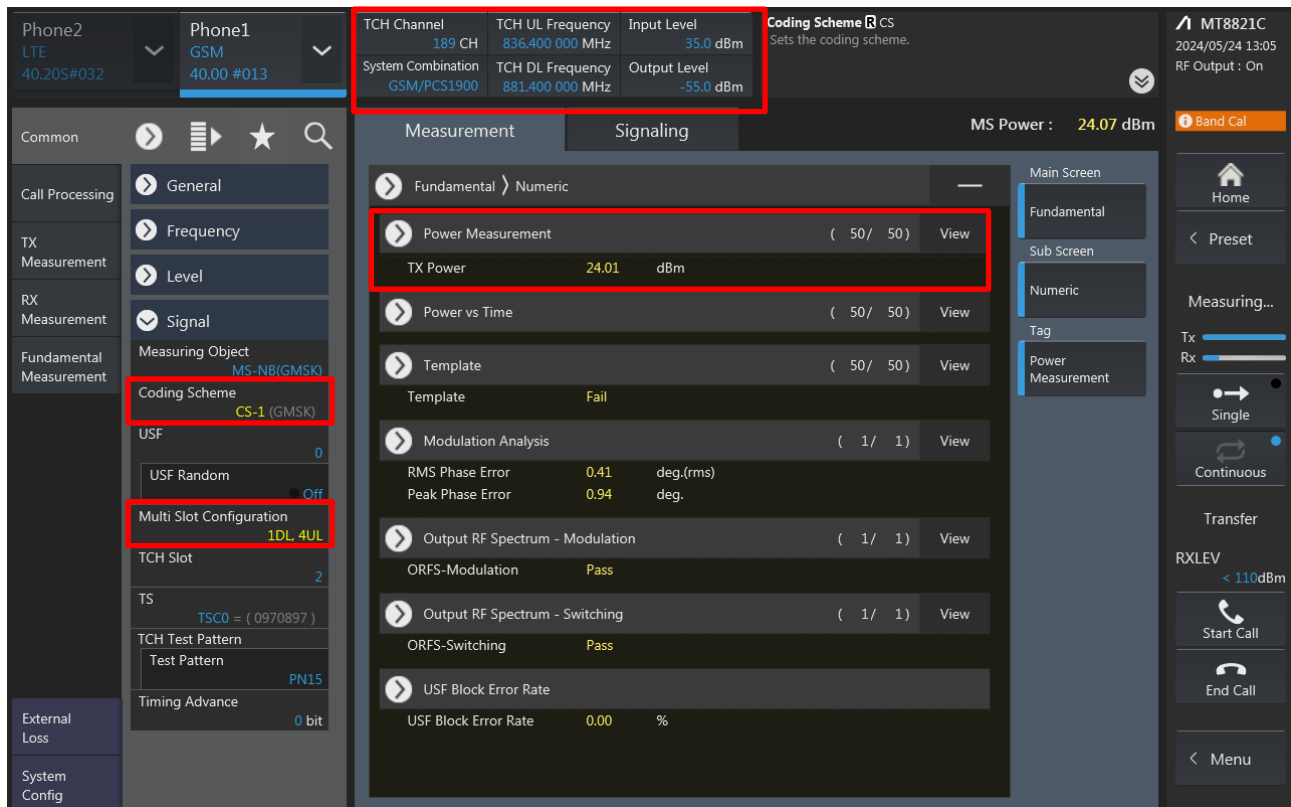


Power measurement connection diagram:

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.

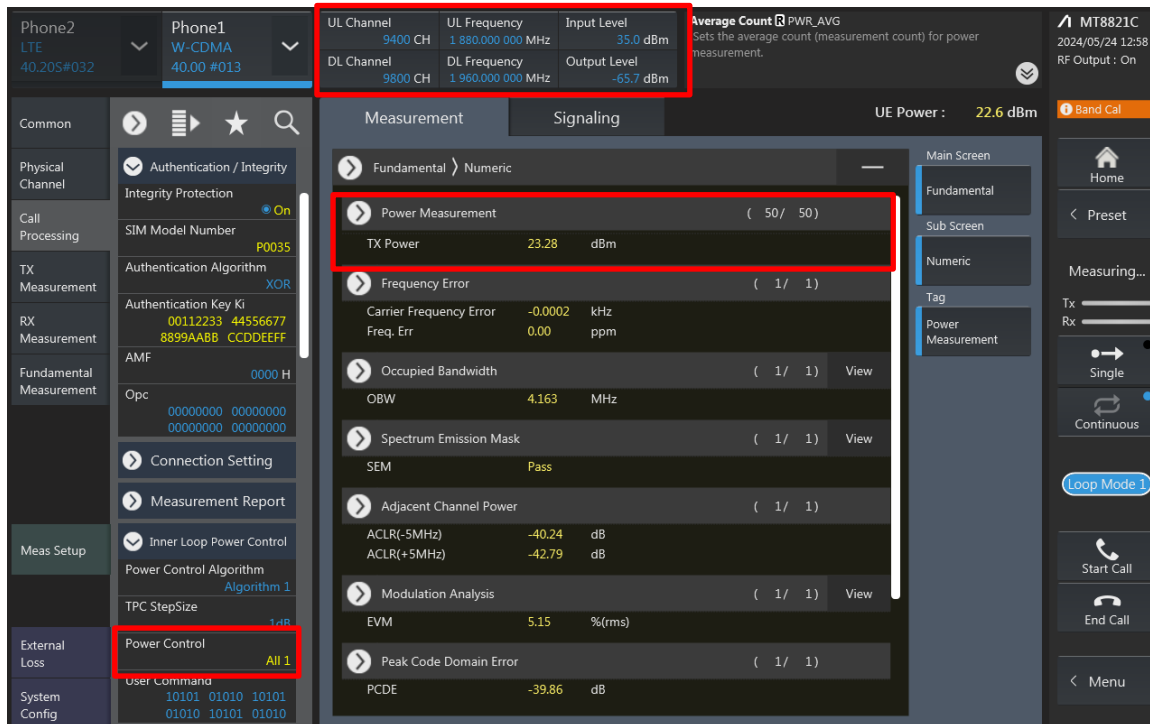
<GSM>



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

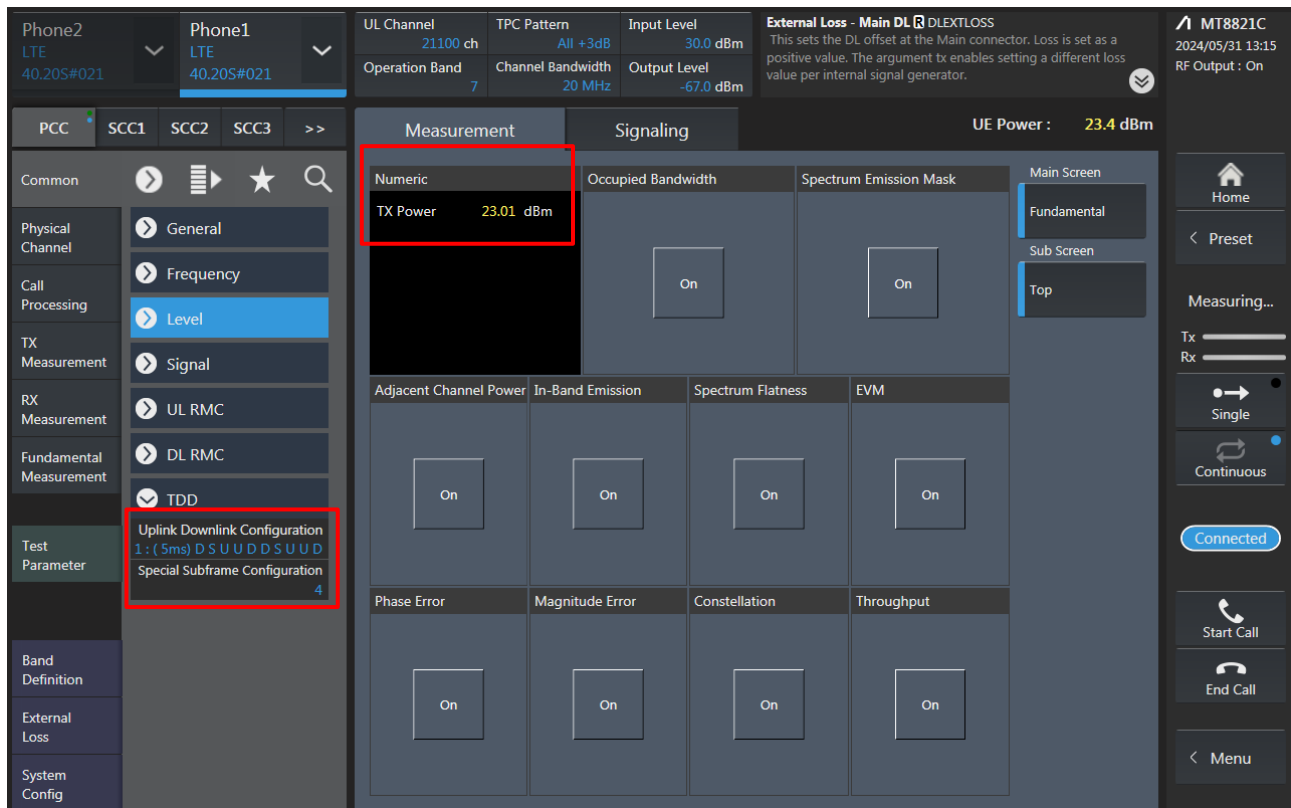
- Top Bar:** Shows Phone2 (LTE, 40.205#032) and Phone1 (GSM, 40.00 #013). The TCH Channel is 189 CH, TCH UL Frequency is 836.400 000 MHz, Input Level is 35.0 dBm, and TCH DL Frequency is 881.400 000 MHz. The Coding Scheme is CS.
- Left Sidebar:** Contains navigation options like Call Processing, TX Measurement, RX Measurement, Fundamental Measurement, and External Loss.
- Main Area:**
 - Measurement Tab:** Shows the Power Measurement section with a red box highlighting the TX Power value of 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 the Template section with a red box highlighting the Template value of Fail.
- Right Sidebar:** Contains navigation options like Main Screen, Fundamental, Sub Screen, Numeric, Tag, and Power Measurement. It also shows the MT8821C device status and RF Output: On.

<WCDMA>



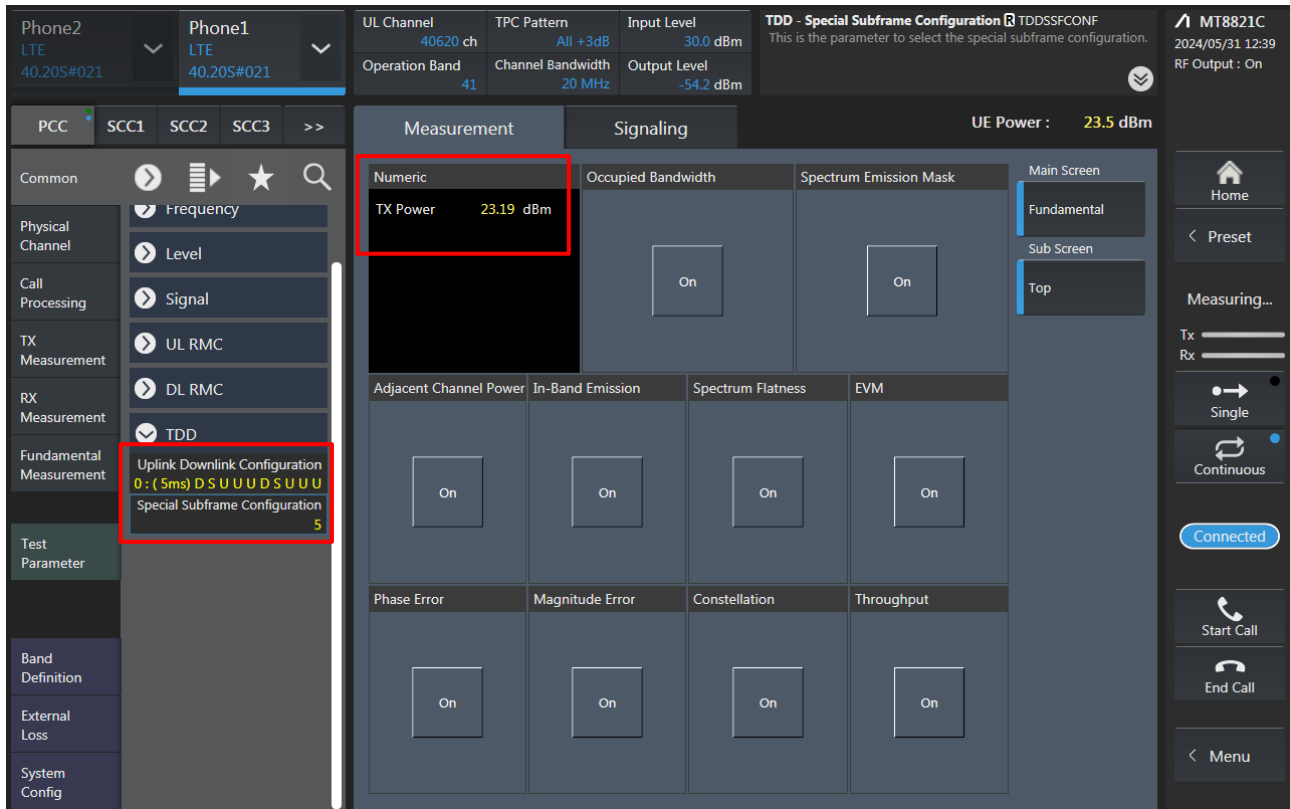
The screenshot shows the WCDMA measurement interface. The top bar displays 'Phone2 LTE 40.20S#032' and 'Phone1 W-CDMA 40.00 #013'. The 'Measurement' tab is active, showing a list of metrics. A red box highlights the 'Power Measurement' section, which includes 'TX Power' at 23.28 dBm. Another red box highlights the 'UL Channel' and 'DL Channel' information at the top, showing 'UL Channel 9400 CH' and 'DL Channel 9800 CH'. The 'UE Power' is 22.6 dBm. The right sidebar shows 'MT8821C' and 'RF Output : On'.

<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 'TX Power' at 23.01 dBm. Another red box highlights the 'Uplink Downlink Configuration' section, showing '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 right sidebar shows 'MT8821C' and 'RF Output : On'.

<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

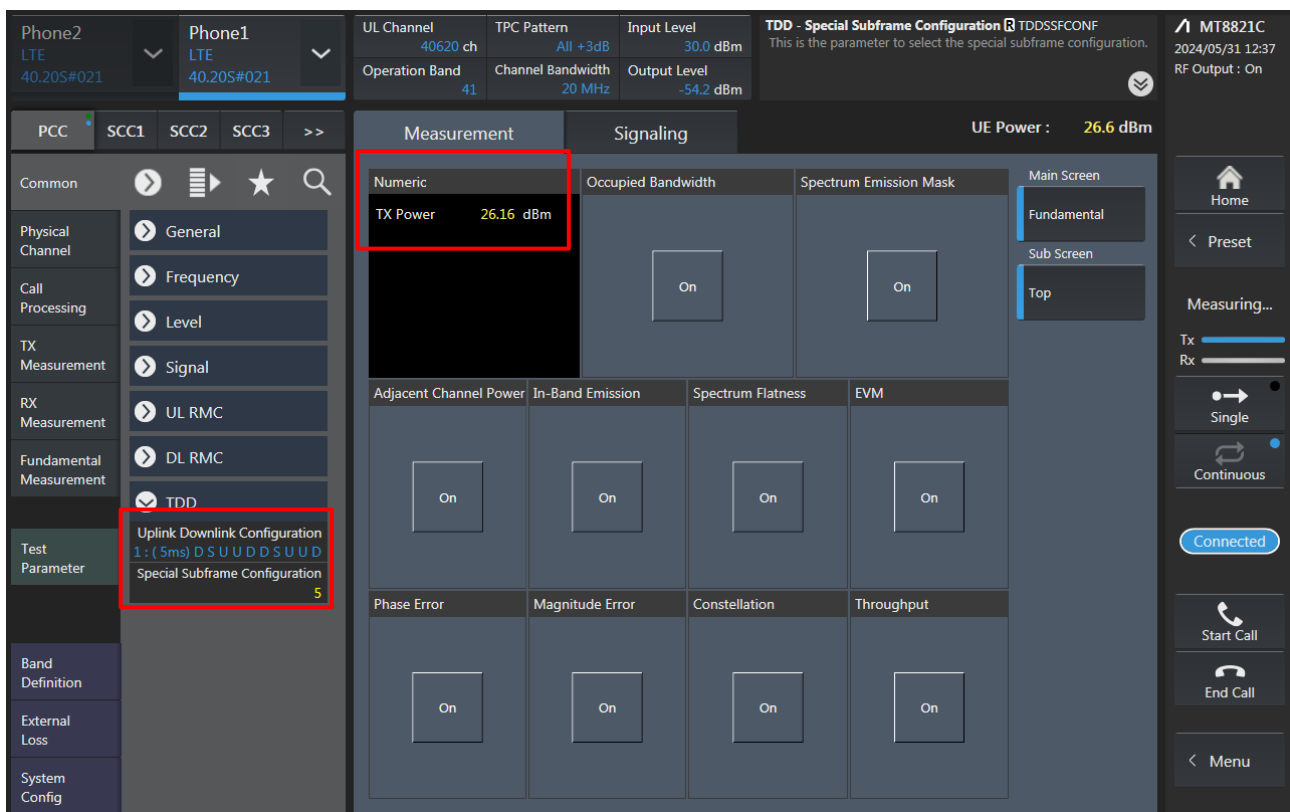
Common Frequency Level Signal UL RMC DL RMC TDD Uplink Downlink Configuration 0 : (5ms) D S U U U D S U U U Special Subframe Configuration 5

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

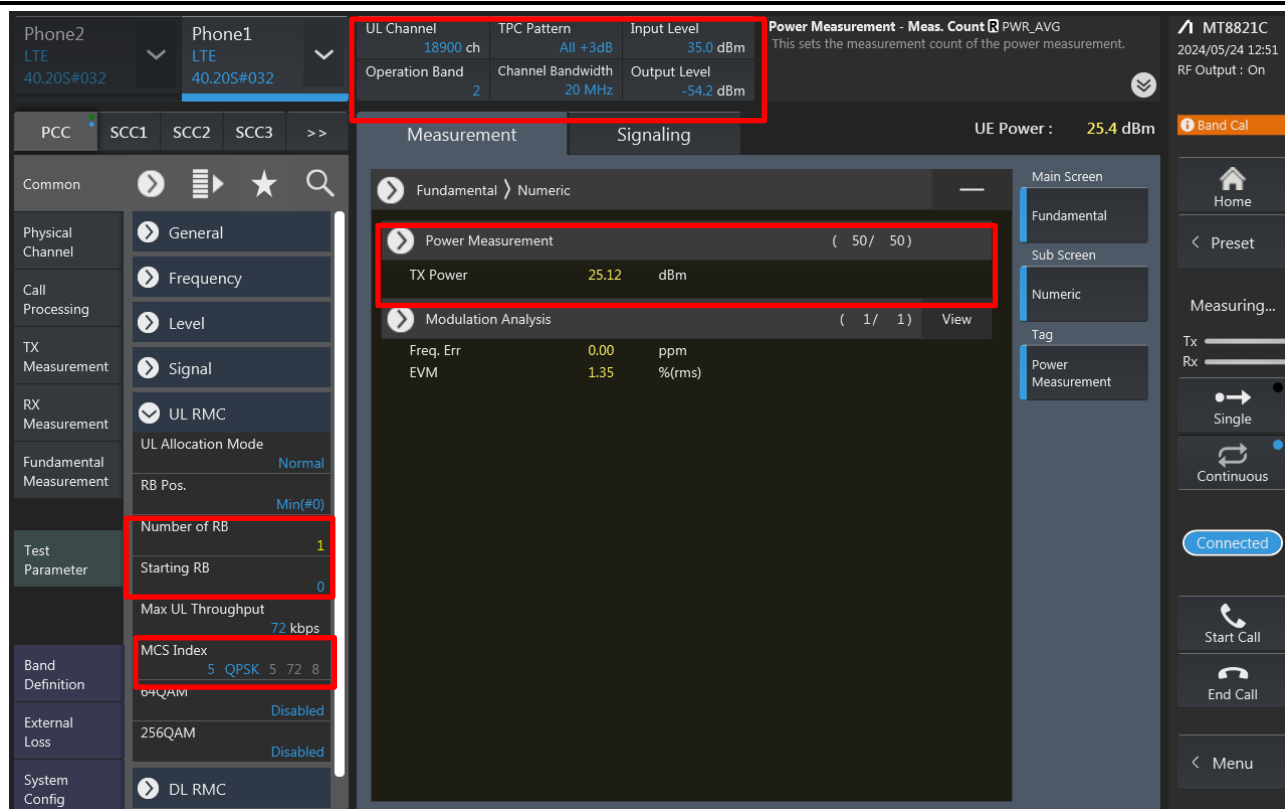
On On On On

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

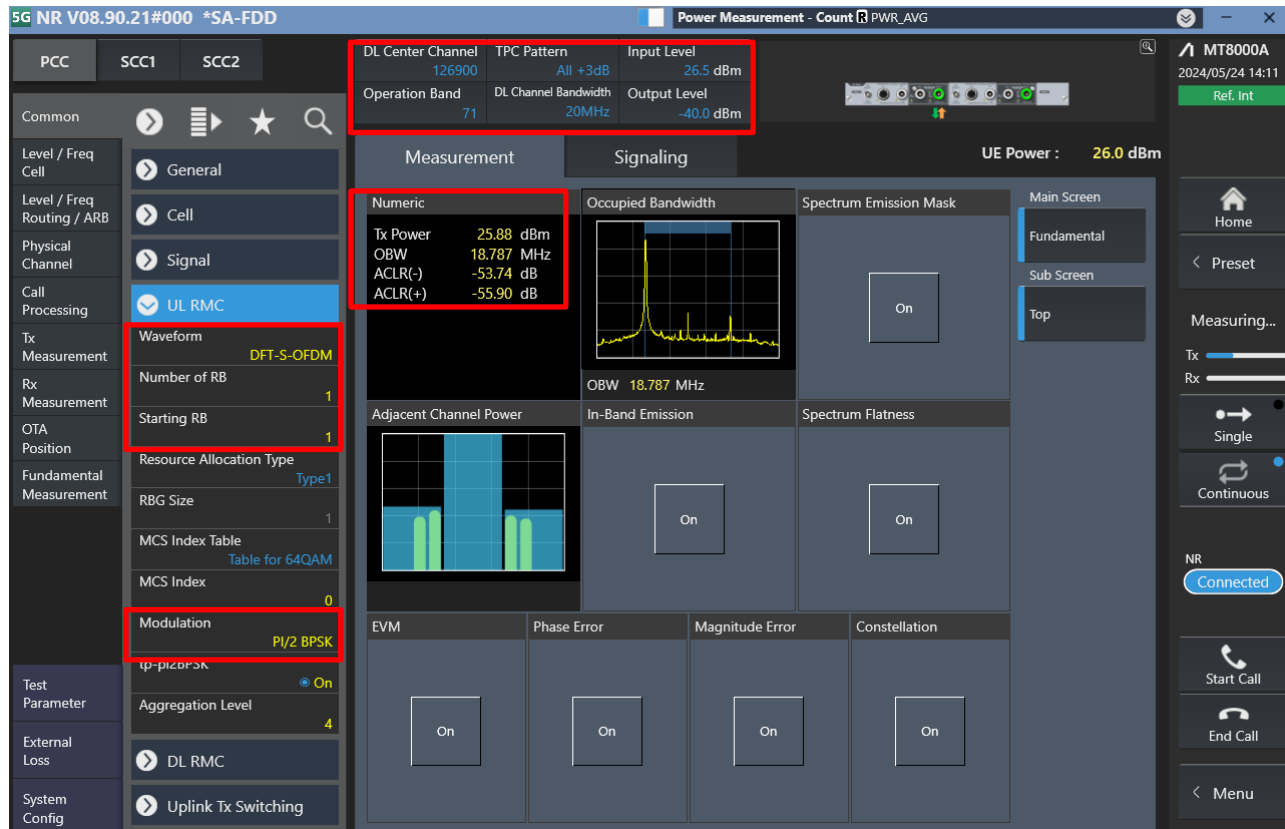
Physical Channel Call Processing TX Measurement RX Measurement Fundamental Measurement Test Parameter Band Definition External Loss System Config

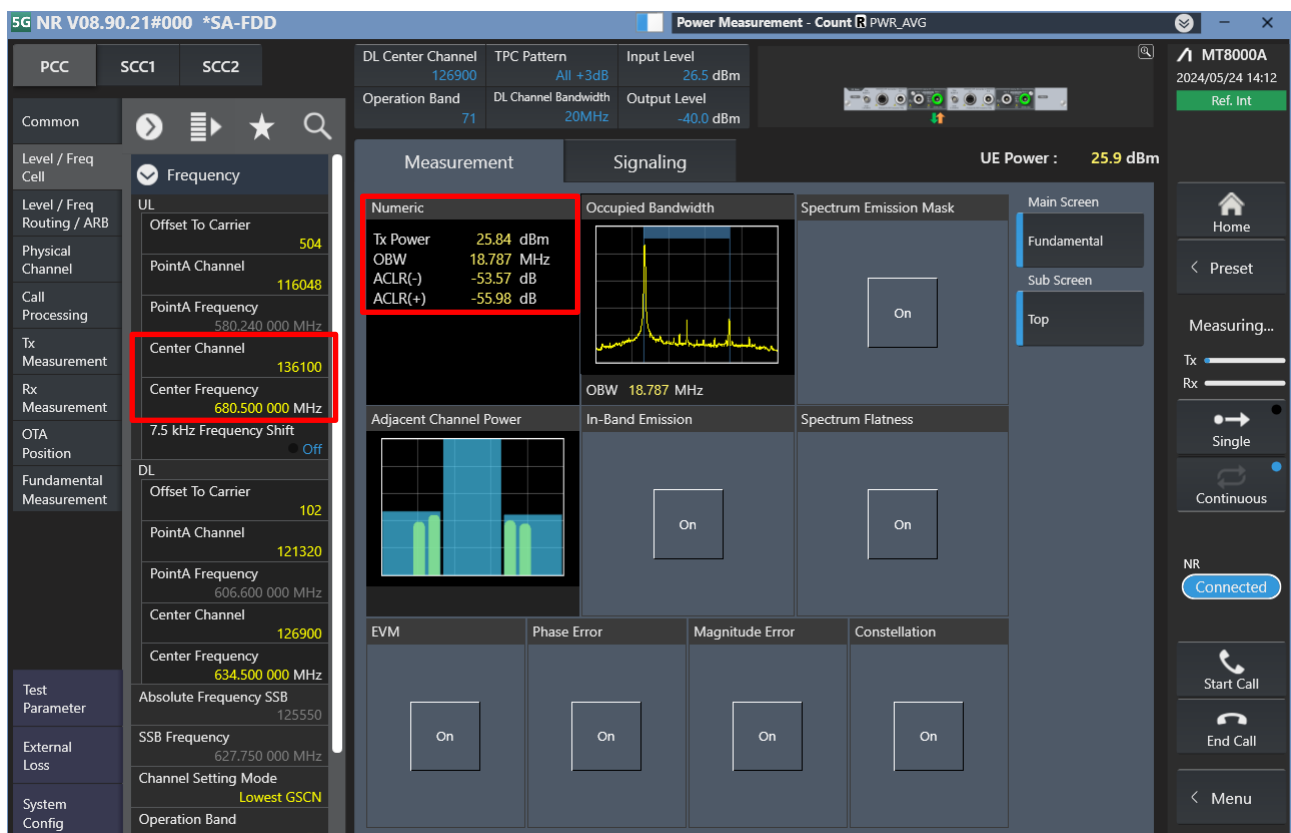
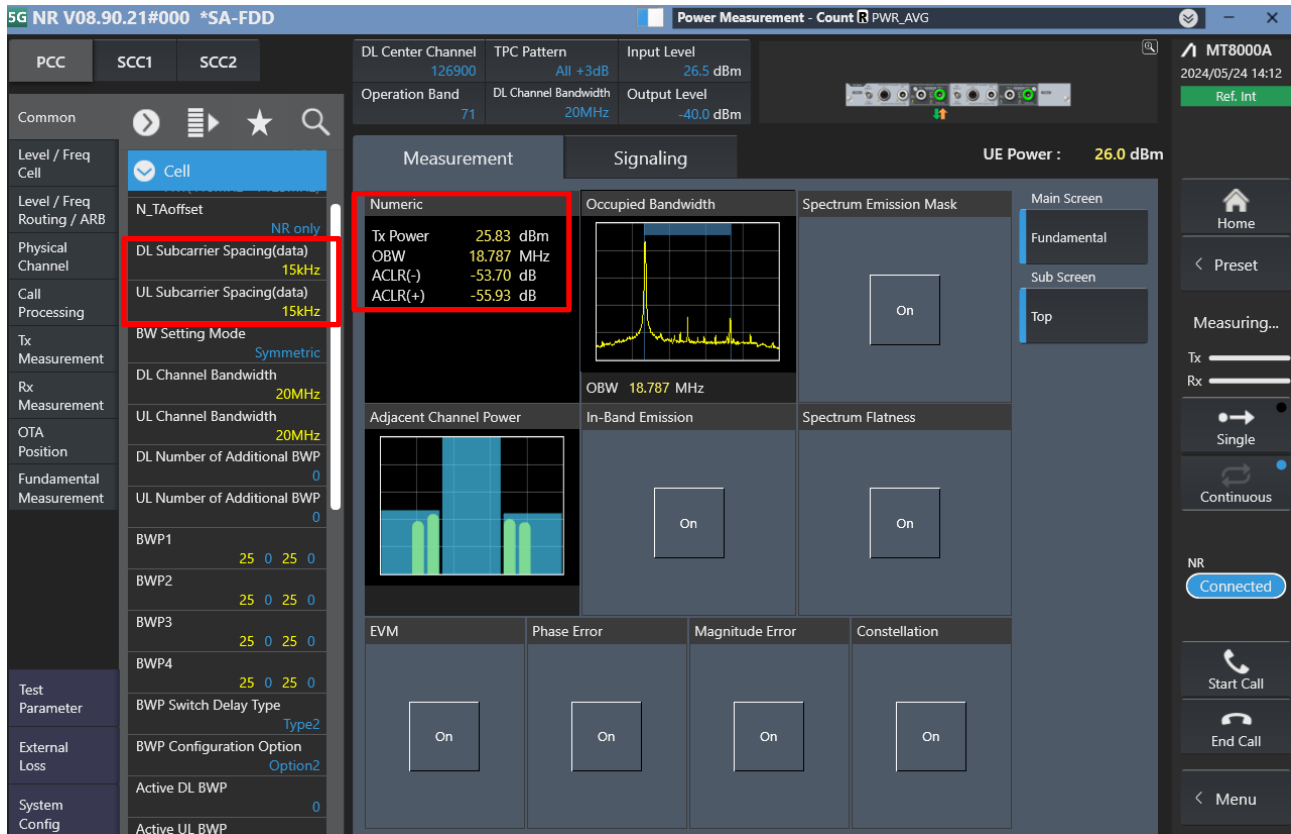
Main Screen Fundamental Sub Screen Top

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



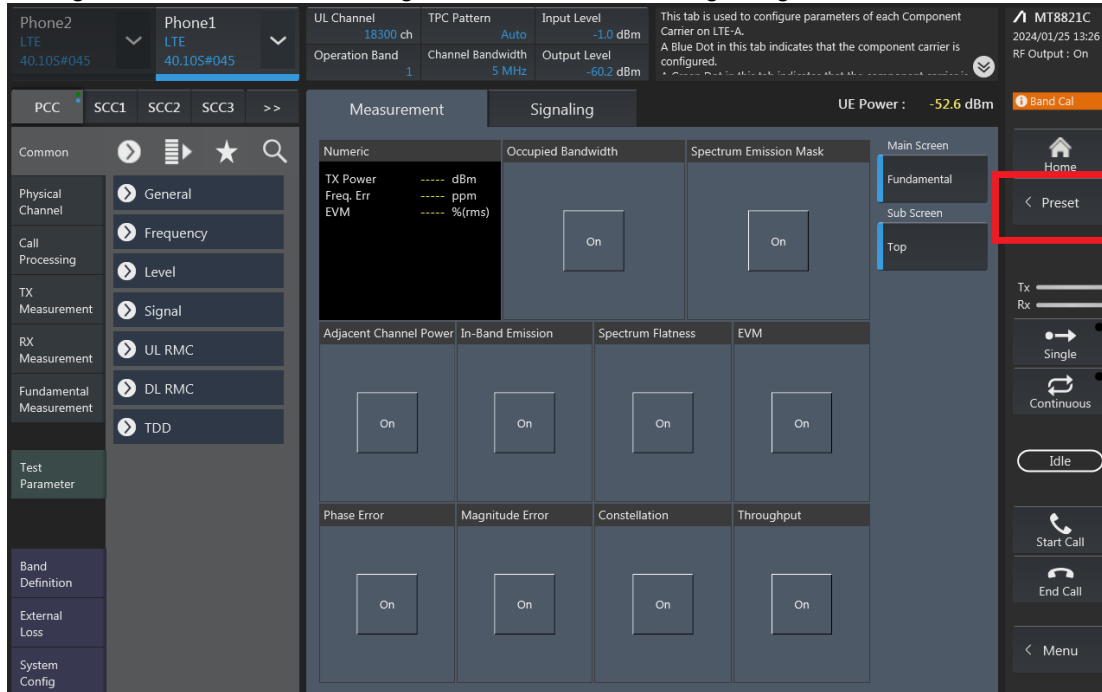
<5G NR FR1>





LTE Uplink and Downlink Carrier Aggregation configurations:

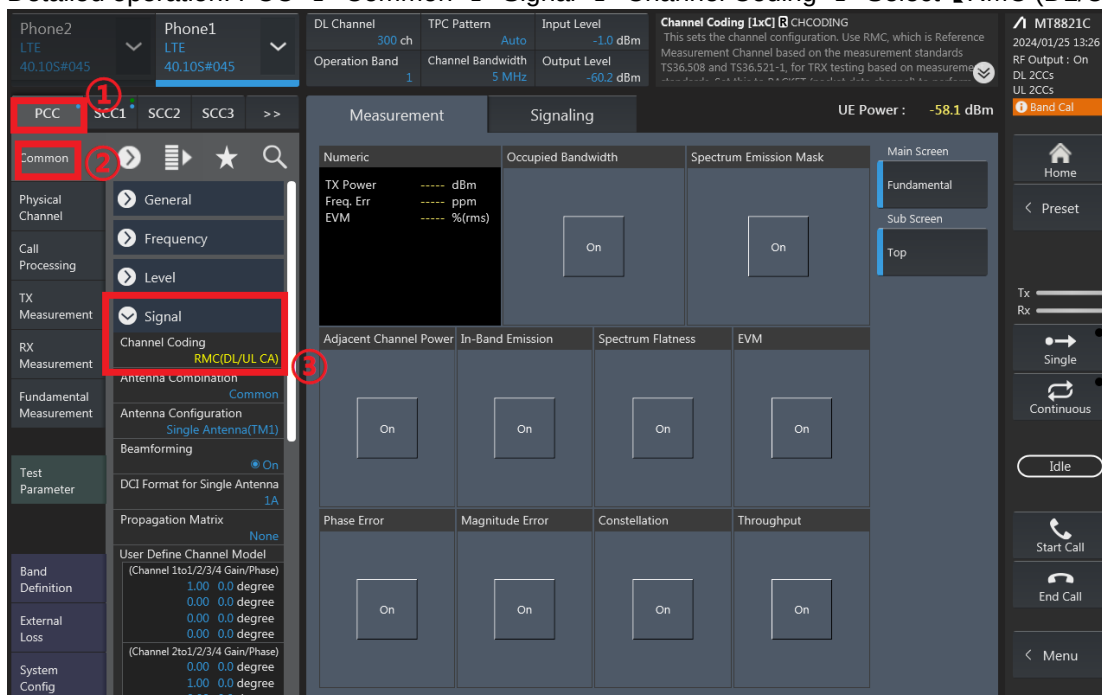
1. Change the Scenario in the Configuration of Phone1 LTE Signaling and Preset.



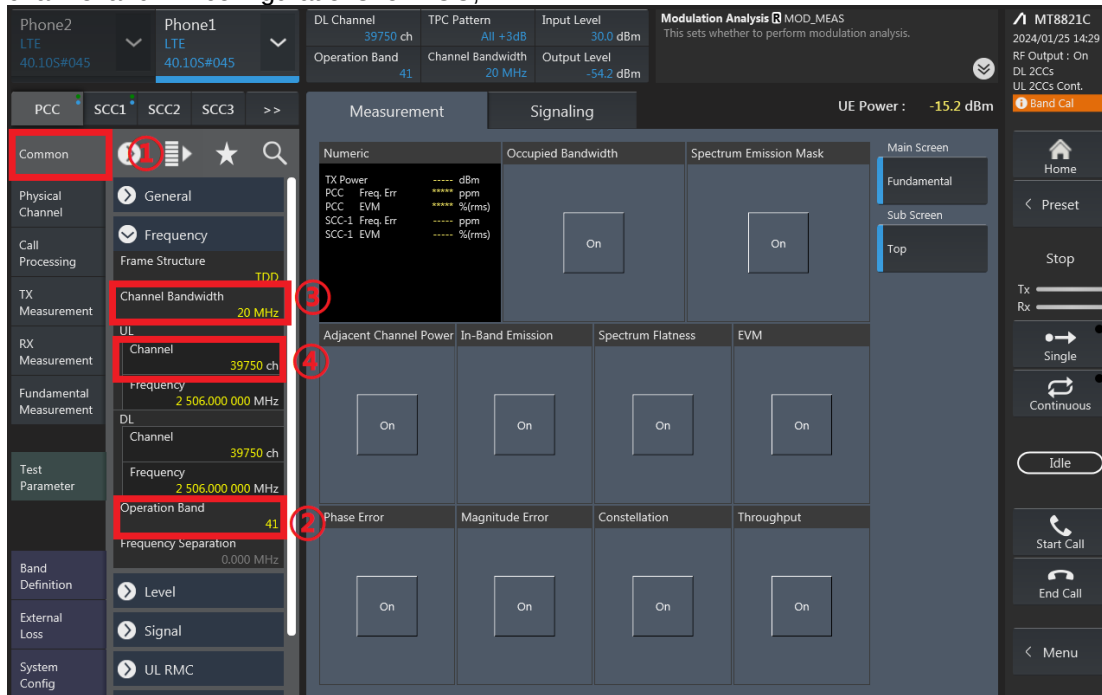
2. If Select "RMC (DL/UL CA)" for Uplink Carrier Aggregation;
If Select "RMC (DL CA)" for Downlink Carrier Aggregation.

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.

PCC SCC1 SCC2 SCC3 >>

Measurement Signaling UE Power : -15.2 dBm

Common 1

Physical Channel General

Call Processing Frequency

TX Measurement Channel Bandwidth 20 MHz 3

RX Measurement Channel 39750 ch 4

Fundamental Measurement Frequency 2 506.000 000 MHz

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

Frequency Separation 0.000 MHz

Band Definition Level

External Loss Signal

System Config UL RMC

Numeric Occupied Bandwidth Spectrum Emission Mask

TX Power PCC Freq. Err. dBm PPM PCC EVM % (rms) SCC-1 Freq. Err. PPM SCC-1 EVM % (rms)

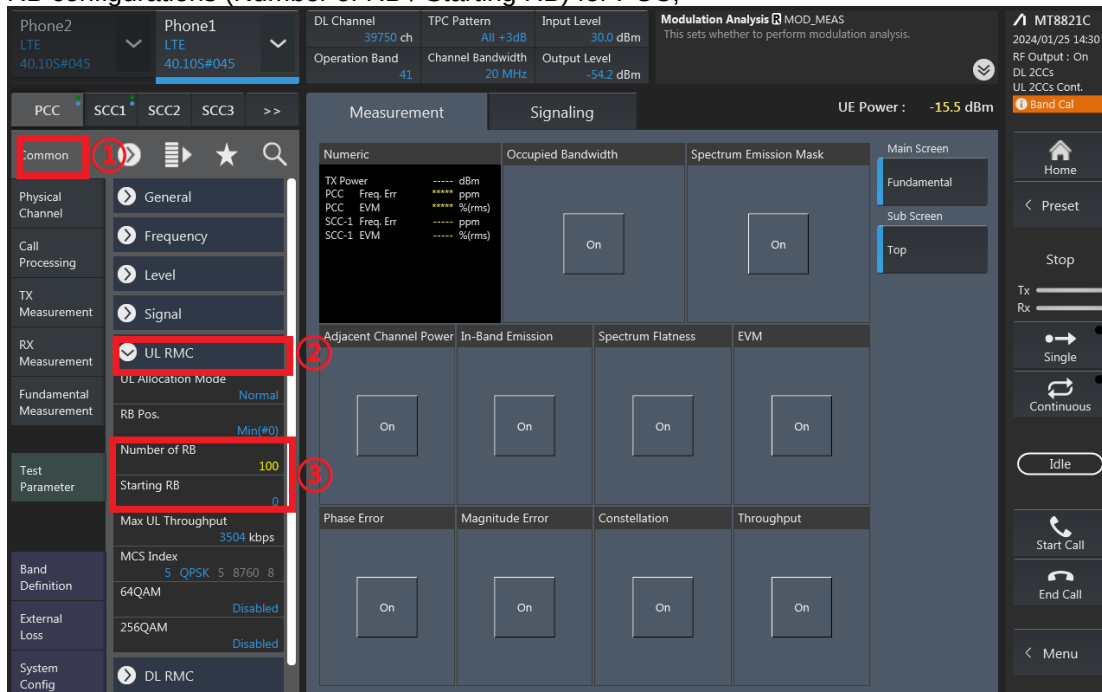
Adjacent Channel Power In-Band Emission Spectrum Flatness EVM

Phase Error Magnitude Error Constellation Throughput

Main Screen Fundamental Sub Screen Top

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.

PCC SCC1 SCC2 SCC3 >>

Measurement Signaling UE Power : -15.5 dBm

Common 1

Physical Channel General

Call Processing Frequency

TX Measurement Level

RX Measurement Signal

Fundamental Measurement UL RMC 2

UL Allocation Mode Normal

RB Pos. Min(#0)

Test Parameter Number of RB 100 3

Starting RB 0

Max UL Throughput 3504 kbps

Band Definition MCS Index 5 QPSK 5 8760 8

External Loss 64QAM Disabled

System Config 256QAM Disabled DL RMC

Numeric Occupied Bandwidth Spectrum Emission Mask

TX Power PCC Freq. Err. dBm PPM PCC EVM % (rms) SCC-1 Freq. Err. PPM SCC-1 EVM % (rms)

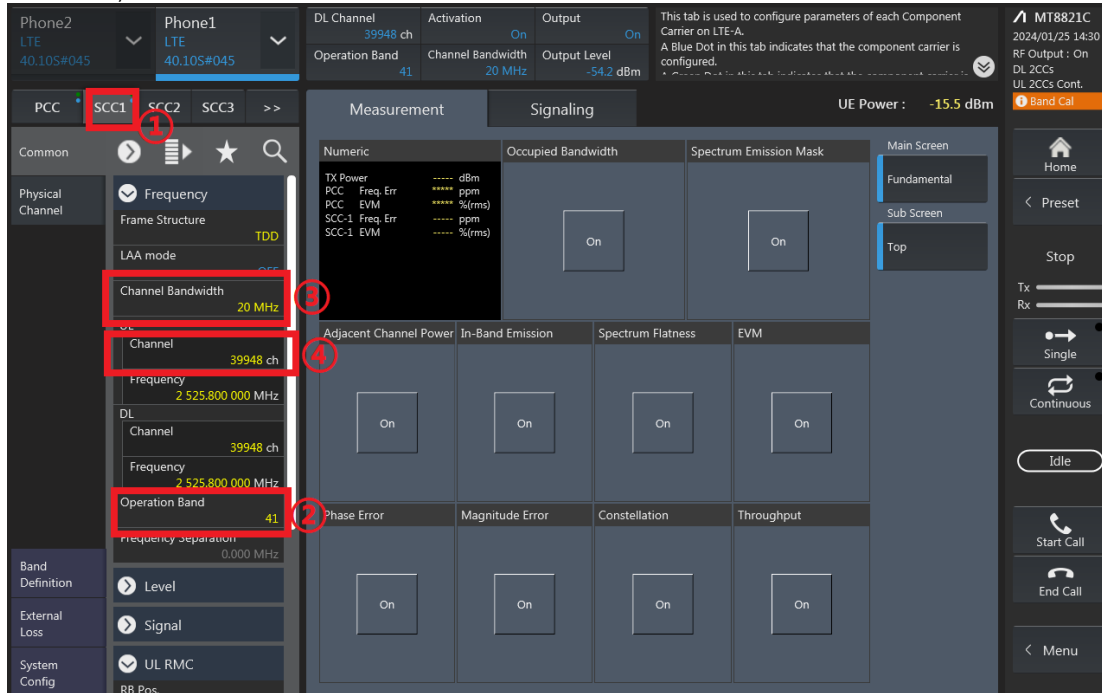
Adjacent Channel Power In-Band Emission Spectrum Flatness EVM

Phase Error Magnitude Error Constellation Throughput

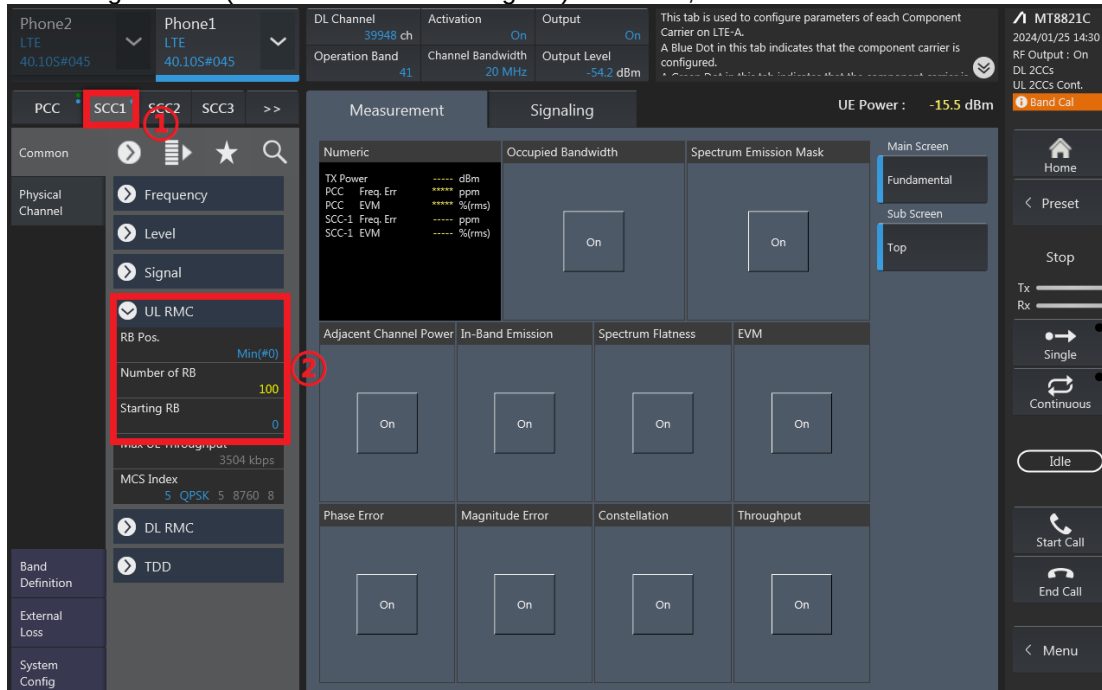
Main Screen Fundamental Sub Screen Top

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

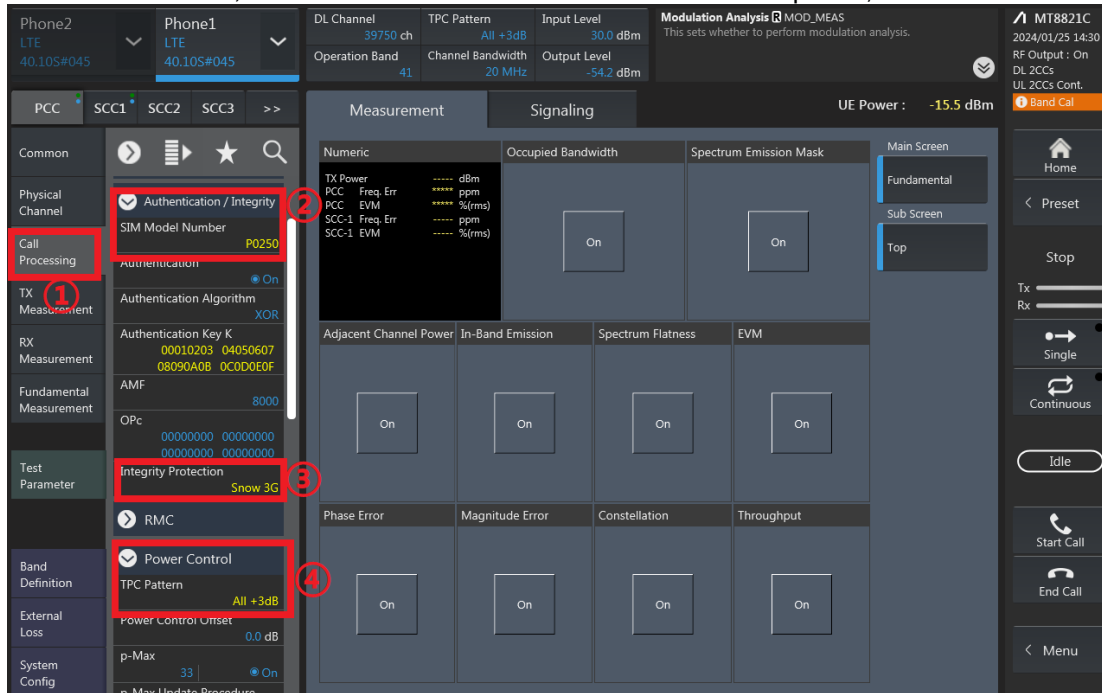
4. SCC parameter Settings: Select the SCC1 tab, Set operating band, BW, channel, and RB configurations for SCC1;



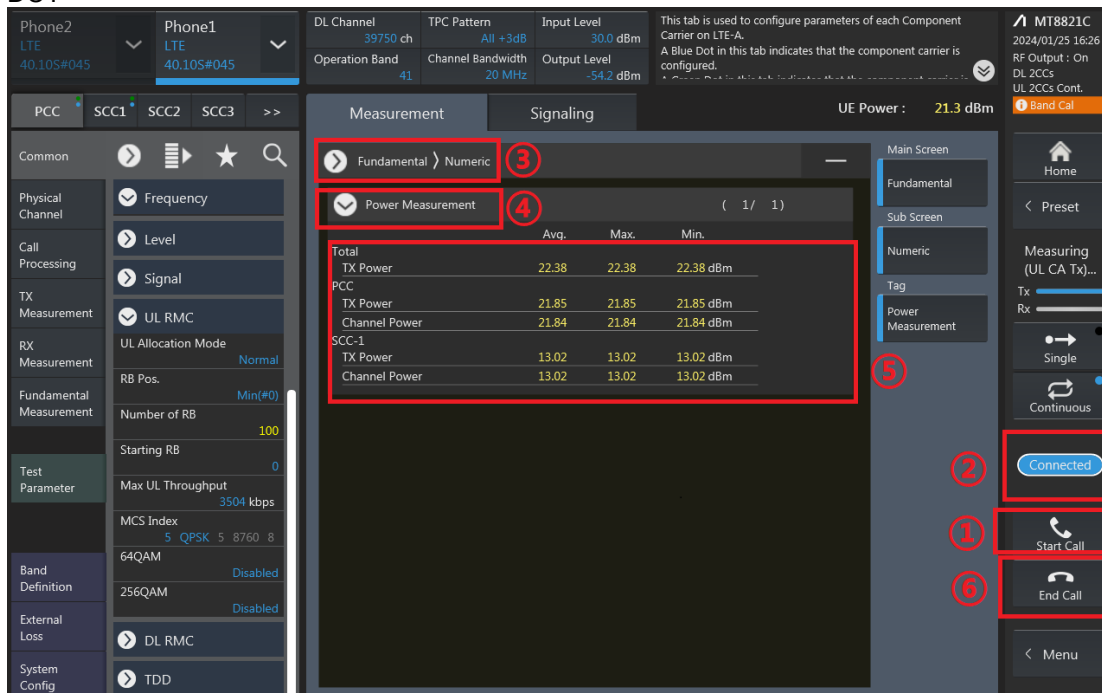
RB configurations (Number of RB / Starting RB) for SCC1;



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



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

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

Intra-Band Power Measurement

CA_2C Ant 2 Full Power								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	99	1	0	22.71	24.00
18900	19098	QPSK	1	99	1	0	22.78	24.00
19100	18902	QPSK	1	0	1	99	22.65	24.00

CA_7C Ant 2 Full Power								
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	22.6	24.00
21100	21298	QPSK	1	99	1	0	22.66	24.00
21350	21152	QPSK	1	0	1	99	22.56	24.00

CA_38C Ant 2 Full Power								
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	22.7	24.00
37901	38099	QPSK	1	99	1	0	22.84	24.00
38150	37952	QPSK	1	0	1	99	22.62	24.00

CA_66C Ant 2 Full Power								
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	22.67	24.00
132322	132520	QPSK	1	99	1	0	22.73	24.00
132572	132374	QPSK	1	0	1	99	22.71	24.00

CA_41C Ant 2 Full Power								
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	23.42	24.00
40185	40383	QPSK	1	99	1	0	23.46	24.00
40620	40818	QPSK	1	99	1	0	23.42	24.00
41055	41253	QPSK	1	99	1	0	23.51	24.00
41490	41292	QPSK	1	0	1	99	23.48	24.00

CA_41C HPUE Ant 2 Full Power								
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	25.45	27.00
40185	40383	QPSK	1	99	1	0	25.49	27.00
40620	40818	QPSK	1	99	1	0	25.52	27.00
41055	41253	QPSK	1	99	1	0	25.62	27.00
41490	41292	QPSK	1	0	1	99	25.54	27.00

CA_42C(27Q) Ant 7 Full Power								
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		
42190	42388	QPSK	1	99	1	0	23.17	24.00
42590	42788	QPSK	1	99	1	0	23.23	24.00
42990	43188	QPSK	1	0	1	99	23.21	24.00

CA_42C(96) Ant 7 Full Power								
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		
43190	43388	QPSK	1	99	1	0	23.31	24.00
43340	43538	QPSK	1	99	1	0	23.42	24.00
43490	43688	QPSK	1	0	1	99	23.38	24.00

CA_2C Ant 1 Full Power								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	99	1	0	22.81	24.00
18900	19098	QPSK	1	99	1	0	22.87	24.00
19100	18902	QPSK	1	0	1	99	22.79	24.00

CA_7C Ant 1 Full Power								
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	22.56	24.00
21100	21298	QPSK	1	99	1	0	22.62	24.00
21350	21152	QPSK	1	0	1	99	22.55	24.00

CA_38C Ant 1 Full Power								
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	22.26	24.00
37901	38099	QPSK	1	99	1	0	22.32	24.00
38150	37952	QPSK	1	0	1	99	22.21	24.00

CA_66C Ant 1 Full Power								
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	22.41	24.00
132322	132520	QPSK	1	99	1	0	22.45	24.00
132572	132374	QPSK	1	0	1	99	22.33	24.00

CA_41C Ant 1 Full Power								
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	22.54	24.00



40185	40383	QPSK	1	99	1	0	22.61	24.00
40620	40818	QPSK	1	99	1	0	22.68	24.00
41055	41253	QPSK	1	99	1	0	22.66	24.00
41490	41292	QPSK	1	0	1	99	22.64	24.00

CA_41C HPUE Ant 1 Full Power								
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	25.28	27.00
40185	40383	QPSK	1	99	1	0	25.21	27.00
40620	40818	QPSK	1	99	1	0	25.23	27.00
41055	41253	QPSK	1	99	1	0	25.31	27.00
41490	41292	QPSK	1	0	1	99	25.21	27.00

CA_42C(27Q) Ant 5 Full Power								
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		
42190	42388	QPSK	1	99	1	0	23.14	24.00
42590	42788	QPSK	1	99	1	0	23.2	24.00
42990	43188	QPSK	1	0	1	99	23.18	24.00

CA_42C(96) Ant 5 Full Power								
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		
43190	43388	QPSK	1	99	1	0	23.25	24.00
43340	43538	QPSK	1	99	1	0	23.28	24.00
43490	43688	QPSK	1	0	1	99	23.23	24.00

CA_2C Ant 6 Full Power								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	99	1	0	19.05	20.50
18900	19098	QPSK	1	99	1	0	19.11	20.50
19100	18902	QPSK	1	0	1	99	19.01	20.50

CA_7C Ant 6 Full Power								
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	20.32	22.00
21100	21298	QPSK	1	99	1	0	20.38	22.00
21350	21152	QPSK	1	0	1	99	20.33	22.00

CA_38C Ant 6 Full Power								
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	20.76	22.50
37901	38099	QPSK	1	99	1	0	20.86	22.50
38150	37952	QPSK	1	0	1	99	20.82	22.50

CA_66C Ant 6 Full Power								
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	21.32	22.50
132322	132520	QPSK	1	99	1	0	21.35	22.50
132572	132374	QPSK	1	0	1	99	21.26	22.50

CA_41C Ant 6 Full Power								
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	21.46	22.50
40185	40383	QPSK	1	99	1	0	21.51	22.50
40620	40818	QPSK	1	99	1	0	21.45	22.50
41055	41253	QPSK	1	99	1	0	21.53	22.50
41490	41292	QPSK	1	0	1	99	21.48	22.50

CA_41C HPUE Ant 6 Full Power								
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	23.54	25.00
40185	40383	QPSK	1	99	1	0	23.58	25.00
40620	40818	QPSK	1	99	1	0	23.62	25.00
41055	41253	QPSK	1	99	1	0	23.7	25.00
41490	41292	QPSK	1	0	1	99	23.65	25.00

CA_2C Ant 2 DSI 2								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	99	1	0	22.71	24.00
18900	19098	QPSK	1	99	1	0	22.78	24.00
19100	18902	QPSK	1	0	1	99	22.65	24.00

CA_7C Ant 2 DSI 2								
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	22.6	24.00
21100	21298	QPSK	1	99	1	0	22.66	24.00
21350	21152	QPSK	1	0	1	99	22.56	24.00

CA_38C Ant 2 DSI 2								
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	22.7	24.00
37901	38099	QPSK	1	99	1	0	22.84	24.00
38150	37952	QPSK	1	0	1	99	22.62	24.00

CA_66C Ant 2 DSI 2								
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	22.67	24.00
132322	132520	QPSK	1	99	1	0	22.73	24.00
132572	132374	QPSK	1	0	1	99	22.71	24.00

CA_41C Ant 2 DSI 2								
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	23.42	24.00
40185	40383	QPSK	1	99	1	0	23.46	24.00
40620	40818	QPSK	1	99	1	0	23.42	24.00
41055	41253	QPSK	1	99	1	0	23.51	24.00
41490	41292	QPSK	1	0	1	99	23.48	24.00

CA_41C HPUE Ant 2 DSI 2								
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	25.45	27.00
40185	40383	QPSK	1	99	1	0	25.49	27.00
40620	40818	QPSK	1	99	1	0	25.52	27.00
41055	41253	QPSK	1	99	1	0	25.62	27.00
41490	41292	QPSK	1	0	1	99	25.54	27.00

CA_42C(27Q) Ant 7 DSI 2								
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		
42190	42388	QPSK	1	99	1	0	22.41	24.00
42590	42788	QPSK	1	99	1	0	22.48	24.00
42990	43188	QPSK	1	0	1	99	22.45	24.00

CA_42C(96) Ant 7 DSI 2								
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		
43190	43388	QPSK	1	99	1	0	23.31	24.00
43340	43538	QPSK	1	99	1	0	23.42	24.00
43490	43688	QPSK	1	0	1	99	23.38	24.00

CA_2C Ant 1 DSI 2								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	99	1	0	17.43	18.10
18900	19098	QPSK	1	99	1	0	17.58	18.10
19100	18902	QPSK	1	0	1	99	17.55	18.10

CA_7C Ant 1 DSI 2								
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	18.25	20.20
21100	21298	QPSK	1	99	1	0	18.29	20.20
21350	21152	QPSK	1	0	1	99	18.21	20.20

CA_38C Ant 1 DSI 2								
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	20.56	22.40
37901	38099	QPSK	1	99	1	0	20.61	22.40
38150	37952	QPSK	1	0	1	99	20.58	22.40

CA_66C Ant 1 DSI 2								
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	16.65	17.60
132322	132520	QPSK	1	99	1	0	16.73	17.60
132572	132374	QPSK	1	0	1	99	16.71	17.60

CA_41C Ant 1 DSI 2								
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	20.61	22.40
40185	40383	QPSK	1	99	1	0	20.52	22.40
40620	40818	QPSK	1	99	1	0	20.63	22.40
41055	41253	QPSK	1	99	1	0	20.57	22.40
41490	41292	QPSK	1	0	1	99	20.54	22.40

CA_41C HPUE Ant 1 DSI 2								
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	22.05	24.00
40185	40383	QPSK	1	99	1	0	22.12	24.00
40620	40818	QPSK	1	99	1	0	22.18	24.00
41055	41253	QPSK	1	99	1	0	22.15	24.00
41490	41292	QPSK	1	0	1	99	22.09	24.00

CA_42C(27Q) Ant 5 DSI 2								
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		
42190	42388	QPSK	1	99	1	0	22.05	23.70
42590	42788	QPSK	1	99	1	0	22.11	23.70
42990	43188	QPSK	1	0	1	99	22.09	23.70

CA_42C(96) Ant 5 DSI 2								
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		
43190	43388	QPSK	1	99	1	0	22.86	24.00
43340	43538	QPSK	1	99	1	0	22.91	24.00
43490	43688	QPSK	1	0	1	99	22.87	24.00

CA_2C Ant 6 DSI 2								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	99	1	0	19.05	20.50
18900	19098	QPSK	1	99	1	0	19.11	20.50
19100	18902	QPSK	1	0	1	99	19.01	20.50

CA_7C Ant 6 DSI 2								
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	20.32	22.00
21100	21298	QPSK	1	99	1	0	20.38	22.00
21350	21152	QPSK	1	0	1	99	20.33	22.00

CA_38C Ant 6 DSI 2								
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	20.76	22.50
37901	38099	QPSK	1	99	1	0	20.86	22.50
38150	37952	QPSK	1	0	1	99	20.82	22.50

CA_66C Ant 6 DSI 2								
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	21.32	22.50
132322	132520	QPSK	1	99	1	0	21.35	22.50
132572	132374	QPSK	1	0	1	99	21.26	22.50

CA_41C Ant 6 DSI 2								
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	21.46	22.50
40185	40383	QPSK	1	99	1	0	21.51	22.50
40620	40818	QPSK	1	99	1	0	21.45	22.50
41055	41253	QPSK	1	99	1	0	21.53	22.50
41490	41292	QPSK	1	0	1	99	21.48	22.50

CA_41C HPUE Ant 6 DSI 2								
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	23.54	25.00
40185	40383	QPSK	1	99	1	0	23.58	25.00
40620	40818	QPSK	1	99	1	0	23.62	25.00
41055	41253	QPSK	1	99	1	0	23.7	25.00
41490	41292	QPSK	1	0	1	99	23.65	25.00

CA_2C Ant 2 DSI 3								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	99	1	0	21.25	22.70
18900	19098	QPSK	1	99	1	0	21.36	22.70
19100	18902	QPSK	1	0	1	99	21.31	22.70

CA_7C Ant 2 DSI 3								
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	22.11	22.70
21100	21298	QPSK	1	99	1	0	22.18	22.70
21350	21152	QPSK	1	0	1	99	22.16	22.70

CA_38C Ant 2 DSI 3								
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	21.67	23.00
37901	38099	QPSK	1	99	1	0	21.75	23.00
38150	37952	QPSK	1	0	1	99	21.72	23.00

CA_66C Ant 2 DSI 3								
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	21.05	22.20
132322	132520	QPSK	1	99	1	0	21.13	22.20
132572	132374	QPSK	1	0	1	99	21.11	22.20

CA_41C Ant 2 DSI 3								
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	21.5	23.00
40185	40383	QPSK	1	99	1	0	21.67	23.00
40620	40818	QPSK	1	99	1	0	21.74	23.00
41055	41253	QPSK	1	99	1	0	21.71	23.00
41490	41292	QPSK	1	0	1	99	21.65	23.00

CA_41C HPUE Ant 2 DSI 3								
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	23.15	24.60
40185	40383	QPSK	1	99	1	0	23.11	24.60
40620	40818	QPSK	1	99	1	0	23.18	24.60
41055	41253	QPSK	1	99	1	0	23.09	24.60
41490	41292	QPSK	1	0	1	99	23.12	24.60

CA_42C(27Q) Ant 7 DSI 3								
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		
42190	42388	QPSK	1	99	1	0	20.78	22.30
42590	42788	QPSK	1	99	1	0	20.86	22.30
42990	43188	QPSK	1	0	1	99	20.81	22.30

CA_42C(96) Ant 7 DSI 3								
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		
43190	43388	QPSK	1	99	1	0	20.78	22.50
43340	43538	QPSK	1	99	1	0	20.85	22.50
43490	43688	QPSK	1	0	1	99	20.82	22.50

CA_2C Ant 1 DSI 3								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	99	1	0	16.05	16.40
18900	19098	QPSK	1	99	1	0	16.19	16.40
19100	18902	QPSK	1	0	1	99	16.15	16.40

CA_7C Ant 1 DSI 3								
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	18.34	19.90
21100	21298	QPSK	1	99	1	0	18.41	19.90
21350	21152	QPSK	1	0	1	99	18.38	19.90

CA_38C Ant 1 DSI 3								
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	21.34	21.80
37901	38099	QPSK	1	99	1	0	21.38	21.80
38150	37952	QPSK	1	0	1	99	21.29	21.80

CA_66C Ant 1 DSI 3								
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	16.34	18.20
132322	132520	QPSK	1	99	1	0	16.42	18.20
132572	132374	QPSK	1	0	1	99	16.37	18.20

CA_41C Ant 1 DSI 3								
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	21.34	21.80
40185	40383	QPSK	1	99	1	0	21.31	21.80
40620	40818	QPSK	1	99	1	0	21.45	21.80
41055	41253	QPSK	1	99	1	0	21.43	21.80
41490	41292	QPSK	1	0	1	99	21.39	21.80

CA_41C HPUE Ant 1 DSI 3								
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	22.67	23.40
40185	40383	QPSK	1	99	1	0	22.75	23.40
40620	40818	QPSK	1	99	1	0	22.71	23.40
41055	41253	QPSK	1	99	1	0	22.68	23.40
41490	41292	QPSK	1	0	1	99	22.63	23.40

CA_42C(27Q) Ant 5 DSI 3								
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		
42190	42388	QPSK	1	99	1	0	19.52	21.30
42590	42788	QPSK	1	99	1	0	19.58	21.30
42990	43188	QPSK	1	0	1	99	19.55	21.30

CA_42C(96) Ant 5 DSI 3								
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		
43190	43388	QPSK	1	99	1	0	19.85	21.60
43340	43538	QPSK	1	99	1	0	19.89	21.60
43490	43688	QPSK	1	0	1	99	19.81	21.60

CA_2C Ant 6 DSI 3								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	99	1	0	19.05	20.50
18900	19098	QPSK	1	99	1	0	19.11	20.50
19100	18902	QPSK	1	0	1	99	19.01	20.50

CA_7C Ant 6 DSI 3								
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	20.01	20.30
21100	21298	QPSK	1	99	1	0	20.08	20.30
21350	21152	QPSK	1	0	1	99	20.05	20.30

CA_38C Ant 6 DSI 3								
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	20.76	22.50
37901	38099	QPSK	1	99	1	0	20.86	22.50
38150	37952	QPSK	1	0	1	99	20.82	22.50

CA_66C Ant 6 DSI 3								
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	21.32	22.50
132322	132520	QPSK	1	99	1	0	21.35	22.50
132572	132374	QPSK	1	0	1	99	21.26	22.50

CA_41C Ant 6 DSI 3								
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	21.46	22.50
40185	40383	QPSK	1	99	1	0	21.51	22.50
40620	40818	QPSK	1	99	1	0	21.45	22.50
41055	41253	QPSK	1	99	1	0	21.53	22.50
41490	41292	QPSK	1	0	1	99	21.48	22.50

CA_41C HPUE Ant 6 DSI 3								
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	22.86	24.80
40185	40383	QPSK	1	99	1	0	22.87	24.80
40620	40818	QPSK	1	99	1	0	22.91	24.80
41055	41253	QPSK	1	99	1	0	22.78	24.80
41490	41292	QPSK	1	0	1	99	22.81	24.80

CA_2C Ant 2 DSI 7								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	99	1	0	19.78	20.70
18900	19098	QPSK	1	99	1	0	19.85	20.70
19100	18902	QPSK	1	0	1	99	19.83	20.70

CA_7C Ant 2 DSI 7								
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	19.65	20.90
21100	21298	QPSK	1	99	1	0	19.73	20.90
21350	21152	QPSK	1	0	1	99	19.68	20.90

CA_38C Ant 2 DSI 7								
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	21.08	21.30
37901	38099	QPSK	1	99	1	0	21.15	21.30
38150	37952	QPSK	1	0	1	99	21.13	21.30

CA_66C Ant 2 DSI 7								
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	19.08	20.20
132322	132520	QPSK	1	99	1	0	19.11	20.20
132572	132374	QPSK	1	0	1	99	19.1	20.20

CA_41C Ant 2 DSI 7								
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	21.06	21.30
40185	40383	QPSK	1	99	1	0	21.11	21.30
40620	40818	QPSK	1	99	1	0	21.19	21.30
41055	41253	QPSK	1	99	1	0	21.15	21.30
41490	41292	QPSK	1	0	1	99	21.13	21.30

CA_41C HPUE Ant 2 DSI 7								
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	22.56	22.90
40185	40383	QPSK	1	99	1	0	22.62	22.90
40620	40818	QPSK	1	99	1	0	22.67	22.90
41055	41253	QPSK	1	99	1	0	22.65	22.90
41490	41292	QPSK	1	0	1	99	22.58	22.90

CA_42C(27Q) Ant 7 DSI 7								
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		
42190	42388	QPSK	1	99	1	0	20.78	22.30
42590	42788	QPSK	1	99	1	0	20.86	22.30
42990	43188	QPSK	1	0	1	99	20.81	22.30

CA_42C(96) Ant 7 DSI 7								
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		
43190	43388	QPSK	1	99	1	0	20.78	22.50
43340	43538	QPSK	1	99	1	0	20.85	22.50
43490	43688	QPSK	1	0	1	99	20.82	22.50

CA_2C Ant 1 DSI 7								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	99	1	0	16.05	16.40
18900	19098	QPSK	1	99	1	0	16.19	16.40
19100	18902	QPSK	1	0	1	99	16.15	16.40

CA_7C Ant 1 DSI 7								
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	18.34	19.90
21100	21298	QPSK	1	99	1	0	18.41	19.90
21350	21152	QPSK	1	0	1	99	18.38	19.90

CA_38C Ant 1 DSI 7								
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	21.34	21.80
37901	38099	QPSK	1	99	1	0	21.38	21.80
38150	37952	QPSK	1	0	1	99	21.29	21.80

CA_66C Ant 1 DSI 7								
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	16.34	18.20
132322	132520	QPSK	1	99	1	0	16.42	18.20
132572	132374	QPSK	1	0	1	99	16.37	18.20

CA_41C Ant 1 DSI 7								
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	21.34	21.80
40185	40383	QPSK	1	99	1	0	21.31	21.80
40620	40818	QPSK	1	99	1	0	21.45	21.80
41055	41253	QPSK	1	99	1	0	21.43	21.80
41490	41292	QPSK	1	0	1	99	21.39	21.80

CA_41C HPUE Ant 1 DSI 7								
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	22.67	23.40
40185	40383	QPSK	1	99	1	0	22.75	23.40
40620	40818	QPSK	1	99	1	0	22.71	23.40
41055	41253	QPSK	1	99	1	0	22.68	23.40
41490	41292	QPSK	1	0	1	99	22.63	23.40

CA_42C(27Q) Ant 5 DSI 7								
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		
42190	42388	QPSK	1	99	1	0	19.52	21.30
42590	42788	QPSK	1	99	1	0	19.58	21.30
42990	43188	QPSK	1	0	1	99	19.55	21.30

CA_42C(96) Ant 5 DSI 7								
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		
43190	43388	QPSK	1	99	1	0	19.85	21.60
43340	43538	QPSK	1	99	1	0	19.89	21.60
43490	43688	QPSK	1	0	1	99	19.81	21.60

CA_2C Ant 6 DSI 7								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	99	1	0	19.05	19.90
18900	19098	QPSK	1	99	1	0	19.11	19.90
19100	18902	QPSK	1	0	1	99	19.01	19.90

CA_7C Ant 6 DSI 7								
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	17.86	19.00
21100	21298	QPSK	1	99	1	0	17.95	19.00
21350	21152	QPSK	1	0	1	99	17.93	19.00

CA_38C Ant 6 DSI 7								
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	19.88	21.20
37901	38099	QPSK	1	99	1	0	19.92	21.20
38150	37952	QPSK	1	0	1	99	19.86	21.20

CA_66C Ant 6 DSI 7								
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	18.86	19.90
132322	132520	QPSK	1	99	1	0	18.95	19.90
132572	132374	QPSK	1	0	1	99	18.91	19.90

CA_41C Ant 6 DSI 7								
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	19.91	21.20
40185	40383	QPSK	1	99	1	0	19.93	21.20
40620	40818	QPSK	1	99	1	0	19.99	21.20
41055	41253	QPSK	1	99	1	0	19.85	21.20
41490	41292	QPSK	1	0	1	99	19.89	21.20

CA_41C HPUE Ant 6 DSI 7								
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	21.45	22.80
40185	40383	QPSK	1	99	1	0	21.5	22.80
40620	40818	QPSK	1	99	1	0	21.53	22.80
41055	41253	QPSK	1	99	1	0	21.49	22.80
41490	41292	QPSK	1	0	1	99	21.47	22.80

CA_2C Ant 2 DSI 6								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	99	1	0	22.71	23.70
18900	19098	QPSK	1	99	1	0	22.78	23.70
19100	18902	QPSK	1	0	1	99	22.65	23.70

CA_7C Ant 2 DSI 6								
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	21.11	22.10
21100	21298	QPSK	1	99	1	0	21.18	22.10
21350	21152	QPSK	1	0	1	99	21.15	22.10

CA_38C Ant 2 DSI 6								
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	22.7	24.00
37901	38099	QPSK	1	99	1	0	22.84	24.00
38150	37952	QPSK	1	0	1	99	22.62	24.00

CA_66C Ant 2 DSI 6								
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	22.67	24.00
132322	132520	QPSK	1	99	1	0	22.73	24.00
132572	132374	QPSK	1	0	1	99	22.71	24.00

CA_41C Ant 2 DSI 6								
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	23.42	24.00
40185	40383	QPSK	1	99	1	0	23.46	24.00
40620	40818	QPSK	1	99	1	0	23.42	24.00
41055	41253	QPSK	1	99	1	0	23.51	24.00
41490	41292	QPSK	1	0	1	99	23.48	24.00

CA_41C HPUE Ant 2 DSI 6								
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	25.05	26.20
40185	40383	QPSK	1	99	1	0	25.08	26.20
40620	40818	QPSK	1	99	1	0	25.12	26.20
41055	41253	QPSK	1	99	1	0	25.01	26.20
41490	41292	QPSK	1	0	1	99	25.1	26.20

CA_42C(27Q) Ant 7 DSI 6								
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		
42190	42388	QPSK	1	99	1	0	23.17	24.00
42590	42788	QPSK	1	99	1	0	23.23	24.00
42990	43188	QPSK	1	0	1	99	23.21	24.00

CA_42C(96) Ant 7 DSI 6								
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		
43190	43388	QPSK	1	99	1	0	23.31	24.00
43340	43538	QPSK	1	99	1	0	23.42	24.00
43490	43688	QPSK	1	0	1	99	23.38	24.00

CA_2C Ant 1 DSI 6								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	99	1	0	20.24	21.80
18900	19098	QPSK	1	99	1	0	20.31	21.80
19100	18902	QPSK	1	0	1	99	20.28	21.80

CA_7C Ant 1 DSI 6								
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	21.78	23.50
21100	21298	QPSK	1	99	1	0	21.82	23.50
21350	21152	QPSK	1	0	1	99	21.8	23.50

CA_38C Ant 1 DSI 6								
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	22.26	24.00
37901	38099	QPSK	1	99	1	0	22.32	24.00
38150	37952	QPSK	1	0	1	99	22.21	24.00

CA_66C Ant 1 DSI 6								
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	20.95	22.10
132322	132520	QPSK	1	99	1	0	20.99	22.10
132572	132374	QPSK	1	0	1	99	20.91	22.10

CA_41C Ant 1 DSI 6								
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	22.54	24.00
40185	40383	QPSK	1	99	1	0	22.61	24.00
40620	40818	QPSK	1	99	1	0	22.68	24.00
41055	41253	QPSK	1	99	1	0	22.66	24.00
41490	41292	QPSK	1	0	1	99	22.64	24.00

CA_41C HPUE Ant 1 DSI 6								
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	24.15	25.80
40185	40383	QPSK	1	99	1	0	24.11	25.80
40620	40818	QPSK	1	99	1	0	24.21	25.80
41055	41253	QPSK	1	99	1	0	24.18	25.80
41490	41292	QPSK	1	0	1	99	24.16	25.80

CA_42C(27Q) Ant 5 DSI 6								
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		
42190	42388	QPSK	1	99	1	0	23.14	24.00
42590	42788	QPSK	1	99	1	0	23.2	24.00
42990	43188	QPSK	1	0	1	99	23.18	24.00

CA_42C(96) Ant 5 DSI 6								
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		
43190	43388	QPSK	1	99	1	0	23.25	24.00
43340	43538	QPSK	1	99	1	0	23.28	24.00
43490	43688	QPSK	1	0	1	99	23.23	24.00

CA_2C Ant 6 DSI 6								
Combination 20MHz+20MHz (1RB+99RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	99	1	0	19.05	20.50
18900	19098	QPSK	1	99	1	0	19.11	20.50
19100	18902	QPSK	1	0	1	99	19.01	20.50

CA_7C Ant 6 DSI 6								
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	20.7	21.20
21100	21298	QPSK	1	99	1	0	20.76	21.20
21350	21152	QPSK	1	0	1	99	20.73	21.20

CA_38C Ant 6 DSI 6								
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	20.76	22.50
37901	38099	QPSK	1	99	1	0	20.86	22.50
38150	37952	QPSK	1	0	1	99	20.82	22.50

CA_66C Ant 6 DSI 6								
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	21.32	22.40
132322	132520	QPSK	1	99	1	0	21.35	22.40
132572	132374	QPSK	1	0	1	99	21.26	22.40

CA_41C Ant 6 DSI 6								
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	21.46	22.50
40185	40383	QPSK	1	99	1	0	21.51	22.50
40620	40818	QPSK	1	99	1	0	21.45	22.50
41055	41253	QPSK	1	99	1	0	21.53	22.50
41490	41292	QPSK	1	0	1	99	21.48	22.50

CA_41C HPUE Ant 6 DSI 6								
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	23.54	25.00
40185	40383	QPSK	1	99	1	0	23.58	25.00
40620	40818	QPSK	1	99	1	0	23.62	25.00
41055	41253	QPSK	1	99	1	0	23.7	25.00
41490	41292	QPSK	1	0	1	99	23.65	25.00

CA_n41C Ant 2_Full Power								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	23.09	24.00
516606	528594	BPSK	150	86	0	0	23.36	24.00
524010	535998	BPSK	150	86	0	0	23.11	24.00

CA_n41C Ant 6_Full Power								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	23.23	24.00
516606	528594	BPSK	150	86	0	0	23.23	24.00
524010	535998	BPSK	150	86	0	0	23.17	24.00

CA_n41C Ant 0_Full Power								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	23.24	24.00
516606	528594	BPSK	150	86	0	0	23.33	24.00
524010	535998	BPSK	150	86	0	0	23.25	24.00

CA_n41C Ant 1_Full Power								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	23.19	24.00
516606	528594	BPSK	150	86	0	0	23.24	24.00
524010	535998	BPSK	150	86	0	0	23.20	24.00

CA_n41C_HPUE Ant 2_Full Power								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	26.11	27.00
516606	528594	BPSK	150	86	0	0	26.30	27.00
524010	535998	BPSK	150	86	0	0	26.13	27.00

CA_n41C_HPUE Ant 6_Full Power								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	26.15	27.00
516606	528594	BPSK	150	86	0	0	26.17	27.00
524010	535998	BPSK	150	86	0	0	26.01	27.00

CA_n41C_HPUE Ant 0_Full Power								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	26.20	27.00
516606	528594	BPSK	150	86	0	0	26.15	27.00
524010	535998	BPSK	150	86	0	0	26.22	27.00

CA_n41C_HPUE Ant 1_Full Power								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	26.08	27.00
516606	528594	BPSK	150	86	0	0	26.18	27.00
524010	535998	BPSK	150	86	0	0	26.03	27.00

CA_n41C Ant 2_DSI 2								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	23.09	24.00
516606	528594	BPSK	150	86	0	0	23.36	24.00
524010	535998	BPSK	150	86	0	0	23.11	24.00

CA_n41C Ant 6_DSI 2								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	20.13	20.80
516606	528594	BPSK	150	86	0	0	20.15	20.80
524010	535998	BPSK	150	86	0	0	20.07	20.80

CA_n41C Ant 0_DSI 2								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	23.24	24.00
516606	528594	BPSK	150	86	0	0	23.33	24.00
524010	535998	BPSK	150	86	0	0	23.25	24.00

CA_n41C Ant 1_DSI 2								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	20.19	21.10
516606	528594	BPSK	150	86	0	0	20.24	21.10
524010	535998	BPSK	150	86	0	0	20.20	21.10

CA_n41C_HPUE Ant 2_DSI 2								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	26.11	27.00
516606	528594	BPSK	150	86	0	0	26.30	27.00
524010	535998	BPSK	150	86	0	0	26.13	27.00

CA_n41C_HPUE Ant 6_DSI 2								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	23.05	23.80
516606	528594	BPSK	150	86	0	0	23.11	23.80
524010	535998	BPSK	150	86	0	0	22.91	23.80

CA_n41C_HPUE Ant 0_DSI 2								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	26.20	27.00
516606	528594	BPSK	150	86	0	0	26.25	27.00
524010	535998	BPSK	150	86	0	0	26.22	27.00

CA_n41C_HPUE Ant 1_DSI 2								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	23.08	24.10
516606	528594	BPSK	150	86	0	0	23.18	24.10
524010	535998	BPSK	150	86	0	0	23.03	24.10

CA_n41C Ant 2_DSI 7								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	20.09	21.00
516606	528594	BPSK	150	86	0	0	20.36	21.00
524010	535998	BPSK	150	86	0	0	20.11	21.00

CA_n41C Ant 6_DSI 7								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	18.23	19.00
516606	528594	BPSK	150	86	0	0	18.23	19.00
524010	535998	BPSK	150	86	0	0	18.17	19.00

CA_n41C Ant 0_DSI 7								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	23.24	23.70
516606	528594	BPSK	150	86	0	0	23.33	23.70
524010	535998	BPSK	150	86	0	0	23.25	23.70

CA_n41C Ant 1_DSI 7								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	17.99	19.20
516606	528594	BPSK	150	86	0	0	18.04	19.20
524010	535998	BPSK	150	86	0	0	18.00	19.20

CA_n41C_HPUE Ant 2_DSI 7								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	23.11	24.00
516606	528594	BPSK	150	86	0	0	23.30	24.00
524010	535998	BPSK	150	86	0	0	23.13	24.00

CA_n41C_HPUE Ant 6_DSI 7								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	21.15	22.00
516606	528594	BPSK	150	86	0	0	21.17	22.00
524010	535998	BPSK	150	86	0	0	21.01	22.00

CA_n41C_HPUE Ant 0_DSI 7								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	26.20	26.70
516606	528594	BPSK	150	86	0	0	26.15	26.70
524010	535998	BPSK	150	86	0	0	26.22	26.70

CA_n41C_HPUE Ant 1_DSI 7								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	20.88	22.20
516606	528594	BPSK	150	86	0	0	20.98	22.20
524010	535998	BPSK	150	86	0	0	20.83	22.20

CA_n41C Ant 2_DSI 3								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	21.09	22.30
516606	528594	BPSK	150	86	0	0	21.36	22.30
524010	535998	BPSK	150	86	0	0	21.11	22.30

CA_n41C Ant 6_DSI 3								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	19.23	20.00
516606	528594	BPSK	150	86	0	0	19.23	20.00
524010	535998	BPSK	150	86	0	0	19.17	20.00

CA_n41C Ant 0_DSI 3								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	23.24	24.00
516606	528594	BPSK	150	86	0	0	23.33	24.00
524010	535998	BPSK	150	86	0	0	23.25	24.00

CA_n41C Ant 1_DSI 3								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	18.19	19.20
516606	528594	BPSK	150	86	0	0	18.24	19.20
524010	535998	BPSK	150	86	0	0	18.20	19.20

CA_n41C_HPUE Ant 2_DSI 3								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	24.11	25.30
516606	528594	BPSK	150	86	0	0	24.30	25.30
524010	535998	BPSK	150	86	0	0	24.13	25.30

CA_n41C_HPUE Ant 6_DSI 3								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	22.15	23.00
516606	528594	BPSK	150	86	0	0	22.17	23.00
524010	535998	BPSK	150	86	0	0	22.01	23.00

CA_n41C_HPUE Ant 0_DSI 3								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	26.20	27.00
516606	528594	BPSK	150	86	0	0	26.15	27.00
524010	535998	BPSK	150	86	0	0	26.22	27.00

CA_n41C_HPUE Ant 1_DSI 3								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	21.08	22.20
516606	528594	BPSK	150	86	0	0	21.18	22.20
524010	535998	BPSK	150	86	0	0	21.03	22.20

CA_n41C Ant 2_DSI 6								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	22.19	23.30
516606	528594	BPSK	150	86	0	0	22.46	23.30
524010	535998	BPSK	150	86	0	0	22.21	23.30

CA_n41C Ant 6_DSI 6								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	20.73	21.50
516606	528594	BPSK	150	86	0	0	20.73	21.50
524010	535998	BPSK	150	86	0	0	20.67	21.50

CA_n41C Ant 0_DSI 6								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	23.24	24.00
516606	528594	BPSK	150	86	0	0	23.33	24.00
524010	535998	BPSK	150	86	0	0	23.25	24.00

CA_n41C Ant 1_DSI 6								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	21.89	22.80
516606	528594	BPSK	150	86	0	0	21.94	22.80
524010	535998	BPSK	150	86	0	0	21.90	22.80

CA_n41C_HPUE Ant 2_DSI 6								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	25.21	26.30
516606	528594	BPSK	150	86	0	0	25.40	26.30
524010	535998	BPSK	150	86	0	0	25.23	26.30

CA_n41C_HPUE Ant 6_DSI 6								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	23.65	24.50
516606	528594	BPSK	150	86	0	0	23.67	24.50
524010	535998	BPSK	150	86	0	0	23.51	24.50

CA_n41C_HPUE Ant 0_DSI 6								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	26.20	27.00
516606	528594	BPSK	150	86	0	0	26.15	27.00
524010	535998	BPSK	150	86	0	0	26.22	27.00

CA_n41C_HPUE Ant 1_DSI 6								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	24.78	25.80
516606	528594	BPSK	150	86	0	0	24.88	25.80
524010	535998	BPSK	150	86	0	0	24.73	25.80

CA_n41C Ant 2_DSI 4								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	23.09	24.00
516606	528594	BPSK	150	86	0	0	23.36	24.00
524010	535998	BPSK	150	86	0	0	23.11	24.00

CA_n41C Ant 6_DSI 4								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	23.23	24.00
516606	528594	BPSK	150	86	0	0	23.23	24.00
524010	535998	BPSK	150	86	0	0	23.17	24.00

CA_n41C Ant 0_DSI 4								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	23.24	24.00
516606	528594	BPSK	150	86	0	0	23.33	24.00
524010	535998	BPSK	150	86	0	0	23.25	24.00

CA_n41C Ant 1_DSI 4								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	23.19	24.00
516606	528594	BPSK	150	86	0	0	23.24	24.00
524010	535998	BPSK	150	86	0	0	23.20	24.00

CA_n41C_HPUE Ant 2_DSI 4								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	26.11	27.00
516606	528594	BPSK	150	86	0	0	26.30	27.00
524010	535998	BPSK	150	86	0	0	26.13	27.00

CA_n41C_HPUE Ant 6_DSI 4								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	26.15	27.00
516606	528594	BPSK	150	86	0	0	26.17	27.00
524010	535998	BPSK	150	86	0	0	26.01	27.00

CA_n41C_HPUE Ant 0_DSI 4								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	26.20	27.00
516606	528594	BPSK	150	86	0	0	26.15	27.00
524010	535998	BPSK	150	86	0	0	26.22	27.00



CA_n41C_HPUE Ant 1_DSI 4								
Combination 100MHz+20MHz (273RB+51RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB Offset	RB Size	RB Offset		
509202	521190	BPSK	150	86	0	0	26.08	27.00
516606	528594	BPSK	150	86	0	0	26.18	27.00
524010	535998	BPSK	150	86	0	0	26.03	27.00