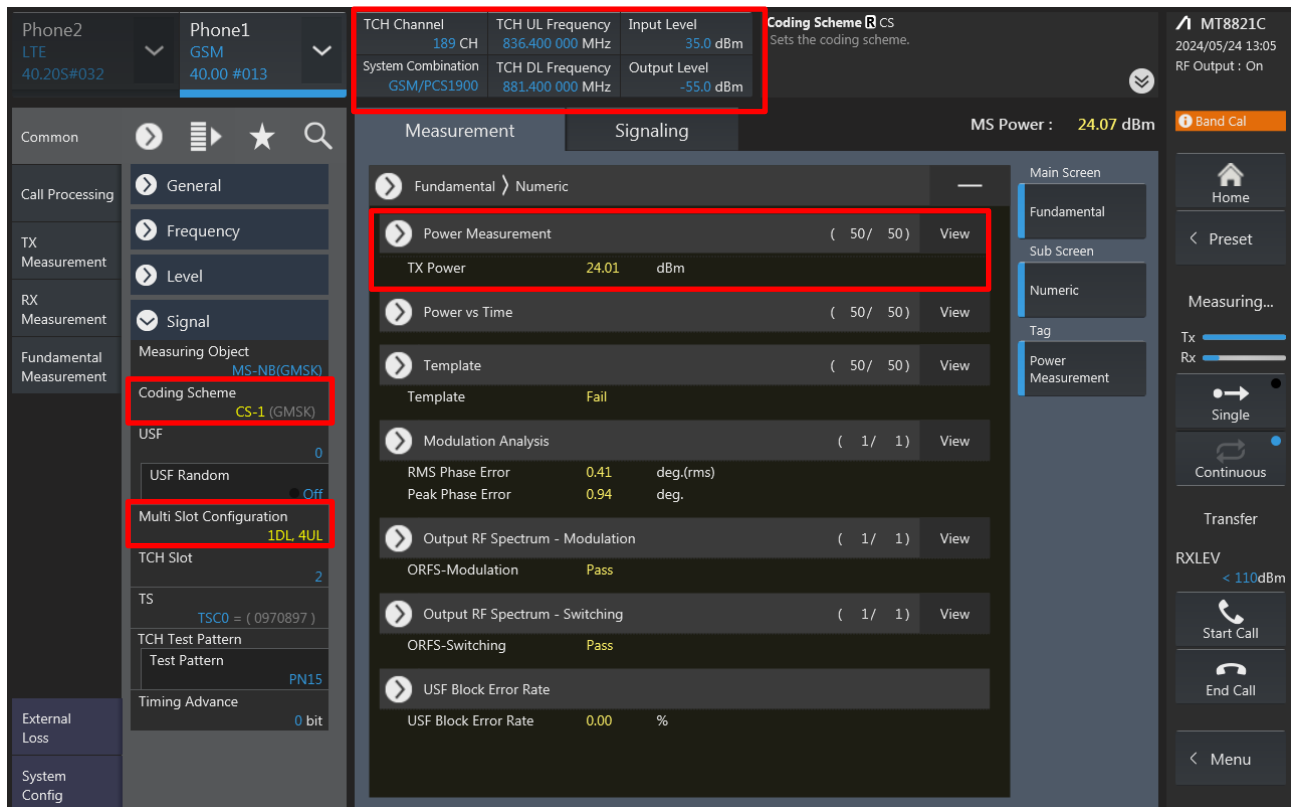


Power measurement connection diagram:

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.

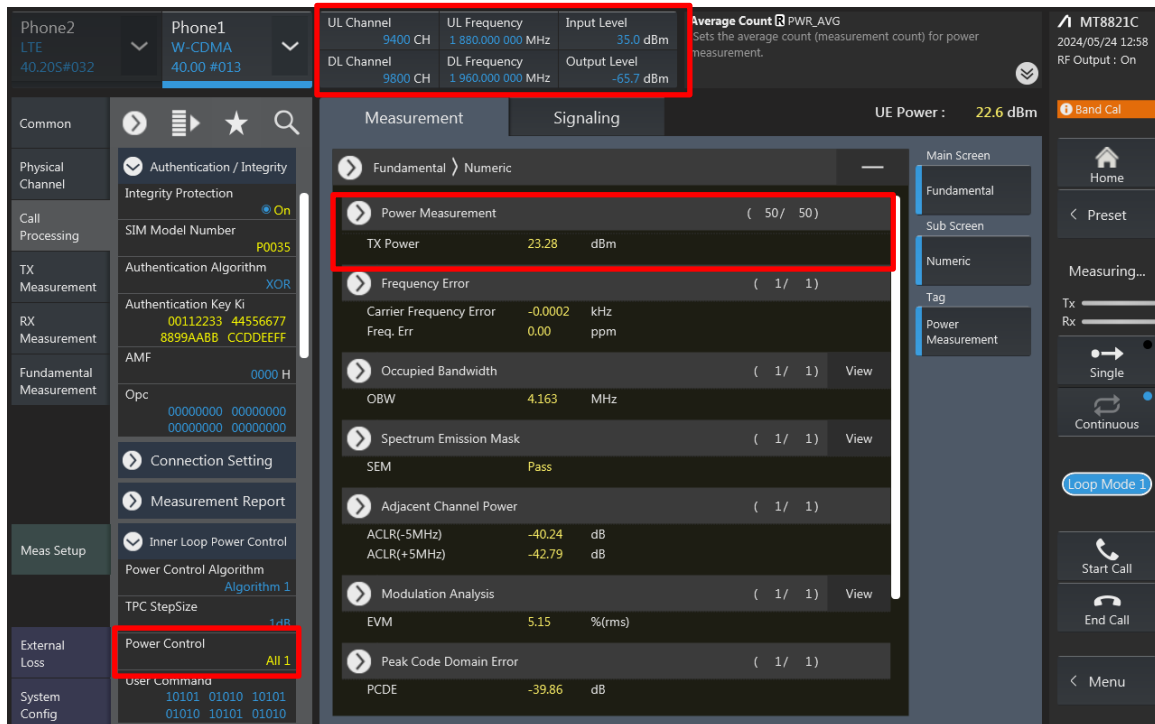
<GSM>



The screenshot displays the SPORTON LAB. software interface for GSM power measurement. The interface is divided into several sections:

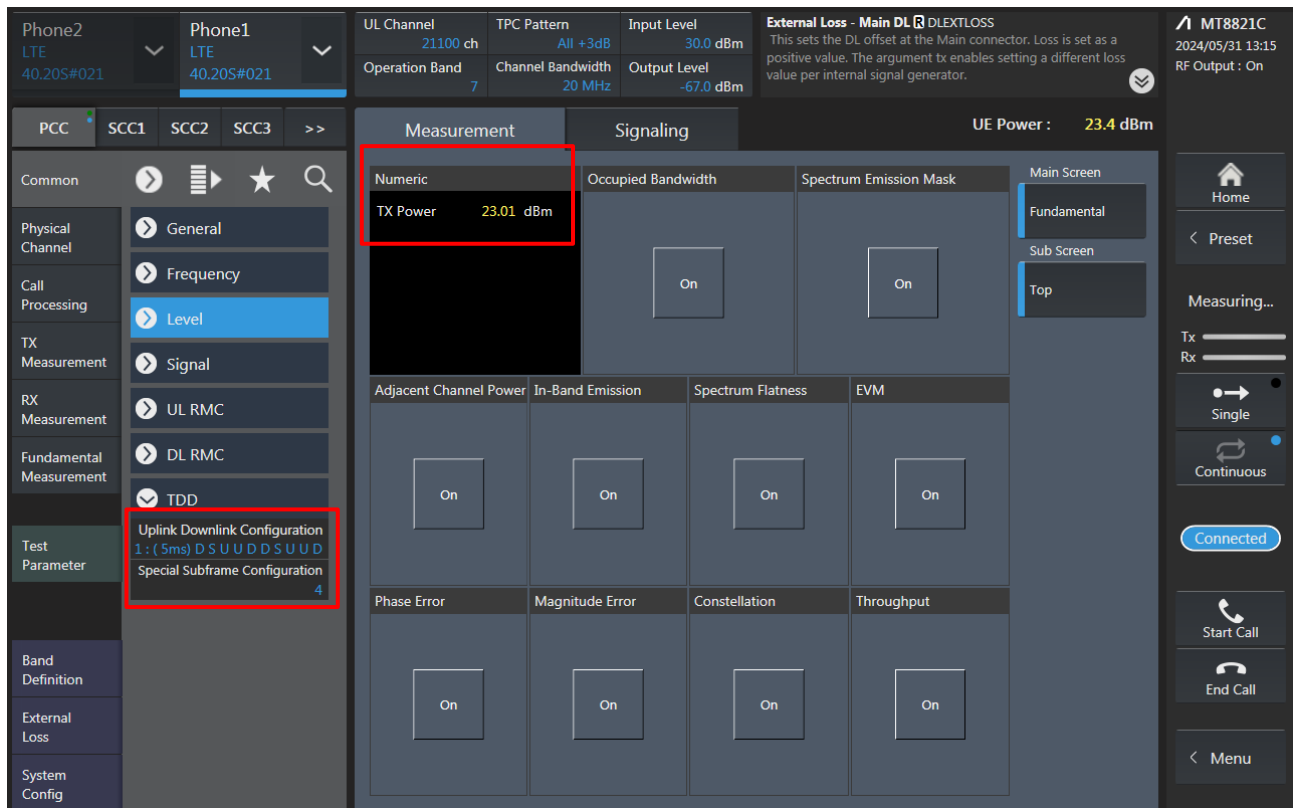
- Top Bar:** Shows Phone2 (LTE, 40.205#032) and Phone1 (GSM, 40.00 #013). The TCH Channel is 189 CH, TCH UL Frequency is 836.400 000 MHz, Input Level is 35.0 dBm, and TCH DL Frequency is 881.400 000 MHz. The Coding Scheme is CS.
- Left Sidebar:** Contains navigation options like Common, Call Processing, TX Measurement, RX Measurement, Fundamental Measurement, and External Loss. The 'Fundamental Measurement' section is expanded, showing 'Coding Scheme' (CS-1 (GMSK)) and 'Multi Slot Configuration' (1DL, 4UL).
- Main Area:** Displays 'Measurement' and 'Signaling' tabs. The 'Measurement' tab is active, showing 'Fundamental' and 'Numeric' views. The 'Power Measurement' section is highlighted, showing 'TX Power' as 24.01 dBm. Other measurements include 'Power vs Time', 'Template', 'Modulation Analysis', 'Output RF Spectrum - Modulation', 'Output RF Spectrum - Switching', and 'USF Block Error Rate'.
- Right Sidebar:** Shows 'MT8821C' with a date of 2024/05/24 13:05 and 'RF Output : On'. It also includes a 'Band Cal' button and a 'Main Screen' section with 'Fundamental', 'Sub Screen', 'Numeric', and 'Tag' options.

<WCDMA>



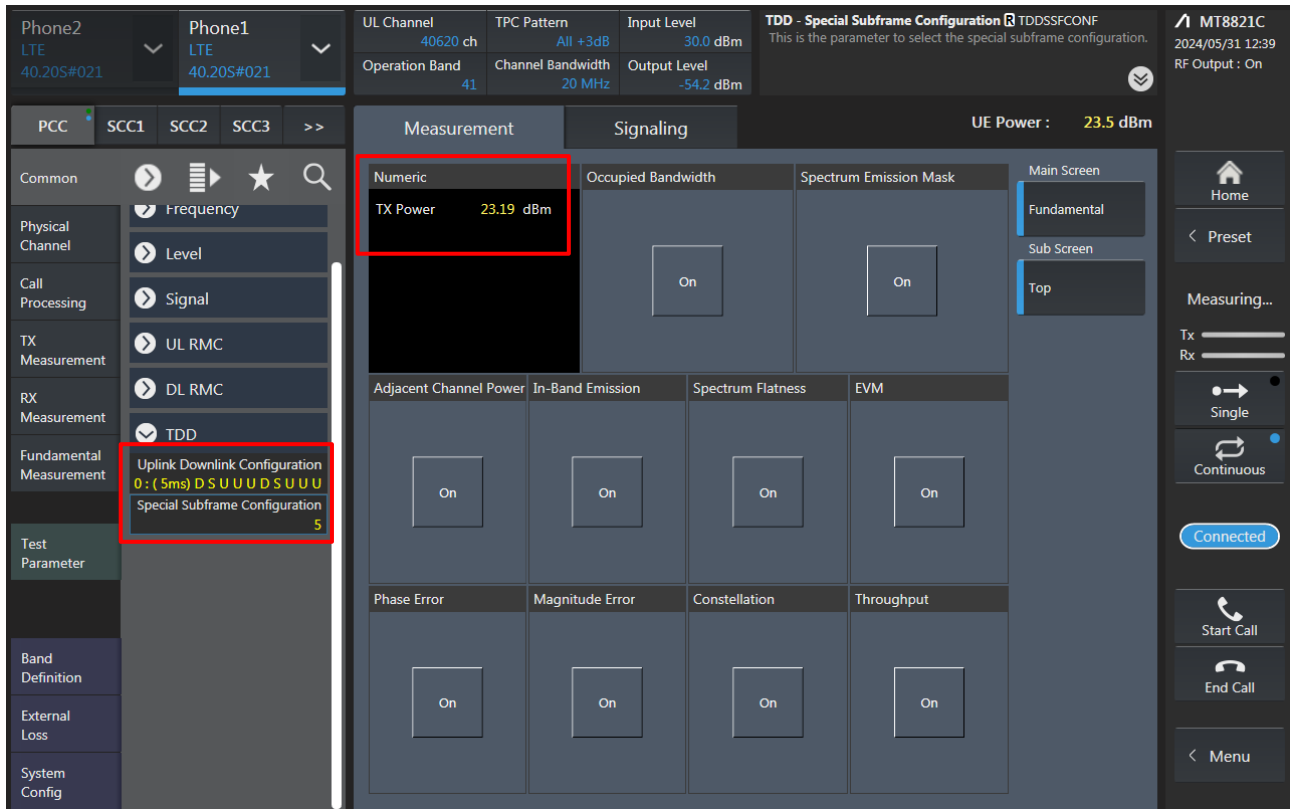
The screenshot shows the WCDMA measurement interface. The top bar displays 'Phone2 LTE 40.20S#032' and 'Phone1 W-CDMA 40.00 #013'. The 'Measurement' tab is active, showing 'Fundamental' and 'Numeric' views. The 'Power Measurement' section is highlighted with a red box, showing 'TX Power' at 23.28 dBm. The 'Occupied Bandwidth' section shows 'OBW' at 4.163 MHz. The 'Adjacent Channel Power' section shows 'ACLR(-5MHz)' at -40.24 dB and 'ACLR(+5MHz)' at -42.79 dB. The 'Modulation Analysis' section shows 'EVM' at 5.15 % (rms). The 'Peak Code Domain Error' section shows 'PCDE' at -39.86 dB. The 'UE Power' is 22.6 dBm. The 'Physical Channel' section shows 'Authentication / Integrity' and 'Integrity Protection' settings. The 'Call Processing' section shows 'SIM Model Number' as P0035. The 'TX Measurement' section shows 'Authentication Algorithm' as XOR. The 'RX Measurement' section shows 'Authentication Key Ki' as 00112233 44556677 8899AABB CCDDDEFF. The 'Fundamental Measurement' section shows 'AMF' as 0000 H and 'Opc' as 00000000 00000000 00000000 00000000. The 'Meas Setup' section shows 'Inner Loop Power Control' and 'Power Control Algorithm' as Algorithm 1. The 'External Loss' section shows 'Power Control' as All 1. The 'System Config' section shows 'User Command' as 10101 01010 10101 01010 10101 01010.

<LTE>



The screenshot shows the LTE measurement interface. The top bar displays 'Phone2 LTE 40.20S#021' and 'Phone1 LTE 40.20S#021'. The 'Measurement' tab is active, showing 'Numeric' and 'Occupied Bandwidth' views. The 'Power Measurement' section is highlighted with a red box, showing 'TX Power' at 23.01 dBm. The 'Occupied Bandwidth' section shows 'OBW' at 20 MHz. The 'Spectrum Emission Mask' section shows 'SEM' as Pass. The 'Adjacent Channel Power' section shows 'ACLR(-5MHz)' at -40.24 dB and 'ACLR(+5MHz)' at -42.79 dB. The 'Modulation Analysis' section shows 'EVM' at 5.15 % (rms). The 'Peak Code Domain Error' section shows 'PCDE' at -39.86 dB. The 'UE Power' is 23.4 dBm. The 'Physical Channel' section shows 'General' and 'Frequency' settings. The 'Call Processing' section shows 'Level' and 'Signal' settings. The 'TX Measurement' section shows 'UL RMC' and 'DL RMC' settings. The 'RX Measurement' section shows 'TDD' and 'Uplink Downlink Configuration' as 1: (5ms) D S U U D D S U U D. The 'Fundamental Measurement' section shows 'Special Subframe Configuration' as 4. The 'Test Parameter' section shows 'Uplink Downlink Configuration' as 1: (5ms) D S U U D D S U U D. The 'Band Definition' section shows 'Uplink Downlink Configuration' as 1: (5ms) D S U U D D S U U D. The 'External Loss' section shows 'Uplink Downlink Configuration' as 1: (5ms) D S U U D D S U U D. The 'System Config' section shows 'Uplink Downlink Configuration' as 1: (5ms) D S U U D D S U U D.

<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 TDDSSFCNF This is the parameter to select the special subframe configuration. MT8821C 2024/05/31 12:39 RF Output : On

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

UE Power : 23.5 dBm

Measurement Signaling

Numeric TX Power 23.19 dBm

Occupied Bandwidth Spectrum Emission Mask

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

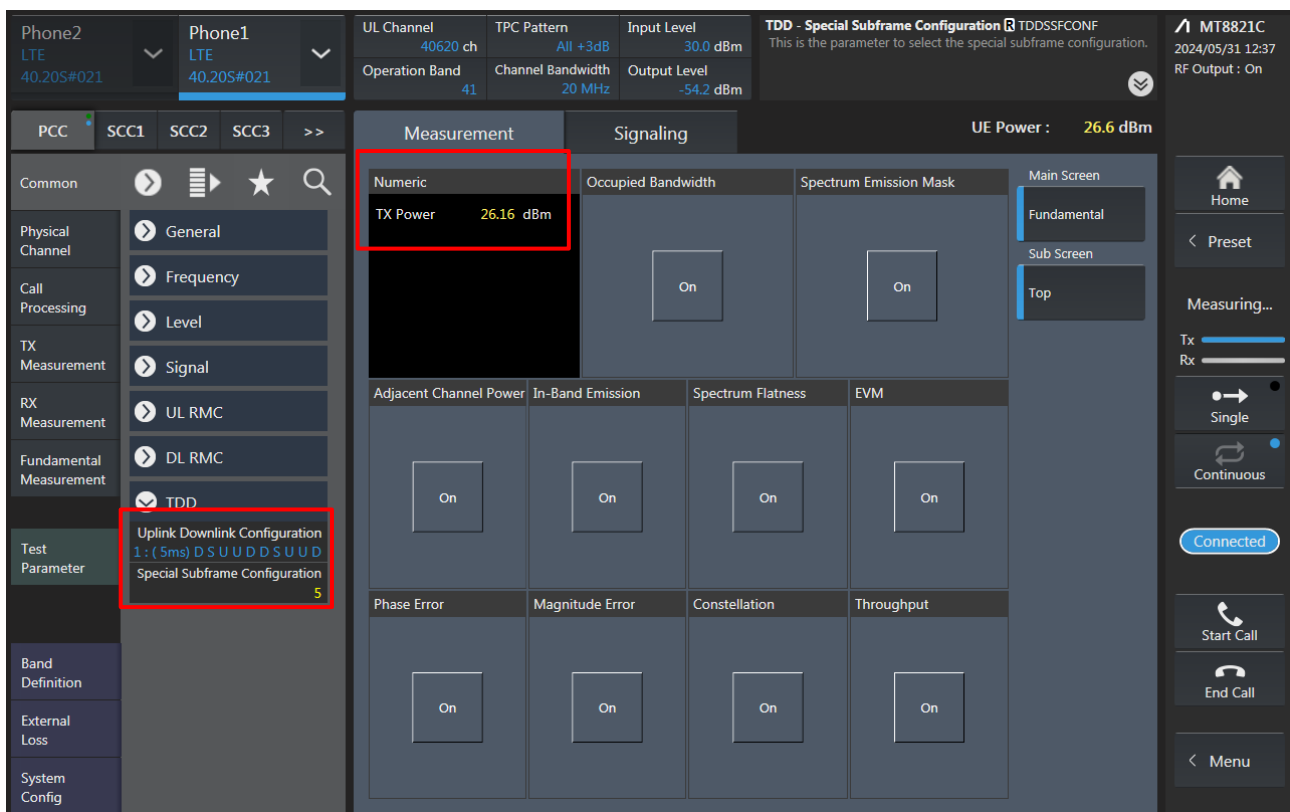
Common Frequency Level Signal UL RMC DL RMC TDD Uplink Downlink Configuration 0 : (5ms) D S U U U D S U U U Special Subframe Configuration 5

Physical Channel Call Processing TX Measurement RX Measurement Fundamental Measurement Test Parameter Band Definition External Loss System Config

Main Screen Fundamental Sub Screen Top

Home Preset Measuring... Tx Rx Single Continuous Connected Start Call End Call Menu

<LTE TDD Power class 2>



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 TDDSSFCNF This is the parameter to select the special subframe configuration. MT8821C 2024/05/31 12:37 RF Output : On

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

UE Power : 26.6 dBm

Measurement Signaling

Numeric TX Power 26.16 dBm

Occupied Bandwidth Spectrum Emission Mask

On On

Adjacent Channel Power In-Band Emission Spectrum Flatness EVM

On On On On

Phase Error Magnitude Error Constellation Throughput

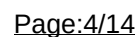
On On On On

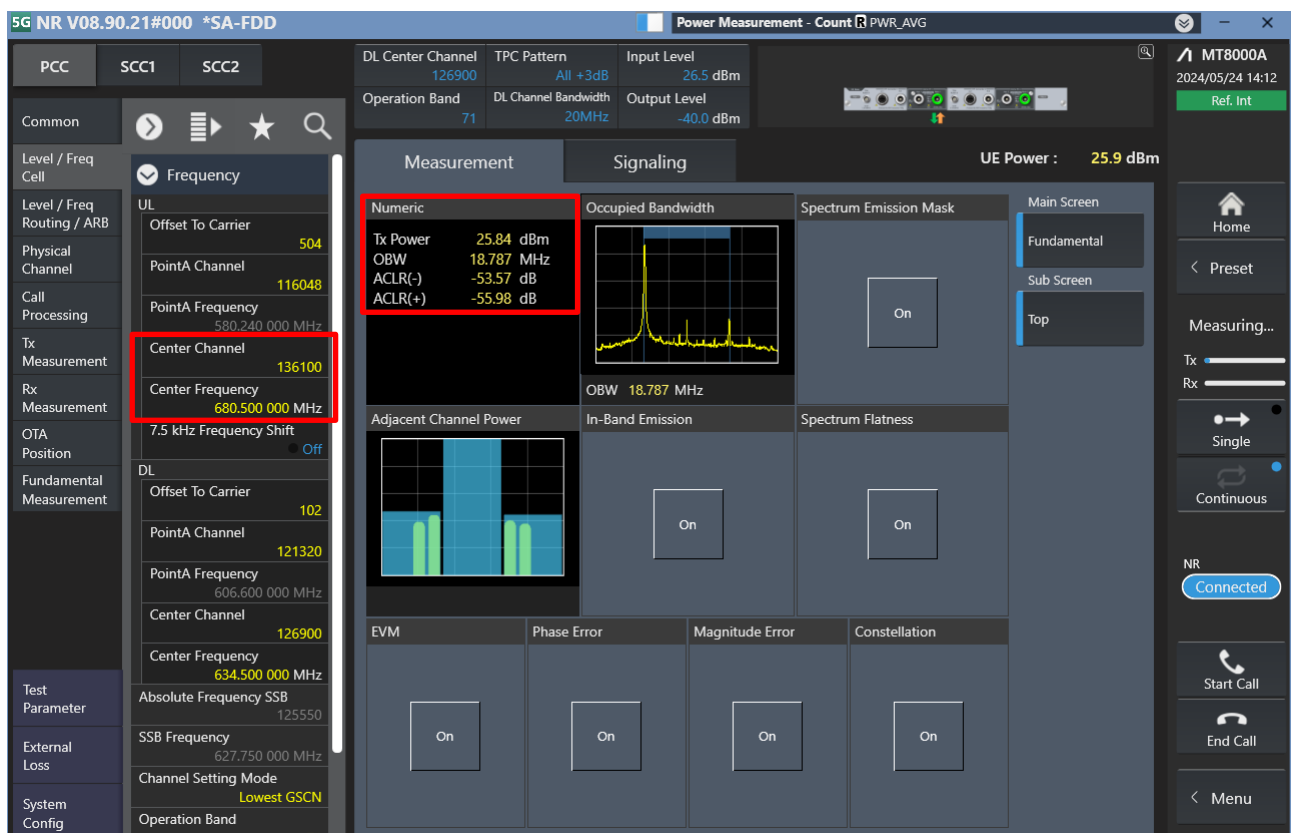
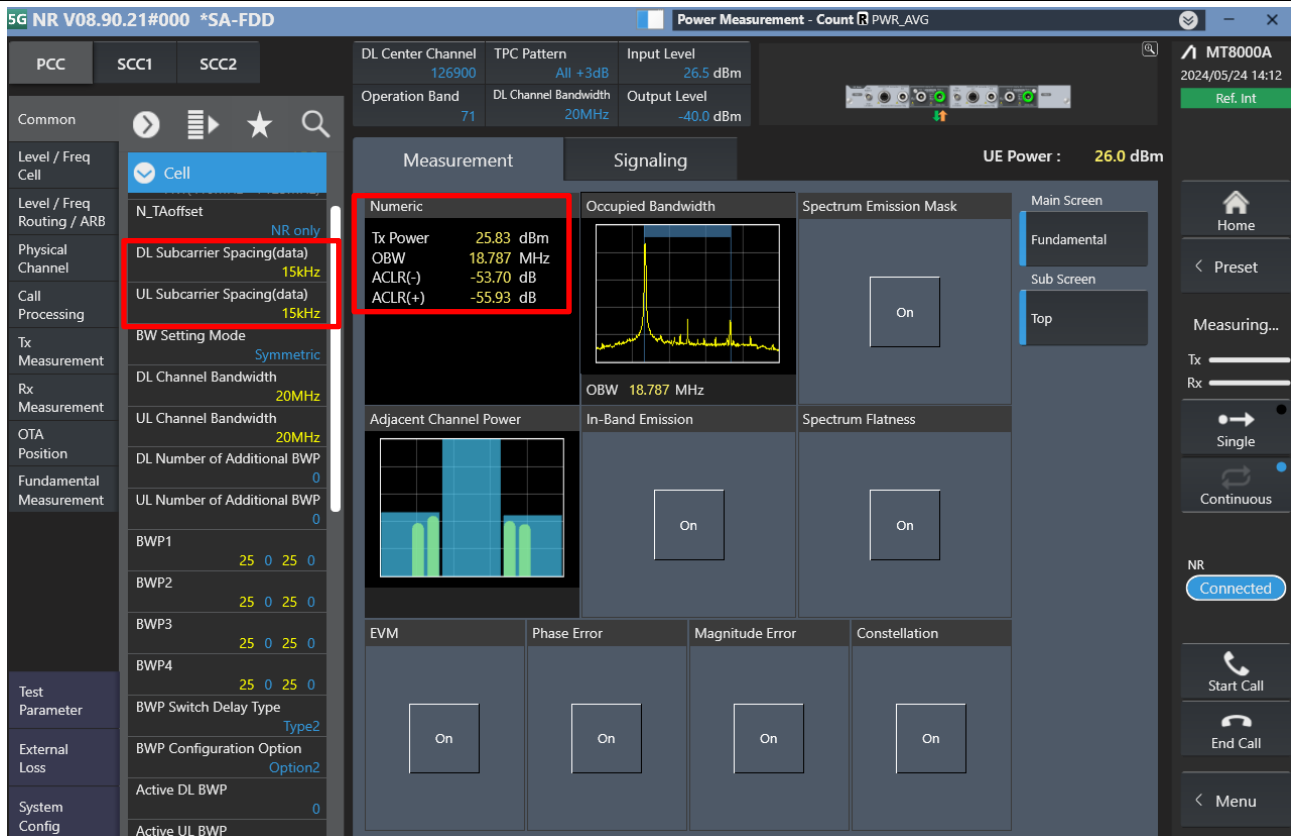
Common General Frequency Level Signal UL RMC DL RMC TDD Uplink Downlink Configuration 1 : (5ms) D S U U U D D S U U U Special Subframe Configuration 5

Physical Channel Call Processing TX Measurement RX Measurement Fundamental Measurement Test Parameter Band Definition External Loss System Config

Main Screen Fundamental Sub Screen Top

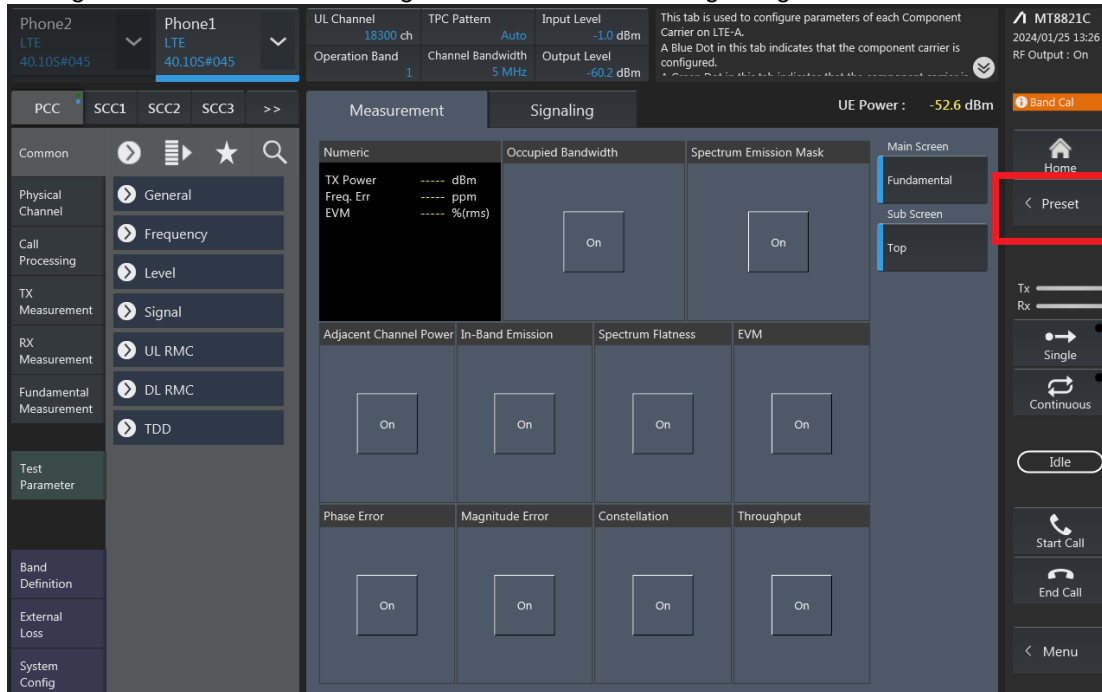
Home Preset Measuring... Tx Rx Single Continuous Connected Start Call End Call Menu





LTE Uplink and Downlink Carrier Aggregation configurations:

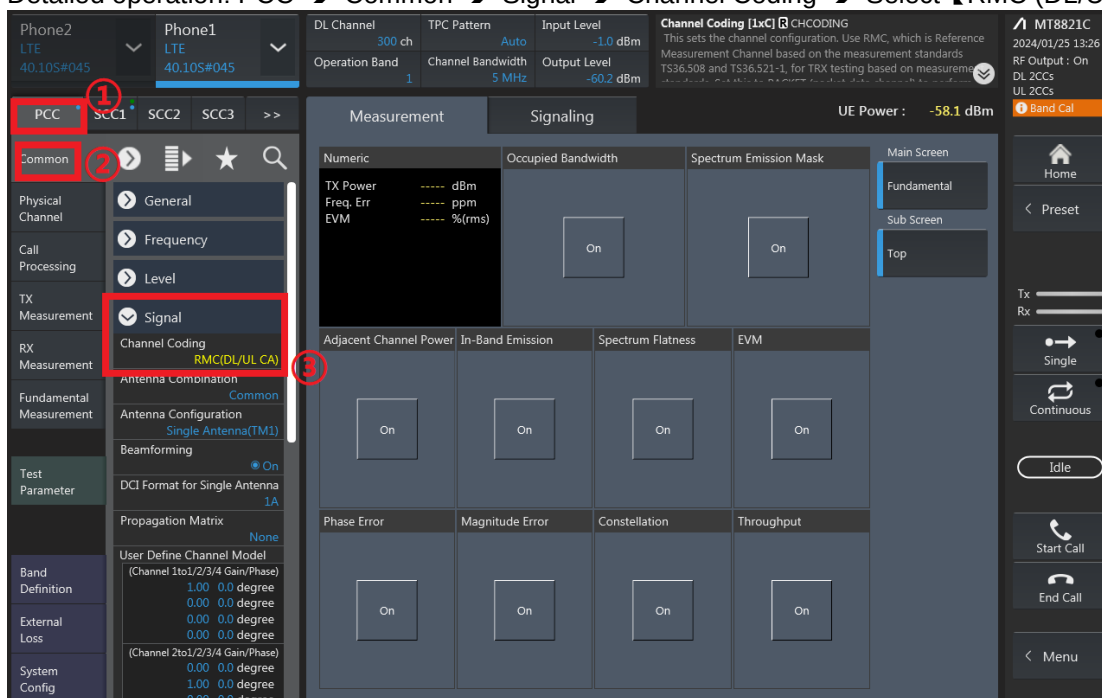
- ### 1. Change the Scenario in the Configuration of Phone1 LTE Signaling and Preset.



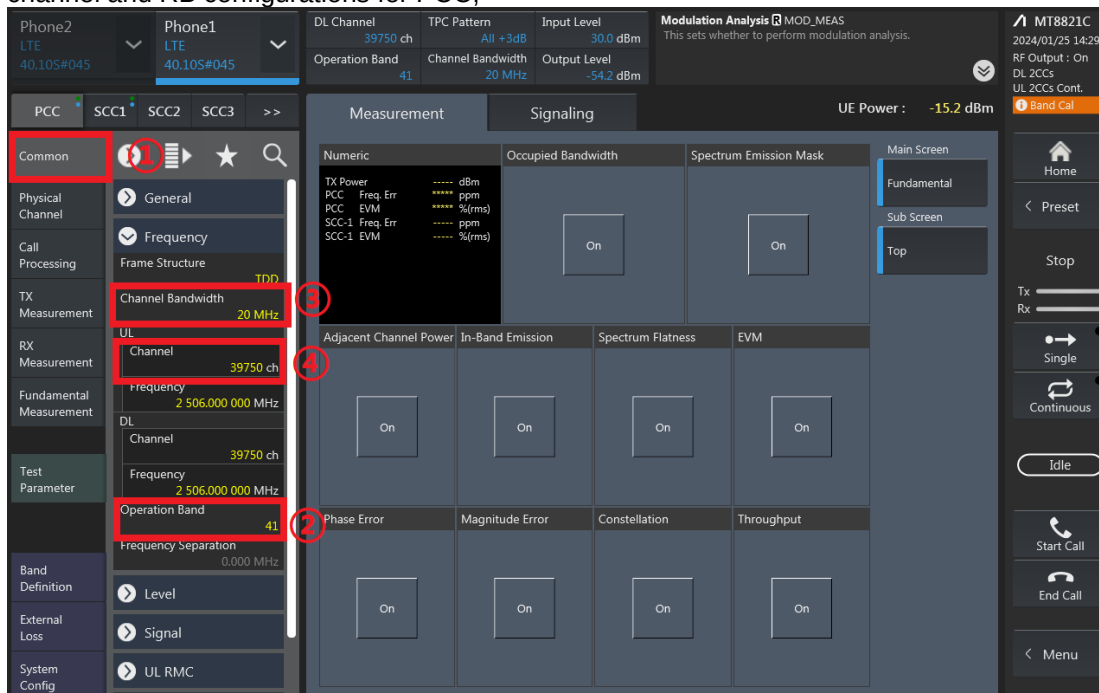
2. If Select “RMC (DL/UL CA)” for Uplink Carrier Aggregation;
If Select “RMC (DL CA)” for Downlink Carrier Aggregation.

For example, Uplink Carrier Aggregation:

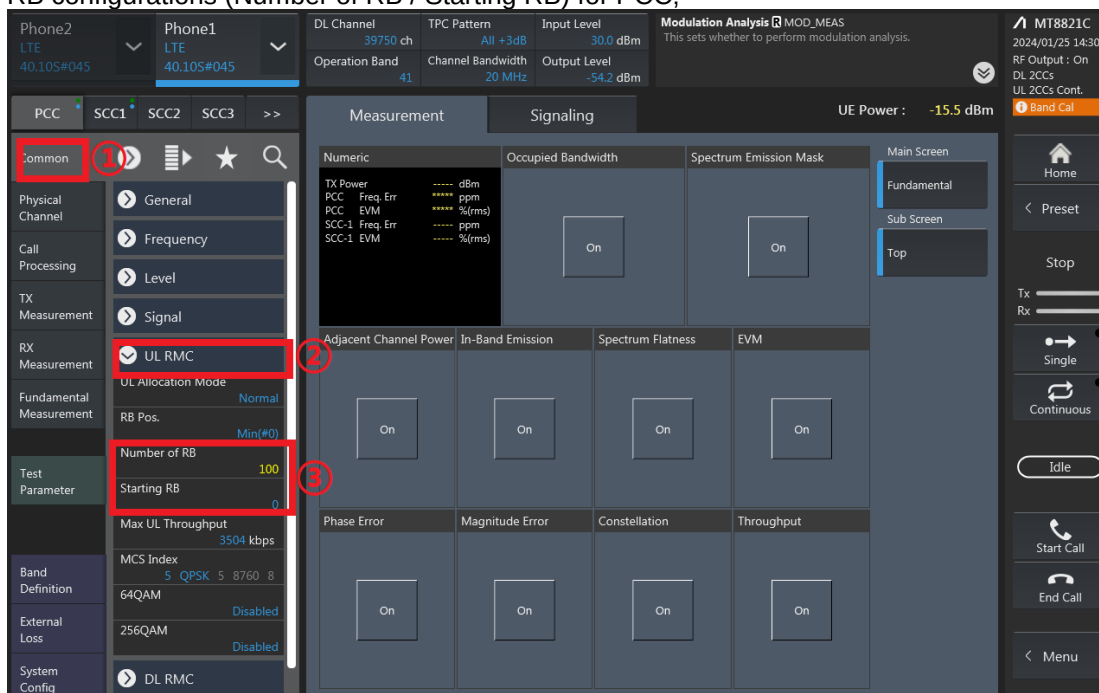
Detailed operation: PCC → Common → Signal → Channel Coding → Select 【RMC (DL/UL CA)】



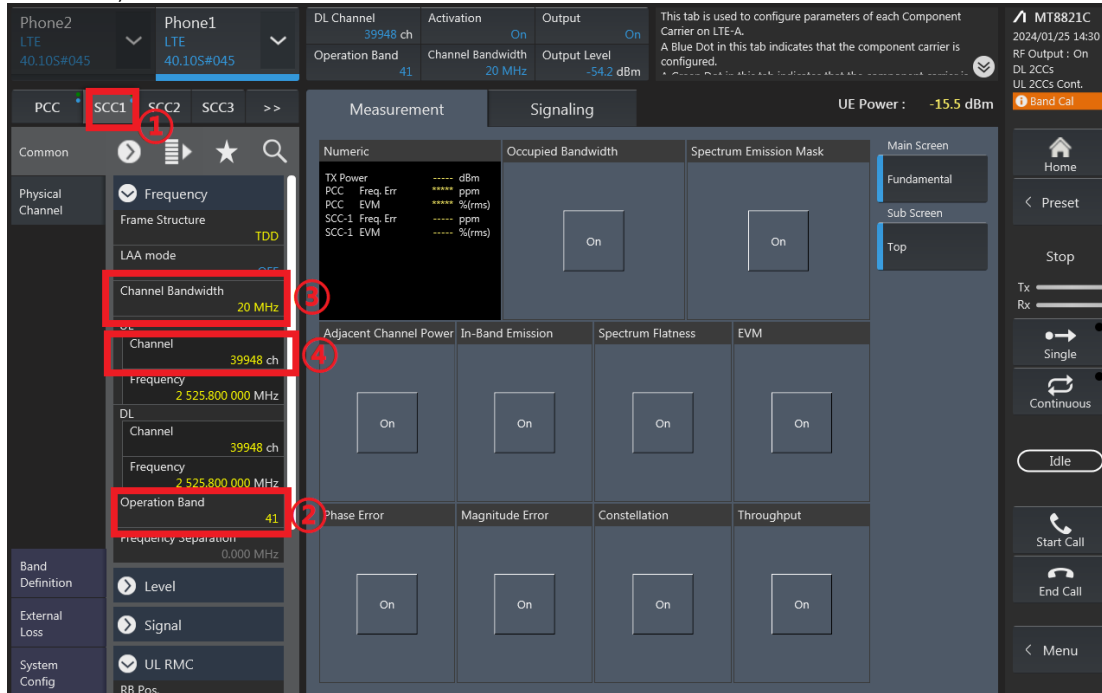
3. PCC parameter Settings: on the screen, and then select the PCC tab and Set operating band, BW, channel and RB configurations for PCC;



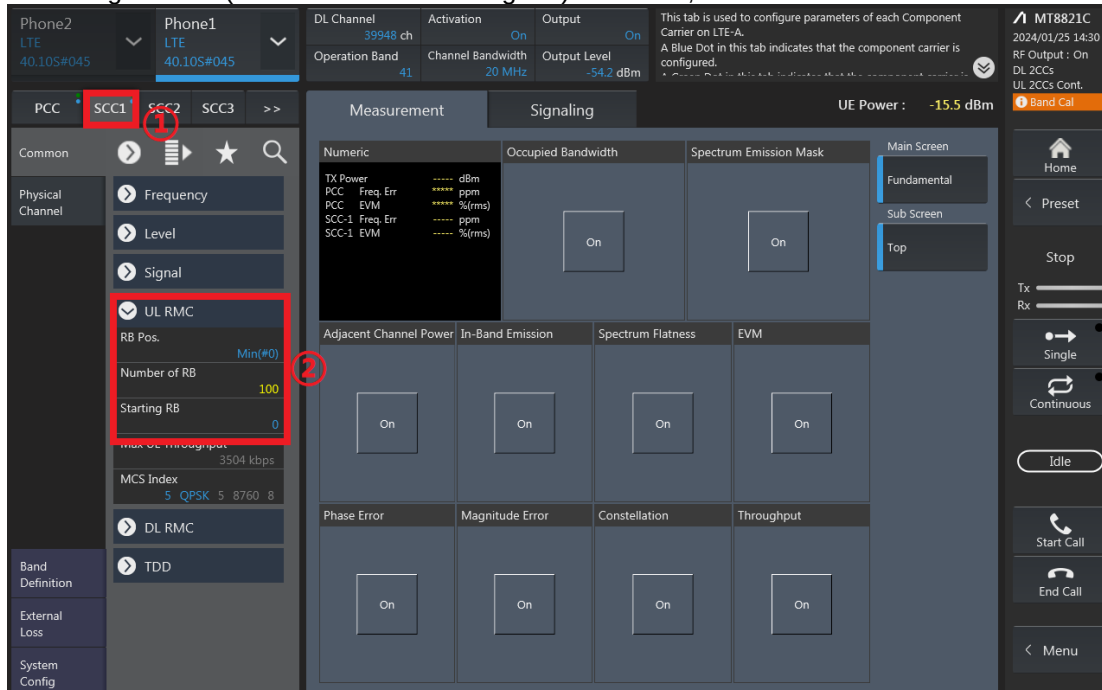
RB configurations (Number of RB / Starting RB) for PCC;



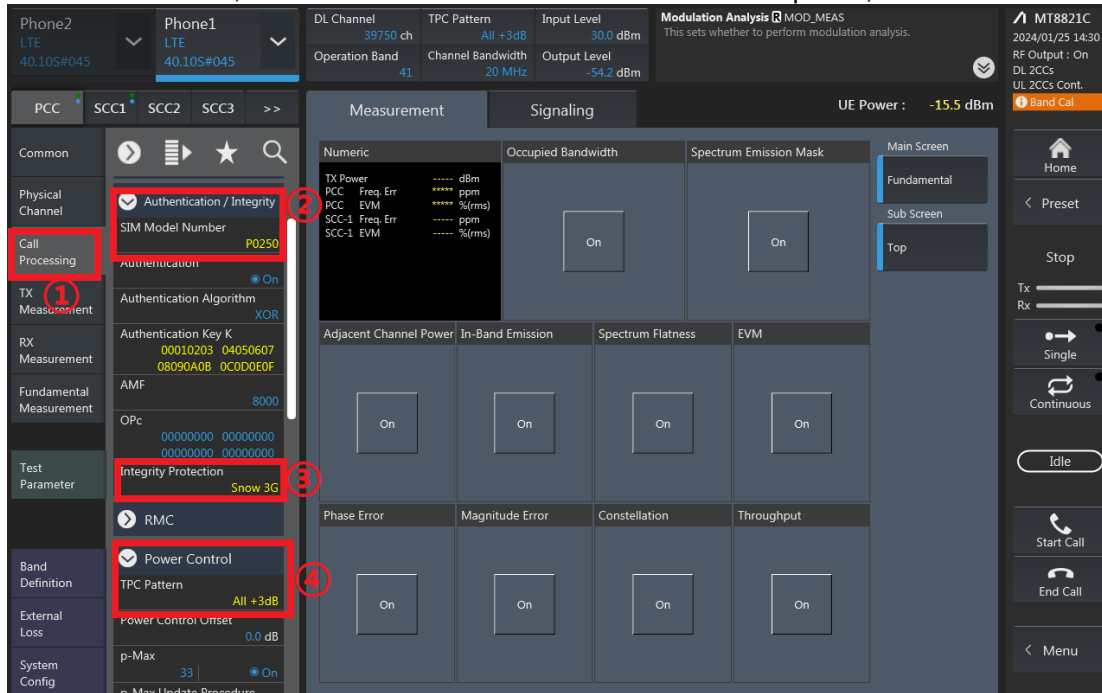
4. SCC parameter Settings: Select the SCC1 tab, Set operating band, BW, channel, and RB configurations for SCC1;



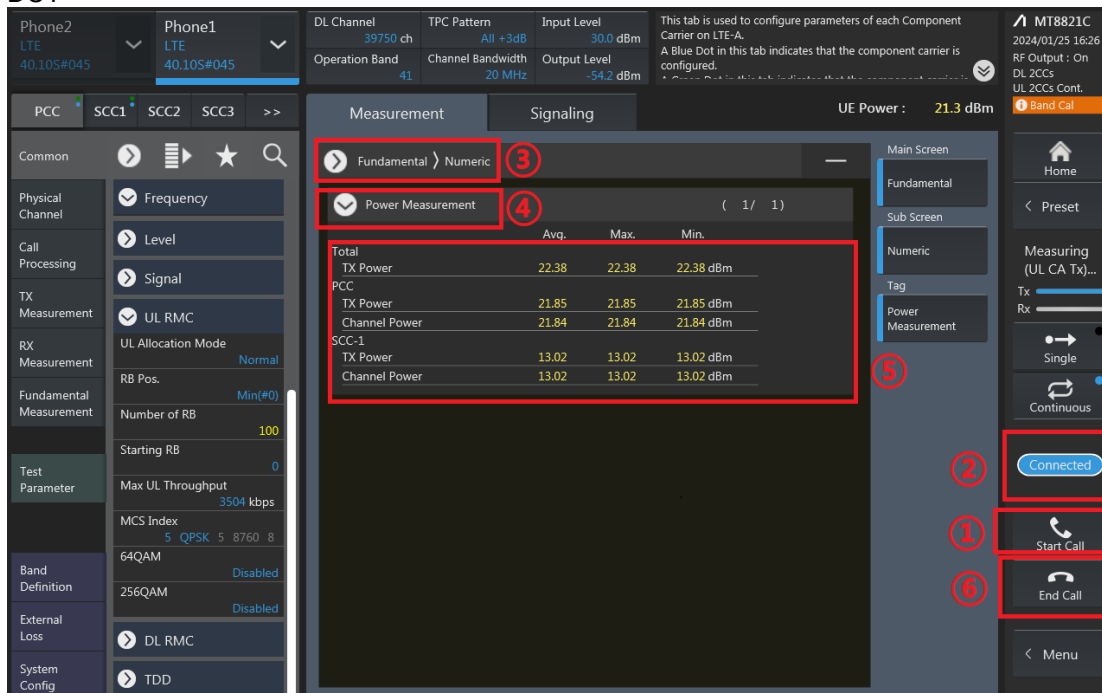
RB configurations (Number of RB / Starting RB) for SCC1;



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



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



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

UL CA

CA_7C_Ant 5 Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction
			RB Size	RB offset	RB Size	RB offset			Measured Power (dBm)
									Tune up Power (dBm)
20950	21048	QPSK	1	0	0	0	1	0	FULL
21100	21298	QPSK	1	0	0	0	1	0	FULL
21350	21152	QPSK	1	0	0	0	1	0	FULL
20950	21048	QPSK	1	0	0	0	1	0	18.59
21100	21298	QPSK	1	0	0	0	1	0	18.62
21350	21152	QPSK	1	0	0	0	1	0	18.52
20950	21048	QPSK	1	0	0	0	1	0	24.04
21100	21298	QPSK	1	0	0	0	1	0	24.11
21350	21152	QPSK	1	0	0	0	1	0	24.05
20950	21048	QPSK	1	0	0	0	1	0	16.64
21100	21298	QPSK	1	0	0	0	1	0	16.71
21350	21152	QPSK	1	0	0	0	1	0	16.85
20950	21048	QPSK	1	0	0	0	1	0	24.04
21100	21298	QPSK	1	0	0	0	1	0	24.07
21350	21152	QPSK	1	0	0	0	1	0	23.97

CA_7C_Ant 6 Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction
			RB Size	RB offset	RB Size	RB offset			Measured Power (dBm)
									Tune up Power (dBm)
20950	21048	QPSK	1	0	0	0	1	0	FULL
21100	21298	QPSK	1	0	0	0	1	0	FULL
21350	21152	QPSK	1	0	0	0	1	0	FULL
20950	21048	QPSK	1	0	0	0	1	0	17.99
21100	21298	QPSK	1	0	0	0	1	0	18.12
21350	21152	QPSK	1	0	0	0	1	0	18.11
20950	21048	QPSK	1	0	0	0	1	0	15.25
21100	21298	QPSK	1	0	0	0	1	0	15.40
21350	21152	QPSK	1	0	0	0	1	0	15.35
20950	21048	QPSK	1	0	0	0	1	0	16.18
21100	21298	QPSK	1	0	0	0	1	0	16.25
21350	21152	QPSK	1	0	0	0	1	0	16.25
20950	21048	QPSK	1	0	0	0	1	0	14.66
21100	21298	QPSK	1	0	0	0	1	0	14.73
21350	21152	QPSK	1	0	0	0	1	0	14.58

CA_7C_Ant 11											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dbm)	Tune up Power (dbm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	FULL	23.42	24.50
20850	21048	QPSK	1	0	0	0	1	0	FULL	23.52	24.50
21100	21298	QPSK	1	0	0	0	1	0	FULL	23.51	24.50
20850	21048	QPSK	1	0	0	0	1	0	ECI 3	15.81	16.90
21100	21298	QPSK	1	0	0	0	1	0	ECI 3	15.92	16.90
21350	21152	QPSK	1	0	0	0	1	0	ECI 3	15.87	16.90
20850	21048	QPSK	1	0	0	0	1	0	ECI 5	12.70	13.80
21100	21298	QPSK	1	0	0	0	1	0	ECI 5	12.78	13.80
21350	21152	QPSK	1	0	0	0	1	0	ECI 5	12.77	13.80
20850	21048	QPSK	1	0	0	0	1	0	ECI 8	14.03	15.00
21100	21298	QPSK	1	0	0	0	1	0	ECI 8	14.04	15.00
21350	21152	QPSK	1	0	0	0	1	0	ECI 8	14.01	15.00
20850	21048	QPSK	1	0	0	0	1	0	ECI 10	11.98	13.10
21100	21298	QPSK	1	0	0	0	1	0	ECI 10	12.12	13.10
21350	21152	QPSK	1	0	0	0	1	0	ECI 10	12.03	13.10

CA_7C_Ant 7											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	SCC				Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	FULL	20.04	21.50
21100	21298	QPSK	1	0	0	0	1	0	FULL	20.16	21.50
21350	21152	QPSK	1	0	0	0	1	0	FULL	20.13	21.50
20850	21048	QPSK	1	0	0	0	1	0	ECI 3	18.28	19.50
21100	21298	QPSK	1	0	0	0	1	0	ECI 3	18.41	19.50
21350	21152	QPSK	1	0	0	0	1	0	ECI 3	18.40	19.50
20850	21048	QPSK	1	0	0	0	1	0	ECI 5	15.01	16.20
21100	21298	QPSK	1	0	0	0	1	0	ECI 5	15.13	16.20
21350	21152	QPSK	1	0	0	0	1	0	ECI 5	15.06	16.20
20850	21048	QPSK	1	0	0	0	1	0	ECI 8	16.61	17.80
21100	21298	QPSK	1	0	0	0	1	0	ECI 8	16.63	17.80
21350	21152	QPSK	1	0	0	0	1	0	ECI 8	16.53	17.80
20850	21048	QPSK	1	0	0	0	1	0	ECI 10	14.31	15.40
21100	21298	QPSK	1	0	0	0	1	0	ECI 10	14.36	15.40
21350	21152	QPSK	1	0	0	0	1	0	ECI 10	14.22	15.40

CA_38C_Ant 5											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	FULL	24.25	25.00
37901	38099	QPSK	1	0	0	0	1	0	FULL	24.33	25.00
38150	37952	QPSK	1	0	0	0	1	0	FULL	24.22	25.00
37850	38048	QPSK	1	0	0	0	1	0	ECI 3	21.69	22.70
37901	38099	QPSK	1	0	0	0	1	0	ECI 3	21.77	22.70
38150	37952	QPSK	1	0	0	0	1	0	ECI 3	21.88	22.70
37850	38048	QPSK	1	0	0	0	1	0	ECI 5	24.00	25.00
37901	38099	QPSK	1	0	0	0	1	0	ECI 5	24.13	25.00
38150	37952	QPSK	1	0	0	0	1	0	ECI 5	24.04	25.00
37850	38048	QPSK	1	0	0	0	1	0	ECI 8	19.96	20.90
37901	38099	QPSK	1	0	0	0	1	0	ECI 8	19.97	20.90
38150	37952	QPSK	1	0	0	0	1	0	ECI 8	19.89	20.90
37850	38048	QPSK	1	0	0	0	1	0	ECI 10	24.02	25.00
37901	38099	QPSK	1	0	0	0	1	0	ECI 10	24.13	25.00
38150	37952	QPSK	1	0	0	0	1	0	ECI 10	24.05	25.00

CA_38C_Ant 6											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	SCC				Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	0	0	0	1	0	FULL	23.70	24.30
37901	38099	QPSK	1	0	0	0	1	0	FULL	23.85	24.30
38150	37952	QPSK	1	0	0	0	1	0	FULL	23.77	24.30
37850	38048	QPSK	1	0	0	0	1	0	ECI 3	21.20	22.00
37901	38099	QPSK	1	0	0	0	1	0	ECI 3	21.31	22.00
38150	37952	QPSK	1	0	0	0	1	0	ECI 3	21.30	22.00
37850	38048	QPSK	1	0	0	0	1	0	ECI 5	19.23	19.10
37901	38099	QPSK	1	0	0	0	1	0	ECI 5	18.35	19.10
38150	37952	QPSK	1	0	0	0	1	0	ECI 5	18.26	19.10
37850	38048	QPSK	1	0	0	0	1	0	ECI 8	19.41	20.20
37901	38099	QPSK	1	0	0	0	1	0	ECI 8	19.50	20.20
38150	37952	QPSK	1	0	0	0	1	0	ECI 8	19.43	20.20
37850	38048	QPSK	1	0	0	0	1	0	ECI 10	17.93	18.40
37901	38099	QPSK	1	0	0	0	1	0	ECI 10	17.71	18.40
38150	37952	QPSK	1	0	0	0	1	0	ECI 10	17.57	18.40

CA_38C_Ant 11 Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction
			RB Size	RB offset	RB Size	RB offset			
37650	38048	QPSK	1	0	0	0	1	0	FULL
37901	38099	QPSK	1	0	0	0	1	0	FULL
38150	37952	QPSK	1	0	0	0	1	0	FULL
37650	38048	QPSK	1	0	0	0	1	0	ECI 3
37901	38099	QPSK	1	0	0	0	1	0	ECI 3
38150	37952	QPSK	1	0	0	0	1	0	ECI 3
37650	38048	QPSK	1	0	0	0	1	0	ECI 5
37901	38099	QPSK	1	0	0	0	1	0	ECI 5
38150	37952	QPSK	1	0	0	0	1	0	ECI 5
37650	38048	QPSK	1	0	0	0	1	0	ECI 8
37901	38099	QPSK	1	0	0	0	1	0	ECI 8
38150	37952	QPSK	1	0	0	0	1	0	ECI 8
37650	38048	QPSK	1	0	0	0	1	0	ECI 10
37901	38099	QPSK	1	0	0	0	1	0	ECI 10
38150	37952	QPSK	1	0	0	0	1	0	ECI 10

CA_38C_Ant 7 Combination 20MHz+20MHz (100RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction
			RB Size	RB offset	RB Size	RB offset			
37650	38048	QPSK	1	0	0	0	1	0	FULL
37901	38099	QPSK	1	0	0	0	1	0	FULL
38150	37952	QPSK	1	0	0	0	1	0	FULL
37650	38048	QPSK	1	0	0	0	1	0	ECI 3
37901	38099	QPSK	1	0	0	0	1	0	ECI 3
38150	37952	QPSK	1	0	0	0	1	0	ECI 3
37650	38048	QPSK	1	0	0	0	1	0	ECI 5
37901	38099	QPSK	1	0	0	0	1	0	ECI 5
38150	37952	QPSK	1	0	0	0	1	0	ECI 5
37650	38048	QPSK	1	0	0	0	1	0	ECI 8
37901	38099	QPSK	1	0	0	0	1	0	ECI 8
38150	37952	QPSK	1	0	0	0	1	0	ECI 8
37650	38048	QPSK	1	0	0	0	1	0	ECI 10
37901	38099	QPSK	1	0	0	0	1	0	ECI 10
38150	37952	QPSK	1	0	0	0	1	0	ECI 10

DL CA Power

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)	
Intra-Band	5B	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	881.2	2522	24.30	24.60	
	38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	2599.80	38048	24.42	24.62	
	2A-26A	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	876.50	8865	23.04	23.15	
	5A-5A	Band 5	10M	829	20450	QPSK	1	0	Band 5	5M	881.5	2525	24.46	24.60	
	7A-26A	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	23.81	24.48	

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)
Intra-Band	2A-2A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 7	20M	2655	3100	23.00	23.15
	2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	22.93	23.15
	2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	1720	66536	22.88	23.15
	2A-7A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	22.97	23.15
	2A-7A-38A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 38	20M	2595	38000	23.08	23.15
	2A-7C	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.00	23.15
	4A-4A-5A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	829	2450	23.98	24.10
	4A-4A-7A	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	1732.5	20175	Band 4	5M	2152.5	2375	23.94	24.48
	4A-5A-7A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	829	2450	Band 7	20M	2655	3100	23.93	24.03
	4A-7C	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.02	24.05
	5A-7A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.37	24.60
	5A-66C	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	2152.5	66861	Band 66	20M	2139.8	66734	24.26	24.60
	7A-7A-66A	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	23.95	24.15
	41A-41A-41A	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2506	39750	Band 41	20M	2680	41490	25.28	25.54
	2C-7A	Band 2	20M	1870.1	18801	QPSK	1	0	Band 2	20M	1969.9	999	Band 7	20M	2655	3100	22.97	23.15
	2C-66A	Band 2	20M	1870.1	18801	QPSK	1	0	Band 2	20M	1969.9	999	Band 66	20M	1720	66536	23.02	23.15

4CC																				
Configure	CA Configuration (BCS)	PCC							SCC1				SCC2				SCC3			
		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	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel
Inter-Band	2A-2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525
	5A-7A-66A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	2630	2850	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311
	5A-7C-66A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	Band 66	20M	2190	67236
	41A-41A-41C	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	2569.3	40383	Band 41	20M	2660.2	41292	Band 41	20M	2680	41490
	41A-41D	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	2569.3	40383	Band 41	20M	2589.1	40581	Band 41	20M	2608.9	40779
	7C-66A-66A	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2190	67236	Band 7	20M	2645.1	3001	Band 7	20M	2664.9	3199
	41C-41C	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2569.3	40383	Band 41	20M	2589.1	40581	Band 41	20M	2608.9	40779
	41E	Band 41	20M	2549.5	40185	QPSK	1	49	Band 41	20M	2569.3	40383	Band 41	20M	2589.1	40581	Band 41	20M	2608.9	40779