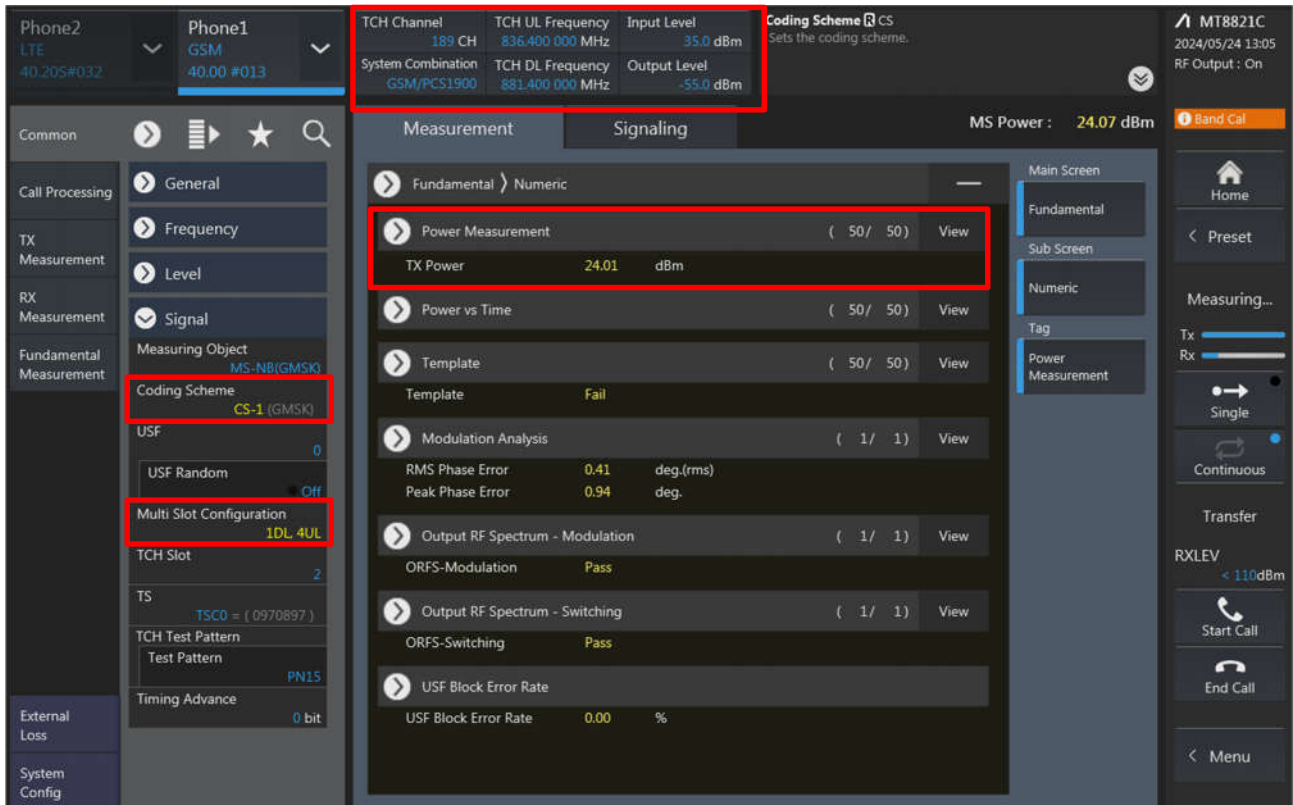


**Power measurement connection diagram:**

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.

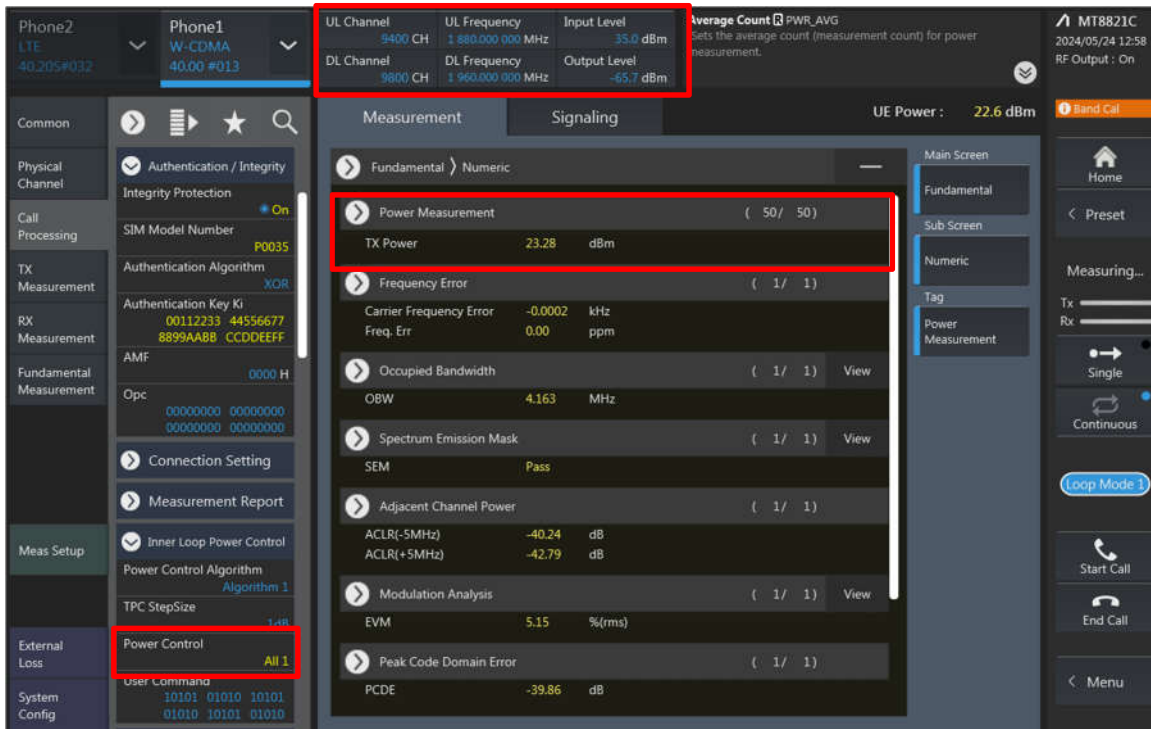
**<GSM>**



The screenshot displays the configuration and measurement settings for a GSM call. The interface is divided into several sections:

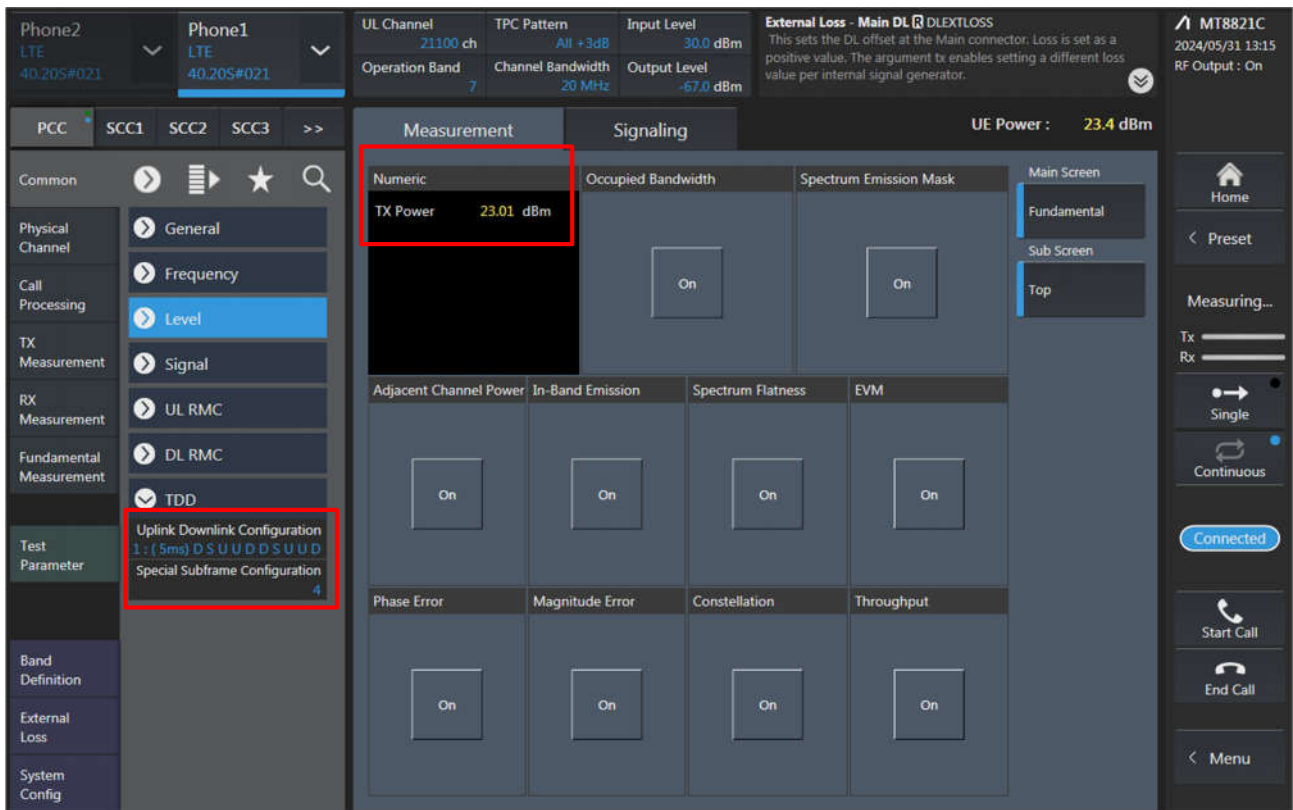
- Phone Configuration:** Phone1 is set to GSM (40.00 #013) and Phone2 is set to LTE (40.205#032).
- Measurement Parameters:**
  - TCH Channel: 189 CH
  - TCH UL Frequency: 838.400 000 MHz
  - Input Level: 35.0 dBm
  - System Combination: GSM/PCS1900
  - TCH DL Frequency: 881.400 000 MHz
  - Output Level: -55.0 dBm
  - Coding Scheme: CS
- Measurement Results:**
  - TX Power: 24.01 dBm
  - Modulation Analysis: Fail
  - RMS Phase Error: 0.41 deg.(rms)
  - Peak Phase Error: 0.94 deg.
  - USF Block Error Rate: 0.00 %
- Configuration Details:**
  - Measuring Object: MS-NB(GMSK)
  - Coding Scheme: CS-1 (GMSK)
  - Multi Slot Configuration: 1DL, 4UL
  - TCH Slot: 2
  - TS: TSC0 = ( 0970897 )
  - TCH Test Pattern: PN15
  - Timing Advance: 0 bit

### <WCDMA>



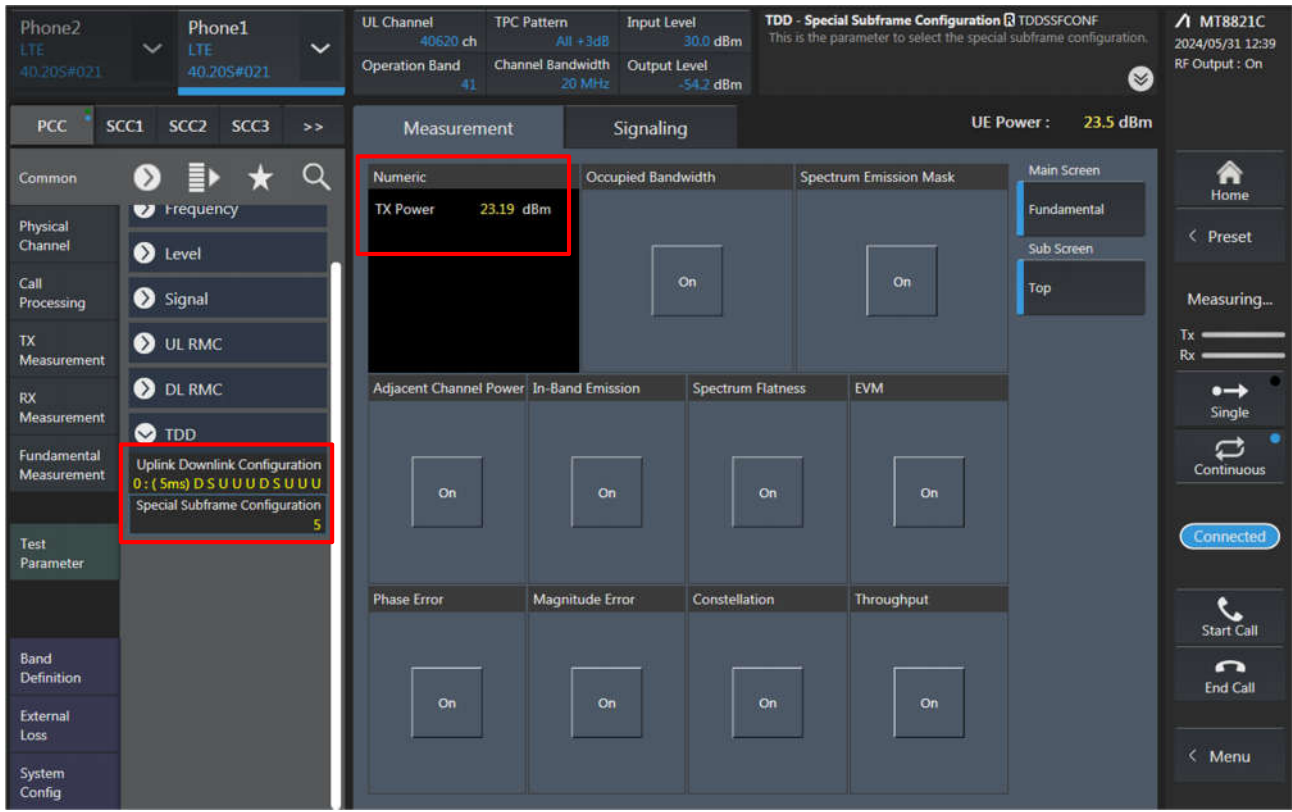
The screenshot shows the WCDMA measurement interface. At the top, it displays 'Phone2 LTE 40.205#032' and 'Phone1 W-CDMA 40.00 #013'. The 'Measurement' section is highlighted with a red box, showing 'Fundamental > Numeric' with 'Power Measurement (50/50)' and 'TX Power 23.28 dBm'. Other parameters include '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', and 'Output Level -65.7 dBm'. The 'External Loss' is set to 'All 1'. The 'UE Power' is 22.6 dBm. The interface also includes a 'Meas Setup' section with 'Inner Loop Power Control' and 'Power Control Algorithm Algorithm 1'.

### <LTE>



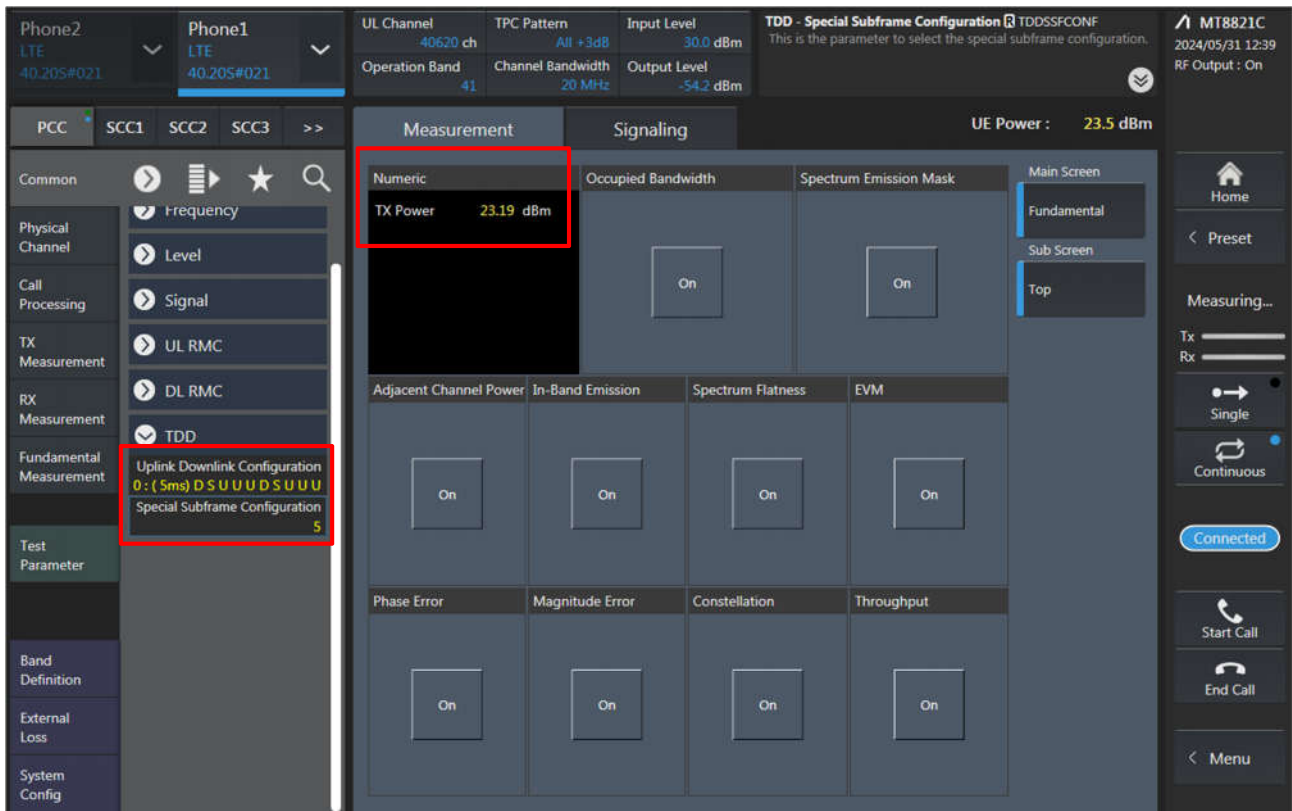
The screenshot shows the LTE measurement interface. At the top, it displays 'Phone2 LTE 40.205#021' and 'Phone1 LTE 40.20S#021'. The 'Measurement' section is highlighted with a red box, showing 'Numeric' with 'TX Power 23.01 dBm'. Other parameters include 'UL Channel 21100 ch', 'TPC Pattern All +3dB', 'Input Level 30.0 dBm', 'Operation Band 7', 'Channel Bandwidth 20 MHz', and 'Output Level -67.0 dBm'. The 'External Loss - Main DL DLEXTLOSS' is set to 'All 1'. The 'UE Power' is 23.4 dBm. The interface also includes a 'Test Parameter' section with 'Uplink Downlink Configuration 1: (5ms) DSUUDDSUUD' and 'Special Subframe Configuration 4'. The interface also includes a 'Meas Setup' section with 'PCC', 'SCC1', 'SCC2', and 'SCC3'.

### <LTE TDD Power class 3>



The screenshot shows the LTE TDD Power class 3 test interface. The top status bar displays 'Phone2 LTE 40.20S#021' and 'Phone1 LTE 40.20S#021'. The main configuration area includes 'UL Channel 40620 ch', 'TPC Pattern All +3dB', 'Input Level 30.0 dBm', 'Operation Band 41', 'Channel Bandwidth 20 MHz', and 'Output Level -54.2 dBm'. The 'TDD - Special Subframe Configuration' is set to 'TDDSSFCO NF'. The 'UE Power' is 23.5 dBm. The 'Measurement' section shows 'TX Power 23.19 dBm' (highlighted in red). The 'Fundamental Measurement' section shows 'Uplink Downlink Configuration 0: (5ms) DSUUU DSUUU' and 'Special Subframe Configuration 5' (both highlighted in red). The 'Signaling' section shows 'Occupied Bandwidth' and 'Spectrum Emission Mask' both set to 'On'. The 'Adjacent Channel Power', 'In-Band Emission', 'Spectrum Flatness', and 'EVM' sections also show 'On' status. The 'Phase Error', 'Magnitude Error', 'Constellation', and 'Throughput' sections show 'On' status. The right sidebar includes 'Home', 'Preset', 'Measuring...', 'Tx', 'Rx', 'Single', 'Continuous', 'Connected', 'Start Call', 'End Call', and 'Menu' buttons.

### <LTE TDD Power class 2>



The screenshot shows the LTE TDD Power class 2 test interface. The top status bar displays 'Phone2 LTE 40.20S#021' and 'Phone1 LTE 40.20S#021'. The main configuration area includes 'UL Channel 40620 ch', 'TPC Pattern All +3dB', 'Input Level 30.0 dBm', 'Operation Band 41', 'Channel Bandwidth 20 MHz', and 'Output Level -54.2 dBm'. The 'TDD - Special Subframe Configuration' is set to 'TDDSSFCO NF'. The 'UE Power' is 23.5 dBm. The 'Measurement' section shows 'TX Power 23.19 dBm' (highlighted in red). The 'Fundamental Measurement' section shows 'Uplink Downlink Configuration 0: (5ms) DSUUU DSUUU' and 'Special Subframe Configuration 5' (both highlighted in red). The 'Signaling' section shows 'Occupied Bandwidth' and 'Spectrum Emission Mask' both set to 'On'. The 'Adjacent Channel Power', 'In-Band Emission', 'Spectrum Flatness', and 'EVM' sections also show 'On' status. The 'Phase Error', 'Magnitude Error', 'Constellation', and 'Throughput' sections show 'On' status. The right sidebar includes 'Home', 'Preset', 'Measuring...', 'Tx', 'Rx', 'Single', 'Continuous', 'Connected', 'Start Call', 'End Call', and 'Menu' buttons.

**Phone2** LTE 40.20S#032 | **Phone1** LTE 40.20S#032

**UL Channel** 18900 ch | **TPC Pattern** All +3dB | **Input Level** 35.0 dBm  
**Operation Band** 2 | **Channel Bandwidth** 20 MHz | **Output Level** -54.2 dBm

**Power Measurement - Meas. Count** PWR\_AVG (This sets the measurement count of the power measurement.)

MT8821C | 2024/05/24 12:51 | RF Output: On

Common: PCC, SCC1, SCC2, SCC3, >>

Physical Channel: General, Frequency, Level, Signal, UL RMC, UL Allocation Mode (Normal), RB Pos. (Min(#0))

Test Parameter: **Number of RB** 1, **Starting RB** 0, Max UL Throughput 72 kbps, **MCS Index** 5 QPSK 5 72 8

Band Definition: 256QAM (Disabled), External Loss (Disabled), System Config: DL RMC

Measurement: Fundamental > Numeric

**Power Measurement** ( 50 / 50 )  
**TX Power** 25.12 dBm

Modulation Analysis ( 1 / 1 ) View  
 Freq. Err 0.00 ppm  
 EVM 1.35 %(rms)

UE Power: 25.4 dBm

Buttons: Home, Preset, Measuring..., Tx/Rx sliders, Single, Continuous, Connected, Start Call, End Call, Menu

**<5G NR FR1>**

**5G NR V08.90.21#000 \*SA-FDD** | **Power Measurement - Count** PWR\_AVG

PCC, SCC1, SCC2

**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

MT8000A | 2024/05/24 14:11 | Ref. Int

Common: PCC, SCC1, SCC2

Level / Freq Cell: General, Cell, Signal, **UL RMC**

Tx Measurement: **Waveform** DFT-S-OFDM

Rx Measurement: **Number of RB** 1, **Starting RB** 1

OTA Position: Resource Allocation Type Type1, RBG Size 1, MCS Index Table Table for 64QAM, **MCS Index** 0

Fundamental Measurement: **Modulation** **PI/2 BPSK**, Aggregation Level 4

System Config: DL RMC, Uplink Tx Switching

Measurement: Numeric

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

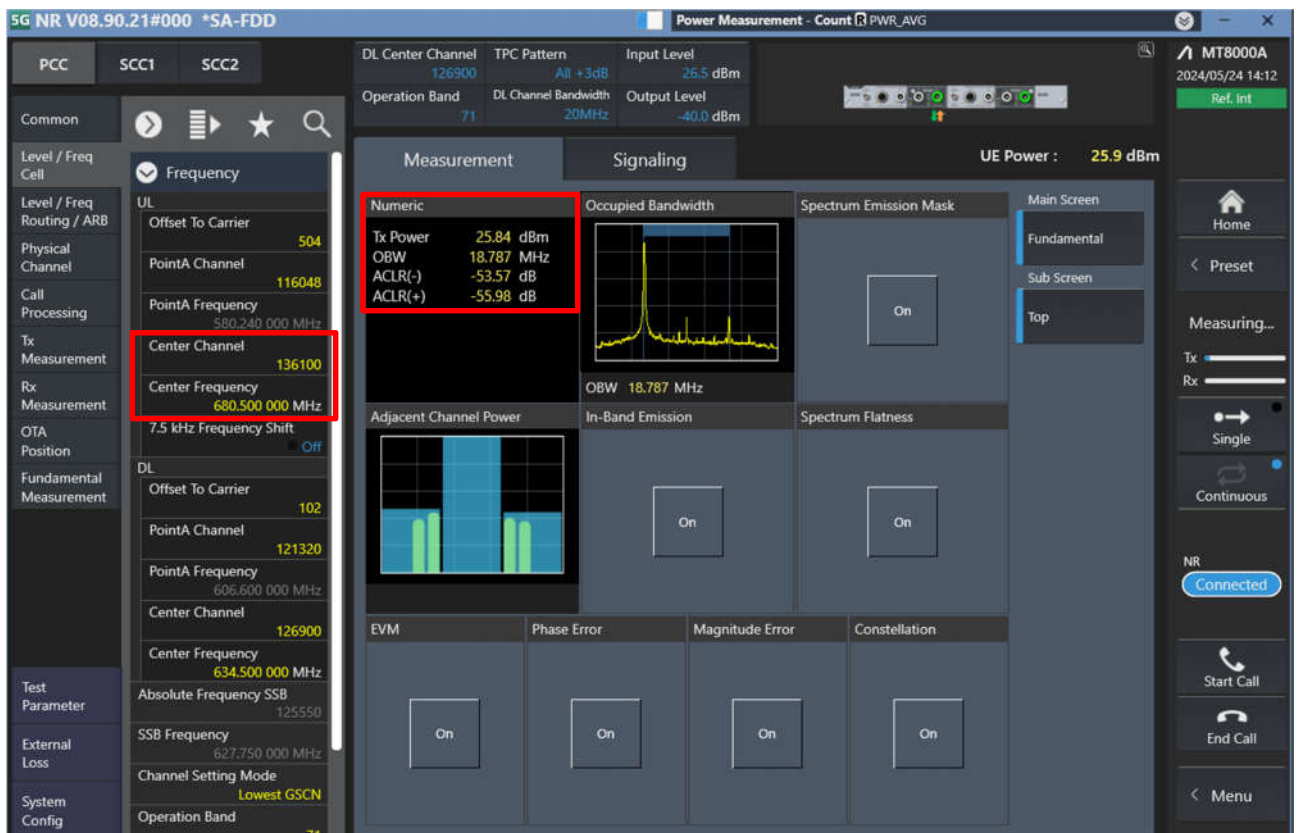
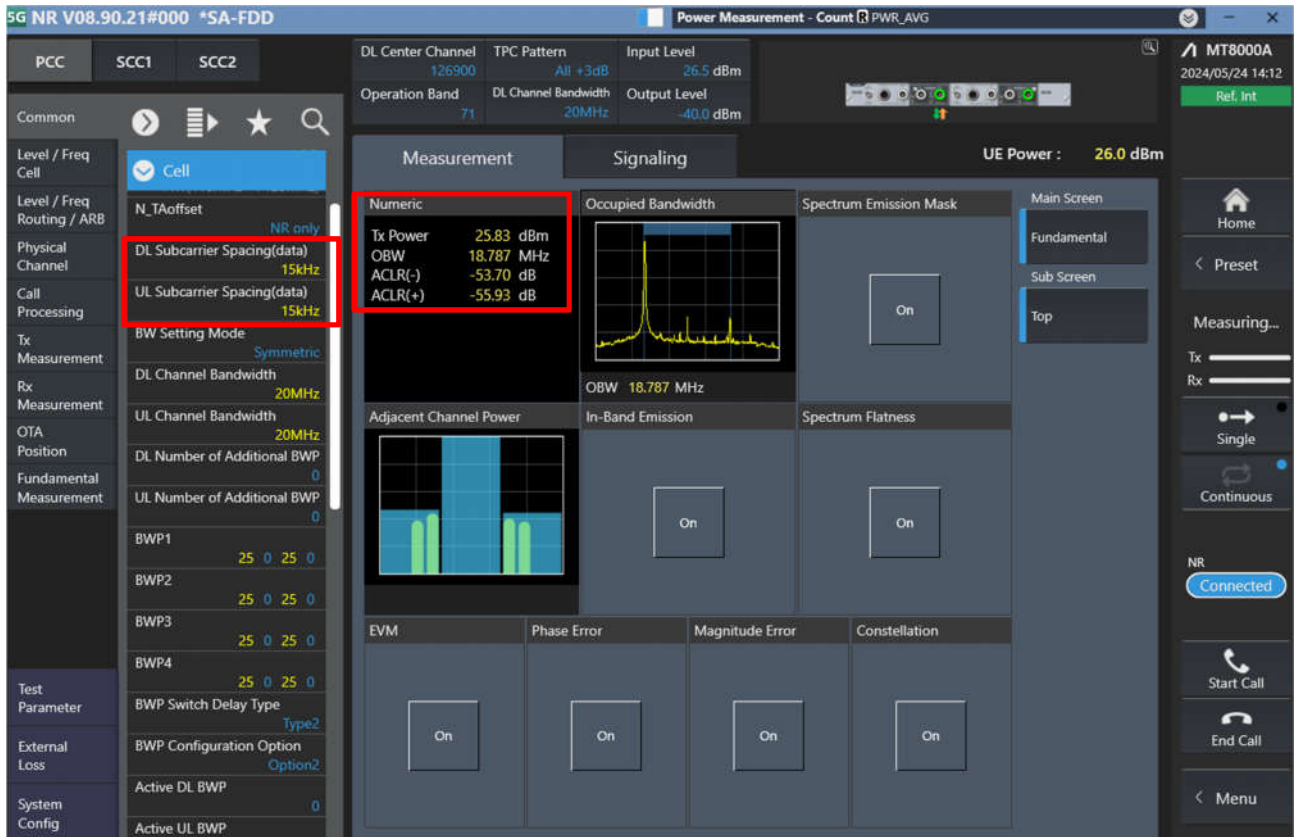
Occupied Bandwidth: OBW 18.787 MHz

Adjacent Channel Power, In-Band Emission, Spectrum Flatness, Spectrum Emission Mask, Spectrum Flatness

EVM, Phase Error, Magnitude Error, Constellation

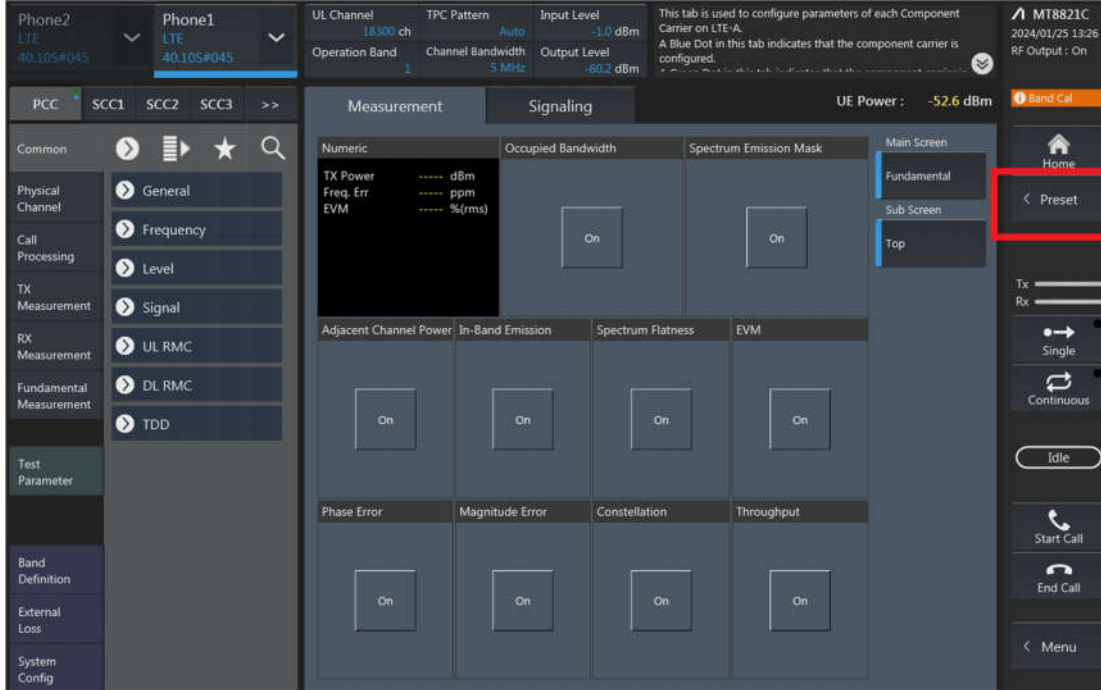
UE Power: 26.0 dBm

Buttons: Home, Preset, Measuring..., Tx/Rx sliders, Single, Continuous, Connected, Start Call, End Call, Menu



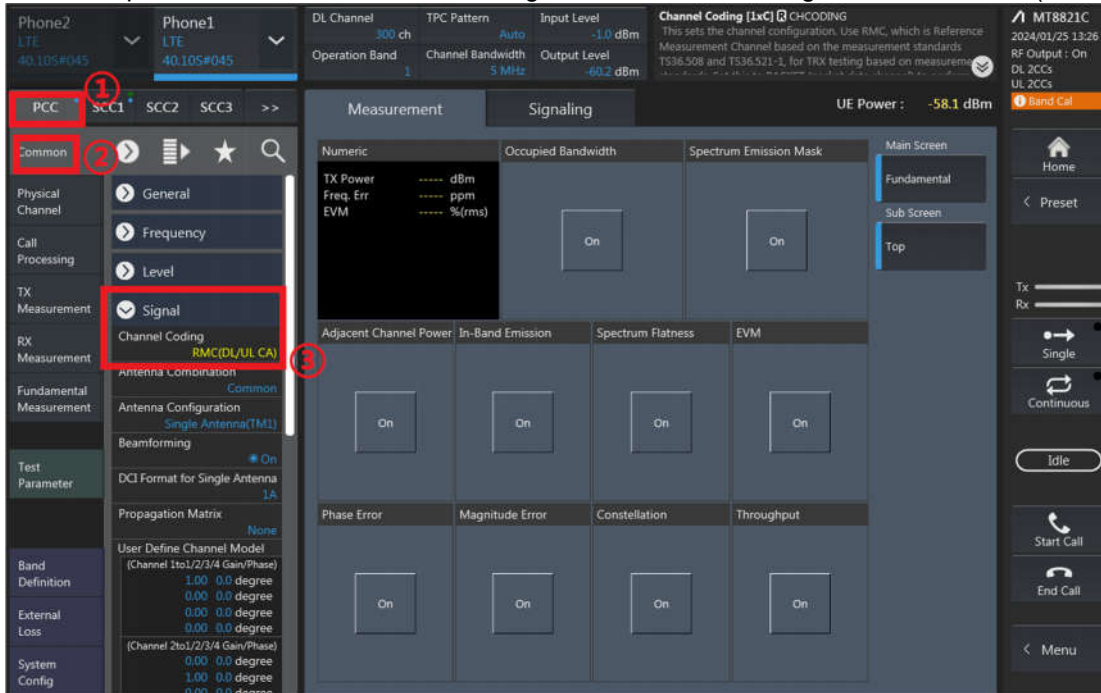
## LTE Uplink and Downlink Carrier Aggregation configurations:

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

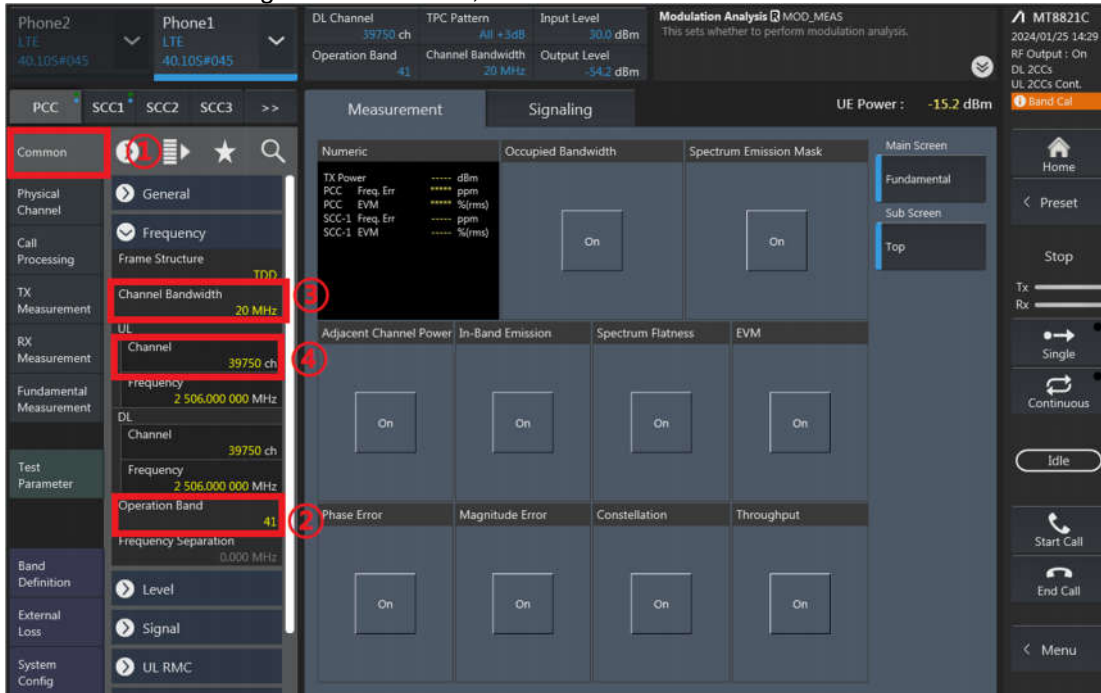


2. If Select "RMC (DL/UL CA)" for Uplink Carrier Aggregation; If Select "RMC (DL CA)" for Downlink Carrier Aggregation. For example, Uplink Carrier Aggregation:

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



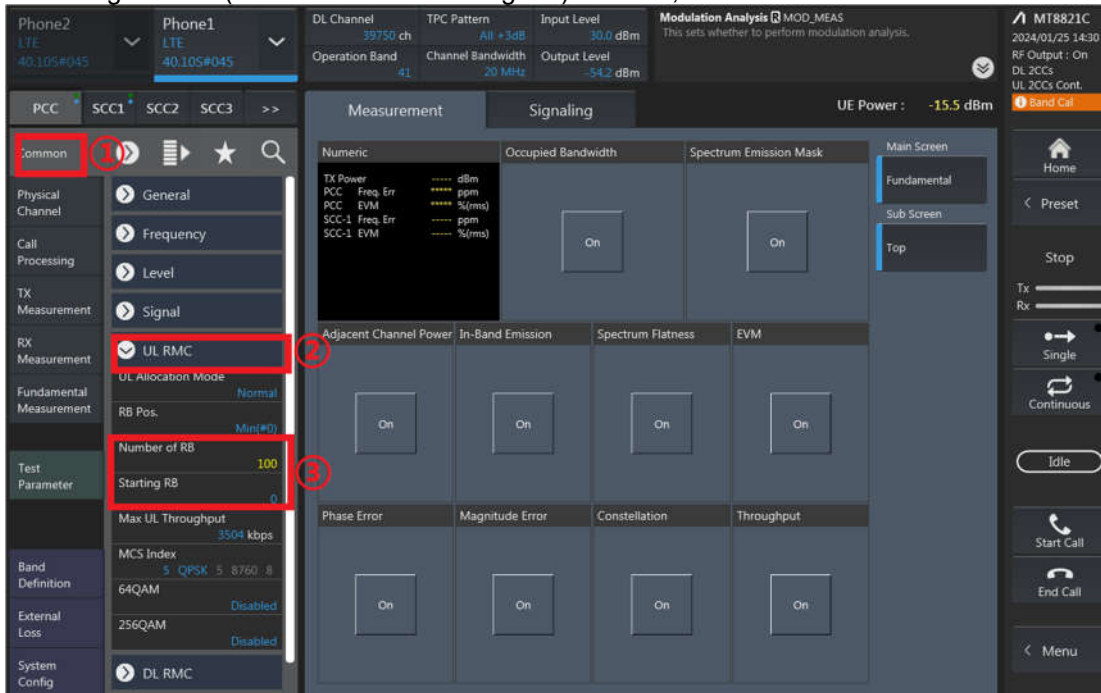
- PCC parameter Settings: on the screen, and then select the PCC tab and Set operating band, BW, channel and RB configurations for PCC;



The screenshot shows the PCC parameter settings interface. The left sidebar is expanded to the 'Common' tab. The main area displays various measurement and signaling parameters. Red boxes and numbers highlight specific settings:

- 1. 'Common' tab selected in the sidebar.
- 2. 'Operation Band' set to 41.
- 3. 'Channel Bandwidth' set to 20 MHz.
- 4. 'UL Channel' set to 39750 ch.
- 5. 'Frequency' set to 2 506.000 000 MHz.

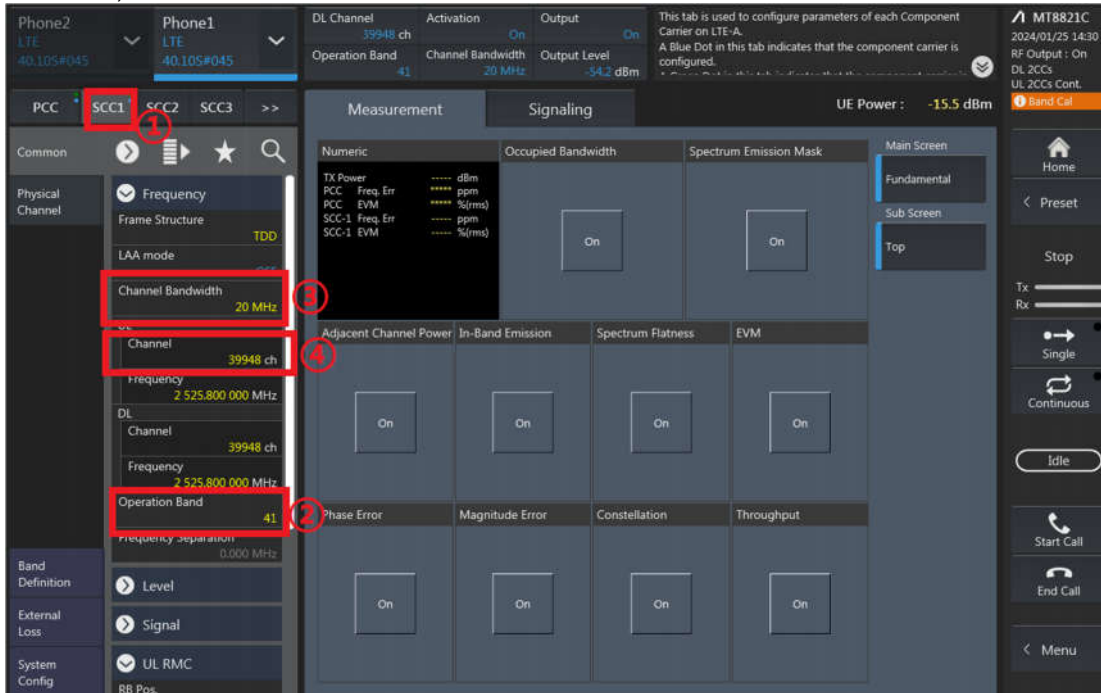
#### RB configurations (Number of RB / Starting RB) for PCC;



The screenshot shows the RB configurations interface. The left sidebar is expanded to the 'UL RMC' tab. The main area displays various measurement and signaling parameters. Red boxes and numbers highlight specific settings:

- 1. 'UL RMC' tab selected in the sidebar.
- 2. 'UL RMC' checked in the 'UL RMC' section.
- 3. 'Number of RB' set to 100.
- 4. 'Starting RB' set to 0.

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

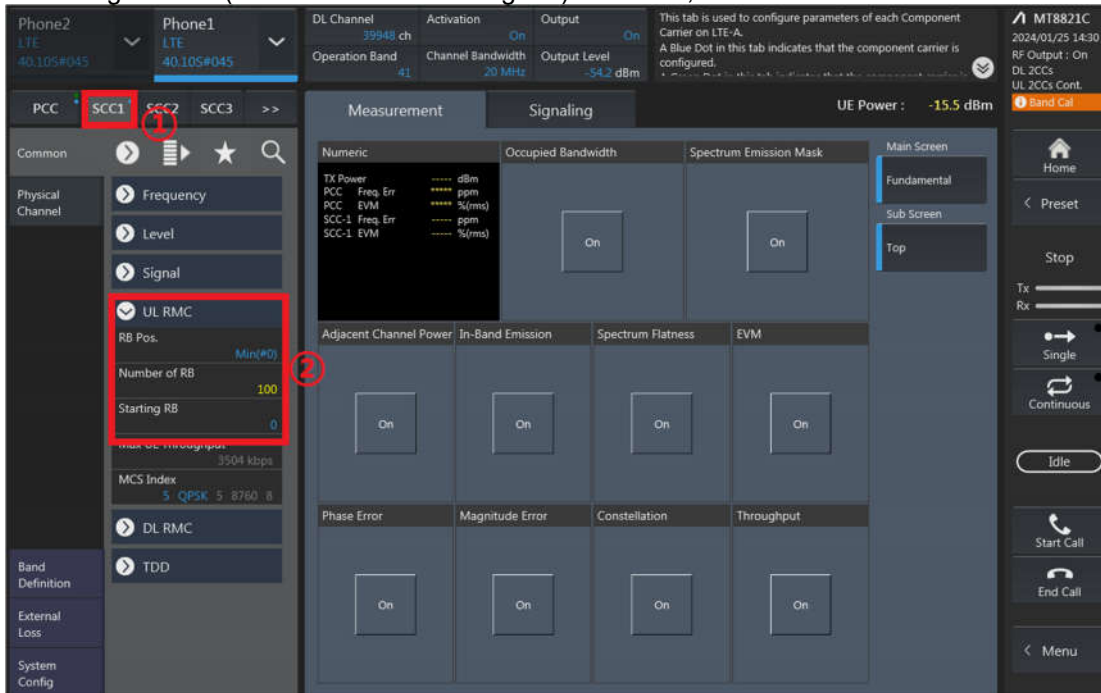


The screenshot shows the SCC1 configuration screen. The 'Physical Channel' section is highlighted with a red box. The following parameters are circled in red:

- Channel Bandwidth: 20 MHz
- Channel: 39948 ch
- Operation Band: 41
- Frequency: 2 525.800 000 MHz

The 'Measurement' and 'Signaling' tabs are visible at the top of the screen.

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



The screenshot shows the SCC1 configuration screen, focusing on the 'UL RMC' section. The 'UL RMC' section is highlighted with a red box, and the 'Number of RB' field is circled in red.

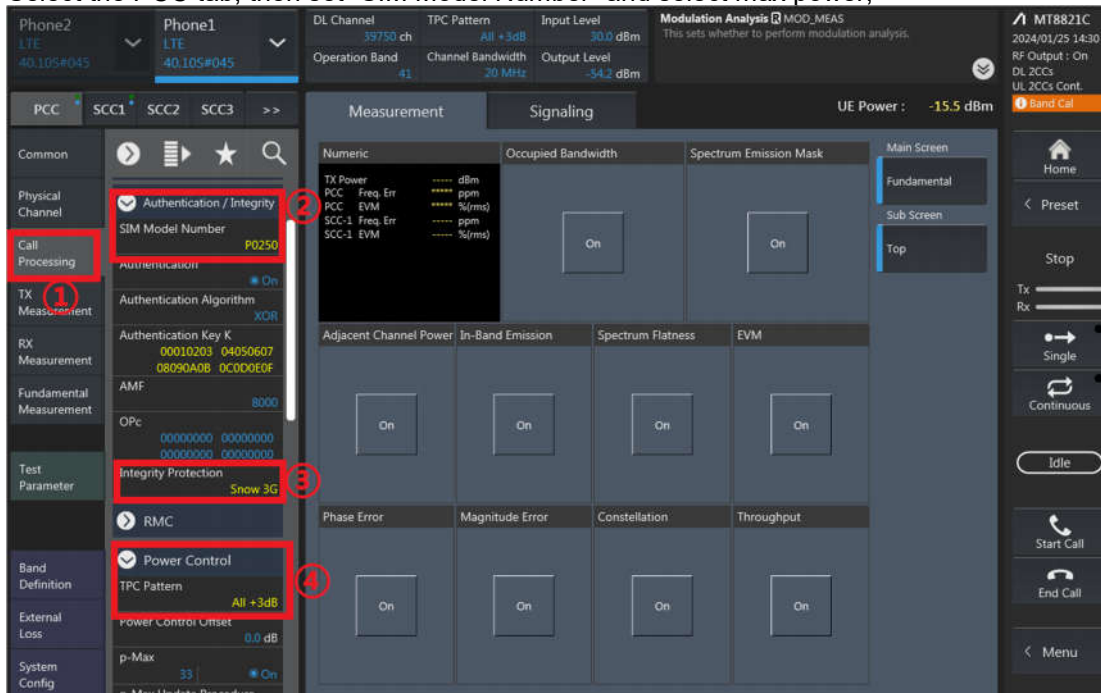
The 'UL RMC' section includes the following parameters:

- RB Pos. (Min: #0)
- Number of RB: 100
- Starting RB: 0

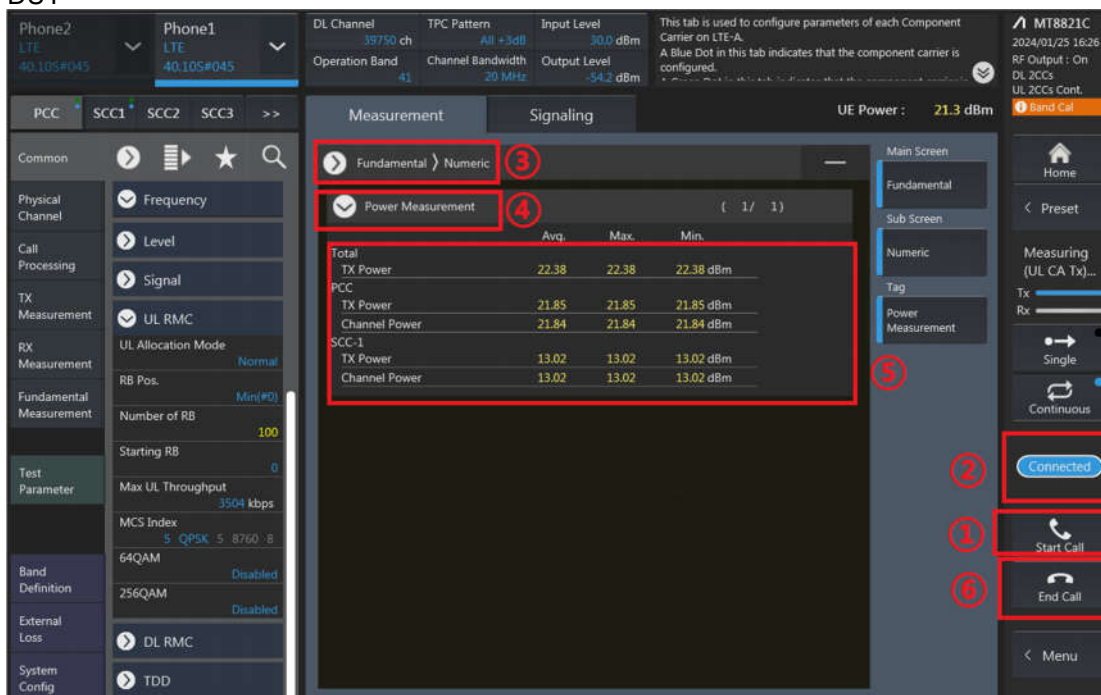
The 'Measurement' and 'Signaling' tabs are visible at the top of the screen.



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



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



	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

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

## Uplink CA Power

CA_7C Ant1 Default&ECI2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	99	1	0	22.71	24.00
21100	21298	QPSK	1	99	1	0	22.81	24.00
21350	21152	QPSK	1	0	1	99	22.74	24.00

CA_38C Ant1 Default&ECI2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	99	1	0	22.95	24.00
37901	38099	QPSK	1	99	1	0	23.12	24.00
38150	37952	QPSK	1	0	1	99	23.06	24.00

CA_41C Ant1 Default&ECI2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	23.24	24.00
40185	40383	QPSK	1	99	1	0	23.06	24.00
40620	40818	QPSK	1	99	1	0	23.3	24.00
41055	41253	QPSK	1	99	1	0	23.28	24.00
41490	41292	QPSK	1	0	1	99	23.06	24.00

CA_66C Ant0 Default&ECI2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	22.47	24.00
132322	132520	QPSK	1	99	1	0	22.48	24.00
132572	132374	QPSK	1	0	1	99	22.45	24.00

CA_66C Ant4 Default&ECI6								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	20.50	21.50
132322	132520	QPSK	1	99	1	0	20.54	21.50
132572	132374	QPSK	1	0	1	99	20.47	21.50

CA_66B Ant0 Default&ECI2								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	22.43	24.00
132322	132415	QPSK	1	74	1	0	22.45	24.00
132597	132504	QPSK	1	0	1	24	22.35	24.00

CA_66B Ant4 Default&ECI6								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	20.46	21.50
132322	132415	QPSK	1	74	1	0	20.50	21.50
132597	132504	QPSK	1	0	1	24	20.40	21.50





## Conducted Power for DL CA

2CA DL

CA List	PCC									SCC					Power	
	LTE	BW	BW	UL	UL	Mod.	UL#	UL	DL Antenna	LTE	BW	DL	DL	DL Antenna	With CA	Without CA
	Band	Ant	(MHz)	Freq. (MHz)	Channel		RB	RB Offset	Configuratio n	Band	(MHz)	Freq. (MHz)	Channel	Configuratio n	Tx. Power (dBm)	Tx. Power (dBm)
CA_2A-2A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.86	22.97
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	19.60	19.71
CA_2C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	22.86	22.97
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	19.60	19.71
CA_4A-4A	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.39	22.50
	Band 4	Ant4	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	20.38	20.49
CA_5A-38A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0	4x4MIMO	Band 38	20M	2595	38000		22.98	23.09
CA_5A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.98	23.09
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.49	22.60
CA_7A-26A	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 26	15M	876.5	8885		22.83	22.94
CA_7A-42A	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	22.83	22.94
	Band 42	Ant5	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.17	22.28
CA_7B	Band 7	Ant1	15M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2544.3	3193	4x4MIMO	22.83	22.94
CA_26A-66A	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 26	15M	876.5	8885		22.49	22.60
CA_38C	Band 38	Ant1	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048		23.02	23.13
CA_41A-42A	Band 41	Ant1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	23.30	23.41
	Band 42	Ant5	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620		22.17	22.28
CA_41C	Band 41	Ant1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818		23.30	23.41
CA_42C	Band 42	Ant5	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	22.17	22.28
CA_66B	Band 66	Ant0	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	22.49	22.60
	Band 66	Ant4	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	20.56	20.67
CA_66C	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	22.49	22.60
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	20.56	20.67



3CA DL

3CA List	PCC										SCC1				SCC2				Power		
	LTE	BW	BW	UL	UL	Mod.	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA
	Band	Ant	(MHz)	Freq (MHz)	Channel		RB	RB Offset		Band	(MHz)	Freq (MHz)	Channel		Band	(MHz)	Freq (MHz)	Channel		Tx. Power (dBm)	Tx. Power (dBm)
CA_2A-4A-5A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 5	10M	881.5	2525	4x4MIMO	22.86	22.97
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.39	22.50
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.98	23.09
CA_2A-4A-7A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.86	22.97
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.39	22.50
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.83	22.94
CA_2A-5A-7A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.86	22.97
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.98	23.09
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 5	10M	881.5	2525	4x4MIMO	22.83	22.94
CA_2A-7A-7A	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	22.86	22.97
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.83	22.94
	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.86	22.97
CA_2A-7A-66A	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.83	22.94
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.49	22.60
	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.86	22.97
CA_2A-7C	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.83	22.94
	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.86	22.97
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.49	22.60
CA_4A-5A-7A	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	22.39	22.50
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.83	22.94
	Band 4	Ant0	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.39	22.50
CA_4A-7C	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.83	22.94
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.98	23.09
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 5	10M	881.5	2525	4x4MIMO	22.83	22.94
CA_7A-38A-66A	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 38	20M	2595	38000	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.83	22.94
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 38	20M	2595	38000	4x4MIMO	22.49	22.60
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.83	22.94
CA_7A-66A-66A	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.49	22.60
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	22.59	22.60
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.83	22.94
CA_7C_66A	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.56	22.60
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.83	22.94
	Band 2	Ant0	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.86	22.97
CA_2C_66A	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	19.60	19.71
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	22.56	22.60