

TEST REPORT

Report number : CTK-2020-00544

Issue date : 2020-02-05

Applicant : EUCAST Co., Ltd.
4F Sungok Bldg, 262, Hwangsaoul-ro, Bundang-gu,
Seongnam-si, Gyeonggi-do, Korea, 13595

Equipment under test (EUT) : EL2000

Model name : EL2141-2623

Date of test : 2020.01.30 - 2020.02.05

Test place : CTK Co., Ltd.
RF Test room

Test results : PASS

The results in this report are applicable only to the equipment tested.
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and shall be noted in the revision section of the document.
Any alteration of this document not carried out by CTK Co., Ltd.
will constitute fraud and shall nullify the document.

Tested by;

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1. Summary of Test

1. Purpose of test

Ordinance on Technical Standards Conformity Certification of Specified Radio Equipment
Mobile radio communication land mobile relay station

2. Standards

Certification Ordinance Article 2 Clause 1 Item53

1) Test Methods

Ministry of Internal Affairs and Communications Notification Article 88 Appendix 74

2) Deviation from standards

None

3. List of applied test to the EUT

Article 88 Appendix 85	Classification of EUT	Condition	Result
1	Voltage fluctuation	Conducted	PASS
3	Environment	Conducted	PASS
2	Frequency Tolerance	Conducted	PASS
4	Occupied Bandwidth	Conducted	PASS
5 or 6	Unwanted (Spurious) Emission Strength	Conducted	PASS
7 or 8	Adjacent Channel Leakage Power	Conducted	PASS
9	Amplification characteristics	Conducted	PASS
10	RF Output Power Tolerance	Conducted	PASS
11	Secondary Emitted Radio Wave	Conducted	PASS
12	Overall operation	Conducted	PASS

1) Test set up

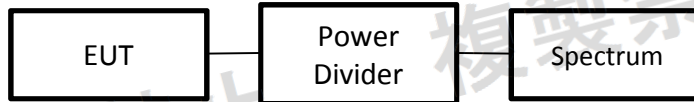
Table-Top

2) Modification to the EUT by laboratory

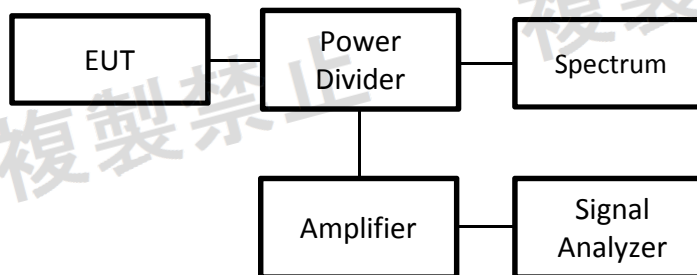
None

2. Configuration of equipment

1. Overall operation, Frequency tolerance, Occupied bandwidth, RF output power tolerance, Adjacent Channel Leakage Power, Unwanted(Spurious) emission strength, Secondary emitted radio wave strength



2. Transmission intermodulation characteristic



3. Test results

Environment of test room	Date of test	2020/
	Temperature	23.9 °C
	Humidity	69.3 %

Peak Antenna Gain	1.82	dBi
Declaration Output Power	0.1	W
	20.0000	dBm
E.I.R.P.	21.8200	dBm
Input Power Voltage *4	12.0	VDC

Tested Circuit Insertion Loss		ANT1	ANT2	Combiner connection(ANT1+2)	dB
		1.53	1.53	11.07	
Transmission Time	ON TIME	3.765	3.765	-Not applicable-	ms
	OFF TIME	1.218	1.218	-Not applicable-	ms
	Ratio	0.7556	0.7556	-Not applicable-	-

Test category ;	TD-LTE Land Mobile Station (Frequency band:2.5GHz band,Channel separation:10MHz)
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The reason why the tests are performed only at rated voltage:	When the input voltage to receiver RF circuit varies below $\pm 1\%$ as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power supply).
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Measurement Channel		Ch.	1st Channel	2nd Channel	Result	Limit	Note
Measurement Frequency		MHz	2580	2590			
Frequency Tolerance	Normal condition(ANT1)	ppm	-0.00094	0.00129	PASS	$\pm 3 \times 10^{-6}$	
	Normal condition(ANT2)	ppm	-0.00063	0.00046	PASS		
	Low temperature test(ANT1)	ppm	-0.00159	-0.00165	PASS	$\pm 3 \times 10^{-6}$	-20°C
	Low temperature test(ANT2)	ppm	-0.00091	-0.00144	PASS		
	High temperature test(ANT1)	ppm	-0.00080	-0.00132	PASS	$\pm 3 \times 10^{-6}$	60°C
	High temperature test(ANT2)	ppm	0.00061	0.00087	PASS		
	After the humidity test(ANT1)	ppm	0.00044	-0.00049	PASS	$\pm 3 \times 10^{-6}$	35°C,95%
Occupied Bandwidth(ANT1)		MHz	8.93	8.93	PASS	10MHz	
Occupied Bandwidth(ANT2)		MHz	8.93	8.93	PASS		
RF Output Power(ANT1)		dBm	16.55	16.22	PASS	43dBm	
RF Output Power(ANT2)		dBm	16.90	16.08			
RF Output Power(ANT1)		W	0.060	0.055		20W	
RF Output Power(ANT2)		W	0.065	0.054			
RF Output Power(ANT1+2)		W	0.125	0.109			
RF Output Power Tolerance(ANT1+2)		%	24.625924	9.096876		+87 to -47%	
Adjacent Channel Leakage Power	Cf -10MHz(ANT1)	dBm/30kHz	-24.60	-29.42	PASS	3dBm/30kHz	
	Cf -10MHz(ANT2)	dBm/30kHz	-33.26	-33.36	PASS		
	Cf -10MHz(ANT1+2)	dBm/30kHz	-24.05	-27.95	PASS		
	Cf -10MHz(Combiner_ANT1+2)	dBm/30kHz	-28.25	-29.68	PASS		
	Cf +10MHz(ANT1)	dBm/30kHz	-25.20	-30.16	PASS	3dBm/30kHz	
	Cf +10MHz(ANT2)	dBm/30kHz	-33.85	-33.90	PASS		
	Cf +10MHz(ANT1+2)	dBm/30kHz	-24.64	-28.63	PASS		
	Cf +10MHz(Combiner_ANT1+2)	dBm/30kHz	-26.51	-29.85	PASS		
Transmission intermodulation characteristic	Cf -20MHz(ANT1)	dBm/1MHz	-44.19	-44.67	PASS	-22dBm/1MHz	
	Cf -20MHz(ANT2)		-44.08	-43.30	PASS		
	Simultaneous transmission Cf -20MHz(ANT1)		-43.99	-45.04	PASS		
	Simultaneous transmission Cf -20MHz(ANT2)		-44.02	-43.32	PASS		
	Cf -10MHz(ANT1)	dBm/30kHz	-25.87	-29.85	PASS	3dBm/30kHz	
	Cf -10MHz(ANT2)		-33.75	-34.02	PASS		
	Simultaneous transmission Cf -10MHz(ANT1)		-26.56	-28.76	PASS		
	Simultaneous transmission Cf -10MHz(ANT2)		-33.92	-32.98	PASS		
	Cf +10MHz(ANT1)	dBm/30kHz	-27.00	-30.60	PASS	3dBm/30kHz	
	Cf +10MHz(ANT2)		-34.43	-34.57	PASS		
	Simultaneous transmission Cf +10MHz(ANT1)		-27.03	-30.20	PASS		
	Simultaneous transmission Cf +10MHz(ANT2)		-34.88	-34.28	PASS		
	Cf +20MHz(ANT1)	dBm/1MHz	-44.76	-44.88	PASS	-22dBm/1MHz	
	Cf +20MHz(ANT2)		-43.92	-43.53	PASS		
	Simultaneous transmission Cf +20MHz(ANT1)		-44.79	-44.45	PASS		
	Simultaneous transmission Cf +20MHz(ANT2)		-43.86	-42.68	PASS		

Measurement Channel			Ch.	1st Channel	2nd Channel			
Measurement Frequency			MHz	2580	2590	Result	Limit	Note
Unwanted (Spurious) Emission Strength	0.009 to 0.15MHz(ANT1)		dBm/1kHz	-62.62	-60.82	PASS	-13dBm/1kHz	
			MHz	0.010	0.011	----	----	
	0.009 to 0.15MHz(ANT2)		dBm/1kHz	-62.12	-61.45	PASS	-13dBm/1kHz	
			MHz	0.010	0.010	----	----	
	0.009 to 0.15MHz(ANT1+2)			dBm/1kHz	-59.35	-58.11	PASS	-13dBm/1kHz
	Simultaneous transmission	0.009 to 0.15MHz(ANT1)	dBm/1kHz	-59.19	-56.18	PASS	-13dBm/1kHz	
			MHz	0.010	0.010	----	----	
		0.009 to 0.15MHz(ANT2)	dBm/1kHz	-61.67	-55.00	PASS	-13dBm/1kHz	
			MHz	0.010	0.014	----	----	
	0.15 to 30MHz(ANT1)			dBm/10kHz	-61.66	-63.01	PASS	-13dBm/10kHz
				MHz	0.150	0.180	----	----
	0.15 to 30MHz(ANT2)			dBm/10kHz	-64.34	-63.55	PASS	-13dBm/10kHz
				MHz	0.150	0.150	----	----
	0.15 to 30MHz(ANT1+2)			dBm/10kHz	-59.79	-60.26	PASS	-13dBm/10kHz
	Simultaneous transmission	0.15 to 30MHz(ANT1)	dBm/10kHz	-62.69	-54.48	PASS	-13dBm/10kHz	
			MHz	0.150	0.150	----	----	
		0.15 to 30MHz(ANT2)	dBm/10kHz	-61.24	-59.28	PASS	-13dBm/10kHz	
			MHz	0.150	0.150	----	----	
	30 to 1000MHz(ANT1)			dBm/100kHz	-63.44	-63.63	PASS	-13dBm/100kHz
				MHz	983.510	808.910	----	----
	30 to 1000MHz(ANT2)			dBm/100kHz	-63.52	-63.36	PASS	-13dBm/100kHz
				MHz	730.340	744.890	----	----
	30 to 1000MHz(ANT1+2)			dBm/100kHz	-60.47	-60.48	PASS	-13dBm/100kHz
	Simultaneous transmission	30 to 1000MHz(ANT1)	dBm/100kHz	-62.98	-63.60	PASS	-13dBm/100kHz	
			MHz	819.580	917.550	----	----	
		30 to 1000MHz(ANT2)	dBm/100kHz	-63.73	-62.71	PASS	-13dBm/100kHz	
			MHz	790.480	959.260	----	----	
	1000 to 2505MHz(ANT1)			dBm/1MHz	-50.50	-52.55	PASS	-13dBm/1MHz
				MHz	2408.700	2362.000	----	----
	1000 to 2505MHz(ANT2)			dBm/1MHz	-50.35	-52.95	PASS	-13dBm/1MHz
				MHz	2347.000	2303.300	----	----
	1000 to 2505MHz(ANT1+2)			dBm/1MHz	-47.41	-49.74	PASS	-13dBm/1MHz
	Simultaneous transmission	1000 to 2505MHz(ANT1)	dBm/1MHz	-52.34	-51.62	PASS	-13dBm/1MHz	
			MHz	2176.000	2306.300	----	----	
		1000 to 2505MHz(ANT2)	dBm/1MHz	-51.48	-51.79	PASS	-13dBm/1MHz	
			MHz	2476.000	2086.600	----	----	
	2505 to 2535MHz(ANT1)			dBm/1MHz	-49.49	-52.11	PASS	-42dBm/1MHz
				MHz	2511.450	2523.660	----	----
	2505 to 2535MHz(ANT2)			dBm/1MHz	-48.37	-50.73	PASS	-42dBm/1MHz
				MHz	2526.720	2513.640	----	----
	2505 to 2535MHz(ANT1+2)			dBm/1MHz	-45.88	-48.36	PASS	-42dBm/1MHz
	Simultaneous transmission	2505 to 2535MHz(ANT1)	dBm/1MHz	-51.90	-52.23	PASS	-42dBm/1MHz	
MHz			2534.910	2532.180	----	----		
2505 to 2535MHz(ANT2)		dBm/1MHz	-51.17	-51.70	PASS	-42dBm/1MHz		
		MHz	2507.100	2530.080	----	----		
2535 to (cf-25)MHz(ANT1)			dBm/1MHz	-47.36	-48.98	PASS	-22dBm/1MHz	
			MHz	2542.580	2560.020	----	----	
2535 to (cf-25)MHz(ANT2)			dBm/1MHz	-45.83	-49.93	PASS	-22dBm/1MHz	
			MHz	2554.780	2558.880	----	----	
2535 to (cf-25)MHz(ANT1+2)			dBm/1MHz	-43.52	-46.42	PASS	-22dBm/1MHz	
Simultaneous transmission	2535 to (cf-25)MHz(ANT1)	dBm/1MHz	-32.11	-48.98	PASS	-22dBm/1MHz		
		MHz	2554.860	2548.050	----	----		
	2535 to (cf-25)MHz(ANT2)	dBm/1MHz	-36.39	-49.31	PASS	-22dBm/1MHz		
		MHz	2554.900	2539.380	----	----		
(cf+25) to 2655MHz(ANT1)			dBm/1MHz	-46.57	-49.35	PASS	-22dBm/1MHz	
			MHz	2633.350	2623.480	----	----	
(cf+25) to 2655MHz(ANT2)			dBm/1MHz	-45.94	-49.37	PASS	-22dBm/1MHz	
			MHz	2645.350	2615.680	----	----	
(cf+25) to 2655MHz(ANT1+2)			dBm/1MHz	-43.23	-46.35	PASS	-22dBm/1MHz	
Simultaneous transmission	(cf+25) to 2655MHz(ANT1)	dBm/1MHz	-41.93	-49.88	PASS	-22dBm/1MHz		
		MHz	2605.050	2644.400	----	----		
	(cf+25) to 2655MHz(ANT2)	dBm/1MHz	-40.77	-49.06	PASS	-22dBm/1MHz		
		MHz	2605.150	2628.280	----	----		
2655MHz to 13.5GHz(ANT1)			dBm/1MHz	-35.14	-36.62	PASS	-13dBm/1MHz	
			MHz	7741.000	7774.000	----	----	
2655MHz to 13.5GHz(ANT2)			dBm/1MHz	-38.19	-40.53	PASS	-13dBm/1MHz	
			MHz	7741.000	7774.000	----	----	
2655MHz to 13.5GHz(ANT1+2)			dBm/1MHz	-33.39	-35.14	PASS	-13dBm/1MHz	
Simultaneous transmission	2655MHz to 13.5GHz(ANT1)	dBm/1MHz	-38.76	-37.94	PASS	-13dBm/1MHz		
		MHz	7741.000	7774.000	----	----		
	2655MHz to 13.5GHz(ANT2)	dBm/1MHz	-42.23	-42.06	PASS	-13dBm/1MHz		
		MHz	7741.000	7774.000	----	----		

Measurement Channel			Ch.	1st Channel	2nd Channel			
Measurement Frequency			MHz	2580	2590	Result	Limit	Note
Tx Spurious (Out of band)	(cf-25) to (cf-15)MHz(ANT1)		dBm/1MHz	-42.61	-42.30	PASS	-22dBm/1MHz	30kHz: +15.2dB
			MHz	2564.870	2574.870	----	----	
	(cf-25) to (cf-15)MHz(ANT2)		dBm/1MHz	-42.04	-41.12	PASS	-22dBm/1MHz	
			MHz	2564.640	2574.180	----	----	
	(cf-25) to (cf-15)MHz(ANT1+2)		dBm/1MHz	-39.31	-38.66	PASS	-22dBm/1MHz	
		Simultaneous transmission	(cf-25) to (cf-15)MHz(ANT1)	dBm/1MHz	-44.57	-40.93	PASS	-22dBm/1MHz
			MHz	2563.640	2574.580	----	----	
	(cf-25) to (cf-15)MHz(ANT2)		dBm/1MHz	-41.83	-40.68	PASS	-22dBm/1MHz	
			MHz	2564.210	2573.660	----	----	
	(cf+15) to (cf+25)MHz(ANT1)		dBm/1MHz	-45.57	-41.57	PASS	-22dBm/1MHz	30kHz: +15.2dB
			MHz	2596.170	2605.080	----	----	
	(cf+15) to (cf+25)MHz(ANT2)		dBm/1MHz	-43.17	-41.97	PASS	-22dBm/1MHz	
			MHz	2595.180	2605.240	----	----	
	(cf+15) to (cf+25)MHz(ANT1+2)		dBm/1MHz	-41.20	-38.76	PASS	-22dBm/1MHz	
		Simultaneous transmission	(cf+15) to (cf+25)MHz(ANT1)	dBm/1MHz	-45.69	-41.64	PASS	-22dBm/1MHz
			MHz	2595.790	2605.100	----	----	
	(cf+15) to (cf+25)MHz(ANT2)		dBm/1MHz	-42.61	-41.77	PASS	-22dBm/1MHz	
			MHz	2595.220	2605.540	----	----	
Secondary Emitted Radio Wave Strength	0.009 to 0.15MHz(ANT1)		dBm/1kHz	-79.61	-71.64	PASS	-54dBm/1kHz	
			MHz	0.010	0.011	----	----	
	0.009 to 0.15MHz(ANT2)		dBm/1kHz	-77.35	-70.39	PASS	-54dBm/1kHz	
			MHz	0.014	0.013	----	----	
	0.009 to 0.15MHz(ANT1+2)		dBm/1kHz	-75.32	-67.96	PASS	-54dBm/1kHz	
	0.15 to 30MHz(ANT1)		dBm/10kHz	-86.00	-78.98	PASS	-54dBm/10kHz	
			MHz	0.150	0.150	----	----	
	0.15 to 30MHz(ANT2)		dBm/10kHz	-83.02	-79.94	PASS	-54dBm/10kHz	
			MHz	0.150	0.150	----	----	
	0.15 to 30MHz(ANT1+2)		dBm/10kHz	-81.25	-76.42	PASS	-54dBm/10kHz	
	30 to 1000MHz(ANT1)		dBm/100kHz	-87.42	-88.01	PASS	-54dBm/100kHz	
			MHz	959.260	795.330	----	----	
	30 to 1000MHz(ANT2)		dBm/100kHz	-87.68	-87.31	PASS	-54dBm/100kHz	
			MHz	882.630	904.940	----	----	
	30 to 1000MHz(ANT1+2)		dBm/100kHz	-84.54	-84.64	PASS	-54dBm/100kHz	
1 to 13.5GHz(ANT1)		dBm/1MHz	-62.00	-59.71	PASS	-47dBm/1MHz		
		MHz	2575.000	2587.500	----	----		
	1 to 13.5GHz(ANT2)		dBm/1MHz	-66.36	-65.53	PASS		-47dBm/1MHz
			MHz	2575.000	2587.500	----	----	
1 to 13.5GHz(ANT1+2)		dBm/1MHz	-60.64	-58.70	PASS	-47dBm/1MHz		
Leakage Power when the carrier is not transmitted [2545-2625MHz](ANT1)			dBm/1MHz	-56.06	-57.43	PASS	-30dBm or below	
			MHz	2580.000	2590.000	----	----	
Leakage Power when the carrier is not transmitted [2545-2625MHz](ANT2)			dBm/1MHz	-56.40	-57.22	PASS	-30dBm or below	
			MHz	2580.000	2590.000	----	----	
Leakage Power when the carrier is not transmitted [2545-2625MHz](ANT1+2)			dBm/1MHz	-53.22	-54.31	PASS	-30dBm or below	
Burst Length of Transmitted Signals(ANT1+2)			msec	3.71	3.71	PASS	----	*3
Antenna gain			dBi	1.82		PASS	17dBi below	

*1: Except for the frequency band of the "CF ± 25MHz".

*2: May be changed if the limit value at the measurement frequency.

*3: Base station: M×625μs

Land mobile: N×625μs, M+N = 4, 8, or 16, ex) 5000 μs (N=8)

複製禁止

"X" used equipment.

The validity of measurement equipment is one year from the first day of the following month of the calibration date.

(TELEC, インターテックジャパン、キーサイト) が行う較正

(TELEC, インターテックジャパン、キーサイト) が行う較正

ロ：計量法（平成四年法律第五十一号）第百三十五条又は第百四十四条の規定に基づく校正（JCSS校正）

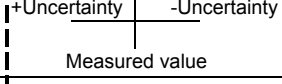
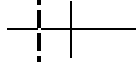
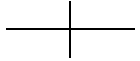
ハ)：外国において行う較正であつて、機構又は第百二条の十八第一項の指定較正機関（TELEC、インターテックジャパン、キーサイト）が行う較正に相当するもの

ニ)：イからハまでのいずれかに掲げる較正等を受けたものを用いて行う較正等

d) : Calibration conducted by using other equipment that listed above from a) to c)

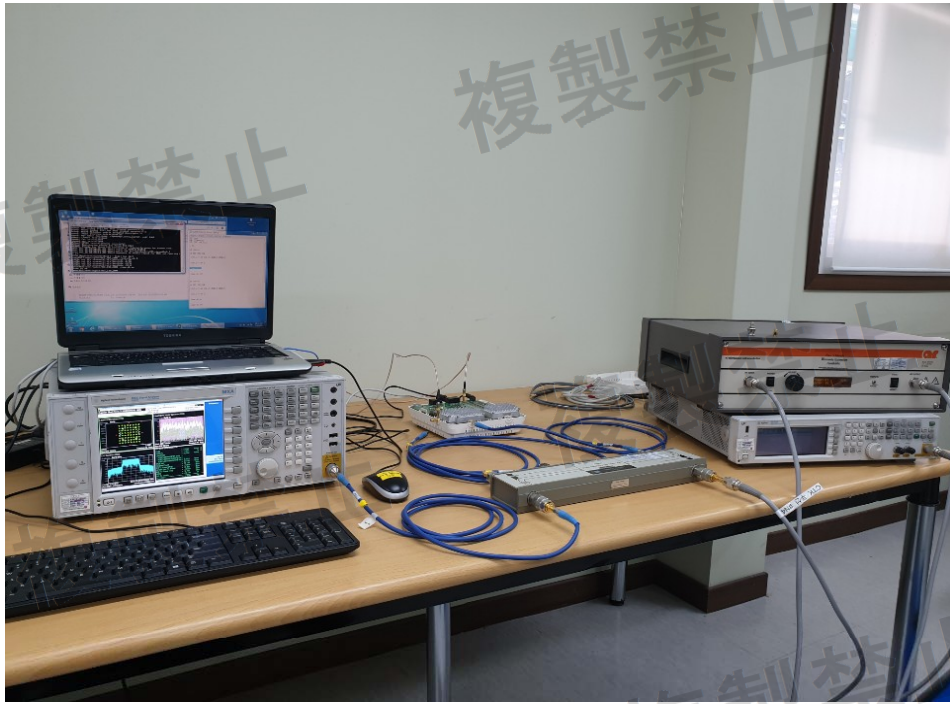
5. About uncertainty of measured value

Parameter	Uncertainty
Total RF power conducted	1.5dB
Spurious emissions conducted	3dB
Temperature	1°C
Humidity	5%
Frequency tolerance	0.1kHz
Occupied/Spread Bandwidths	0.1MHz

Judge	Measured value and standard limit value	
PASS	Case1  Even if it takes uncertainty into consideration, a standard limit value is fulfilled.	
	Case2  Although measured value is in a standard limit value, a limit value won't be fulfilled if uncertainty is taken into consideration	
FAIL	Case3  Although measured value exceeds a standard limit value, a limit value will be fulfilled if uncertainty is taken into consideration.	
	Case4  Even if it takes uncertainty into consideration, a standard limit value isn't fulfilled.	

6. Photographs

Conducted Measurement Photo



Temperature / Humidity test Measurement Photo

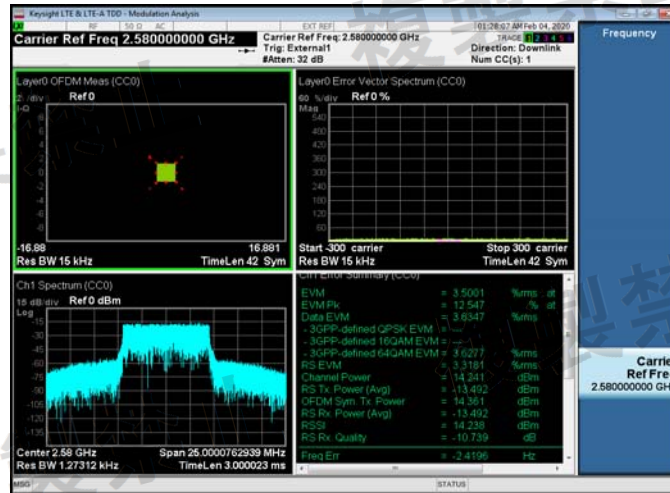


7. Test chart

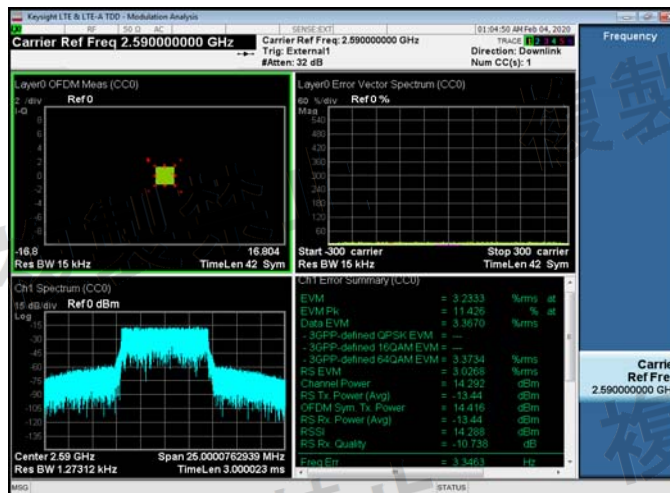
7.1 Frequency tolerance

ANT1

2580 MHz



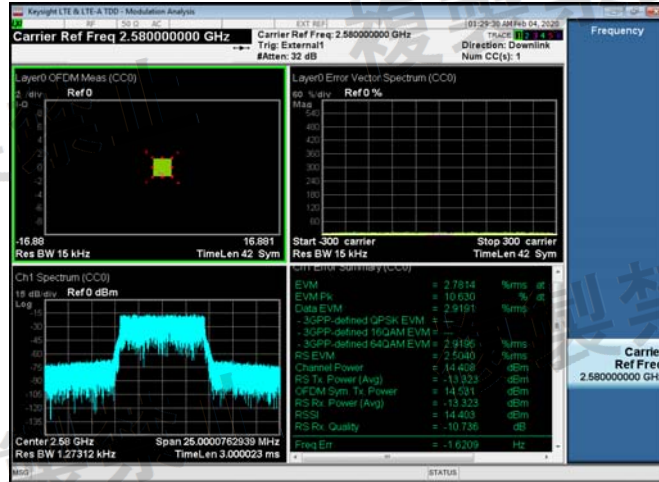
2590 MHz



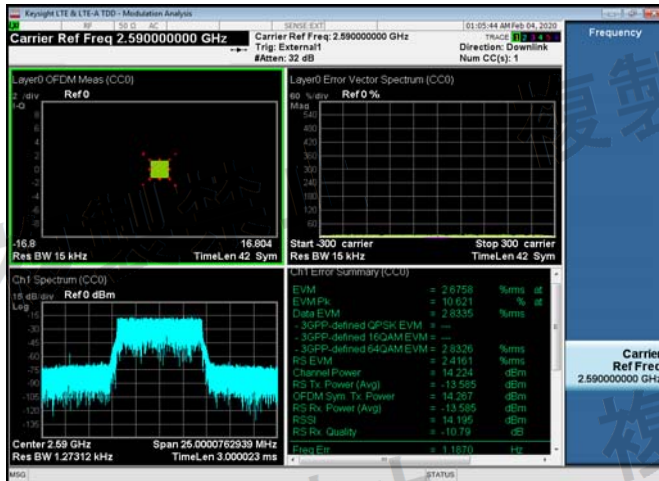
7.1 Frequency tolerance

ANT2

2580 MHz



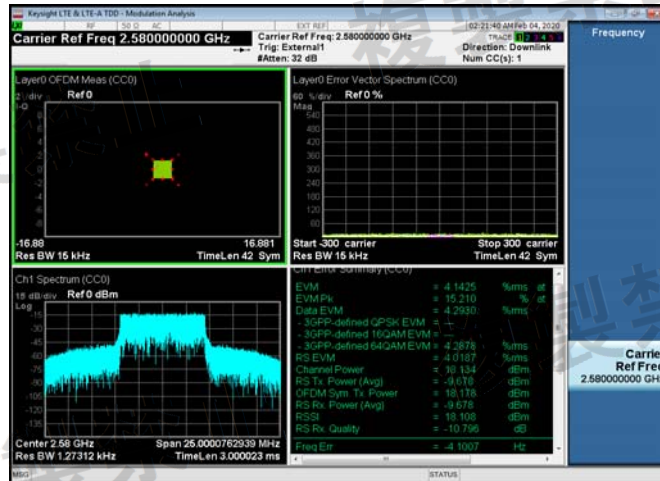
2590 MHz



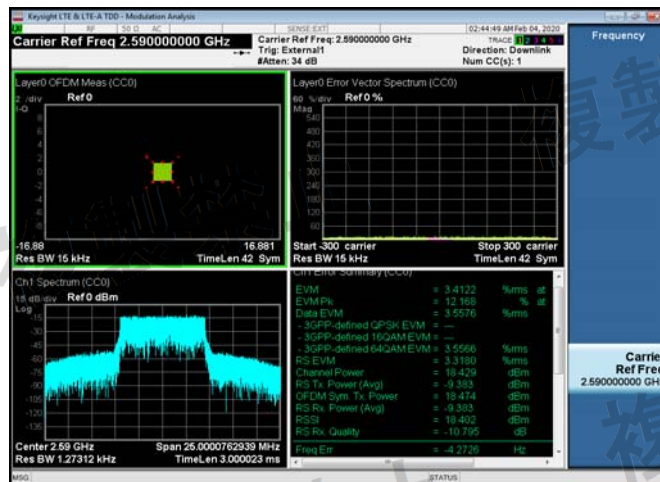
7.1.2 Low temperature test

ANT1

2580 MHz



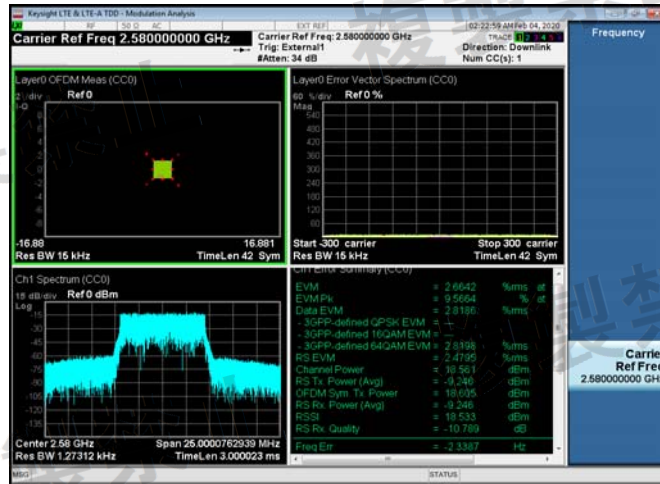
2590 MHz



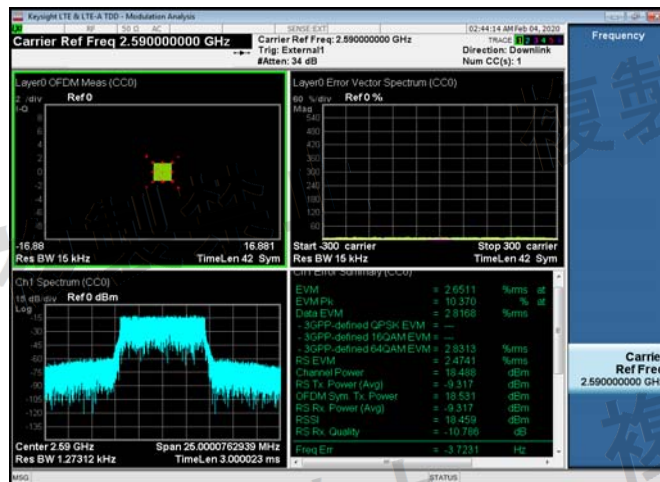
7.1.2 Low temperature test

ANT2

2580 MHz



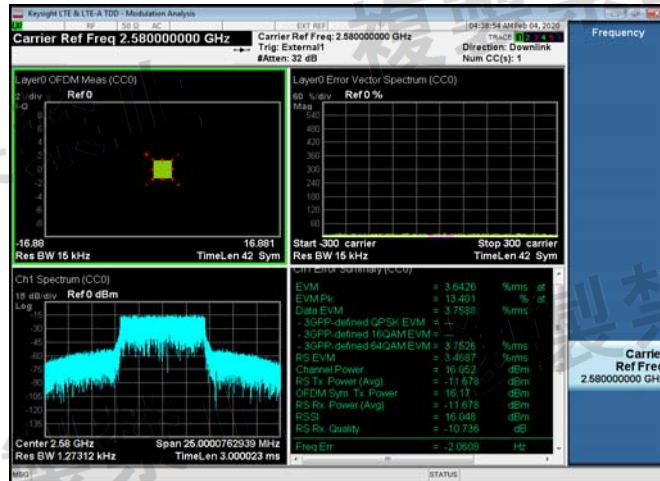
2590 MHz



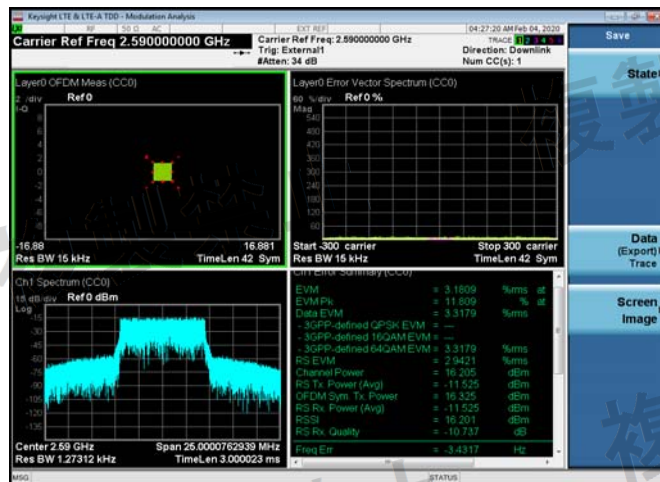
7.1.3 High temperature test

ANT1

2580 MHz



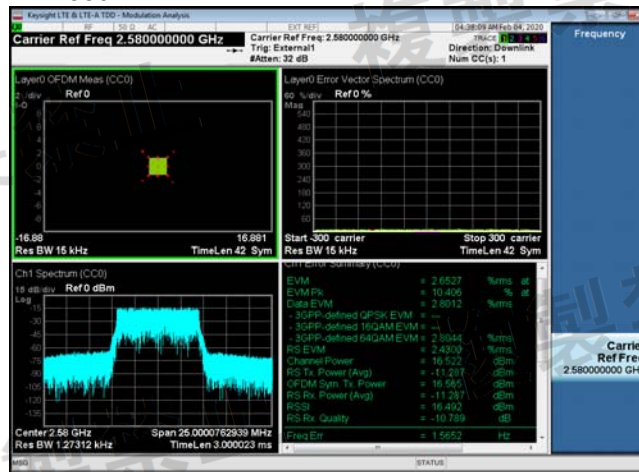
2590 MHz



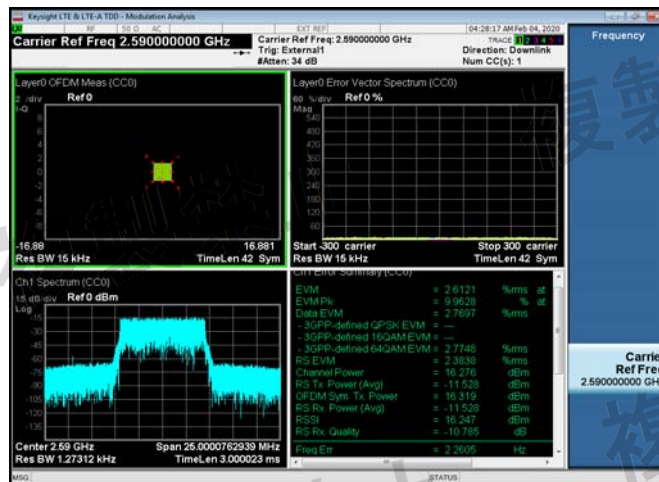
7.1.3 High temperature test

ANT2

2580 MHz



2590 MHz

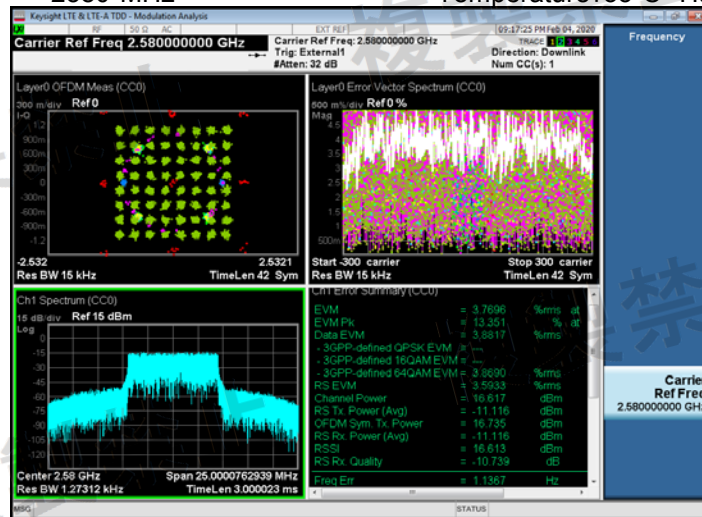


7.1.4 After the humidity test

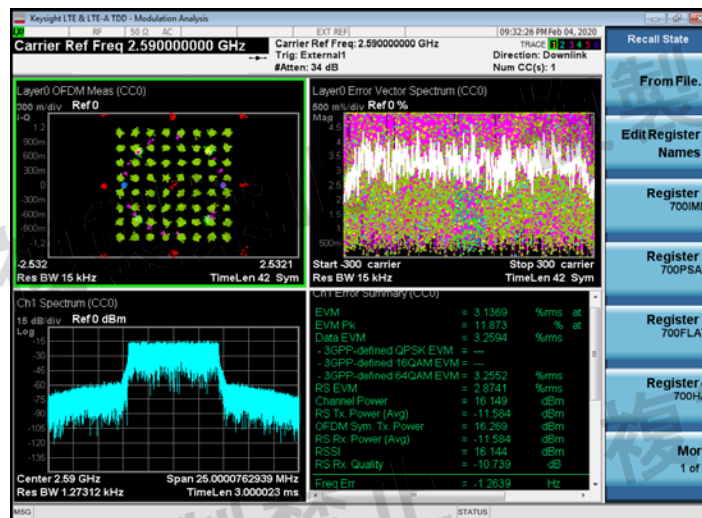
ANT1

2580 MHz

Temperature: 35°C Humidity: 95%



2590 MHz

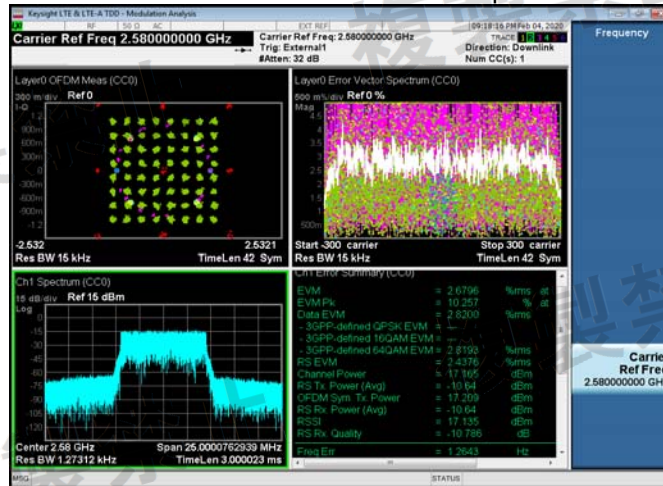


7.1.4 After the humidity test

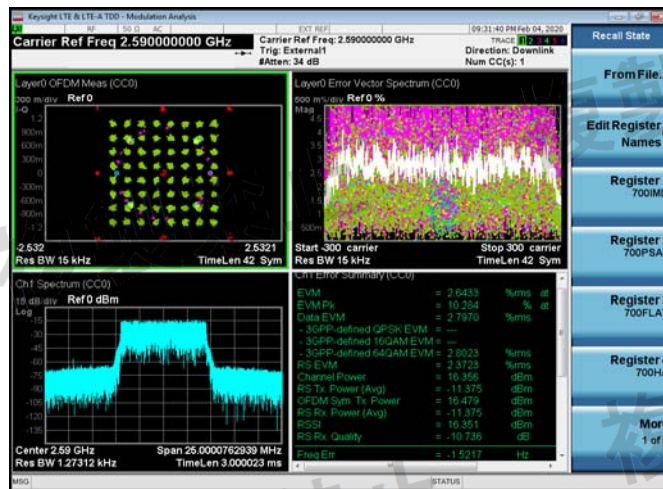
ANT2

2580 MHz

Temperature: 35°C Humidity: 95%



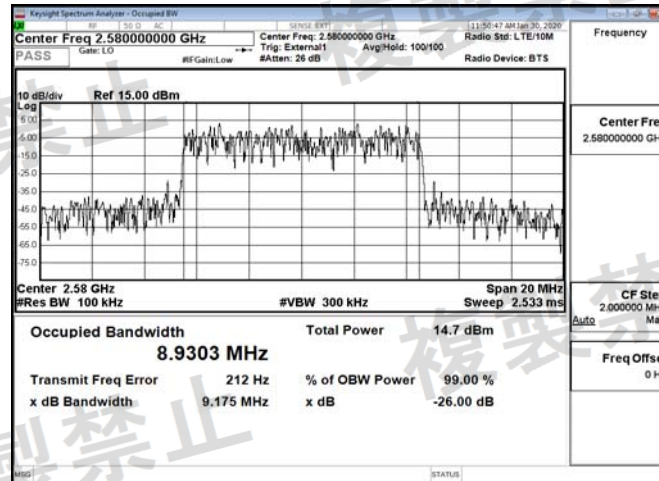
2590 MHz



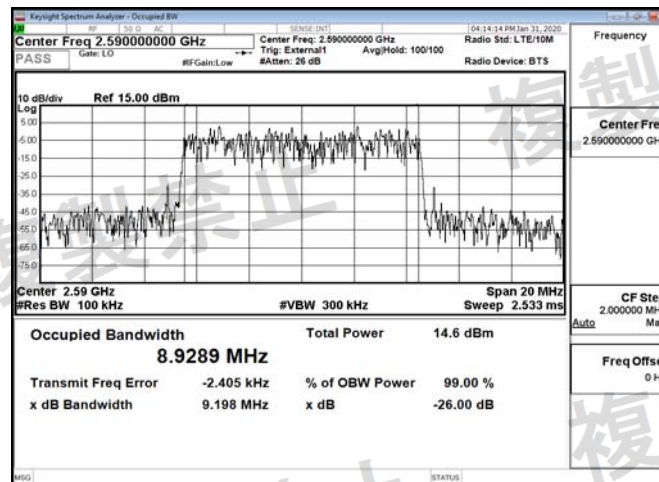
7.2 Occupied bandwidth

ANT1

2580 MHz



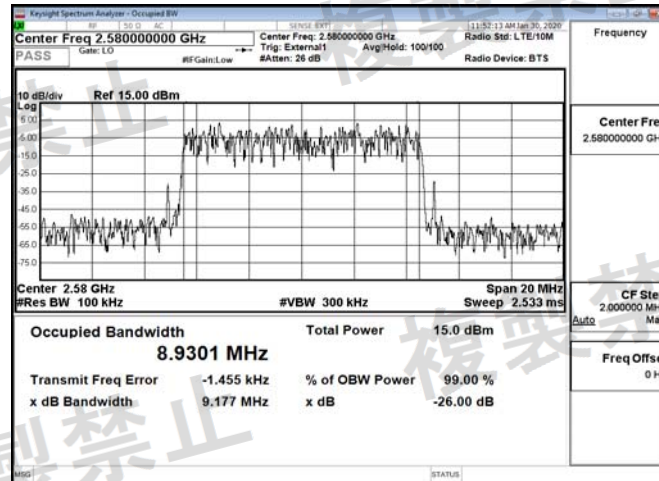
2590 MHz



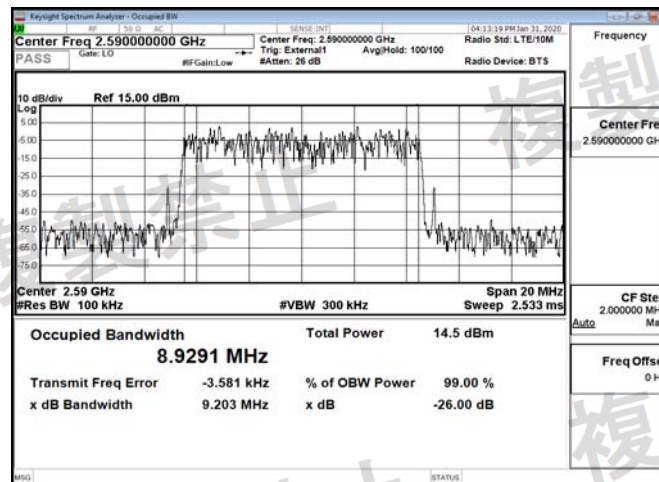
7.2 Occupied bandwidth

ANT2

2580 MHz



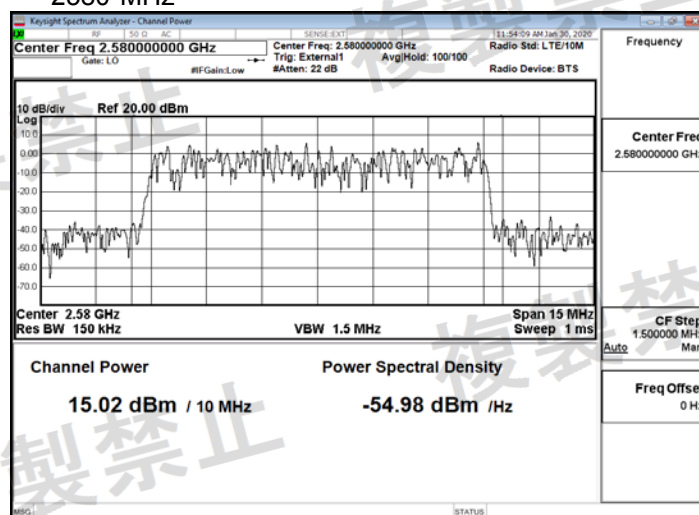
2590 MHz



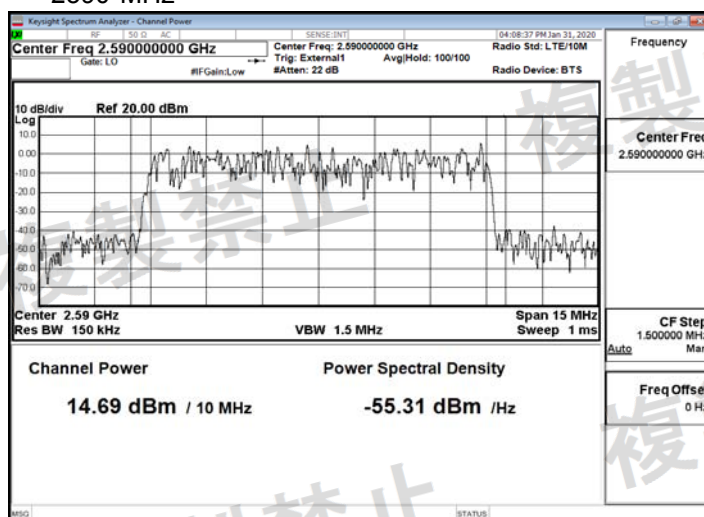
7.3 RF output power

ANT1

2580 MHz

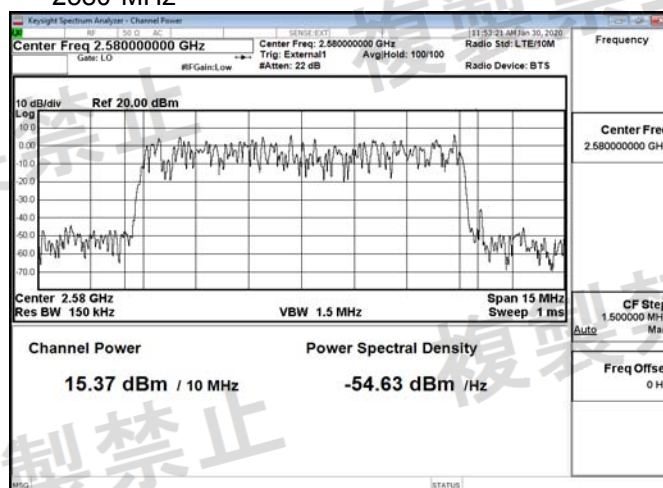


2590 MHz

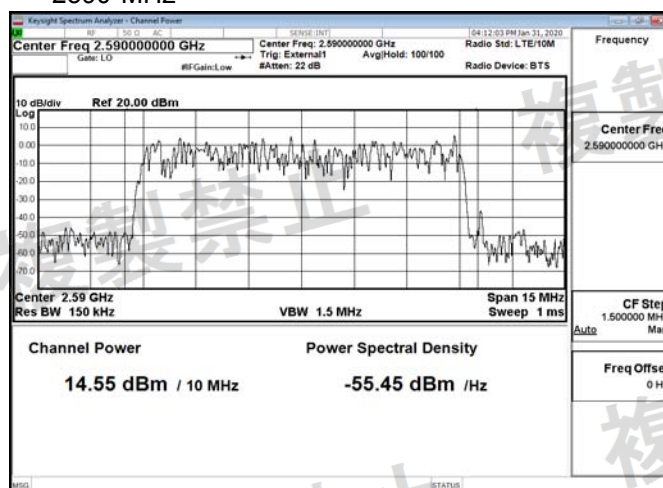


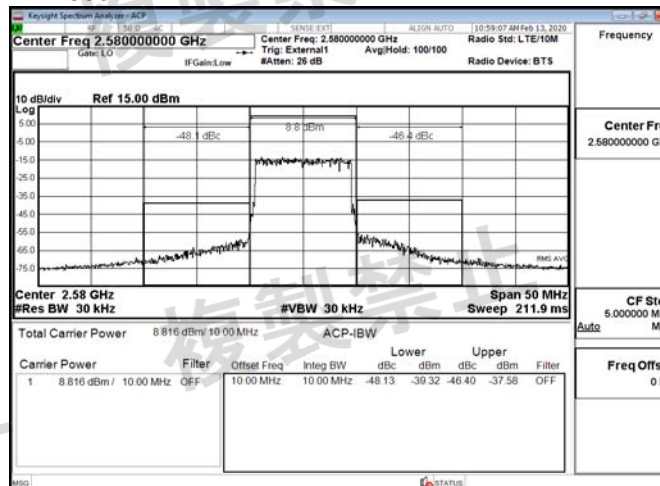
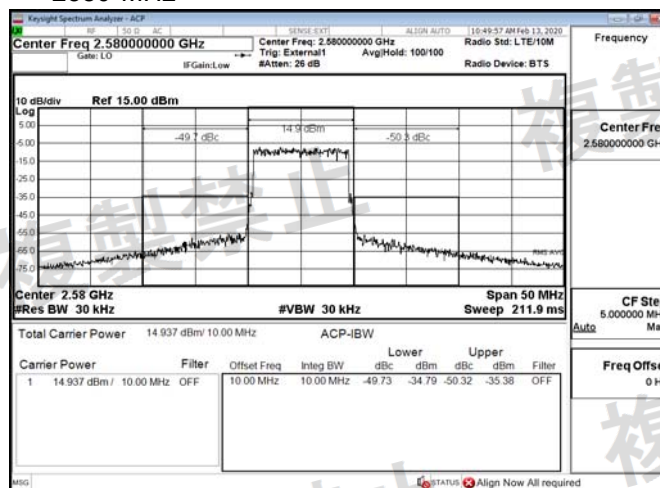
7.3 RF output power

ANT2
2580 MHz



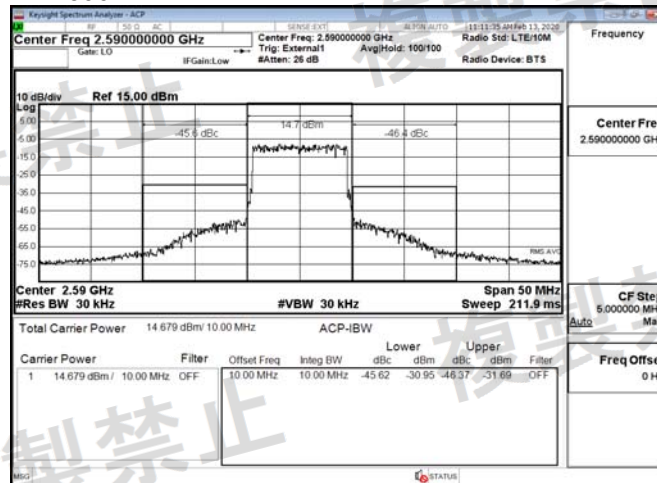
2590 MHz



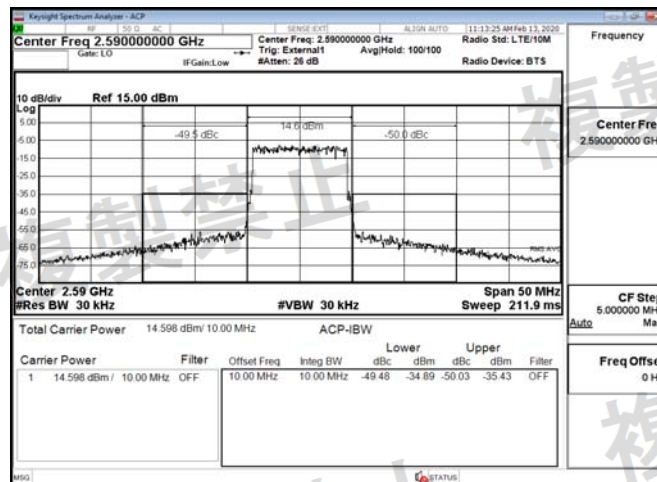


7.4 Adjacent power 2nd Channel

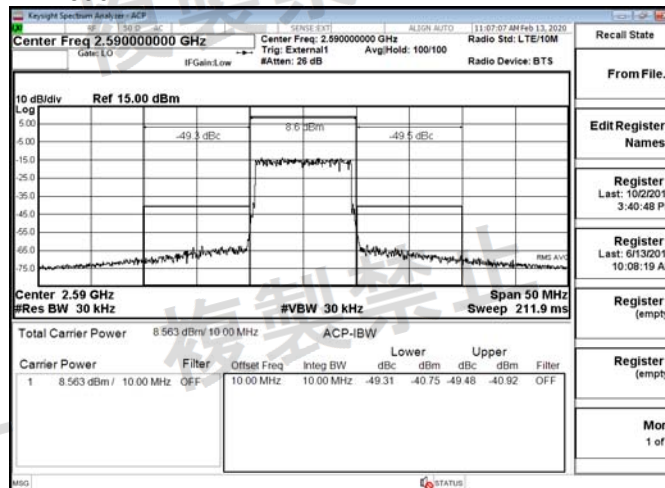
Cf ± 10 MHz (ANT1)
2590 MHz



Cf ± 10 MHz (ANT2)
2590 MHz

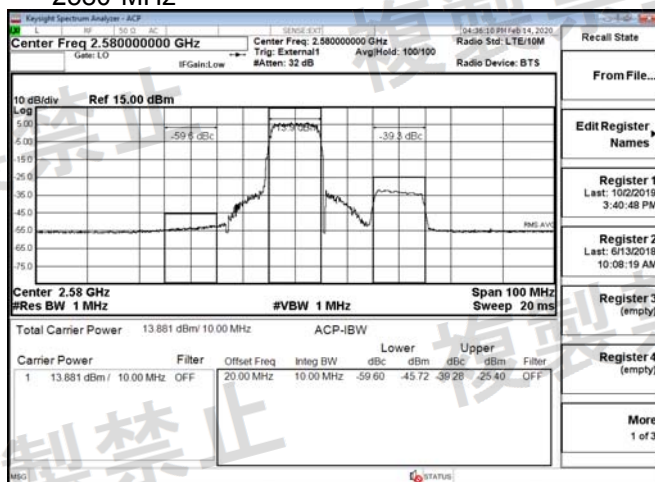


Cf ± 10 MHz (Combiner_ANT1+2)
2590 MHz

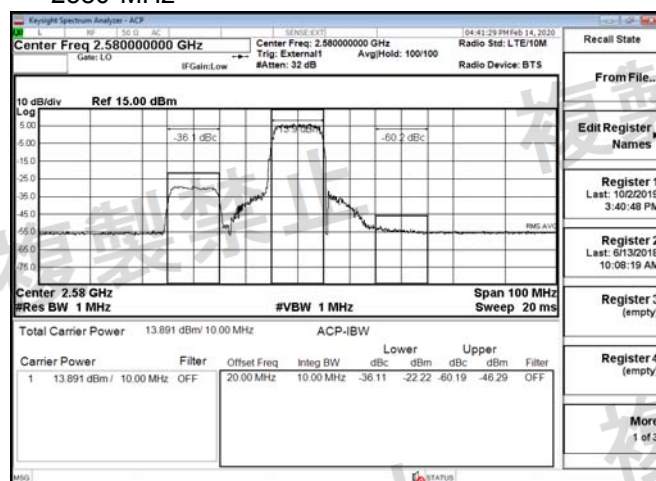


7.5 Transmission intermodulation characteristic
1st Channel

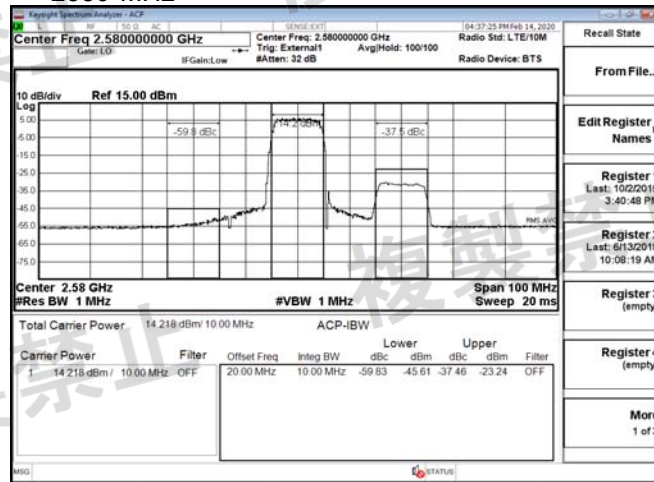
Cf -20MHz(ANT1), SG +20MHz
2580 MHz



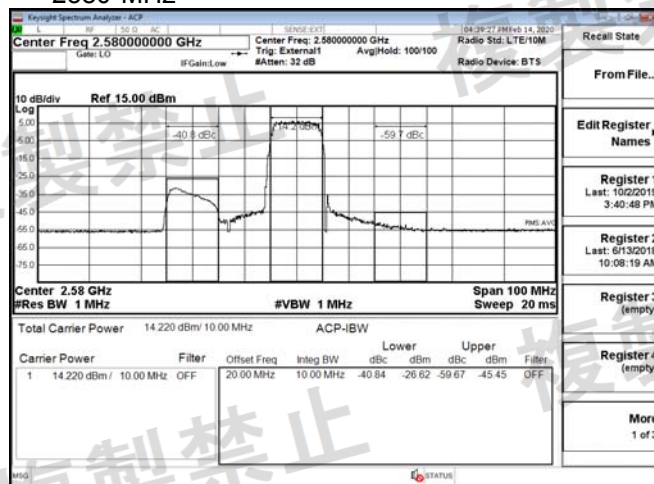
Cf +20MHz(ANT1), SG -20MHz
2580 MHz



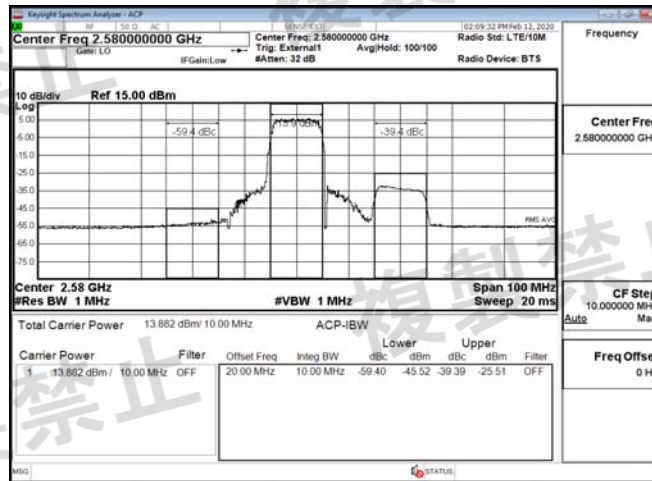
Cf -20MHz(ANT2), SG +20MHz
2580 MHz



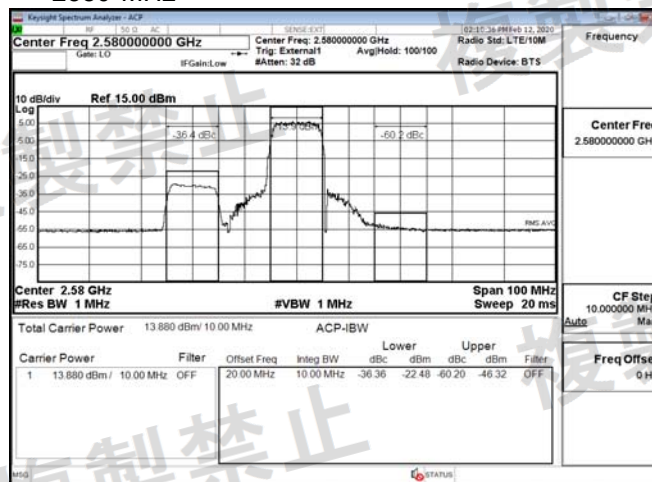
Cf +20MHz(ANT2), SG -20MHz
2580 MHz



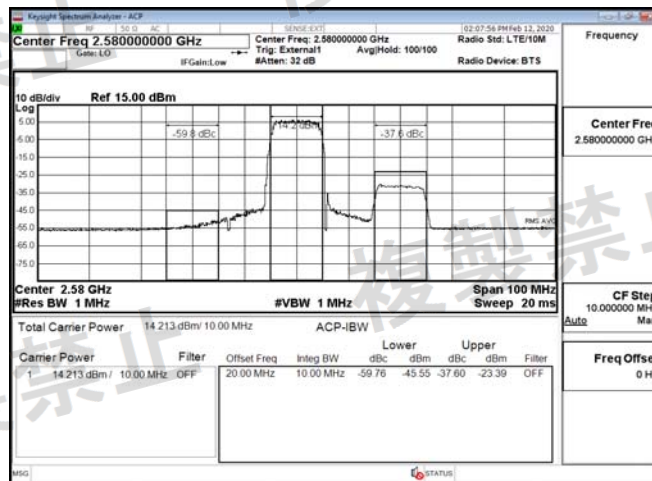
Cf -20MHz(ANT1), SG +20MHz 【Simultaneous transmission】
2580 MHz



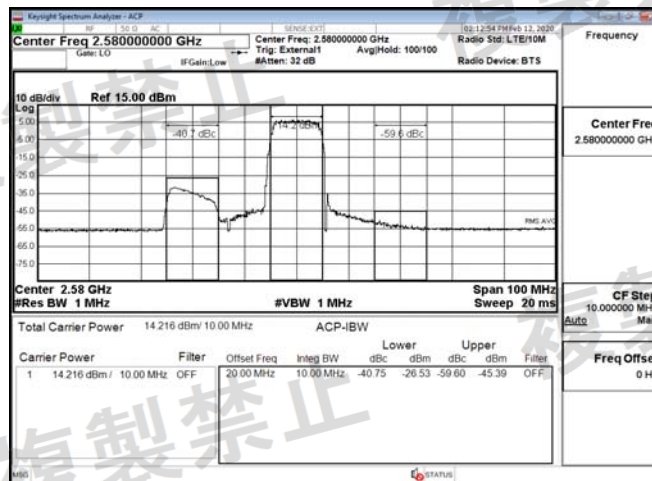
Cf +20MHz(ANT1), SG -20MHz 【Simultaneous transmission】
2580 MHz



Cf -20MHz(ANT2), SG +20MHz 【Simultaneous transmission】
2580 MHz

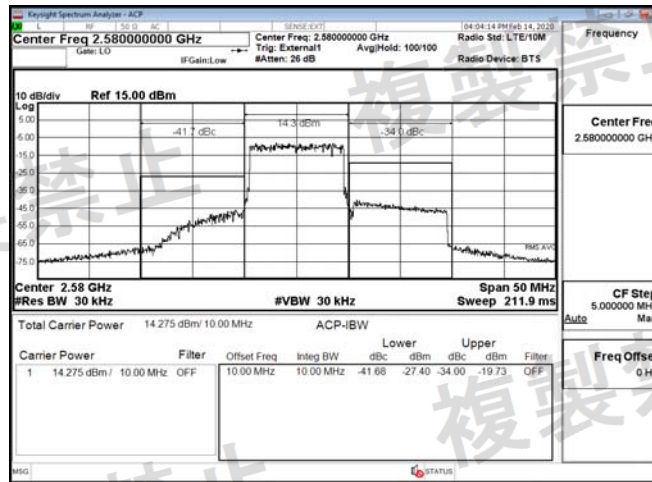


Cf +20MHz(ANT2), SG -20MHz 【Simultaneous transmission】
2580 MHz



7.5 Transmission intermodulation characteristic 1st Channel

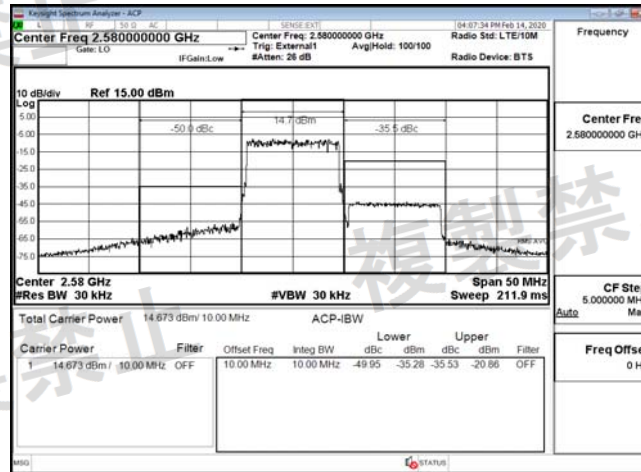
Cf -10MHz(ANT1), SG +10MHz
2580 MHz



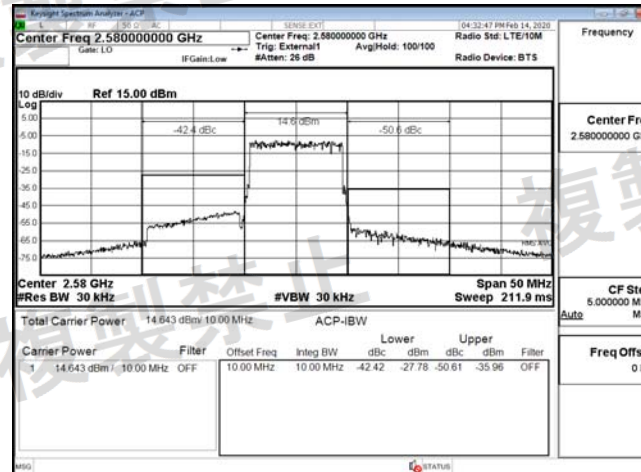
Cf +10MHz(ANT1), SG -10MHz
2580 MHz



Cf -10MHz(ANT2), SG +10MHz
2580 MHz



Cf +10MHz(ANT2), SG -10MHz
2580 MHz



Cf -10MHz(ANT1), SG +10MHz 【Simultaneous transmission】

2580 MHz

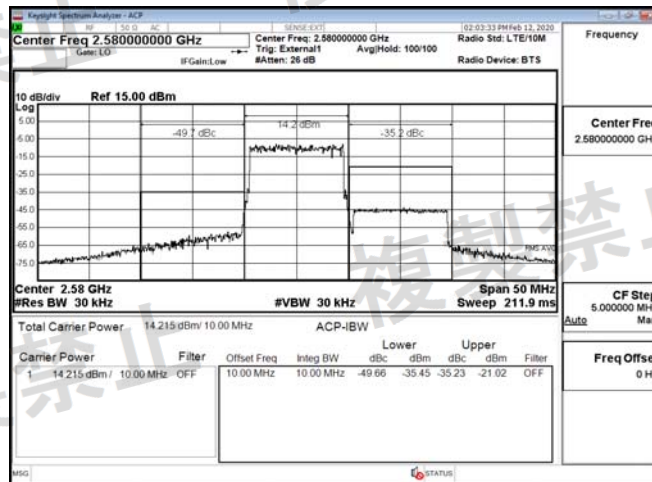


Cf +10MHz(ANT1), SG -10MHz 【Simultaneous transmission】

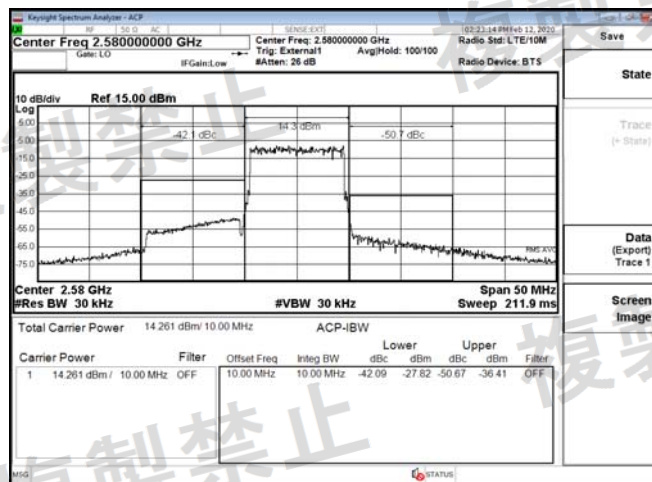
2580 MHz



Cf -10MHz(ANT2), SG +10MHz 【Simultaneous transmission】
2580 MHz

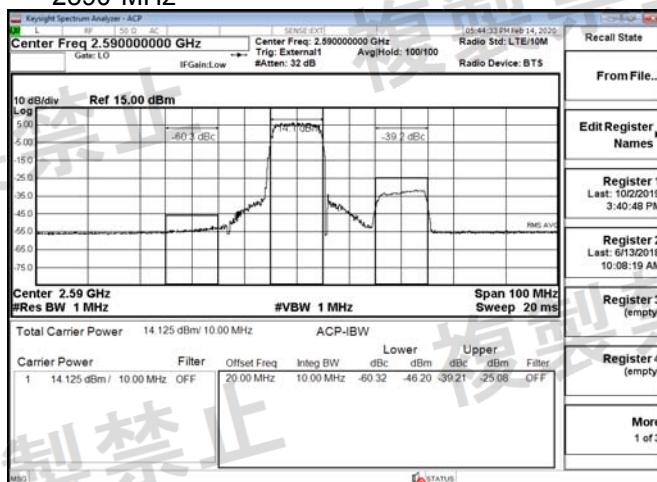


Cf +10MHz(ANT2), SG -10MHz 【Simultaneous transmission】
2580 MHz

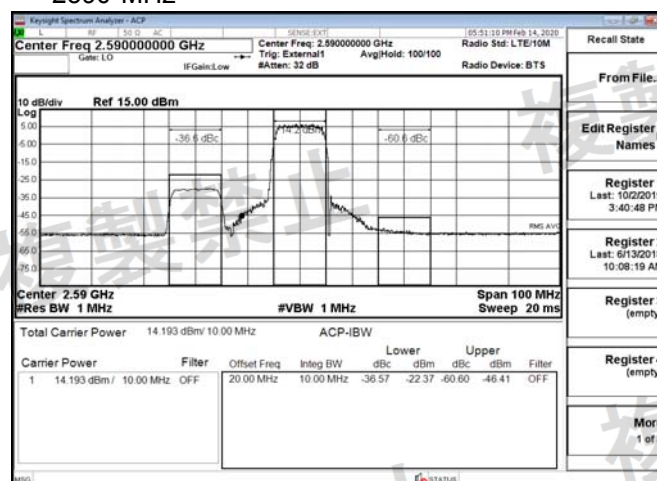


7.5 Transmission intermodulation characteristic 2st Channel

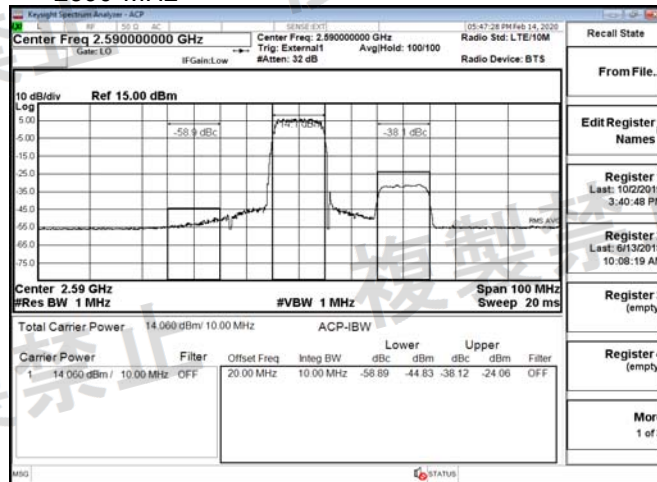
Cf -20MHz(ANT1), SG +20MHz
2590 MHz



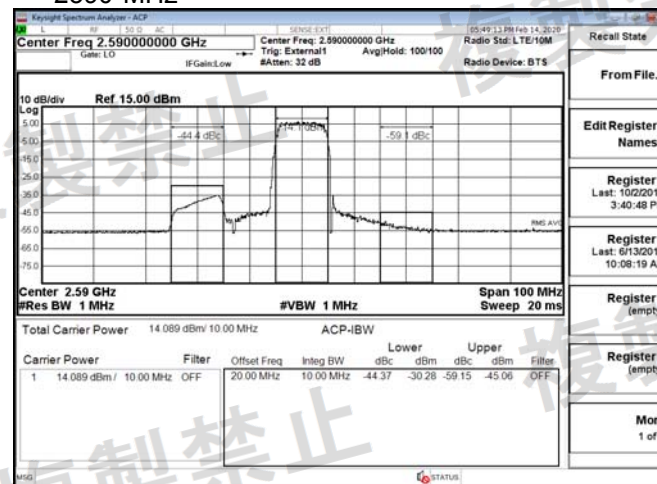
Cf +20MHz(ANT1), SG -20MHz
2590 MHz



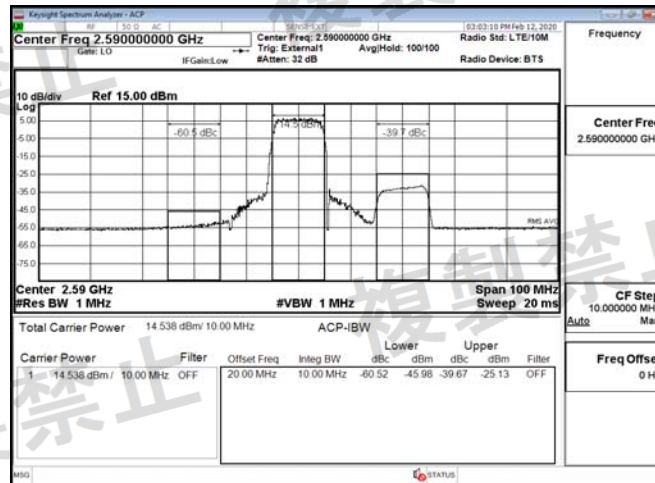
Cf -20MHz(ANT2), SG +20MHz
2590 MHz



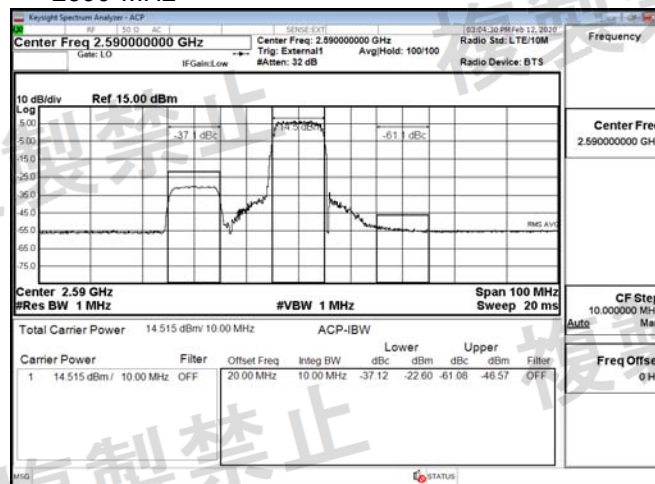
Cf +20MHz(ANT2), SG -20MHz
2590 MHz



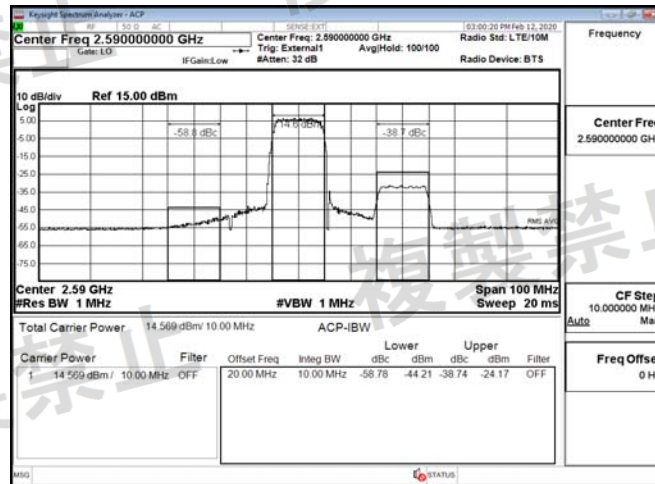
Cf -20MHz(ANT1), SG +20MHz 【Simultaneous transmission】
2590 MHz



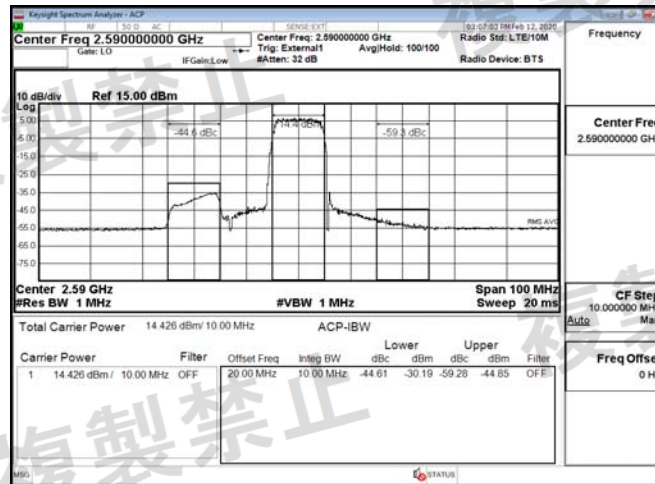
Cf +20MHz(ANT1), SG -20MHz 【Simultaneous transmission】
2590 MHz



Cf -20MHz(ANT2), SG +20MHz 【Simultaneous transmission】
2590 MHz

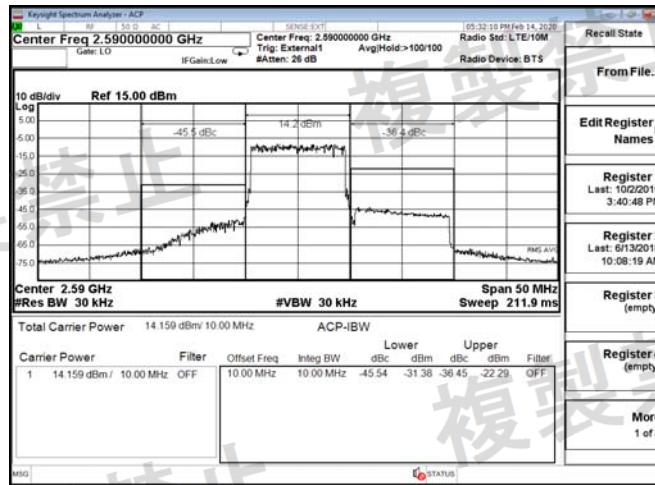


Cf +20MHz(ANT2), SG -20MHz 【Simultaneous transmission】
2590 MHz

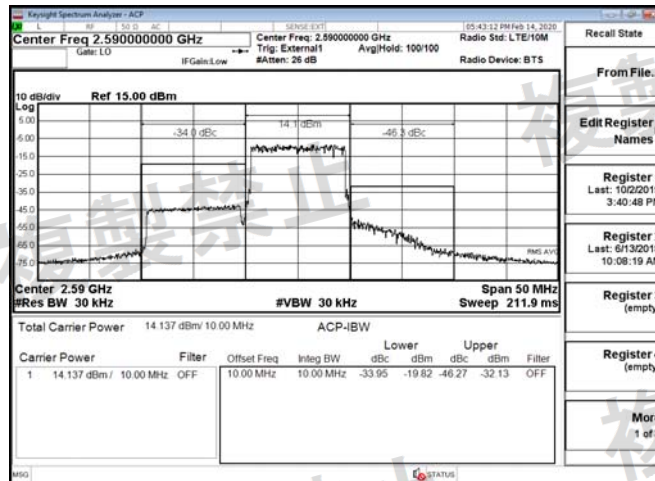


7.5 Transmission intermodulation characteristic 2st Channel

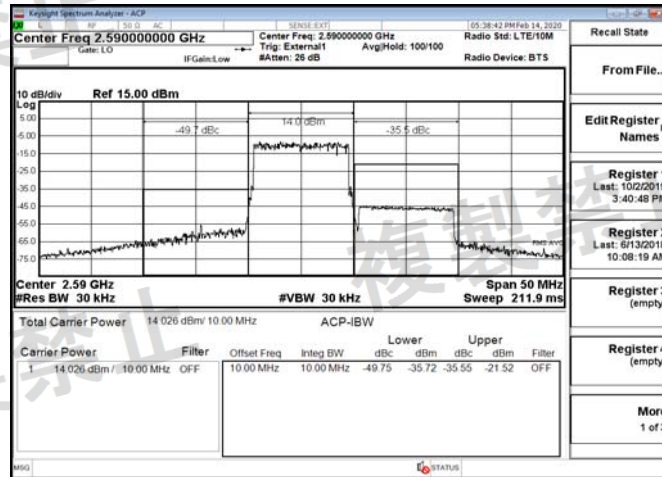
Cf -10MHz(ANT1), SG +10MHz
2590 MHz



Cf +10MHz(ANT1), SG -10MHz
2590 MHz



Cf -10MHz(ANT2), SG +10MHz
2590 MHz

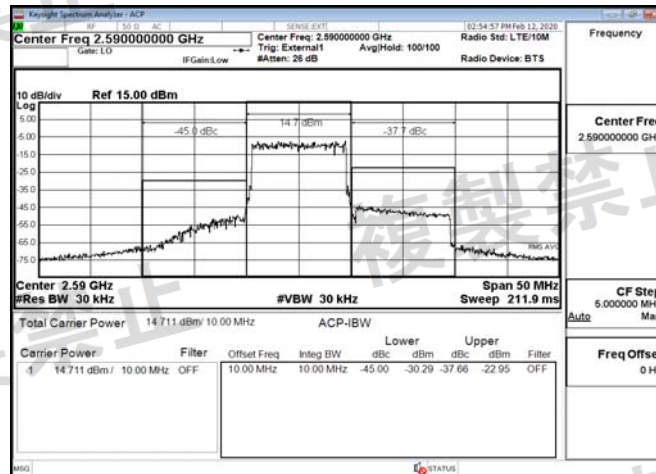


Cf +10MHz(ANT2), SG -10MHz
2590 MHz



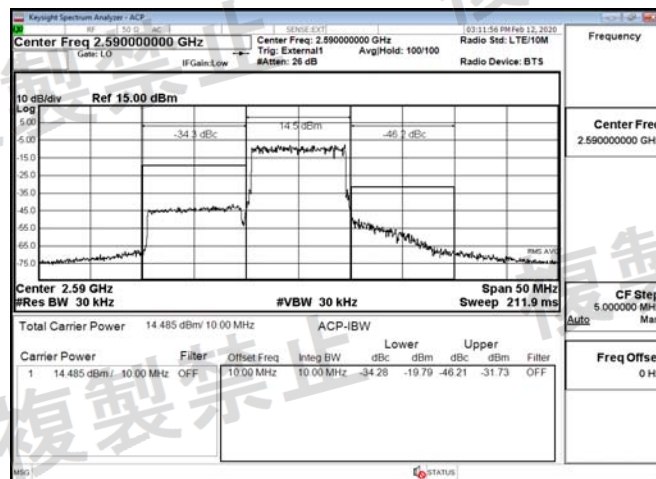
Cf -10MHz(ANT1), SG +10MHz 【Simultaneous transmission】

2590 MHz

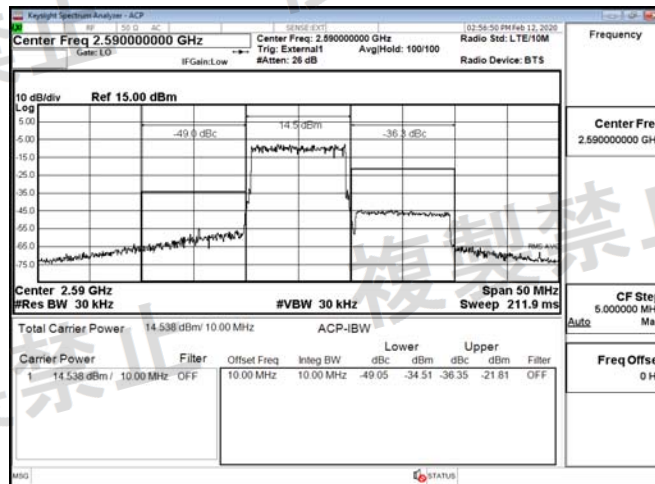


Cf +10MHz(ANT1), SG -10MHz 【Simultaneous transmission】

2590 MHz



Cf -10MHz(ANT2), SG +10MHz 【Simultaneous transmission】
2590 MHz



Cf +10MHz(ANT2), SG -10MHz 【Simultaneous transmission】
2590 MHz

