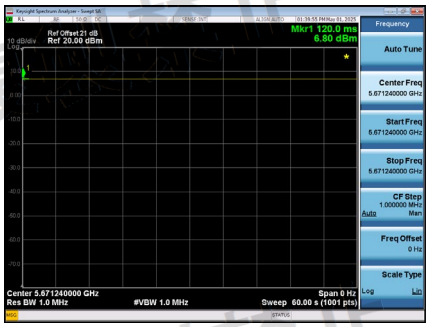
CH102



CH118



CH134



Test Mode:	IEEE 802.11ac(VHT80) - W56

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5530	5610		Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	2.2909	2.3741		Limit ≤ 2.5 mW/MHz
Antenna Power (Rated) (mW/MHz)	2.37			-
Antenna Power Tolerance (%)	-3.34	+0.17		Limit + 50% ~ - 50%
EIRP (mW/MHz)	3.6308	3.7627		Limit ≤ 12.5 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH106



CH122



Test Mode:	IEEE 802.11ac(VHT160) - W56

Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5570	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	1.1319	Limit ≤ 1.25 mW/MHz
Antenna Power (Rated) (mW/MHz)	1.13	-
Antenna Power Tolerance (%)	+0.17	Limit + 50% ~ - 50%
EIRP (mW/MHz)	1.7939	Limit ≤ 6.25 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH114



Test Mode:	IEEE 802.11ax(HE20) - W56

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5500	5600	5700	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	9.4842	9.4016	9.5940	Limit ≤ 10 mW/MHz
Antenna Power (Rated) (mW/MHz)	9.59			-
Antenna Power Tolerance (%)	-1.10	-1.96	+0.04	Limit + 50% ~ - 50%
EIRP (mW/MHz)	15.0314	14.9005	15.2055	Limit ≤ 50 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

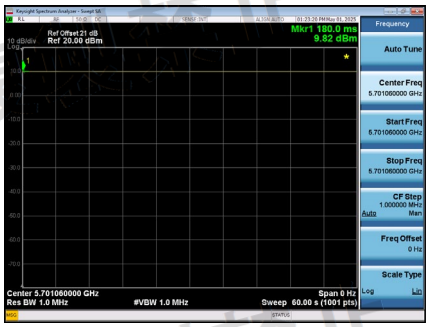
CH100



CH120



CH140



Test Mode:	IEEE 802.11ax(HE40) - W56

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5510	5590	5670	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	4.6666	4.5186	4.8641	Limit ≤ 5 mW/MHz
Antenna Power (Rated) (mW/MHz)	4.86			-
Antenna Power Tolerance (%)	-3.98	-7.02	+0.08	Limit + 50% ~ - 50%
EIRP (mW/MHz)	7.3961	7.1614	7.7090	Limit ≤ 25 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

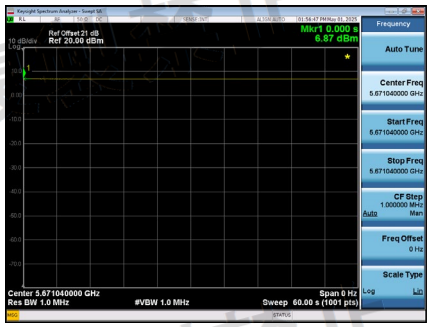
CH102



CH118



CH134

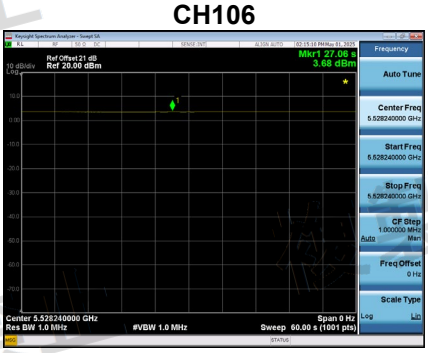


Test Mode:	IEEE 802.11ax(HE80) - W56

Test Voltage	Normal Voltage			Remarks
Test Frequency (MHz)	5530	5610		Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	2.3335	2.2824		Limit ≤ 2.5 mW/MHz
Antenna Power (Rated) (mW/MHz)	2.33			-
Antenna Power Tolerance (%)	+0.15	-2.04		Limit + 50% ~ - 50%
EIRP (mW/MHz)	3.6983	3.6174		Limit ≤ 12.5 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH106



CH122

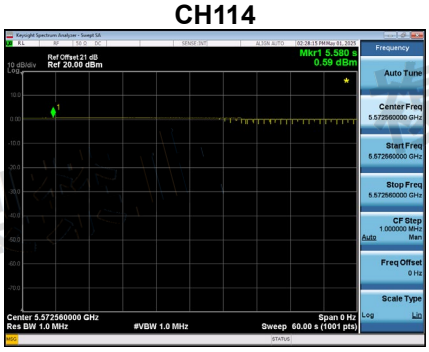


Test Mode:	IEEE 802.11ax(HE160) - W56

Test Voltage	Normal Voltage	Remarks
Test Frequency (MHz)	5570	Low/Mid/High of test frequency range
Antenna Power (Conducted) (mW/MHz)	1.1455	Limit ≤ 1.25 mW/MHz
Antenna Power (Rated) (mW/MHz)	1.15	-
Antenna Power Tolerance (%)	-0.39	Limit + 50% ~ - 50%
EIRP (mW/MHz)	1.8155	Limit ≤ 6.25 mW/MHz (With TPC)

Note:
1. Antenna power tolerance = (conducted antenna power - rated antenna power)/rated antenna power * 100%
2. EIRP (dBm/MHz) = conducted antenna power (dBm/MHz) + max. antenna gain (dBi)
3. Antenna Power value = SA measurement value (Include correction factor and cable loss)
   Correction factor = 10 log (X)
   X = the total number of antennas

CH114



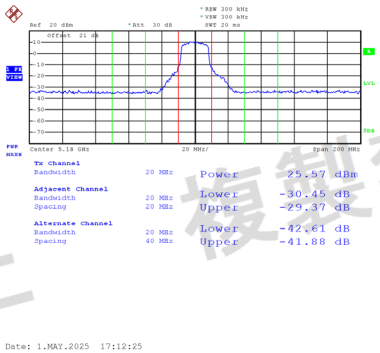
APPENDIX E - ADJACENT CHANNEL EMITTED POWER

複製禁止

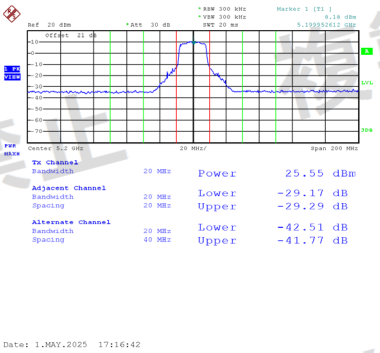
Test Mode:	IEEE 802.11a - W52

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5180	5200	5240	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	30.45	29.17	39.28	dB	Limit ≥ 25 dB
	+20	29.37	29.29	39.02	dB	Limit ≥ 25 dB
	-40	42.61	42.51	41.34	dB	Limit ≥ 40 dB
	+40	41.88	41.77	41.59	dB	Limit ≥ 40 dB

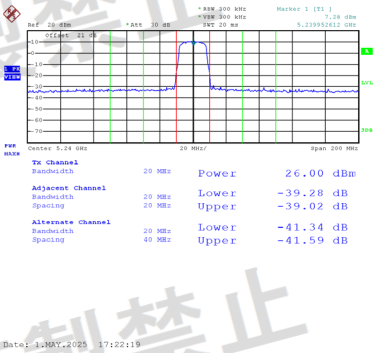
CH36



CH40



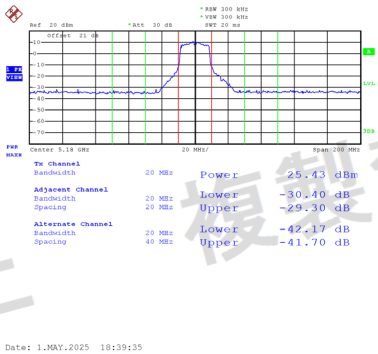
CH48



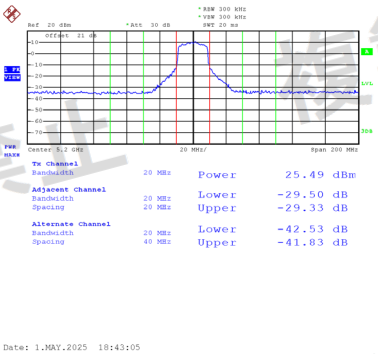
Test Mode:	IEEE 802.11ac(VHT20) - W52

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5180	5200	5240	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	30.40	29.50	38.42	dB	Limit ≥ 25 dB
	+20	29.30	29.33	37.52	dB	Limit ≥ 25 dB
	-40	42.17	42.53	41.11	dB	Limit ≥ 40 dB
	+40	41.70	41.83	41.26	dB	Limit ≥ 40 dB

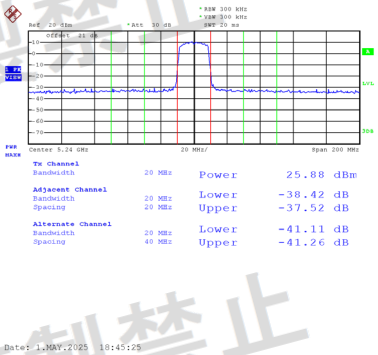
CH36



CH40



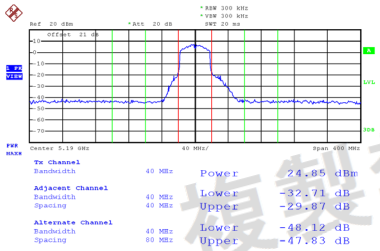
CH48



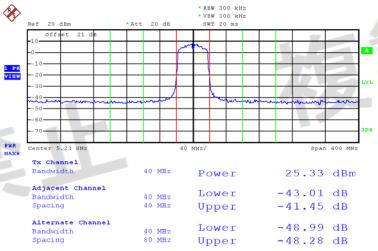
Test Mode:	IEEE 802.11ac(VHT40) - W52

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5190	5230	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-40	32.71	43.01	dB	Limit ≥ 25 dB
	+40	29.87	41.45	dB	Limit ≥ 25 dB
	-80	48.12	48.99	dB	Limit ≥ 40 dB
	+80	47.83	48.28	dB	Limit ≥ 40 dB

CH38



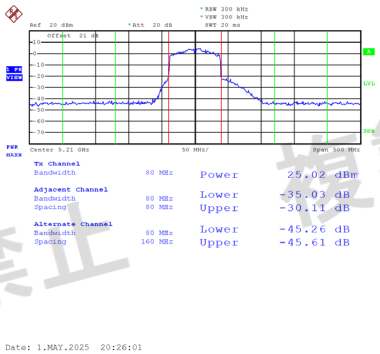
CH46



Test Mode:	IEEE 802.11ac(VHT80) - W52

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5210	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-80	35.03	dB	Limit ≥ 25 dB
	+80	30.11	dB	Limit ≥ 25 dB

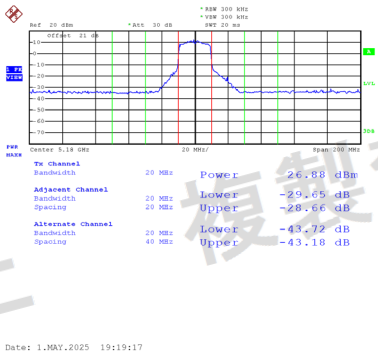
CH42



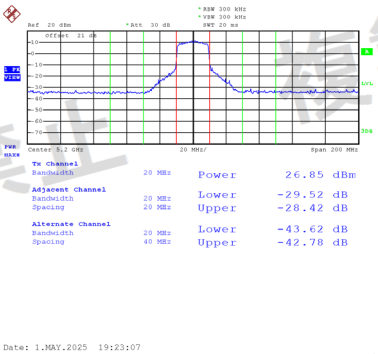
Test Mode:	IEEE 802.11ax(HE20) - W52

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5180	5200	5240	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	29.65	29.52	38.70	dB	Limit ≥ 25 dB
	+20	28.66	28.42	38.32	dB	Limit ≥ 25 dB
	-40	43.72	43.62	42.51	dB	Limit ≥ 40 dB
	+40	43.18	42.78	42.60	dB	Limit ≥ 40 dB

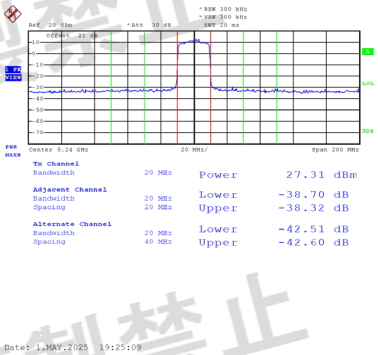
CH36



CH40



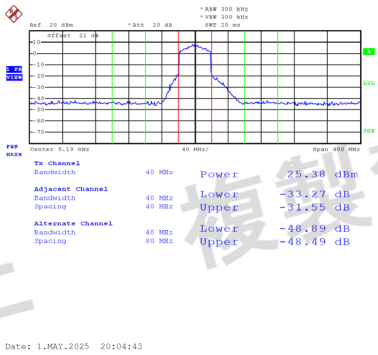
CH48



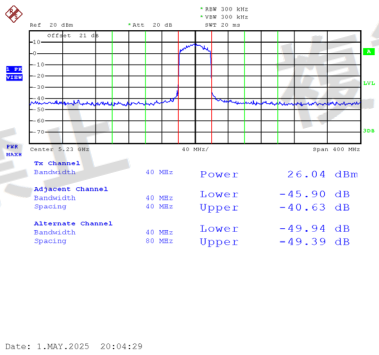
Test Mode:	IEEE 802.11ax(HE40) - W52

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5190	5230	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-40	33.27	45.90	dB	Limit ≥ 25 dB
	+40	31.55	40.63	dB	Limit ≥ 25 dB
	-80	48.89	49.94	dB	Limit ≥ 40 dB
	+80	48.49	49.39	dB	Limit ≥ 40 dB

CH38



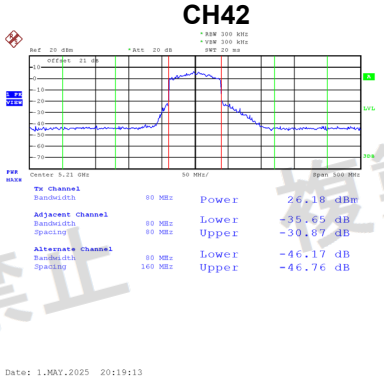
CH46



Test Mode:	IEEE 802.11ax(HE80) - W52

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5210	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-80	35.65	dB	Limit ≥ 25 dB
	+80	30.87	dB	Limit ≥ 25 dB

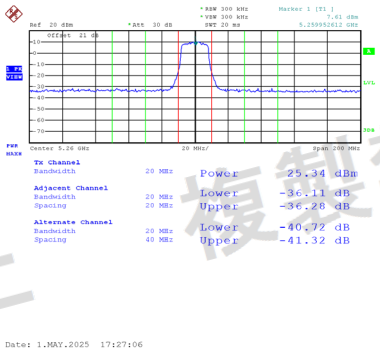
CH42



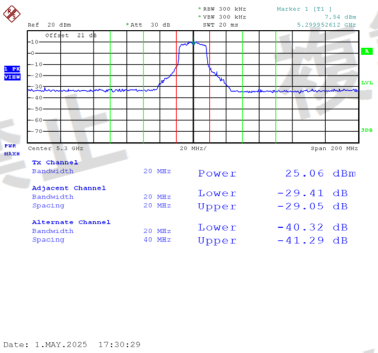
Test Mode:	IEEE 802.11a - W53

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5260	5300	5320	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	36.11	29.41	28.41	dB	Limit ≥ 25 dB
	+20	36.28	29.05	29.40	dB	Limit ≥ 25 dB
	-40	40.72	40.32	40.57	dB	Limit ≥ 40 dB
	+40	41.32	41.29	41.09	dB	Limit ≥ 40 dB

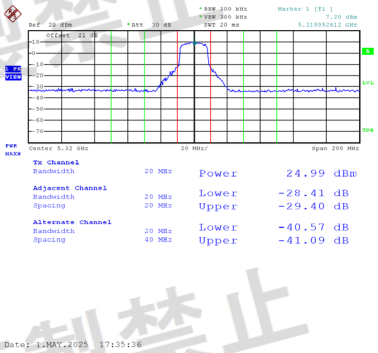
CH52



CH60



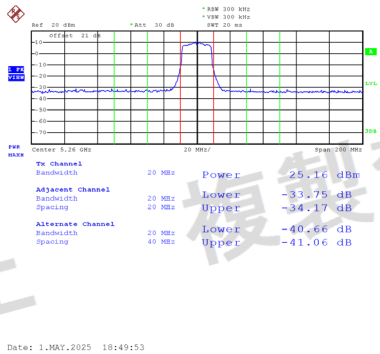
CH64



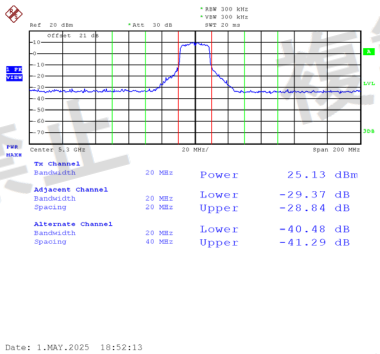
Test Mode:	IEEE 802.11ac(VHT20) - W53

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5260	5300	5320	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	33.75	29.37	29.25	dB	Limit ≥ 25 dB
	+20	34.17	28.84	30.39	dB	Limit ≥ 25 dB
	-40	40.66	40.48	40.74	dB	Limit ≥ 40 dB
	+40	41.06	41.29	41.42	dB	Limit ≥ 40 dB

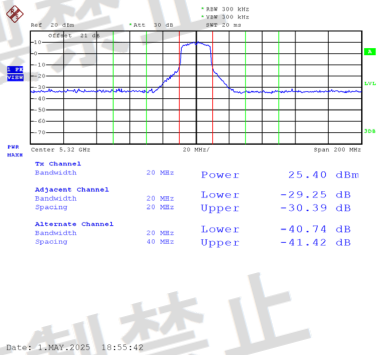
CH52



CH60



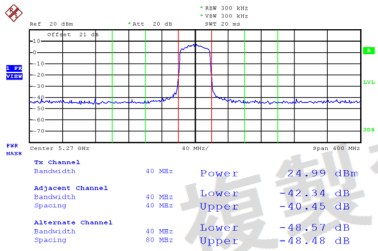
CH64



Test Mode:	IEEE 802.11ac(VHT40) - W53

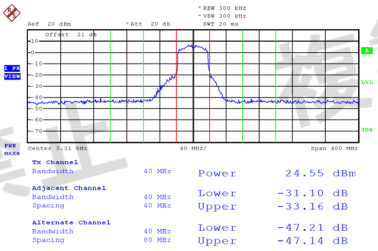
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5270	5310	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-40	42.34	31.10	dB	Limit ≥ 25 dB
	+40	40.45	33.16	dB	Limit ≥ 25 dB
	-80	48.57	47.21	dB	Limit ≥ 40 dB
	+80	48.48	47.14	dB	Limit ≥ 40 dB

CH54



Date: 1.MAY.2025 19:56:07

CH62

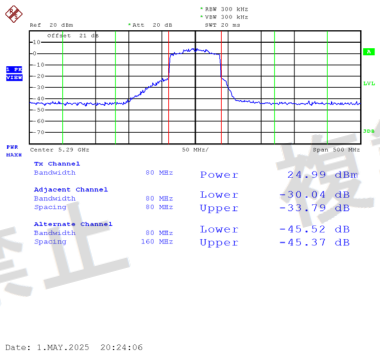


Date: 1.MAY.2025 19:57:03

Test Mode:	IEEE 802.11ac(VHT80) - W53

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5290	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-80	30.04	dB	Limit ≥ 25 dB
	+80	33.79	dB	Limit ≥ 25 dB

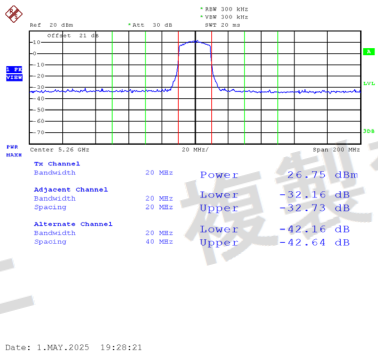
CH58



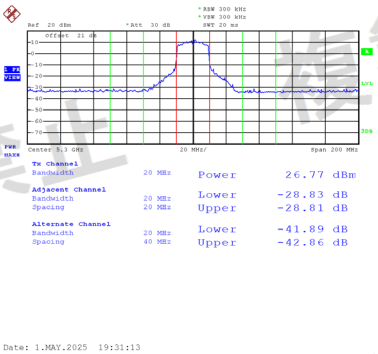
Test Mode:	IEEE 802.11ax(HE20) - W53

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5260	5300	5320	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	32.16	28.83	29.03	dB	Limit ≥ 25 dB
	+20	32.73	28.81	29.48	dB	Limit ≥ 25 dB
	-40	42.16	41.89	42.15	dB	Limit ≥ 40 dB
	+40	42.64	42.86	42.75	dB	Limit ≥ 40 dB

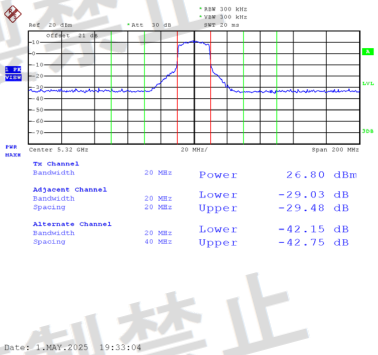
CH52



CH60



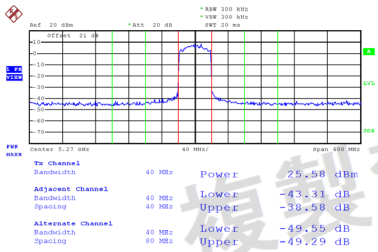
CH64



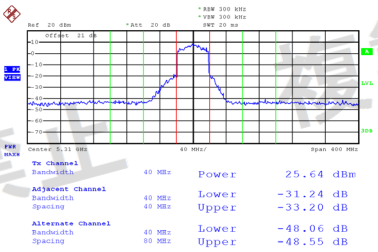
Test Mode:	IEEE 802.11ax(HE40) - W53

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5270	5310	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-40	43.31	31.24	dB	Limit ≥ 25 dB
	+40	38.58	33.20	dB	Limit ≥ 25 dB
	-80	49.55	48.06	dB	Limit ≥ 40 dB
	+80	49.29	48.55	dB	Limit ≥ 40 dB

CH54



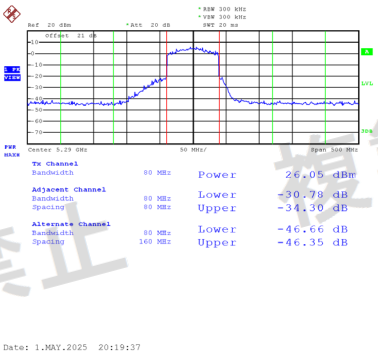
CH62



Test Mode:	IEEE 802.11ax(HE80) - W53

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5290	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-80	30.78	dB	Limit ≥ 25 dB
	+80	34.30	dB	Limit ≥ 25 dB

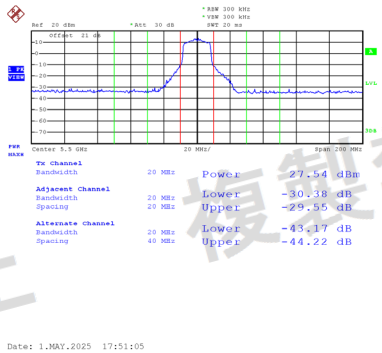
CH58



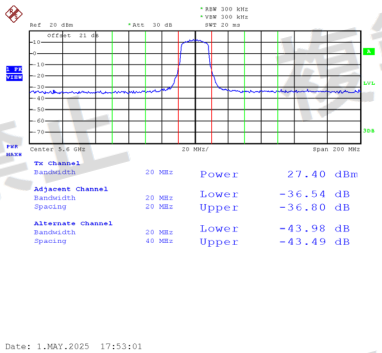
Test Mode:	IEEE 802.11a - W56

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5500	5600	5700	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	30.38	36.54	28.56	dB	Limit ≥ 25 dB
	+20	29.55	36.80	31.62	dB	Limit ≥ 25 dB
	-40	43.17	43.98	43.41	dB	Limit ≥ 40 dB
	+40	44.22	43.49	44.26	dB	Limit ≥ 40 dB

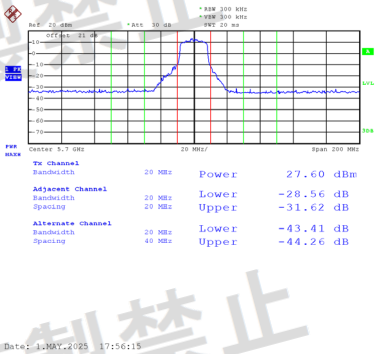
CH100



CH120



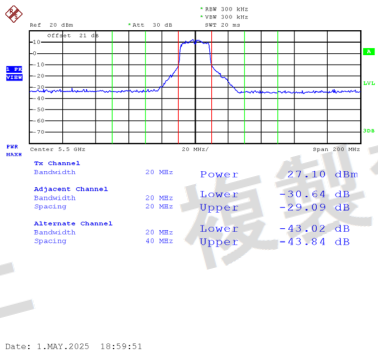
CH140



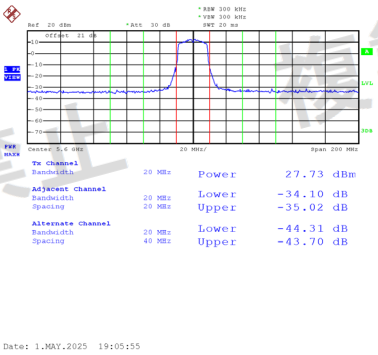
Test Mode:	IEEE 802.11ac(VHT20) - W56

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5500	5600	5700	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	30.64	34.10	28.98	dB	Limit ≥ 25 dB
	+20	29.09	35.02	30.75	dB	Limit ≥ 25 dB
	-40	43.02	44.31	43.17	dB	Limit ≥ 40 dB
	+40	43.84	43.70	44.06	dB	Limit ≥ 40 dB

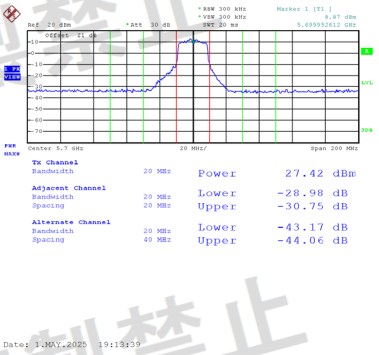
CH100



CH120



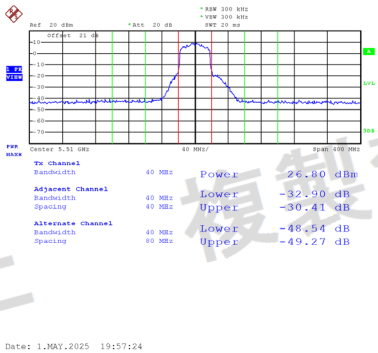
CH140



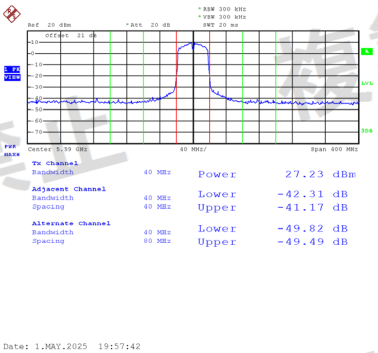
Test Mode:	IEEE 802.11ac(VHT40) - W56

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5510	5590	5670	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-40	32.90	42.31	30.61	dB	Limit ≥ 25 dB
	+40	30.41	41.17	30.63	dB	Limit ≥ 25 dB
	-80	48.54	49.82	49.10	dB	Limit ≥ 40 dB
	+80	49.27	49.49	49.46	dB	Limit ≥ 40 dB

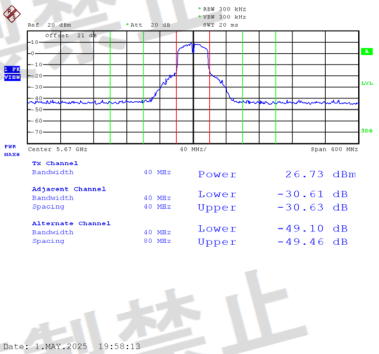
CH102



CH118



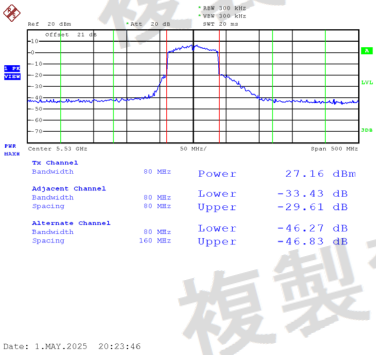
CH134



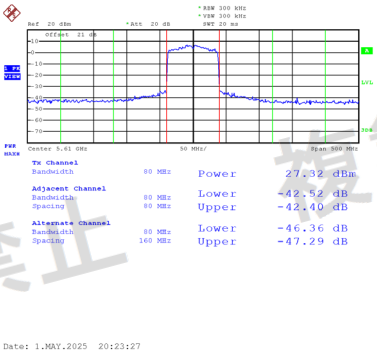
Test Mode:	IEEE 802.11ac(VHT80) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5530	5610	-	Low/Mid/High of test frequency range
Adjacent Channel	-80	33.43	42.52	dB	Limit ≥ 25 dB
Emitted Power	+80	29.61	42.40	dB	Limit ≥ 25 dB

CH106



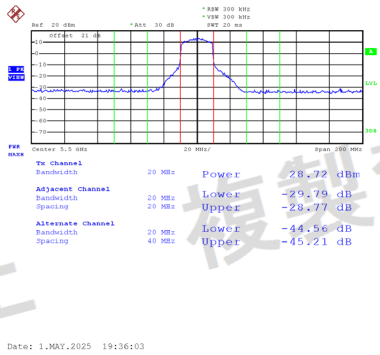
CH122



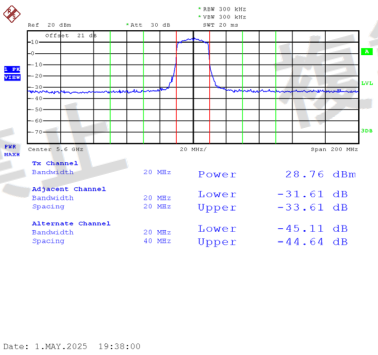
Test Mode:	IEEE 802.11ax(HE20) - W56

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5500	5600	5700	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-20	29.79	31.61	28.44	dB	Limit ≥ 25 dB
	+20	28.77	33.61	29.87	dB	Limit ≥ 25 dB
	-40	44.56	45.11	44.94	dB	Limit ≥ 40 dB
	+40	45.21	44.64	45.45	dB	Limit ≥ 40 dB

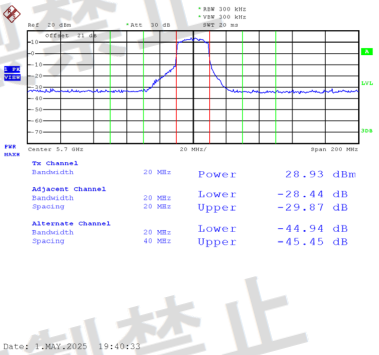
CH100



CH120



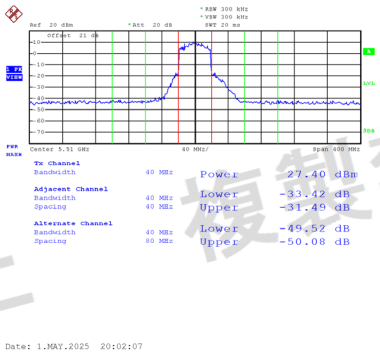
CH140



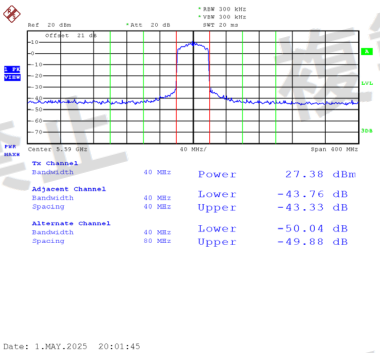
Test Mode:	IEEE 802.11ax(HE40) - W56

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5510	5590	5670	-	Low/Mid/High of test frequency range
Adjacent Channel Emitted Power	-40	33.42	43.76	31.35	dB	Limit ≥ 25 dB
	+40	31.49	43.33	31.16	dB	Limit ≥ 25 dB
	-80	49.52	50.04	50.07	dB	Limit ≥ 40 dB
	+80	50.08	49.88	50.86	dB	Limit ≥ 40 dB

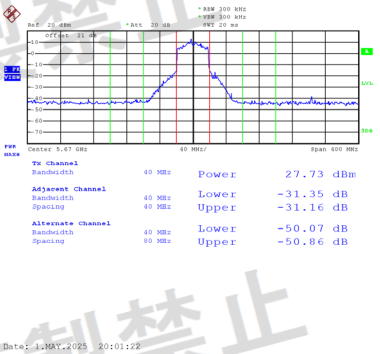
CH102



CH118



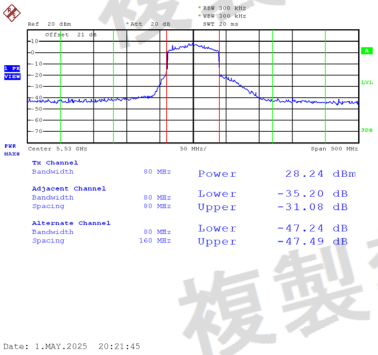
CH134



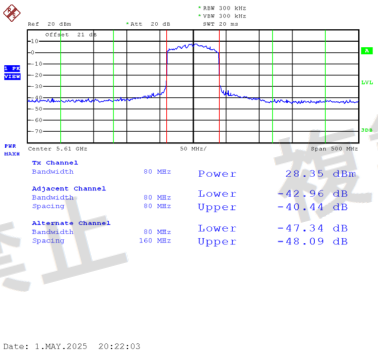
Test Mode:	IEEE 802.11ax(HE80) - W56

Test Voltage		Normal Voltage				Remarks
Test Frequency (MHz)		5530	5610		-	Low/Mid/High of test frequency range
Adjacent Channel	-80	35.20	42.96		dB	Limit ≥ 25 dB
Emitted Power	+80	31.08	40.44		dB	Limit ≥ 25 dB

CH106



CH122



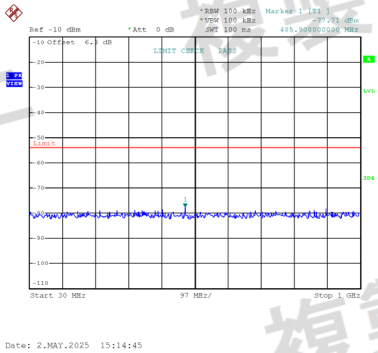
APPENDIX F - LIMITATION OF COLLATERAL EMISSION OF RECEIVER

Test Mode:	IEEE 802.11a - W52

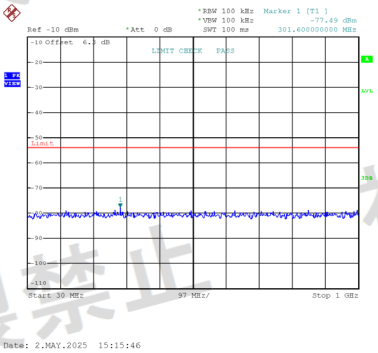
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	485.90	301.60	891.36	Limit ≤ 4 nW (-54 dBm)
	nW	0.0169	0.0178	0.0161	
	MHz	25400.00	26000.00	26000.00	Limit ≤ 20 nW (-47 dBm)
	nW	2.4660	1.8836	1.8880	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

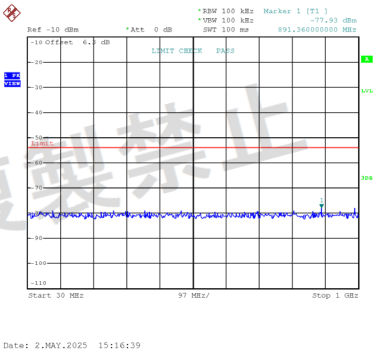
CH36



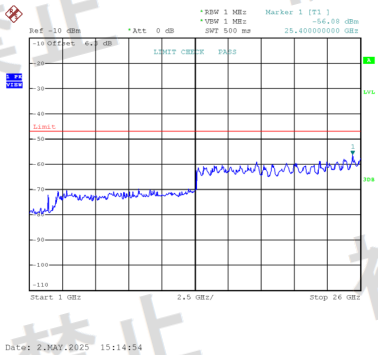
CH40
f < 1GHz

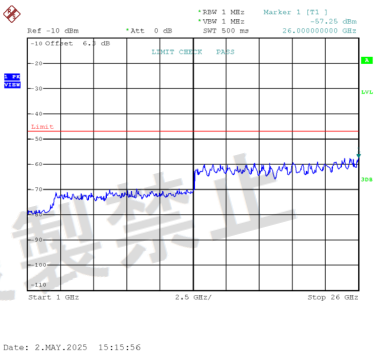


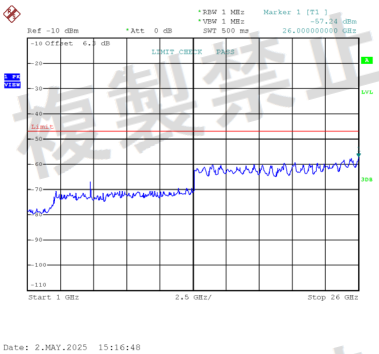
CH48



f ≥ 1GHz





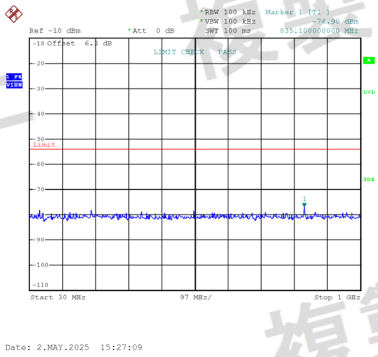


Test Mode:	IEEE 802.11ac(VHT20) - W52

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	835.10	286.08	289.96	Limit ≤ 4 nW (-54 dBm)
	nW	0.0204	0.0196	0.0140	
	MHz	26000.00	24950.00	25950.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.8072	1.7061	1.9543	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

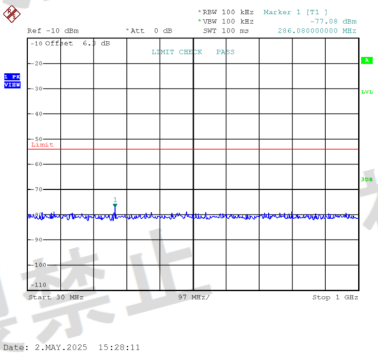
CH36



Date: 2.MAY.2025 15:27:09

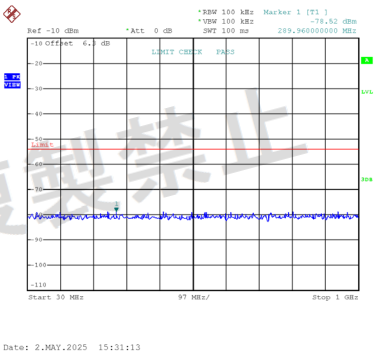
CH40

f < 1GHz



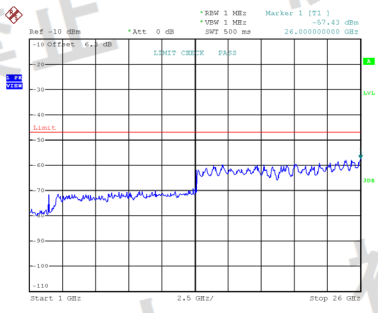
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CH48

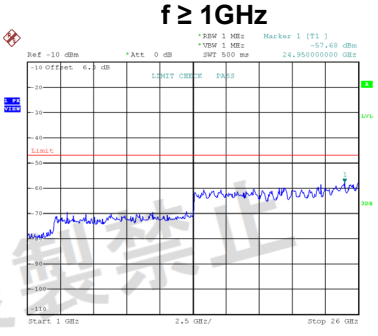


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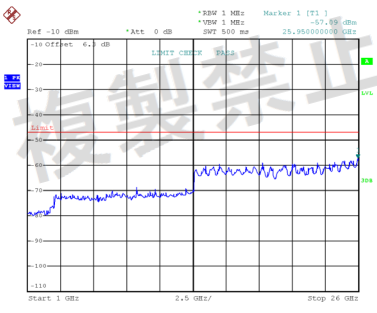
f ≥ 1GHz



Date: 2.MAY.2025 15:27:18



Date: 2.MAY.2025 15:28:20



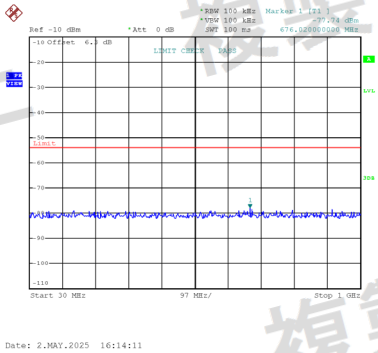
Date: 2.MAY.2025 15:31:22

Test Mode:	IEEE 802.11ac(VHT40) - W52

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5190	5230	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	676.02	835.10	Limit ≤ 4 nW (-54 dBm)
	nW	0.0168	0.0946	
	MHz	25400.00	25400.00	Limit ≤ 20 nW (-47 dBm)
	nW	2.0654	1.7539	

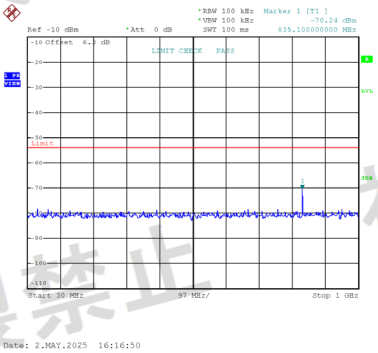
Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

CH38

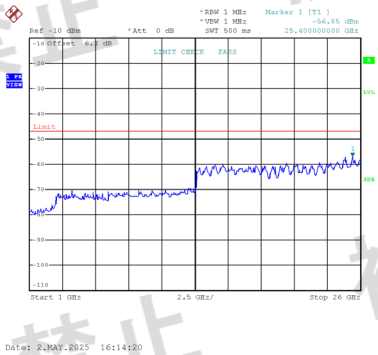


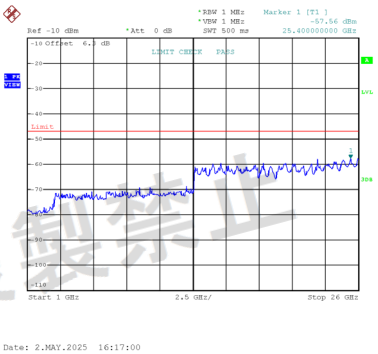
CH46

f < 1GHz



f ≥ 1GHz



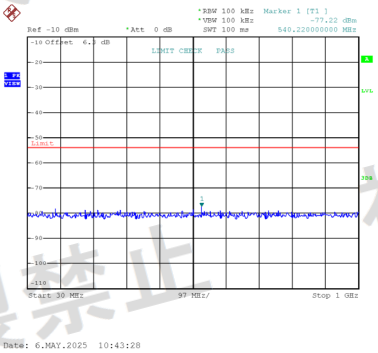


Test Mode:	IEEE 802.11ac(VHT80) - W52

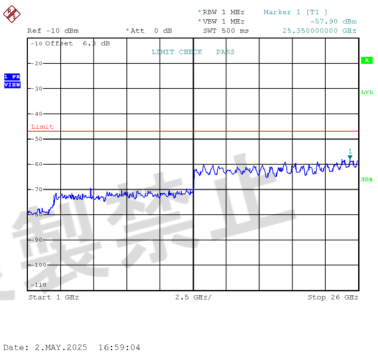
Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5210	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	540.22	Limit ≤ 4 nW (-54 dBm)
	nW	0.0190	
	MHz	25350.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.6218	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

CH42
f < 1GHz



f ≥ 1GHz

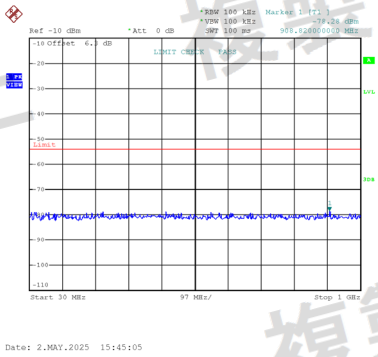


Test Mode:	IEEE 802.11ax(HE20) - W52

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test frequency range
Limitation of Collateral	MHz	908.82	823.46	439.34	Limit ≤ 4 nW (-54 dBm)
	nW	0.0149	0.0138	0.0157	
Emission of Receiver	MHz	24750.00	25950.00	24950.00	Limit ≤ 20 nW (-47 dBm)
	nW	2.0797	1.5488	1.7140	

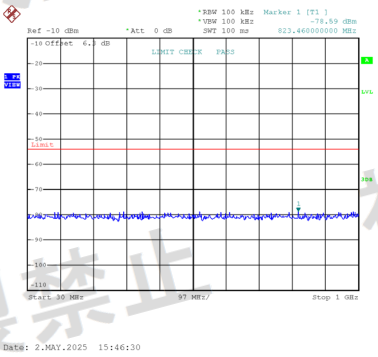
Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

CH36

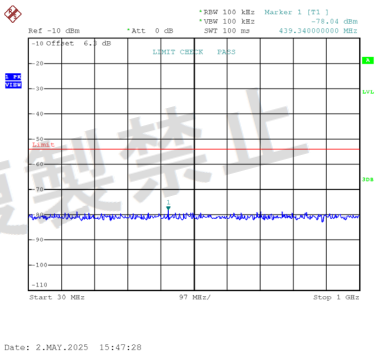


CH40

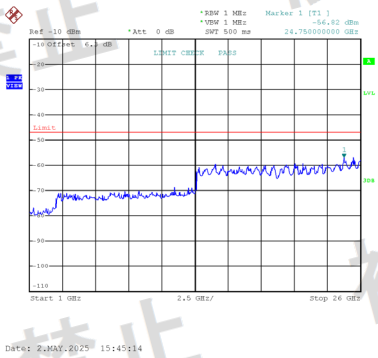
f < 1GHz

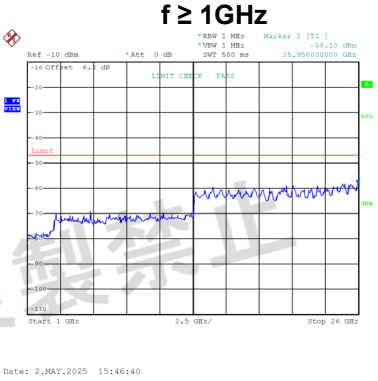


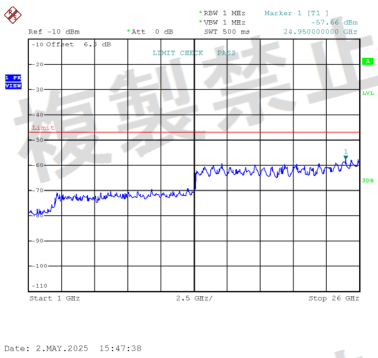
CH48



f ≥ 1GHz





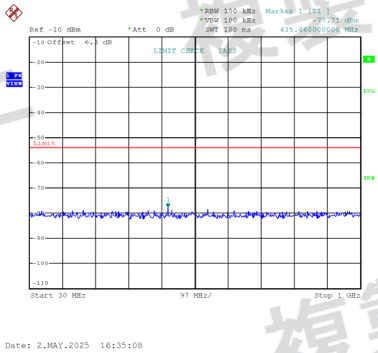


Test Mode:	IEEE 802.11ax(HE40) - W52

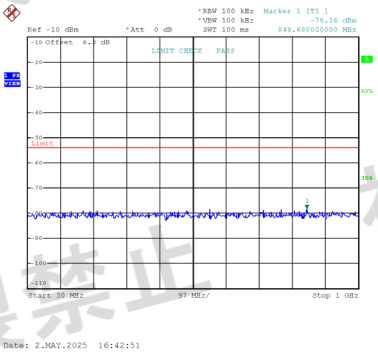
Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5190	5230	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	435.46	848.68	Limit ≤ 4 nW (-54 dBm)
	nW	0.0170	0.0153	
	MHz	26000.00	25300.00	Limit ≤ 20 nW (-47 dBm)
	nW	2.1979	1.7906	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

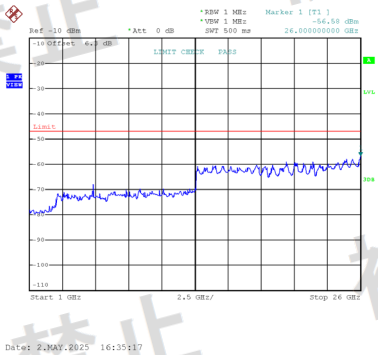
CH38

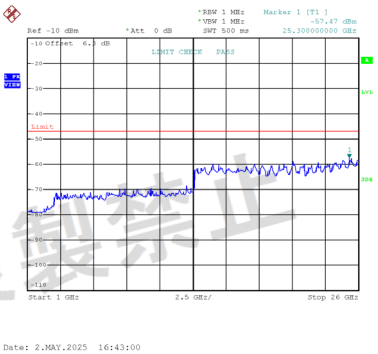


CH46
f < 1GHz



f ≥ 1GHz



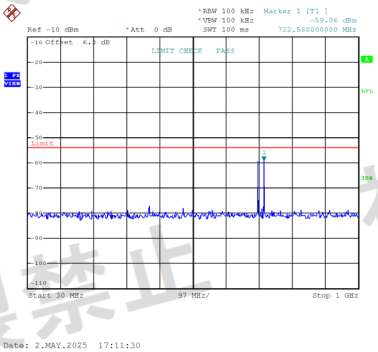


Test Mode:	IEEE 802.11ax(HE80) - W52

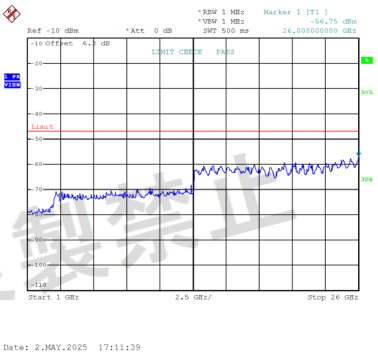
Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5210	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	722.58	Limit ≤ 4 nW (-54 dBm)
	nW	1.2428	
	MHz	26000.00	Limit ≤ 20 nW (-47 dBm)
	nW	2.1135	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

CH42
f < 1GHz



f ≥ 1GHz

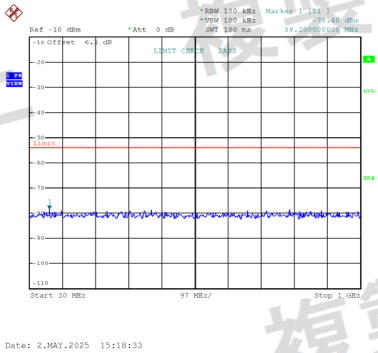


Test Mode:	IEEE 802.11a - W53

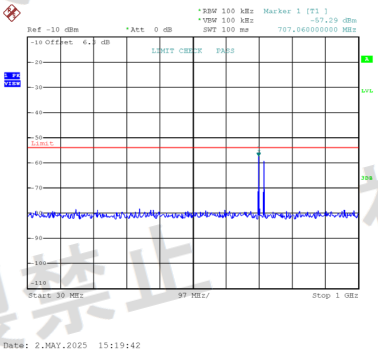
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5260	5300	5320	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	88.20	707.06	720.64	Limit ≤ 4 nW (-54 dBm)
	nW	0.0144	1.8675	0.1235	
	MHz	25400.00	24850.00	26000.00	Limit ≤ 20 nW (-47 dBm)
	nW	2.1038	1.9498	2.0845	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

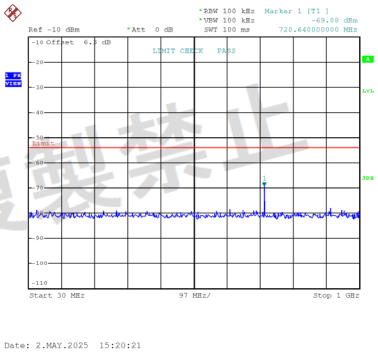
CH52



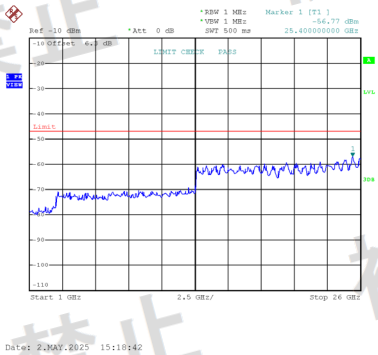
CH60
f < 1GHz

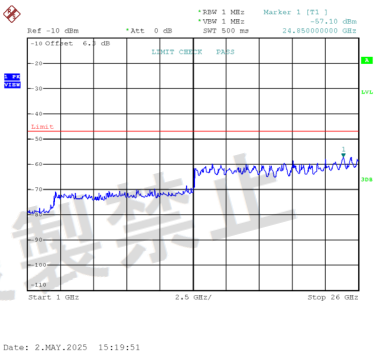


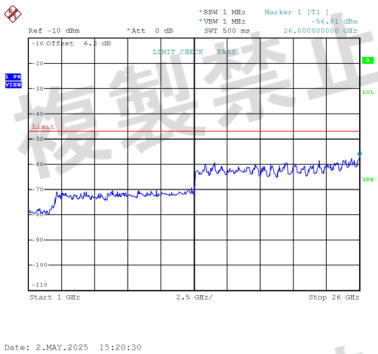
CH64



f ≥ 1GHz





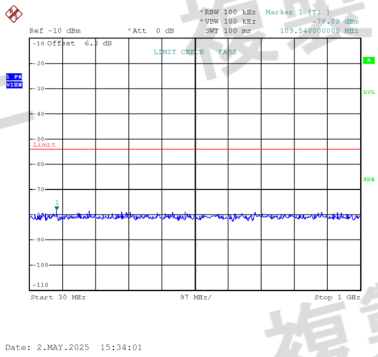


Test Mode:	IEEE 802.11ac(VHT20) - W53

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5260	5300	5320	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	109.54	741.98	586.78	Limit ≤ 4 nW (-54 dBm)
	nW	0.0155	0.0150	0.0169	
	MHz	24800.00	26000.00	26000.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.7061	2.0941	1.7989	

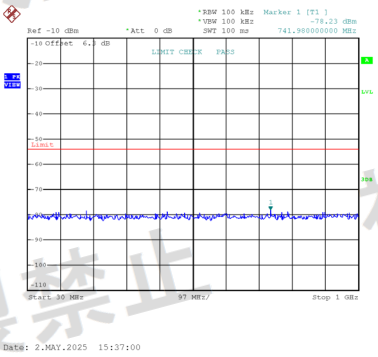
Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

CH52

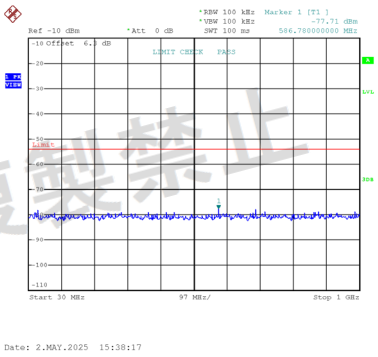


CH60

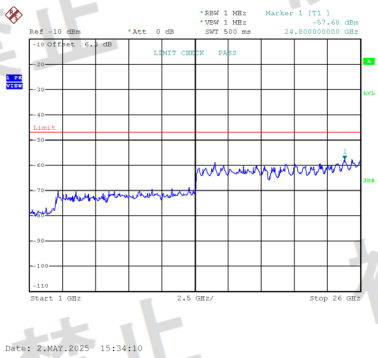
f < 1GHz

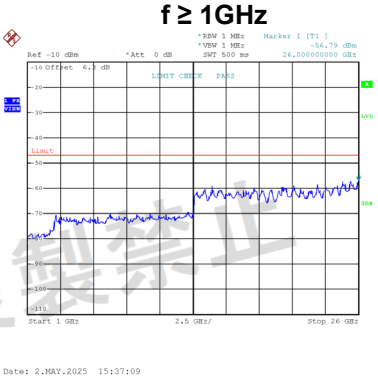


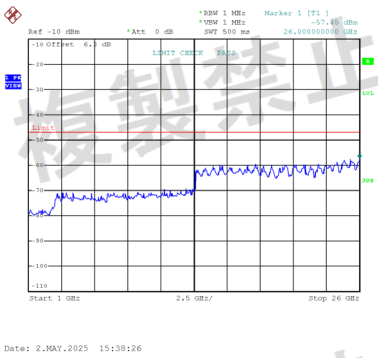
CH64



f ≥ 1GHz





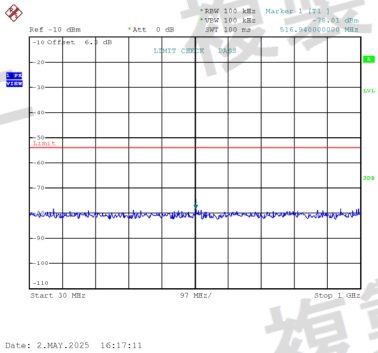


Test Mode:	IEEE 802.11ac(VHT40) - W53

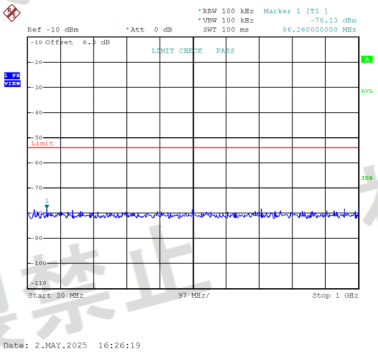
Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5270	5310	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	516.94	86.26	Limit ≤ 4 nW (-54 dBm)
	nW	0.0158	0.0154	
	MHz	25350.00	26000.00	Limit ≤ 20 nW (-47 dBm)
	nW	2.1232	1.6444	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

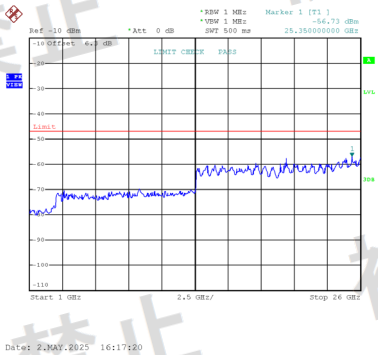
CH54

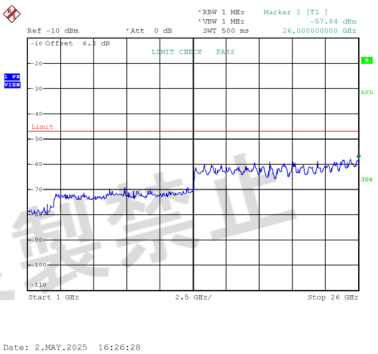


CH62
f < 1GHz



f ≥ 1GHz



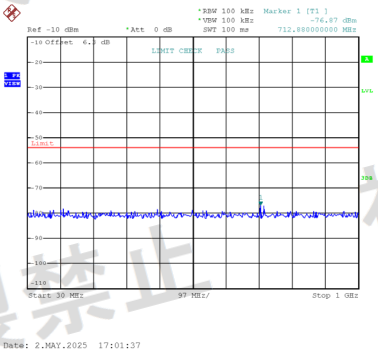


Test Mode:	IEEE 802.11ac(VHT80) - W53

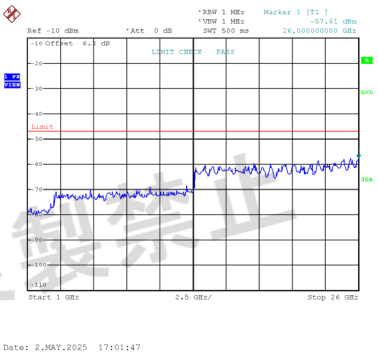
Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5290	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	712.88	Limit ≤ 4 nW (-54 dBm)
	nW	0.0206	
	MHz	26000.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.7338	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

CH58
f < 1GHz



f ≥ 1GHz

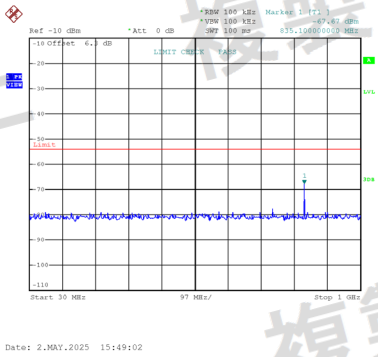


Test Mode:	IEEE 802.11ax(HE20) - W53

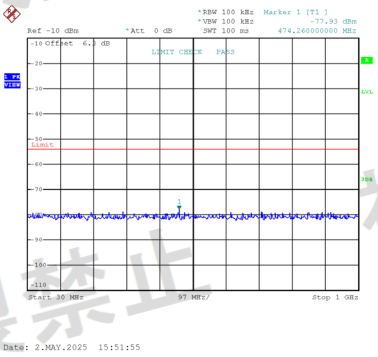
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5260	5300	5320	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	835.10	474.26	825.40	Limit ≤ 4 nW (-54 dBm)
	nW	0.1710	0.0161	0.0134	
	MHz	25350.00	26000.00	26000.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.8155	2.1677	2.3442	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

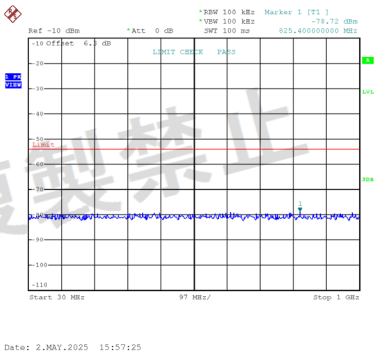
CH52



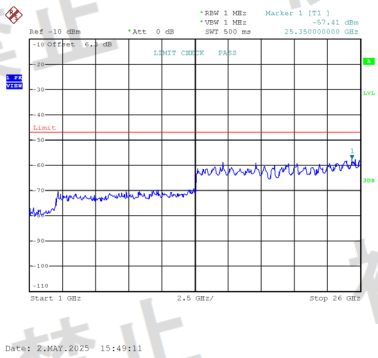
CH60
f < 1GHz

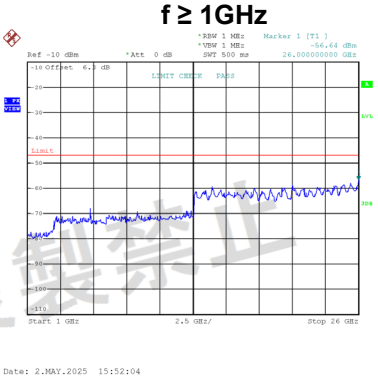


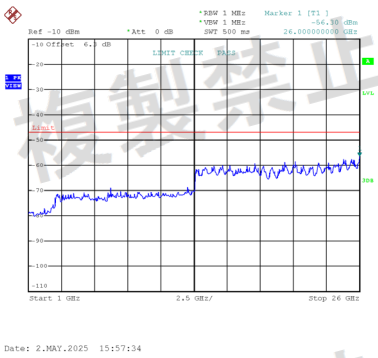
CH64



f ≥ 1GHz





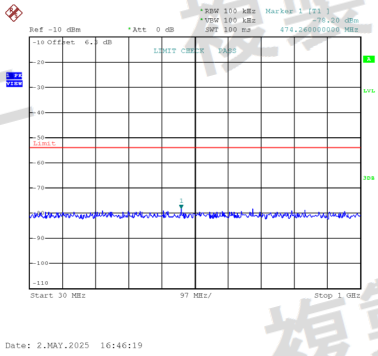


Test Mode:	IEEE 802.11ax(HE40) - W53

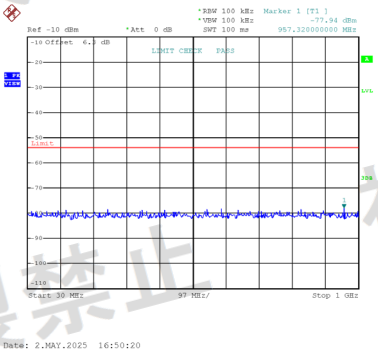
Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5270	5310	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	474.26	957.32	Limit ≤ 4 nW (-54 dBm)
	nW	0.0151	0.0161	
	MHz	24850.00	25950.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.7298	1.5996	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

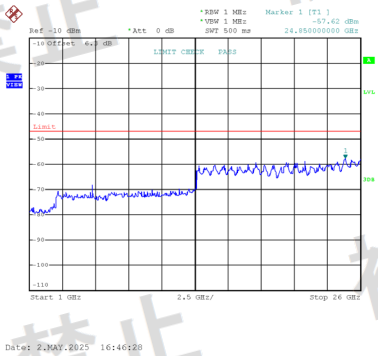
CH54

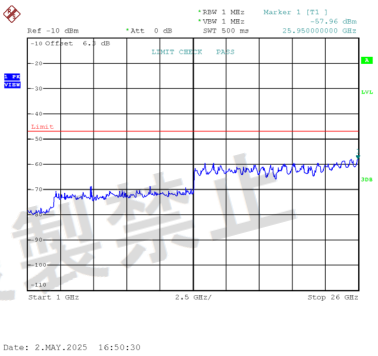


CH62
f < 1GHz



f ≥ 1GHz



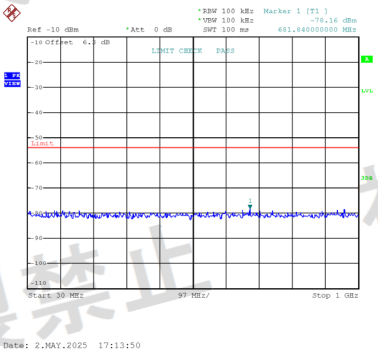


Test Mode:	IEEE 802.11ax(HE80) - W53

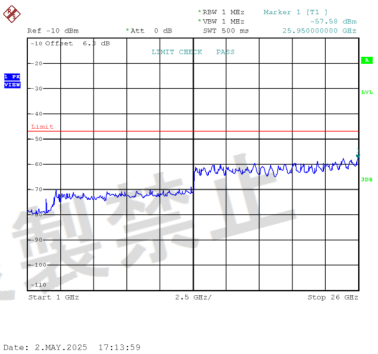
Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5290	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	681.84	Limit ≤ 4 nW (-54 dBm)
	nW	0.0153	
	MHz	25950.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.7458	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

CH58
f < 1GHz



f ≥ 1GHz

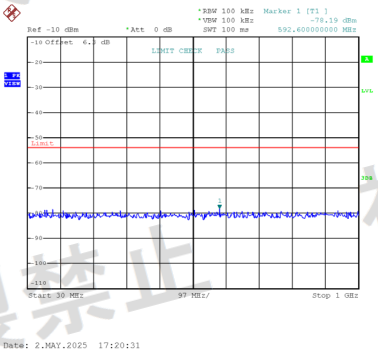


Test Mode:	IEEE 802.11ac(VHT160) - W52+W53

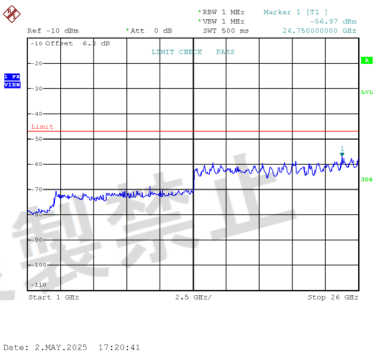
Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5250	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	592.60	Limit ≤ 4 nW (-54 dBm)
	nW	0.0152	
	MHz	24750.00	Limit ≤ 20 nW (-47 dBm)
	nW	2.0091	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

CH50
f < 1GHz



f ≥ 1GHz

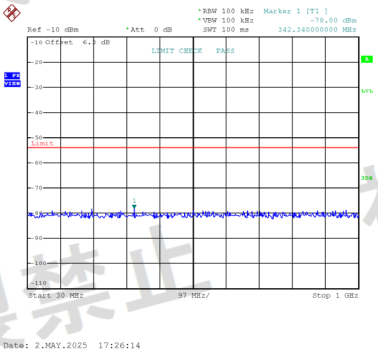


Test Mode:	IEEE 802.11ax(HE160) - W52+W53

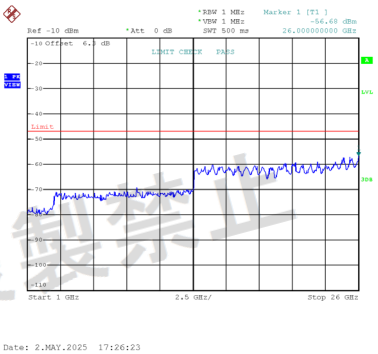
Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5250	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	342.34	Limit ≤ 4 nW (-54 dBm)
	nW	0.0158	
	MHz	26000.00	Limit ≤ 20 nW (-47 dBm)
	nW	2.1478	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

CH50
f < 1GHz



f ≥ 1GHz

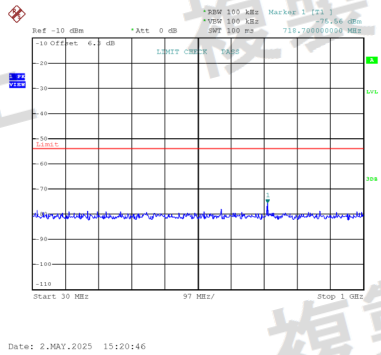


Test Mode:	IEEE 802.11a - W56

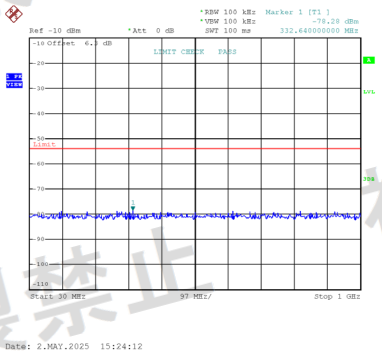
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5500	5600	5700	Low/Mid/High of test frequency range
Limitation of Collateral	MHz	718.70	332.64	970.90	Limit ≤ 4 nW (-54 dBm)
	nW	0.0278	0.0149	0.0151	
Emission of Receiver	MHz	26000.00	26000.00	25400.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.9953	2.1184	1.7783	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

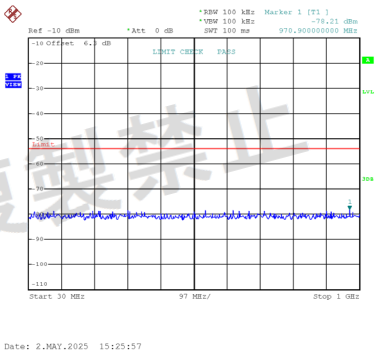
CH100



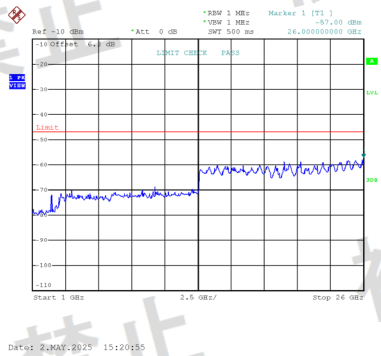
CH120
f < 1GHz

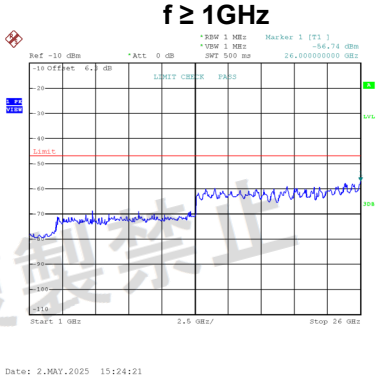


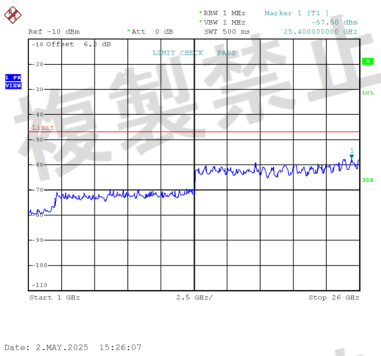
CH140



f ≥ 1GHz





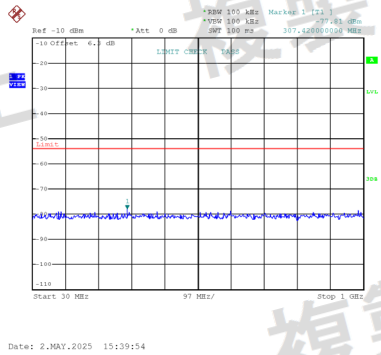


Test Mode:	IEEE 802.11ac(VHT20) - W56

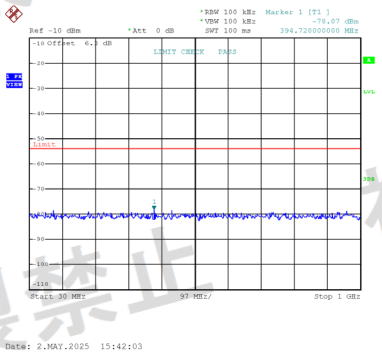
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5500	5600	5700	Low/Mid/High of test frequency range
Limitation of Collateral	MHz	307.42	394.72	947.62	Limit ≤ 4 nW (-54 dBm)
	nW	0.0166	0.0156	0.0158	
Emission of Receiver	MHz	26000.00	26000.00	24850.00	Limit ≤ 20 nW (-47 dBm)
	nW	2.0845	1.7783	1.8197	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

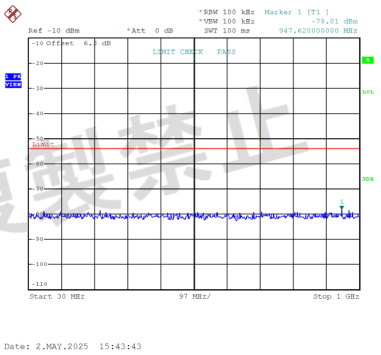
CH100



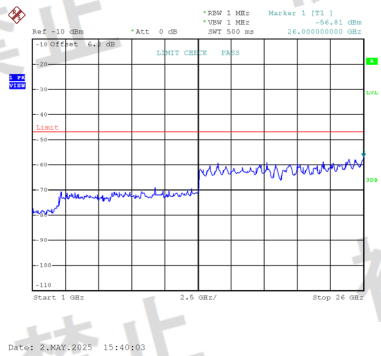
CH120
f < 1GHz

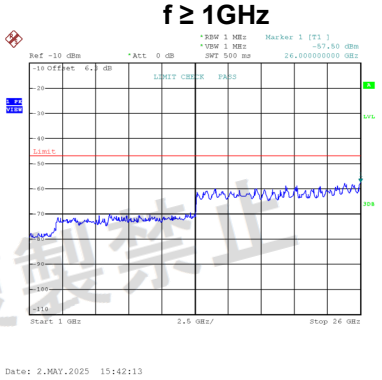


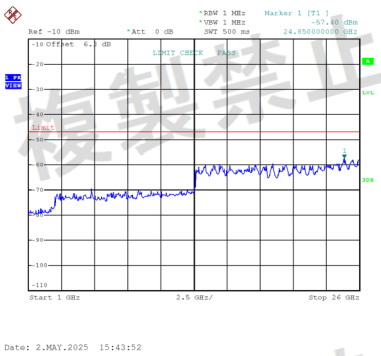
CH140



f ≥ 1GHz





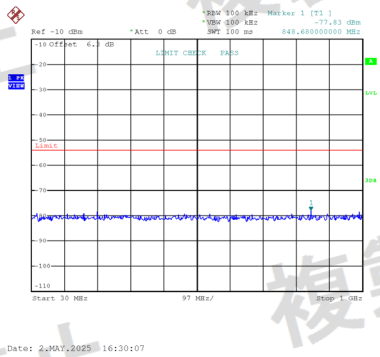


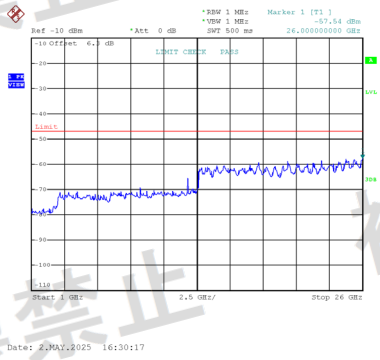
Test Mode:	IEEE 802.11ac(VHT40) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5510	5590	5670	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	848.68	899.12	483.96	Limit ≤ 4 nW (-54 dBm)
	nW	0.0165	0.0133	0.0152	
	MHz	26000.00	25450.00	26000.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.7620	2.2182	2.0512	

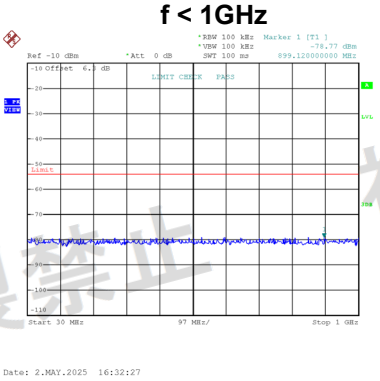
Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

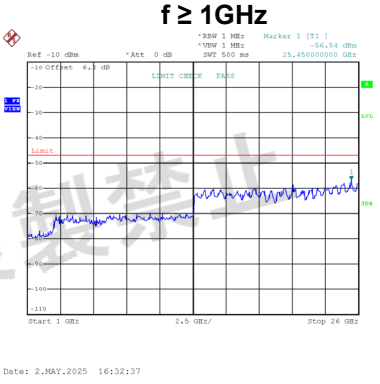
CH102



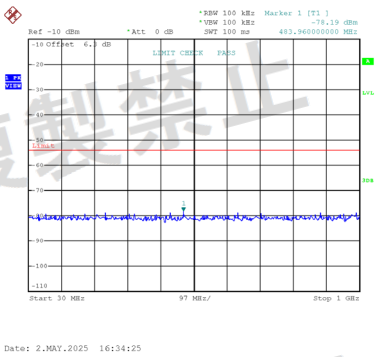


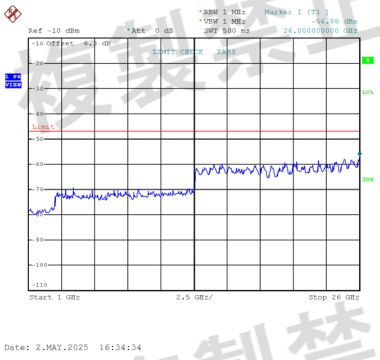
CH118
f < 1GHz





CH134





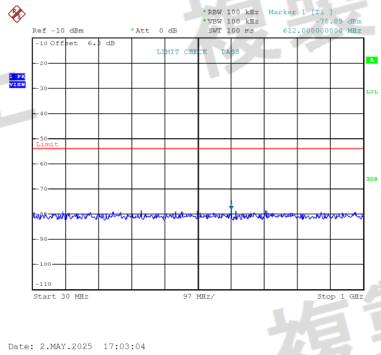
f ≥ 1GHz

Test Mode:	IEEE 802.11ac(VHT80) - W56

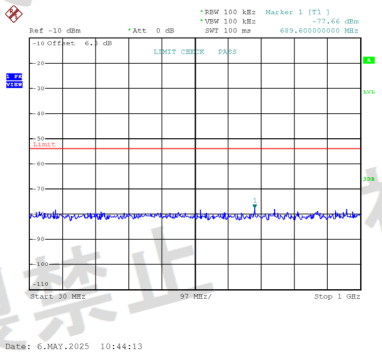
Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5530	5610	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	612.00	689.60	Limit ≤ 4 nW (-54 dBm)
	nW	0.0155	0.0171	
	MHz	26000.00	25950.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.6672	1.9588	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

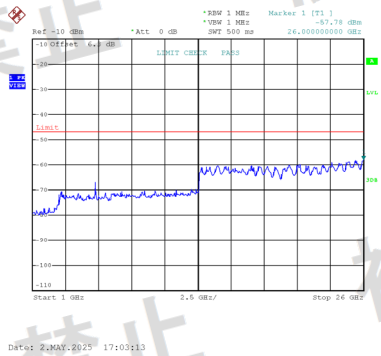
CH106

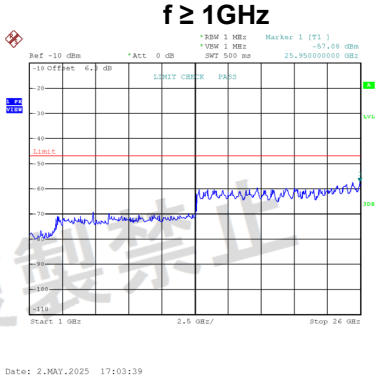


CH122
f < 1GHz



f ≥ 1GHz



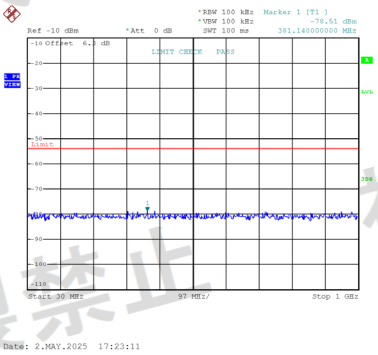


Test Mode:	IEEE 802.11ac(VHT160) - W56

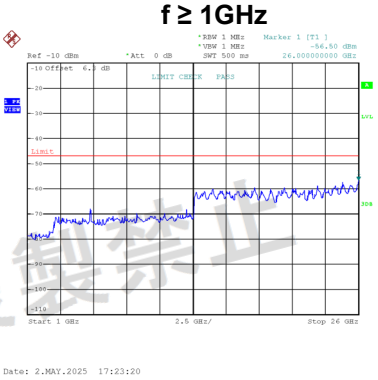
Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5570	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	381.14	Limit ≤ 4 nW (-54 dBm)
	nW	0.0141	
	MHz	26000.00	Limit ≤ 20 nW (-47 dBm)
	nW	2.2387	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

CH114
f < 1GHz



f ≥ 1GHz

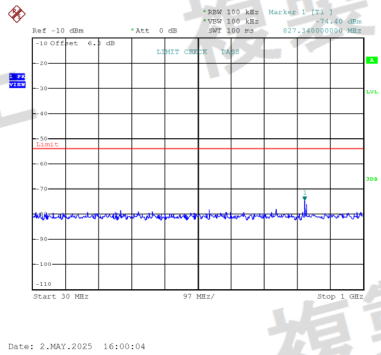


Test Mode:	IEEE 802.11ax(HE20) - W56

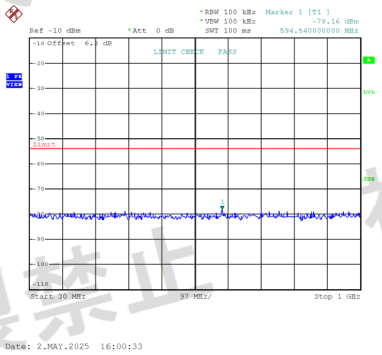
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5500	5600	5700	Low/Mid/High of test frequency range
Limitation of Collateral	MHz	827.34	594.54	774.96	Limit ≤ 4 nW (-54 dBm)
	nW	0.0363	0.0153	0.0161	
Emission of Receiver	MHz	25900.00	26000.00	26000.00	Limit ≤ 20 nW (-47 dBm)
	nW	2.0230	1.5849	1.6749	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

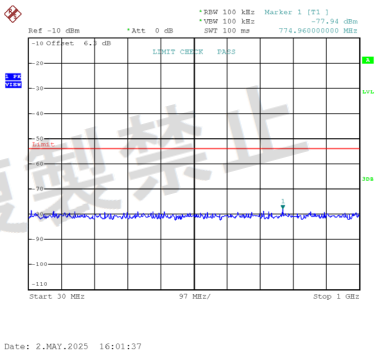
CH100



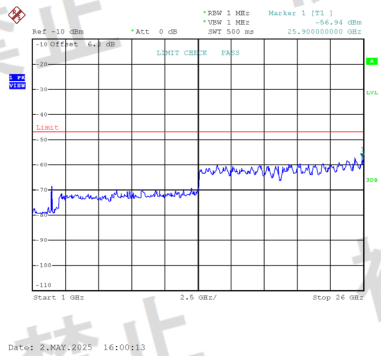
CH120
f < 1GHz

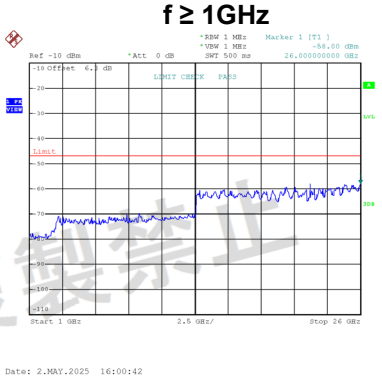


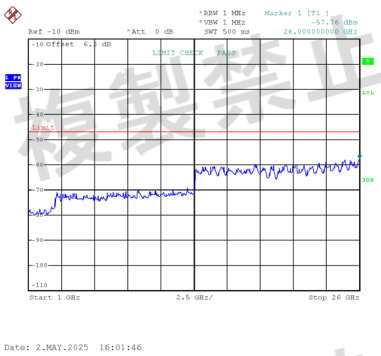
CH140



f ≥ 1GHz





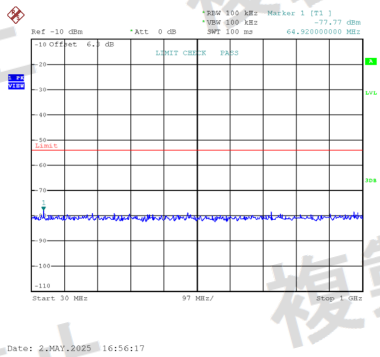


Test Mode:	IEEE 802.11ax(HE40) - W56

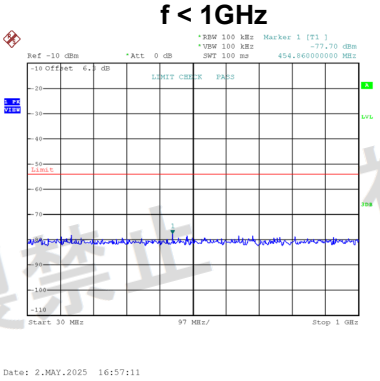
Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5510	5590	5670	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	64.92	454.86	185.20	Limit ≤ 4 nW (-54 dBm)
	nW	0.0167	0.0170	0.0151	
	MHz	24950.00	25950.00	26000.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.6982	1.6866	1.6596	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

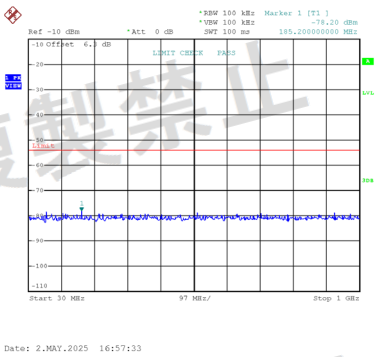
CH102



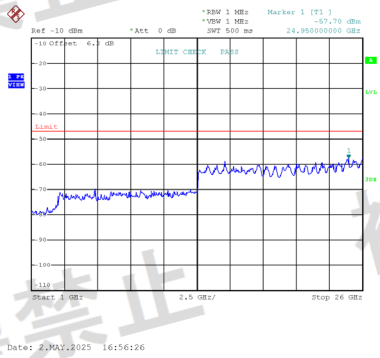
CH118
f < 1GHz

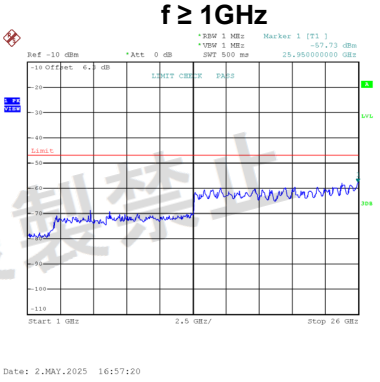


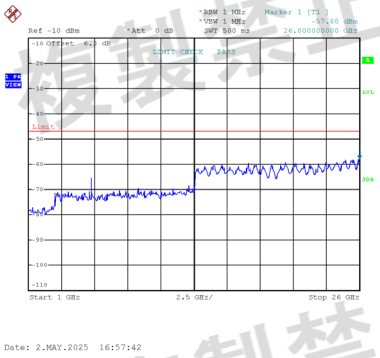
CH134



f ≥ 1GHz





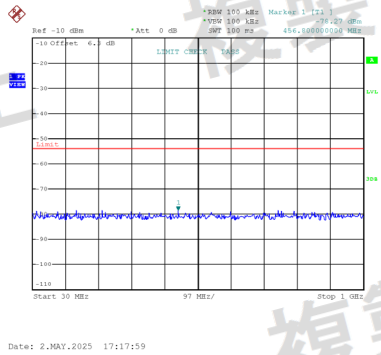


Test Mode:	IEEE 802.11ax(HE80) - W56

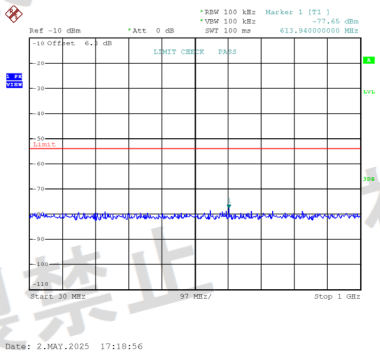
Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5530	5610	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	456.80	613.94	Limit ≤ 4 nW (-54 dBm)
	nW	0.0149	0.0172	
	MHz	24800.00	25400.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.8664	1.9275	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

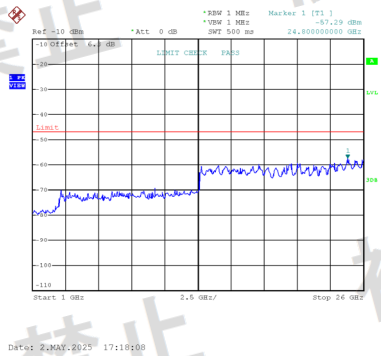
CH106

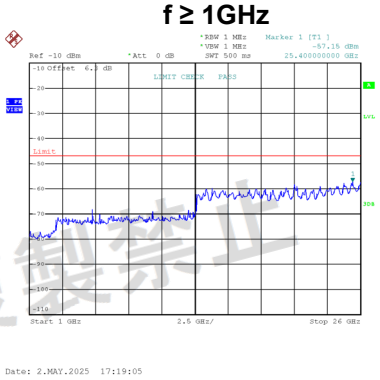


CH122
f < 1GHz



f ≥ 1GHz



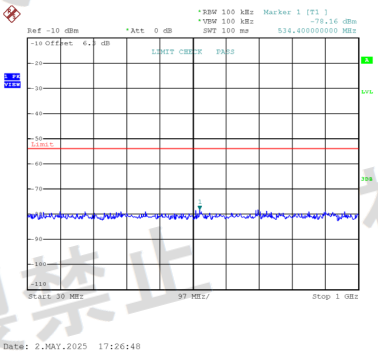


Test Mode:	IEEE 802.11ax(HE160) - W56

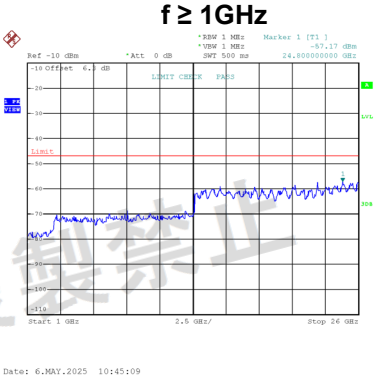
Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5570	Low/Mid/High of test frequency range
Limitation of Collateral Emission of Receiver	MHz	534.40	Limit ≤ 4 nW (-54 dBm)
	nW	0.0153	
	MHz	24800.00	Limit ≤ 20 nW (-47 dBm)
	nW	1.9187	

Note:
Emission value = SA measurement value (Include correction factor and cable loss)
Correction factor = 10 log (X)
X = the total number of antennas

CH114
f < 1GHz



f ≥ 1GHz



APPENDIX G - TRANSMISSION BURST LENGTH

複製禁止

Test Mode:	IEEE 802.11a - W52

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test frequency range
Transmission Burst Length	msec	2.6950	2.6950	2.6950	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT20) - W52

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test frequency range
Transmission Burst Length	msec	1.3250	1.3250	1.3250	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT40) - W52

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5190	5230	Low/Mid/High of test frequency range
Transmission Burst Length	msec	0.6600	0.6600	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT80) - W52

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5210	Low/Mid/High of test frequency range
Transmission Burst Length	msec	1.6800	Limit ≤ 8msec

Test Mode:	IEEE 802.11ax(HE20) - W52

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test frequency range
Transmission Burst Length	msec	2.8600	2.8600	2.8600	Limit ≤ 8msec

Test Mode:	IEEE 802.11ax(HE40) - W52

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5190	5230	Low/Mid/High of test frequency range
Transmission Burst Length	msec	2.8600	2.8600	Limit ≤ 8msec

Test Mode:	IEEE 802.11ax(HE80) - W52

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5210	Low/Mid/High of test frequency range
Transmission Burst Length	msec	1.3900	Limit ≤ 8msec

Test Mode:	IEEE 802.11a - W53

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5260	5300	5320	Low/Mid/High of test frequency range
Transmission Burst Length	msec	2.6950	2.6950	2.6950	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT20) - W53

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5260	5300	5320	Low/Mid/High of test frequency range
Transmission Burst Length	msec	1.3250	1.3250	1.3250	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT40) - W53

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5270	5310	Low/Mid/High of test frequency range
Transmission Burst Length	msec	0.6600	0.6600	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT80) - W53

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5290	Low/Mid/High of test frequency range
Transmission Burst Length	msec	1.6800	Limit ≤ 8msec

Test Mode:	IEEE 802.11ax(HE20) - W53

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5260	5300	5320	Low/Mid/High of test frequency range
Transmission Burst Length	msec	2.8600	2.8600	2.8600	Limit ≤ 8msec

Test Mode:	IEEE 802.11ax(HE40) - W53

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5270	5310	Low/Mid/High of test frequency range
Transmission Burst Length	msec	2.8600	2.8600	Limit ≤ 8msec

Test Mode:	IEEE 802.11ax(HE80) - W53

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5290	Low/Mid/High of test frequency range
Transmission Burst Length	msec	1.3900	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT160) - W52+W53

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5250	Low/Mid/High of test frequency range
Transmission Burst Length	msec	0.8700	Limit ≤ 8msec

Test Mode:	IEEE 802.11ax(HE160) - W52+W53

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5250	Low/Mid/High of test frequency range
Transmission Burst Length	msec	0.7200	Limit ≤ 8msec

Test Mode:	IEEE 802.11a - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5500	5600	5700	Low/Mid/High of test frequency range
Transmission Burst Length	msec	2.6950	2.6950	2.6950	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT20) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5500	5600	5700	Low/Mid/High of test frequency range
Transmission Burst Length	msec	1.3250	1.3250	1.3250	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT40) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5510	5590	5670	Low/Mid/High of test frequency range
Transmission Burst Length	msec	0.6600	0.6600	0.6600	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT80) - W56

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5530	5610	Low/Mid/High of test frequency range
Transmission Burst Length	msec	1.6800	1.6800	Limit ≤ 8msec

Test Mode:	IEEE 802.11ac(VHT160) - W56

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5570	Low/Mid/High of test frequency range
Transmission Burst Length	msec	0.8700	Limit ≤ 8msec

Test Mode:	IEEE 802.11ax(HE20) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5500	5600	5700	Low/Mid/High of test frequency range
Transmission Burst Length	msec	2.8600	2.8600	2.8600	Limit ≤ 8msec

Test Mode:	IEEE 802.11ax(HE40) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5510	5590	5670	Low/Mid/High of test frequency range
Transmission Burst Length	msec	2.8600	2.8600	2.8600	Limit ≤ 8msec

Test Mode:	IEEE 802.11ax(HE80) - W56

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5530	5610	Low/Mid/High of test frequency range
Transmission Burst Length	msec	1.3900	1.3900	Limit ≤ 8msec

Test Mode:	IEEE 802.11ax(HE160) - W56

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5570	Low/Mid/High of test frequency range
Transmission Burst Length	msec	0.7200	Limit ≤ 8msec

APPENDIX H - CARRIER SENSE CAPABILITY

Test Mode:	IEEE 802.11a - W52

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT20) - W52

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT40) - W52

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5190	5230	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT80) - W52

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5210	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ax(HE20) - W52

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5180	5200	5240	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ax(HE40) - W52

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5190	5230	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ax(HE80) - W52

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5210	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11a - W53

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5260	5300	5320	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT20) - W53

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5260	5300	5320	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT40) - W53

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5270	5310	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT80) - W53

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5290	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ax(HE20) - W53

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5260	5300	5320	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ax(HE40) - W53

Test Voltage		Normal Voltage		Remarks
Test Frequency (MHz)		5270	5310	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ax(HE80) - W53

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5290	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT160) - W52+W53

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5250	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ax(HE160) - W52+W53

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5250	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11a - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5500	5600	5700	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT20) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5500	5600	5700	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT40) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5510	5590	5670	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT80) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5530	5610		Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ac(VHT160) - W56

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5570	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ax(HE20) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5500	5600	5700	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ax(HE40) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5510	5590	5670	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ax(HE80) - W56

Test Voltage		Normal Voltage			Remarks
Test Frequency (MHz)		5530	5610		Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	OK	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

Test Mode:	IEEE 802.11ax(HE160) - W56

Test Voltage		Normal Voltage	Remarks
Test Frequency (MHz)		5570	Low/Mid/High of test level
Carrier Sense (100mV/m)	OK / NG	OK	Power level = 22.79+Gr-20*log(freq_MHz) [dBm]

End of Test Report