

Appendix H. – Power reduction verification

Per the May 2017 TCBC Workshop notes, demonstration of proper functioning of the power reduction mechanism is required to support the corresponding SAR Configurations.

A Base station simulator was used to establish a conducted RF connection and output power was monitored. The power measurements were confirmed to be within expected tolerance for all DSI. before and after a power reduction mechanism was triggered. For the combination cases, one mechanism was switched to a 'triggered' state at a time; powers were confirmed to be within tolerances after each additional mechanism was activated



1. Power Reduction Verification for Main ANT

This device utilizes a power reduction mechanism for some wireless modes under DSI(Device State Index).

For this device DSI = 0 is configured when the device cannot detect the use conditions, and DSI = 3 is configured when Hotspot mode activated. DSI = 2 is configured when receiver mode on.

Mec	hanism	Dend	De	vice State Index(DSI)
1st	2nd	Band	Free state	Mechanism-1st	Mechanism-2nd
RCV ON	Hotspot On	GSM 850 GPRS/EDGE	0	2	2
Hotspot On	RCV ON	GSM 850 GPRS/EDGE	0	3	2
RCV ON	Hotspot On	GSM 1900 GPRS/EDGE	0	2	2
Hotspot On	RCV ON	GSM 1900 GPRS/EDGE	0	3	2
RCV ON	Hotspot On	UMTS Band 5	0	2	2
Hotspot On	RCV ON	UMTS Band 5	0	3	2
RCV ON	Hotspot On	LTE Band 12	0	2	2
Hotspot On	RCV ON	LTE Band 12	0	3	2
RCV ON	Hotspot On	LTE Band 13	0	2	2
Hotspot On	RCV ON	LTE Band 13	0	3	2
RCV ON	Hotspot On	LTE Band 5	0	2	2
Hotspot On	RCV ON	LTE Band 5	0	3	2
RCV ON	Hotspot On	LTE Band 66	0	2	2
Hotspot On	RCV ON	LTE Band 66	0	3	2
RCV ON	Hotspot On	LTE Band 4	0	2	2
Hotspot On	RCV ON	LTE Band 4	0	3	2
RCV ON	Hotspot On	LTE Band 2	0	2	2
Hotspot On	RCV ON	LTE Band 2	0	3	2
RCV ON	Hotspot On	NR Band n5	0	2	2
Hotspot On	RCV ON	NR Band n5	0	3	2
RCV ON	Hotspot On	NR Band n66	0	2	2
Hotspot On	RCV ON	NR Band n66	0	3	2

Table 1.1 Power Reduction Verification for Antenna A

Table 1.2 Power Reduction Verification for Antenna B

Mech	anism	Pond	DSI						
#1	#2	ballu	FREE	#1	#2				
RCV ON	Hotspot On	LTE Band 41	0	2	2				
Hotspot On	RCV ON	LTE Band 41	0	3	2				
RCV ON	Hotspot On	NR Band n41	0	2	2				
Hotspot On	RCV ON	NR Band n41	0 3		2				

Table 1.3 Power Reduction Verification for Antenna I

Mech	anism	Dand		DSI	
#1	#2	Бапа	FREE	#1	#2
RCV ON	Hotspot On	LTE Band 2	0	2	2
Hotspot On	RCV ON	LTE Band 2	0	3	2
RCV ON	Hotspot On	LTE Band 4	0	2	2
Hotspot On	RCV ON	LTE Band 4	0	3	2
RCV ON	Hotspot On	LTE Band 41	0	2	2
Hotspot On	RCV ON	LTE Band 41	0	3	2
RCV ON	Hotspot On	LTE Band 66	0	2	2
Hotspot On	RCV ON	LTE Band 66	0	3	2
RCV ON	Hotspot On	NR Band n41	0	2	2
Hotspot On	RCV ON	NR Band n41	0	3	2
RCV ON	Hotspot On	NR Band n66	0	2	2
Hotspot On	RCV ON	NR Band n66	0	3	2



Appendix I. – Down-link CA Power Measurement / 5G NR Call Box Setup

The report shall not be (partly) reproduced except in full without approval of the laboratory.



1. LTE Down-link Carrier Aggregation Conducted Powers

SAR test exclusion for LTE downlink Carrier Aggregation is determined by power measurements according to the number component carriers(CCs) supported by test product implementation. For those configurations required by April 2018 TCBC Workshop notes, conducted power measurements with LTE Carrier Aggregation(CA) (downlink only) active are made in accordance to KDB Publication 941225 D05Av01r02. The RRC connection is only handled by one cell, the primary component carrier (PCC) for downlink and uplink communications. After making a data connection to the PCC, the UE device adds secondary component carrier(s)(SCC) on the downlink only.

Downlink Carrier aggregation:

- 1. This device only supports downlink carrier aggregation. For every supported combination of downlink carrier aggregation, power measurements were performed with the downlink carrier aggregation active for the configuration with highest measured maximum conducted power with downlink carrier aggregation inactive measured among the channel bandwidth, modulation, and RB combinations in each frequency band.
- 2. All control and acknowledge data is sent on uplink channels that operate identical to specifications when downlink carrier aggregation is inactive.
- 3. Per FCC KDB publication 941225 D05A v01r02, Section C)3)b)ii), PCC uplink channel was selected at downlink carrier aggregation combinations. The downlink PCC channel was paired with the selected PCC uplink channel according to normal configurations without carrier aggregation.
- 4. For continuous intra-band carrier aggregation, the downlink channel spacing between the component carriers was set to multiple of 300kHz less than the nominal channel spacing defined in section 5.4.1A of 3GPP TS 36.521.
- 5. For non-continuous intra-band carrier aggregation, the downlink channel spacing between the component carriers was set to be larger than the nominal channel spacing and provided maximum separation between the component carriers.
- 6. All selected downlink channels remained fully within the downlink transmission band of the respective component carrier.



Power Measurement setup



LTE Down Link 3CA Call Setup

PCC Setting (Channel/ RB/ BW/ Modulation)



SCC1 Setting (Channel/ RB/ BW/ Modulation) and call Connection

Phone2	Phone1	~	DL Channel Activa 2175 ch	tion On	Output On	DL Throughput [1xC] R TP This queries the measurement	PUT ent result for the thr		▲ MT8821C 2020/07/15 13:55
for Phone1	40.10S#003		Operation Band Chann 4	el Bandwidth 20 MHz	Output Level -54.2 dBm			8	RF Output : On DL 3CCs
PCC S	cc1 scc2 scc3		Measurement		Signaling		UE Power	r: 24.0 dBm	Band Cal
Common		Q	Fundamental 👌 Throughp	out				lain Screen	A Home
Physical Channel	> Frequency		[kbps] 20000		MAC DL total MAC UL total	: 13831 kbps (100.00 %) : 72 kbps (100.00 %)		undamental ub Screen	< Preset
	> Level		18000				- Total - PCC - SCC1	nroughput	Measuring
	Signal		16000				- SCC2 - SCC3 - SCC4 Та	irget	Tx
	DL RMC		12000				– SCCS – SCC6 – SCC7 Ta	ALL arget(DL/UL)	●→ Single
	🔊 TDD		8000				MAC - UL - Total Tin - PCC	me Scale	Continuous
			4000						Connected
			2000						Connected
			5023.5		[sec]	50	33.5		Start Call
Band Definition			Throughput (Total)	1	3831 kbps (= 10	0.00 %)	^		End Call
External Loss			Throughput	1994 kbps (= 100.00 %)	7884 kbps (= 100.00 %) (3953 kbps kt = 100.00 %) (=	ops %)		
System Config			Block Error Rate	0.0000 00F+000	0.0000 0.00F+000 0.0	0.0000 0F+000			< Menu





SCC2 Setting (Channel/ RB/ BW/ Modulation) and call Connection



Single 3CA Downlink Carrier aggregation conducted Power

		РСС						SCC			SCC				Tx Power					
Combination	Band B	W C	PCC UL Thannel	PCC UL Frequency	PCC DL Channel	PCC DL Frequency	Modulation	RB	offset	Band	BW	SCC DL Channel	SCC DL Frequency	Band	BW	SCC DL Channel	SCC DL Frequency	LTE Single Carrier Tx Power (dBm) (1)	LTE Tx Power with DL CA Enabled (dBm) (2)	Deviaion (dB) (2)-(1)
41D	41 2	20 3	39750	2506	39750	2506	QPSK	1	0	41	20	39948	2525.8	41	20	40146	2545.6	20.77	20.68	-0.09

4x4 MIMO 3CA Downlink Carrier aggregation conducted Power

		РСС					SCC			SCC				Tx Power					
Combination	Band B	W PCC Chan	JL PCC UL nel Frequenc	PCC DL y Channel	PCC DL Frequency	Modulation	RB	offset	: Band	BW	SCC DL Channel	SCC DL Frequency	Band	BW	SCC DL Channel	SCC DL Frequency	LTE Single Carrier Tx Power (dBm) (1)	LTE Tx Power with DL CA Enabled (dBm) (2)	Deviaion (dB) (2)-(1)
[41D]	41 2	0 397	0 2506	39750	2506	QPSK	1	49	41	20	39948	2525.8	41	20	40146	2545.6	20.77	20.70	-0.07



2. 5G NR Call Box Setup

Procedure used to establish output $\ensuremath{\mathsf{Power}}$ measurement for NR Bands

- Select operating band, BW and Channel.
 - Click Cell on button in the right of Test application screen.
 - Turn the LTE Cell On using "ON/OFF" Key.

- Reysigne corrotzoor rest reppication	Thanework - 56 Nr (15.1001.1010.5501)					
5G NSA	FDD 5 NSA gNB SN IBm/15kHz -38.96 dBm/1	n2 BW NSAg -19.8	NB SN + n78 5 dBm/BW A -19	\gNB SN + n78 .85 dBm/BW 19.85 d	SN + n78 IBm/BW	Main
TxMeas	10 MHz 2525 20525 20525 0FF U: 188	0.00 0.00 0.00	100 MHz D: 3399.99 U: 3550.31 OFF Freq:	100 MHz D: 3499.98 U: 3550.31 BU: 3550.31 BU: 3550.31 BU: BW: Freq: D: OFF U:	100 MHz 3600.00 3550.31	Cell On
Config Identities NF	R Cell Reconfig	dRm/1014H-	Tart Mada	ouin laci Dair III /DL Frag		Connect►
Frequency / Duplex Mode						Function Test►
Duplex Mode / Band:	FDD 🔻 5	Fr	requency Setting Method:	EARFCN V		
Downlink Bandwidth	10 MHz					
Dominin Dundmuth.		Ur	plink Bandwidth:	10 MHz V		Aggregation
Downlink EARFCN:	2525 881.500000	MHz 🔻 Ur	plink EARFCN:	20525 836.500000	MHz 🔻	
		Cen	Auto			
<u></u>		Mod	de:			Mobility►
Simulated Path Loss:		dB				
						Resource
Reference Signal Power (SIB2):	18	dBm Cy	clic Prefix:	Normal 🔻		Allocation
TDD Specific Configuration						
Frame Configuration:		S	pecial Subframe Configuration:			Link to X-Apps
					Symbols	
RF Config						
DL Antenna Configuration:	2 x 2 v Expect	ed Input Power Control:				Utility►
Cable Loss:	0.00 dB Expect	ed Input Power:	7.78 d	IBm/10MHz -20.00	dBm/15kHz	
						Apply
System Scheduling Cell	PHY MAC/RLC/PDCP RRC		BLER/Tput Assisted T			
		<u></u>				More 1/2

- Turn the Airplane Mode On and then turn the Airplane mode off.
- Select All down bits for UL Power control Mode in LTE.

Revisignt C87002004 Test Application Framework – 5G NR (15.1001.1610.3301)		
5G NSA T PCC / FDD 5 T NSAgNB SN : n2 NSAgNB SN : n78 - 19.85 dbm/bW - 19.85 dbm/bW - 19.85 dbm/bW		Main
BW: 10 MHz BW: 20 MHz TitMess EARFCIN. D: 2525 OFF TitMess BW: 100 MHz BW: 100 MHz CONNECTED U: 20525 OFF U: 188.00 OFF U: 3550.31		Cell Off
General UE Power Control Boosting		Connect
UE Power Control Mode: Target		Connectr
Trinet Mode		
PUCCH Target Power: 0.0 dBm 28.24 dBm/15kHz		Function Test►
PUSCH Target Power: 0.0 dBm 28 24 dBm/15kHz		NR S-Cell
		Aggregation
		A de la Tribui
		WODIIILY
11 Power Castrol Dammaker		Resource Allocation
De discus failures		
Po (nominal POSCH):		
P0 (UE-PUSCH, SRB): 0 dB		Link to X-Apps
P0 (UE-PUSCH, RBC): 0 dB		
p-Max: 23 Accumulation Enabled		Utility►
		Apply
System Scheduling Cell PHY MAC/RLC/PDCP RRC/NAS UE Info IMS BLER/Tput Assisted Tx Meas		
BSE:CONFIG[:SELected]:ACTive[:STATe]	arch	More 1/2►



Setup for NR Band

Select waveform for Setting NR Band (PHY->PUSCH->Enable Transform Precoder)
 Enable : DFT-s-OFDM, Disable : CP-OFDM

- neysigne coroccont rescrippined on the				6 1 1
5G NSA (PCC / FDI -75.00 dBm.	D 5 NL NSA gNB SN + n2 NZ /15kHz -38.96 dBm/BW	NSA gNB SN + n78 -19.85 dBm/BW NSA g	gNB SN + n78 85 dBm/BW NSA gNB SN -19.85 dBm/	1978 Main
TxMeas BW: 1 CONNECTED U: 2	0 MHz 2525 20525 0FF U: 1880.00	BW: 100 MHz Freq: D: 3399.99 DFF U: 3550.31 OFF	100 MHz BW: 10 D: 3499.98 Freq: D: 36 U: 3550.31 OFF U: 35	0 MHz 00.00 50.31
Bandwidth Parts HARQ	PDSCH PDSCH DMRS PDCCH	PRACH PUSCH PUSCH DMF	RS PUCCH SRS Config	Connects
Enable PUSCH			Bandwidth Part: Initial	BWP V
General				
Data SCID:	Using Physical Cell Id	Rate Matching Type:	Full Buffer 🔹	Function Test►
Frequency Hopping Mode:	No Hopping 🗸	Overhead:	Overhead 0 v	
Resource Allocation Config:	Type 1	MCS Table:	64 QAM 🔻	Aggregation
RBG Size Config:	Config 1	MCS Table Transform Precoder:	= 64 QAM ▼	
Tx Config:	Codebook T	Enable Transform Precoder:		Mobility►
UL Max Rank:	1 🔻	Msg3 Transform Precoding:		Resource
Codebook Subset:	Non Coherent	Enable П/2 BPSK TP:		Allocation
UCI Over PUSCH:	✓	Enable П/2 BPSK Power Boost:		Link to X-Apps
UCI Over PUSCH Scaling:	1 🔻			
				Utility►
				Apply
Queters Oshaduling Cont			Assisted Tu Mana	
			Assisted TX Meas	More 1/2
BSE:CONFIG[:SELected][:SELected]	ACTive[:STATe]		Local	Q Search

- Select operating band, BW, SCS and Channel.
- Turn the NR Cell On using "ON/OFF" Key.

Keysight C8700200A Test Applica	ation Framework – 5G NR (15.10	001.1610.3301)				
5G NSA	C / FDD 5	NSA gNB SN + n2 -38,96 dBm/BW	NSA gNB SN + n78 -19.85 dBm/BW	NSA gNB SN • n78 -19.85 dBm/BW	NSA gNB SN + n78 -19.85 dBm/BW	Main
TxMeas EARFCI	10 MHz CN: D: 2525 U: 20525 ON	3W: 20 MHz freq: D: 1960.00 U: 1880.00 OFF	BW: 100 MHz Freq: D: 3399.99 U: 3550.31	BW: 100 MHz Freq: D: 3499.98 F U: 3550.31	BW: 100 MHz Freq: D: 3600.00 OFF U: 3550.31	Cell Off
Config Identities	SSB / Broadcast UE	Power Control UE Power	Meas Advanced			Connect
RF Common						
Duplex Mode:	FDD 🔻 N	R Cell Type: NSA ▼	Band:	n2 🔻	Test Channel: Custom	▼ Function Test►
Frequency Range:			SCS Common:			
Downlink			Uplink			ND S COIL
DL Bandwidth: 2			UL Bandwidth:			Aggregation
DLARFCN: 3	392000	SSB ARFCN: 392000	ULARFCN:	376000		
DL Frequency: 1	1960 MHz 🔻		UL Frequency:	1880 MHz 🔻		Mobility►
DL Point A: 3	390092	Offset To Carrier: 0	UL Point A:	374092	Offset To Carrier: 0	
DL Phase Compensation:	Center Freq ▼ Custom:	0 MHz V	UL Phase Compensation	Center Freq 🔻 Custom:	0 MHz	Resource Allocation
ss-PBCH-BlockPower: 2	20 dBm		Enable Frequency Shift:			
Reference Signal Power: -	-70 dBm/SCS	-38.96 dBm/BW	Expected Input Power:	Manual v 10	dBm/BW	Link to X-Apps
DL MIMO Configuration:	Custom (2x2) V Static Cha	nnel Model: Static MIMO V	UL MIMO Configuration:	1x1 v	-	
						Utility►
Misc						
		Max A0A: 1	Include DE Cap Enquiry:	<u>×</u>		Apply
System Scheduling Ce	ell PHY Beam Mgmt	MAC/RLC/PDCP RRC/N	AS IMS BLER/Tput	CSI Assisted Tx Meas		
BSE:CONFIG[:SELected][:SELected]	.ected]:ACTive[:STATe]				Local Q	More 1/2



Connect NR S-Cell Aggregation

- Click NR S-Cell Aggregation
- Check the Cell 1's DL and UL box(PCC) and than Click Apply.
- Check the message summary If message shows NR Msg 5, It is connected.

5G NSA	(•)	PCC / FD -75.00 dBm	0 5	NSA gNB SN + n2	NS/	gNB SN 85 dBm/l	n78 BW		VSA gNB SN + n78 -19 85 dBm/BW		NSA gNB SN -19 85 dBm	l+n78 /BW		Main
TxMeas		BW: ARFCN: D: U:	0 MHz 2525 20525 CONNECTE	W: 20 MHz req: D: 1960.00 D U: 1880.00	OFF Freq:	100 D: 339 U: 355	0 MHz 19.99 10.31	OFF BV	W: 100 MHz eq: D: 3499.98 U: 3550.31	OFF	3W: 10 ineq: D: 36 U: 35	00 MHz 00.00 50.31		Cell Off
Config	Impairmen	its M		Error Log RUI	Log Log	gging	RF Conr	nectors	App Info					
				· · · · ·							Save	to Clear		Connect
	w meas Reports	\sim	Show PRACH								File	Log	\vdash	
Cell	Time		Message									^		Function Test
1	19:57:08.356	UL	Esm Information	Response					N	R S-Cell A	ggregati	on		
1	19:57:08.359	DL	Activate Default	Eps Bearer Cntx Requ	est									
1	19:57:08.361	DL	Attach Accept							Agg	regate	Activate	4	NR S-Cell Aggregation
1	19:57:08.429	DL	RRC Connection F	Reconfiguration					Cell	DL				, iggi oganon
1	19:57:08.536	UL	RRC Connection F	Reconfiguration Comple	te									
1	19:57:08.608	UL	UL Information Tra	insfer							× .			Mobility
1	19:57:08.610	UL	Attach Complete						Cell 2				L	
1	19:57:08.612	UL	Activate Default	Eps Bearer Context Ac	cept								$\left[\right]$	Desource
1	19:57:16.502	DL	RRC Connection F	Reconfiguration					Cell 3				⁴	Allocation
1	19:57:16.503	DL	5G NR RRC Co	nnection Reconfiguratio	on				Cell 4					
1	19:57:16.503	UL	5G NR Radio B	earer Config										
1	19:57:16.824	UL	RRC Connection F	Reconfiguration Comple	ite									LINK to X-Apps
1	19:57:16.830	DL	5G NR RRC Co	nnection Reconfiguratio	on Complete									
1	19:57:16.897	DL	NR Msg2											LINES
1	19:57:16.897	UL	NR Msg1											Ounty
1	19:57:16.990	UL	NR Msg3										╞	
1	19:57:16.993	UL	NR Msg5											Apply
									Auto NR Ar	areastion.				. 444.7
Svetom	Schoduling	Coll								grogation.				
BSECONE	ig:1 TEI:SELecte						С	<u> </u>		Apply	Cancel			More 1/2

Max Power setting

- Click "Cell in the bottom of screen.
- Click "UE Power control" than change UE Power control mode to All Up bits.

- nejsigin coroccorriestrippication in	Sector (19.1001.1010.5501)			
5G NSA 5G NSA PCC / FDI	NSA gNB SN + n2 NS n/15kHz NSA gNB SN + n2 NS -38,96 dBm/BW	A gNB SN : n78 9.85 dBm/BW	8 NSA gNB SN + n78 -19.85 dBm/BW	Main
TxMeas BW: 1 CONNECTED U: 2	10 MHz 2525 20525 CONNECTED U: 1960.00 0 FF	100 MHz BW: 100 MHz D: 3399.99 Freq: D: 3499.9 U: 3550.31 OFF U: 3550.3	Hz 8 1 0FF U: 3550.31	Cell Off
Config Identities SSB	/ Broadcast UE Power Control UE Power Mea	as Advanced		Connects
			Bandwidth Part: Initial BWP	
PUSCH LIE Power Control				Eurotion Tests
UE Power Control Mode:	All Up Bits	The PUSCH will be told to continuously increa	se power	Function lest
	0			NR S-Cell
- PUCCH UE Power Control				
UE Power Control Mode:	Follow PUSCH	The PUCCH will follow the PUSCH TPC		Mobility∍
UL Power Control Parameters				Resource
Add Spectrum Emission	0 p0 Nominal With Grant	t -90 deltaF P	UCCH f3: 0	Allocation
PUSCH Alpha Value:	Alpha 8 🔻 🗸 deltaF PUCCH f0:	0 deltaF P	UCCH f4: 0	Link to X-Apps
PUSCH p0:	0 deltaF PUCCH f1:	о уросн	p0 Nominal -90	
p-Max 2	23 deltaF PUCCH f2:	0 p0 Set V	/alue: 0	Utility
p-maxEUTRA 2	23			
				Apply
System Scheduling Cell	PHY Beam Mamt MAC/RLC/PDCP RC/NAS	IMS BLER/Tput CSI Assisted	Tx Meas	
BSE:CONFig:NR5G[:SELected]:UL[:P	PUSCh]:CLPControl:MODE		Local Q. Se	More 1/2



Selecting Start RB/Count/MCS

Select the each test configurating (Start RB, Count, MCS). ullet

🚾 Keysight C8700200A Test Application Framework – 5G NR (15.1001.1610.3301)	
SG IISA PCC / FDD 5 -75.00 dBm/18/Hz NSAgNB SN n2 -138.96 dBm/8W NSAgNB SN n78 -138.96 dBm/8W NSAgNB SN n78 -138.96 dBm/8W	Main
Tutkess BW: 100 MHz BW: 100 MHz Tutkess EARICH D: 2550 250 00 MHz BW: 100 MHz COMINECTED U: 20525 CONNECTED U: 1880.00 OFF U: 3550.31	Cell Off
Quick Config TDD UL-DL Config Scheduling Map Slot Config PDSCH TDRA PUSCH TDRA Link Adaptation Rate Matching	Connect
Selected Downlink Slot Config: SC0 Fixed MCS Index 4 - QPSK V Start RB/Count: 0 106 K0: 0 K1: 2 Copy to all SC's	
Radio Frame Map Frame Config Palette Radio Frames per Repetition: 1 Align to SSB Period (20ms) FC0	Function Test►
	NR S-Cell Aggregation
Add FC1 Delete FC0 Clear All Set All: FC0	Mobility►
Slot Map Slot Config Palette	
	Allocation
Sumbol Man	Link to X-Apps
0 1 2 3 4 5 6 7 8 9 10 11 12 13 O DL UL	1.46754
0 1 2 3 4 5 6 7 8 9 10 11 12 13 UL&DL	
Add SC1 Del SC0	Apply
Clear All Set All: SC0 DL	
System Scheduling Cell PHY Beam Mgmt MAC/RLC/PDCP RRC/NAS IMS BLER/Tput CSI Assisted Tx Meas	More 1/2►
BSE:CONFig:NR5G['SELected]:UL[PUSCh]:CLPControl:MODE	h

View Tx Power

- Click "Link to X-Apps." (Please refer to Figure-7) Select "Channel Power". ullet
- •

🚾 Keysight C8700200A Test Application Framework – 5G NR (15.1001.1610.3301)		
5G NSA	Main	
BW: 10 MHz BW: 20 MHz BW: 100 MHz 100 MHz 100 MHz <	Cell Off	
Quick Config TDD UL-DL Config Scheduling Map Slot Config PDSCH TDRA PUSCH TDRA Link Adaptation Rate Matching	Connects	
Selected Downlink Slot Config: SC0 Fixed MCS Index 4 - QPSK V Start RB/Count: 0 106 K0: 0 K1: 2 Copy to all SC's	Connect	
Radio Frame Map Frame Config Palette	Eurotian Taata	
Radio Frames per Repetition: 1 • Align to SSB Period (20ms)		
	NR S-Cell	
	Aggregation	
Add FC1 Delete FC0		
Clear All Set All: FCD	Mobility►	
Slot Map Slot Config Palette		
0 1 2 3 4 5 6 7 8 9 SCO	 Resource Allocation 	
	Link to X-Apps	
Symbol Map		
0 1 2 3 4 5 6 7 8 9 10 11 12 13 O DL O UL	Utility►	
0 1 2 3 4 5 6 7 8 9 10 11 12 13 UL&DL		
Add SC1 Del SC0	Apply	
Clear All Set All: SCO DL		
System Scheduling Cell PHY Beam Mgmt MAC/RLC/PDCP RRC/NAS IMS BLER/Tput CSI Assisted Tx Meas	More 1/2	
BSE:CONFig:NR5G[SELected]UL[PUSCh]:CLPControl:MODE		