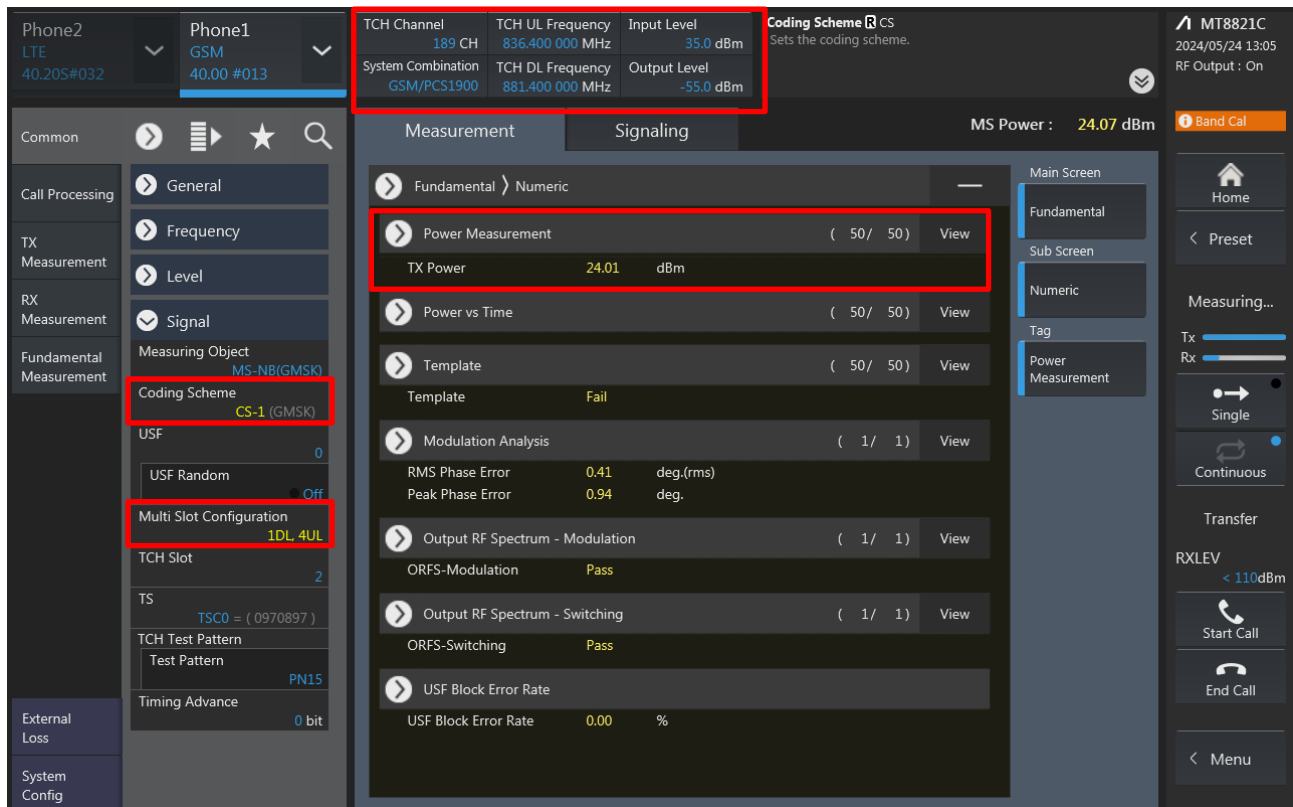


Power measurement connection diagram:

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.

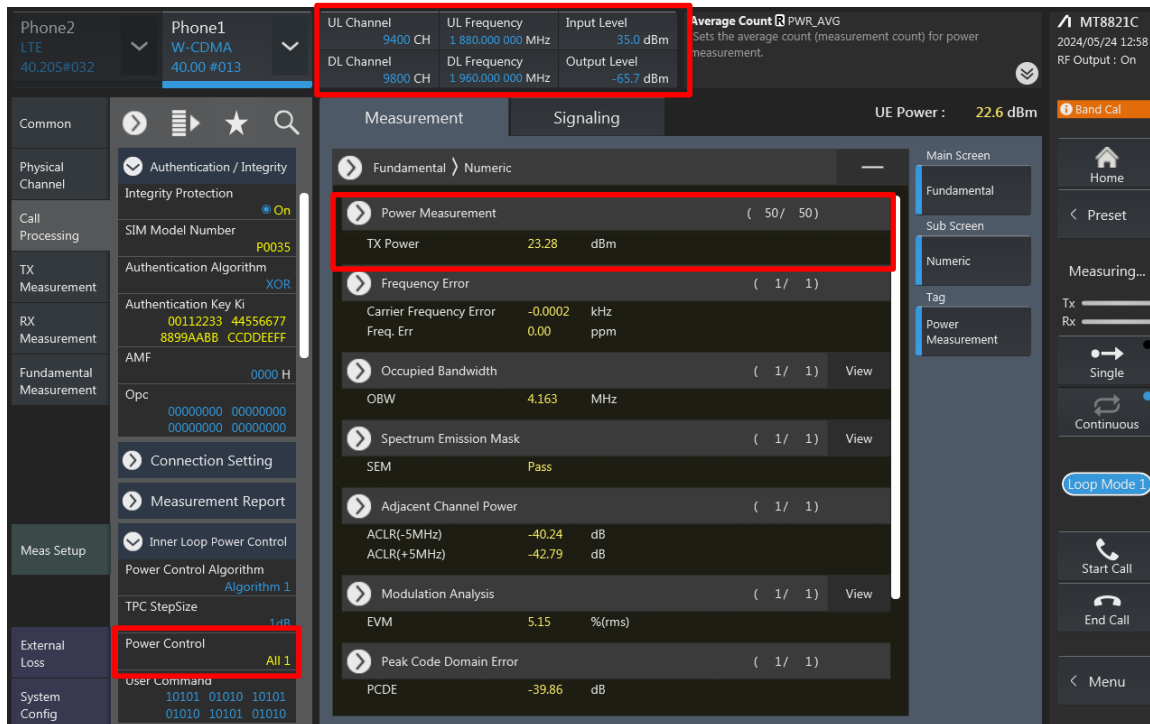
<GSM>



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

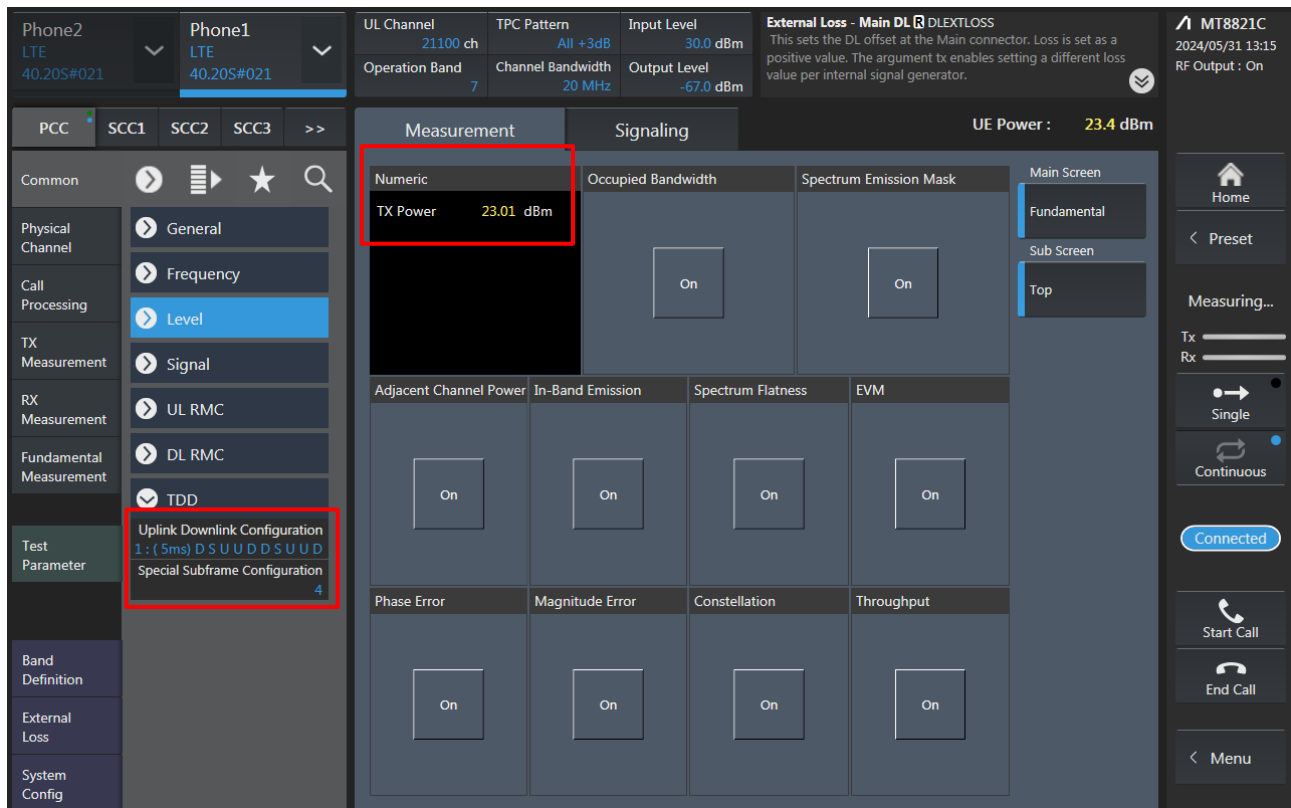
- Top Bar:** Shows Phone2 (LTE, 40.205#032) and Phone1 (GSM, 40.00 #013). The TCH Channel is 189 CH, TCH UL Frequency is 836.400 000 MHz, Input Level is 35.0 dBm, and TCH DL Frequency is 881.400 000 MHz. The Coding Scheme is CS.
- Left Sidebar:** Contains navigation options like Call Processing, TX Measurement, RX Measurement, Fundamental Measurement, and External Loss.
- Main Panel:**
 - Measurement Tab:** Displays various measurement results. The 'Power Measurement' section shows TX Power as 24.01 dBm. Other sections include Power vs Time, Template, Modulation Analysis, Output RF Spectrum - Modulation, Output RF Spectrum - Switching, and USF Block Error Rate.
 - Signaling Tab:** Shows signaling information.
- Right Sidebar:** Includes a 'Main Screen' section with 'Fundamental', 'Sub Screen', 'Numeric', and 'Tag' options. It also features a 'Band Cal' button and a 'Measuring...' section with 'Single' and 'Continuous' modes.

<WCDMA>



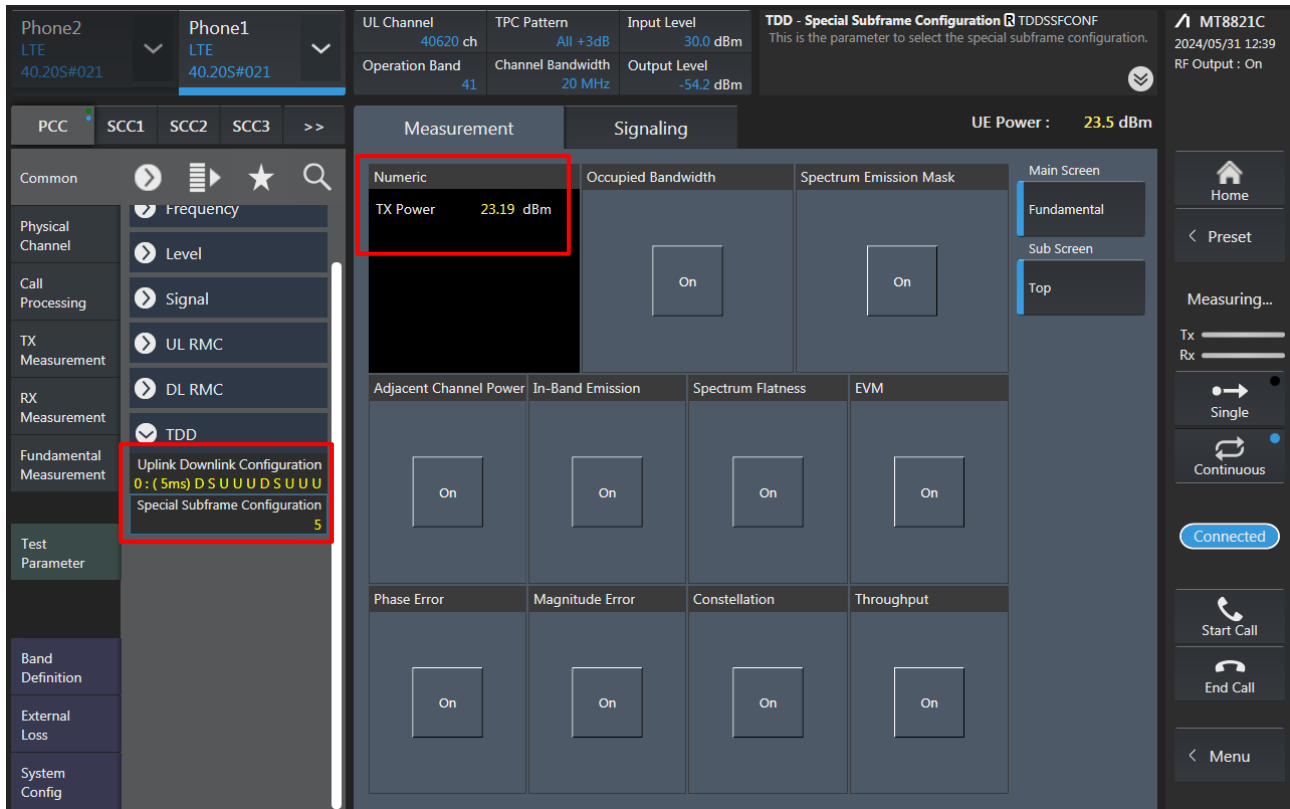
The screenshot shows the WCDMA measurement interface. The top bar displays 'Phone2 LTE 40.20S#032' and 'Phone1 W-CDMA 40.00 #013'. The 'Measurement' tab is active, showing a list of metrics. A red box highlights the 'Power Measurement' section, which includes 'TX Power' at 23.28 dBm. Another red box 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.

<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 grid 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.

<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

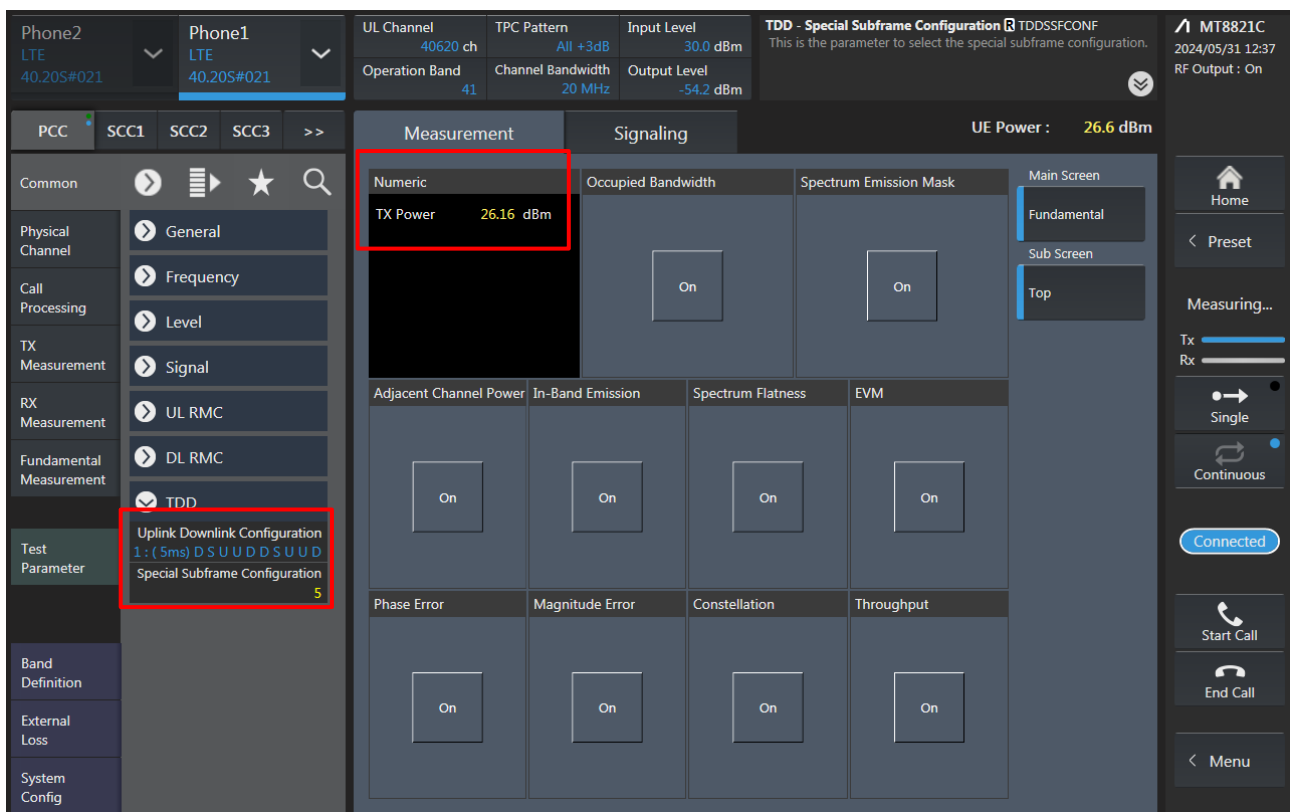
Common Frequency Level Signal UL RMC DL RMC TDD Uplink Downlink Configuration 0 : (5ms) D S U U U D S U U U Special Subframe Configuration 5

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

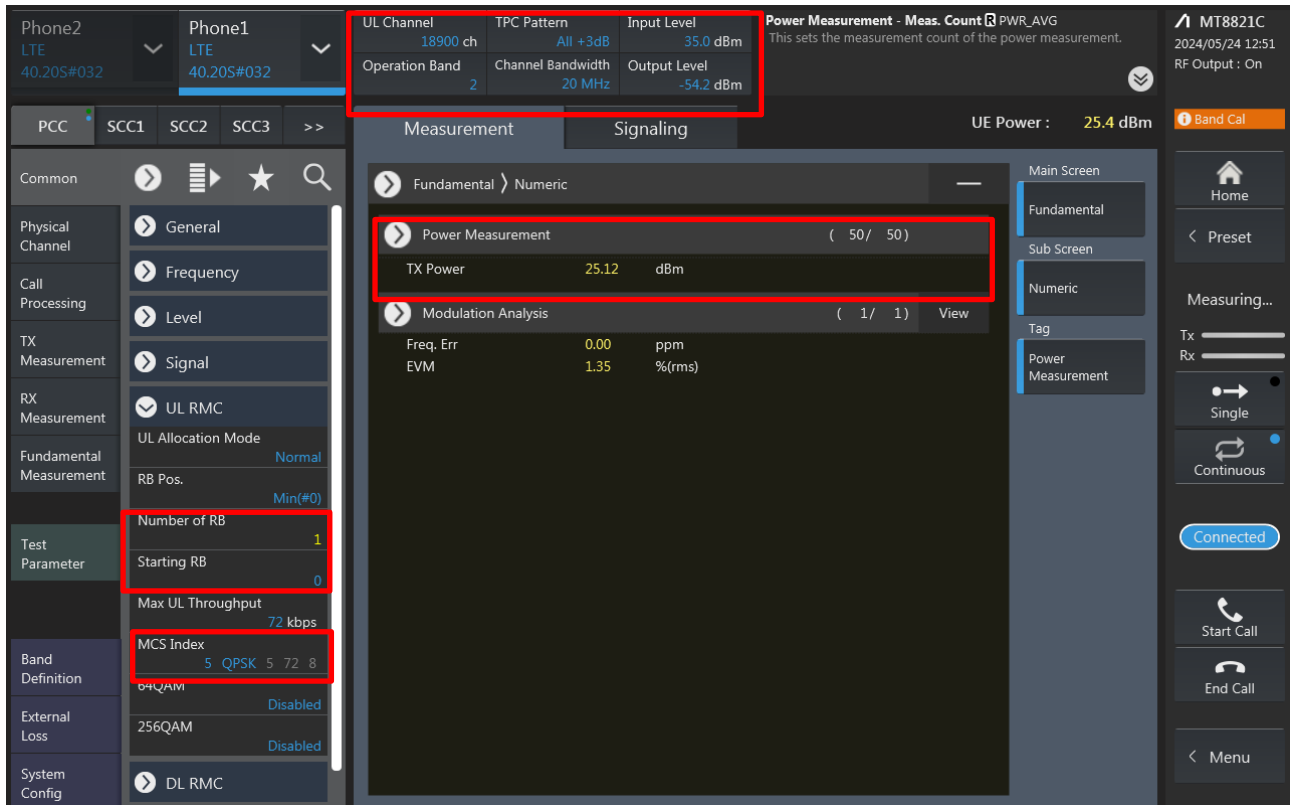
On On On On

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



Phone1 LTE 40.20S#032

Phone2 LTE 40.20S#032

UL Channel 18900 ch
Operation Band 2

TPC Pattern All +3dB
Channel Bandwidth 20 MHz

Input Level 35.0 dBm
Output Level -54.2 dBm

Power Measurement - Meas. Count PWR_AVG
This sets the measurement count of the power measurement.

UE Power : 25.4 dBm

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)

Test Parameter

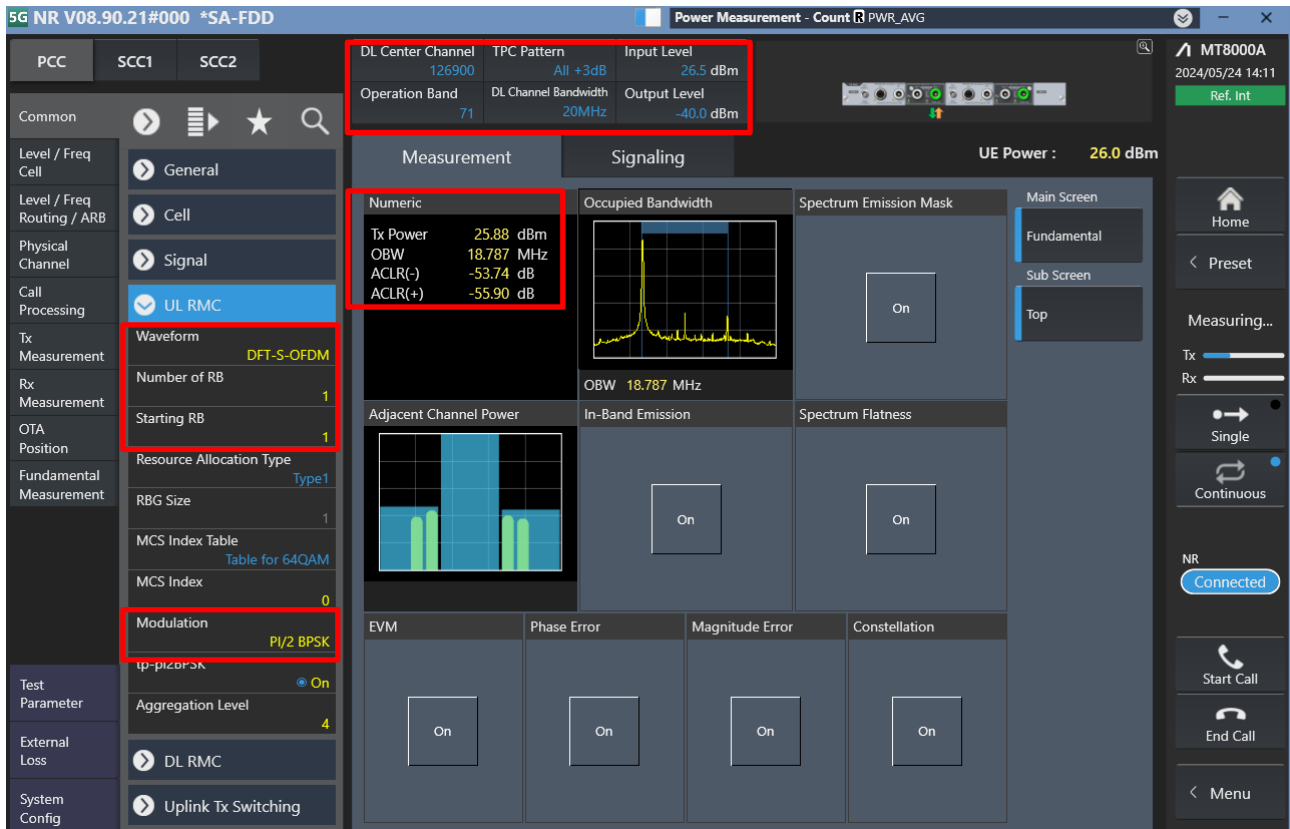
Number of RB 1
Starting RB 0
Max UL Throughput 72 kbps
MCS Index 5 QPSK 5 72 8

Band Definition 64QAM
External Loss 256QAM
System Config DL RMC

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

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

<5G NR FR1>



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

DL Center Channel 126900
Operation Band 71

TPC Pattern All +3dB
DL Channel Bandwidth 20MHz

Input Level 26.5 dBm
Output Level -40.0 dBm

Power Measurement - Count PWR_AVG

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 OBW 18.787 MHz

Spectrum Emission Mask On

Adjacent Channel Power On

In-Band Emission On

Spectrum Flatness On

EVM On

Phase Error On

Magnitude Error On

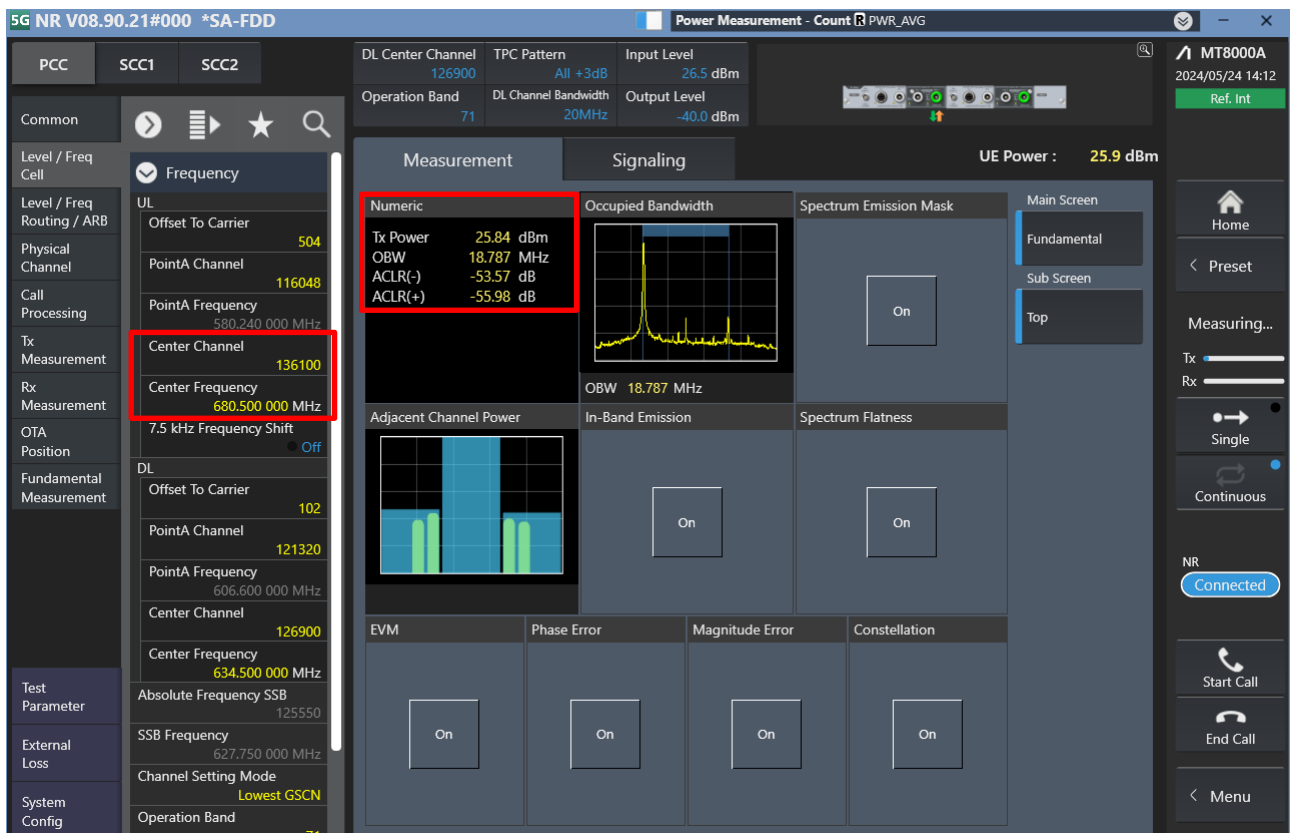
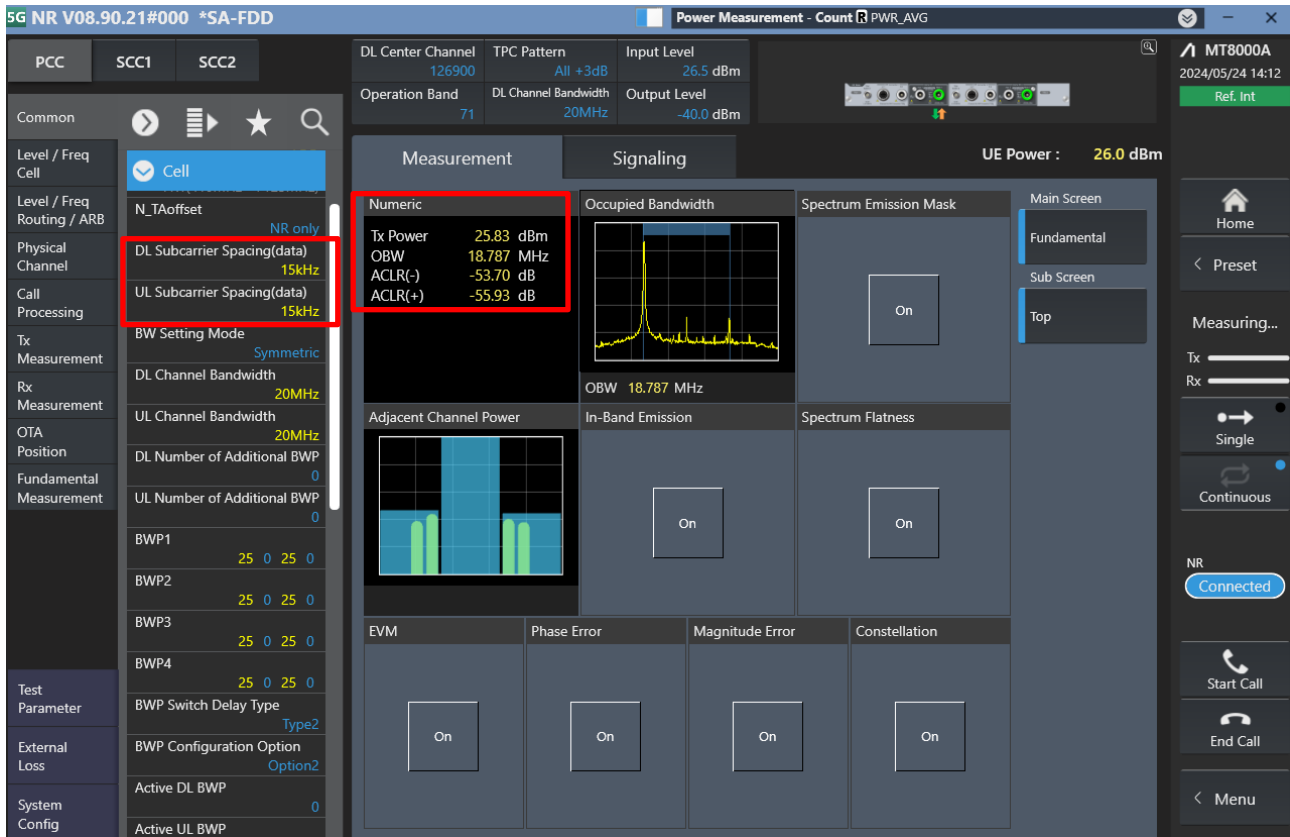
Constellation On

Test Parameter

Waveform DFT-S-OFDM
Number of RB 1
Starting RB 1
Resource Allocation Type Type1
RBG Size 1
MCS Index Table Table for 64QAM
MCS Index 0
Modulation PL/2 BPSK
Aggregation Level 4
DL RMC
Uplink Tx Switching

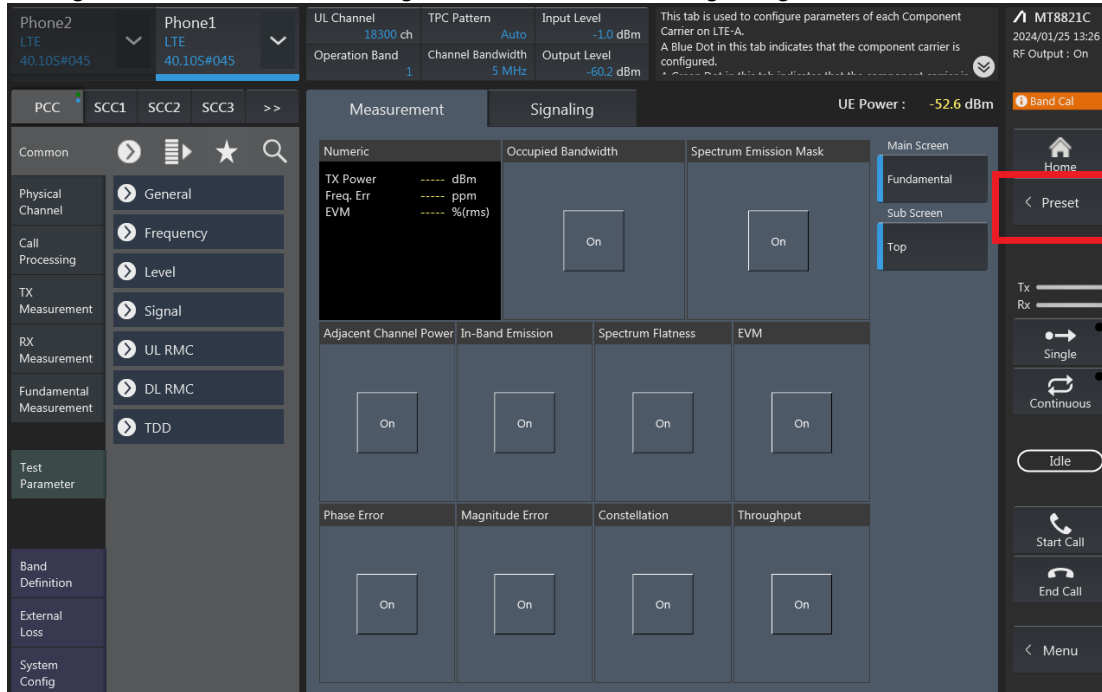
MT8000A 2024/05/24 14:11
Ref. Int

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



LTE Uplink and Downlink Carrier Aggregation configurations:

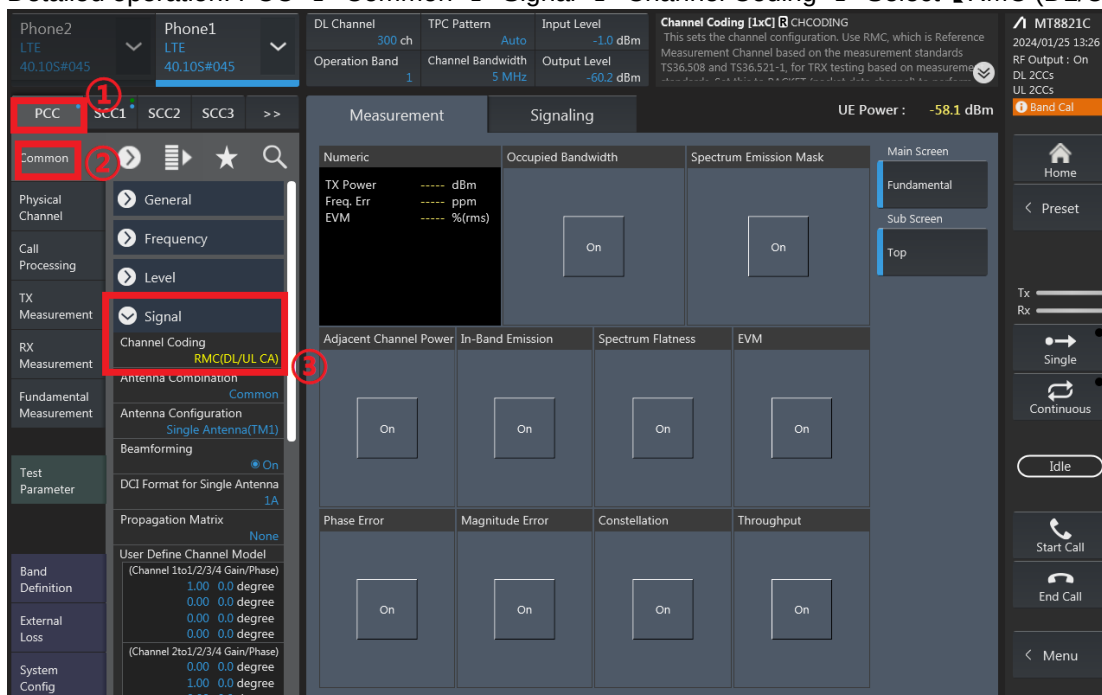
1. Change the Scenario in the Configuration of Phone1 LTE Signaling and Preset.



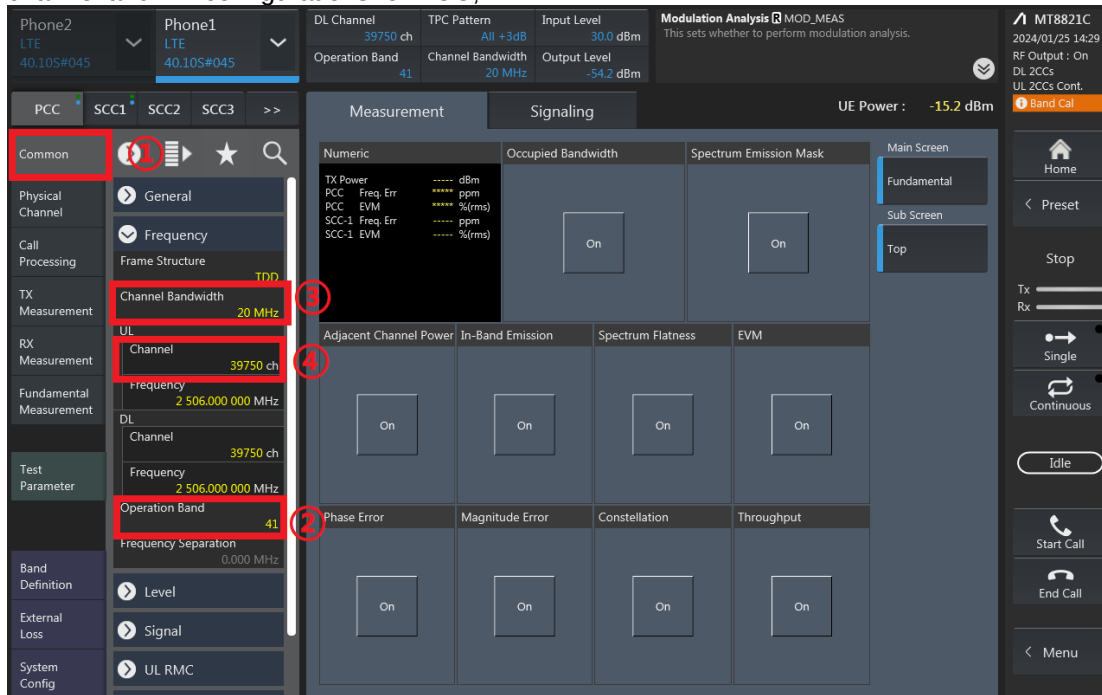
2. If Select "RMC (DL/UL CA)" for Uplink Carrier Aggregation;
If Select "RMC (DL CA)" for Downlink Carrier Aggregation.

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;



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

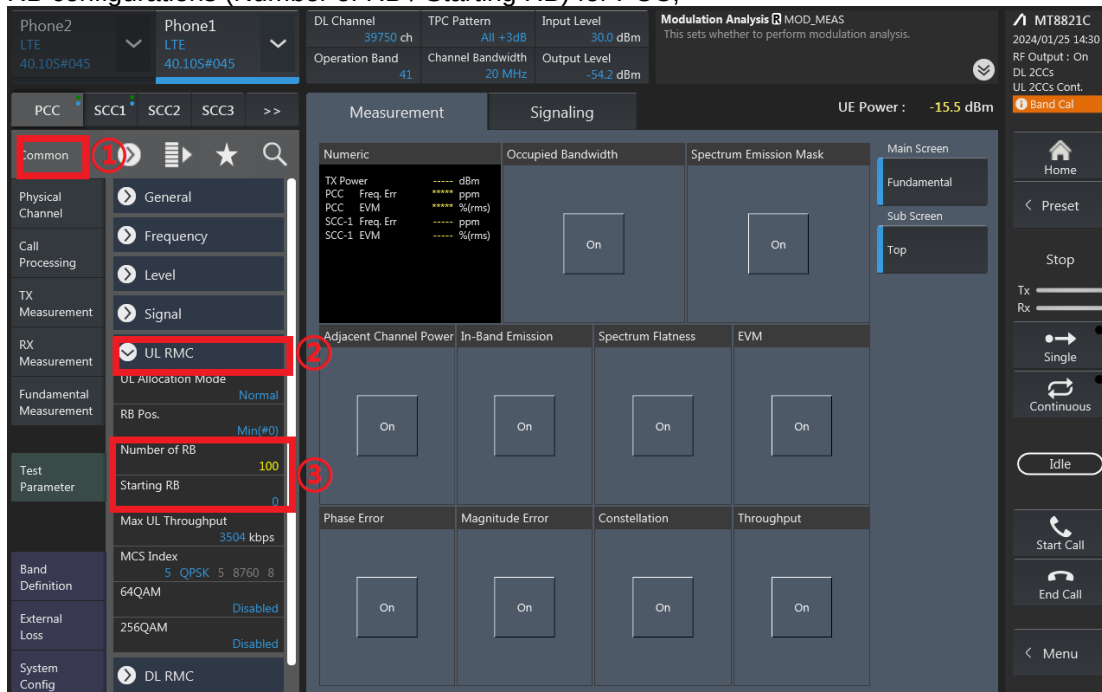
Main Screen Fundamental Sub Screen Top

Adjacent Channel Power In-Band Emission Spectrum Flatness EVM

Phase Error Magnitude Error Constellation Throughput

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

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

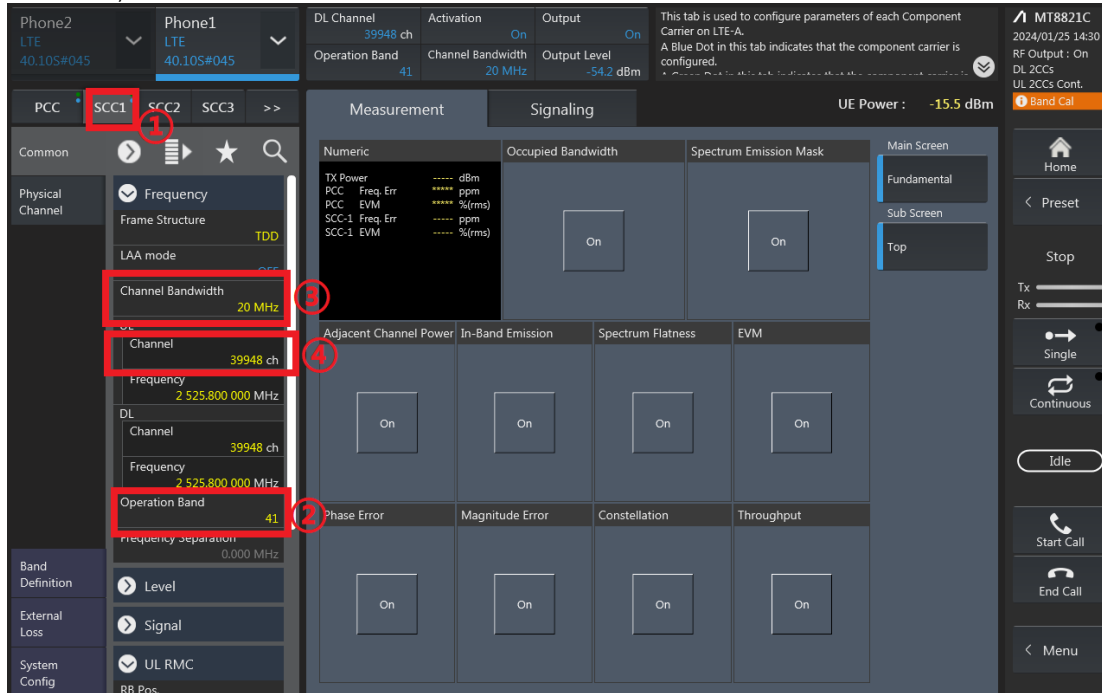
Main Screen Fundamental Sub Screen Top

Adjacent Channel Power In-Band Emission Spectrum Flatness EVM

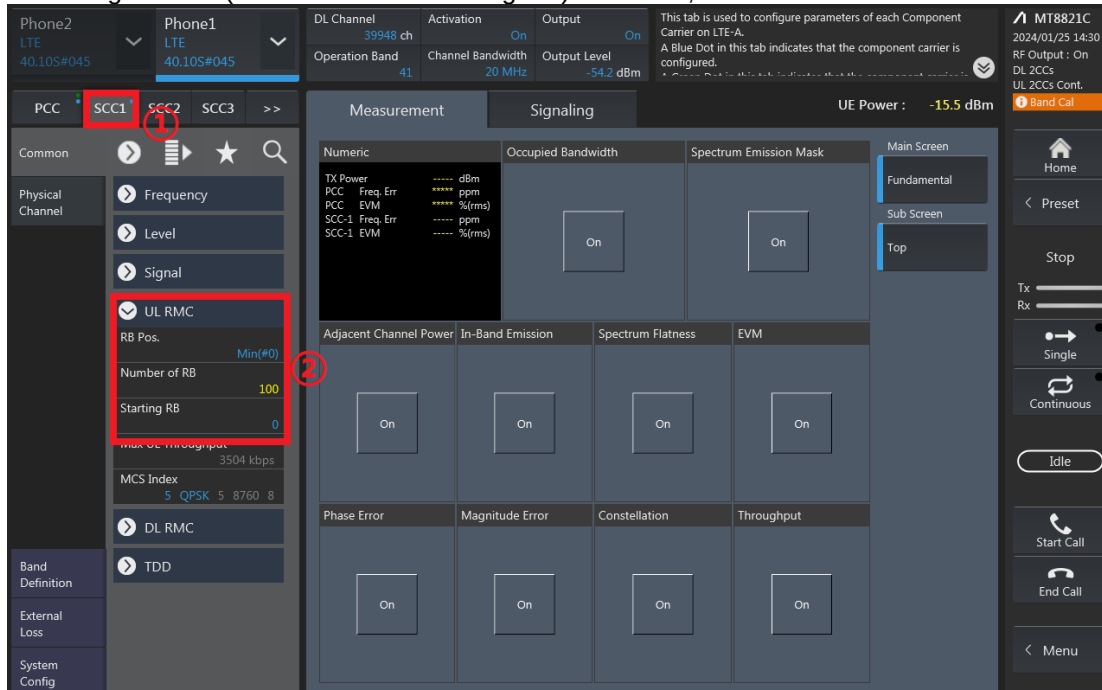
Phase Error Magnitude Error Constellation Throughput

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

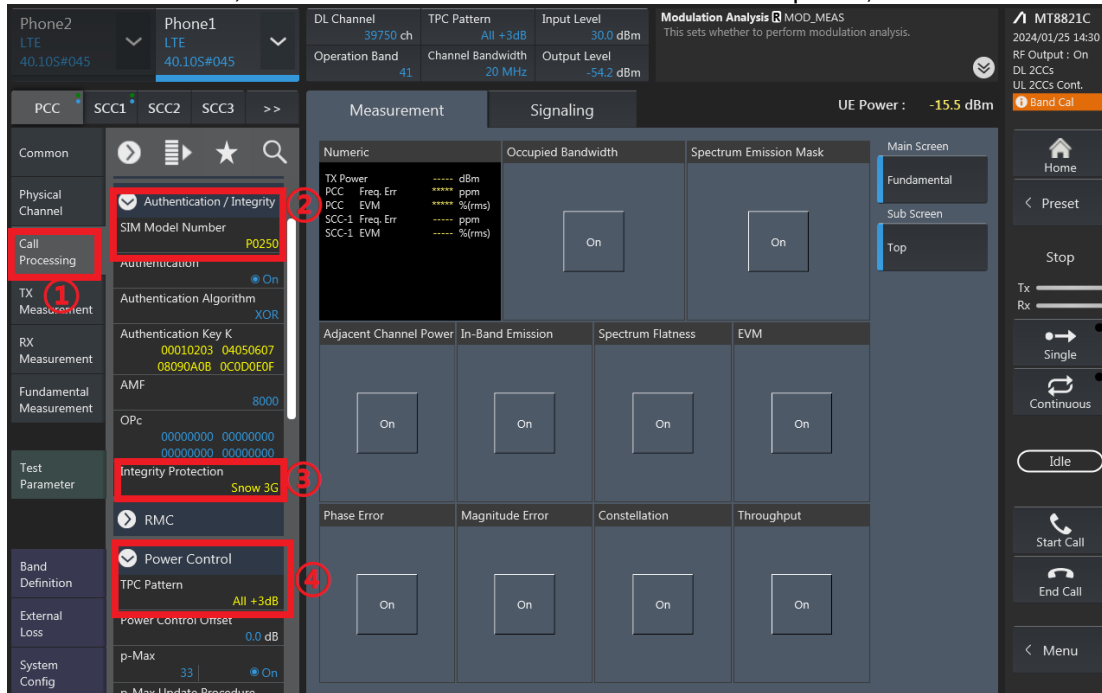
4. SCC parameter Settings: Select the SCC1 tab, Set operating band, BW, channel, and RB configurations for SCC1;



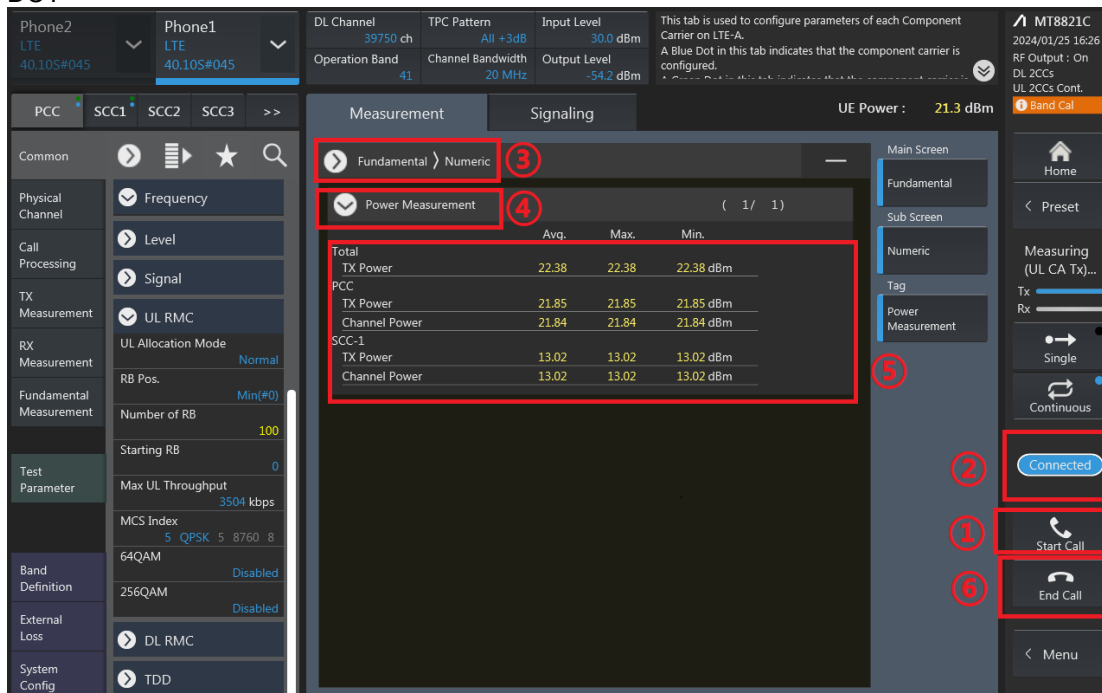
RB configurations (Number of RB / Starting RB) for SCC1;



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.



<ULCA Result>								
CA_410 & HPUE								
PCC Channel	SCC Channel	Modulation	Combination 20MHz+20MHz (100RB+100RB)					
			PCC		SCC		Measured Power (dBm)	Total up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39546	QPSK	1.00	99.00	1.00	0.00	22.56	24.00
40185	40185		1.00	99.00	1.00	0.00	22.47	24.00
40620	40616		1.00	99.00	1.00	0.00	22.45	24.00
41055	41253		1.00	99.00	1.00	0.00	22.44	24.00
41490	41240		1.00	0.00	1.00	99.00	22.06	24.00

<ULCA Result>								
CA_410 & HPUE								
PCC Channel	SCC Channel	Modulation	Combination 20MHz+20MHz (100RB+100RB)					
			PCC		SCC		Measured Power (dBm)	Total up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39546	QPSK	1.00	99.00	1.00	0.00	25.28	27.00
40185	40185		1.00	99.00	1.00	0.00	25.17	27.00
40620	40616		1.00	99.00	1.00	0.00	25.36	27.00
41055	41253		1.00	99.00	1.00	0.00	25.43	27.00
41490	41190		1.00	0.00	1.00	99.00	25.53	27.00



<ULCA_Result>							
CA 36							
Combination 10MHz+10MHz (5076+5076)							
PCC Channel	SCC Channel	Modulation	PCC		SCC	Measured Power (dBm)	Total up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset	
20450	20540	QPSK	1.00	49.00	1.00	0.00	24.00
20476	20576		1.00	49.00	1.00	0.00	24.00
20600	20601		1.00	0.00	1.00	49.00	24.00

<ULCA_Result>

CAL48C								
Combination: 20MHz+20MHz (150MHz+150MHz)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Txn Up Power (dBm)
			RIS Size	RIS Offset	RIS Size	RIS Offset		
5648L	5659H	QPSK	1.00	99.00	1.00	0.00	16.81	18.00
5649L	5658H		1.00	99.00	1.00	0.00	16.86	18.00
56150	56148		1.00	99.00	1.00	0.00	16.64	18.00
56840	56842		1.00	0.00	1.00	99.00	16.50	18.00

<ULCA_Result>

CAL48B								
Combination: 150MHz+150MHz (150MHz+150MHz)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Txn Up Power (dBm)
			RIS Size	RIS Offset	RIS Size	RIS Offset		
56516	56498	QPSK	1.00	74.00	1.00	0.00	16.77	18.00
56820	56813		1.00	74.00	1.00	0.00	16.96	18.00
56180	56243		1.00	74.00	1.00	0.00	16.83	18.00
56860	56072		1.00	0.00	1.00	24.00	16.66	18.00



<ULCA_Result>							
CA 36							
Combination 10MHz+10MHz (5956-5995)							
PCC Channel	SCC Channel	Modulation	PCC		SCC	Measured Power (dBm)	Total up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset	
20450	20545	QPSK	1.00	49.00	1.00	0.00	24.00
20475	20575		1.00	49.00	1.00	0.00	24.00
20500	20501		1.00	0.00	1.00	49.00	24.00

ULCA Result							
LTE Band 41C							
Combination: 20MHz+20MHz+100MHz+100MHz							
PCC Channel	SCC Channel	Modulation	PCC				Measured Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset	
36750	36648	QPSK	1.00	99.00	1.00	0.00	22.56
40185	40083		1.00	99.00	1.00	0.00	22.47
41000	40918		1.00	99.00	1.00	0.00	22.46
41005	41003		1.00	99.00	1.00	0.00	22.44
41460	41502		1.00	0.00	1.00	99.00	22.60
							24.00

<ULCA_Result>								
LTE Band 41C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Total up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
39750	39848	QPSK	1.00	99.00	1.00	0.00	25.28	27.00
40185	40283		1.00	99.00	1.00	0.00	25.37	27.00
40602	40699		1.00	99.00	1.00	0.00	25.36	27.00
41055	41253		1.00	99.00	1.00	0.00	25.43	27.00
41469	41253		1.00	0.00	1.00	99.00	25.53	27.00



<ULCA_Result>								
LTE Band 18								
Combination 10MHz*10MHz (5098-5198)								
PCQ Channel	SCC Channel	Modulation	PCQ		SCC		Measured Power (dBm)	Turn up Power (dBm)
			PR Band	PR Band	PR Band	PR Band		
20465	20449	QPSK	1.00	49.00	1.00	0.00	22.41	23.10
20476	20276		1.00	49.00	1.00	0.00	22.59	23.10
20493	21001		1.00	0.00	1.00	49.00	22.47	23.10

<ULCA Result>

1.78 Band 44C							
Combination 2048Hz+2048Hz (150MHz+150MHz)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)
			PRB Size	PRB CDFmt	PRB Size	PRB CDFmt	
55940	55536	QPSK	1.00	99.00	1.00	0.00	16.81
55940	56028		1.00	99.00	1.00	0.00	16.89
55940	56248		1.00	99.00	1.00	0.00	16.84
55940	56442		1.00	0.00	1.00	99.00	16.50

<ULCA Result>

CA_400							
Combination 15MHz+15MHz (75MHz+75MHz)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)
			PRB Size	PRB CDFmt	PRB Size	PRB CDFmt	
55315	55408	QPSK	1.00	74.00	1.00	0.00	16.77
55620	55613		1.00	74.00	1.00	0.00	16.56
55590	55623		1.00	74.00	1.00	0.00	16.63
55685	55672		1.00	0.00	1.00	24.00	16.46

<ULCA_Result>								
LTE Band 18								
Combination 10MHz+10MHz (50RB-50RB)								
PCQ Channel	SCC Channel	Modulation	PCQ		SCC		Measured Power (dBm)	Turn up Power (dBm)
			PRB Size	PRB Util.	PRB Size	PRB Util.		
20465	20449	QPSK	1.00	49.00	1.00	0.00	22.58	24.00
20476	20275		1.00	49.00	1.00	0.00	22.60	24.00
20493	21001		1.00	0.00	1.00	49.58	22.58	24.00

<ULCA_Result>

LTE Band 41C							
Combination 20MHz+20MHz (150RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC	Measured Power (dBm)	Txn up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset	
39765	39646	QPSK	1.00	90.00	1.00	0.00	22.58
40185	40383		1.00	99.00	1.00	0.00	22.47
40602	40618		1.00	99.00	1.00	0.00	22.46
41055	41235		1.00	99.00	1.00	0.00	22.44
41490	41202		1.00	0.00	1.00	99.00	22.60

<ULCA_Result>

LTE Band 41C							
Combination 20MHz+20MHz (150RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC	Measured Power (dBm)	Txn up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset	
39765	39646	QPSK	1.00	90.00	1.00	0.00	24.19
40185	40383		1.00	99.00	1.00	0.00	24.22
40602	40618		1.00	99.00	1.00	0.00	24.26
41055	41263		1.00	99.00	1.00	0.00	24.26
41490	41202		1.00	0.00	1.00	99.00	24.30



<ULCA_Result>								
LTE Band 18								
Combination 10MHz*10MHz (5098-5198)								
PCQ Channel	SCC Channel	Modulation	PCQ		SCC		Measured Power (dBm)	Turn up Power (dBm)
			PR Band	PR Band	PR Band	PR Band		
20465	20545	QPSK	1.00	49.00	1.00	0.00	21.31	23.20
20476	20576		1.00	49.00	1.00	0.00	21.38	23.20
20493	21001		1.00	0.00	1.00	49.00	21.35	23.20

<ULCA Result>								
1.76 Band 44C								
Combination 2048KHz+2048KHz (150MHz+150MHz)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Txm up Power (dBm)
			PRB Size	PRB CDFmt	PRB Size	PRB CDFmt		
55940	55536	QPSK	1.00	99.00	1.00	0.00	16.81	18.00
55940	56028		1.00	99.00	1.00	0.00	16.89	18.00
55940	56248		1.00	99.00	1.00	0.00	16.84	18.00
55940	56442		1.00	0.00	1.00	99.00	16.50	18.00

<ULCA Result>								
CA_400								
Combination 15MHz+15MHz (75MHz+75MHz)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Txm up Power (dBm)
			PRB Size	PRB CDFmt	PRB Size	PRB CDFmt		
55315	55408	QPSK	1.00	74.00	1.00	0.00	16.77	18.00
55620	55613		1.00	74.00	1.00	0.00	16.56	18.00
55590	55613		1.00	74.00	1.00	0.00	16.63	18.00
55685	55672		1.00	0.00	1.00	24.00	16.46	18.00

<ULCA_Result>								
LTE Band 18								
Combination 10MHz*10MHz (5098-5198)								
PCQ Channel	SCC Channel	Modulation	PCQ		SCC		Measured Power (dBm)	Turn up Power (dBm)
			PRB Size	PRB Util.	PRB Size	PRB Util.		
20465	20449	QPSK	1.00	49.00	1.00	0.00	22.58	24.00
20476	20275		1.00	49.00	1.00	0.00	22.60	24.00
20493	21001		1.00	0.00	1.00	49.58	22.58	24.00

<ULCA_Result>								
LTE Band 41C								
Combination: 20MHz+20MHz / 100MHz+100MHz								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Total ut Power (dBm)
			RIS Size	RIS Offset	RIS Size	RIS Offset		
39759	39948	QPSK	1.00	99.00	1.00	0.00	22.98	24.00
40185	40383		1.00	99.00	1.00	0.00	22.47	24.00
40620	40818		1.00	99.00	1.00	0.00	22.45	24.00
41055	41253		1.00	99.00	1.00	0.00	22.44	24.00
41490	41687		1.00	1.00	1.00	99.00	22.85	24.00

<ULCA_Result>							
LTE Band 41C							
Combination 20MHz/20MHz (100RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset	
39752	39944	QPSK	1.00	99.00	1.00	0.00	25.28
40185	40383		1.00	99.00	1.00	0.00	25.37
40620	40818		1.00	99.00	1.00	0.00	25.36
41055	41253		1.00	99.00	1.00	0.00	25.43
41490	41952		1.00	0.00	1.00	99.00	25.53
							27.05



<ULCA_Result>

LTE Band 18							
Combination 18A00+18A00 (100MHz)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset	
2040	2040	QPSK	1.00	49.00	1.00	0.00	22.23
2043	2043		1.00	49.00	1.00	0.00	22.34
2060	2060		1.00	0.00	1.00	49.00	22.29



<ULCA_Result>								
LTE Band 40C								
Combination: 25MHz+25MHz (150MHz+150MHz)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Txn Up Power (dBm)
			RIS Size	RIS Offset	RIS Size	RIS Offset		
56340	56536	QPSK	1.00	99.00	1.00	0.00	16.81	18.00
56340	56536		1.00	99.00	1.00	0.00	16.89	18.00
56150	56148		1.00	99.00	1.00	0.00	16.64	18.00
56940	56442		1.00	0.00	1.00	99.00	16.50	18.00

<ULCA_Result>								
CA 40B								
Combination: 15MHz+15MHz (15MHz+15MHz)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Txn Up Power (dBm)
			RIS Size	RIS Offset	RIS Size	RIS Offset		
56316	56618	QPSK	1.00	74.00	1.00	0.00	16.77	18.00
56805	56513		1.00	74.00	1.00	0.00	16.56	18.00
56160	56213		1.00	74.00	1.00	0.00	16.83	18.00
56805	56512		1.00	0.00	1.00	24.00	16.66	18.00



<ULCA_Result>

LTE Band 18							
Carrier: 1840~1880 (10MHz)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset	
2040	2040	QPSK	1.00	49.00	1.00	0.00	22.56
2043	2043		1.00	49.00	1.00	0.00	24.00
2050	2051		1.00	0.00	1.00	49.00	22.56
							24.00

<ULCA Result>

LTE Band 41C							
Combination 20MHz+20MHz (100RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Transmit Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset	
39750	39546	QPSK	1.00	99.00	1.00	0.00	22.06
40185	40363		1.00	99.00	1.00	0.00	22.47
40620	40616		1.00	99.00	1.00	0.00	22.45
41055	41203		1.00	99.00	1.00	0.00	22.44
41490	41202		1.00	0.00	1.00	99.00	22.60

<ULCA Result>

LTE Band 41C							
Combination 20MHz+20MHz (100RB+100RB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Transmit Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset	
39750	39546	QPSK	1.00	99.00	1.00	0.00	24.19
40185	40363		1.00	99.00	1.00	0.00	24.22
40620	40616		1.00	99.00	1.00	0.00	24.15
41055	41203		1.00	99.00	1.00	0.00	24.26
41490	41202		1.00	0.00	1.00	99.00	24.30



<ULCA Result>							
LTE Band 08							
Combination 10MHz*10MHz (50PRB*50PRB)							
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset	
20460	20549	QPSK	1.00	49.00	1.00	0.00	19.82
20476	20576		1.00	49.00	1.00	0.00	19.89
20600	20591		1.00	0.00	1.00	49.00	19.85
							Total Power (dBm)
							20.60

<ULCA Result>

1.16 Band 46C							
Combination 20MHz+20MHz (100MHz+100MHz)							
PCC Channel	SCC Channel	Modulation	PCC		SCC	Measured Power (dBm)	Total Power (dBm)
			RIS Size	RIS Offset	RIS Size	RIS Offset	
55940	55538	QPSK	1.00	99.00	1.00	0.00	18.81
55940	55526		1.00	99.00	1.00	0.00	18.89
55940	55348		1.00	99.00	1.00	0.00	18.84
55940	55442		1.00	0.00	1.00	99.00	18.50

<ULCA Result>

CA 40B							
Combination 15MHz+15MHz (75MHz+75MHz)							
PCC Channel	SCC Channel	Modulation	PCC		SCC	Measured Power (dBm)	Total Power (dBm)
			RIS Size	RIS Offset	RIS Size	RIS Offset	
55310	55408	QPSK	1.00	74.00	1.00	0.00	16.77
55820	55913		1.00	74.00	1.00	0.00	16.58
55860	56013		1.00	74.00	1.00	0.00	16.83
55880	56172		1.00	0.00	1.00	24.00	16.66



<ULCA_Result>								
LTE Band 08								
Combination 10MHz*10MHz (50PRB*50PRB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Total Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
20460	20460	QPSK	1.00	49.00	1.00	0.00	22.56	24.00
20476	20576		1.00	49.00	1.00	0.00	22.60	24.00
20600	20601		1.00	0.00	1.00	49.00	22.58	24.00