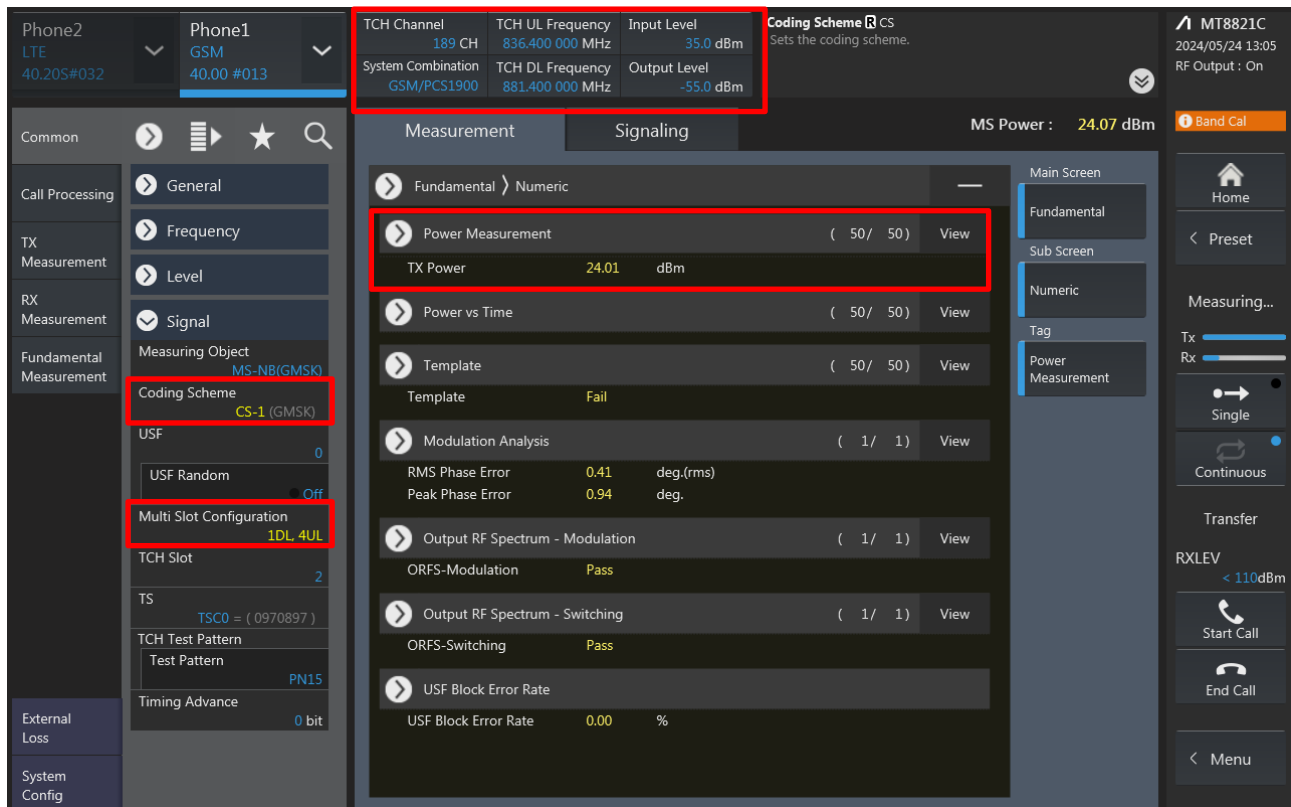


Power measurement connection diagram:

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.

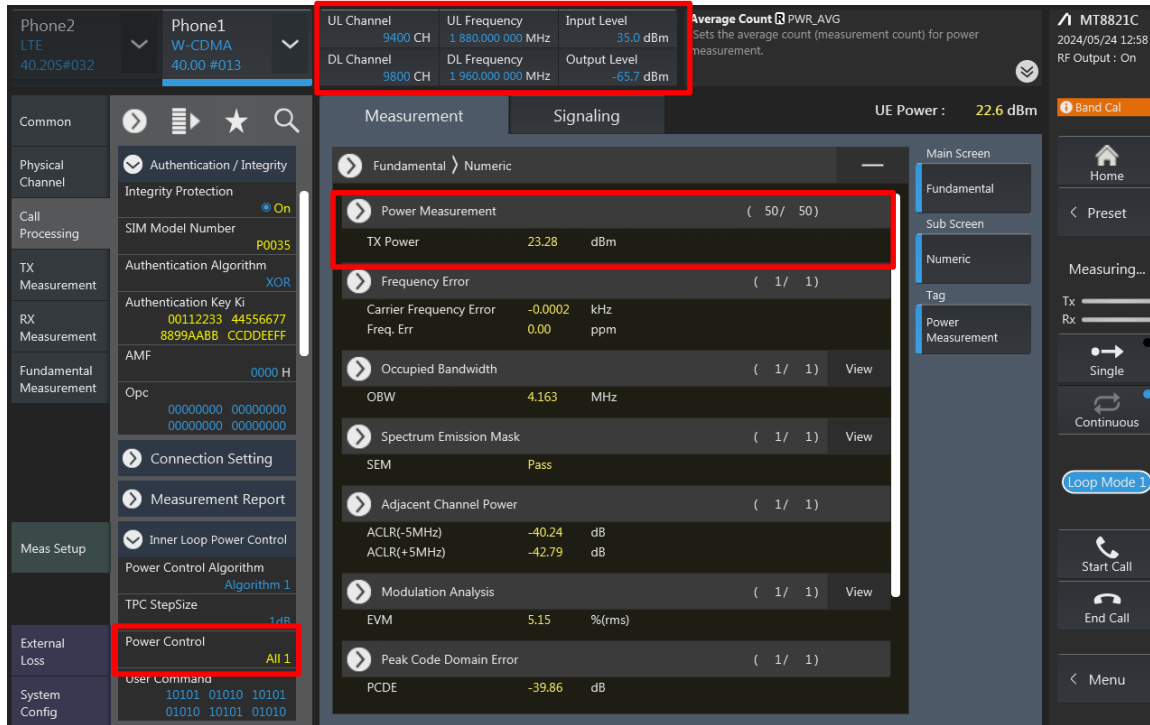
<GSM>



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 Coding Scheme is CS. The TCH DL Frequency is 881.400 000 MHz, and Output Level is -55.0 dBm.
- 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 timestamp 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.

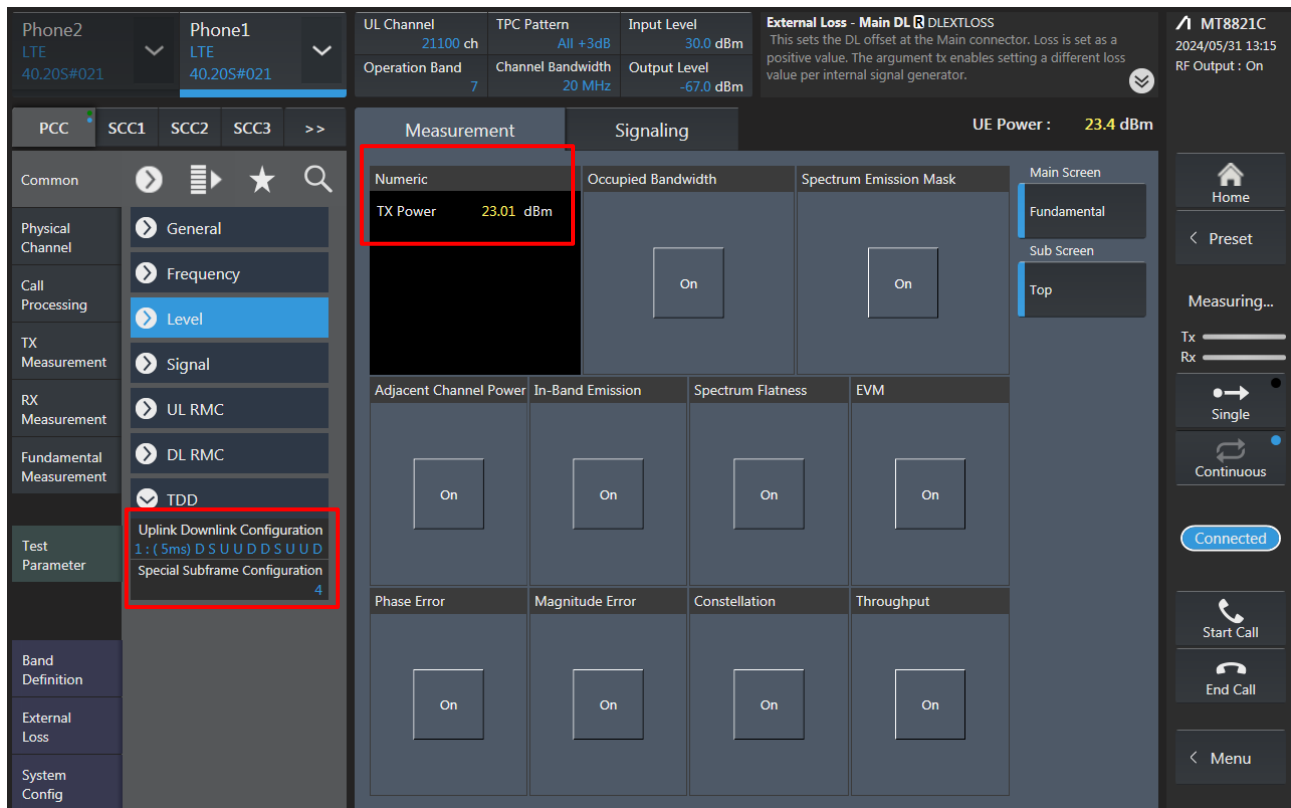
<WCDMA>



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 a list of metrics. A red box highlights the 'Power Measurement' section, which includes 'TX Power' at 23.28 dBm. Another red box highlights the 'Power Control' section in the 'Meas Setup' tab, showing 'Power Control' set to 'All 1'. The 'UE Power' is 22.6 dBm. The 'Main Screen' on the right shows 'Fundamental' and 'Sub Screen' options.

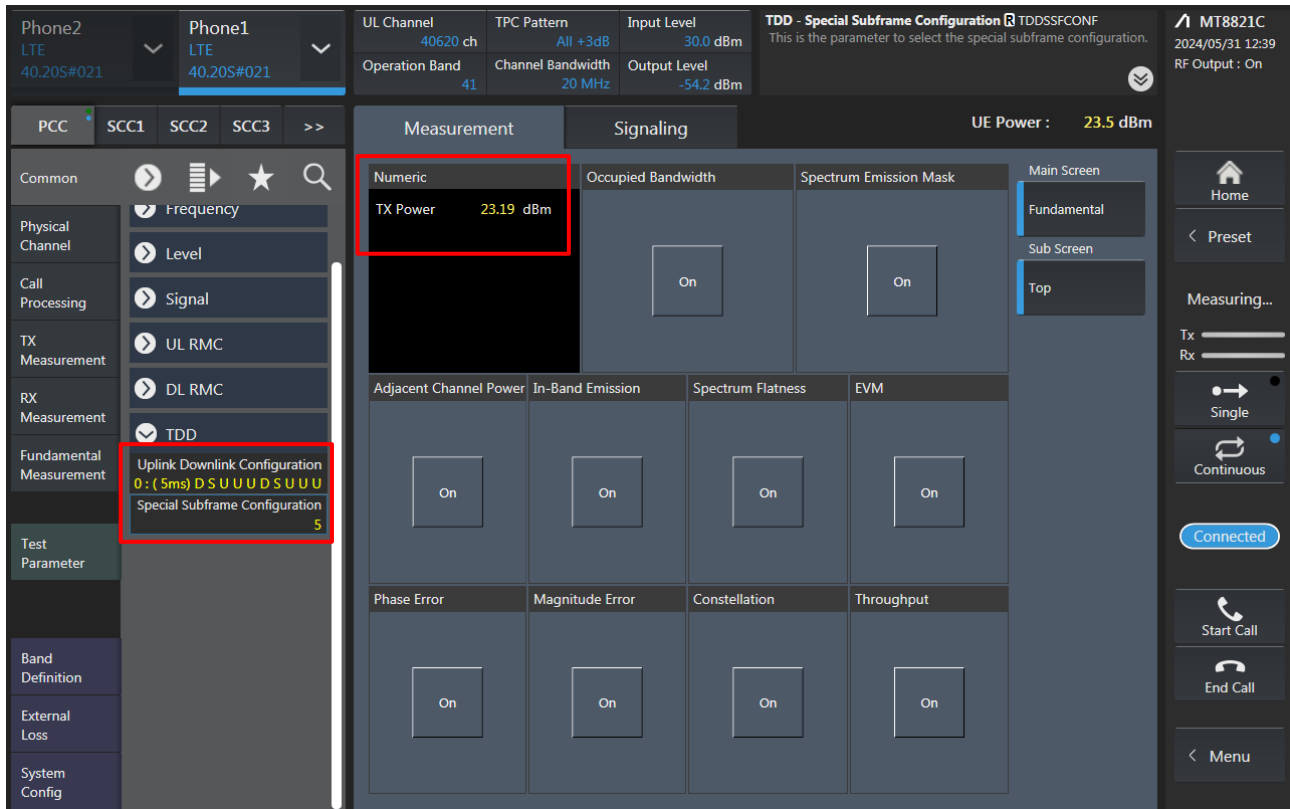
Measurement	Value	Unit
TX Power	23.28	dBm
Carrier Frequency Error	-0.0002	kHz
Freq. Err	0.00	ppm
Occupied Bandwidth	4.163	MHz
Spectrum Emission Mask	Pass	
Adjacent Channel Power	-40.24	dB
ACLR(-5MHz)	-42.79	dB
Modulation Analysis	5.15	%(rms)
Peak Code Domain Error	-39.86	dB

<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 a list of metrics. A red box highlights the 'Power Measurement' section, which includes 'TX Power' at 23.01 dBm. Another red box highlights the 'Uplink Downlink Configuration' section in the 'Test Parameter' tab, showing 'Uplink Downlink Configuration 1: (5ms) D S U U D D S U U D' and 'Special Subframe Configuration 4'. The 'UE Power' is 23.4 dBm. The 'Main Screen' on the right shows 'Fundamental' and 'Sub Screen' options.

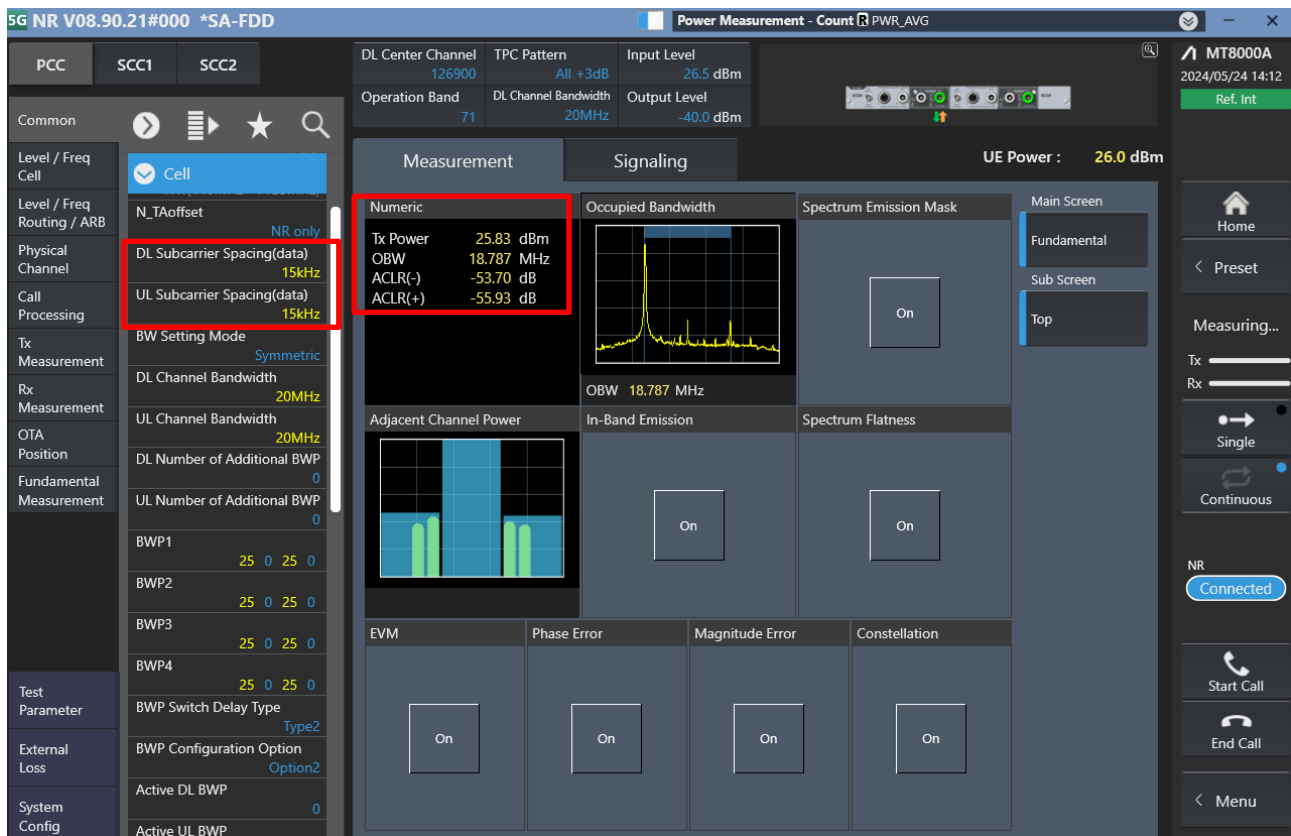
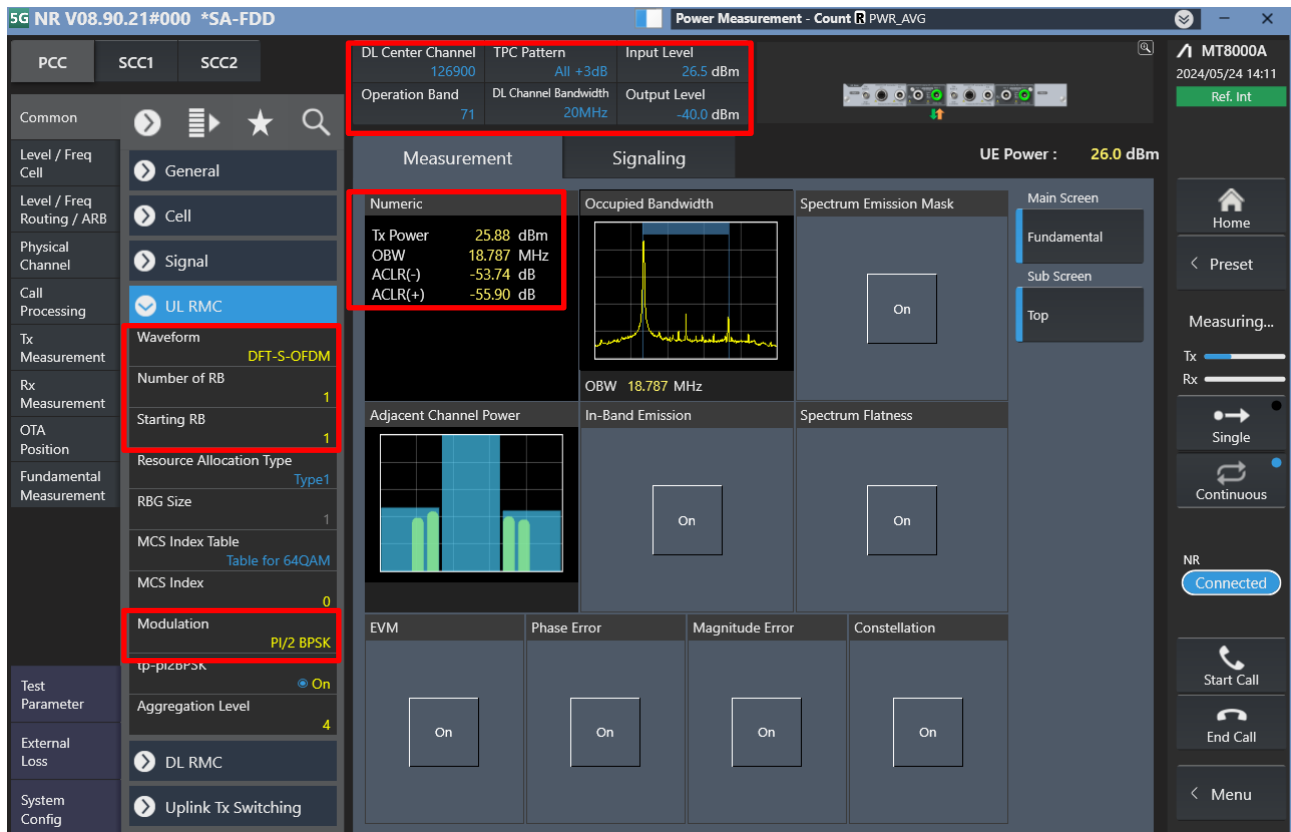
Measurement	Value	Unit
TX Power	23.01	dBm
Occupied Bandwidth	On	
Spectrum Emission Mask	On	
Adjacent Channel Power	On	
In-Band Emission	On	
Spectrum Flatness	On	
EVM	On	
Phase Error	On	
Magnitude Error	On	
Constellation	On	
Throughput	On	

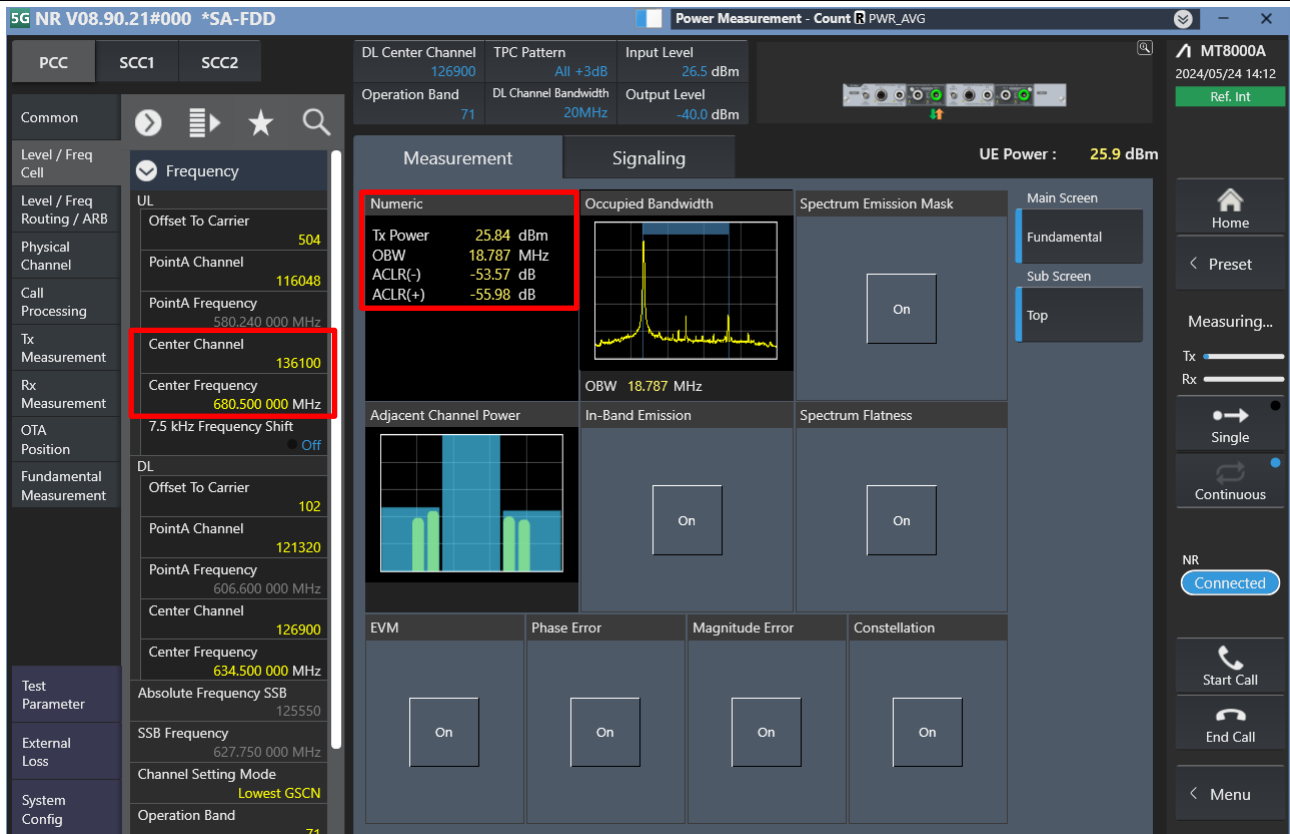
<LTE TDD Power class 3>

The screenshot displays the SPORTON LAB. LTE TDD Power class 3 configuration interface. The interface is divided into several sections:

- Top Bar:** Shows Phone2 (LTE, 40.20S#021) and Phone1 (LTE, 40.20S#021). It also displays UL Channel (40620 ch), TPC Pattern (All +3dB), Input Level (30.0 dBm), and TDD - Special Subframe Configuration (TDDSSFCNF). The UE Power is 23.5 dBm.
- Left Sidebar:** Contains various configuration options: PCC, SCC1, SCC2, SCC3, >>, Common, Physical Channel, Call Processing, TX Measurement, RX Measurement, Fundamental Measurement, Test Parameter, Band Definition, External Loss, and System Config.
- Measurement Section:** A red box highlights the 'TX Power' value of 23.19 dBm. Other measurement options include Occupied Bandwidth, Spectrum Emission Mask, Adjacent Channel Power, In-Band Emission, Spectrum Flatness, EVM, Phase Error, Magnitude Error, Constellation, and Throughput.
- Fundamental Measurement Section:** A red box highlights the 'TDD' option. The configuration shows Uplink Downlink Configuration 0: (5ms) D S U U U D S U U U and Special Subframe Configuration 5.
- Right Sidebar:** Contains a 'Main Screen' section with 'Fundamental' and 'Sub Screen' options. It also includes a 'Connected' status indicator and buttons for 'Start Call' and 'End Call'.

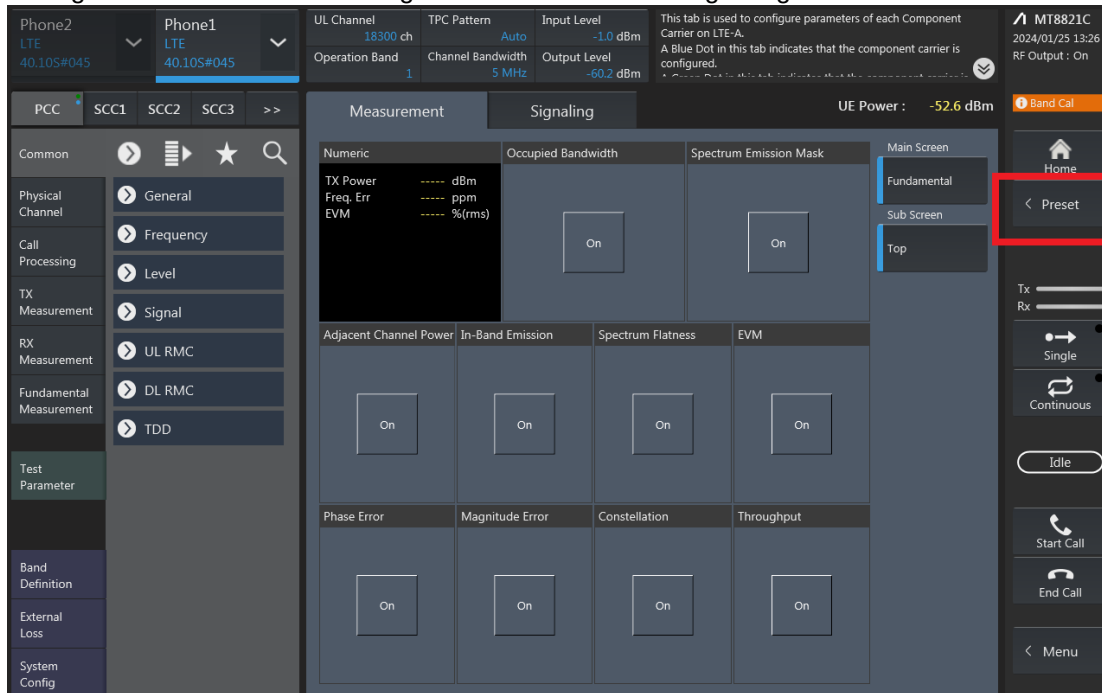
<5G NR FR1>





LTE Uplink and Downlink Carrier Aggregation configurations:

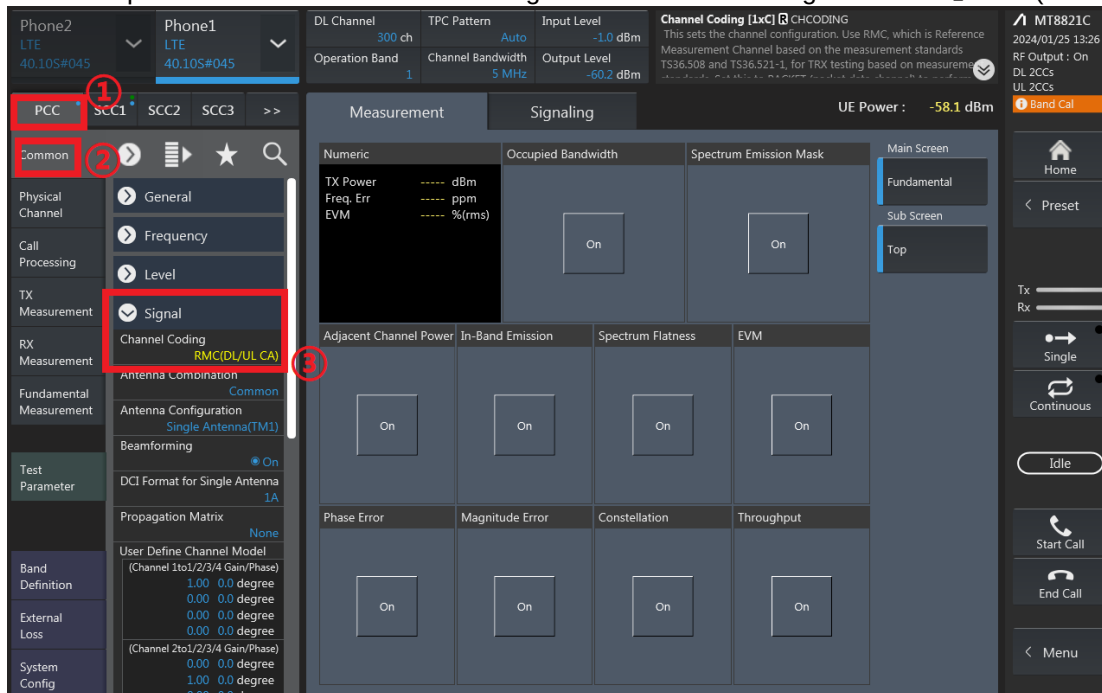
1. Change the Scenario in the Configuration of Phone1 LTE Signaling and Preset.



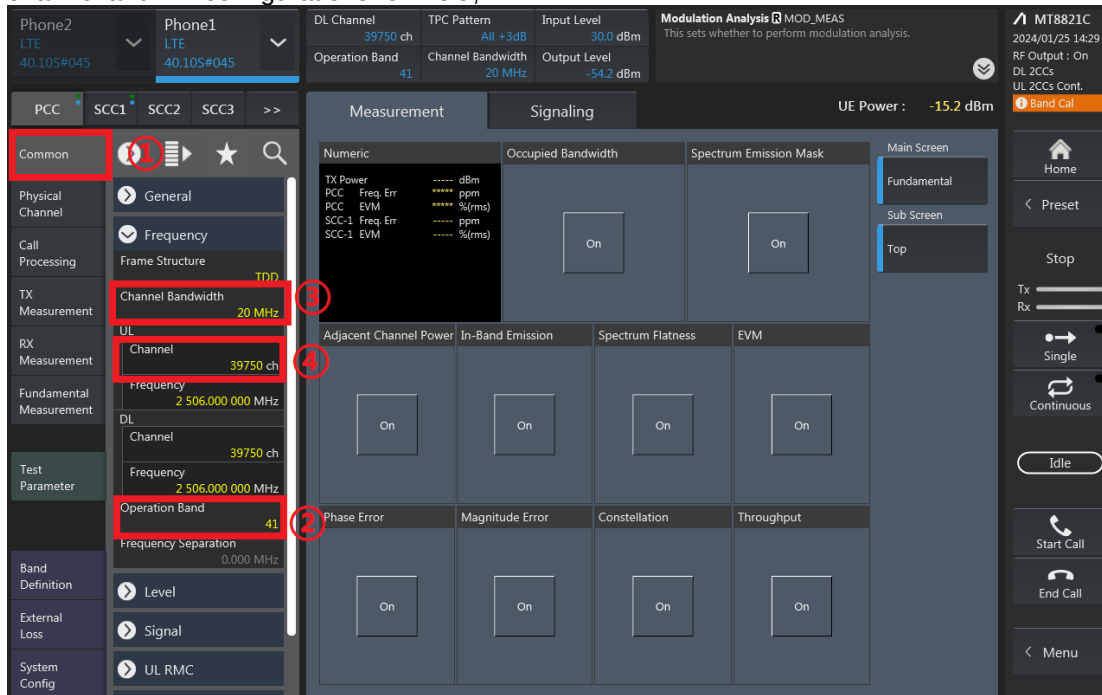
2. If Select "RMC (DL/UL CA)" for Uplink Carrier Aggregation; If Select "RMC (DL CA)" for Downlink Carrier Aggregation.

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;



Phone2 LTE 40.10S#045 Phone1 LTE 40.10S#045

DL Channel 39750 ch TPC Pattern All +3dB Input Level 30.0 dBm Modulation Analysis MOD_MEAS This sets whether to perform modulation analysis.

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

MT8821C 2024/01/25 14:29 RF Output : On DL 2CCs UL 2CCs Cont.

UE Power : -15.2 dBm

Measurement Signaling

Common

Physical Channel General

Call Processing Frequency

TX Measurement Channel Bandwidth 20 MHz

RX Measurement Channel 39750 ch

Fundamental Measurement Frequency 2 506.000 000 MHz

Test Parameter Channel 39750 ch Frequency 2 506.000 000 MHz Operation Band 41 Frequency Separation 0.000 MHz

Band Definition Level

External Loss Signal

System Config UL RMC

Numeric

TX Power PCC Freq. Err. dBm PCC EVM ppm SCC-1 Freq. Err. ppm SCC-1 EVM ppm

Occupied Bandwidth

Spectrum Emission Mask

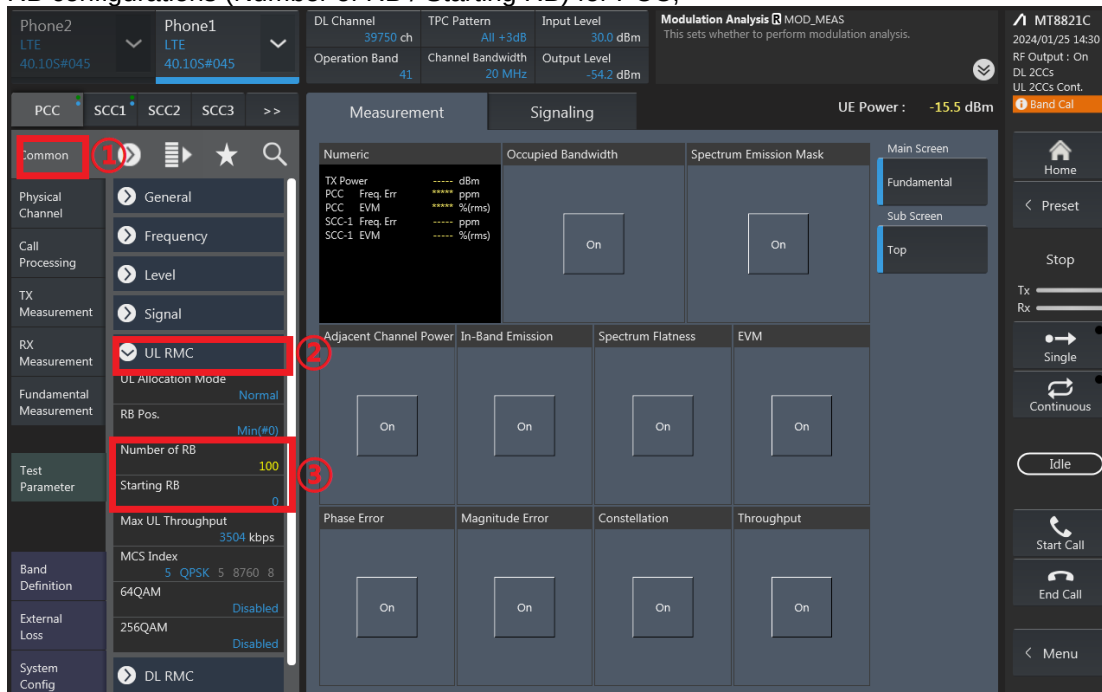
Main Screen Fundamental Sub Screen Top

Home Preset Stop Tx Rx Single Continuous Idle Start Call End Call Menu

Adjacent Channel Power In-Band Emission Spectrum Flatness EVM

Phase Error Magnitude Error Constellation Throughput

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



Phone2 LTE 40.10S#045 Phone1 LTE 40.10S#045

DL Channel 39750 ch TPC Pattern All +3dB Input Level 30.0 dBm Modulation Analysis MOD_MEAS This sets whether to perform modulation analysis.

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

MT8821C 2024/01/25 14:30 RF Output : On DL 2CCs UL 2CCs Cont.

UE Power : -15.5 dBm

Measurement Signaling

Common

Physical Channel General

Call Processing Frequency

TX Measurement Level

RX Measurement Signal

Fundamental Measurement UL RMC

Test Parameter UL Allocation Mode Normal RB Pos. Min(#0) Number of RB 100 Starting RB 0 Max UL Throughput 3504 kbps MCS Index 5 QPSK 5 8760 8 64QAM 256QAM Disabled Disabled

Band Definition DL RMC

Numeric

TX Power PCC Freq. Err. dBm PCC EVM ppm SCC-1 Freq. Err. ppm SCC-1 EVM ppm

Occupied Bandwidth

Spectrum Emission Mask

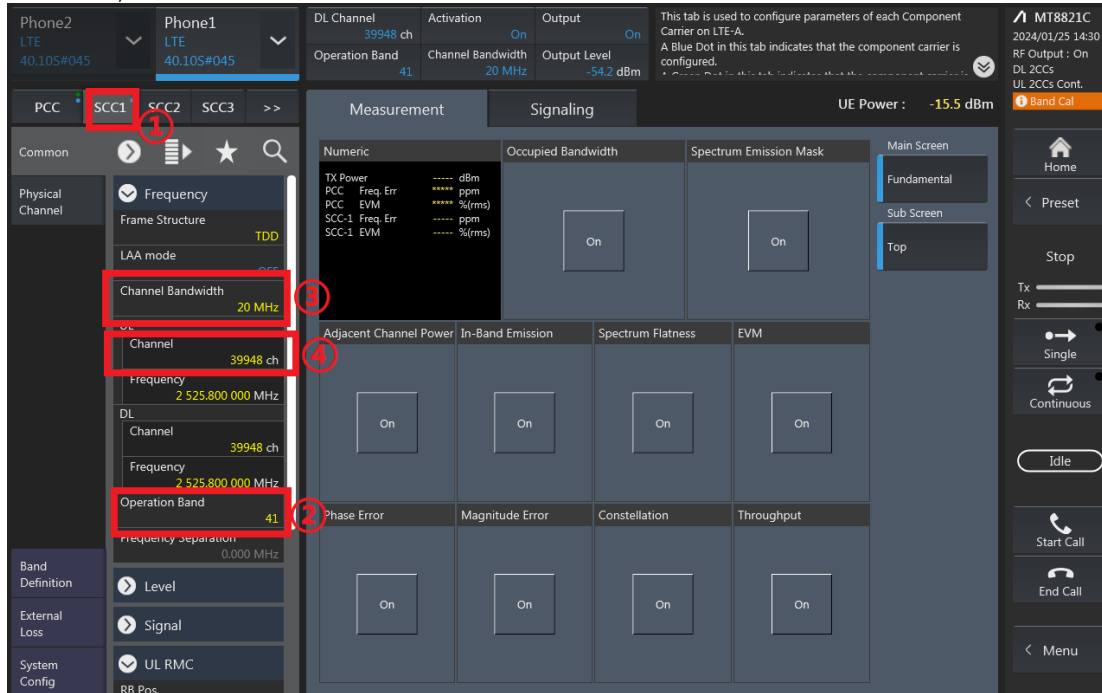
Main Screen Fundamental Sub Screen Top

Home Preset Stop Tx Rx Single Continuous Idle Start Call End Call Menu

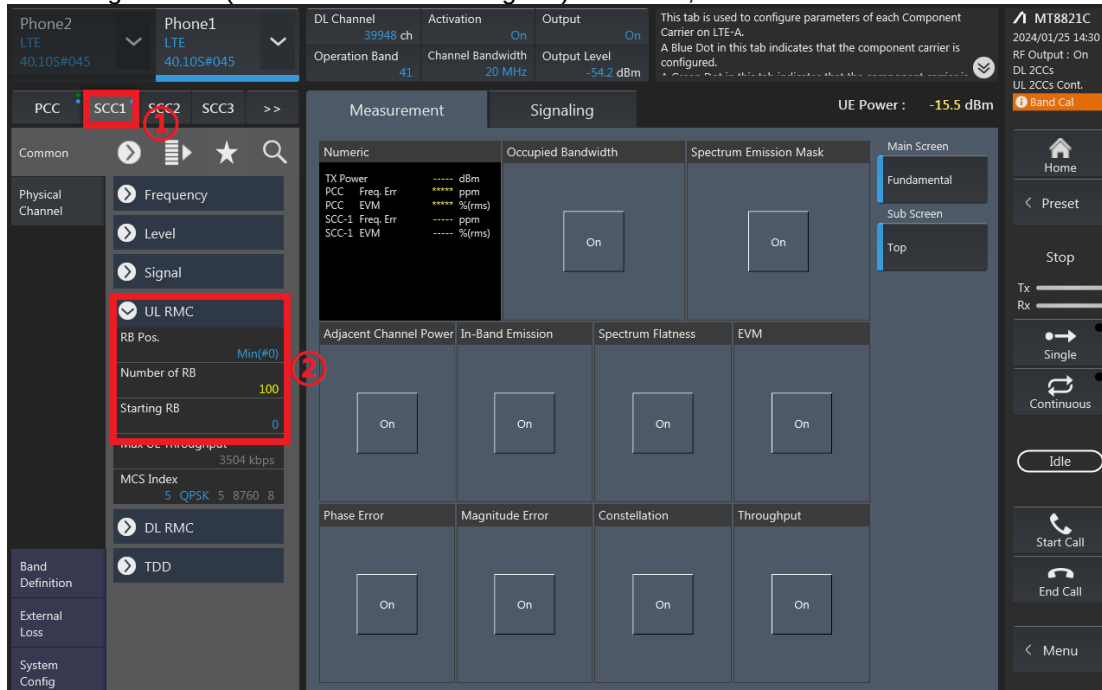
Adjacent Channel Power In-Band Emission Spectrum Flatness EVM

Phase Error Magnitude Error Constellation Throughput

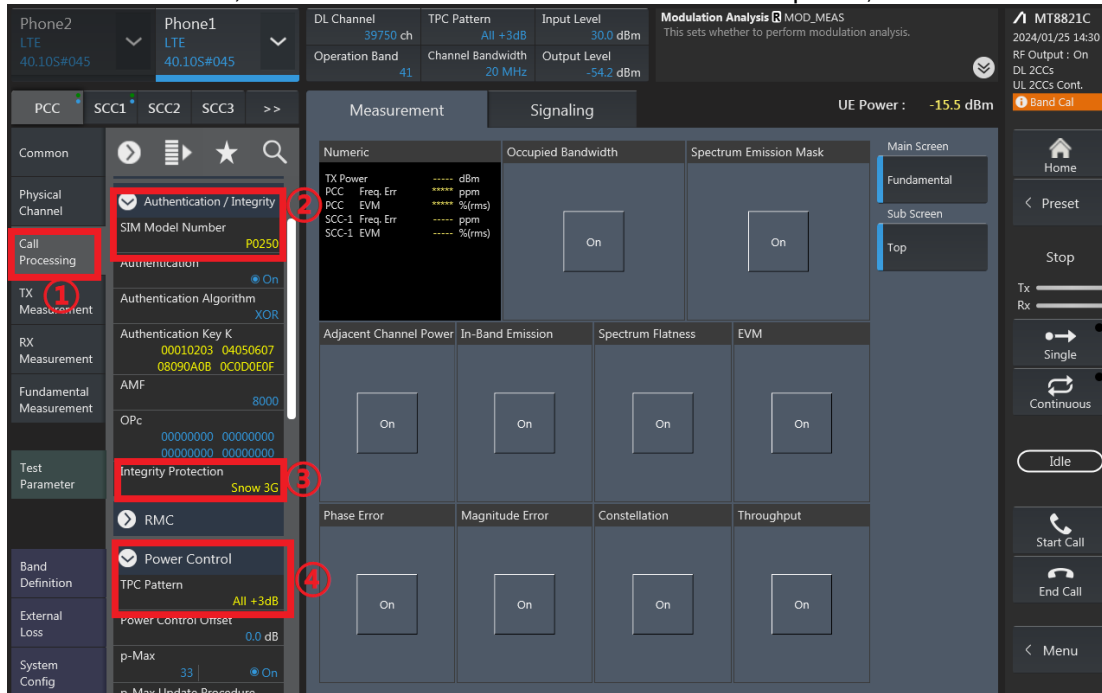
4. SCC parameter Settings: Select the SCC1 tab, Set operating band, BW, channel, and RB configurations for SCC1;



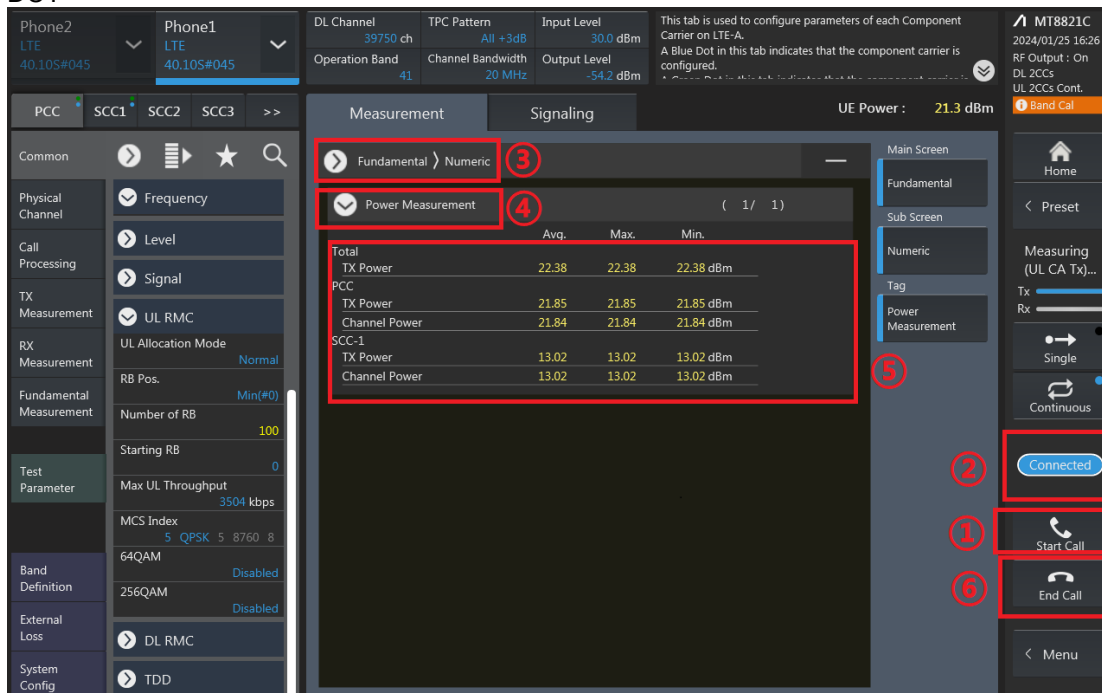
RB configurations (Number of RB / Starting RB) for SCC1;



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.

Uplink CA_Full & Default Power

CA_7C Ant 1								
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	23.24	24.50
21100	21298	QPSK	1	99	1	0	23.29	24.50
21350	21152	QPSK	1	0	1	99	23.28	24.50

CA_38C Ant 1								
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	23.38	24.50
37901	38099	QPSK	1	99	1	0	23.39	24.50
38150	37952	QPSK	1	0	1	99	23.36	24.50

CA_7C Ant 4								
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	22.79	24.50
21100	21298	QPSK	1	99	1	0	22.93	24.50
21350	21152	QPSK	1	0	1	99	22.85	24.50

CA_38C Ant 4								
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	22.92	24.50
37901	38099	QPSK	1	99	1	0	22.99	24.50
38150	37952	QPSK	1	0	1	99	22.97	24.50

Uplink CA_DSI1 Power

CA_7C Ant 1								
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	23.24	24.50
21100	21298	QPSK	1	99	1	0	23.29	24.50
21350	21152	QPSK	1	0	1	99	23.28	24.50

CA_38C Ant 1								
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	23.38	24.50
37901	38099	QPSK	1	99	1	0	23.39	24.50
38150	37952	QPSK	1	0	1	99	23.36	24.50

CA_7C Ant 4								
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	16.75	18.50
21100	21298	QPSK	1	99	1	0	16.86	18.50
21350	21152	QPSK	1	0	1	99	16.77	18.50

CA_38C Ant 4								
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	19.02	20.50
37901	38099	QPSK	1	99	1	0	19.08	20.50
38150	37952	QPSK	1	0	1	99	18.99	20.50

Uplink CA_DSI2 Power

CA_7C Ant 1								
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	23.24	24.50
21100	21298	QPSK	1	99	1	0	23.29	24.50
21350	21152	QPSK	1	0	1	99	23.28	24.50

CA_38C Ant 1								
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	23.38	24.50
37901	38099	QPSK	1	99	1	0	23.39	24.50
38150	37952	QPSK	1	0	1	99	23.36	24.50

CA_7C Ant 4								
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	22.79	24.50
21100	21298	QPSK	1	99	1	0	22.93	24.50
21350	21152	QPSK	1	0	1	99	22.85	24.50

CA_38C Ant 4								
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	22.92	24.50
37901	38099	QPSK	1	99	1	0	22.99	24.50
38150	37952	QPSK	1	0	1	99	22.97	24.50

Uplink CA_DSI3 Power

CA_7C Ant 1								
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	18.71	20.00
21100	21298	QPSK	1	99	1	0	18.86	20.00
21350	21152	QPSK	1	0	1	99	18.67	20.00

CA_38C Ant 1								
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	19.36	20.50
37901	38099	QPSK	1	99	1	0	19.41	20.50
38150	37952	QPSK	1	0	1	99	19.39	20.50

CA_7C Ant 4								
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	22.79	24.50
21100	21298	QPSK	1	99	1	0	22.93	24.50
21350	21152	QPSK	1	0	1	99	22.85	24.50

CA_38C Ant 4								
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	22.92	24.50
37901	38099	QPSK	1	99	1	0	22.99	24.50
38150	37952	QPSK	1	0	1	99	22.97	24.50

Uplink CA_DSI4 Power

CA_7C Ant 1								
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	18.71	20.00
21100	21298	QPSK	1	99	1	0	18.86	20.00
21350	21152	QPSK	1	0	1	99	18.67	20.00

CA_38C Ant 1								
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	19.36	20.50
37901	38099	QPSK	1	99	1	0	19.41	20.50
38150	37952	QPSK	1	0	1	99	19.39	20.50

CA_7C Ant 4								
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	16.75	18.50
21100	21298	QPSK	1	99	1	0	16.86	18.50
21350	21152	QPSK	1	0	1	99	16.77	18.50

CA_38C Ant 4								
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	19.02	20.50
37901	38099	QPSK	1	99	1	0	19.08	20.50
38150	37952	QPSK	1	0	1	99	18.99	20.50

Downlink CA Power

2CA DL

CA List	PCC										SCC				Power		
	LTE	BW	BW	UL	UL	Mod.	UL#	UL	DL Antenna Configuration	RB	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA
	Band	Ant	(MHz)	(MHz)	Channel		RB	Offset			Band	(MHz)	Freq. (MHz)	Channel		Tx Power (dBm)	Tx Power (dBm)
CA_2A-2A	Band 2	1	20M	1880	1890	QPSK	1	0			Band 2	5M	1987.5	1175		22.91	22.38
CA_2A-26A	Band 2	2	20M	1880	1890	QPSK	1	0			Band 26	19M	831.5	26965		22.93	23.05
CA_2A-38A	Band 26	1	19M	831.5	26965	QPSK	1	0			Band 2	20M	1960	900		24.30	24.41
	Band 2	1	20M	2595	38000	QPSK	1	0	4x4MMIMO		Band 38	20M	2595	38000	4x4MMIMO	22.91	22.98
CA_2C	Band 38	3	20M	2595	38000	QPSK	1	0	4x4MMIMO		Band 2	20M	1960	900		23.44	23.52
	Band 2	2	20M	1880	1890	QPSK	1	0			Band 2	20M	1979.8	1098		22.93	23.05
CA_4A-17A	Band 4	1	10M	1732.5	20175	QPSK	1	0	4x4MMIMO		Band 17	10M	740	5790		23.66	23.81
	Band 17	4	10M	710	23790	QPSK	1	0			Band 4	10M	2132.5	2175	4x4MMIMO	24.32	24.48
CA_26A-38A	Band 26	1	19M	831.5	26965	QPSK	1	0			Band 38	20M	2595	38000	4x4MMIMO	24.30	24.41
CA_7A-26A	Band 7	1	20M	2535	21100	QPSK	1	0	4x4MMIMO		Band 26	19M	876.5	8865		23.37	23.47
	Band 26	4	19M	831.5	26965	QPSK	1	0			Band 7	20M	2655	3100	4x4MMIMO	24.39	24.55
CA_26A-41A	Band 26	1	19M	831.5	26965	QPSK	1	0			Band 41	20M	2593	40620	4x4MMIMO	24.30	24.41
CA_38A-41A	Band 38	1	20M	2595	38000	QPSK	1	0	4x4MMIMO		Band 41	20M	2593	40620	4x4MMIMO	23.42	23.51
	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MMIMO		Band 38	20M	2595	38000	4x4MMIMO	23.45	23.60
CA_38C	Band 38	1	20M	2595	38000	QPSK	1	0	4x4MMIMO		Band 38	20M	2599.8	38048	4x4MMIMO	23.42	23.51
CA_41C	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MMIMO		Band 41	20M	2612.8	40818	4x4MMIMO	23.45	23.60
CA_66B	Band 66	1	15M	1745	132322	QPSK	1	0			Band 66	5M	2164.3	66979		23.68	23.82
CA_66C	Band 66	1	20M	1745	132322	QPSK	1	0			Band 66	20M	2164.8	66984		23.78	23.94

3CA DL

3CA List	POC									SOC1				SOC2				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	Act	(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	2	20M	1880	18900	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 5	10M	881.5	2525		22.96	23.05	
	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1960	900		23.74	23.86	
	Band 5	4	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900		Band 4	20M	2132.5	2175	4x4MIMO	24.37	24.53	
CA_2-4A-7A	Band 2	2	20M	1880	18900	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		22.96	23.05
	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900		23.74	23.86	
	Band 7	3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		Band 4	20M	2132.5	2175	4x4MIMO	23.65	23.75	
CA_2A-5A-7A	Band 2	2	20M	1880	18900	QPSK	1	0		Band 5	10M	881.5	2525		Band 7	20M	2655	3100	4x4MIMO		22.96	23.05
	Band 5	1	10M	836.5	20525	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900		24.18	24.34	
	Band 7	3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		Band 5	10M	881.5	2525		23.65	23.75	
CA_2A-7A-7A	Band 2	2	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO		22.96	23.05
	Band 7	3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	Band 2	20M	1960	900		23.65	23.75	
	Band 2	2	20M	1880	18900	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		22.96	23.05
CA_2A-7A-66A	Band 7	3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		Band 66	20M	2155	66886	4x4MIMO		23.65	23.75
	Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 2	20M	1960	900		23.67	23.94	
	Band 2	2	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		22.96	23.05
CA_2A-7C	Band 7	3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 2	20M	1960	900		23.65	23.75	
	Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		23.18	23.30
	Band 7	3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO		23.65	23.75
CA_4A-7C	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		23.74	23.86
	Band 7	3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO		23.65	23.75
	Band 5	4	10M	836.5	20525	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO		24.37	24.53
CA_5A-7A-7A	Band 5	4	10M	836.5	20525	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO		24.37	24.53
	Band 7	3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO		23.65	23.75
	Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 5	10M	881.5	2525		23.67	23.94	
CA_5A-7A-66A	Band 7	3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		24.37	24.53
	Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO		23.65	23.75
	Band 7	3	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO		23.29	23.37
CA_41A-41A-41A	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO		23.53	23.60
	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO		23.53	23.60
	Band 2	2	20M	1880	18900	QPSK	1	0		Band 2	5M	1987.5	1175		Band 5	10M	881.5	2525		22.88	23.05	
CA_2A-2A-5A	Band 5	1	10M	836.5	20525	QPSK	1	0		Band 2	20M	1880	900		Band 2	5M	1987.5	1175		24.21	24.34	