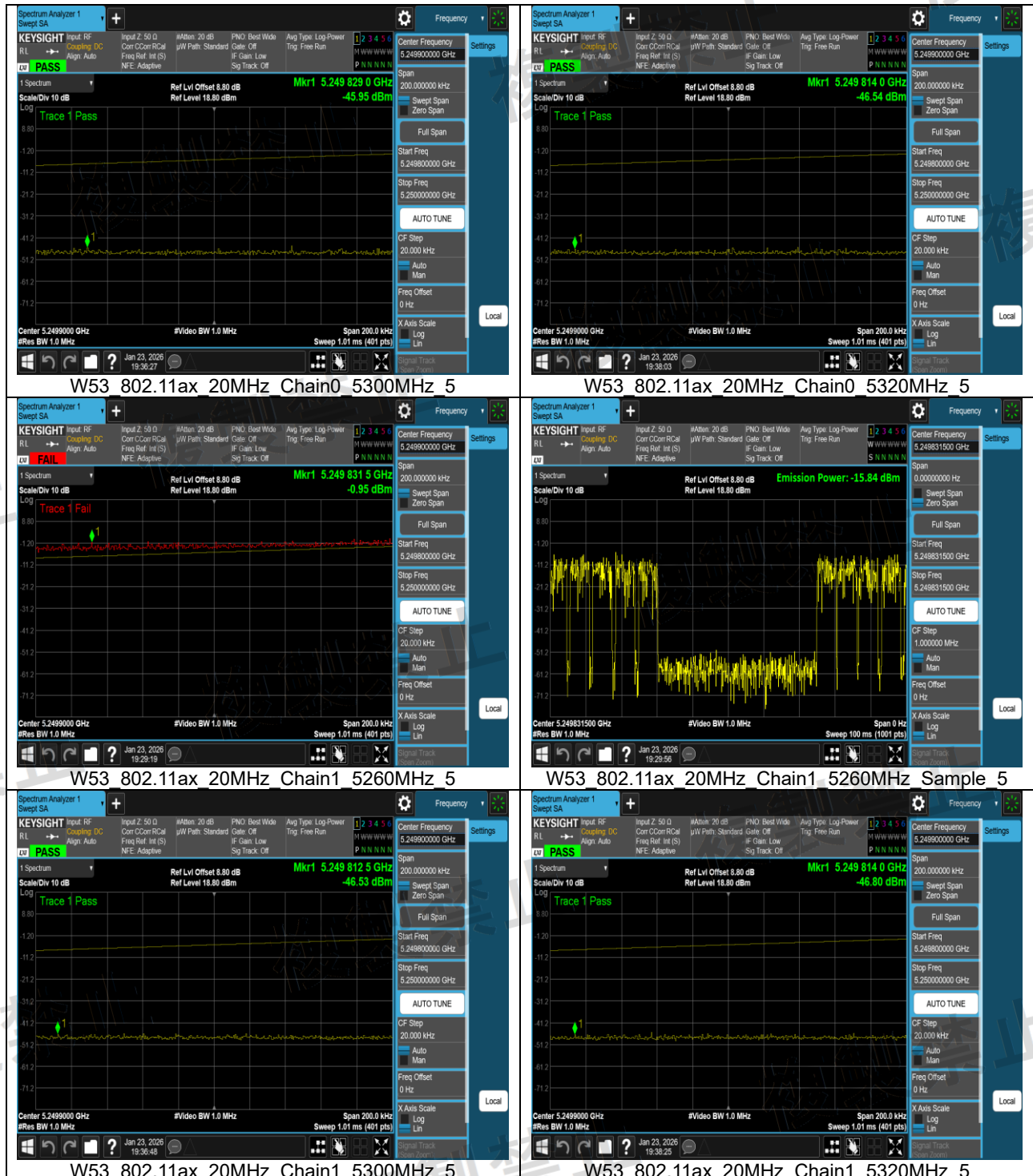
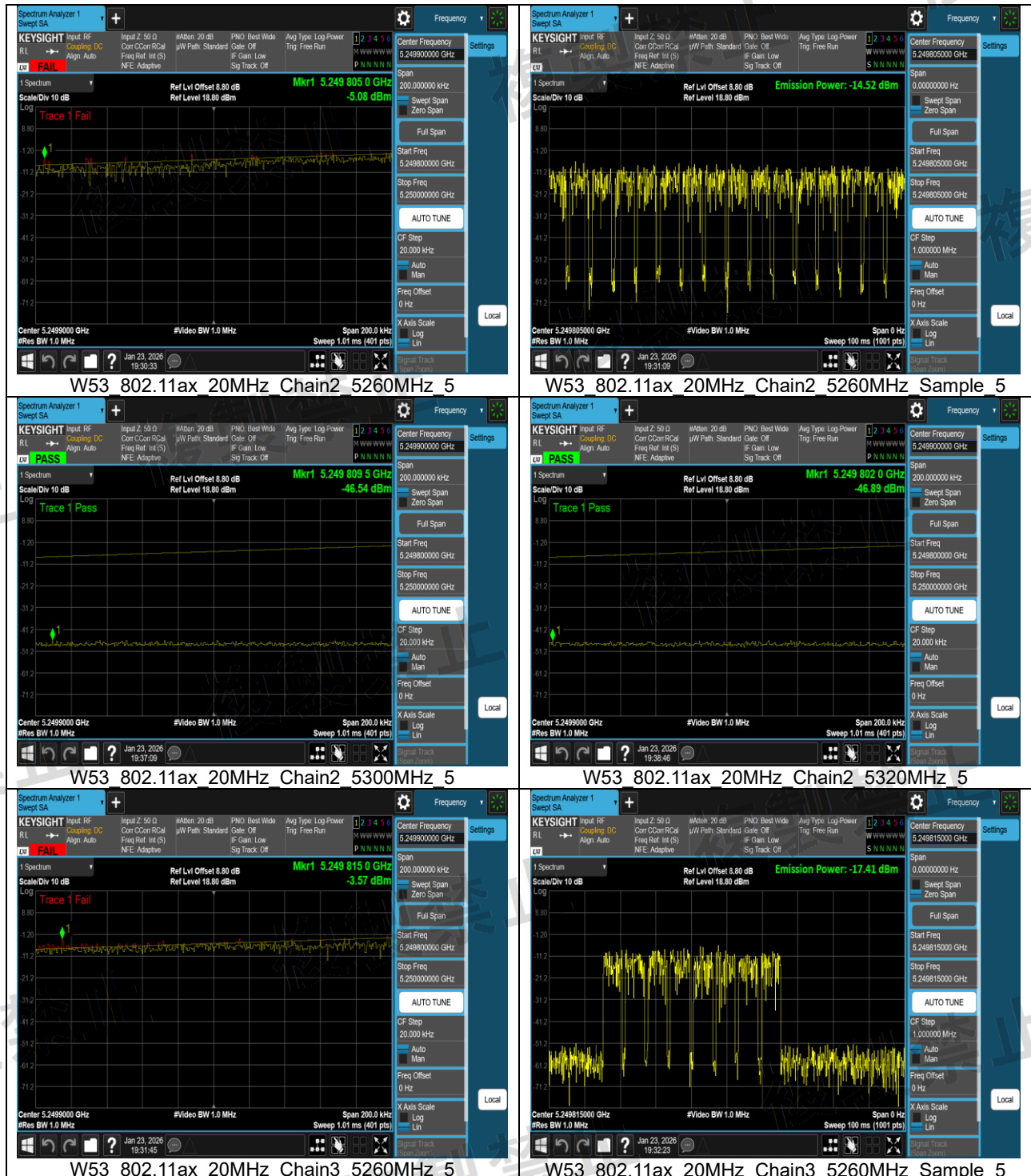
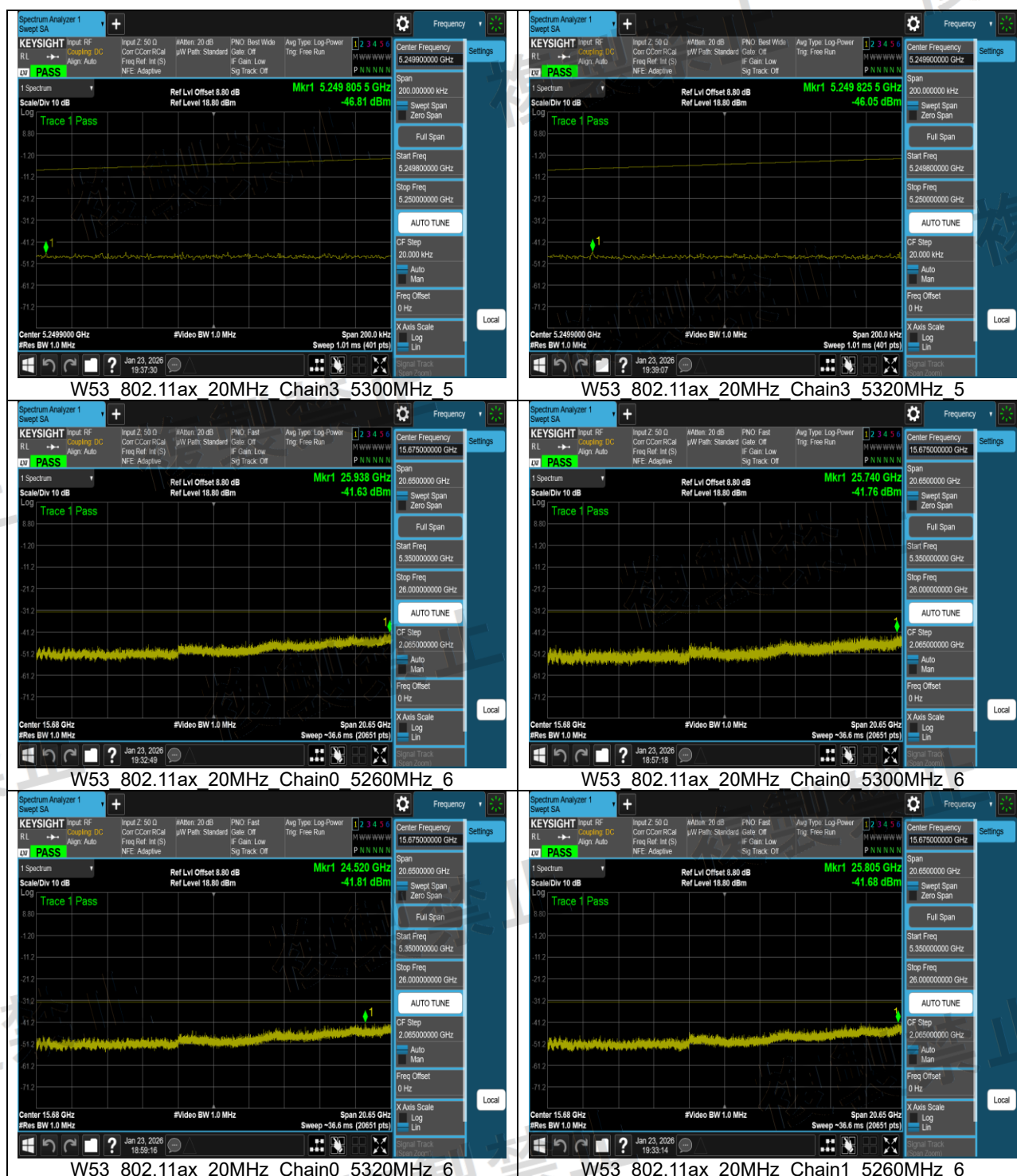
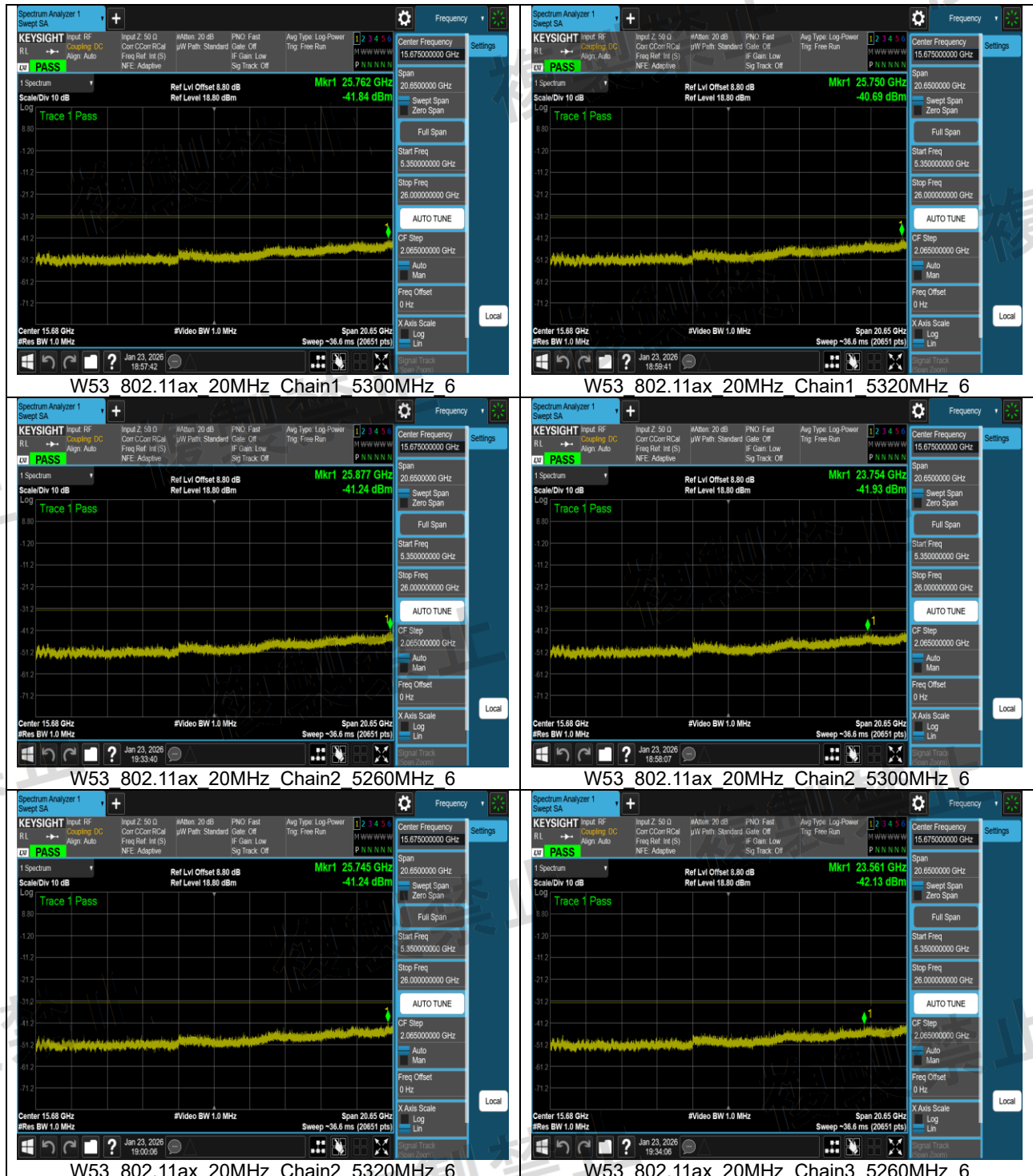
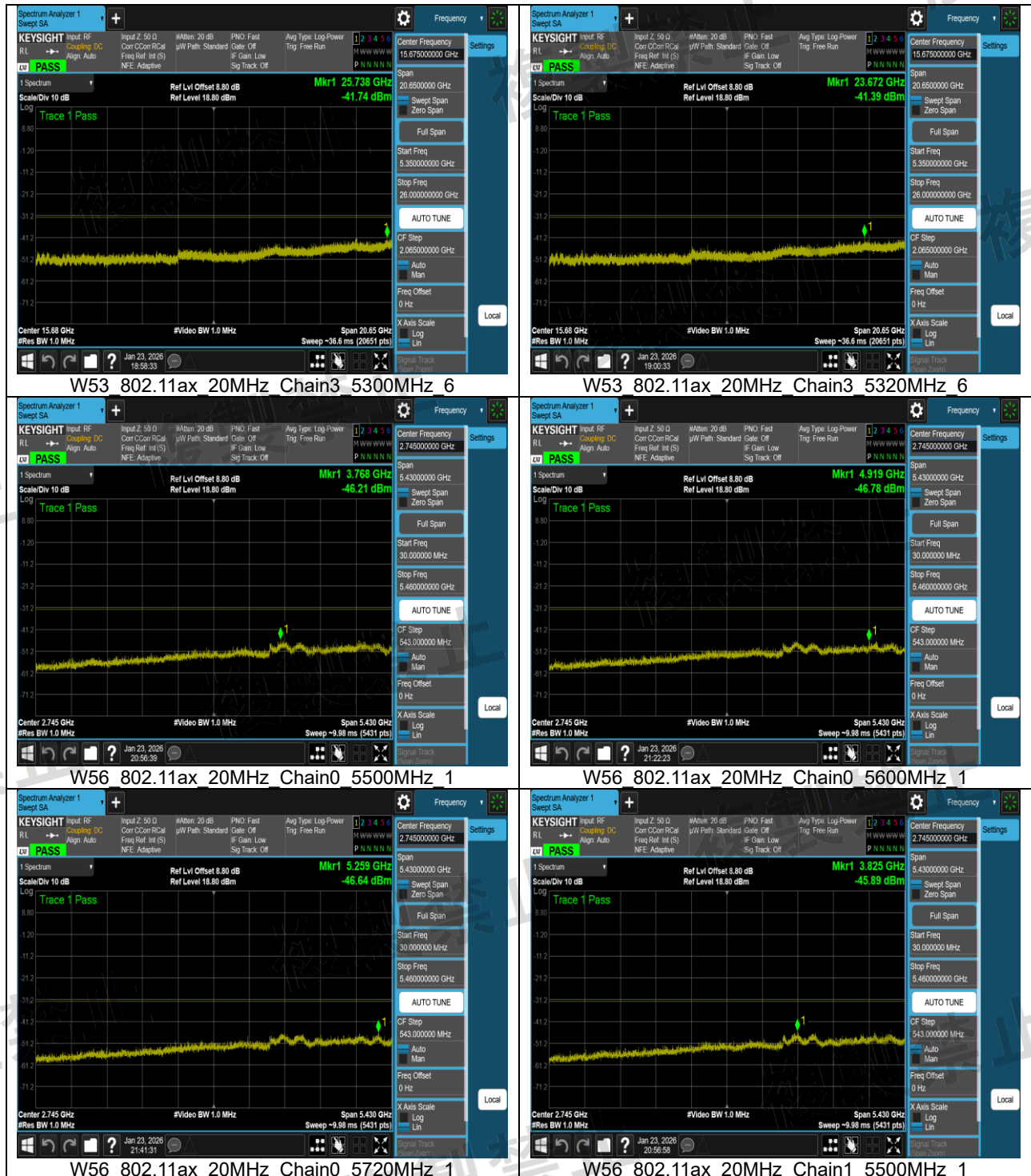




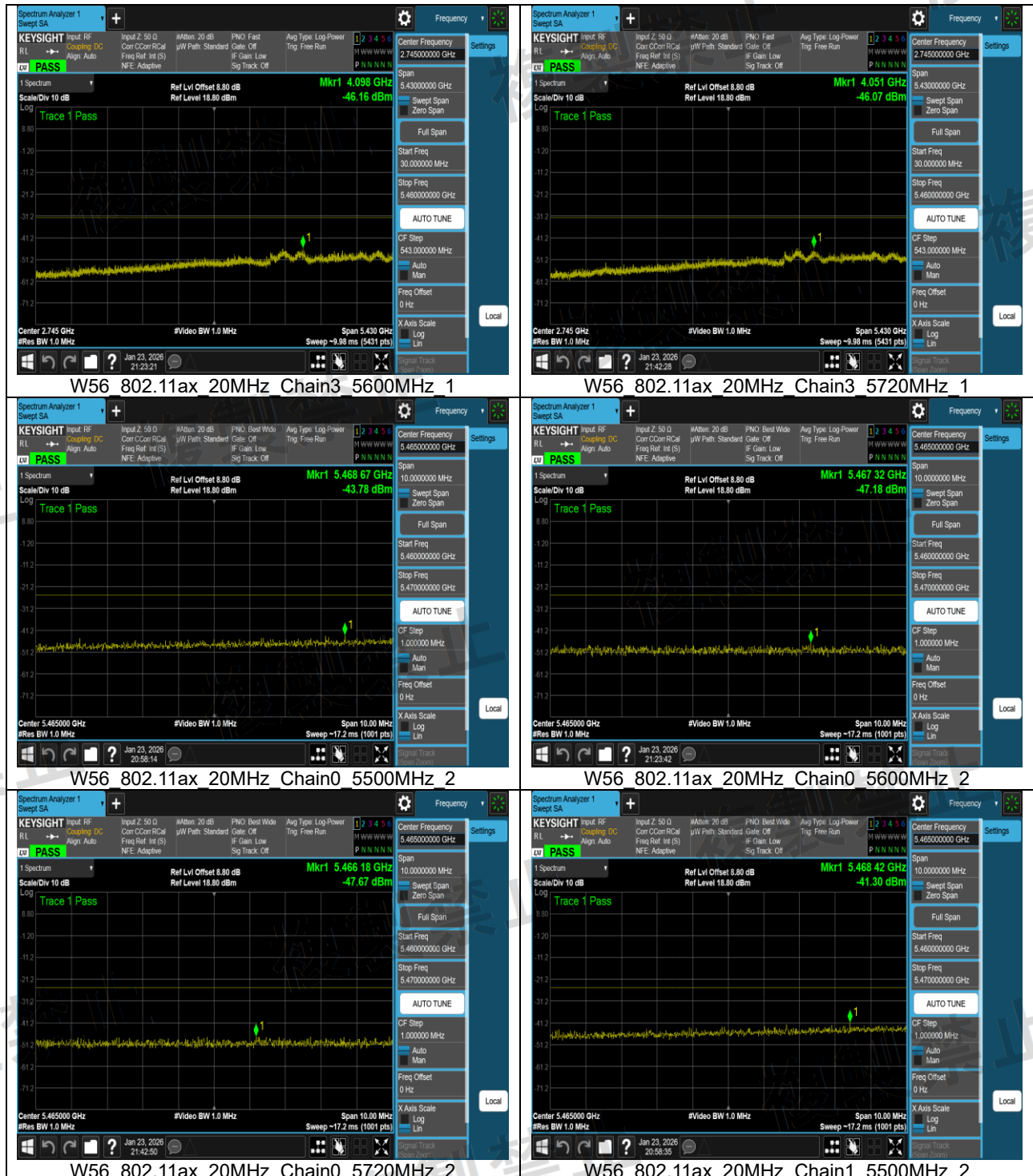




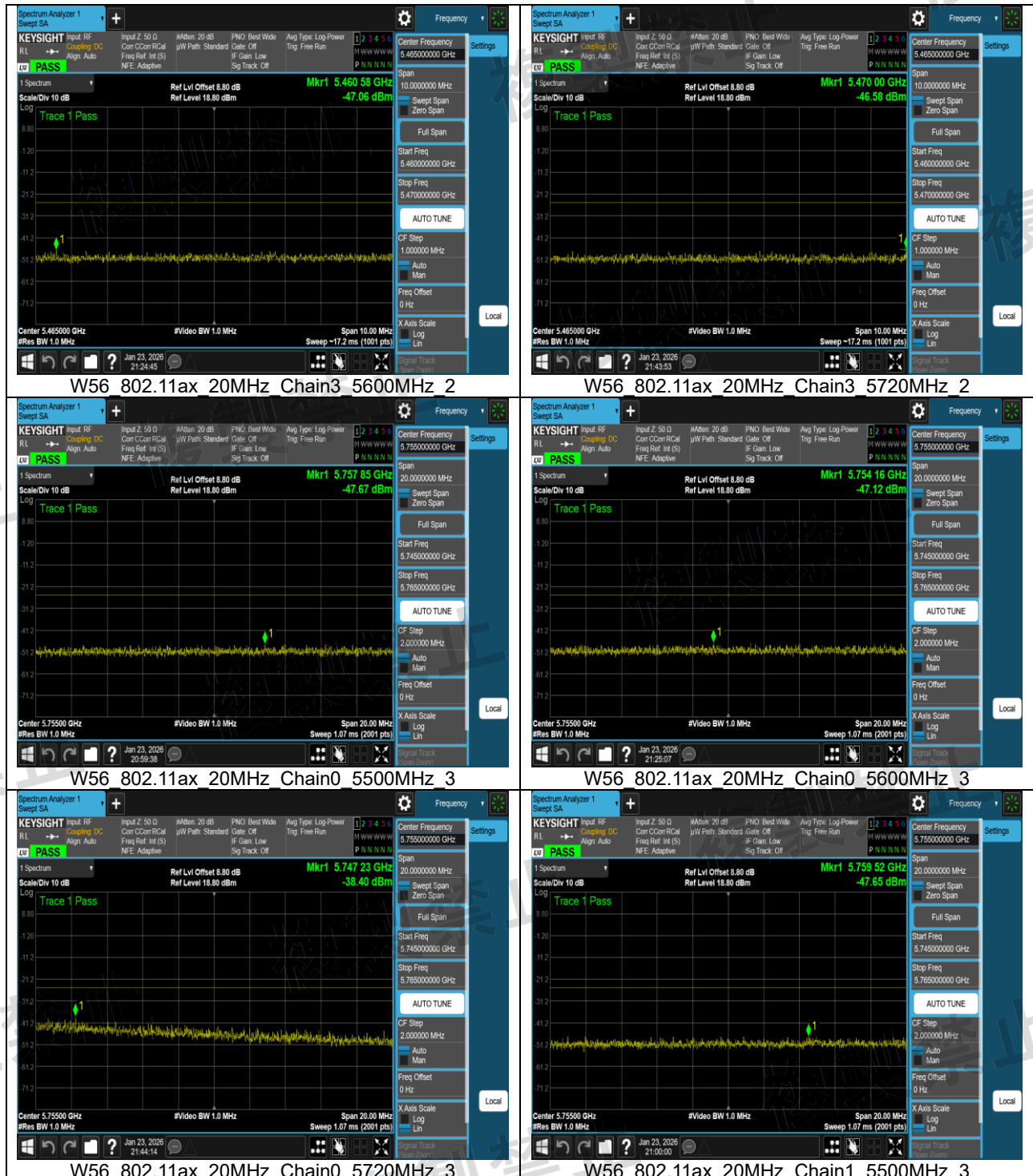






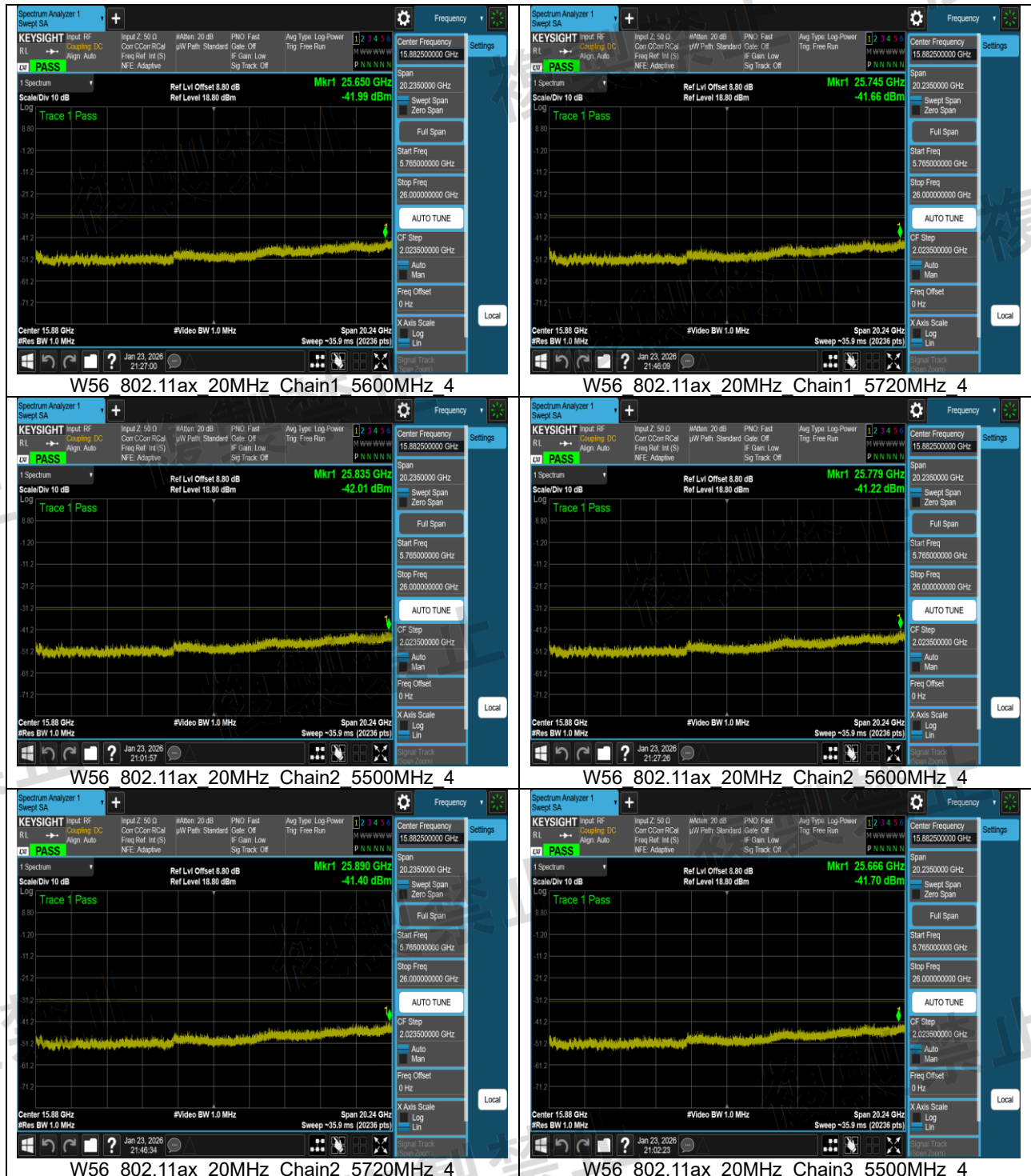


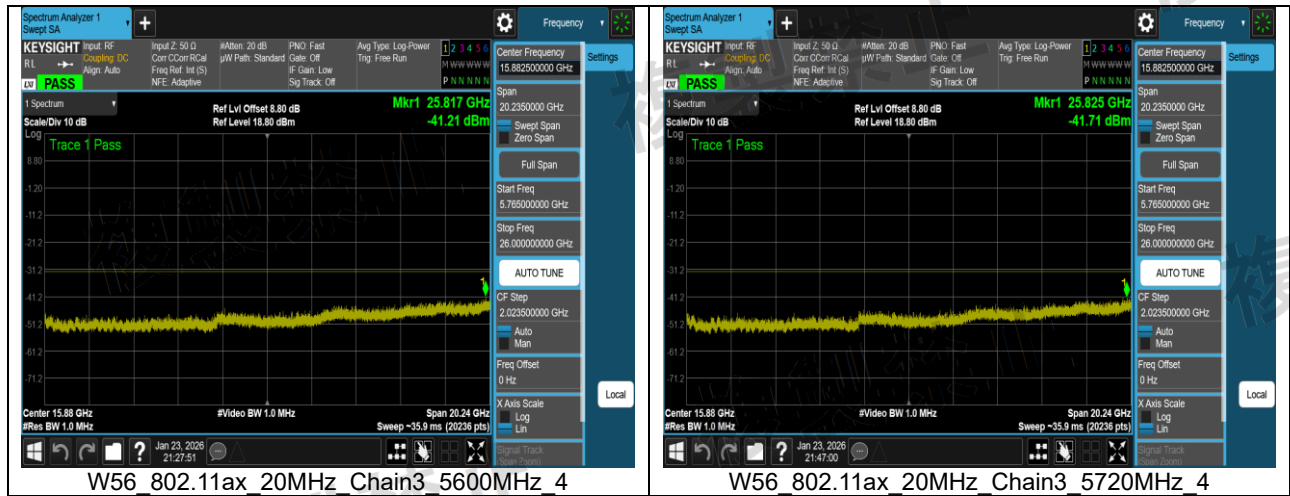












6.6 SECONDARILY EMITTED RADIO WAVE STRENGTH

Temperature: 21.5 ~ 24.7°C

Test date: January 20 ~ 27, 2026

Humidity: 50 ~ 62% RH

Tested by: Marco Chan

TEST RESULT

Secondarily emitted radio wave strength						
802.11a_W52_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5180	5220	5240	---	---
Channel Number	Ch.	36	44	48	---	---
Under 1GHz (Chain0)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	790.800	927.700	433.900	---	---
1 ~ 26GHz (Chain0)	nW	0.098	0.089	0.088	≤ 5.00	PASS
	MHz	25497.000	25825.000	25673.000	---	---
Under 1GHz (Chain1)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	841.300	792.600	788.700	---	---
1 ~ 26GHz (Chain1)	nW	0.098	0.094	0.099	≤ 5.00	PASS
	MHz	25907.000	25667.000	25754.000	---	---
Under 1GHz (Chain2)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	640.000	762.200	778.600	---	---
1 ~ 26GHz (Chain2)	nW	0.088	0.089	0.096	≤ 5.00	PASS
	MHz	25858.000	25748.000	25717.000	---	---
Under 1GHz (Chain3)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	815.700	790.800	788.200	---	---
1 ~ 26GHz (Chain3)	nW	0.089	0.088	0.100	≤ 5.00	PASS
	MHz	25676.000	24990.000	25871.000	---	---
Under 1GHz (Chain0+Chain1+Chain2+Chain3)	nW	0.0030	0.0036	0.0035	≤ 4.00	PASS
	MHz	---	---	---	---	---
1 ~ 26GHz (Chain0+Chain1+Chain2+Chain3)	nW	0.3725	0.3606	0.3830	≤ 20.00	PASS
	MHz	---	---	---	---	---

Secondarily emitted radio wave strength						
802.11a_W53_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5260	5300	5320	---	---
Channel Number	Ch.	52	60	64	---	---
Under 1GHz (Chain0)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	797.400	975.200	783.900	---	---
1 ~ 26GHz (Chain0)	nW	0.087	0.117	0.088	≤ 5.00	PASS
	MHz	24061.000	25784.000	25939.000	---	---
Under 1GHz (Chain1)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	827.100	812.000	801.700	---	---
1 ~ 26GHz (Chain1)	nW	0.118	0.098	0.091	≤ 5.00	PASS
	MHz	24599.000	23986.000	25818.000	---	---
Under 1GHz (Chain2)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	783.900	790.900	830.600	---	---
1 ~ 26GHz (Chain2)	nW	0.110	0.080	0.093	≤ 5.00	PASS
	MHz	25829.000	25713.000	25732.000	---	---
Under 1GHz (Chain3)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	875.800	787.300	783.900	---	---
1 ~ 26GHz (Chain3)	nW	0.087	0.102	0.087	≤ 5.00	PASS
	MHz	25722.000	25956.000	23039.000	---	---
Under 1GHz (Chain0+Chain1+Chain2+Chain3)	nW	0.0030	0.0034	0.0031	≤ 4.00	PASS
	MHz	---	---	---	---	---
1 ~ 26GHz (Chain0+Chain1+Chain2+Chain3)	nW	0.4017	0.3969	0.3587	≤ 20.00	PASS
	MHz	---	---	---	---	---

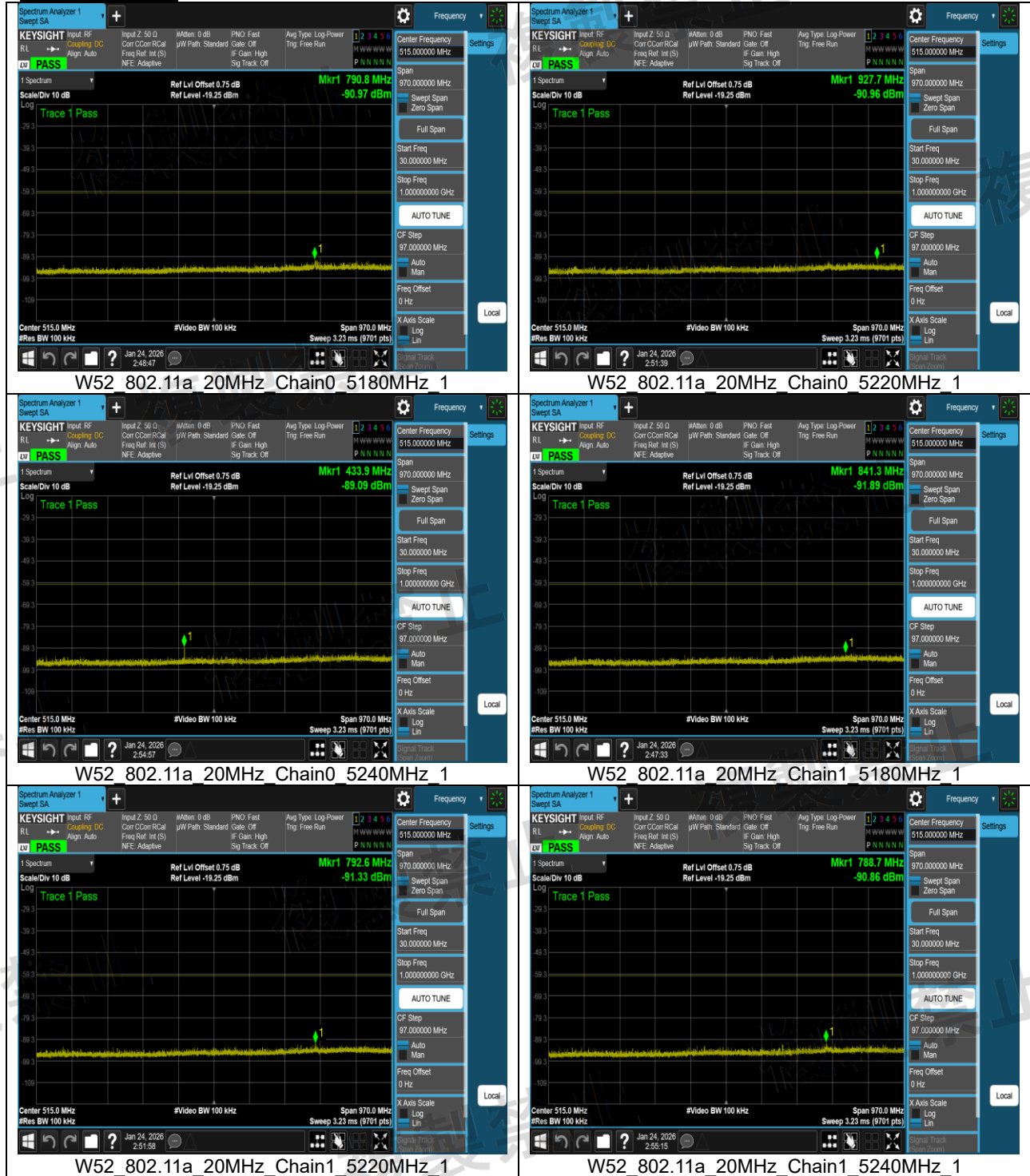
Secondarily emitted radio wave strength						
802.11a_W56_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5500	5600	5720	---	---
Channel Number	Ch.	100	120	144	---	---
Under 1GHz (Chain0)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	890.900	949.000	797.400	---	---
1 ~ 26GHz (Chain0)	nW	0.102	0.098	0.082	≤ 5.00	PASS
	MHz	25693.000	25959.000	25937.000	---	---
Under 1GHz (Chain1)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	783.900	433.900	882.100	---	---
1 ~ 26GHz (Chain1)	nW	0.100	0.085	0.100	≤ 5.00	PASS
	MHz	25752.000	25848.000	25634.000	---	---
Under 1GHz (Chain2)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	433.900	928.800	790.800	---	---
1 ~ 26GHz (Chain2)	nW	0.115	0.115	0.090	≤ 5.00	PASS
	MHz	25695.000	25812.000	25778.000	---	---
Under 1GHz (Chain3)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	783.900	892.900	783.900	---	---
1 ~ 26GHz (Chain3)	nW	0.091	0.102	0.095	≤ 5.00	PASS
	MHz	25694.000	25643.000	25778.000	---	---
Under 1GHz (Chain0+Chain1+Chain2+Chain3)	nW	0.0030	0.0031	0.0033	≤ 4.00	PASS
	MHz	---	---	---	---	---
1 ~ 26GHz (Chain0+Chain1+Chain2+Chain3)	nW	0.4069	0.3993	0.3681	≤ 20.00	PASS
	MHz	---	---	---	---	---

Secondarily emitted radio wave strength						
802.11ax_W52_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5180	5220	5240	---	---
Channel Number	Ch.	36	44	48	---	---
Under 1GHz (Chain0)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	783.900	783.900	798.700	---	---
1 ~ 26GHz (Chain0)	nW	0.090	0.110	0.085	≤ 5.00	PASS
	MHz	23838.000	25676.000	25738.000	---	---
Under 1GHz (Chain1)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	769.500	787.500	958.700	---	---
1 ~ 26GHz (Chain1)	nW	0.110	0.103	0.084	≤ 5.00	PASS
	MHz	25798.000	25622.000	25784.000	---	---
Under 1GHz (Chain2)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	788.300	783.900	783.900	---	---
1 ~ 26GHz (Chain2)	nW	0.079	0.089	0.089	≤ 5.00	PASS
	MHz	25946.000	25784.000	25657.000	---	---
Under 1GHz (Chain3)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	788.200	783.900	787.100	---	---
1 ~ 26GHz (Chain3)	nW	0.105	0.115	0.086	≤ 5.00	PASS
	MHz	25696.000	25817.000	25988.000	---	---
Under 1GHz (Chain0+Chain1+Chain2+Chain3)	nW	0.0032	0.0032	0.0030	≤ 4.00	PASS
	MHz	---	---	---	---	---
1 ~ 26GHz (Chain0+Chain1+Chain2+Chain3)	nW	0.3834	0.4168	0.3435	≤ 20.00	PASS
	MHz	---	---	---	---	---

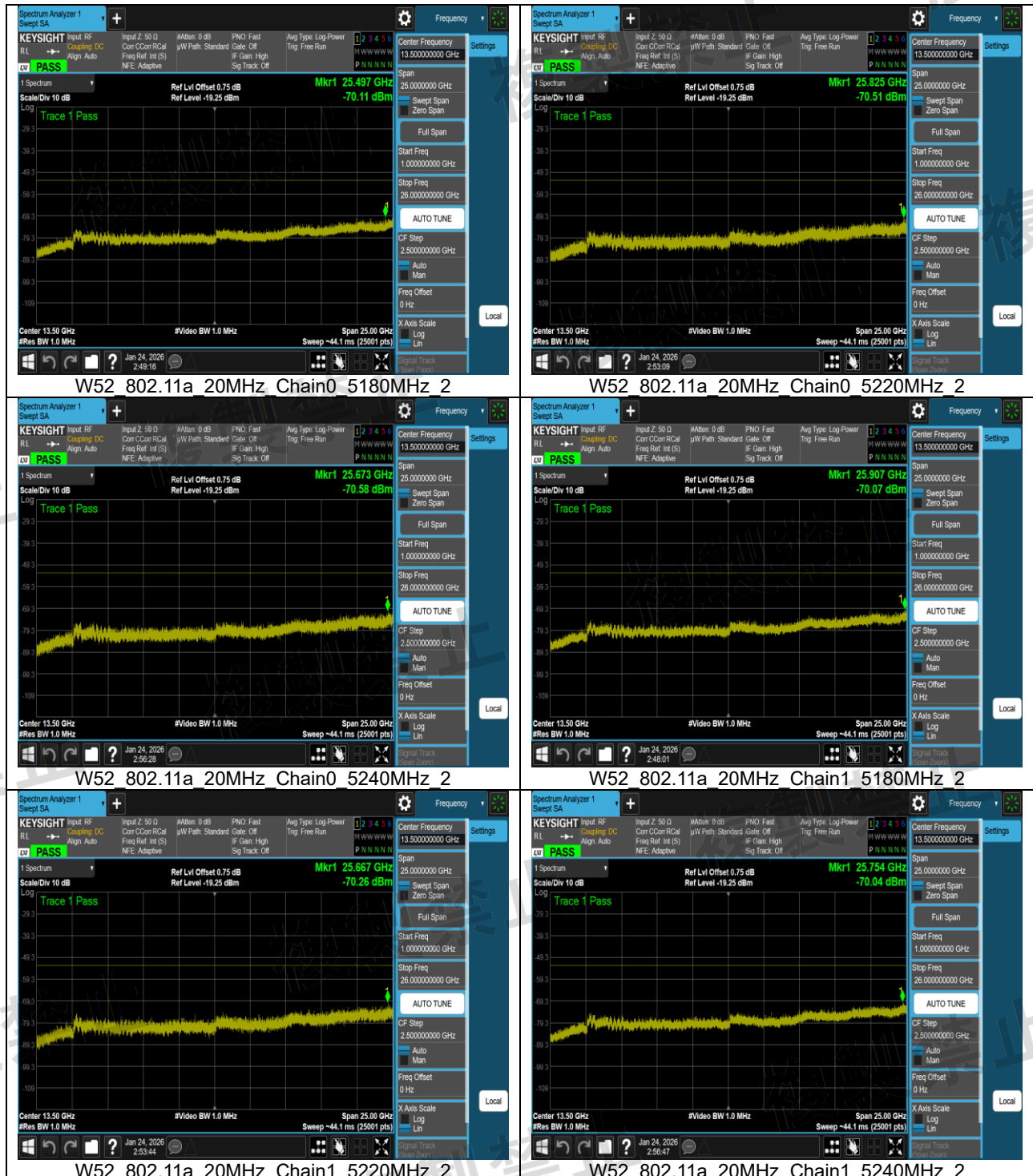
Secondarily emitted radio wave strength						
802.11ax_W53_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5260	5300	5320	---	---
Channel Number	Ch.	52	60	64	---	---
Under 1GHz (Chain0)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	787.900	976.800	880.100	---	---
1 ~ 26GHz (Chain0)	nW	0.100	0.095	0.085	≤ 5.00	PASS
	MHz	25892.000	25982.000	24791.000	---	---
Under 1GHz (Chain1)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	892.100	955.100	871.700	---	---
1 ~ 26GHz (Chain1)	nW	0.098	0.088	0.098	≤ 5.00	PASS
	MHz	25972.000	25925.000	25627.000	---	---
Under 1GHz (Chain2)	nW	0.001	0.000	0.000	≤ 1.00	PASS
	MHz	827.600	826.600	809.300	---	---
1 ~ 26GHz (Chain2)	nW	0.087	0.093	0.088	≤ 5.00	PASS
	MHz	25383.000	25720.000	25611.000	---	---
Under 1GHz (Chain3)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	434.000	783.800	848.400	---	---
1 ~ 26GHz (Chain3)	nW	0.102	0.086	0.095	≤ 5.00	PASS
	MHz	25702.000	25541.000	24244.000	---	---
Under 1GHz (Chain0+Chain1+Chain2+Chain3)	nW	0.0036	0.0028	0.0028	≤ 4.00	PASS
	MHz	---	---	---	---	---
1 ~ 26GHz (Chain0+Chain1+Chain2+Chain3)	nW	0.3872	0.3624	0.3652	≤ 20.00	PASS
	MHz	---	---	---	---	---

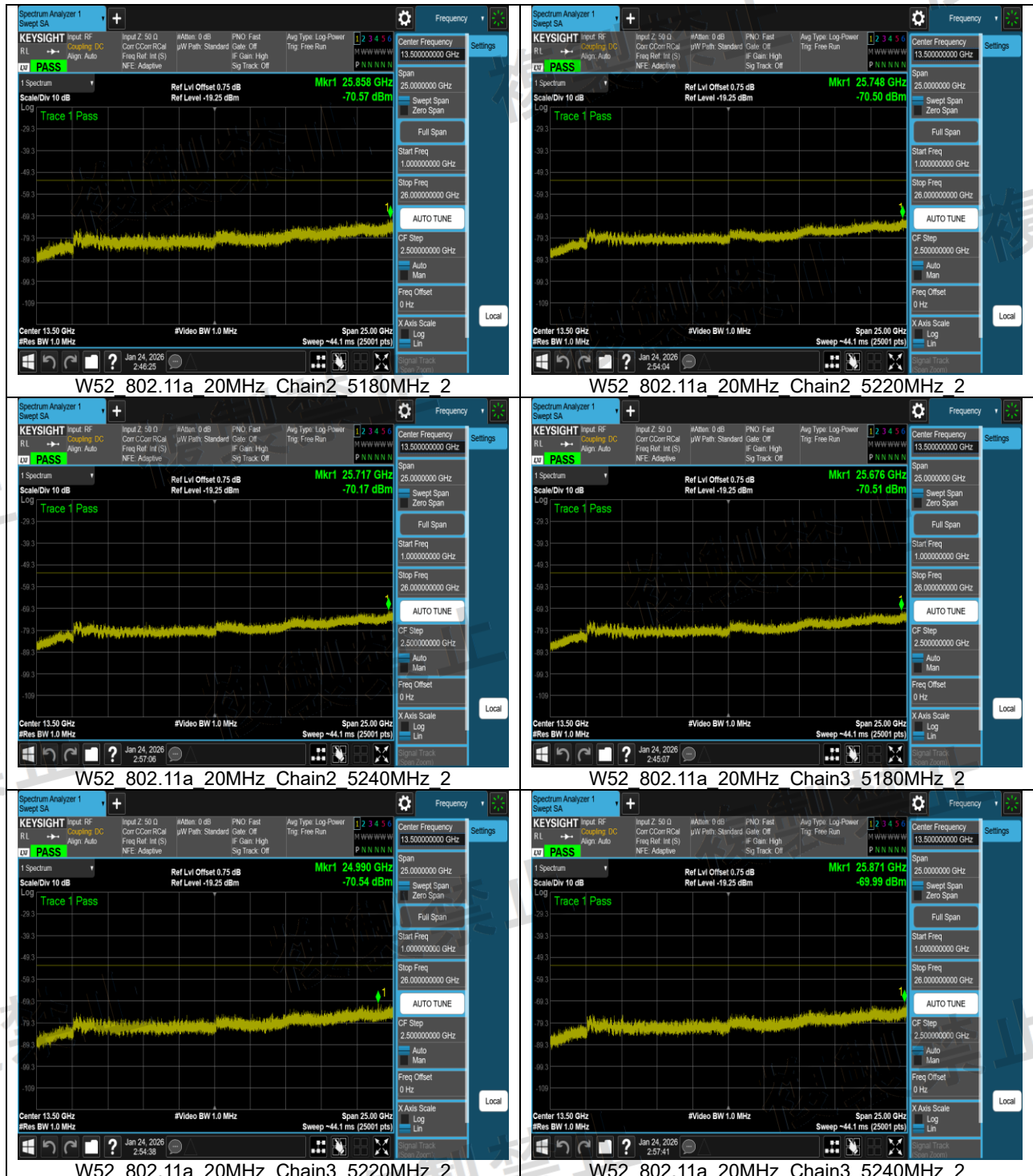
Secondarily emitted radio wave strength						
802.11ax_W56_20MHz	unit	---	---	---	Limit	Result
Measurement Center Frequency	MHz	5500	5600	5720	---	---
Channel Number	Ch.	100	120	144	---	---
Under 1GHz (Chain0)	nW	0.002	0.001	0.001	≤ 1.00	PASS
	MHz	739.200	792.000	784.600	---	---
1 ~ 26GHz (Chain0)	nW	0.095	0.094	0.116	≤ 5.00	PASS
	MHz	25698.000	25793.000	25784.000	---	---
Under 1GHz (Chain1)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	868.400	922.500	995.200	---	---
1 ~ 26GHz (Chain1)	nW	0.092	0.092	0.121	≤ 5.00	PASS
	MHz	25738.000	25657.000	25960.000	---	---
Under 1GHz (Chain2)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	790.400	875.700	861.000	---	---
1 ~ 26GHz (Chain2)	nW	0.093	0.092	0.091	≤ 5.00	PASS
	MHz	25821.000	25708.000	25788.000	---	---
Under 1GHz (Chain3)	nW	0.001	0.001	0.001	≤ 1.00	PASS
	MHz	821.300	905.300	783.900	---	---
1 ~ 26GHz (Chain3)	nW	0.100	0.094	0.092	≤ 5.00	PASS
	MHz	25942.000	25864.000	25790.000	---	---
Under 1GHz (Chain0+Chain1+Chain2+Chain3)	nW	0.0039	0.0031	0.0026	≤ 4.00	PASS
	MHz	---	---	---	---	---
1 ~ 26GHz (Chain0+Chain1+Chain2+Chain3)	nW	0.3800	0.3720	0.4207	≤ 20.00	PASS
	MHz	---	---	---	---	---

TEST PLOTS



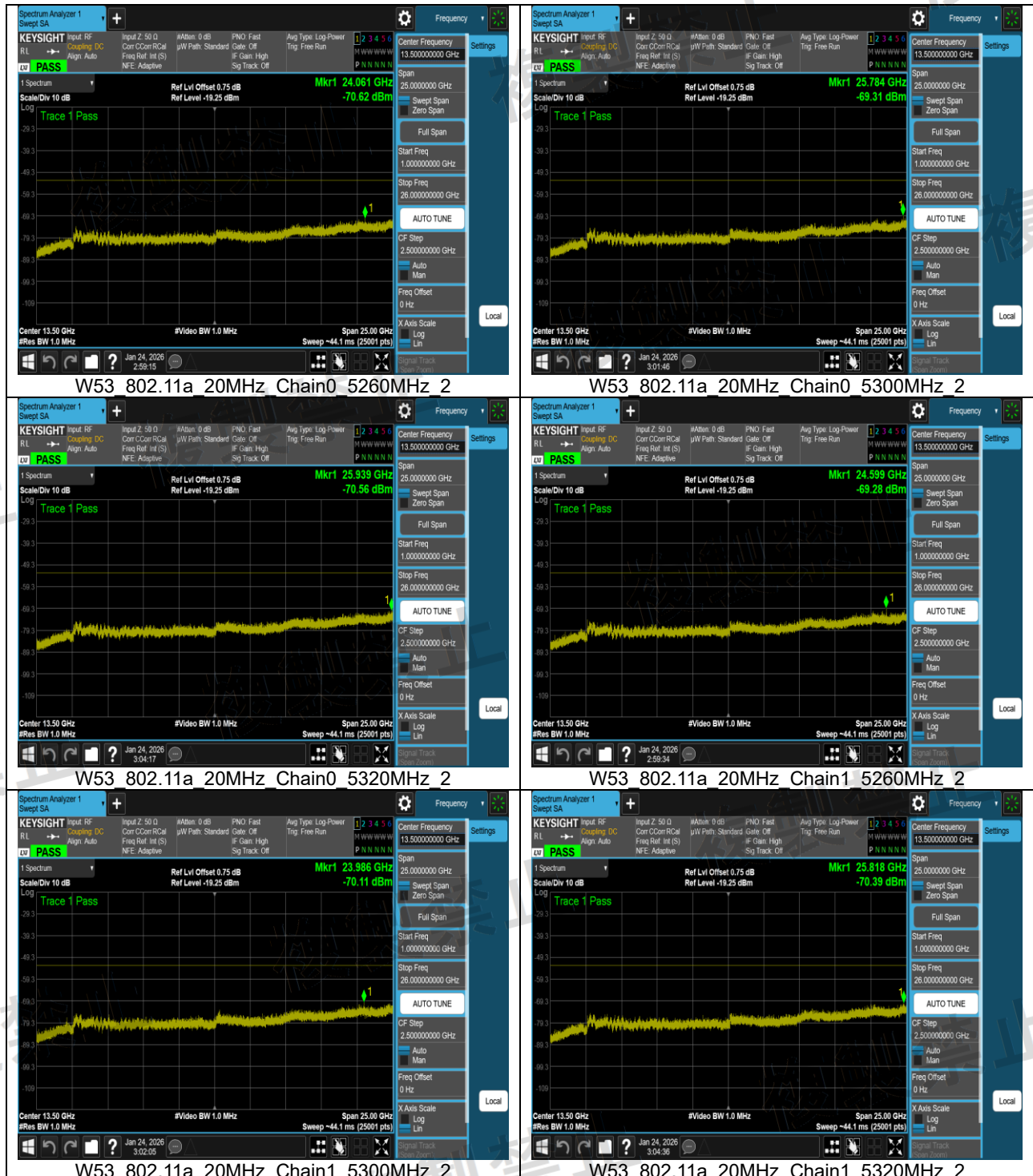


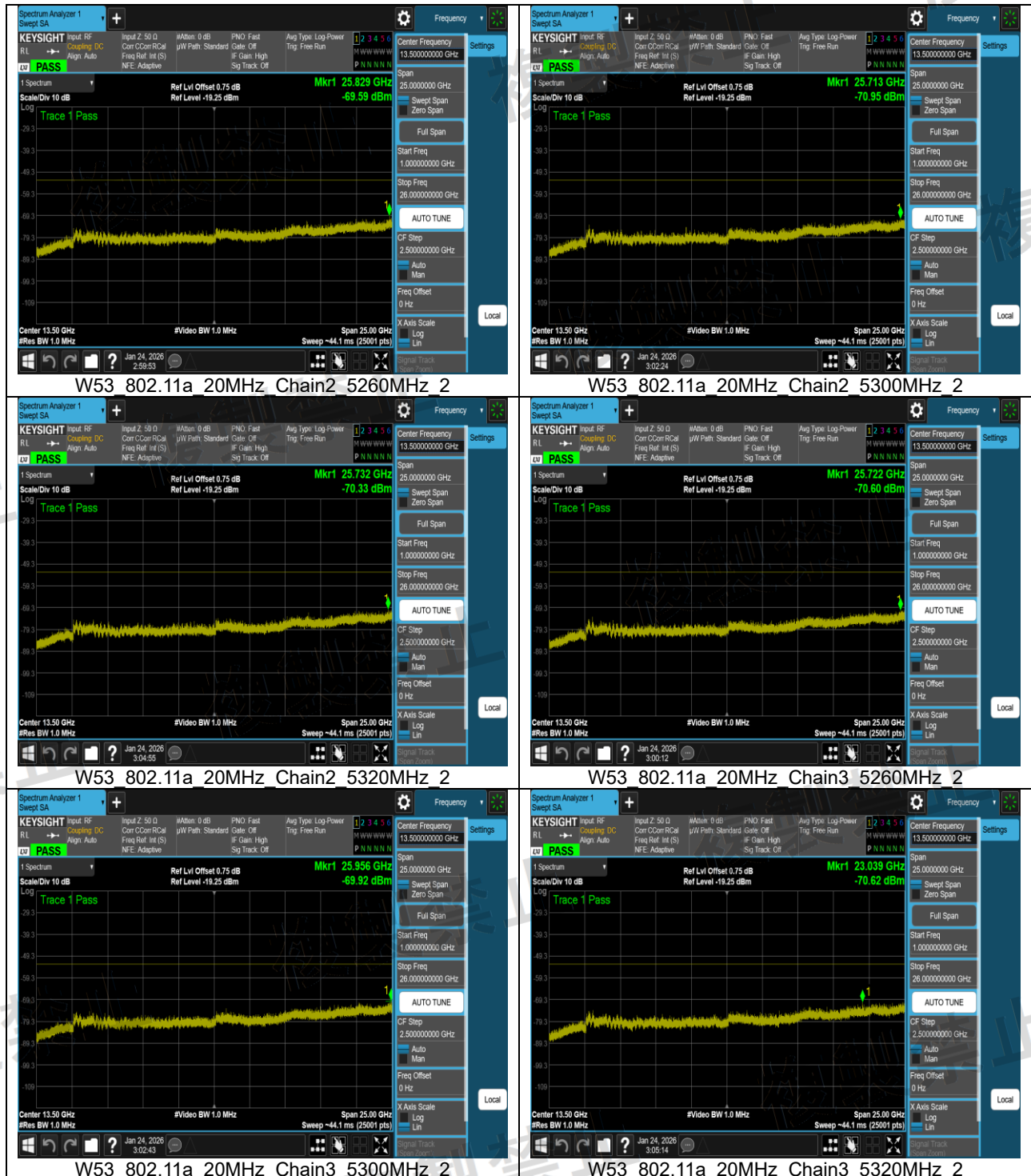


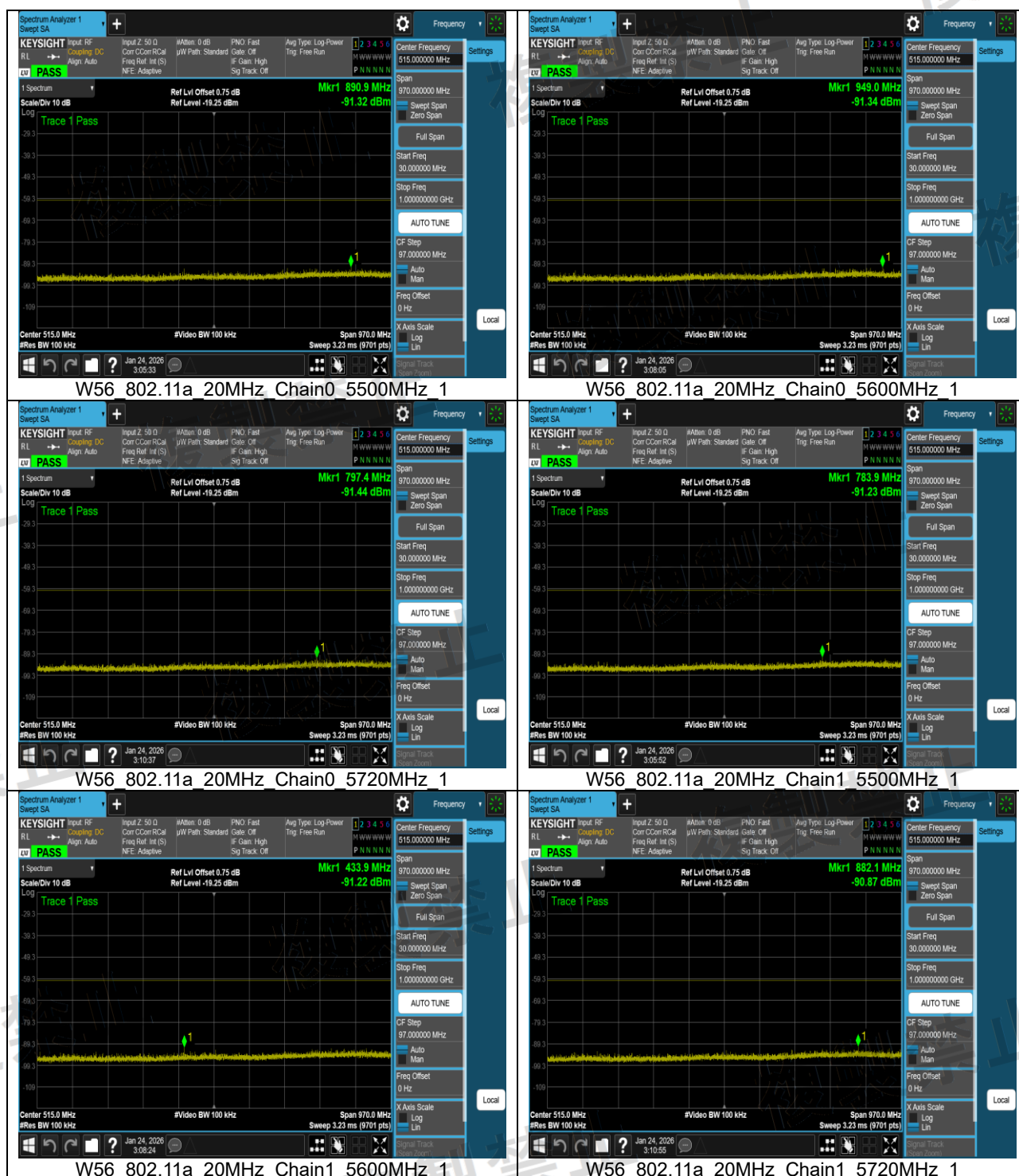


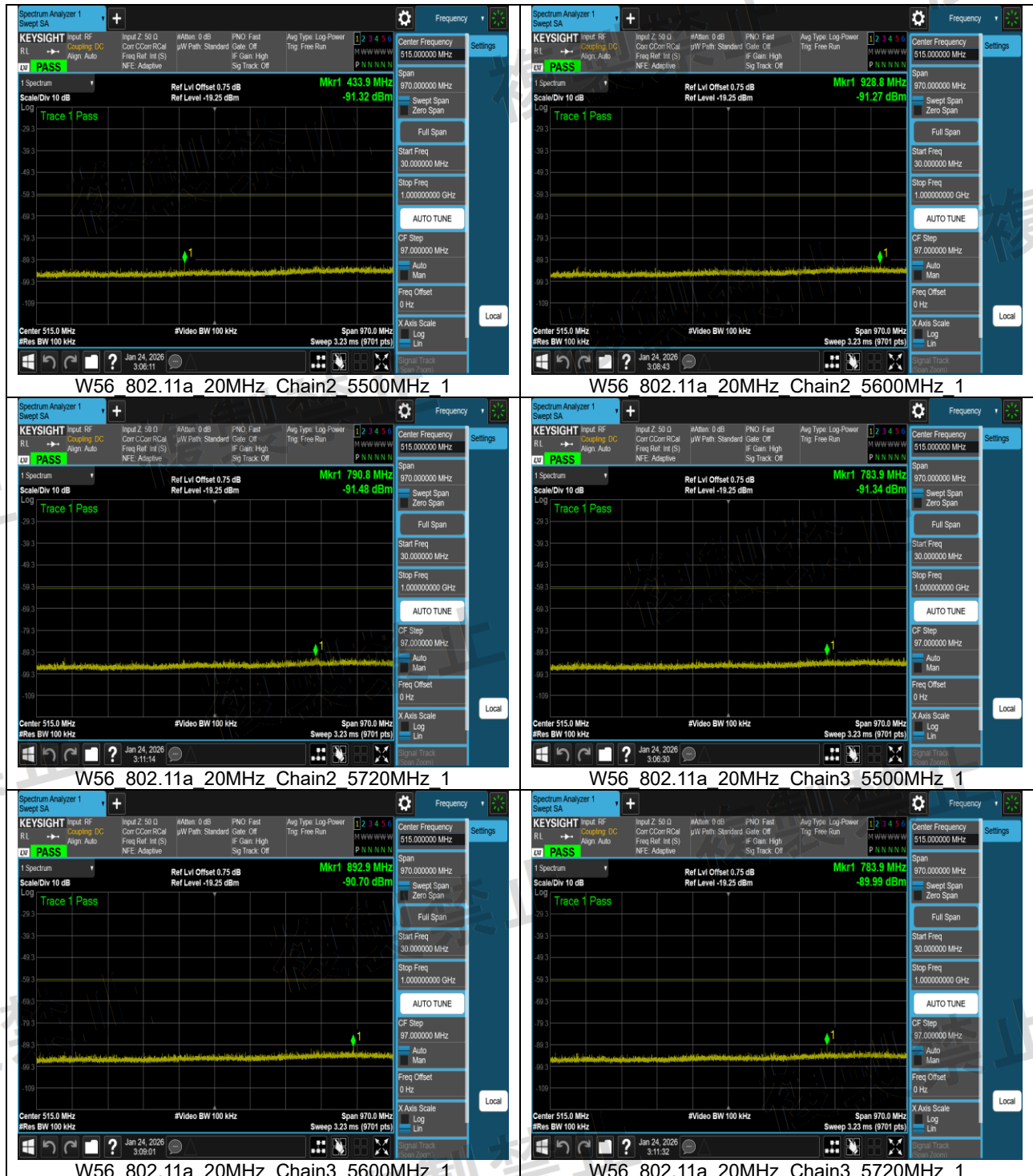


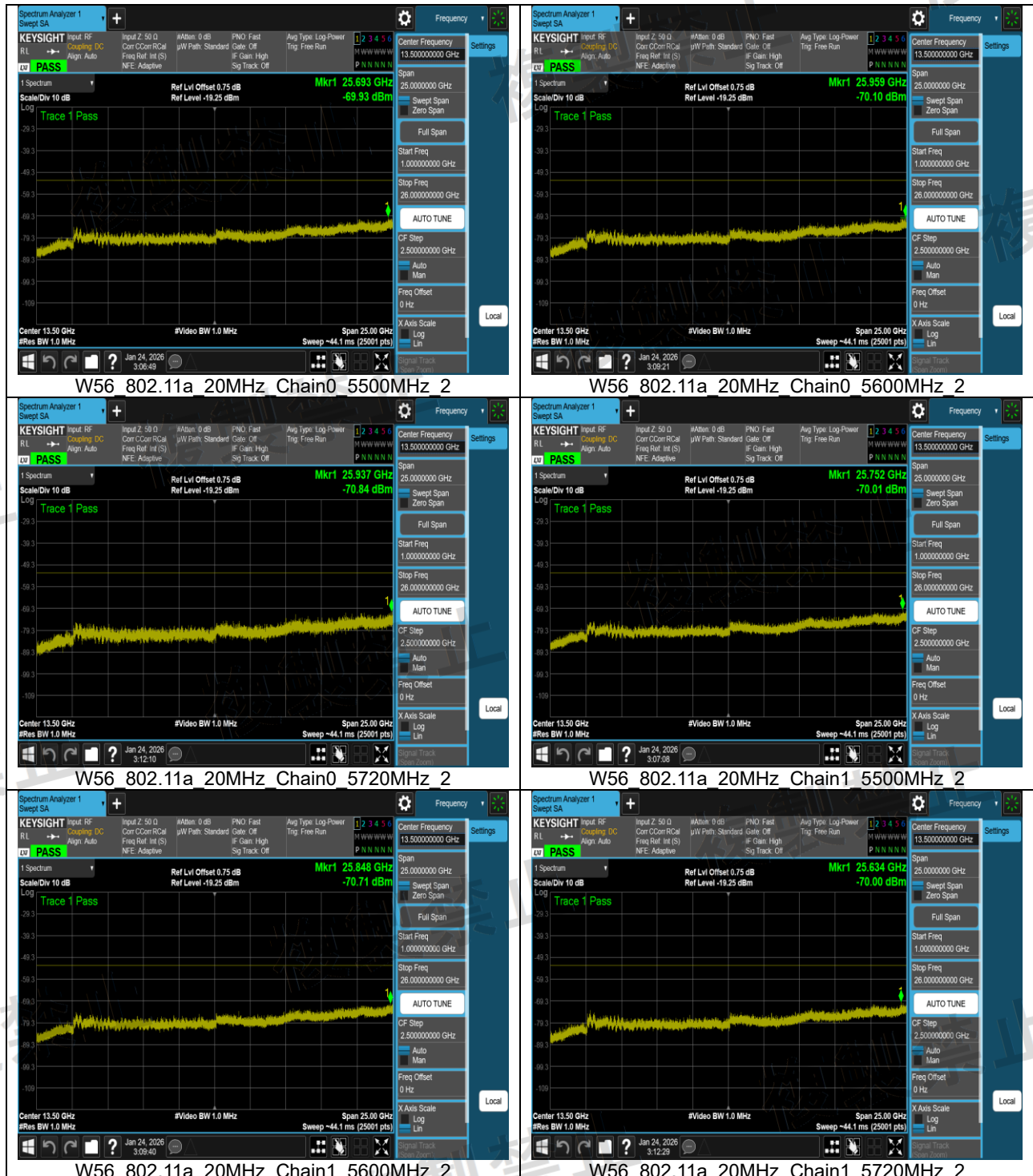


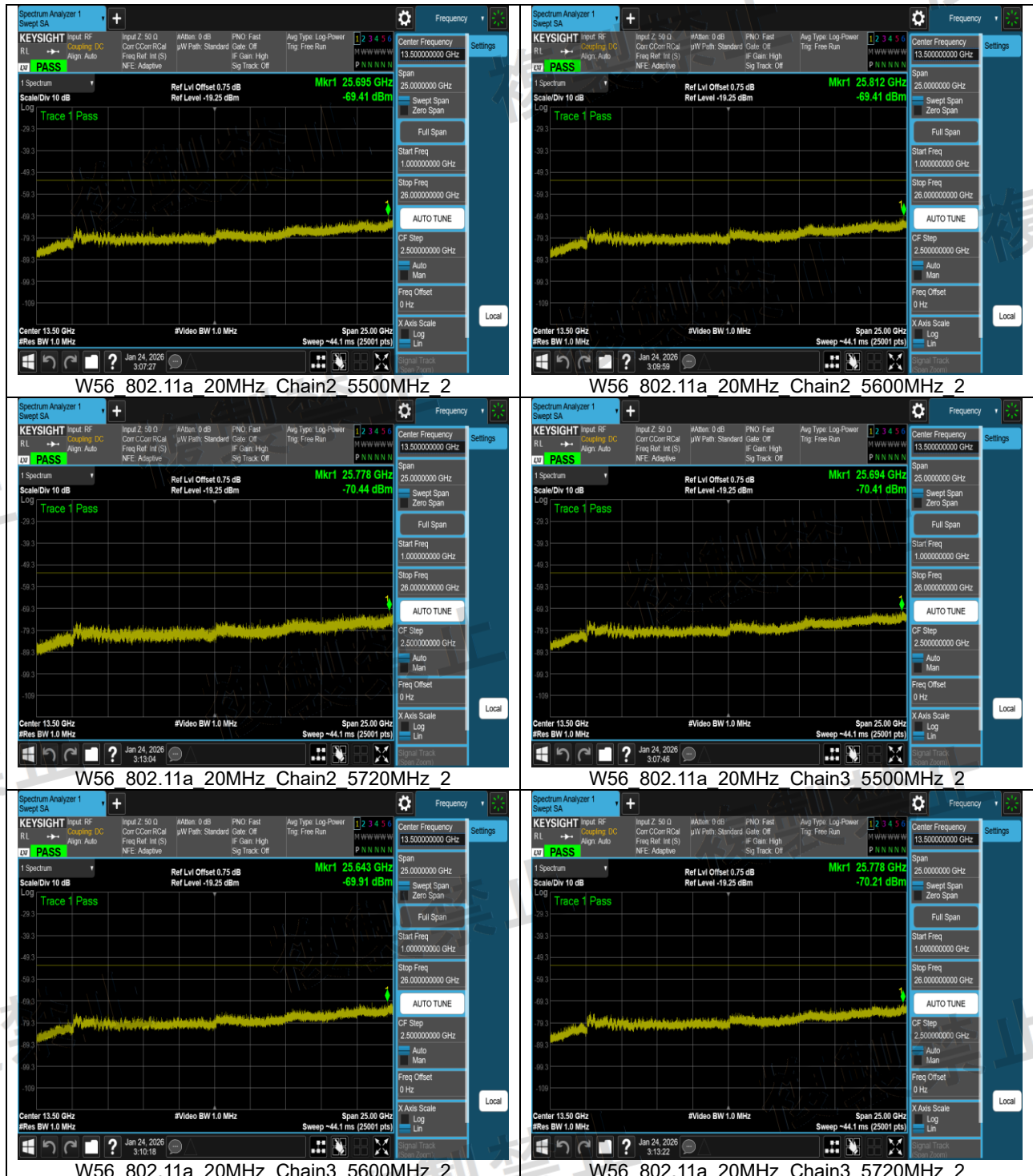




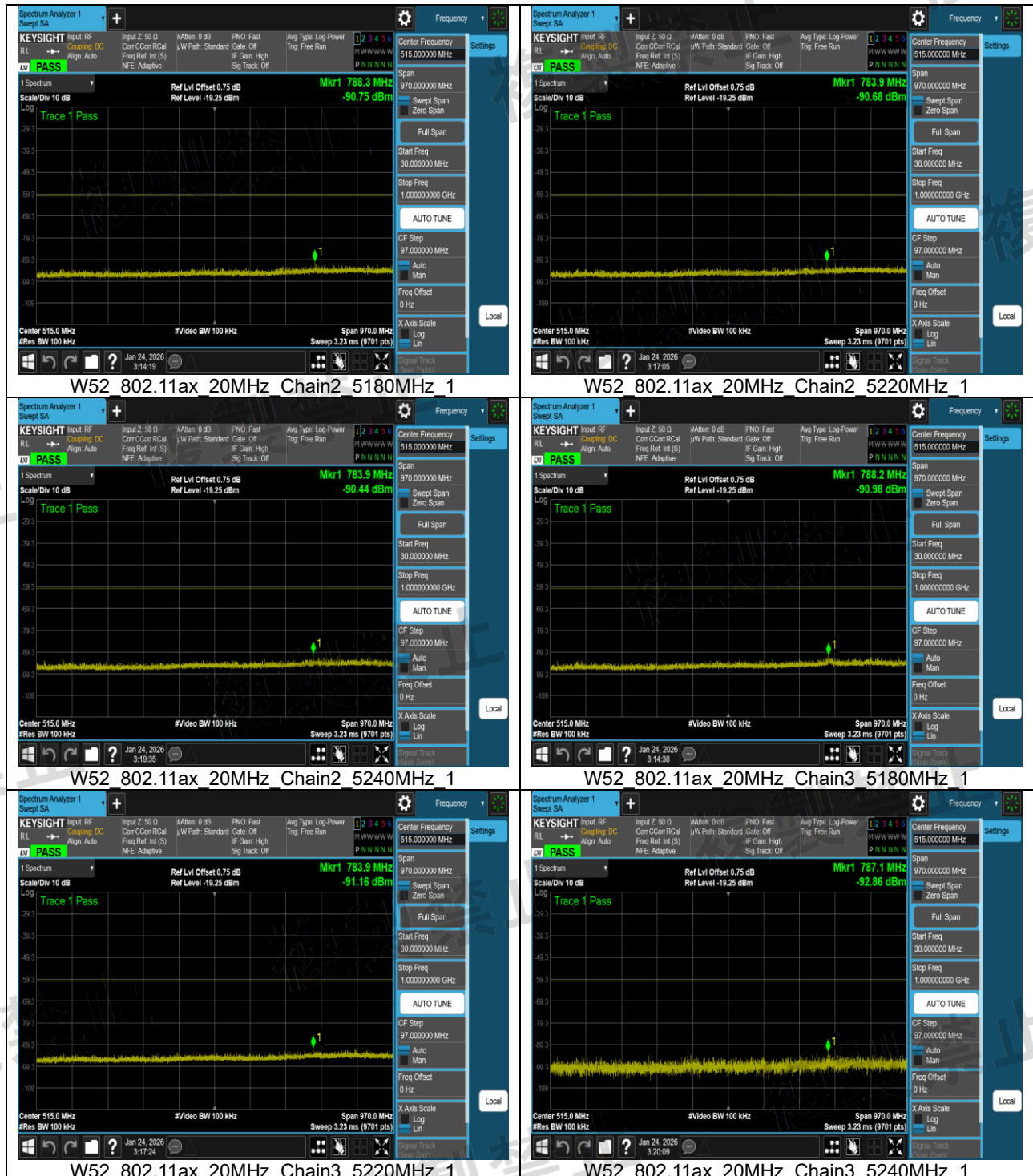


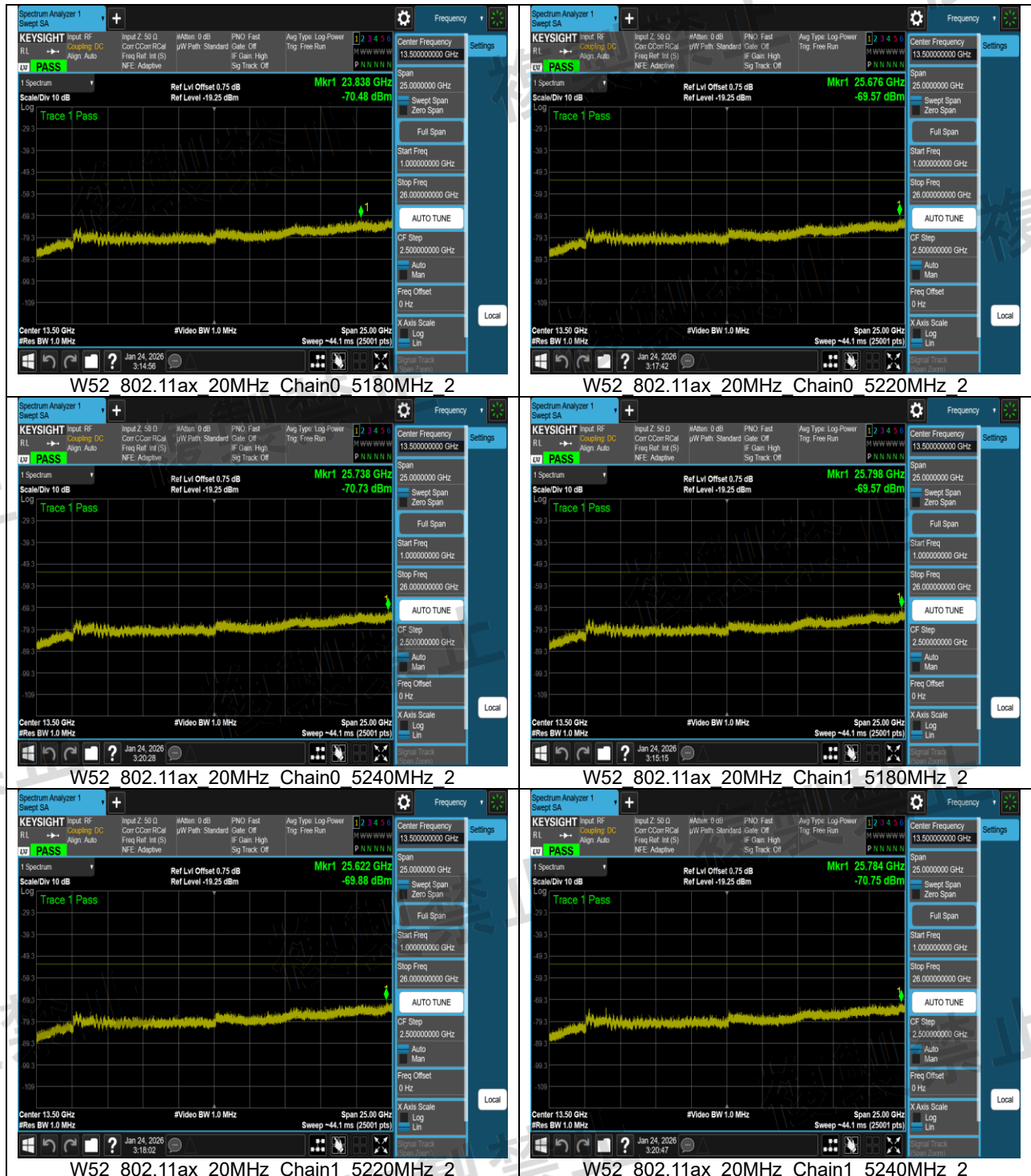


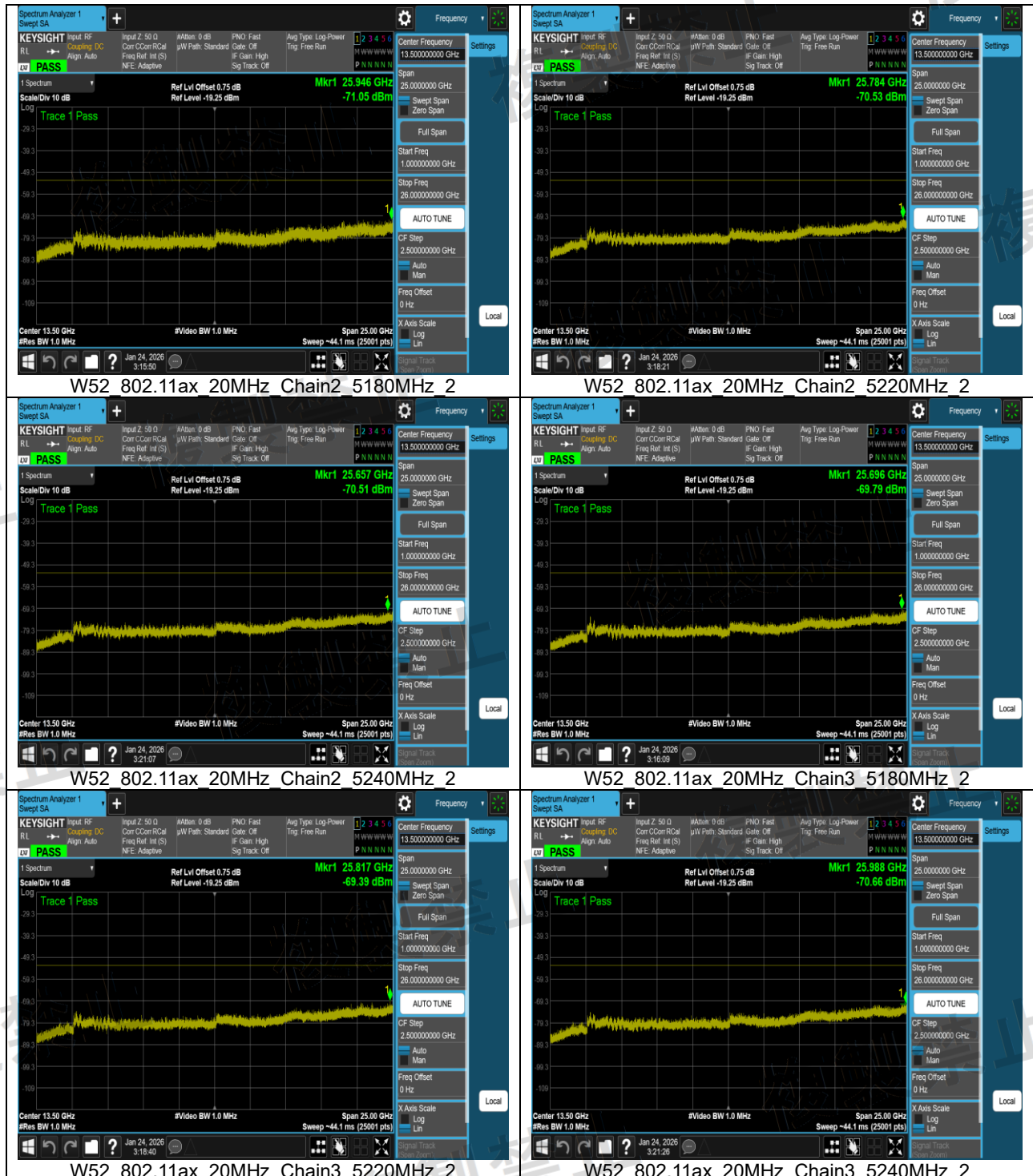






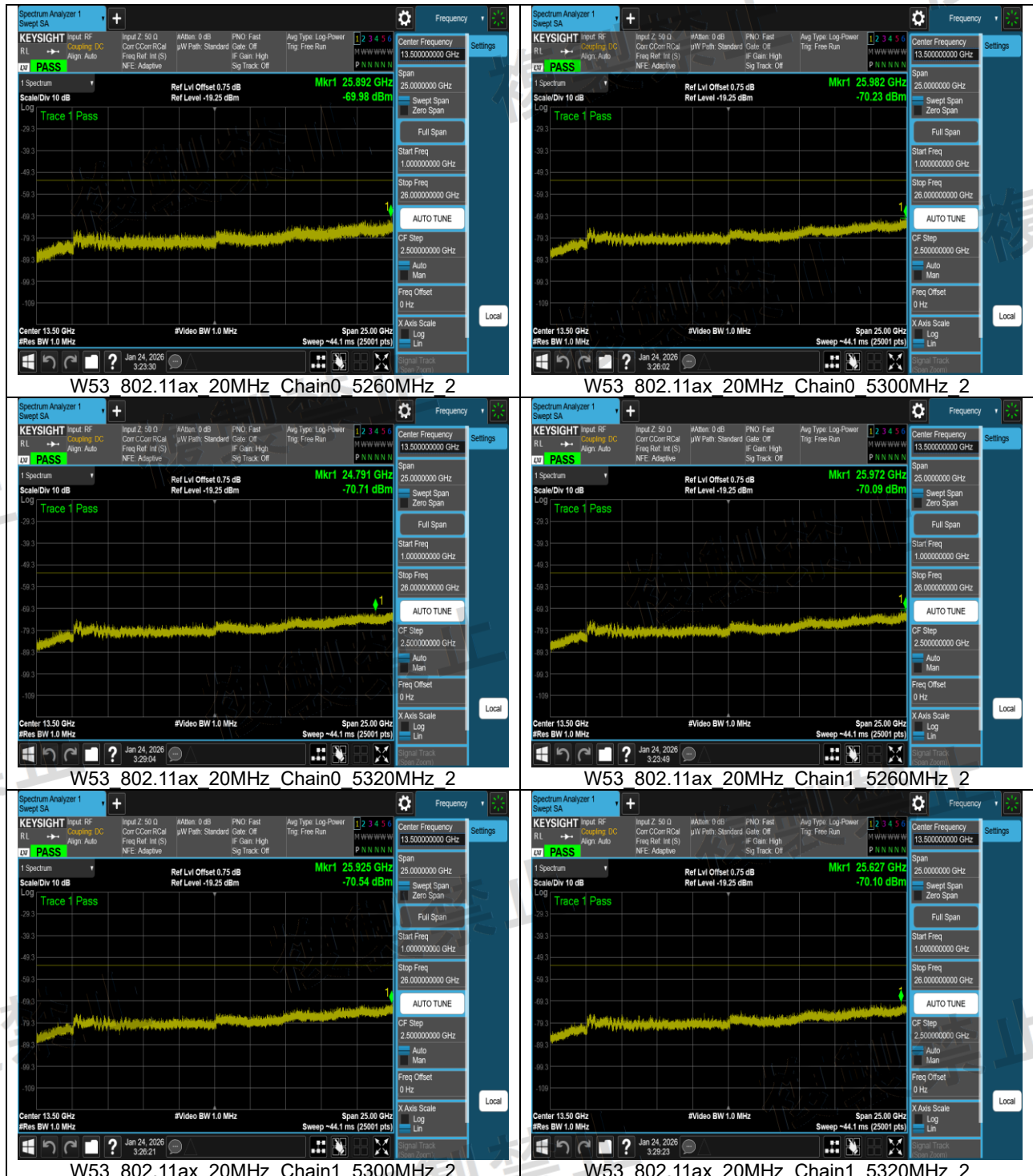


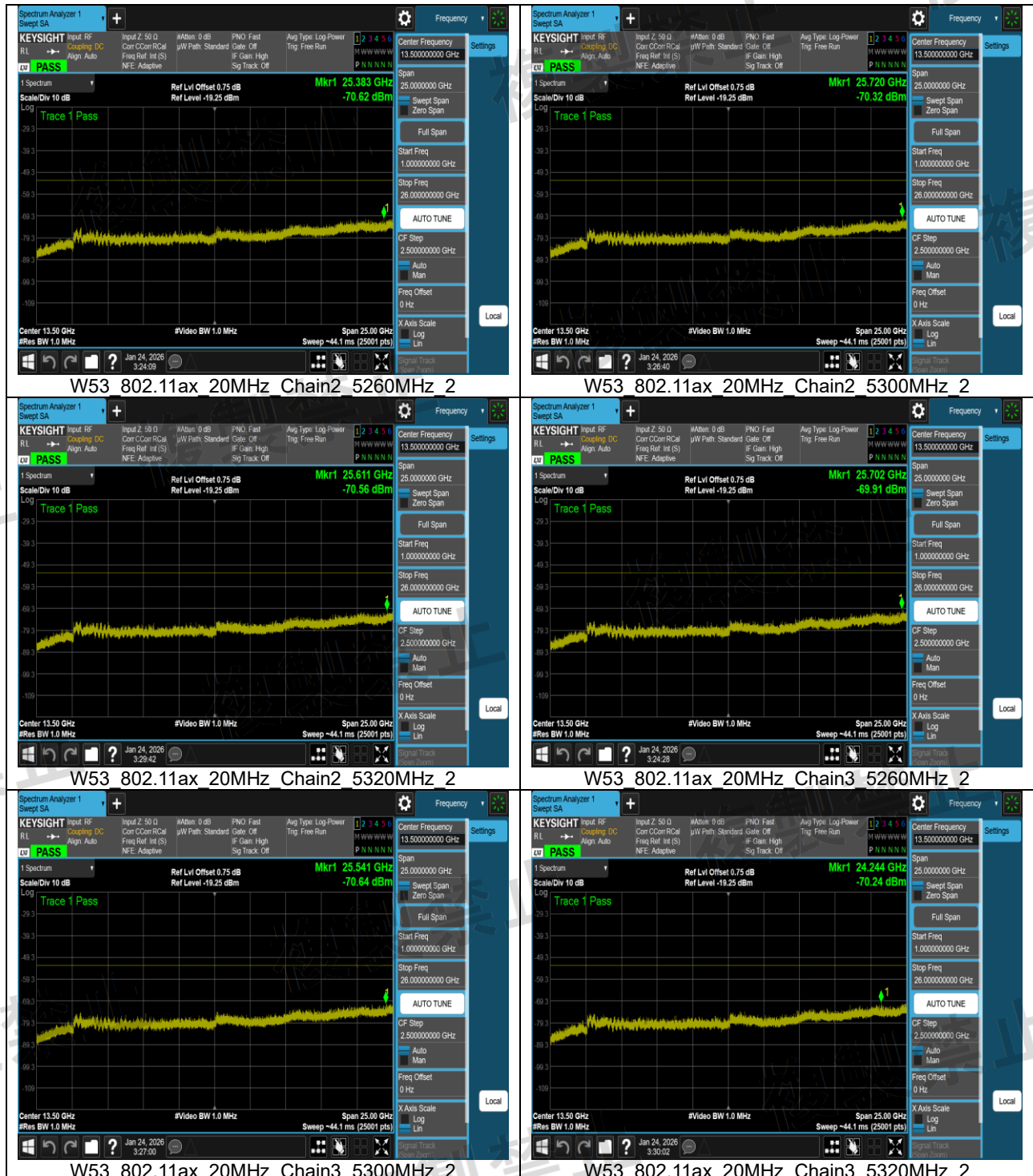






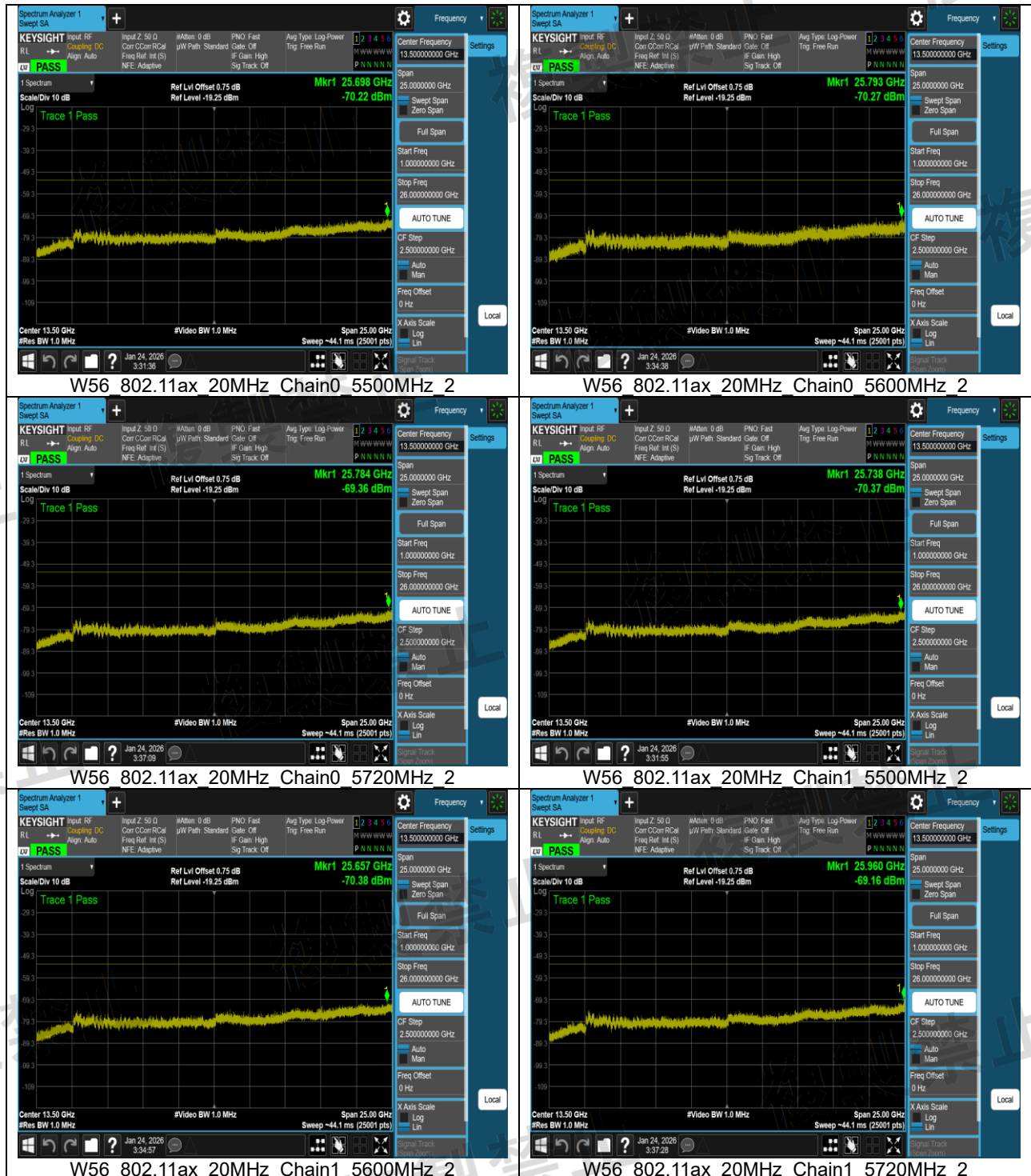


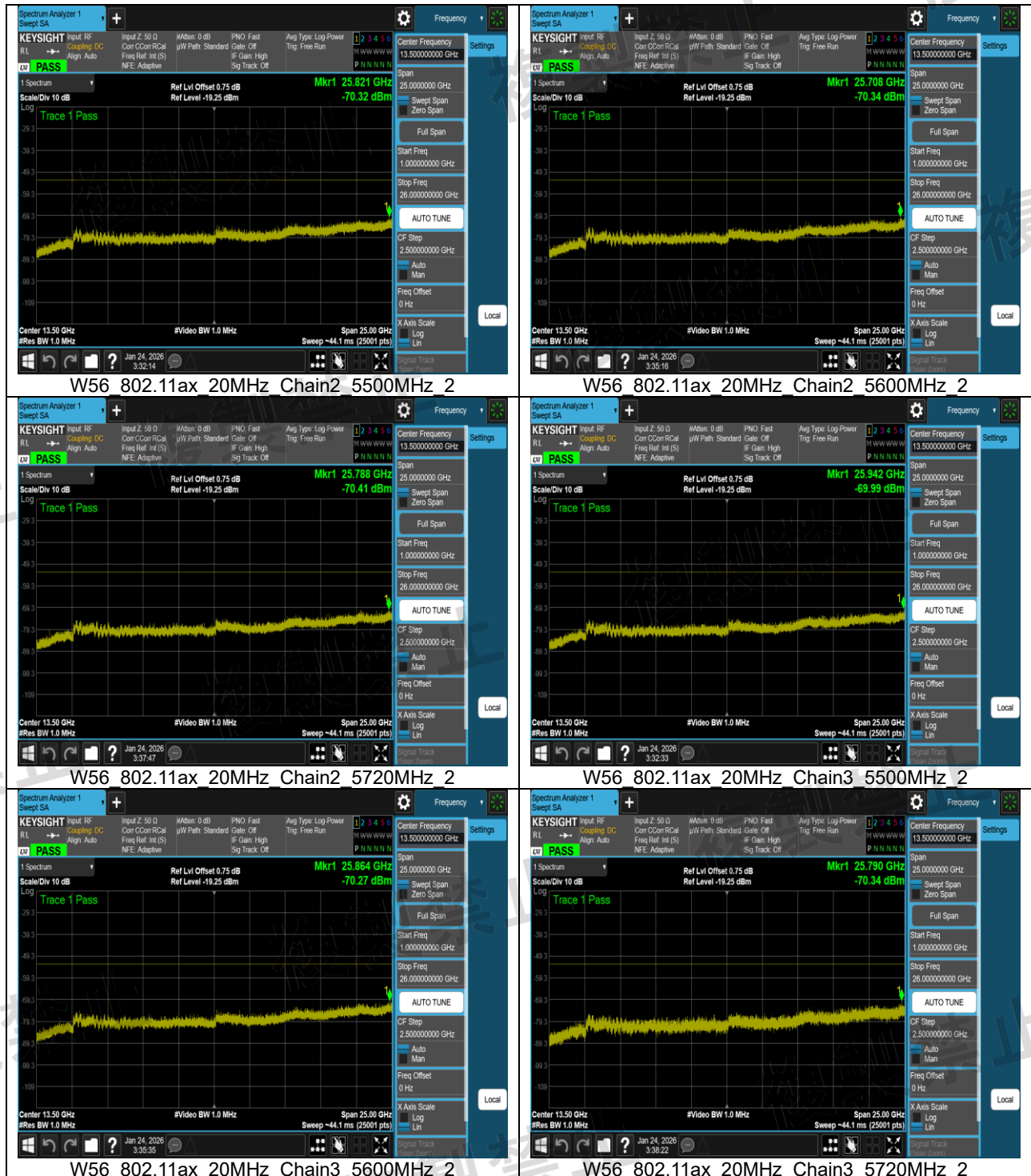












6.7 TRANSMITTER BURST LENGTH & CARRIER SENSE CAPABILITY

Temperature: 22.1°C
Humidity: 56% RHTest date: March 4, 2026
Tested by: Marco Chan

TEST RESULT

IEEE 802.11a

W52 & W53

Channel	Limit (dBm)	Result	Judgment
5180	-46.00	-53.83	PASS
5220	-46.06	-53.53	PASS
5240	-46.10	-53.73	PASS
5260	-46.13	-53.83	PASS
5300	-46.20	-51.93	PASS
5320	-46.23	-57.13	PASS

SG reference level	disconnect Freq.(MHz)	disconnect level	Loss
-30.47	5180	-38.3	-15.53
-30.53	5220	-38.0	-15.53
-30.57	5240	-38.2	-15.53
-30.60	5260	-38.3	-15.53
-30.67	5300	-36.4	-15.53
-30.70	5320	-41.6	-15.53

(SG to EUT path)

W56

Channel	Limit (dBm)	Result	Judgment
5500	-46.52	-54.93	PASS
5600	-46.67	-55.13	PASS
5700	-46.83	-55.03	PASS

SG reference level	disconnect Freq.(MHz)	disconnect level	Loss
-30.99	5500	-39.4	-15.53
-31.14	5600	-39.6	-15.53
-31.30	5700	-39.5	-15.53

(SG to EUT path)

IEEE 802.11n HT20

W52 & W53

Channel	Limit (dBm)	Result	Judgment
5180	-46.00	-49.63	PASS
5220	-46.06	-49.43	PASS
5240	-46.10	-49.53	PASS
5260	-46.13	-52.63	PASS
5300	-46.20	-51.93	PASS
5320	-46.23	-53.13	PASS

SG reference level	disconnect Freq.(MHz)	disconnect level	Loss
-30.47	5180	-34.1	-15.53
-30.53	5220	-33.9	-15.53
-30.57	5240	-34	-15.53
-30.60	5260	-37.1	-15.53
-30.67	5300	-36.4	-15.53
-30.70	5320	-37.6	-15.53

(SG to EUT path)

W56

Channel	Limit (dBm)	Result	Judgment
5500	-46.52	-53.13	PASS
5600	-46.67	-51.33	PASS
5700	-46.83	-52.93	PASS

SG reference level	disconnect Freq.(MHz)	disconnect level	Loss
-30.99	5500	-37.6	-15.53
-31.14	5600	-35.8	-15.53
-31.30	5700	-37.4	-15.53

(SG to EUT path)

IEEE 802.11ax HE20

W52 & W53

Channel	Limit (dBm)	Result	Judgment
5180	-46.00	-50.23	PASS
5220	-46.06	-50.33	PASS
5240	-46.10	-50.33	PASS
5260	-46.13	-52.13	PASS
5300	-46.20	-52.33	PASS
5320	-46.23	-52.33	PASS

SG reference level	disconnect Freq.(MHz)	disconnect level	Loss
-30.47	5180	-34.7	-15.53
-30.53	5220	-34.8	-15.53
-30.57	5240	-34.8	-15.53
-30.60	5260	-36.6	-15.53
-30.67	5300	-36.8	-15.53
-30.70	5320	-36.8	-15.53

(SG to EUT path)

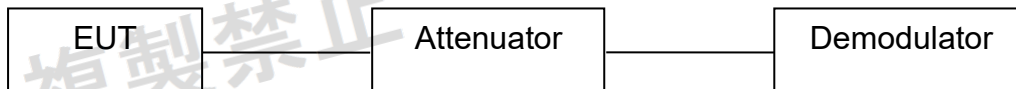
W56

Channel	Limit (dBm)	Result	Judgment
5500	-46.52	-53.53	PASS
5600	-46.67	-53.43	PASS
5700	-46.83	-53.33	PASS

SG reference level	disconnect Freq.(MHz)	disconnect level	Loss
-30.99	5500	-38	-15.53
-31.14	5600	-37.9	-15.53
-31.30	5700	-37.8	-15.53

(SG to EUT path)

7 INTERFERENCE PREVENTION FUNCTION



Interference Prevention Function	By identifying the characteristics of the modulation scheme of the received radio waves and others, shall be able to identify the reflected waves of the radio waves which local station transmitted and the radio waves transmitted by other radio stations.
MAC Address	44:a8:42:ff:69:04
Result	PASS

- End of Test Report -