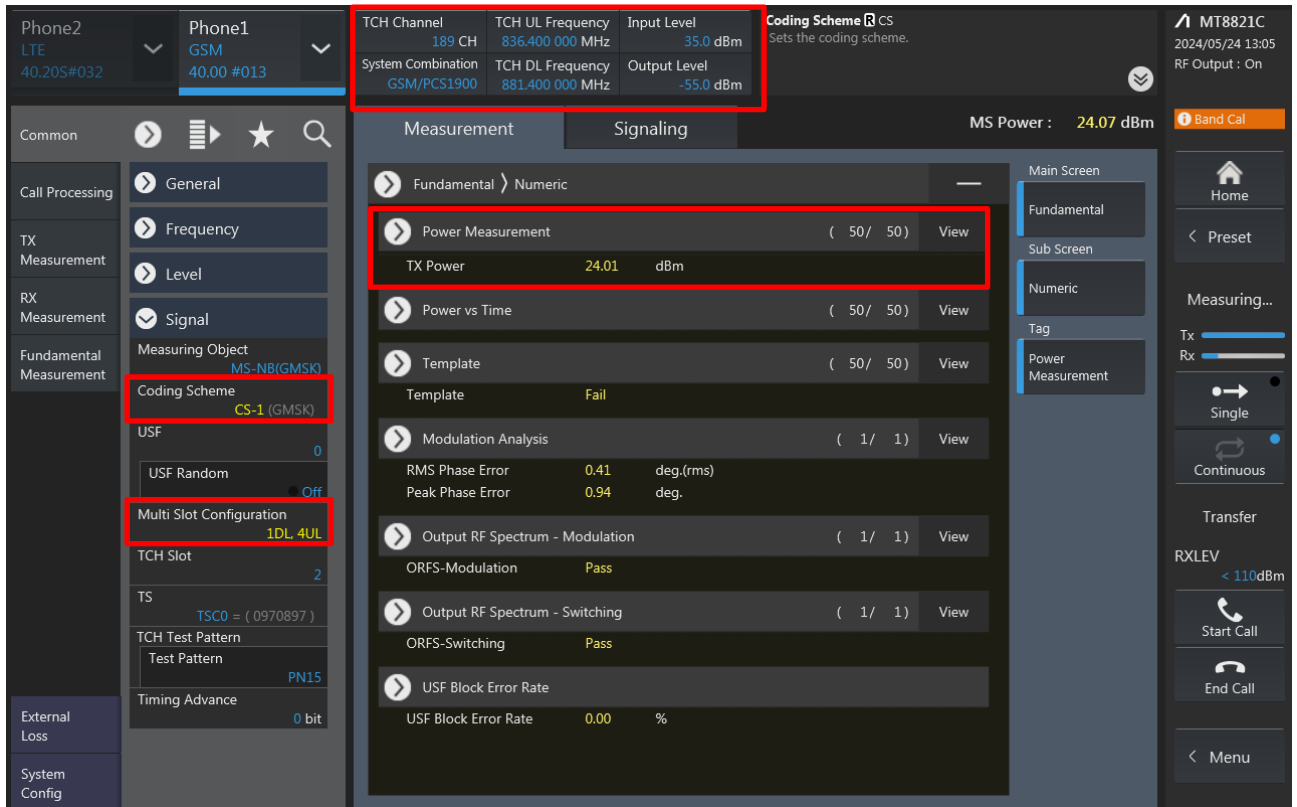


Power measurement connection diagram:

The power measurement for 2G/3G/LTE/5G FR1/UL and DL CA is to establish a connection between device and call box, and via call box to configure Bands, channel, BWs, RB size, carrier aggregation of CA, frequency channels, SCS and maximum output power. Hereunder is screenshot call box connection information for 2G/3G/LTE/5G FR1/UL and DL CA.

<GSM>



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

- Top Bar:** Shows 'Phone2 LTE 40.205#032' and 'Phone1 GSM 40.00 #013'. A table provides channel and frequency details:

TCH Channel	189 CH	TCH UL Frequency	836.400 000 MHz	Input Level	35.0 dBm
System Combination	GSM/PCS1900	TCH DL Frequency	881.400 000 MHz	Output Level	-55.0 dBm
- Left Panel:** A menu for 'Fundamental Measurement' with 'Coding Scheme' set to 'CS-1 (GMSK)' and 'Multi Slot Configuration' set to '1DL, 4UL'.
- Measurement Section:** Shows 'MS Power : 24.07 dBm'. Under the 'Power Measurement' tab, the 'TX Power' is 24.01 dBm. Other metrics include 'RMS Phase Error' (0.41 deg.(rms)), 'Peak Phase Error' (0.94 deg.), and 'USF Block Error Rate' (0.00 %).
- Right Panel:** Includes a 'Band Cal' button, a 'Main Screen' menu, and a 'Call' control panel with 'Start Call' and 'End Call' buttons.

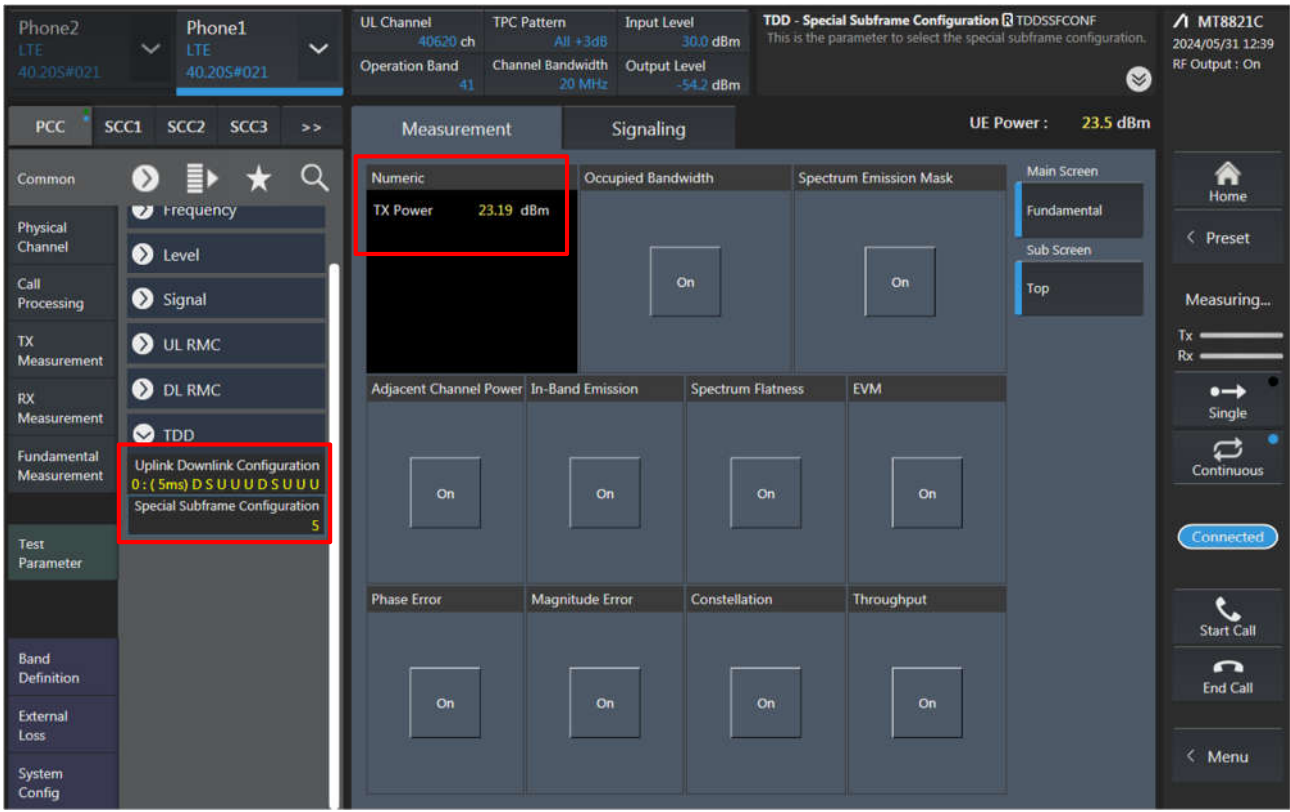
<WCDMA>

The screenshot displays the WCDMA measurement interface. At the top, it shows two phone configurations: Phone2 (LTE, 40.20S#032) and Phone1 (W-CDMA, 40.00 #013). The main measurement area is divided into 'Measurement' and 'Signaling' tabs. Under 'Measurement', the 'Fundamental' section is active, showing 'Power Measurement' with a value of 23.28 dBm. Other metrics include Frequency Error (-0.0002 kHz), Occupied Bandwidth (4.163 MHz), and Adjacent Channel Power (ACLR(-5MHz) at -40.24 dB and ACLR(+5MHz) at -42.79 dB). The 'Signaling' section shows Modulation Analysis (EVM at 5.15 %) and Peak Code Domain Error (PCDE at -39.86 dB). On the left sidebar, 'Power Control' is set to 'All 1'. At the top right, 'Average Count' for PWR_AVG is shown as 50/50.

<LTE>

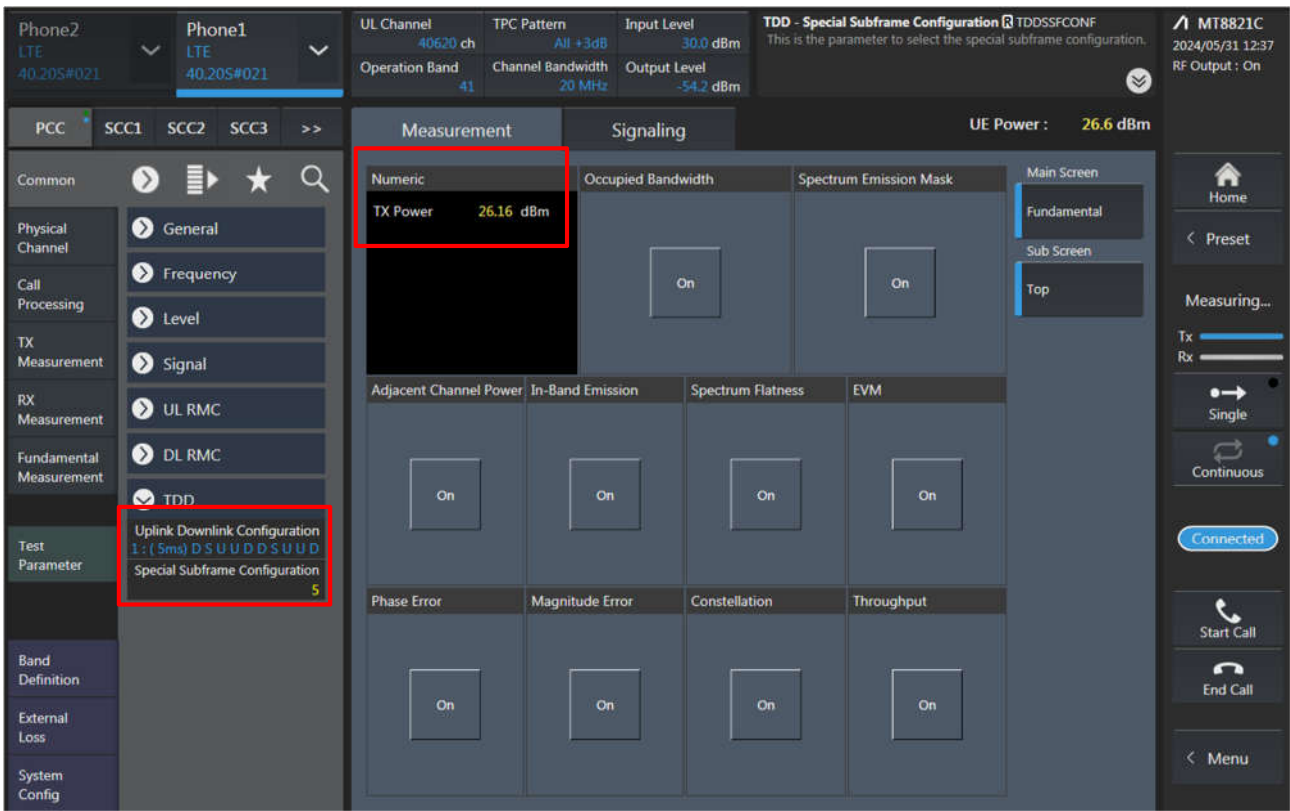
The screenshot displays the LTE measurement interface. It shows two phone configurations: Phone2 (LTE, 40.20S#021) and Phone1 (LTE, 40.20S#021). The main measurement area is divided into 'Measurement' and 'Signaling' tabs. Under 'Measurement', the 'Numeric' section is active, showing 'TX Power' at 23.01 dBm. Other metrics include Occupied Bandwidth, Spectrum Emission Mask, Adjacent Channel Power, In-Band Emission, Spectrum Flatness, EVM, Phase Error, Magnitude Error, Constellation, and Throughput. The 'Signaling' section shows 'External Loss - Main DL' (DLEXTLOSS) at 30.0 dBm and 'Output Level' at -67.0 dBm. On the left sidebar, 'Uplink Downlink Configuration 1' is set to '(5ms) D S U U D D S U U D' and 'Special Subframe Configuration' is set to 4. At the top right, 'UE Power' is 23.4 dBm and the status is 'Connected'.

<LTE TDD Power class 3>



The screenshot shows the LTE TDD Power class 3 configuration interface. The top status bar displays 'Phone2 LTE 40.20S#021' and 'Phone1 LTE 40.20S#021'. The 'UL Channel' is 40620 ch, 'Operation Band' is 41, 'TPC Pattern' is All +3dB, 'Channel Bandwidth' is 20 MHz, 'Input Level' is 30.0 dBm, and 'Output Level' is -54.2 dBm. The 'TDD - Special Subframe Configuration' is set to TDDSSFCONF. The 'UE Power' is 23.5 dBm. The 'Measurement' section shows 'TX Power' at 23.19 dBm. The 'Signaling' section shows 'Occupied Bandwidth' and 'Spectrum Emission Mask' both set to 'On'. The 'Fundamental Measurement' section shows 'Uplink Downlink Configuration 0: (5ms) D S U U U D S U U U' and 'Special Subframe Configuration 5'. The 'Test Parameter' section shows 'TDD' selected. The 'Band Definition' section shows 'External Loss' and 'System Config'.

<LTE TDD Power class 2>



The screenshot shows the LTE TDD Power class 2 configuration interface. The top status bar displays 'Phone2 LTE 40.20S#021' and 'Phone1 LTE 40.20S#021'. The 'UL Channel' is 40620 ch, 'Operation Band' is 41, 'TPC Pattern' is All +3dB, 'Channel Bandwidth' is 20 MHz, 'Input Level' is 30.0 dBm, and 'Output Level' is -54.2 dBm. The 'TDD - Special Subframe Configuration' is set to TDDSSFCONF. The 'UE Power' is 26.6 dBm. The 'Measurement' section shows 'TX Power' at 26.16 dBm. The 'Signaling' section shows 'Occupied Bandwidth' and 'Spectrum Emission Mask' both set to 'On'. The 'Fundamental Measurement' section shows 'Uplink Downlink Configuration 1: (5ms) D S U U D D S U U U' and 'Special Subframe Configuration 5'. The 'Test Parameter' section shows 'TDD' selected. The 'Band Definition' section shows 'External Loss' and 'System Config'.

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

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

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

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

UE Power: 25.4 dBm

Measurement | Signaling

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, MCS Index: 5 QPSK 5 72 8

<5G NR FR1>

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

DL Center Channel: 126900 | TPC Pattern: All +3dB | Input Level: 26.5 dBm
 Operation Band: 71 | DL Channel Bandwidth: 20MHz | Output Level: -40.0 dBm

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

UE Power: 26.0 dBm

Measurement | Signaling

Numeric
 Tx Power: 25.88 dBm
 OBW: 18.787 MHz
 ACLR(-): -53.74 dB
 ACLR(+): -55.90 dB

Occupied Bandwidth: OBW 18.787 MHz

Adjacent Channel Power

Modulation: PI/2 BPSK

EVM, Phase Error, Magnitude Error, Constellation: On



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

Power Measurement - Count PWR_AVG

DL Center Channel 126900 TPC Pattern All +3dB Input Level 26.5 dBm
Operation Band 71 DL Channel Bandwidth 20MHz Output Level -40.0 dBm

UE Power : 26.0 dBm

Measurement

Numeric	
Tx Power	25.83 dBm
OBW	18.787 MHz
ACLR(-)	-53.70 dB
ACLR(+)	-55.93 dB

Occupied Bandwidth

OBW 18.787 MHz

Adjacent Channel Power

In-Band Emission

Spectrum Flatness

EVM

Phase Error

Magnitude Error

Constellation

Common

- Level / Freq Cell
- Level / Freq Routing / ARB
- Physical Channel
- Call Processing
- Tx Measurement
- Rx Measurement
- OTA Position
- Fundamental Measurement
- Test Parameter
- External Loss
- System Config

Cell

- N_TAoffset
- DL Subcarrier Spacing(data) 15kHz
- UL Subcarrier Spacing(data) 15kHz
- BW Setting Mode
- DL Channel Bandwidth 20MHz
- UL Channel Bandwidth 20MHz
- DL Number of Additional BWP 0
- UL Number of Additional BWP 0
- BWP1 25 0 25 0
- BWP2 25 0 25 0
- BWP3 25 0 25 0
- BWP4 25 0 25 0
- BWP Switch Delay Type Type2
- BWP Configuration Option Option2
- Active DL BWP 0
- Active UL BWP

MT8000A 2024/05/24 14:12

Ref. Int

Home

Preset

Measuring...

Tx

Rx

Single

Continuous

NR Connected

Start Call

End Call

Menu

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

Power Measurement - Count PWR_AVG

DL Center Channel 126900 TPC Pattern All +3dB Input Level 26.5 dBm
Operation Band 71 DL Channel Bandwidth 20MHz Output Level -40.0 dBm

UE Power : 25.9 dBm

Measurement

Numeric	
Tx Power	25.84 dBm
OBW	18.787 MHz
ACLR(-)	-53.57 dB
ACLR(+)	-55.98 dB

Occupied Bandwidth

OBW 18.787 MHz

Adjacent Channel Power

In-Band Emission

Spectrum Flatness

EVM

Phase Error

Magnitude Error

Constellation

Common

- Level / Freq Cell
- Level / Freq Routing / ARB
- Physical Channel
- Call Processing
- Tx Measurement
- Rx Measurement
- OTA Position
- Fundamental Measurement
- Test Parameter
- External Loss
- System Config

Frequency

- Offset To Carrier 504
- PointA Channel 116048
- PointA Frequency 580.240 000 MHz
- Center Channel 136100
- Center Frequency 680.500 000 MHz
- 7.5 kHz Frequency Shift Off
- DL
- Offset To Carrier 102
- PointA Channel 121320
- PointA Frequency 606.600 000 MHz
- Center Channel 126900
- Center Frequency 634.500 000 MHz
- Absolute Frequency SSB 125550
- SSB Frequency 627.750 000 MHz
- Channel Setting Mode Lowest GSCN
- Operation Band 71

MT8000A 2024/05/24 14:12

Ref. Int

Home

Preset

Measuring...

Tx

Rx

Single

Continuous

NR Connected

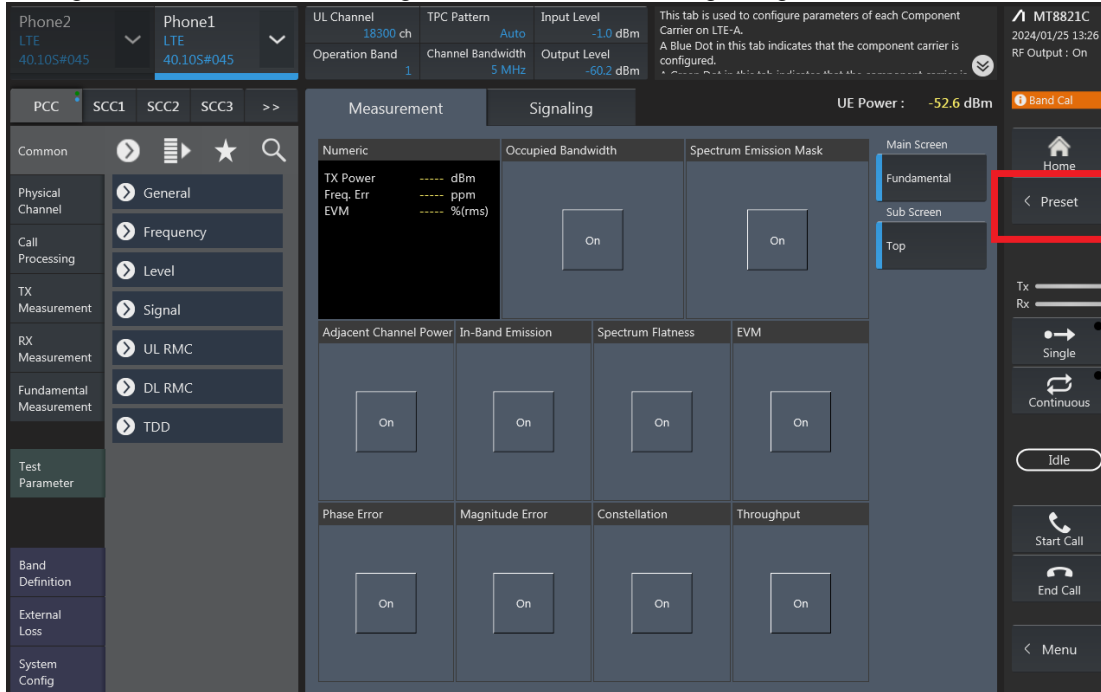
Start Call

End Call

Menu

LTE Uplink and Downlink Carrier Aggregation configurations:

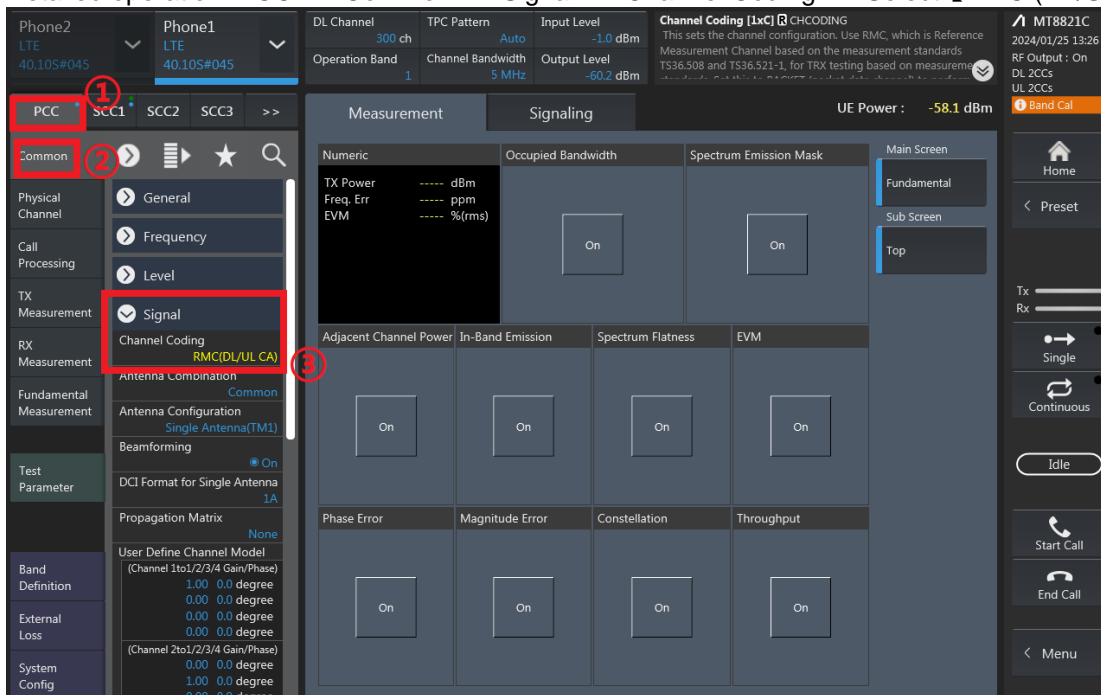
1. Change the Scenario in the Configuration of Phone1 LTE Signaling and Preset.



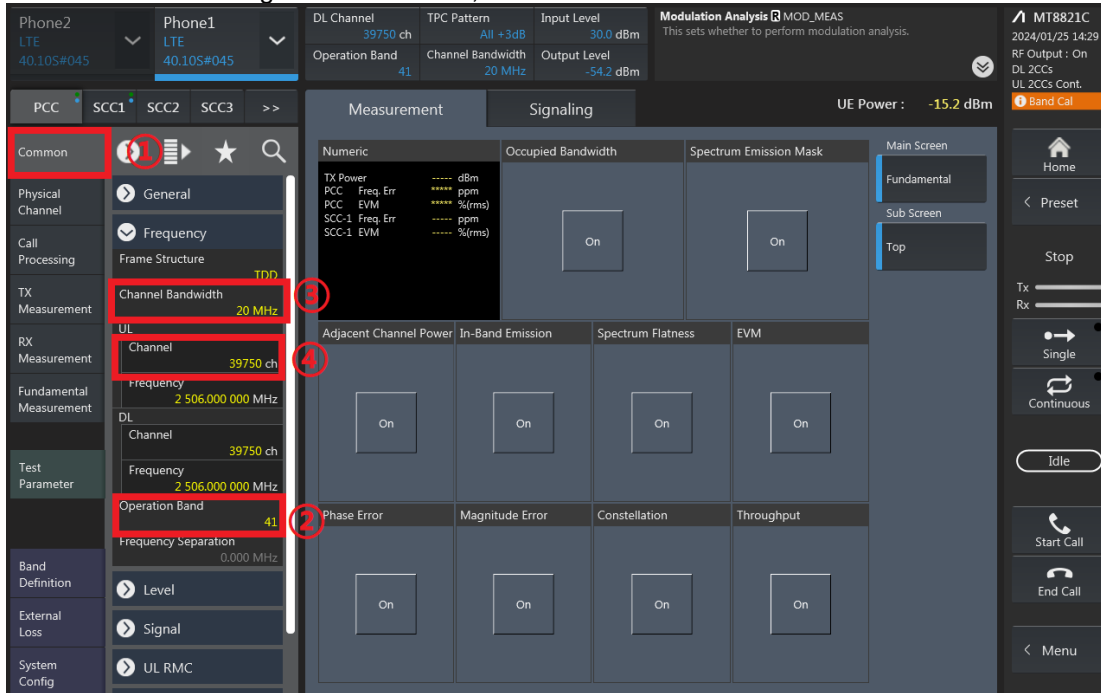
2. If Select "RMC (DL/UL CA)" for Uplink Carrier Aggregation;
If Select "RMC (DL CA)" for Downlink Carrier Aggregation.

For example, Uplink Carrier Aggregation:

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



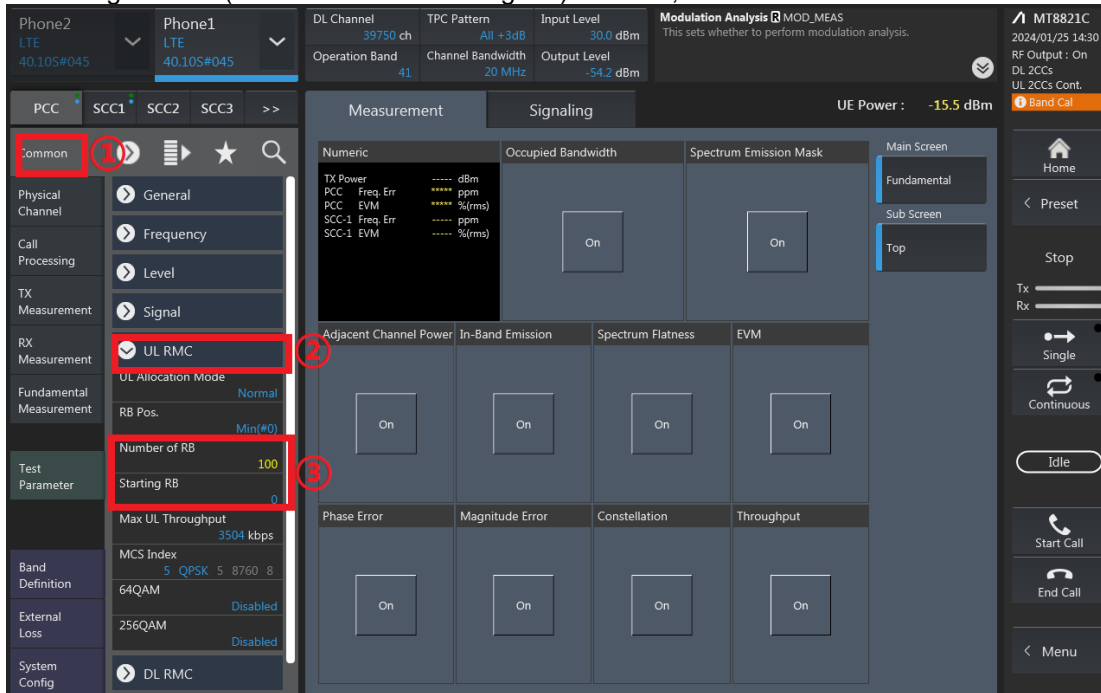
3. PCC parameter Settings: on the screen, and then select the PCC tab and Set operating band, BW, channel and RB configurations for PCC;



The screenshot shows the PCC parameter settings interface. The left sidebar contains various configuration tabs, and the main display area shows measurement and signaling options. Red boxes and numbers 1-4 highlight specific settings:

- 1. Common tab
- 2. Operation Band (41)
- 3. Channel Bandwidth (20 MHz)
- 4. Channel (39750 ch)

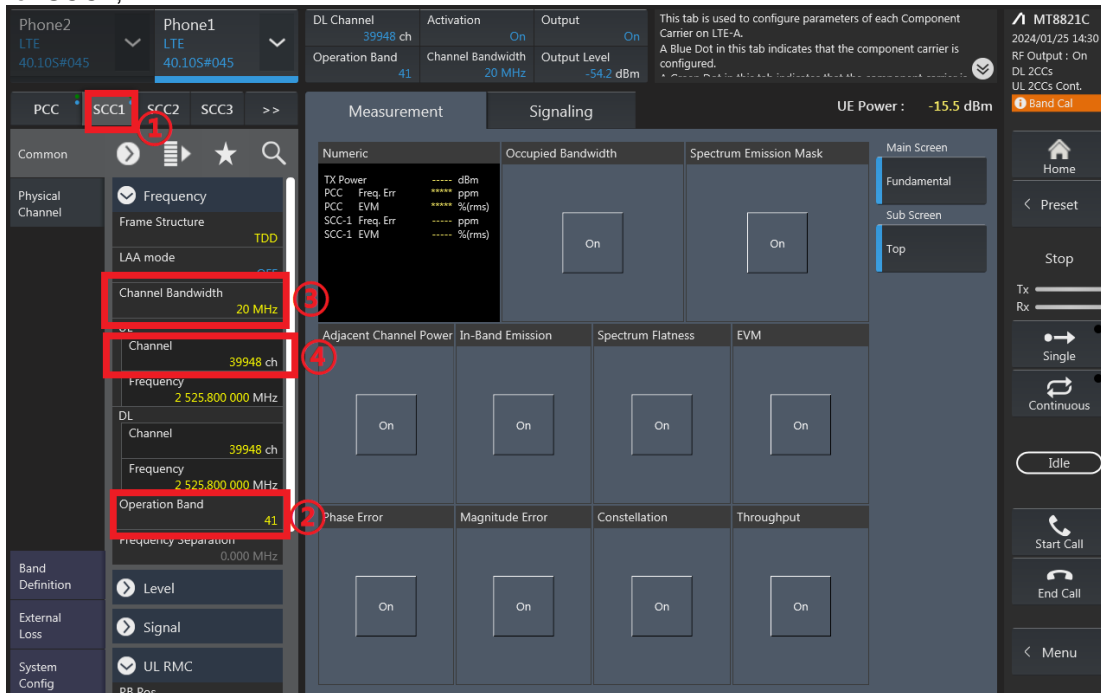
RB configurations (Number of RB / Starting RB) for PCC;



The screenshot shows the RB configurations interface. The left sidebar contains various configuration tabs, and the main display area shows measurement and signaling options. Red boxes and numbers 1-3 highlight specific settings:

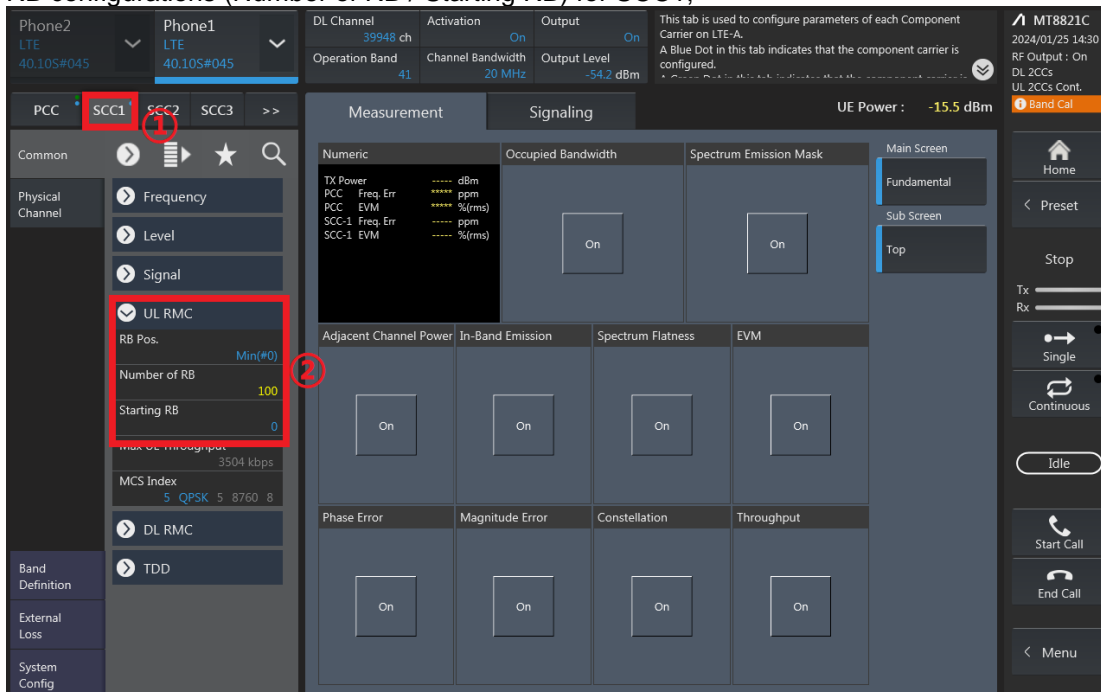
- 1. UL RMC
- 2. UL RMC (checked)
- 3. Number of RB (100)

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



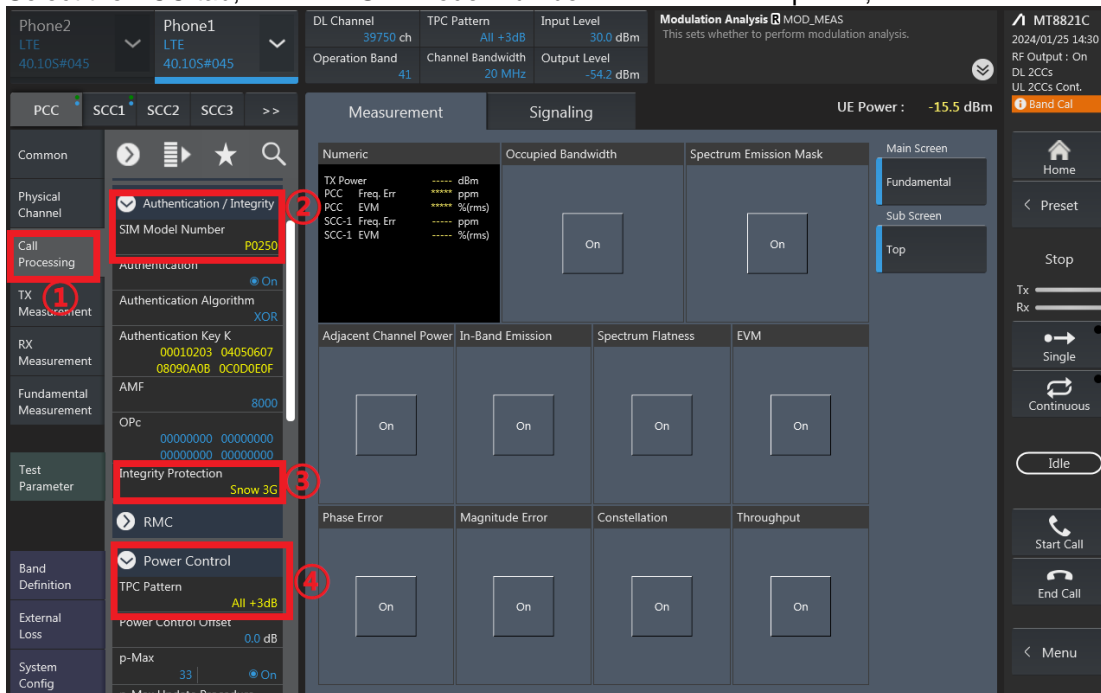
The screenshot shows the SCC1 configuration screen. The 'DL Channel' is set to 39948 ch, 'Operation Band' is 41, 'Channel Bandwidth' is 20 MHz, and 'Channel' is 39948 ch. The 'UE Power' is -15.5 dBm. The interface includes tabs for Measurement and Signaling, and various measurement metrics like TX Power, Occupied Bandwidth, and Spectrum Emission Mask.

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

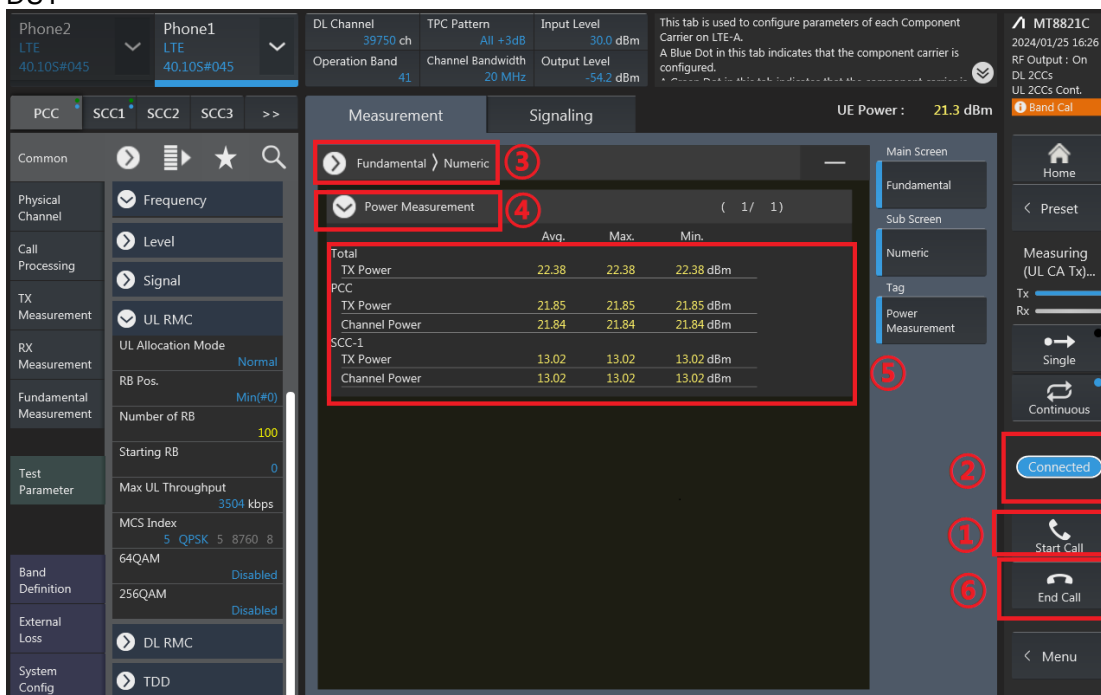


The screenshot shows the RB configuration section under UL RMC. The 'Number of RB' is set to 100 and 'Starting RB' is set to 0. The interface also shows other parameters like DL RMC and TDD.

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
PCC Channel Power	21.84	21.84	21.84 dBm
SCC-1 TX Power	13.02	13.02	13.02 dBm
SCC-1 Channel Power	13.02	13.02	13.02 dBm

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



DL CA Power

2CA DL

CA List	PCC									SCC					Power	
	LTE	BW	BW	UL	UL		UL#	UL	DL Antenna	LTE	BW	DL	DL	DL Antenna	With CA	Without CA
	Band	Ant	Freq (MHz)	Channel	Mod.	RB	RB Offset	Configuratio n	Band	(MHz)	Freq (MHz)	Channel	Configuratio n	Tx. Power (dBm)	Tx. Power (dBm)	
CA_26A-41A	Band 26	Ant0	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	22.41	22.53
	Band 26	Ant4	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	22.15	22.30
CA_2A-26A	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 26	15M	876.5	8865		22.12	22.23
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 26	15M	876.5	8865		21.41	21.49
	Band 26	Ant0	15M	831.5	26865	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	22.41	22.53
	Band 26	Ant4	15M	831.5	26865	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	22.15	22.30
CA_2A-38A	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	22.12	22.23
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	21.41	21.49
	Band 38	Ant1	20M	2595	38000	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.40	22.50
	Band 38	Ant4	20M	2595	38000	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.39	21.52
CA_2C	Band 2	Ant1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	22.12	22.23
	Band 2	Ant4	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	21.41	21.49
CA_38C	Band 38	Ant1	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	22.27	22.39
	Band 38	Ant4	20M	2580	37850	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	21.38	21.47
CA_41A-42A	Band 41	Ant1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	22.44	22.52
	Band 41	Ant4	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	21.53	21.63
	Band 42	Ant3	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	22.18	22.36
CA_41C	Band 41	Ant1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	22.44	22.52
	Band 41	Ant4	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	21.53	21.63
CA_66B	Band 66	Ant1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2154.3	66879	4x4MIMO	22.19	22.35
	Band 66	Ant4	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2154.3	66879	4x4MIMO	21.66	21.75
CA_66C	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	22.31	22.39
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	21.60	21.78
CA_7B	Band 7	Ant1	15M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2544.3	3193	4x4MIMO	22.14	22.23
	Band 7	Ant4	15M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2544.3	3193	4x4MIMO	21.43	21.61



3CA DL

3CA List	PCC											SCC1				SCC2				Power	
	LTE	BW	BW	UL	UL	UL#	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA
	Band	Ant	(MHz)	Freq.	Channel	Mod.	RB	RB Offset	DL Antenna Configuration	Band	(MHz)	Freq.	Channel	DL Antenna Configuration	Band	(MHz)	Freq.	Channel	DL Antenna Configuration	Tx Power (dBm)	Rx Power (dBm)
CA_2A-2A-4A	Band 2	An1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	22.12	22.23
	Band 2	An2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	21.41	21.49
	Band 4	An1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.22	22.35



CA_5A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625		Band 66	20M	2155	66886	4x4MIMO	22.28	22.42	
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 5	5M	891.5	2625		Band 66	20M	2155	66886	4x4MIMO	21.99	22.12	
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	891.5	2625			22.31	22.39
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	891.5	2625			21.60	21.78
CA_5A-66A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.28	22.42	
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	21.99	22.12	
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525			22.31	22.39
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525			21.60	21.78
CA_5A-7A-66A	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.28	22.42	
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	21.99	22.12	
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 5	10M	881.5	2525			22.13	22.27
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 5	10M	881.5	2525			21.51	21.62
CA_5A-7C	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 7	20M	2655	3100	4x4MIMO	22.31	22.39	
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 7	20M	2655	3100	4x4MIMO	21.60	21.78	
	Band 5	Ant0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.28	22.42	
	Band 5	Ant4	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	21.99	22.12	
CA_7C-66A	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 5	10M	881.5	2525			22.13	22.27
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 5	10M	881.5	2525			21.51	21.62
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.13	22.27	
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	21.51	21.62	
CA_7A-26A-66A	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	22.13	22.27	
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 7	20M	2554.8	3298	4x4MIMO	21.60	21.78	
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 26	5M	876.5	8865		Band 66	20M	2155	66886	4x4MIMO	22.13	22.27	
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 26	5M	876.5	8865		Band 66	20M	2155	66886	4x4MIMO	21.51	21.62	
CA_7A-38A-66A	Band 26	Ant0	5M	831.5	28865	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.32	22.48	
	Band 26	Ant4	5M	831.5	28865	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.09	22.21	
	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 26	5M	876.5	8865			22.31	22.39
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 26	5M	876.5	8865			21.60	21.78
CA_7A-38A-66A	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.13	22.27	
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	21.51	21.62	
	Band 38	Ant1	20M	2595	38000	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.40	22.50	
	Band 38	Ant4	20M	2595	38000	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	21.39	21.52	
CA_7A-38A-66A	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	22.31	22.39	
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	Band 38	20M	2599.8	38048	4x4MIMO	21.60	21.78	
	Band 7	Ant1	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.13	22.27	
	Band 7	Ant4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	21.51	21.62	
CA_7A-38A-66A	Band 66	Ant1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.31	22.39	
	Band 66	Ant4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	21.60	21.78	

UL CA Power

Full&Default Power Mode

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	22.10	24.00
21100	21298	QPSK	1	99	1	0	22.12	24.00
21350	21152	QPSK	1	0	1	99	22.06	24.00

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	22.39	24.00
37901	38099	QPSK	1	99	1	0	22.45	24.00
38150	37952	QPSK	1	0	1	99	22.31	24.00

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	21.37	23.00
21100	21298	QPSK	1	99	1	0	21.54	23.00
21350	21152	QPSK	1	0	1	99	21.50	23.00

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	21.34	23.00
37901	38099	QPSK	1	99	1	0	21.46	23.00
38150	37952	QPSK	1	0	1	99	21.36	23.00



CA_41C 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				
39750	39948	QPSK	1	99	1	0	22.43	24.00		
40185	40383	QPSK	1	99	1	0	22.36	24.00		
40620	40818	QPSK	1	99	1	0	22.47	24.00		
41055	41253	QPSK	1	99	1	0	22.34	24.00		
41490	41292	QPSK	1	0	1	99	22.45	24.00		

CA_41C HPUE 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				
39750	39948	QPSK	1	99	1	0	25.42	27.00		
40185	40383	QPSK	1	99	1	0	25.32	27.00		
40620	40818	QPSK	1	99	1	0	25.52	27.00		
41055	41253	QPSK	1	99	1	0	25.44	27.00		
41490	41292	QPSK	1	0	1	99	25.37	27.00		

CA_41C 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				
39750	39948	QPSK	1	99	1	0	21.44	23.00		
40185	40383	QPSK	1	99	1	0	21.53	23.00		
40620	40818	QPSK	1	99	1	0	21.57	23.00		
41055	41253	QPSK	1	99	1	0	21.52	23.00		
41490	41292	QPSK	1	0	1	99	21.46	23.00		

CA_41C HPUE 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				
39750	39948	QPSK	1	99	1	0	24.44	26.00		
40185	40383	QPSK	1	99	1	0	24.43	26.00		
40620	40818	QPSK	1	99	1	0	24.61	26.00		
41055	41253	QPSK	1	99	1	0	24.52	26.00		
41490	41292	QPSK	1	0	1	99	24.52	26.00		



CA_42C Ant 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	22.16	24.00
42590	42788	QPSK	1	99	1	0	22.24	24.00
42990	42792	QPSK	1	0	1	99	22.13	24.00

Reduced Power Mode for ECI 2

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	22.10	24.00
21100	21298	QPSK	1	99	1	0	22.12	24.00
21350	21152	QPSK	1	0	1	99	22.06	24.00

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	22.39	24.00
37901	38099	QPSK	1	99	1	0	22.45	24.00
38150	37952	QPSK	1	0	1	99	22.31	24.00

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	17.88	18.90
21100	21298	QPSK	1	99	1	0	17.95	18.90
21350	21152	QPSK	1	0	1	99	17.84	18.90

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	18.33	19.70
37901	38099	QPSK	1	99	1	0	18.48	19.70
38150	37952	QPSK	1	0	1	99	18.26	19.70



CA_41C 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		
39750	39948	QPSK	1	99	1	0	22.43	24.00
40185	40383	QPSK	1	99	1	0	22.36	24.00
40620	40818	QPSK	1	99	1	0	22.47	24.00
41055	41253	QPSK	1	99	1	0	22.34	24.00
41490	41292	QPSK	1	0	1	99	22.45	24.00

CA_41C HPUE 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		
39750	39948	QPSK	1	99	1	0	25.42	27.00
40185	40383	QPSK	1	99	1	0	25.32	27.00
40620	40818	QPSK	1	99	1	0	25.52	27.00
41055	41253	QPSK	1	99	1	0	25.44	27.00
41490	41292	QPSK	1	0	1	99	25.37	27.00

CA_41C 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		
39750	39948	QPSK	1	99	1	0	18.46	19.70
40185	40383	QPSK	1	99	1	0	18.42	19.70
40620	40818	QPSK	1	99	1	0	18.55	19.70
41055	41253	QPSK	1	99	1	0	18.44	19.70
41490	41292	QPSK	1	0	1	99	18.38	19.70

CA_41C HPUE 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		
39750	39948	QPSK	1	99	1	0	19.99	21.30
40185	40383	QPSK	1	99	1	0	20.04	21.30
40620	40818	QPSK	1	99	1	0	20.10	21.30
41055	41253	QPSK	1	99	1	0	20.01	21.30
41490	41292	QPSK	1	0	1	99	20.06	21.30



CA_42C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offse	RB Size	RB offse		
42190	42388	QPSK	1	99	1	0	14.82	16.00
42590	42788	QPSK	1	99	1	0	14.85	16.00
42990	42792	QPSK	1	0	1	99	14.74	16.00

Reduced Power Mode for ECI 3

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	20.53	21.60
21100	21298	QPSK	1	99	1	0	20.64	21.60
21350	21152	QPSK	1	0	1	99	20.54	21.60

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	21.32	22.80
37901	38099	QPSK	1	99	1	0	21.38	22.80
38150	37952	QPSK	1	0	1	99	21.27	22.80

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	16.85	18.10
21100	21298	QPSK	1	99	1	0	17.03	18.10
21350	21152	QPSK	1	0	1	99	16.93	18.10

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	17.97	19.30
37901	38099	QPSK	1	99	1	0	18.09	19.30
38150	37952	QPSK	1	0	1	99	17.95	19.30



CA_41C 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		
39750	39948	QPSK	1	99	1	0	21.38	22.80
40185	40383	QPSK	1	99	1	0	21.32	22.80
40620	40818	QPSK	1	99	1	0	21.43	22.80
41055	41253	QPSK	1	99	1	0	21.40	22.80
41490	41292	QPSK	1	0	1	99	21.35	22.80

CA_41C HPUE 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		
39750	39948	QPSK	1	99	1	0	22.98	24.40
40185	40383	QPSK	1	99	1	0	22.91	24.40
40620	40818	QPSK	1	99	1	0	23.04	24.40
41055	41253	QPSK	1	99	1	0	22.98	24.40
41490	41292	QPSK	1	0	1	99	22.89	24.40

CA_41C 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		
39750	39948	QPSK	1	99	1	0	18.03	19.30
40185	40383	QPSK	1	99	1	0	18.07	19.30
40620	40818	QPSK	1	99	1	0	18.15	19.30
41055	41253	QPSK	1	99	1	0	18.06	19.30
41490	41292	QPSK	1	0	1	99	18.04	19.30

CA_41C HPUE 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		
39750	39948	QPSK	1	99	1	0	19.59	20.90
40185	40383	QPSK	1	99	1	0	19.71	20.90
40620	40818	QPSK	1	99	1	0	19.73	20.90
41055	41253	QPSK	1	99	1	0	19.62	20.90
41490	41292	QPSK	1	0	1	99	19.57	20.90



CA_42C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offse	RB Size	RB offse		
42190	42388	QPSK	1	99	1	0	18.14	19.60
42590	42788	QPSK	1	99	1	0	18.21	19.60
42990	42792	QPSK	1	0	1	99	18.17	19.60

Reduced Power Mode for ECI 6

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	21.01	22.10
21100	21298	QPSK	1	99	1	0	21.03	22.10
21350	21152	QPSK	1	0	1	99	20.98	22.10

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	20.84	22.30
37901	38099	QPSK	1	99	1	0	20.95	22.30
38150	37952	QPSK	1	0	1	99	20.79	22.30

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	17.61	18.60
21100	21298	QPSK	1	99	1	0	17.81	18.60
21350	21152	QPSK	1	0	1	99	17.73	18.60

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	18.59	20.10
37901	38099	QPSK	1	99	1	0	18.75	20.10
38150	37952	QPSK	1	0	1	99	18.71	20.10



CA_41C 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		
39750	39948	QPSK	1	99	1	0	20.81	22.30
40185	40383	QPSK	1	99	1	0	20.82	22.30
40620	40818	QPSK	1	99	1	0	20.93	22.30
41055	41253	QPSK	1	99	1	0	20.85	22.30
41490	41292	QPSK	1	0	1	99	20.86	22.30

CA_41C HPUE 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		
39750	39948	QPSK	1	99	1	0	22.55	23.90
40185	40383	QPSK	1	99	1	0	22.43	23.90
40620	40818	QPSK	1	99	1	0	22.57	23.90
41055	41253	QPSK	1	99	1	0	22.46	23.90
41490	41292	QPSK	1	0	1	99	22.50	23.90

CA_41C 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		
39750	39948	QPSK	1	99	1	0	18.86	20.10
40185	40383	QPSK	1	99	1	0	18.85	20.10
40620	40818	QPSK	1	99	1	0	18.97	20.10
41055	41253	QPSK	1	99	1	0	18.82	20.10
41490	41292	QPSK	1	0	1	99	18.81	20.10

CA_41C HPUE 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		
39750	39948	QPSK	1	99	1	0	20.49	21.70
40185	40383	QPSK	1	99	1	0	20.53	21.70
40620	40818	QPSK	1	99	1	0	20.69	21.70
41055	41253	QPSK	1	99	1	0	20.59	21.70
41490	41292	QPSK	1	0	1	99	20.61	21.70



CA_42C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offse	RB Size	RB offse		
42190	42388	QPSK	1	99	1	0	21.95	22.90
42590	42788	QPSK	1	99	1	0	21.97	22.90
42990	42792	QPSK	1	0	1	99	21.92	22.90

Reduced Power Mode for ECI 7

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	18.48	19.80
21100	21298	QPSK	1	99	1	0	18.53	19.80
21350	21152	QPSK	1	0	1	99	18.42	19.80

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	20.27	21.70	
37901	38099	QPSK	1	99	1	0	20.44	21.70	
38150	37952	QPSK	1	0	1	99	20.37	21.70	

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	15.38	16.50
21100	21298	QPSK	1	99	1	0	15.49	16.50
21350	21152	QPSK	1	0	1	99	15.45	16.50

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	16.70	18.00	
37901	38099	QPSK	1	99	1	0	16.82	18.00	
38150	37952	QPSK	1	0	1	99	16.73	18.00	



CA_41C 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		
39750	39948	QPSK	1	99	1	0	20.42	21.70
40185	40383	QPSK	1	99	1	0	20.44	21.70
40620	40818	QPSK	1	99	1	0	20.48	21.70
41055	41253	QPSK	1	99	1	0	20.43	21.70
41490	41292	QPSK	1	0	1	99	20.47	21.70

CA_41C HPUE 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		
39750	39948	QPSK	1	99	1	0	22.13	23.30
40185	40383	QPSK	1	99	1	0	22.05	23.30
40620	40818	QPSK	1	99	1	0	22.14	23.30
41055	41253	QPSK	1	99	1	0	22.08	23.30
41490	41292	QPSK	1	0	1	99	22.01	23.30

CA_41C 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		
39750	39948	QPSK	1	99	1	0	16.78	18.00
40185	40383	QPSK	1	99	1	0	16.73	18.00
40620	40818	QPSK	1	99	1	0	16.87	18.00
41055	41253	QPSK	1	99	1	0	16.84	18.00
41490	41292	QPSK	1	0	1	99	16.81	18.00

CA_41C HPUE 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		
39750	39948	QPSK	1	99	1	0	18.30	19.60
40185	40383	QPSK	1	99	1	0	18.27	19.60
40620	40818	QPSK	1	99	1	0	18.45	19.60
41055	41253	QPSK	1	99	1	0	18.36	19.60
41490	41292	QPSK	1	0	1	99	18.43	19.60



CA_42C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offse	RB Size	RB offse		
42190	42388	QPSK	1	99	1	0	15.81	17.00
42590	42788	QPSK	1	99	1	0	15.97	17.00
42990	42792	QPSK	1	0	1	99	15.86	17.00