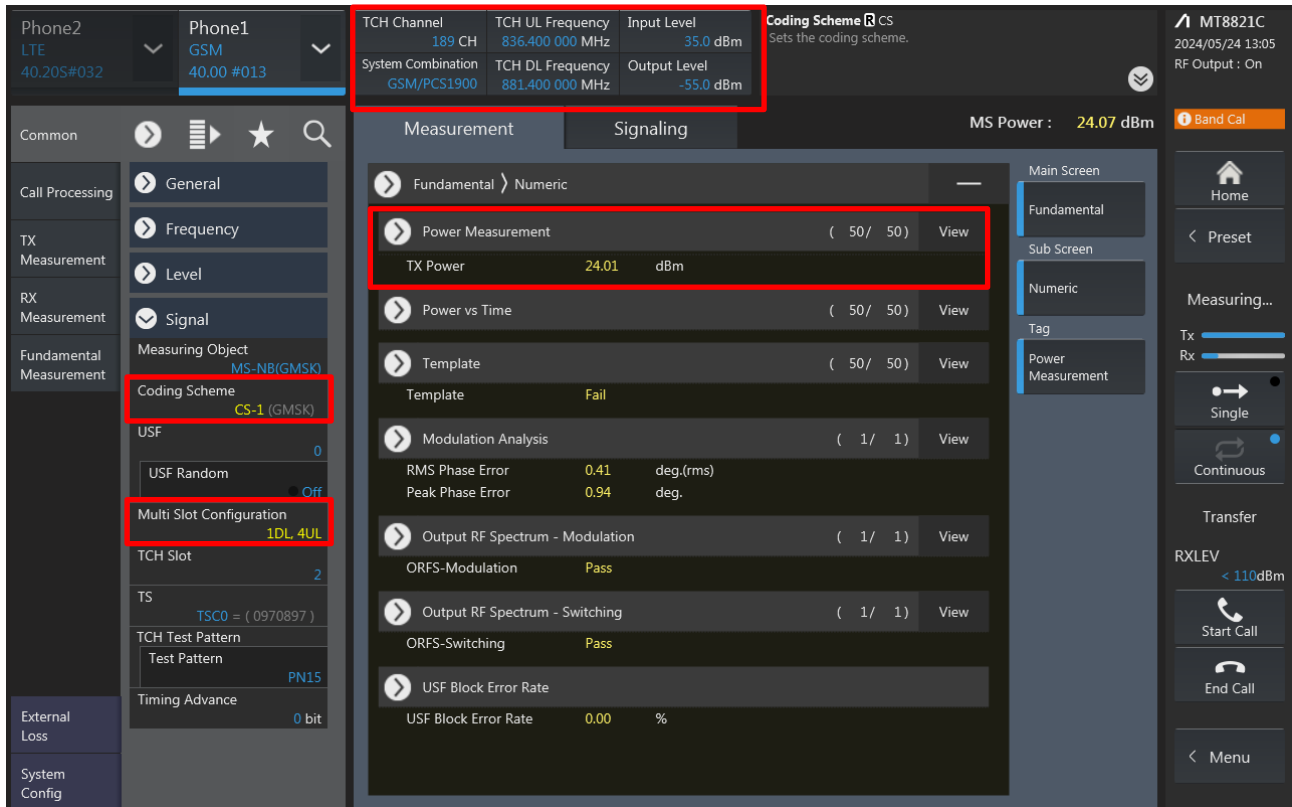


Power measurement connection diagram:

The power measurement for 2G/3G/LTE/5G FR1/UL and DL CA is to establish a connection between device and call box, and via call box to configure Bands, channel, BWs, RB size, carrier aggregation of CA, frequency channels, SCS and maximum output power. Hereunder is screenshot call box connection information for 2G/3G/LTE/5G FR1/UL and DL CA.

<GSM>



Parameter	Value
Phone1	GSM
Phone2	LTE
TCH Channel	189 CH
TCH UL Frequency	836.400 000 MHz
Input Level	35.0 dBm
TCH DL Frequency	881.400 000 MHz
Output Level	-55.0 dBm
Coding Scheme	CS
TX Power	24.01 dBm
MS Power	24.07 dBm
Modulation Analysis	Fail
USF Block Error Rate	0.00 %

<WCDMA>

Channel and Power Settings:

UL Channel	9400 CH	UL Frequency	1 880.000 000 MHz	Input Level	35.0 dBm
DL Channel	9800 CH	DL Frequency	1 960.000 000 MHz	Output Level	-65.7 dBm

Measurement Data:

Power Measurement	(50 / 50)
TX Power	23.28 dBm
Frequency Error	(1 / 1)
Carrier Frequency Error	-0.0002 kHz
Freq. Err	0.00 ppm
Occupied Bandwidth	(1 / 1) View
OBW	4.163 MHz
Spectrum Emission Mask	(1 / 1) View
SEM	Pass
Adjacent Channel Power	(1 / 1)
ACLR(-5MHz)	-40.24 dB
ACLR(+5MHz)	-42.79 dB
Modulation Analysis	(1 / 1) View
EVM	5.15 %(rms)
Peak Code Domain Error	(1 / 1)
PCDE	-39.86 dB

External Loss: All 1

<LTE>

Channel and Power Settings:

UL Channel	21100 ch	TPC Pattern	All +3dB	Input Level	30.0 dBm
Operation Band	7	Channel Bandwidth	20 MHz	Output Level	-67.0 dBm

External Loss - Main DL: DLEXTLOSS

Measurement Data:

Numeric	Occupied Bandwidth	Spectrum Emission Mask	
TX Power	On	On	
Adjacent Channel Power	In-Band Emission	Spectrum Flatness	EVM
On	On	On	On
Phase Error	Magnitude Error	Constellation	Throughput
On	On	On	On

Configuration: Uplink Downlink Configuration 1: (5ms) D S U U D D S U U D, Special Subframe Configuration 4



<LTE TDD Power class 3>

Phone2 LTE 40.20S#021 | Phone1 LTE 40.20S#021

UL Channel 40620 ch | TPC Pattern All +3dB | Input Level 30.0 dBm | TDD - Special Subframe Configuration TDDSSFCONF | MT8821C 2024/05/31 12:39 RF Output : On

Operation Band 41 | Channel Bandwidth 20 MHz | Output Level -54.2 dBm

PCC SCC1 SCC2 SCC3 >>

Measurement Signaling UE Power : 23.5 dBm

Common: Frequency, Level, Signal, UL RMC, DL RMC, TDD, Uplink Downlink Configuration 0 : (5ms) D S U U D S U U U, Special Subframe Configuration 5

Measurement		Signaling	
Numeric	Occupied Bandwidth	Spectrum Emission Mask	
TX Power 23.19 dBm	On	On	
Adjacent Channel Power	In-Band Emission	Spectrum Flatness	EVM
On	On	On	On
Phase Error	Magnitude Error	Constellation	Throughput
On	On	On	On

Main Screen: Fundamental, Sub Screen: Top

Connected

Start Call, End Call, Menu

<5G NR FR1>

5G NR V08.90.21#000 *SA-FDD Power Measurement - Count PWR_AVG

DL Center Channel: 126900, TPC Pattern: All +3dB, Input Level: 26.5 dBm
 Operation Band: 71, DL Channel Bandwidth: 20MHz, Output Level: -40.0 dBm

UE Power: 26.0 dBm

Measurement

Numeric

Tx Power	25.88 dBm
OBW	18.787 MHz
ACLR(-)	-53.74 dB
ACLR(+)	-55.90 dB

Occupied Bandwidth: 18.787 MHz

Waveform: DFT-S-OFDM

Modulation: PI/2 BPSK

Aggregation Level: 4

UE Power: 26.0 dBm

5G NR V08.90.21#000 *SA-FDD Power Measurement - Count PWR_AVG

DL Center Channel: 126900, TPC Pattern: All +3dB, Input Level: 26.5 dBm
 Operation Band: 71, DL Channel Bandwidth: 20MHz, Output Level: -40.0 dBm

UE Power: 26.0 dBm

Measurement

Numeric

Tx Power	25.83 dBm
OBW	18.787 MHz
ACLR(-)	-53.70 dB
ACLR(+)	-55.93 dB

Occupied Bandwidth: 18.787 MHz

DL Subcarrier Spacing(data): 15kHz

UL Subcarrier Spacing(data): 15kHz

UE Power: 26.0 dBm



5G NR V08.90.21#000 *SA-FDD

Power Measurement - Count PWR_AVG

MT8000A
2024/05/24 14:12
Ref. Int

DL Center Channel 126900 TPC Pattern All +3dB Input Level 26.5 dBm
Operation Band 71 DL Channel Bandwidth 20MHz Output Level -40.0 dBm

Common

Level / Freq Cell

Level / Freq Routing / ARB

Physical Channel

Call Processing

Tx Measurement

Rx Measurement

OTA Position

Fundamental Measurement

Test Parameter

External Loss

System Config

Frequency

UL

Offset To Carrier 504

PointA Channel 116048

PointA Frequency 580.240 000 MHz

Center Channel 136100

Center Frequency 680.500 000 MHz

7.5 kHz Frequency Shift Off

DL

Offset To Carrier 102

PointA Channel 121320

PointA Frequency 606.600 000 MHz

Center Channel 126900

Center Frequency 634.500 000 MHz

Absolute Frequency SSB 125550

SSB Frequency 627.750 000 MHz

Channel Setting Mode Lowest GSCN

Operation Band 71

Measurement

Numeric

Tx Power 25.84 dBm

OBW 18.787 MHz

ACLR(-) -53.57 dB

ACLR(+) -55.98 dB

Occupied Bandwidth

OBW 18.787 MHz

Spectrum Emission Mask

On

Adjacent Channel Power

In-Band Emission

On

Spectrum Flatness

On

EVM

On

Phase Error

On

Magnitude Error

On

Constellation

On

UE Power : 25.9 dBm

Main Screen

Fundamental

Sub Screen

Top

Home

Preset

Measuring...

Tx

Rx

Single

Continuous

NR

Connected

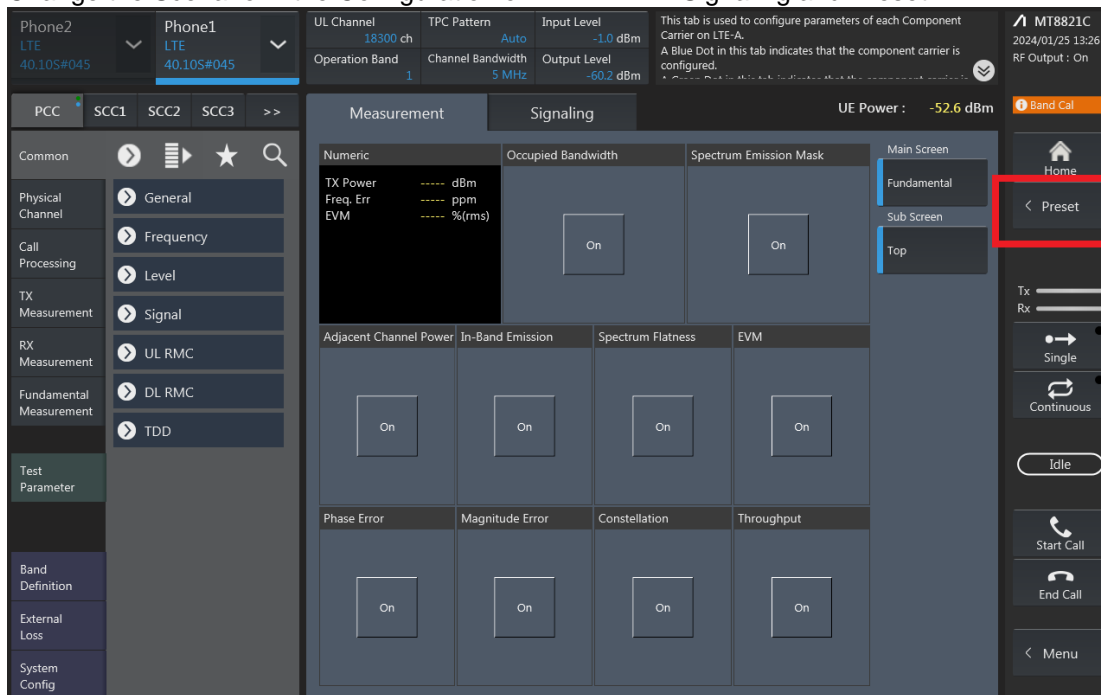
Start Call

End Call

Menu

LTE Uplink and Downlink Carrier Aggregation configurations:

1. Change the Scenario in the Configuration of Phone1 LTE Signaling and Preset.

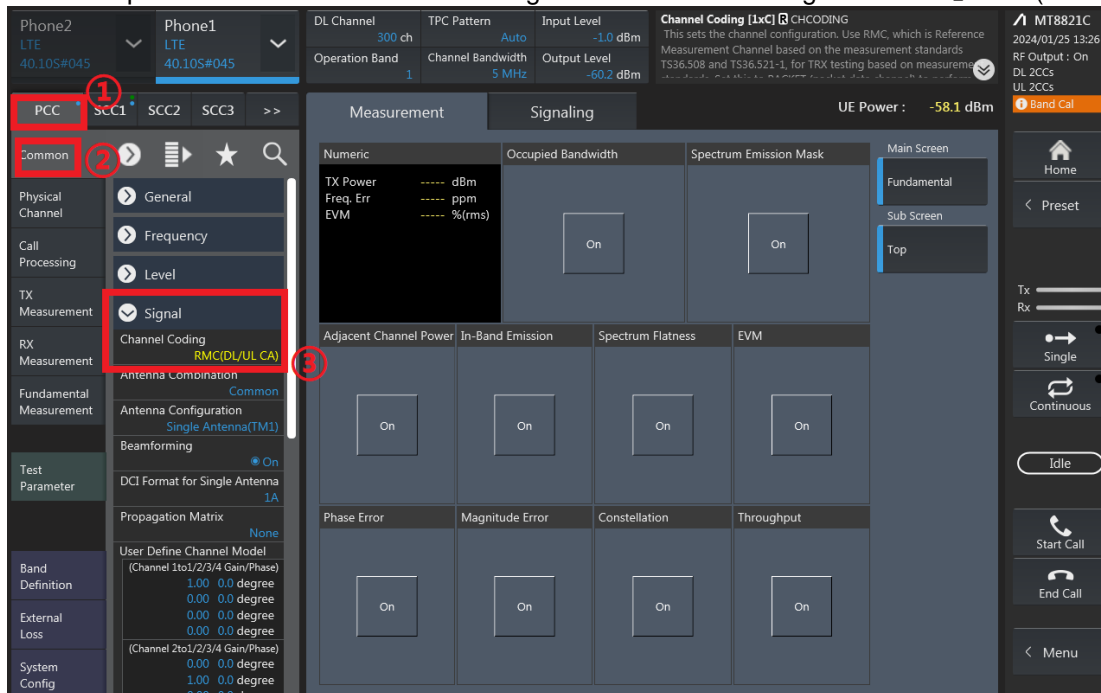


The screenshot shows the LTE configuration interface for Phone1. The 'Preset' button in the right-hand navigation menu is highlighted with a red box. The interface displays various configuration parameters and measurement options.

2. If Select "RMC (DL/UL CA)" for Uplink Carrier Aggregation;
If Select "RMC (DL CA)" for Downlink Carrier Aggregation.

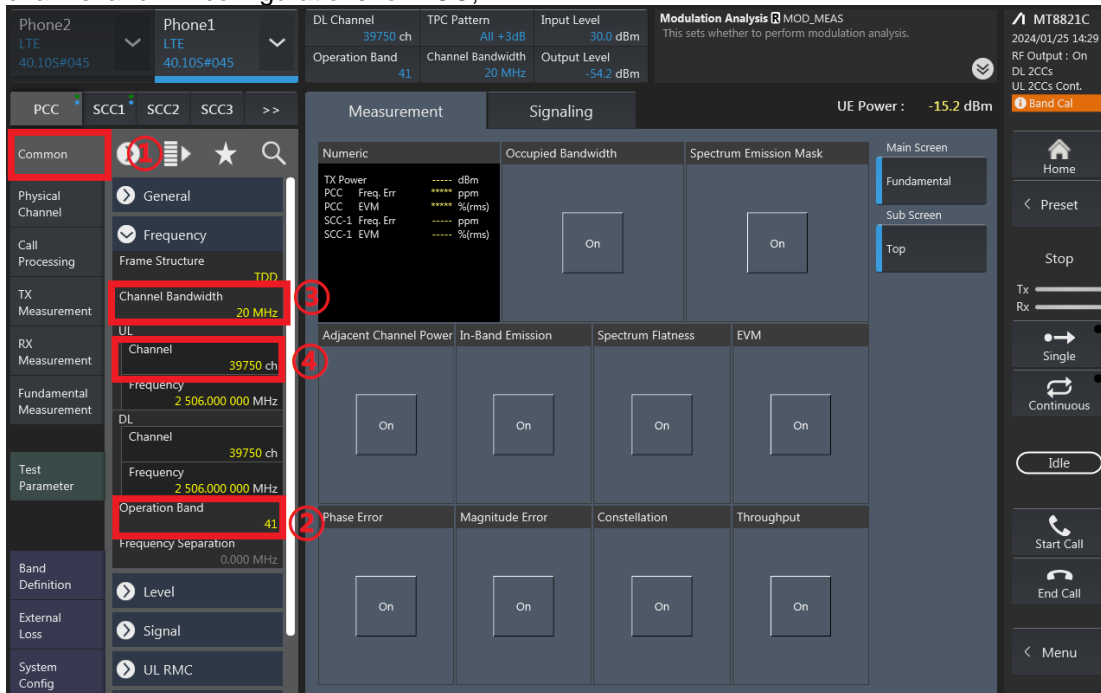
For example, Uplink Carrier Aggregation:

Detailed operation: PCC → Common → Signal → Channel Coding → Select 【RMC (DL/UL CA)】



The screenshot shows the LTE configuration interface for Phone1. The 'Channel Coding' menu path is highlighted with red boxes and numbered 1, 2, and 3. The interface displays various configuration parameters and measurement options.

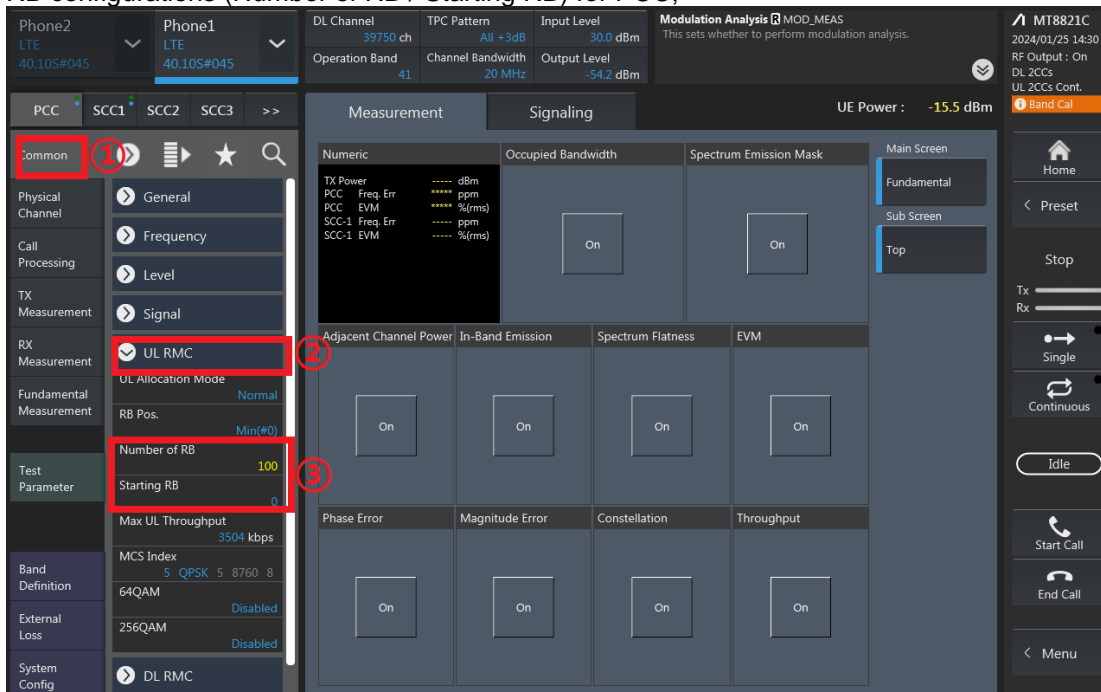
3. PCC parameter Settings: on the screen, and then select the PCC tab and Set operating band, BW, channel and RB configurations for PCC;



The screenshot shows the PCC parameter settings interface. The left sidebar contains a menu with 'Common' selected. The main area displays various measurement and signaling parameters. Red boxes and circled numbers highlight specific settings:

- 1. 'Common' menu
- 2. 'Operation Band' set to 41
- 3. 'Channel Bandwidth' set to 20 MHz
- 4. 'Channel' set to 39750 ch

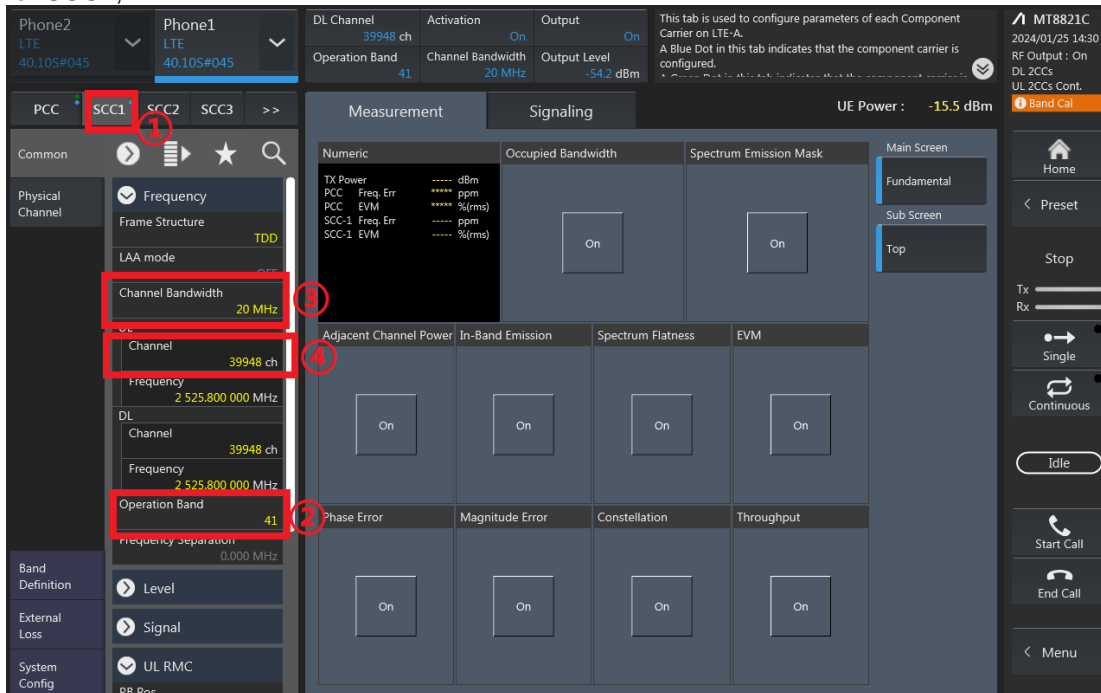
RB configurations (Number of RB / Starting RB) for PCC;



The screenshot shows the RB configurations interface. The left sidebar contains a menu with 'Common' selected. The main area displays various measurement and signaling parameters. Red boxes and circled numbers highlight specific settings:

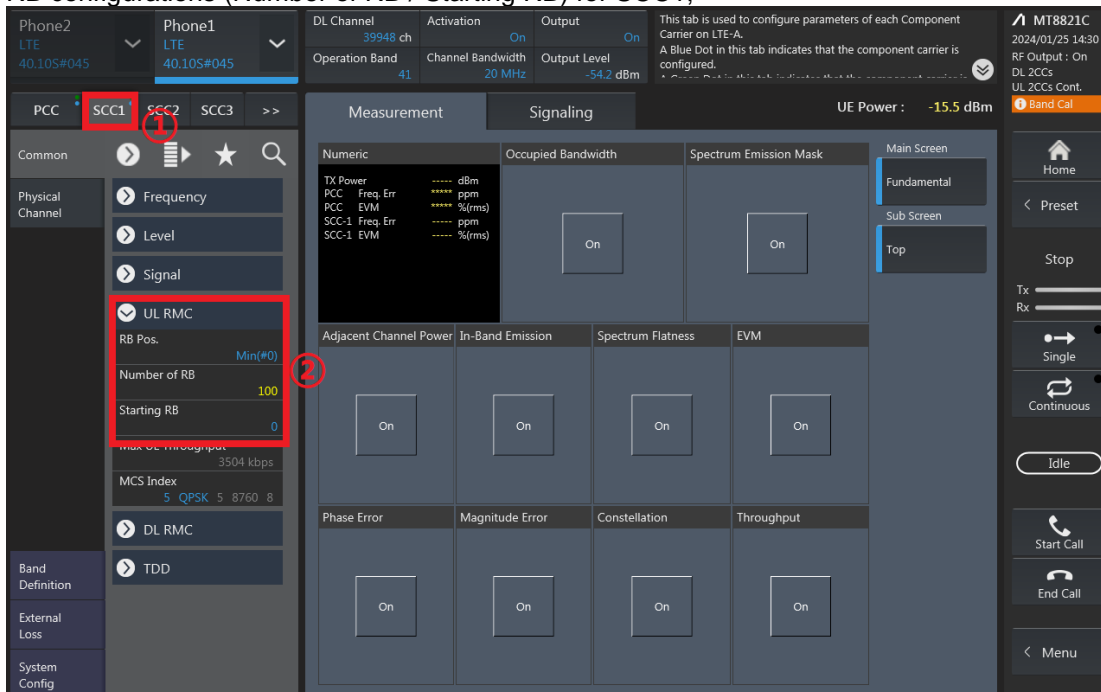
- 1. 'Common' menu
- 2. 'UL RMC' checked
- 3. 'Number of RB' set to 100

4. SCC parameter Settings: Select the SCC1 tab, Set operating band, BW, channel, and RB configurations for SCC1;



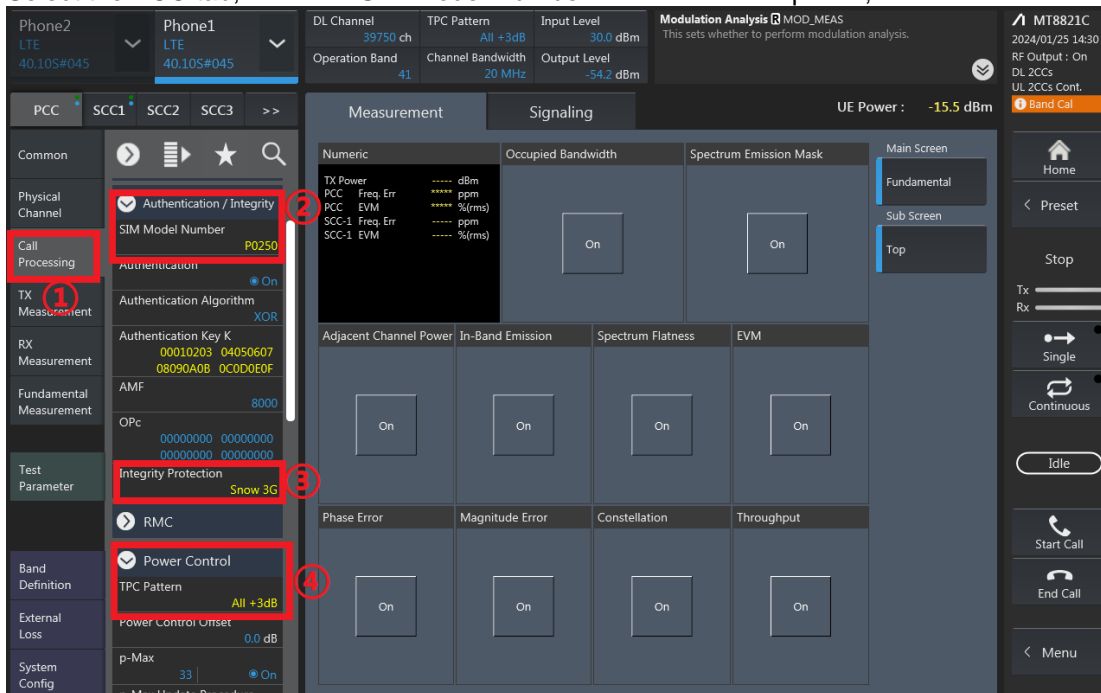
The screenshot shows the SCC1 configuration screen. On the left, the 'Physical Channel' section is expanded to show 'Channel Bandwidth' (20 MHz), 'Channel' (39948 ch), 'Frequency' (2 525.800 000 MHz), 'DL Channel' (39948 ch), and 'Operation Band' (41). Red circles with numbers 1, 2, 3, and 4 highlight the SCC1 tab, Operation Band, Channel Bandwidth, and Channel respectively. The main area shows 'Measurement' and 'Signaling' tabs with various 'On' buttons for metrics like TX Power, Occupied Bandwidth, Spectrum Emission Mask, Adjacent Channel Power, In-Band Emission, Spectrum Flatness, EVM, Phase Error, Magnitude Error, Constellation, and Throughput.

RB configurations (Number of RB / Starting RB) for SCC1;



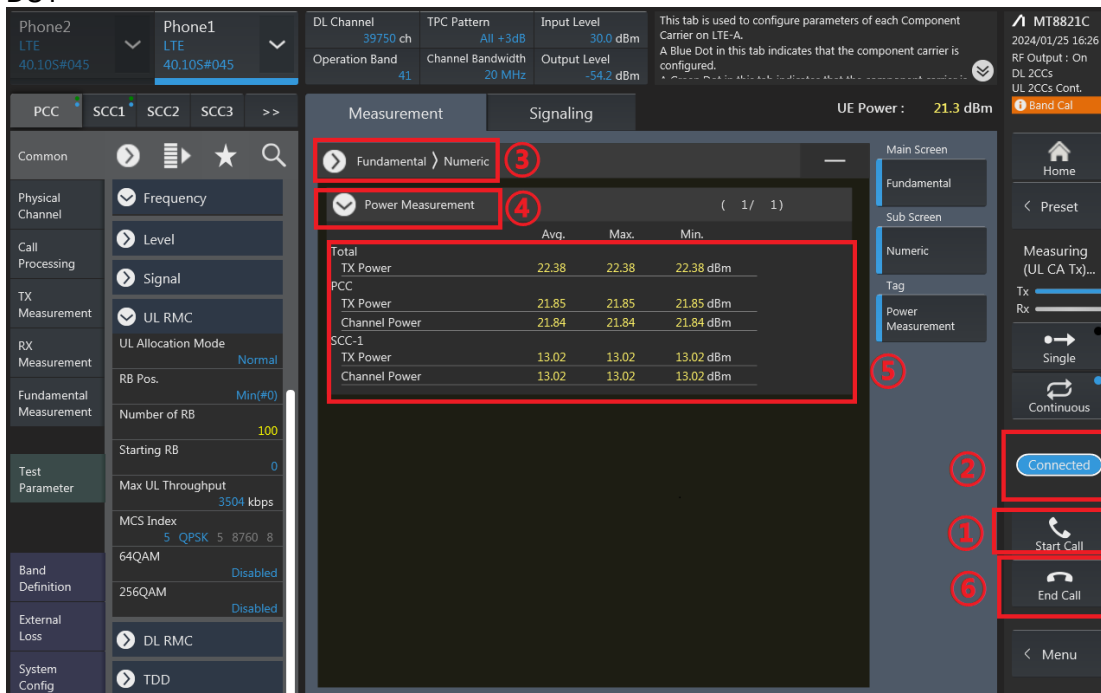
The screenshot shows the RB configuration screen. The 'UL RMC' section is expanded to show 'RB Pos.', 'Number of RB' (100), and 'Starting RB' (0). Red circles with numbers 1 and 2 highlight the SCC1 tab and the 'Number of RB' field respectively. The rest of the interface is identical to the previous screenshot, showing the 'Measurement' and 'Signaling' tabs with various 'On' buttons.

5. Select the PCC tab, then set “SIM Model Number” and select max power;



The screenshot shows the PCC configuration screen. The 'Call Processing' tab is selected. The 'Authentication / Integrity' section is highlighted with a red box and labeled '1'. The 'SIM Model Number' is set to 'P0250'. The 'Power Control' section is highlighted with a red box and labeled '4'. The 'TPC Pattern' is set to 'All +3dB'. The 'Integrity Protection' is set to 'Snow 3G' and labeled '3'. The 'UE Power' is set to '-15.5 dBm'.

6. Click the “Connect” button at the Right of the screen, if necessary, turn the Airplane mode on/off in the DUT



The screenshot shows the Power Measurement screen. The 'Power Measurement' section is highlighted with a red box and labeled '4'. The 'Connected' button is highlighted with a red box and labeled '2'. The 'Start Call' and 'End Call' buttons are also highlighted with red boxes and labeled '1' and '6' respectively. The 'UE Power' is set to '21.3 dBm'.

	Avg.	Max.	Min.
Total TX Power	22.38	22.38	22.38 dBm
PCC TX Power	21.85	21.85	21.85 dBm
PCC Channel Power	21.84	21.84	21.84 dBm
SCC-1 TX Power	13.02	13.02	13.02 dBm
SCC-1 Channel Power	13.02	13.02	13.02 dBm

7. The inter-band DLCA test method is similar to intra-band ULCA, and DLCA test method is similar to intra-band ULCA too.



DL CA

Full Power		2CC															
Configure	CA Configuration (BCS)	PCC							SCC				Power				
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)			
Inter-Band	CA_5A-41A	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593	40620	23.93	23.97			
	CA_2A-12A	Band 2	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	22.58	22.79			
	CA_12A-66A	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155	66886	24.02	24.09			
	CA_26A-41A	Band 26	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593	40620	23.68	24.07			
	CA_5A-38A	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	2595	38000	23.96	23.97			
	CA_26A-38A	Band 26	15M	831.5	26865	QPSK	1	0	Band 38	20M	2595	38000	23.64	24.07			
	CA_2A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	22.58	22.79			
	CA_7A-26A	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	22.92	23.00			
	CA_2A-38A	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	2595	38000	22.59	22.79			
	CA_38A-66A	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	2595	38000	23.51	23.73			
Intra-Band	Non-Contiguous	CA_2A-2A	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	22.56	22.79		
	Contiguous	CA_2C	Band 2	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.80	1098	22.57	22.79		

3CC		3CC																	
Configure	CA Configuration (BCS)	PCC							SCC1				SCC2				Power		
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
Inter-Band	CA_2A-7C	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.58	22.79	
	CA_5A-66A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2120	66536	Band 66	20M	2170	67036	23.81	23.97	
	CA_5A-7A-7A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	23.81	23.97	
	CA_5A-7A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	23.88	23.97	
	CA_4A-7C	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.84	22.94	
	CA_5A-7C	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.79	23.97	
	CA_7A-66A-66A	Band 7	20M	2535	21100	QPSK	1	49	Band 66	20M	2120	66536	Band 66	20M	2170	67036	22.80	23.00	
	CA_7C-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	22.86	23.00	
	CA_26A-41C	Band 26	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593	40620	Band 41	20M	2612.8	40818	23.96	24.07	
	CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	22.68	22.79	
	CA_38C-66A	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	2585.1	37901	Band 38	20M	2604.9	38099	23.55	23.73	
	CA_4A-5A-7A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	22.85	22.94	
	CA_41C-66A	Band 66	20M	1745	132322	QPSK	1	0	Band 41	20M	2593	40620	Band 41	20M	2612.8	40818	23.51	23.73	
	CA_5A-41C	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593	40620	Band 41	20M	2612.8	40818	23.85	23.97	
	CA_2A-7A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	22.64	22.79	
	CA_5A-66C	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2145.1	66787	Band 66	20M	2164.9	66985	23.83	23.97	
	CA_4A-4A-5A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	22.88	22.94	
	CA_4C-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	20M	2139.8	2248	Band 7	20M	2655	3100	22.81	22.94	
	CA_4A-4A-7A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	22.79	22.94	
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	22.66	22.79		
CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	22.71	22.79		
Intra-Band	Non-Contiguous	CA_41A-41A-41A	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2506	39750	Band 41	20M	2680	41490	23.85	23.97
	Contiguous	CA_41D	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	23.88	23.97



CA_41C_Ant 1											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power State	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	0	0	0	1	0	Full	23.74	24.50
40185	39987	QPSK	1	0	0	0	1	0	Full	23.62	24.50
40620	40422	QPSK	1	0	0	0	1	0	Full	23.96	24.50
41055	40857	QPSK	1	0	0	0	1	0	Full	23.48	24.50
41490	41292	QPSK	1	0	0	0	1	0	Full	23.94	24.50
39750	39948	QPSK	1	0	0	0	1	0	ECI 1	21.05	21.75
40185	39987	QPSK	1	0	0	0	1	0	ECI 1	21.09	21.75
40620	40422	QPSK	1	0	0	0	1	0	ECI 1	21.26	21.75
41055	40857	QPSK	1	0	0	0	1	0	ECI 1	20.96	21.75
41490	41292	QPSK	1	0	0	0	1	0	ECI 1	21.25	21.75
39750	39948	QPSK	1	0	0	0	1	0	ECI 2	20.14	20.75
40185	39987	QPSK	1	0	0	0	1	0	ECI 2	20.07	20.75
40620	40422	QPSK	1	0	0	0	1	0	ECI 2	20.38	20.75
41055	40857	QPSK	1	0	0	0	1	0	ECI 2	20.05	20.75
41490	41292	QPSK	1	0	0	0	1	0	ECI 2	20.33	20.75
39750	39948	QPSK	1	0	0	0	1	0	ECI 3	21.05	21.75
40185	39987	QPSK	1	0	0	0	1	0	ECI 3	21.09	21.75
40620	40422	QPSK	1	0	0	0	1	0	ECI 3	21.26	21.75
41055	40857	QPSK	1	0	0	0	1	0	ECI 3	20.96	21.75
41490	41292	QPSK	1	0	0	0	1	0	ECI 3	21.25	21.75
39750	39948	QPSK	1	0	0	0	1	0	ECI 4	20.14	20.75
40185	39987	QPSK	1	0	0	0	1	0	ECI 4	20.07	20.75
40620	40422	QPSK	1	0	0	0	1	0	ECI 4	20.38	20.75
41055	40857	QPSK	1	0	0	0	1	0	ECI 4	20.05	20.75
41490	41292	QPSK	1	0	0	0	1	0	ECI 4	20.33	20.75

CA_41C_Ant 4											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power State	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	0	0	0	1	0	Full	24.72	25.00
40185	39987	QPSK	1	0	0	0	1	0	Full	24.64	25.00
40620	40422	QPSK	1	0	0	0	1	0	Full	24.59	25.00
41055	40857	QPSK	1	0	0	0	1	0	Full	24.02	25.00
41490	41292	QPSK	1	0	0	0	1	0	Full	23.84	25.00
39750	39948	QPSK	1	0	0	0	1	0	ECI 1	23.35	23.75
40185	39987	QPSK	1	0	0	0	1	0	ECI 1	23.24	23.75
40620	40422	QPSK	1	0	0	0	1	0	ECI 1	23.15	23.75
41055	40857	QPSK	1	0	0	0	1	0	ECI 1	22.96	23.75
41490	41292	QPSK	1	0	0	0	1	0	ECI 1	22.74	23.75
39750	39948	QPSK	1	0	0	0	1	0	ECI 2	24.72	25.00
40185	39987	QPSK	1	0	0	0	1	0	ECI 2	24.64	25.00
40620	40422	QPSK	1	0	0	0	1	0	ECI 2	24.59	25.00
41055	40857	QPSK	1	0	0	0	1	0	ECI 2	24.02	25.00
41490	41292	QPSK	1	0	0	0	1	0	ECI 2	23.84	25.00
39750	39948	QPSK	1	0	0	0	1	0	ECI 3	23.35	23.75
40185	39987	QPSK	1	0	0	0	1	0	ECI 3	23.24	23.75
40620	40422	QPSK	1	0	0	0	1	0	ECI 3	23.15	23.75
41055	40857	QPSK	1	0	0	0	1	0	ECI 3	22.96	23.75
41490	41292	QPSK	1	0	0	0	1	0	ECI 3	22.74	23.75
39750	39948	QPSK	1	0	0	0	1	0	ECI 4	24.72	25.00
40185	39987	QPSK	1	0	0	0	1	0	ECI 4	24.64	25.00
40620	40422	QPSK	1	0	0	0	1	0	ECI 4	24.59	25.00
41055	40857	QPSK	1	0	0	0	1	0	ECI 4	24.02	25.00
41490	41292	QPSK	1	0	0	0	1	0	ECI 4	23.84	25.00

CA_41C_Ant 5											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power State	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	0	0	0	1	0	Full	24.03	25.00
40185	39987	QPSK	1	0	0	0	1	0	Full	23.62	25.00
40620	40422	QPSK	1	0	0	0	1	0	Full	23.55	25.00
41055	40857	QPSK	1	0	0	0	1	0	Full	24.16	25.00
41490	41292	QPSK	1	0	0	0	1	0	Full	24.25	25.00
39750	39948	QPSK	1	0	0	0	1	0	ECI 1	22.94	24.00
40185	39987	QPSK	1	0	0	0	1	0	ECI 1	23.63	24.00
40620	40422	QPSK	1	0	0	0	1	0	ECI 1	22.53	24.00
41055	40857	QPSK	1	0	0	0	1	0	ECI 1	23.02	24.00
41490	41292	QPSK	1	0	0	0	1	0	ECI 1	23.17	24.00
39750	39948	QPSK	1	0	0	0	1	0	ECI 2	23.41	24.50
40185	39987	QPSK	1	0	0	0	1	0	ECI 2	23.15	24.50
40620	40422	QPSK	1	0	0	0	1	0	ECI 2	23.04	24.50
41055	40857	QPSK	1	0	0	0	1	0	ECI 2	23.52	24.50
41490	41292	QPSK	1	0	0	0	1	0	ECI 2	23.68	24.50
39750	39948	QPSK	1	0	0	0	1	0	ECI 3	22.94	24.00
40185	39987	QPSK	1	0	0	0	1	0	ECI 3	22.63	24.00
40620	40422	QPSK	1	0	0	0	1	0	ECI 3	22.53	24.00
41055	40857	QPSK	1	0	0	0	1	0	ECI 3	23.02	24.00
41490	41292	QPSK	1	0	0	0	1	0	ECI 3	23.17	24.00
39750	39948	QPSK	1	0	0	0	1	0	ECI 4	23.41	24.50
40185	39987	QPSK	1	0	0	0	1	0	ECI 4	23.15	24.50
40620	40422	QPSK	1	0	0	0	1	0	ECI 4	23.04	24.50
41055	40857	QPSK	1	0	0	0	1	0	ECI 4	23.52	24.50
41490	41292	QPSK	1	0	0	0	1	0	ECI 4	23.68	24.50