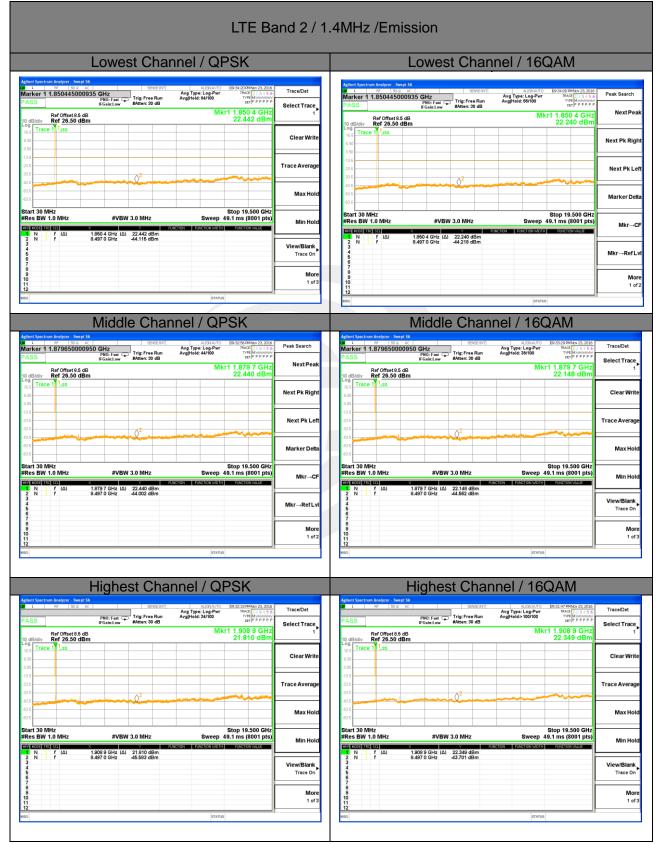


# CONDUCTED SPURIOUS EMISSION

LTE BAND 2



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LTE B	and 2 / 3	MHz /Emission	
Lowest Channel / QPSK		Lowest Channel / 16QAM	
Agient Spectrum Analyzer         Swept SA           UP         ref         100 cm         Aci           Marker 11, 1850445000935 GHz         Avg Type, Log Pur         TRACE [12:3:4:5:0]	Trace/Det	Marker 1 1.850445000935 GHz Avg Type: Log-Pwr TRACE 1.2.3 4 5 6	eak Search
PASS PHO: Fast Trg: Pree Run Avginoid: surroo reme Properties Run Avginoid: surroo reme Properties Run Avginoid: surroo reme Properties Run	Select Trace	PASS PROFEED AND RECEIPTING THE PASS RECEIPTING THE PASS RECEIPTING THE PASS RECEIPTING	NextPea
10 dB/d/ # # 26.50 dBm 22.553 dBm Log Trace 1 Lss		10 dBld Ref 25.0 dBm 22.215 dBm 22.215 dBm	
	Clear Write	6.00 Ne	ext Pk Righ
135	Trace Average		Next Pk Lei
315 435 45		$\beta_{35}$	
48.5	Max Hold	835	Marker Delt
Start 30 MHz         Stop 19.500 GHz         Stop 19.500 GHz           #Res BW 1.0 MHz         #VBW 3.0 MHz         Sweep 49.1 ms (8001 pts)           WSR M050 [H530]         ×         Y         Reaction interform water	Min Hold	Start 30 MHz         Stop 19.500 GHz           #Res BW 1.0 MHz         #VBW 3.0 MHz         Sweep 49.1 ms (8001 pts)           bsg/texc(#ret/std)         x         v         Function         Function work	Mkr→C
1 N 1 f (Δ) 18604 GHz (Δ) 22.563 dBm 2 N 1 f 8.497 0 GHz -43.971 dBm 3	View/Blank	1         N         1         f         (Δ)         1.860 4 GHz         (Δ)         22.215 dBm           2         N         1         f         8.497 0 GHz         -44.588 dBm	
4 5 6 7	Trace On	5 6 7	/kr→RefL\
8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	More 1 of 3	8 0 10 12	Mon 1 of:
NEG STATUE		12 160 STATUS	
Middle Channel / QPSK		Middle Channel / 16QAM	
Marker 1         1.879650000950         GHz         Stelesint         Augustatro         D9:35:30 PMI/or 23, 2016           Marker 1         1.879650000950         GHz         Avg Type: Log-Pwr         Trig: Free Run         Avg Type: Log-Pwr         Trig: State St	Peak Search	B L BF 500 AC SENEENT AUSTANTO 093550FMV 23,2016     Marker 1 1.879650000950 GHZ     Tris:Free Run Avgihiold>1000 Trist 0.3 5 50     PN0:Fast □     Tris:Free Run Avgihiold>1000 0 Trist 0.9 5 50     PN0:Fast □	'race/Det
Def Officet 95 dB Mkr1 1.879 7 GHz	Next Peak	Se	elect Trace
165 Trace 1 Lss	Next Pk Right	Log 165 Trace 1 Lss	Clear Write
6 50		5.50 3.50 	
225	Next Pk Left	235 Tra	ace Average
	Marker Delta		Max Hold
435 Stop 19.500 GHz		63.5	
Res BW 1.0 MHz         #VBW 3.0 MHz         Sweep 49.1 ms (8001 pts)           Cal Incl (10) Hz         1879 7 OHz (10) 23.391 dBm         Incl (10) 102	Mkr→CF	#Res BW 1.0 MHz         #VBW 3.0 MHz         Sweep 49.1 ms (8001 pts)           Dog Bode Bridge Bd         2         Filterion         Extension         Extensio	Min Hold
N 1 f (Δ) 1979 7 GHz (Δ) 23.391 dBm     S 1 f 8.497 0 GHz - 44.534 dBm     4	Mkr→RefLvl	1         N         1         f         (Δ)         13737 GHz         (Δ)         2.382 dBm           2         N         f         8.497 0 GHz         43.383 dBm         V           4         V         V         V         V	<b>/iew/Blank</b> Trace On
6 7 8		6 9 9	
9 10 11 12	More 1 of 2	9 10 11 12	More 1 of 3
MBG STATUS		15G STATUS	
Llighast Channel / ODSK		Lichast Channel / 100 AM	_
Highest Channel / QPSK		Highest Channel / 16QAM	
U         IP         309         AC         IP         Sector         Austract         Descent         Austract         Descent         Austract         Aus	Peak Search	PNO: Fast Trig: Free Run Avg Hold: 97/100	race/Det
Ref Offset 8.5 dB Mkr1 1.908 9 GHz	NextPeak	Ref Offset 8.5 dB         Mkr1 1.908 9 GHz         21.703 dBm           Log         Log         21.703 dBm         21.703 dBm	elect Trace 1
16.5 Trace 17 1.55 520	Next Pk Right	Log Trace 1 1 1 s	Clear Writ
330		3.90	
235 335	Next Pk Left	-33.5	ace Averag
	Marker Deita		Max Hole
Start 30 MHz Stop 19.500 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 49.1 ms (8001 pts)		Start 30 MHz Stop 19.500 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 49.1 ms (8001 pts)	
KEE MODEL THE SOLL X Y FUNCTION MOTH FUNCTION VALUE	Mkr→CF	wree         surree         +s.r         image         surree         surree <thsurree< th="">         surree         <thsurr< td=""><td>Min Hole</td></thsurr<></thsurree<>	Min Hole
4	Mkr→RefLvl	2 N 1 T 8.49/ U GHZ 44.043 dBm 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	<b>/iew/Blank</b> Trace On
5 7 9 9 10 11 12	More	6 7 9	More
10		10	1 of 3
12 ISS ISSUE	1 of 2	8 9 10 10 10 10 10 10 10 10 10 10 10 10 10	101.

Shenzhen STS Test Services Co., Ltd.

1/F., Building B, Zhuoke Science Park, No.190,Chongqing Road, Fuyong Street, Bao'an District, Shenzhen, Guangdong,China Tel: 0755-36886288 Fax: 0755-36886277 Http://www.stsapp.com E-mail: sts@stsapp.com



LTE B	Band 2 / S	5MHz /Emission	
Lowest Channel / QPSK		Lowest Channel / 16QAM	
Append Spectrum Analyzer / New point 34         SERVERMIN (2014)         Activition (2014)           Marker 1 1.850445000935 GHz         Trigle Free Hum         Avg Type Leag Point         Trigle Tries Hum           Marker 1 1.850445000935 GHz         Trigle Free Hum         Avg Type Leag Point         Trigle Free Hum           PASS         Trigle Free Hum         Avg Type Leag Point         Trigle Free Hum         Trigle Free Hum	Trace/Det	Marker 1 1.850445000935 GHZ	eak Search
Ref Offset 8.5 dB Mkr1 1.850 4 GHz	Select Trace	Ref Offset 85 dB Mkr1 1.850 4 GHz	Next Peak
10 delaiv Ref 26.50 dBm 222.692 dBm 222.692 dBm 22.692 dBm 25.50 d	Clear Write	Log 16.5 Trace 1 Liss	ext Pk Right
$\left  \begin{array}{c} 225 \\ 335 \\ 1 \end{array} \right $	Trace Average		Next Pk Left
	Max Hold		Marker Delta
Start 30 MHz Stop 19.500 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 49.1 ms (8001 pts)	Min Hold	Start 30 MHz Stop 19.500 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 49.1 ms (8001 pts)	Mkr→CF
Image brand strate Set         ×         ×         statement         statement <th< td=""><td></td><td>Image Model Hole State         X         A</td><td></td></th<>		Image Model Hole State         X         A	
4 5 6 7 7	View/Blank Trace On		/lkr→RefLvl
8 9 10 11 12	More 1 of 3	9 9 10 11 12	More 1 of 2
12 85	H	12 866 874708	
Middle Channel / QPSK		Middle Channel / 16QAM	
Aglient Spectrum Analyzer - Swept SA		Agilent Spectrum Analyzer - Swept SA	
Marker 1 1.879650000950 GHz         Avg Type: Log-Pwr         Trace []: 2a + 5 6           PASS         IFGainLaw         Trig: Free Run #Atten: 30 dB         Avg[Hold: 46/100         Trid: []: 2a + 5 6	Peak Search Next Peak	Marker 1 1.879650000950 GHz         Avg Type: Log-Pwr         Trids: Trids: Trid: Free Run           PASS         IFGain.Low         FAtten: 30 dB         cei/P PPP PP	Frace/Det
Ref Offset 8.5 dB         Mkr1 1.879 7 GHz           10 dB/div Ref 2.5.0 dBm         22.366 dBm           20 r Trace 11 Lss         22.366 dBm		Pri Offere 8 dB to dBidy Ref 26.50 dBm co Trace 1 Lss to dBidy Ref 26.50 dBm co Trace 1 Lss	1
165   FRCE	Next Pk Right		Clear Write
-135 -225	Next Pk Left		ace Average
335 	Marker Delta		May Hold
835 Start 30 MHz Stop 19.500 GHz		Start 30 MHz Stop 19.500 GHz	Max Hold
#Res BW 1.0 MHz         #VBW 3.0 MHz         Sweep 49.1 ms (8001 pts)           Image from the sector of the sector o	Mkr→CF	#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 49.1 ms (8001 pts)  #Res BW 1.0 MHz x v Runction value	Min Hold
N 1 f (L) 16797 GHz (L) 22,366 dBm 2 N f f 8,497 0 GHz 43,736 dBm 3 6 7 7 8,497 0 GHz 43,736 dBm	Mkr→RefLvl	1         N         1         f         (Δ)         1.879 7 GHz         (Δ)         22.747 dBm	/iew/Blank Trace On
6 7 8 9	More	6 7 8 9	More
10 11 12 12	1 of 2	9 10 11 12 Noo	1 of 3
pining -		pixios	
Highest Channel / QPSK		Highest Channel / 16QAM	
Marker         1908         AC         DEVERIT         AUXIARTO         DEVESSION           Marker         11.9088550009655 GHz         Trig: Free Run         Avg1tylei.02.93.65         Trig: State: 20.93.65           PASS         #Feinit.ew         Akten: 20.43.65         Trig: Free Run         Avg1tylei.02.93.65	Peak Search	PNO: Fast C Trig: Free Run Avg Hold: 77/100	Frace/Det
Ref Offset 8.5 dB Mkr1 1.908 9 GHz 10 dB/dlv Ref 26.50 dBm 22.042 dBm	NextPeak	Ref Offset 8.5 dB Mkr1 1.908 9 GHz	1
Log Trace 1 1.55	Next Pk Right	Log Trace 1 1.ss	Clear Write
330	Next Pk Left	-13.5	ace Average
		$\frac{35}{0.5}$	-
	Marker Delta	835	Max Hold
Start 30 MHz         Stop 19.500 GHz           #Res BW 1.0 MHz         #VBW 3.0 MHz         Sweep 49.1 ms (8001 pts)           Ust post [Ji25 K0]         x         y         Res and the second se	Mkr→CF	Start 30 MHz         Stop 19.500 GHz           #Res BW 1.0 MHz         #VBW 3.0 MHz         Sweep 49.1 ms (8001 pts)           DBL Rock 104 EG         x         y         Function         Function value	Min Hold
Ν         Γ         (Δ)         1909 9 (Hz (Δ))         22.042 dBm         Control in the control in t	Mkr→RefLvl	1 N 1 f (Δ) 1.908 9 GHz (Δ) 21.988 dBm 2 N 1 f 8.497 0 GHz -44.062 dBm	/iew/Blank
5 6 7 8		5 7 8	Trace On
9 10 11 12	More 1 of 2	9 10 11 11 12	More 1 of 3
ISG STATUS		MSG BTATUS	



Lowest Channel / QPSK		Lowest Channel / 16QAM				
nt Spectram Antyper, Sergel 34		Agilent Spectrum Analyzer - Swept S           De         RF         S0 Ω         A           Marker 1         1.8504450000S	SENSE:INT	ALIGNAUTO Avg Type: Log-Pwr Avg Hold>100/100	09:42:22 PMNov 23, 2016 TRACE 1 2 3 4 5 6 TVPE M WWWWW DET P P P P P P	Peak Search
SS IFGain:Low #Atten: 30 dB	Select Trace	PASS	PN0: Fast Trig: Free Run IFGain:Low #Atten: 30 dB		CET P P P P P	NextP
Bidly Ref 26.50 dBm 22.894		10 dB/div Ref 26.50 dBr	n n		22.901 dBm	
	Clear Write	Log 16.5 6.50				Next Pk Ri
		-3.50				
	Trace Average	-23.5				Next Pk I
		43.5		and the second		
	Max Hold	-63.5				Marker D
rt 30 MHz Stop 19.50 es BW 1.0 MHz #VBW 3.0 MHz Sweep 49.1 ms (80	00 GHz 101 pts) Min Hold	Start 30 MHz #Res BW 1.0 MHz	#VBW 3.0 MHz		Stop 19.500 GHz 49.1 ms (8001 pts)	Mkr-
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		1 Ν 1 f (Δ) 2 Ν 1 f	X Y 1.850 4 GHz (Δ) 22.901 dBm 8.497 0 GHz -43.573 dBm	FUNCTION FUNCTION WIDTH	FUNCTION VALUE	
	View/Blank Trace On	4 5				Mkr→Rei
		6 7 8				
	More 1 of 3	9 10 11 12				<b>M</b>
STATUS		MSG		STATU	5	
Middle Channel / QPSK			Middle Chan	nel / 160	QAM	
nt Spectrum Analyzer - Swept SA L RF 150 & AC SPECEINT ALXIVIALITO DOVES36 PMM Keer 11.8795650000950 GHz Avg Type: Log-Pwr 19AG	0v 23, 2016 2 3 4 5 6 Peak Search	Agilent Spectrum Analyzer - Swept SJ           0e         L         RF         S0 ≥         AC           Marker 1         1.8796500009         Marker 1         L         Marker 1         Marker 1         L         Marker 1         Marker 1         L         Marker 1         L         Marker 1         L         Marker 1         L         Marker 1         Marker 1         L         Marker 1         L <td>50 GHz</td> <td>ALIGNAUTO Avg Type: Log-Pwr</td> <td>09:43:56 PMNov 23, 2016 TRACE 1 2 3 4 5 6 TYPE M WWWWWW</td> <td>Trace/Det</td>	50 GHz	ALIGNAUTO Avg Type: Log-Pwr	09:43:56 PMNov 23, 2016 TRACE 1 2 3 4 5 6 TYPE M WWWWWW	Trace/Det
SS IFGain:Low #Atten: 30 dB	PPPPP	PASS	For the second s	Avg Hold: 69/100	DET P P P P P P	Select Trac
Ref Offset 8.5 dB Mkr1 1.879 IB/div Ref 26.00 dBm 22.012		Ref Offset 8.5 dB		MK	r1 1.879 7 GHz 22.367 dBm	
Trace 11 Liss	Next Pk Right	16.0 Trace 1 Lss				Clear Wr
		-4.00				
	Next Pk Left	-24.0				Trace Avera
		-44.0	$\sim$			
	Marker Delta	-64.0				MaxH
rt 30 MHz Stop 19.5 es BW 1.0 MHz #VBW 3.0 MHz Sweep 49.1 ms (80	00 GHz 01 pts) Mkr→CF	Start 30 MHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 4	Stop 19.500 GHz 49.1 ms (8001 pts)	Min H
Mode         Tig         State         Function         Funct		1228 12009 1789 560 1 Ν 1 f (Δ) 2 Ν 1 f 3	1.879 7 GHz (Δ) 22.367 dBm 8.497 0 GHz -45.129 dBm	UNCTION FUNCTION WIDTH	FUNCTION VALUE	
N 1 f 8.497 0 GHz 45.939 dBm	Mkr→RefLvl	3 4 6	40.125 40.11			View/Blan Trace C
		6 7 8				
	More 1 of 2	9 10 11 12				<b>M</b> (
STATUS	P	MSG		STATUS	[	
Highest Channel / QPSK		ł	Highest Char	nnel / 16	QAM	
nt Spectrum Analyzer - Swept SA L RF 300 AC SPINE BIT ALIGHAUTO D9-44-43 PMA Keer 11.908855000965 GHz Avg Type: Log-Pwr TRAC	0v 23, 2016 Trace/Det	Agilent Spectrum Analyzer - Swept SA           DZ         RF         SO R         AC           Marker 1 1.9088550009	SENSE:INT	ALISNAUTO	09:44:23 PMNov 23, 2016	Peak Search
	Trace/Det	PASS	PN0: Fast Trig: Free Run IFGain:Low #Atten: 30 dB	Avg Type: Log-Pwr Avg Hold: 58/100	09:44:23 PMNov 23, 2016 TRACE 1 2 3 4 5 6 TYPE M WWWWWW DET P P P P P P	NextPe
Ref Offset 8.5 dB Mkr1 1.908 9 IB/div Ref 26.00 dBm 21.596	9 GHz 1 <sup>°</sup> 9 dBm	Ref Offset 8.5 dB 10 dB/div Ref 26.00 dBm Log Trace 1 1.ss	I	Mk	r1 1.908 9 GHz 21.384 dBm	Hearry
	ClearWrite	16.0 Trace 17 Lss				Next Pk Rig
		-4.00				
	Trace Average	-24.0				Next Pk L
		-44.0 -54.0				
	Max Hold	-64.0				Marker D
rt 30 MHz Stop 19.5 es BW 1.0 MHz #VBW 3.0 MHz Sweep 49.1 ms (80	(01 ptc)	Start 30 MHz #Res BW 1.0 MHz	#VBW 3.0 MHz	Sweep 4	Stop 19.500 GHz 49.1 ms (8001 pts)	Mkr→
Start for the time         Fraction         Fraction </td <td></td> <td>1 N 1 f (Δ) 2 N 1 f 3</td> <td>1.908 9 GHz (Δ) 21.384 dBm 8.497 0 GHz -45.768 dBm</td> <td>INCTION FUNCTION WIDTH</td> <td>FUNCTION VALUE</td> <td></td>		1 N 1 f (Δ) 2 N 1 f 3	1.908 9 GHz (Δ) 21.384 dBm 8.497 0 GHz -45.768 dBm	INCTION FUNCTION WIDTH	FUNCTION VALUE	
N 1 f 8.497 0 GHz 45.087 dBm	View/Blank Trace On	3 4 5				Mkr→Ref
		6 7 8				
	More	9 10 11 12				м



Lowest Channel / QPSK		Lowest Channel / 16QAM	
two         two <th>Hz Next Peak</th> <th>Marker 1 1.85044500035 GHz         Stree Run #GainLaw         Stree Run #Anter: 30 dB         Stree Run AvgHeid&gt;100100         Tract Tract Run Regime         Marker Run Run Run Run Run Run Run Run Run Run</th> <th>Trace/Det Select Tra</th>	Hz Next Peak	Marker 1 1.85044500035 GHz         Stree Run #GainLaw         Stree Run #Anter: 30 dB         Stree Run AvgHeid>100100         Tract Tract Run Regime         Marker Run Run Run Run Run Run Run Run Run Run	Trace/Det Select Tra
	Next Pk Right	10 dBddw Ref 26.00 dBm 21.820 dBm 20.00 dBm 20	Clear W
	Next Pk Left	142 240 340 40	Trace Aver
art 30 MHz Stop 19.500 G	Marker Delta	40 60 80 Start 30 MHz Stop 19,500 GHz	MaxH
Les BW 1.0 MHz         #VBW 3.0 MHz         Sweep 49.1 ms (8001 p           2 M005 Hg 201         2         9         90/94 ms (8001 p           1 M05 Hg 201         2         9         90/94 ms (8001 p           N         1 f         1.850 4 GHz         (Δ) 22.436 Ms         44.718 dBm           N         1 f         9.497 0 GHz         44.718 dBm         44.718 dBm	Mkr→CF	#Res BW 1.0 MHz         #VBW 3.0 MHz         Sweep 49.1 ms (8001 pts)           ™ 1 M         1 M <td>Min H</td>	Min H
	Mkr→RefLvl	4 5 9 8	View/Bla Trace
status	More 1 of 2	9 10 11 12 10 12 10 10 11 12	1
Middle Channel / QPSK		Middle Channel / 16QAM	
init Spectrum Analyzer - Swept SA         SENSE:BIT         ALSYMATTO         ID9-1727 PMIN07 28, 2014 x 1 4 720 ECONODIC CL1 - TAKE DO PWT           Vex 1 4 720 ECONODIC CL1 - TAKE DO PWT         FRACE DO PWT         TRACE DO PWT	2016 5.6 Peak Search	Aglient Spectrum Analyzer - Swept SA J L RF 50.9 AC SPICE.PM AUGULUTO 19947/06.04May/23.2016 J SPICE.PM AUGULUTO 19947/06.04May/23.2016 Ava Tune: Lee Pur 1942101.3.2.6.6	Peak Searc
Iss         Instantany         #Atten: 30 dB         Mkr1 1.879 7 G           dbl/dv         Ref 26.00 dBm         22.610 dE	Hz NextPeak	PASS irrGainLow #Atten: 30 dB cripPPPPP Ref Offset 8.5 dB Mkr1 1.879 7 GHz 10 dB/div Ref 26.00 dBm 22.221 dBm	NextP
0 Trace 1 Les	Next Pk Right	100 Trace 1 Uss	Next Pk R
	Next Pk Left	340 340	Next Pk
art 30 MHz Stop 19.500 G		640 640 Start 30 MHz Stop 19.500 GHz	Marker D
Les BW 1.0 MHz         #VBW 3.0 MHz         Sweep 49.1 ms (8001 μ           # προσφ μαρ μαρ         ×          # μαρ           N 1 f         (Δ)         1.879 GHz (Δ)         22.510 dBm           N 1 f         8.479 GHz (Δ)         22.510 dBm	Mkr→CF	#Res BW 1.0 MHz         #VBW 3.0 MHz         Sweep 49.1 ms (8001 pts)           C2 INCE 102 # 600 # 1	Mkr-
N 1 f (L) 1879 7 GHz (L) 22510 dBm N 1 f 8.4970 GHz 45.226 dBm	Mkr→RefLvl	3 4 6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Mkr→Rei
istana i	More 1 of 2	8 9 10 10 10 10 10 10 10 10 10 10 10 10 10	<b>M</b> 1
Highest Channel / QPSK		Highest Channel / 16QAM	
lent Spectrum Analyzer - Swept SA	2016	Aglient Spectrum Analyzer - Swept SA	
arker 1 1.908855000965 GHz         Mot Fut Colspan="2" Mot Fut Colspa=	Hz Next Peak	Marker 1         1.908855000965         CH2         Avg Tyse Leg Per Avg Ty	Trace/Det Select Tra
9 Trace 1 1ss	Next Pk Right		ClearW
	Next Pk Left		Trace Aver
	Marker Delta	640	MaxH
art 30 MHz Stop 19.500 C Stop 19.5		Start 30 MHz         Stop 19,500 GHz           #res BW 1.0 MHz         #VBW 3.0 MHz         Sweep 49.1 ms (8001 pts)           C2 Docs [cc] [cc]         C3 000 GHz (cl) 21.021 dBm         F004000 F000000 F0000000 F0000000000000	Min H
	Mkr→RefLvl	44,5// 00m	View/Bla Trace
	More 1 of 2	9 10 11 12	N 1



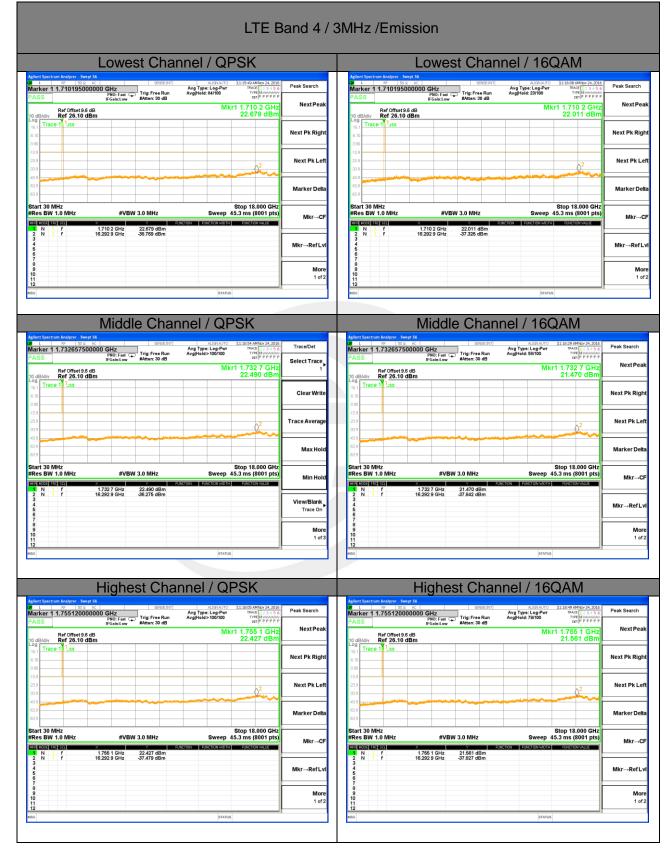
Lowest Channel / QPSK		Lowest Channel / 16QAM		
Ifent Spectrum Analyzer - Swept SA	Peak Search	Agilent Spectrum Analyzer - Swept SA         SENSE.B/T         ALST/AUTO         D952:04 РИМИИ 23,2016           01         65         50.0         AC         SENSE.B/T         ALST/AUTO         D952:04 РИМИИ 23,2016	Trace/Det	
Arker 1         1.852878750936         GHz         Avg Type: Log-Pwr         Truck Field 12:38:50           PNO: Fast         Trig: Free Run         Avg[Hold: 52/100         Tridit Research 12:38:50           ASS         IfFolinit.ow         #Mater: 30 dB         Tridit Research 12:38:50		Marker 1         1.852878750936         GHz         Avg Type: Leg-Pwr         Three[]: 24.56           PASS         IFIG=Init.row         #Atten: 30 dB         Avg Type: Leg-Pwr         Three[]: 24.56	Select Tra	
Ref Offset 8.5 dB Mkr1 1.852 9 GHz I dB/div Ref 25.50 dBm 21.269 dBm	NextPeak	Ref Offset 85 dB Mkr1 1.852 9 GHz 10 dB/div Ref 25.50 dBm 21.743 dBm		
S5 Trace 1 Liss	Next Pk Right	Log 155 Trace 1 Juss	ClearW	
50 50 50		4.50		
45	Next Pk Left	-14.5	Trace Aver	
		345 445		
4.5	Marker Delta	845	MaxH	
tart 30 MHz Stop 19.500 GHz Res BW 1.0 MHz #VBW 3.0 MHz Sweep 49.1 ms (8001 pts)		Start 30 MHz Stop 19.500 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 49.1 ms (8001 pts)		
REWINE TOP STILL Y CINETION WOTH DIRECTION WITH	Mkr→CF	MER MODE TRC SCL X Y FUNCTION WIDTH FUNCTION VALUE	Min H	
N 1 Γ (Δ) 1.8529 GHz (Δ) 21.259 dBm 2 N Γ Γ 8.497 0 GHz -46.740 dBm	Mkr→RefLvl	N 1 f (Δ) 19529 GHz (Δ) 21743 dBm 2 N 1 f 8.497 0 GHz 45.224 dBm 4	View/Bla	
5 5 7		6 6 7	Trace	
9 9 5	More 1 of 2	e 9 10 10 11	N 1	
0 2 9 9 9 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1		11 12 M50 STATUS		
Middle Channel / QPSK		Middle Channel / 16QAM		
Mint Spectrum Analyser - Swept SA         Strike Epit         ALISTATUTO         D9-S121         MM/07/23, 2010           MF         50.0         AC         Strike T1         ALISTATUTO         D9-S121         MM/07/23, 2010           Arker T1         17.2723         AR4E         L         Avg Type: Log-Pur         TRACE         D1-34.5	Trace/Det	Agrient Spectrum Analyser - Swept SA         Select S1         ALSTANTO         DPS:0501PMI/byt 23,2010           M         L         6F         50 °         AC         Select S1         ALSTANTO         DPS:0501PMI/byt 23,2010           Marker 11 AP27348750946 GHz         Avg Type: Leg Pwr         TRACE         D1 45 °	Peak Search	
ASS PNO: Fast Trig: Free Run Avg Hold>100/100 TYPE MINIMUM ASS IFGain:Low #Atten: 30 dB	Select Trace	PASS PNO: Fast Trig: Free Run Avg Hold: 34/100 TV#[Minimum IFGain:1.ow #Atten: 30 dB ter P P P P P P	NextP	
Ref Offset 25.50 dBm 22.442 dBm 22.442 dBm 22.442 dBm 22.442 dBm 22.442 dBm 24.442 dBm 24.444 dBm 2	1	Interference         Mkr1 1.872 3 GHz           Log diket         Ref 25.50 dBm         21.373 dBm           Log Trace         Lss         21.373 dBm	NextP	
Trace 1 1.ss	Clear Write	155 500	Next Pk Ri	
45		4 00		
45	Trace Average	-24.5	Next Pk L	
15		34.5 44.5		
15	Max Hold	64.5	Marker D	
tart 30 MHz Stop 19.500 GHz Res BW 1.0 MHz #VBW 3.0 MHz Sweep 49.1 ms (8001 pts)	Min Hold	Start 30 MHz         Stop 19.500 GHz           #Res BW 1.0 MHz         #VBW 3.0 MHz         Sweep 49.1 ms (8001 pts)	Mkr⊸	
2 10062 Hα Stol X FUNCTION RANGING HI RANGI		Cost Mades         Ref std.         ×          Αλλείου         Αλλείο	MIKI -	
2 N F 8.497 0 GHz 44.595 dBm	View/Blank	2 N 1 0.407 0 012 40.200 (Dill 3 4 4	Mkr→Ref	
5 7 8		6 7 8		
9 0 1 2	More 1 of 3	9 10 11 12	<b>M</b> 1	
g status		12 NSG STATUS		
Highest Channel / QPSK		Highest Channel / 16QAM		
Main Spectrum Analyzer, Swept SA         BBEC BIT         AU374A/T0         D95303 PMI0r 23, 2010           R.L         RF         D30 = AC         BBEC BIT         AU374A/T0         D95303 PMI0r 23, 2010           R.L         RF         J30 = AC         Trig: Free Run         Avg Type: Leg.Plant         TWARD 12, 3 4, 5 6           R.S         FEGLAW         Address of B         FEGLAW         Avg Type: Leg.Plant         TWR MINAWAY	Peak Search	Agent Spectral Analyzer: Swept SA         SPREED/T         ALSPLATO         D0 SAC         SSREED/T         ALSPLATO         D0 SSSS SSREED/T         D0 SSSSS SSREED/T         D0 SSSSSSSS         D0 SSSSSSSEED/T         D0 SSSSSSSSEED/T         D0 SSSSSSSSEED/T         D0 SSSSSSSSEED/T         D0 SSSSSSSEED/T         D0 SSSSSSSEED/T         D0 SSSSSSSEED/T         D0 SSSSSSSEED/T         D0 SSSSSSSEED/T         D0 SSSSSSEED/T         D0 SSSSSEED/T         D0 SSSSSEED/T         D0 SSSSSSEED/T         D0 SSSSSEED/T         D0 SSSSSEED/T </td <td>Peak Search</td>	Peak Search	
455 IFGain:Low #Atten: 30 dB	Next Peak	PASS IFGain:Low #Atten: 30 dB	NextP	
dB/div Ref 25.50 dBm 21.050 dBm		Ber Offset 85 dB         Mkr1 1.908 9 GH2           10 dBldw         21.593 dBm           Log         Trace 1           1ss         Trace 1		
50	Next Pk Right	5.60	Next Pk Ri	
50 		4.90		
	Next Pk Left		Next Pk I	
45	Marker Delta	64.5	Marker D	
دة tart 30 MHz Stop 19.500 GHz		64.5		
Res BW 1.0 MHz #VBW 3.0 MHz Sweep 49.1 ms (8001 pts)	Mkr→CF	#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 49.1 ms (8001 pts)	Mkr–	
22 1000 [128 500] 2× FORMATION PARAMENTING PERMITTING PERMITTAL PERMITTA		Τρατιδιακή είεια         ×         Υ         Αλιτικτών         Αλιτικτών           1         Ν         1         Γ         (Δ)         10.09 9 GHz (Δ) 21593 GHz         (Δ)         21593 GHm           3         1         f         8.497 0 GHz         45.986 dBm         45.986 dBm         1		
6 7	Mkr→RefLvl	3 4 6 6	Mkr→Ref	
	More	7 8 9 10 11 12	м	



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Lowest Channel / QPSK		Lowest Channel / 16QAM	
ant Spectrum Analyzer - Swept SA		Agilent Spectrum Analyzer - Swept SA	
L PF 100 AC 995EB/TI AUXINUTO 11:1940/APV6-24.2016 rker 1 1.710195000000 GHz Trig: Free Run Avg Feld>100/100 700 700 700 700 700 700 700 700 700	Peak Search	U         pr         top         A         Stetem         Ausnum         Tube           Marker 1 1.710195000000 GHz         Trig: Free Run         Avg1Held: 33100         Tract El: 24.5 6         Avg1Held: 33100         Tract El: 24.5 6           PASS         Free Run         Avg1Held: 33100         Tract El: 24.5 6         Avg1Held: 33100         Tract El: 24.5 6	Peak Search
Parf Offrance & dD Mkr1 1.710 2 GHz	NextBack	Par Offeet 9.6 dB Mkr1 1.710 2 GHz	NextP
ABJdiv Ref 76.10 dBm 22.977 dBm 22.977 dBm		10 dB/div Ref 26.10 dBm 21.716 dBm 21.716 dBm	
	Next Pk Right	6.10	Next Pk Ri
9		-390 -139	
9 9	Next Pk Left	-23.9 -33.9	Next Pk
9	Marker Delta	-639	Marker
art 30 MHz Stop 18.000 GHz es BW 1.0 MHz #VBW 3.0 MHz Sweep 45.3 ms (8001 pts)		Start 30 MHz Stop 18.000 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 45.3 ms (8001 pts)	Mkr-
Mode         TRC   SQ.         X         FUNCTION         FUNCTION WIGH         FUNCTION VALUE           N         1         f         1.710.2 GHz         22.977 dBm         Bm		ID22 R0050 R0         R00-100	MIKI
N 1 f 16/292 9 GHz 37,367 dBm	Mkr→RefLvl	N 1 f 1.7102 GHz 21.716 dBm 2 N 1 f 16.2929 GHz 39.060 dBm 4	Mkr→Re
		6 7	
	More 1 of 2	89 99 10 11 12	N
INTATUS		11 12 MIG STATUS	
l laveraal			
Middle Channel / QPSK		Middle Channel / 16QAM	
nit Spectram Andrary, Swep 154 9 80 00 4 4 9900 4 1 12005 AMINO 112005 AMINO 4242010 rker 1 1.732657500000 GHz. Avg Type Log Perr TAX	Peak Search	Addred Spectrum Analyzer - Swept 34.         BEREF201         RL2264/00         312032 AMNex 34.2006           Marker 1 1.732657500000 GHz - Swept - Swept - Trig: Free Run         Avg Tipse Leg Perr         Trig: Swept - Sw	Peak Searcl
SS IFGain:Low #Atten: 30 dB DET PPPPP		PASS IFGain:Low #Atten: 30 dB DET PPPPP	
Ref Offset 9.5 dB         Mkr1 1.732 7 GHz           dB/div         Ref 26.10 dBm         22.389 dBm	NextPeak	Ref Offset 9.6 dB Mkr1 1.732 7 GHz 10 dB/dlv Ref 26.10 dBm 22.421 dBm	NextP
Trace 1 Lss	Next Pk Right	16.1 Trace 1 Liss	Next Pk Ri
		610 330	NEXTERN
9	Next Pk Left	-139	Next Pk I
		339 -39	
	Marker Delta	409 409	Marker D
art 30 MHz Stop 18.000 GHz		Start 30 MHz Stop 18.000 GHz	
es BW 1.0 MHz #VBW 3.0 MHz Sweep 45.3 ms (8001 pts) (Mode 118] SCI x Y FUNCTION MOTH FUNCTION WORK	Mkr→CF	#Res BW 1.0 MHz         #VBW 3.0 MHz         Sweep 45.3 ms (8001 pts)           wss word         renetron         renetron	Mkr-
N 1 f 1.732 7 GHz 22.389 dBm N 1 f 16.292 9 GHz - 38.080 dBm		1 N 1 f 1.732 7 GHz 22.421 dBm 2 N 1 f 16.292 9 GHz 37.041 dBm	
	Mkr→RefLvl	4 6 6	Mkr→Ref
	More	7	N
	1 of 2	9 10 11	1
STATUS		MBG STATUS	
Highest Channel / QPSK		Highest Channel / 16QAM	
L # 500 AC SPREAT ASTRATO 112220 ANNEXA 25 ASTRATO 112220 ANNEXA 25 ASTRATO 112220 ANNEXA 25 ASTRATO 12230 ASTRATO 123 ASTRATO	Peak Search	D         L         PP         S00 x         Selection         Altraction         L2124 Matrix 43.05           Marker 11,755120000000 GHz         PROS Trig: Free Run PASS         Trig: Free Run Frei Gaint. W         Arg Type: Log-Rvn Atten: 00 dB         Trig: Free Run Atten: 00 dB         Trig: Free Run Atten: 00 dB         Trig: Free Run Pros Run	Peak Search
IFGain:Low Anten: 30 dB	NeutBeat	Mkr1 1.755 1 GHz	NextP
Br/Officet 9 a dB Mkr1 1.755 1 GHz Bildiv Ref 26.10 dBm 22.010 dBm Trace 11 1.55		10 dBddv Ref 26.10 dBm 22.908 dBm 1 10 dBddv Ref 26.10 dBm 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Next Pk Right	610 	Next Pk R
	Next Division		Next B
9	Next Pk Left	33.9	Next Pk
	Marker Delta	439	Marker D
9 30 MHz Stop 18.000 GHz		639	
es BW 1.0 MHz #VBW 3.0 MHz Sweep 45.3 ms (8001 pts)	Mkr→CF	#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 45.3 ms (8001 pts)	Mkr-
Y         State (N)         State		MORE Model         BENCHTON MODEL         BUNCHTON MO	
	Mkr→RefLvl	3 4 5	Mkr→Ref
		6 7 8	
	More 1 of 2	9 10 11 12	<b>M</b> 1







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#### LTE BAND 4

	5MHz /Emission	
Lowest Channel / QPSK	Lowest Channel / 16QAM	
L W 205 AC Second Second Application Second Application Statistics Application Statistics Application Second Applications Applications and App	Marker 1         1.710195000000         GHz         Secent         Atstanto         Distantow         Tra           Marker 1         1.710195000000         GHz         Trg         Free Run         Avg1beid: \$100         Trg         Trg           PASS         IFG0.ram         Trg         Free Run         Avg1beid: \$100         Trg         Sele           Pass         IFG0.ram         Trg         Free Run         Avg1beid: \$100         Ref (Free PP PP PP PP)         Sele	ace/Det ect Trac
Art Orfset 56 dB     Mkr1 1.710 2 GHz       Oddkriv     Ref 26.10 dBm       22.144 dBm       Trace 11 uss       100	Log Trace 1 Luss	Clear Wr
139 279 379 379 379 379 379 370 370 370 370 370 370 370 370 370 370		e Avera
All Andrew Delta Marker Delta Start 30 MHz Stop 18,000 GHz	Start 30 MHz Stop 18.000 GHz	Max Ho
Res BW 1.0 MHz         #VBW 3.0 MHz         Sweep         45.3 ms (8001 pts)         MkrCF           10 Microsoft (12 microsoft)         17.10 2 0Hz         22.144 dBm         #054000010 000000000000000000000000000000	#Res BW 1.0 MHz         #VBW 3.0 MHz         Sweep 45.3 ms (8001 pts)           VXX foxed kee kee         ×         4014660         40.44600         40.44600           N         f         1.710 2 GHz         38.591 dBm         40.44600         40.446000         40.446000           2         N         f         16.292 9 GHz         38.591 dBm         40.446000         40.4460000         40.4460000	Min Ho
3 4 6 MkrRefLvi	Vie	ew/Blan Trace C
5 More 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	9 10 11 12 10 10 12 10 10 10 10 10 10 10 10 10 10 10 10 10	<b>M</b> d 1 d
Middle Channel / QPSK	Middle Channel / 16QAM	
gfun Syectrum Andyner - Swept SA L #7 100 50 40	Aginan Spectrum Analyzer Swept SA         SSNEE301         ASSNATIO \$113553 AMURY 24.2016           W         L         PP         500 - AC         SSNEE301         ASSNATIO \$113553 AMURY 24.2016           Marker 11,730411250000 GHz         Type: Log-Pwr         Park         Park         Park	Search
Ref Offset 9.6 dB         Mkr1 1.732 7 GHz         Next Peak           0 dB/div         Ref 26.10 dBm         22.154 dBm	Ref Offset 9.6 dB         Mkr1 1.730 4 GHz           10 dBldlv         Ref 25.10 dBm         22.508 dBm	NextPe
"Trace 1" Lss	Tace 11 Lss         Next           60	t Pk Rig
239 Next Pk Left		ext Pk L
Start 30 MHz Stop 18,000 GHz	639 Star1 30 MHz Stop 18.000 GHz	ırker De
Res BW 1.0 MHz         Sweep 45.3 ms (8001 pts)           Mkr—CF           Optimizing 100 100 100 100 100 100 100 100 100 10	#Res BW 1.0 MHz         #VBW 3.0 MHz         Sweep 45.3 ms (8001 pts)           WK WKKG KHZ 502         X         Y         Fatterion         Patricinon         Patricino	Mkr→
3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		r→RefL
9 More 10 11 12 12 12 15 16 16 16 16 16 16 16 16 16 16 16 16 16	9 10 11 12 12	<b>M</b> d 1 d
Lishest Channel / ODSI/		
Highest Channel / QPSK           Biological Analysis	Highest Channel / 16QAM	Search
Open Lystem Angrynt Hange 24         Seven III         ALVANOTO         IIII-41 AMwor 24, 2016         Peak Search           Aarkeer 11.755120000000 GHz         Trigs Free Run IFGaint aw         Trigs Free Run Avegifreid 7010         Avegifreid 7010         Trigs Free Run Avegifreid 7010	PASS PRO: EGain.low #Atten: 30 dB	NextPe
Op         Trace 1*1.ss         Next Pk Right           300	16.1 Hace 1 4.35	t Pk Rig
139 239 39 39 39 39 39 39 30 30 30 30 30 30 30 30 30 30 30 30 30	139 239 339 339 49 49 49 49 49 49 49 49 49 4	ext Pk L
53.9 Marker Delta	639 639 Start 30 MHz Stop 18.000 GHz	irker De
839	#Dec BW 10 MHz #V/BW 30 MHz Sween 45.3 mc (2001 ntc)	
23 Stop 18,000 GHz Start 30 MHz Stop 18,000 GHz Kes BW 1.0 MHz #VBW 3.0 MHz Sweep 45.3 ms (8001 pts) C1 00231 H2 Est 2,751 (1Hz 21 731 (100) 1.014100 (1Hz 21 731 (100)) C1 00231 H2 Est 2,751 (1Hz 21 731 (1Hz 2171 (1Hz 21 731 (1Hz 21 731 (1Hz 21 731 (1H	MKR[ MODE] TRC[ SCL] X Y FUNCTION FUNCTION WOTH FUNCTION VALUE	Mkr⊸
23 Stop 18.000 GHz Start 30 MHz #VBW 3.0 MHz Stop 18.000 GHz Res BW 1.0 MHz #VBW 3.0 MHz Stop 45.3 ms (8001 pts) Mkr⊸CF ag Modi (12 Sto) × Y FUNCTION FUNCTIONE REAL PARTICIPALING	N         F         17251         PARTIE         F	Mkr→4 r→RefL Mo

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