

Report No.: SZEM170700703401 Page: 98 of 176

Spectrun	n								(₩
	I 35.00 dB		et 5.00 dB 👄						`
e Att	40 (	ib 😑 SWT	1 s 👄	<b>VBW</b> 300 k	Hz Mode	Auto Swee	p		,
⊖1Rm Max				1	1				
30 dBm					M	1[1]			31.51 dBm
So abin						1	1	1.75	50090 GHz
20 dBm——									
10 dBm									
and a second		-							
0 dBm——				m					
-10 dBm—									
	D1 -13.00	10 dBm							
-20 dBm									
1									
-30 dBm—				h h	1				
-30 abiii					man				
10 -10						- manuna		man	
-40 dBm—									7
									Unigeneration
-50 dBm—									
-60 dBm									
CF 1.755 (	L GHz			1001	L pts			lSpan	20.0 MHz
	)(					suring			22.12.2016
						saring			16:43:50

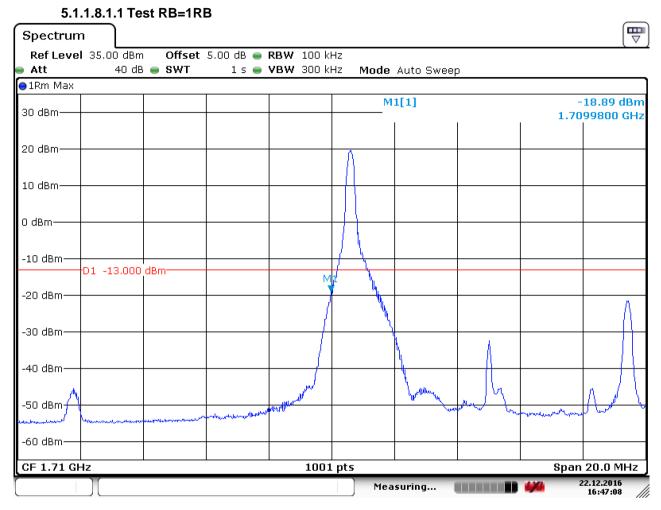
Date: 22.DEC.2016 16:43:51

#### 5.1.1.8 Test Mode = LTE/TM2 10MHz



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### 5.1.1.8.1 Test Channel = LCH



Date: 22.DEC.2016 16:47:08

#### 5.1.1.8.1.2 Test RB=50RB



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Spectrun	ı	Ì														$\overline{\nabla}$
Ref Leve								100 k							`	_
Att		40 dB		SWT		1 s 😑	VBW	300 k	Hz	Mode	Auto S	iweep				
●1Rm Max																
30 dBm										M	1[1]				-32.59 dBr	
SU UBIII											1	1		1.70	)99800 GH I	łz
20 dBm——																
10 dBm																
0 dBm										personances	and the second second	~~~	- and the second se		- Primare and	
										[						
-10 dBm																
	D1 -1	з.000	dBm													
-20 dBm—																
-20 0011															)	
								м	J							1
-30 dBm—									7							
					- Automotion	- and an and an and an an		and Star and								
-40 dBm		man	10-14 10-14	and the baseline states	<u></u>											
and the second second	- source a															
-50 dBm—																
-60 dBm							_									
CF 1.71 G	lz							1001	l pi	ts		_		-	20.0 MHz	z
[	Л									Mea	suring.	. 0		- <b></b>	22.12.2016 16:47:32	

Date: 22.DEC.2016 16:47:33

5.1.1.8.2 Test Channel = HCH

#### 5.1.1.8.2.1 Test RB=1RB



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Spectrum	ı )										
Ref Level				5.00 dB 👄							
Att	40	) dB 😑	SWT	1 s 👄	<b>VBW</b> 300	) kHz	Mode	Auto Swee	0		
●1Rm Max					1						
30 dBm							M	1[1]	1		•19.76 dBm 50090 GHz 
20 dBm					Δ						
10 dBm											
0 dBm											
-10 dBm—	D1 -13.0	)00 dBn	n								
-29, dBm					1	M1					
-30 dBm					1						
-40 dBm			٨		ſ						
			JA	my		1	L.				Λ
r450 dBrojff	hank	the production of the second s	<u>⊢ U h</u>	w			"umu	-	and and a graded and a stand of the	on and the second	Luna
-60 dBm											
CF 1.755 G	Hz			I	10	01 pts		I	I	Span	20.0 MHz
	)[						Mea	suring		<b>4/4</b> 2	22.12.2016 16:45:07

Date: 22.DEC.2016 16:45:08

#### 5.1.1.8.2.2 Test RB=50RB



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Spectrun	n	)										
Ref Leve	I 35.0					RBW						
Att 1Rm Max		40 dB	•	SWT	1 s 👄	VBW	300 k	Hz Mode	Auto Swee	ep		
30 dBm-								M	11[1]			-31.36 dBm 550090 GHz
20 dBm												
10 dBm												
0 dBm	~~~				 							
-10 dBm	D1 -1	13.000	dBm-									
-20 dBm—							+					
/-30 dBm							}	1	min			
-40 dBm									- where	munun	and the second second	man
-50 dBm												
-60 dBm												
CF 1.755 C	GHz						100	L pts				20.0 MHz
	J							Mea	asuring		<b>44</b>	22.12.2016 16:44:15

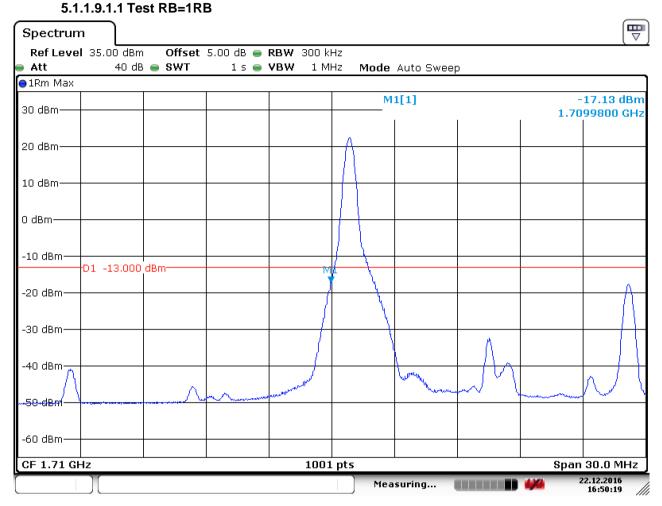
Date: 22.DEC.2016 16:44:14

#### 5.1.1.9 Test Mode = LTE/TM1 15MHz



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### 5.1.1.9.1 Test Channel = LCH



Date: 22.DEC.2016 16:50:19

#### 5.1.1.9.1.2 Test RB=75RB



Report No.: SZEM170700703401 Page: 104 of 176

Spectrum	ι							
	l 35.00 dBn			<b>RBW</b> 300 ki				`
e Att	40 dB	B 🔵 SWT	1 s 👄	VBW 1 M	Hz Mode	Auto Sweep		
⊖1Rm Max		1		1				
30 dBm					M	1[1]		-29.42 dBm
oo abiii						1 1	1	1.7099800 GHz
00 JB								
20 dBm								
10 dBm								
					· · · · · · · · · · · · · · · · · · ·		·····	
0 dBm								
-10 dBm								
	D1 -13.000	i dBm						
-20 dBm								
20 0.011								
00 dB				M	¥			\ \
-30 dBm			· · · · · · · · · · · · · · · · · · ·					
		m	$\gamma \sim$					
-40 dBm								
-50 dBm——								
-60 dBm								
CF 1.71 GH	lz			1001	pts		8	pan 30.0 MHz
					Mea	isuring 🚺		22.12.2016 16:51:03

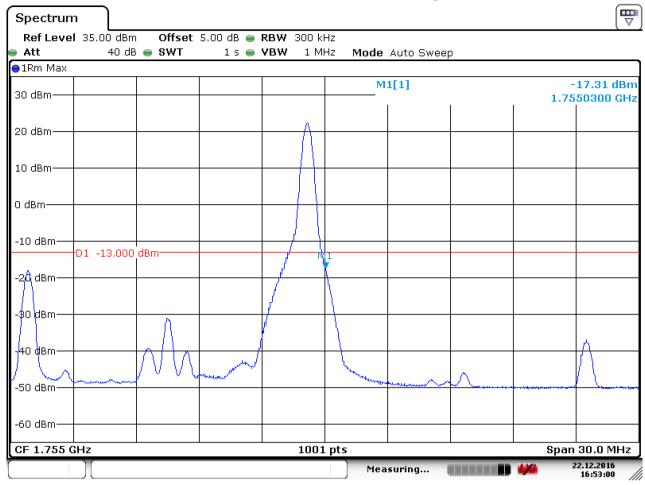
Date: 22.DEC.2016 16:51:03

5.1.1.9.2 Test Channel = HCH

#### 5.1.1.9.2.1 Test RB=1RB



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Date: 22.DEC.2016 16:53:00

#### 5.1.1.9.2.2 Test RB=75RB



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Spectrun	n	)											
Ref Leve	<b>I</b> 35.0				: 5.00		RBW						`
Att		40 dB	-	SWT		1 s 😑	VBW	1 M	Hz <b>Mod</b>	e Auto Sw	еер		
⊖1Rm Max													
30 dBm										M1[1]			-28.64 dBm 50300 GHz
											1	1.70	
20 dBm													
20 00111													
10 dBm													
	]							~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					
0 dBm													
-10 dBm—	-D1 -1	13.000	dBm-										
-20 dBm					_								
/								k	1				
-30 dBm—					_				Manager and a second se				
												moundan	m.
-40 dBm—													- Junton
-50 dBm—													
-60 dBm—					_								
								1001				0	00.0 MU
CF 1.755 (	HZ							1001					22.12.2016
									M	easuring		<b>4</b> /4	22.12.2016 16:52:31

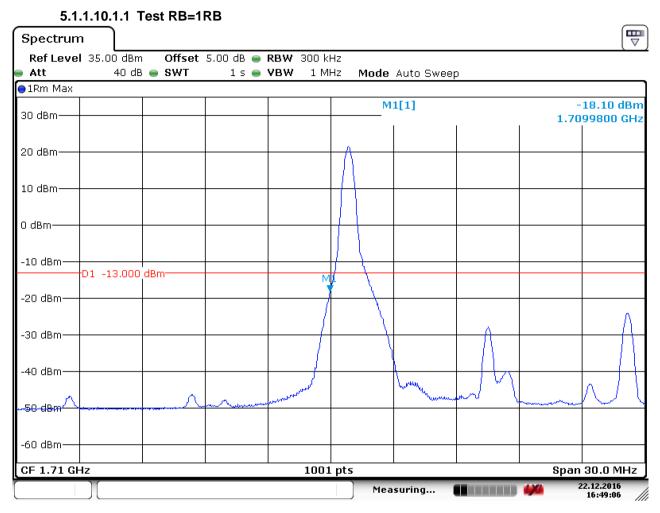
Date: 22.DEC.2016 16:52:31

#### 5.1.1.10 Test Mode = LTE/TM2 15MHz



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5.1.1.10.1 Test Channel = LCH



Date: 22.DEC.2016 16:49:06

#### 5.1.1.10.1.2 Test RB=75RB



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Spectrun	n								
	l 35.00 dBn		5.00 dB 👄						`
e Att	40 dE	B 🖷 SWT	1 s 👄	VBW 1 M	Hz Mode	Auto Swe	еер		
⊖1Rm Max	1	1	1						
30 dBm					M	1[1]			·30.06 dBm 199800 GHz
00 42111						1	I	1.70	99800 GHZ
20 dBm									
20 ubiii									
10 dBm——									
						+			
0 dBm									
-10 dBm—									
	D1 -13.000	I dBm							
-20 dBm—									
-30 dBm				M	1				\ \
				and a survey of the survey of					
-40 dBm—									
	- And a start of the start of t								
-50 dBm									
-30 UBIII									
-60 dBm									
CF 1.71 G	Hz	1	1	1001	pts	1	I	Span	30.0 MHz
	)[				Mea	asuring		<b>4/4</b> 2	22.12.2016 16:51:28

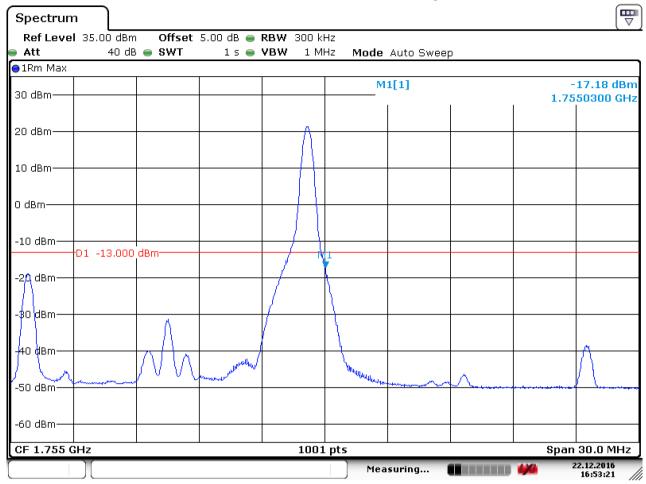
Date: 22.DEC.2016 16:51:27

5.1.1.10.2 Test Channel = HCH

#### 5.1.1.10.2.1 Test RB=1RB



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Date: 22.DEC.2016 16:53:22

#### 5.1.1.10.2.2 Test RB=75RB



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Spectrun	n								
Ref Leve			et 5.00 dB 👄						`
Att	40	i dB 😑 SWT	1 s 👄	<b>VBW</b> 1 M	Hz Mode	Auto Swee	ep		
⊖1Rm Max	1					4543			<u></u>
30 dBm					IVI	1[1]			28.82 dBm 50300 GHz
20 dBm									
10 dBm									
0 dBm									
- abiii									
-10 dBm—									
	D1 -13.0	)00 dBm							
-20 dBm									
20 0011					-				
/ -30 dBm—				۳. ۲					
-30 abiii					- marken and an	- mundle marker	-		
-40 dBm—							Consequences of the second	man man man	
-+0 4611									and the second second
-50 dBm									
-JU UBIII									
-60 dBm									
-00 UBIII									
CF 1.755 (	GHz			1001	pts	·	•	Span	30.0 MHz
					Mea	suring		2	22.12.2016 16:52:05

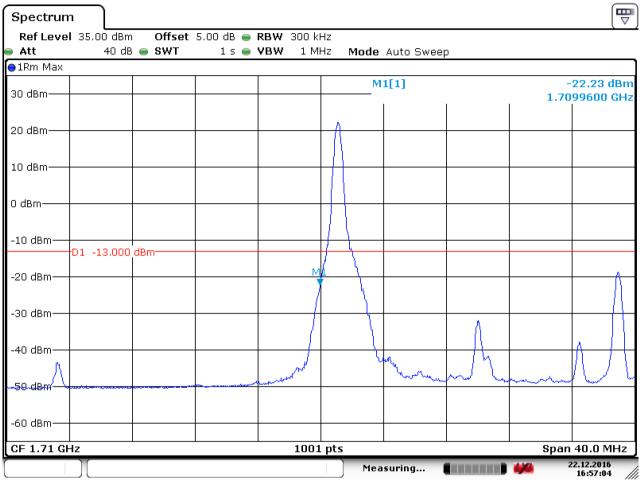
Date: 22.DEC.2016 16:52:05

#### 5.1.1.11 Test Mode = LTE/TM1 20MHz



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#### 5.1.1.11.1 Test Channel = LCH



5.1.1.11.1.1 Test RB=1RB

Date: 22.DEC.2016 16:57:05

### 5.1.1.11.1.2 Test RB=100RB



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Spectrun	n								
	l 35.00 dBn		5.00 dB 👄						`
e Att	40 d£	B 👄 SWT	1 s 👄	VBW 1 M	Hz Mode	Auto Swe	еер		
⊖1Rm Max	1	1	1						
30 dBm					M	11[1]			31.75 dBm
SS dbiii						1	1	1.70	199600 GHz
20 dBm									
10 dBm									
					سينسر				money
0 dBm									
-10 dBm—									
	D1 -13.000	dBm							
-20 dBm—									
									{
-30 dBm				м	1				L V
00 00				man	×				
-40 dBm—									
-40 ubiii									
-50 dBm—									
-60 dBm—									
CF 1.71 G	I Hz	1		1001	pts	1		l Span	40.0 MHz
						asuring			22.12.2016
						as an ingin			16:57:40

Date: 22.DEC.2016 16:57:40

5.1.1.11.2 Test Channel = HCH

#### 5.1.1.11.2.1 Test RB=1RB



Report No.: SZEM170700703401 Page: 113 of 176

Spectrum	ı )								
	35.00 dBm		5.00 dB 👄						`
Att	40 dB	🛛 🔵 SWT	1 s 👄	<b>VBW</b> 1 M	Hz Mode	Auto Swe	ер		
⊖1Rm Max									
30 dBm					M	1[1]	1 1		1.22 dBm 0300 GHz
20 dBm									
10 dBm									
0 dBm									
-10 dBm	D1 -13.000	dBm							
-20 dBm					1				
-30 dBm									
		Λ							٨
-40 dBm-4	~	$\mathcal{N}\mathcal{N}$	mont	ď	In the work of the second				
-50 dBm									
-60 dBm									
CF 1.755 G	Hz			1001					0.0 MHz
					Mea	suring		<b>//</b> 22.1	12.2016 6:55:05

Date: 22.DEC.2016 16:55:05

#### 5.1.1.11.2.2 Test RB=100RB



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Spectrun	n								
Ref Leve			et 5.00 dB 👄						
Att	40	dB 🖷 SWT	1 s 🖷	<b>VBW</b> 1 M	Hz Mode	Auto Swe	ер		
⊖1Rm Max	1								00.00 ID
30 dBm					IVI	1[1]			·29.80 dBm i50300 GHz
20 dBm									
10 dBm									
0 dBm									
-10 dBm-									
	D1 -13.0	)00 dBm							
-20 dBm—									
/ -30 dBm—				h h	1				
-40 dBm									
-50 dBm—									
-60 dBm—									
CF 1.755 (	GHz		I	1001	pts	·		Span	40.0 MHz
					Mea	isuring		444	22.12.2016 16:54:37

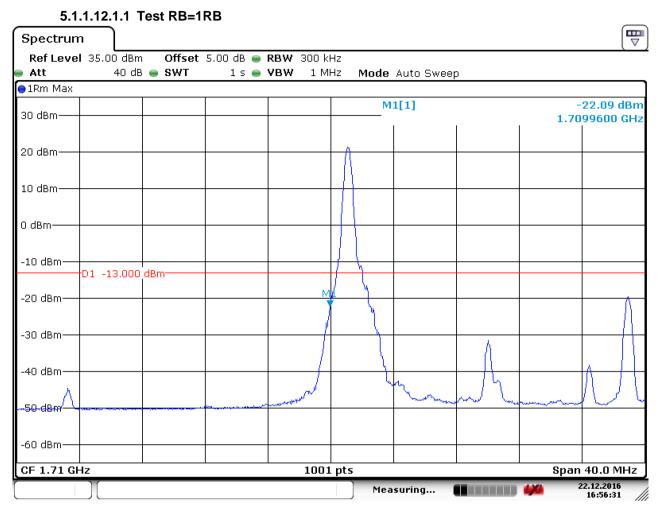
Date: 22.DEC.2016 16:54:38

### 5.1.1.12 Test Mode = LTE/TM2 20MHz



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5.1.1.12.1 Test Channel = LCH



Date: 22.DEC.2016 16:56:31

#### 5.1.1.12.1.2 Test RB=100RB



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Spectrun	n								
	l 35.00 dBn		: 5.00 dB 👄						`
Att	40 d£	B 😑 SWT	1 s 👄	VBW 1 Mł	Hz Mode	Auto Swe	ep		
⊖1Rm Max	1		1						
30 dBm					M	1[1]			32.16 dBm 99600 GHz
						1	1	1.70	99000 GHZ
20 dBm									
20 0011									
10 40									
10 dBm									
					mon				manny
0 dBm——									
-10 dBm—	D1 -13.000								
	DI -13.000								
-20 dBm—									
-30 dBm—				M	1/ #				
				- un and a second					
-40 dBm—									
	and the second second	1							
-50 dBm									
-60 dBm			_						
CF 1.71 G	Hz			1001	pts				40.0 MHz
					Mea	suring		4/4	22.12.2016 16:57:58

Date: 22.DEC.2016 16:57:58

5.1.1.12.2 Test Channel = HCH

#### 5.1.1.12.2.1 Test RB=1RB



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Spectrum	ı )								
	35.00 dBm			<b>RBW</b> 300 k					`
Att	40 dE	B 🔵 SWT	1 s 👄	<b>VBW</b> 1 M	Hz Mode	Auto Swe	ер		
●1Rm Max									00.40 ID
30 dBm						1[1]	I		22.12 dBm 50300 GHz 
20 dBm				Λ I					
10 dBm									
0 dBm									
-10 dBm	D1 -13.000	d®m		$  \rangle  $					
-2Å dBm	DI -13.000				1				
-30 dBm					4				
		Δ			$\left  \right\rangle$				
-#0 dBm-	~	JΛ	~~~	/	hunner				Λ
-50 dBm						The construction of the second	1		, <u>, , , , , , , , , , , , , , , , , , </u>
-60 dBm					-				
CF 1.755 G	Hz			1001			_	-	40.0 MHz
					Mea	suring		- <b>4/4</b> 2	22.12.2016 16:55:41

Date: 22.DEC.2016 16:55:41

#### 5.1.1.12.2.2 Test RB=100RB



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Spectrun	n										
Ref Leve				5.00 dB							
Att 1Rm Max	4	ЮdB ∈	SWT	1 s	e vbw	1 MH	z Mode	Auto Swe	ер		
30 dBm							M	1[1]	1		29.92 dBm 50300 GHz
20 dBm											
10 dBm											
0 dBm											
-10 dBm—	D1 -13	.000 dB	m								
-20 dBm—											
-30 dBm											
-40 dBm—											
-50 dBm—											
-60 dBm						1001	nte				40.0 MU
CF 1.755 (	3HZ					1001				-	40.0 MHz
							Mea	suring			16:54:09

Date: 22.DEC.2016 16:54:09



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### 6 Spurious Emission at Antenna Terminal

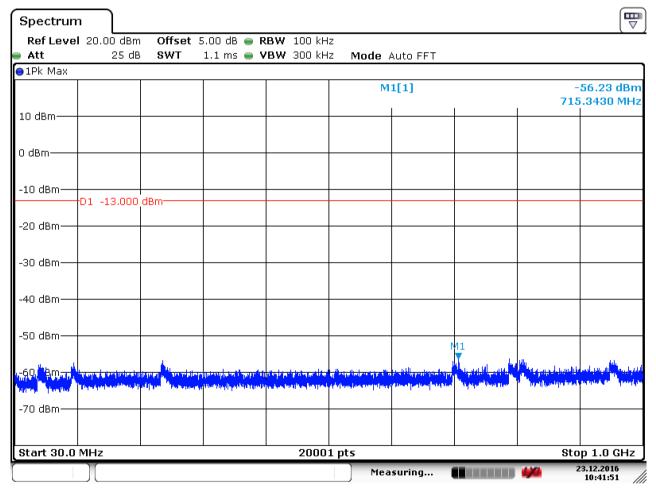
NOTE: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k \* (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

### 6.1 For LTE

- 6.1.1 Test Band = LTE band4
- 6.1.1.1 Test Mode = LTE / TM1 1.4MHz RB1#0

6.1.1.1.1 Test Channel = LCH



Date: 23.DEC.2016 10:41:51



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Spectrun	n								
	l 20.00 dBm		5.00 dB 😑 R						
Att	25 dB	SWT	27 ms 🛑 <b>V</b>	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max	1		1						
					M1[1] -31.34 d 2.110770 (				31.34 dBm
10 dBm								2.1	10770 GHZ
0 dBm									
-10 dBm	D1 -13.000								
-20 dBm	D1 -13,000								
-30 dBm	M1								
-40 dBm									
			and the second secon	ang pananakan dipekan dal mangan dari bahar kang pada s		a sector a sector de la companya de	a fining a particular de la como	a na ing palatin da sina	a de la banda con esta de la populación
-60 dBm—							a pita ang tita ang ang tita.	al al perfection (a cal de la fille d'élect	and and a stand point of the sta
-70 dBm—									
Start 1.0 (	L GHz	1		2000	1 pts	<u> </u>	<u> </u>	Stop	10.0 GHz
(	)[				Mea	suring			23.12.2016 10:11:41

Date: 23.DEC.2016 10:11:41



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Spectrun	n								
	l 20.00 dBm		5.00 dB 👄 R						
Att 1Pk Max	25 dE	SWT	30 ms 🖮 V	BW 3 MHz	Mode Au	ito Sweep			
TLY MOV					м	1[1]		-	46.58 dBm
									18760 GHz
10 dBm									
0 dBm——									
-10 dBm—	D1 -13.000	dBm							
00 dB									
-20 dBm—									
-30 dBm—									
-30 4611									
-40 dBm—									
									M1
150, dBabadh		a the last the second second	and the second	المسيبية المسيبية	والأرابيساني المسأنان الارا	Ash and many mark		معاديه الفاجية والمراطعة	Alexand Magazine
and a particular second	and the second second	and a state of the second s	The section of the section of the	an a	finn herepterstike	and a second	al a chairte gu antra 191	أكامر ومراطع والسرومية	ter a ferrir ter et
-60 dBm									
-70 dBm—									
Start 10.0	GHz		1	2000	1 pts	1	1	Stop	20.0 GHz
(	][				Mea	suring		4/4 2	23.12.2016 10:08:23

Date: 23.DEC.2016 10:08:24



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Spectrun	n ]							∀
	l 20.00 dBr		5.00 dB 🥃 F					
Att 1Pk Max	25 dI	B SWT	1.1 ms 🖷 🕻	/BW 300 kH	z Mode	Auto FFT		
TEK Man					М	1[1]		55.44 dBm
10 dBm							501	
0 dBm								
-10 dBm—	D1 -13,000	) dBm						
-20 dBm—								
-30 dBm								
-40 dBm—								
-50 dBm								M1
-60. <mark>11</mark> 8m	Telephone in a side to be a side to the source of the so		a a she ti nga sugara da pada ti nga sa ka sa ka sa ka sa sa ka					adhachta Marahan Manapang
-70 dBm	and the last	a construction of the second	a the second state of the	in a factor of the second s	in the access from	i i pra i f		
Start 30.0	MHz			2000	1 pts		Sto	p 1.0 GHz
	Υ				Mea	suring		23.12.2016 10:42:14

#### 6.1.1.1.2 Test Channel = MCH

Date: 23.DEC.2016 10:42:14



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Spectrun	n								
	el 20.00 dBn		5.00 dB 😑 R						
Att	25 di	B SWT	27 ms 😑 <b>V</b>	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max		1	1						
					м	1[1]			40.06 dBm
10 dBm								3.4	64300 GHz
0 dBm——									
-10 dBm									
-20 dBm	-D1 -13.000	) dBm							
-30 dBm		M1							
-40 dBm		T			المرافقين والمقاوري	(Mayod Mariel			
-50. dBtod	سليم ورين التعريدان أراب	a superior de la sector de la sector	a parada para hana.	in the second state of the	A STATE OF THE OWNER	and a second			adar t
	د الدينية المركبينية (1996). مركبين من ماركبينية (1996).	a statistical production of the statistical states of the					an a		n and a second
-60 dBm									
-70 dBm—									
Start 1.0 (	GHz	•	·	2000	1 pts	·	- <b>i</b>	Stop	10.0 GHz
					📄 Mea	suring		<b>444</b> 2	3.12.2016 10:12:26

Date: 23.DEC.2016 10:12:27



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Spectrun	n								
	l 20.00 dBm		5.00 dB 👄 R		_				
Att	25 dB	SWT	30 ms 😑 V	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max			1						10.10.10
					M1[1]				46.45 dBm 57750 GHz
10 dBm									
0 dBm									
-10 dBm	D1 -13.000	dBm							
-20 dBm—									
-30 dBm									
-40 dBm——									M
سمار روم الله.		and the second second	المراجعة بالماري والم	dil adambin and	Pater and the second	والمربعة المسالم	بالاستنبيب اللاليناء	بالبهدية الاستانات	Anne and Marked and
and a state of the second	A DESCRIPTION OF THE OWNER	and the second second second	A DESCRIPTION OF THE OWNER	Marine Street - And	<sup>1</sup> Level Halloll, fill had be	and the second secon	No. of Content of Content of Content	Norman Constraints	house and see
-60 dBm—									
-70 dBm—									
Start 10.0	GHZ			2000	1 pts			-	20.0 GHz
Į – – – –					Mea	suring		- <b>4/4</b> 2	3.12.2016 10:08:02

Date: 23.DEC.2016 10:08:03



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Spectrum	ι								
	l 20.00 dBm		5.00 dB 😑 R						
Att	25 dE	SWT	1.1 ms 👄 🖌	<b>′BW</b> 300 kH	z Mode /	Auto FFT			
😑 1Pk Max		-							
					M	1[1]		-	56.00 dBm
								949	.2470 MHz
10 dBm									
0 dBm									
0 0.0									
-10 dBm—	D1 -13.000	dBm-							
	DI -13.000	ubili I							
-20 dBm									
-30 dBm—									
-40 dBm									
-50 dBm									
-50 abiii									M1
							<b>.</b>	<u>.</u>	i i i i i i i i
	بالاسبيان والبيطالع		al and solve the state					a televit di stati	k in his hill a sectorio
Target Barriel	ntsospensis, kiteratulu	pulling pulling	aphiliter manuficution of	Best applation (b) (b) of	red of the participation of th	and probably property	tes prograd	Protocil Planot	all and a second second
-70 dBm									
Start 30.0	MHz	I	-1	2000	1 pts			Sto	p 1.0 GHz
(					Mea	suring		<b>440</b> 2	3.12.2016 10:42:37

### 6.1.1.1.3 Test Channel = HCH

Date: 23.DEC.2016 10:42:37



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Spectru	m								(₩
	el 20.00 dBn		5.00 dB 👄 R						
Att	25 dE	B SWT	27 ms 👄 🎙	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max		1							
					M1[1]				29.30 dBm
10 dBm—								2.1	54870 GHz
0 dBm									
-10 dBm-	-D1 -13.000	dBm							
-20 dBm—									
-30 dBm	M1								
-40 dBm-					an the state of the state	المراجع المعالمة المراجع			
	بالمالية المحالية	Inco Later Allerab		يىلى بىر يەنىلىر ئىرى ئىرى ئىرىدى بىر مىلىرى بىر	and the second	part for her her her her her her her her her he	ول ألور سر وألو إخترار فقرا	ւ, ուվել, ու, ուրեվունեն,	
And a state of the Party of the	an talah sa	and substantian second second					ter staar ne fer aan te be		
-60 dBm—									
-70 dBm—									
Start 1.0	GHz			2000	1 pts				10.0 GHz
					Mea	suring		- <b>444</b> 2	23.12.2016 10:13:49

Date: 23.DEC.2016 10:13:50



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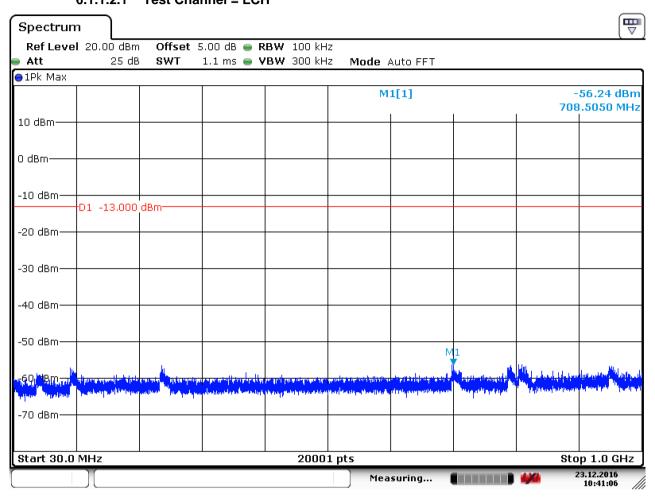
Spectrun	n								
	l 20.00 dBm		5.00 dB 😑 R						
🗕 Att	25 dB	SWT	30 ms 👄 V	BW 3 MHz	Mode Au	ito Sweep			
😑 1Pk Max									
					M	1[1]			46.57 dBm
								19.9	68750 GHz
10 dBm——									
0 dBm									
o abiii									
-10 dBm—									
	D1 -13.000	dBm							
-20 dBm—									
-30 dBm									
-40 dBm									
									M
	and the state of the second	and the store state	and the second second	and the second	and a labor of the	and a state of the	الاليبية ويترونه	and whether the section	واللاعام والم
يەلەر <sub>ك</sub> ۆلەيدەر <sub>كەرىكىرى</sub> ،	and the state of the	and the second	a la se a la chairte de ser a la set de la	file and the second		a finan	harpeting and the first of the	had a she ding sa an an	Internet and Pressor
-60 dBm									
-70 dBm									
Start 10.0	GHz			2000	1 pts			-	20.0 GHz
					Mea	suring		- <b>444</b>	3.12.2016 10:07:37

Date: 23.DEC.2016 10:07:38



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### 6.1.1.2 Test Mode = LTE / TM1 3MHz RB1#0 6.1.1.2.1 Test Channel = LCH



Date: 23.DEC.2016 10:41:06



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Spectru	m								
	el 20.00 dBn		5.00 dB 😑 R						
🗕 Att	25 dE	B SWT	27 ms 👄 V	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max	1	1	1		1				
					M	1[1]			43.24 dBm
10 dBm								3.4	21100 GHz
0 dBm									
-10 dBm	D1 -13.000	   dBm							
-20 dBm									
-30 dBm									
-40 dBm		M1 T			والمعالين ومطعمون				
		a strange blande blande		ی ایک ایک ایک ایک ایک ایک ایک ایک ایک ای	and the second		an a the plane of the state of the	n and a state of the second	an a
-60 dBm—						100 m			1 Mingdation, patient
-70 dBm—									
Start 1.0	GHz			2000	1 pts			-	10.0 GHz
					Mea	suring		- <b>4/4</b> 2	3.12.2016 10:15:52

Date: 23.DEC.2016 10:15:52



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Spectrun	n									
	l 20.00 dBm		5.00 dB 👄 R							
Att	25 dE	SWT	30 ms 😑 V	BW 3 MHz	Mode Au	ito Sweep				
⊖1Pk Max	1	1	1	1						
					M1[1]				-45.94 dBm 19.967750 GHz	
10 dBm								19.9		
0 dBm										
-10 dBm—										
	D1 -13.000	dBm								
-20 dBm—										
-30 dBm										
-40 dBm										
	بىلەت. ئ	ىلىر ياھىر		سلون بوريون	Midamenta da sera	ويقرر والفلور والع	La characteria constata	and a short of the	M Marine Marine A	
	and a second		in the second se	The stand of the stand of the	Photo Response and a second	And the second	Insertifiers strength	nision, passa des <sub>pas</sub> alices	No. of Contraction of	
-60 dBm										
-70 dBm—										
Start 10.0	GHz	•	•	2000	1 pts		•	Stop	20.0 GHz	
					Mea	suring		<b>4/4</b> 2	23.12.2016 10:06:15	

Date: 23.DEC.2016 10:06:15



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Ref Level 20.00 dBm         Offset 5.00 dB         RBW 100 kHz         Mode Auto FFT           1Pk Max         1.1 ms         VBW 300 kHz         Mode Auto FFT           1Pk Max         1.1 ms         VBW 300 kHz         Mode Auto FFT           10 dBm         10 dBm         10 dBm         10 dBm         10 dBm           -10 dBm         01 -13.000 dBm         10 dBm         10 dBm         10 dBm           -20 dBm         10 dBm         10 dBm         10 dBm         10 dBm         10 dBm           -10 dBm         01 -13.000 dBm         10 dBm         10 dBm         10 dBm         10 dBm           -20 dBm         10 dBm         10 dBm         10 dBm         10 dBm         10 dBm         10 dBm           -20 dBm         10 dBm         10 dBm         10 dBm         10 dBm         10 dBm         10 dBm           -30 dBm         10 dBm	Spectrun	n ]								
• 1Pk Max       M1[1]       -55.47 dBm         10 dBm       810.4470 MHz       810.4470 MHz         0 dBm       0       0       0         -10 dBm       01 -13.000 dBm       0       0         -20 dBm       01 -13.000 dBm       0       0         -30 dBm       0       0       0       0         -30 dBm       0       0       0       0         -70 dBm       0       0       0       0       0         Start 30.0 MHz       20001 pts       Stop 1.0 GHz       23122016										
10 dBm       M1[1]       -55.47 dBm         10 dBm       810.4470 MHz         0 dBm       91 -13.000 dBm         -10 dBm       91 -13.000 dBm         -20 dBm       91 -13.000 dBm         -30 dBm       91 -13.000 dBm         -70 dBm       91 -10 -13.00		25 d	B SWT	1.1 ms 😑 ۷	<b>VBW</b> 300 kH	z Mode	Auto FFT			
10 dBm       810.4470 MHz         10 dBm       1         0 dBm       1         -10 dBm       1         -20 dBm       1         -20 dBm       1         -20 dBm       1         -30 dBm       1         -3	⊖1Pk Max		1	1						
10 dBm       Image: state 10 dBm <t< td=""><td></td><td></td><td></td><td></td><td></td><td>М</td><td>1[1]</td><td></td><td></td><td></td></t<>						М	1[1]			
0 dBm	10 dBm								810	J.4470 MHZ 
-10 dBm -10 dBm -20 dBm -20 dBm -30 dBm -40 dBm -50										
-10 dBm       D1 -13.000 dBm       Image: Start 30.0 MHz       I										
D1 -13.000 dBm       Image: constraint of the second of the	U dBm									
D1 -13.000 dBm       Image: constraint of the second of the										
-20 dBm -30 dBm -40 dBm -50 dBm -70	-10 dBm—	D1 12.000								
-30 dBm -40 dBm -50 dBm -50 dBm -50 dBm -70		DI -13.000								
-40 dBm -50 dBm -50 dBm -70	-20 dBm—								+	
-40 dBm -50 dBm -50 dBm -70										
-50 dBm -50 dBm -70 dBm -70 dBm Start 30.0 MHz 23.12.2016	-30 dBm								<u> </u>	
-50 dBm -50 dBm -70 dBm -70 dBm Start 30.0 MHz 23.12.2016										
-70 dBm 20001 pts 20001 pt	-40 dBm								<u> </u>	
-70 dBm 20001 pts 20001 pt										
-70 dBm 20001 pts 20001 pt	-50 dBm									
Start 30.0 MHz     20001 pts     Stop 1.0 GHz	SO GDIN							P	11	
Start 30.0 MHz     20001 pts     Stop 1.0 GHz	. co http://		1 Jun .			والمعارية والمعارية			have been	يه يوجون المراجع
-70 dBm Start 30.0 MHz 20001 pts Stop 1.0 GHz 23.12.2016		and the second						(hangsarperter	and the book interpretation	Adapter Bassipt
Start 30.0 MHz         20001 pts         Stop 1.0 GHz           23.12.2016         Maxwing         23.12.2016										
Measuring 23.12.2016	-70 dBm—								+	
Measuring 23.12.2016										
Measuring 23.12.2016	Start 30.0	MHz			2000	1 pts			Stc	) 1.0 GHz
							suring	for a second second		23.12.2016

#### 6.1.1.2.2 Test Channel = MCH

Date: 23.DEC.2016 10:40:39



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Spectrum										
Ref Level 20.00 dBm Offset 5.00 dB 👄 RBW 1 MHz										
🗕 Att		25 dB	SWT	27 ms 🔳 <b>\</b>	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max										
						M	1[1]			39.50 dBm
								1	3.4	62950 GHz
10 dBm	+									
0 dBm	_									
-10 dBm										
-10 UBIII-	-D1	-13.000	dBm							
-20 dBm-										
-30 dBm										
	1		M1							
-40 dBm						يابيه يري	Lat. de latera			
			الارتباط المراجع والمراجع	والدوالويس المارين والم	فألا ومالته ومناويا أنوال	All and a second second second	and the second second second second			
	ayllow fr		APP)	and a state of the	r (	1 martine and the second s		-		
No. of Concession, Name							Provide a second		a desired by the second se	
-60 dBm—										
00 00.00										
-70 dBm—										
Start 1.0	<u> </u>				2000	1 ptc				10.0 GHz
	GHZ	~			2000		_		-	10.0 GHZ
L						Mea	suring		4/4	3.12.2016

Date: 23.DEC.2016 10:15:10



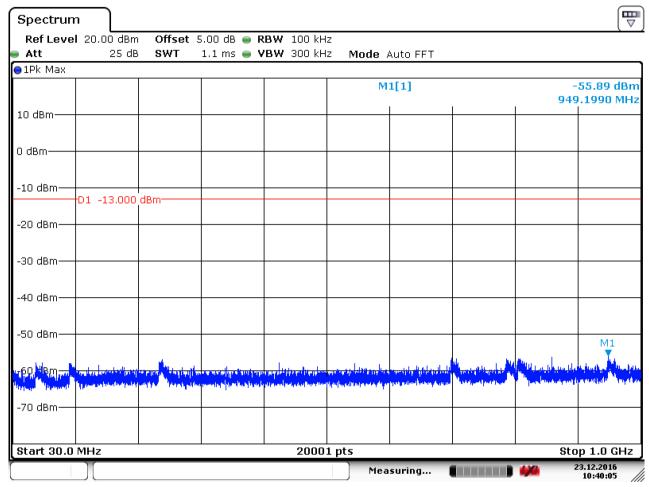
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Spectrun	n								[₩
	l 20.00 dBn		5.00 dB 👄 F						
Att	25 di	B SWT	30 ms 👄 <b>\</b>	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max	T	1		1					
					M	1[1]			46.49 dBm 46750 GHz
10 dBm								19.9	40730 GHZ
0 dBm									
-10 dBm—	D1 -13.000								
-20 dBm—									
-30 dBm—									
-40 dBm									M
			ula and a second se	والمراجعة المحاطرية الم		dia della como	الأماليات المعين	المريخ والمنظم المريك المريخ والمنظمة المريك	
Ant-hasteline in the	Design of Designed	Levelan, and	a babalan da angala sa angala s	(period) (constant)			and the second	Contraction and	AND CO. CO.
-60 dBm—									
-70 dBm—									
Start 10.0	GHz			2000	1 pts			-	20.0 GHz
					Mea	suring		- <sup>2</sup>	23.12.2016 10:06:45

Date: 23.DEC.2016 10:06:46



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#### 6.1.1.2.3 Test Channel = HCH

Date: 23.DEC.2016 10:40:06



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Spectrur	n									
	el 20.00 d		5.00 dB 😑 R							
Att	25	dB SWT	27 ms 🛑 🎙	BW 3 MHz	Mode Au	ito Sweep				
⊖1Pk Max			1							
					M1[1]				-43.28 dBm 3.504800 GHz	
10 dBm								3.5	04800 GHZ	
0 dBm										
-10 dBm										
-20 dBm	-D1 -13.0									
-30 dBm	 									
-40 dBm										
50. APH	المراجع المراجع	alation all makes in a binary	den son and a soula	م المحاط بير أو المروك المراجع الم		part to and the fi			latter and	
The second second second	المنبق المساحر منعول	And protocol and particular	T							
-60 dBm—										
-70 dBm—										
Start 1.0	GHz			2000	1 pts				10.0 GHz	
					Mea	suring		- <b>4/4</b> 2	23.12.2016 10:16:25	

Date: 23.DEC.2016 10:16:25



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Spectrun	n								
	l 20.00 dBm		5.00 dB 😑 R						
Att	25 dB	SWT	30 ms 🖷 V	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max	1	1	1						
					M	1[1]			44.95 dBm 62250 GHz
10 dBm								19.9	
0 dBm									
-10 dBm—	D1 -13.000	dBm							
-20 dBm—									
-30 dBm									
-40 dBm									M
/ <sub>#</sub> 5Q.// <mark>B#Aarda</mark>			and the state of the	الغيابال والمعادية	والمالية والمحدية	والأرب المعاطرا ويقاده	ماريحيا براجيرا حيران	والمرابع والطريان المراجع	الأفسية العسية
and an and the second			a na sa	The second second second second	Humbled Continues in part of	a the second	الديمية (ميريماني) المراجعينية (مراجعات	ang the order of the particul	Many marketing and the second
-60 dBm—									
-70 dBm—									
Start 10.0	GHz			2000	1 pts				20.0 GHz
					Mea	suring		- <b>4/4</b> 2	23.12.2016 10:07:03

Date: 23.DEC.2016 10:07:04



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#### 6.1.1.3 Test Mode = LTE / TM1 5MHz RB1#0 6.1.1.3.1 Test Channel = LCH

Spectrum	' )								
Ref Level	20.00 dB	m Offset	5.00 dB 🥃 I	<b>RBW</b> 100 kHz	2				
🖷 Att	25 d	B SWT	1.1 ms 👄 '	<b>VBW</b> 300 kHz	: Mode /	Auto FFT			
⊖1Pk Max									
					М	1[1]			55.46 dBm ).5870 MHz
10 dBm									
0 dBm									
-10 dBm	D1 -13.00	D <sub>.</sub> dBm							
-20 dBm									
-30 dBm									
-40 dBm									
-50 dBm									M1
	ing the spectrum of the second se			halasia kananan dalama tang penjari kananan tang		adahishindi dagadi Alamati kana daga dagadi		And the Association	
-70 dBm——									
Start 30.0	MHz			20001	nts			Sto	p 1.0 GHz
	1			20001		curina			3.12.2016
	Л				mea	suring			10:38:26

Date: 23.DEC.2016 10:38:27



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Spectru	ım									
	el 2	0.00 dBm		5.00 dB 😑 F						
Att		25 dB	SWT	27 ms 👄 <b>\</b>	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max			I	1		1				
						M	1[1]			40.57 dBm
10 dBm									3.4	20200 GHz
0 dBm—	_									
-10 dBm-	_									
	-D1	-13.000	dBm							
-20 dBm-										
-30 dBm-	_									
-40 dBm-			M1							
				la de la contra de la contras.	late a boolling is a fea		and a second			
	<b>L</b> up	Kanan Indonési	and a state of the	i parte de la companya de la company	a	A CONTRACTOR OF	111111111111	and an other in the second		
terrando en anticipadad							the second se	and a second	and mailtand part in section	and the second data of the second
-60 dBm—	_									
-70 dBm—	_									
Start 1.0					2000	lnts			Ston	10.0 GHz
( start 1.0		r			2000				-	3.12.2016
L						Mea	suring		940	10:17:56

Date: 23.DEC.2016 10:17:56



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Spectrum	ι								
	l 20.00 dBm		5.00 dB 👄 F						
e Att	25 dE	SWT	30 ms 😑 🎙	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max									
					M	1[1]			46.33 dBm
						ı		19.7	95260 GHz
10 dBm									
0 dBm									
-10 dBm									
10 0.011	D1 -13.000	dBm							
-20 dBm—									
-30 dBm									
-40 dBm									
10 0.011									M1
15 OL HEIMAN				Leader of the	والأريدين إرباطه الا	and the states of the second	المناه الم	فالالان والمعالية المعالية	and have the
and a contrast with a			and the second states	مراجع المراجع المراجع محمد المراجع ال	Sector Physics and a street	And the second second	a second states in the second states	A second starting and the	() and the set
the second second second									
-60 dBm——									
-70 dBm—									
Start 10.0	GHz	•	·	2000	1 pts	•	•	Stop	20.0 GHz
					Mea	suring		<b>4/4</b> 2	23.12.2016 10:05:27

Date: 23.DEC.2016 10:05:27



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Spectrun	n								
	l 20.00 dBm		5.00 dB 👄 F						
Att	25 dB	SWT	1.1 ms 😑 🕻	<b>/BW</b> 300 kH	z Mode /	Auto FFT			
●1Pk Max	1	1	1	Т					
					M	1[1]			56.52 dBm
10 dBm								953	3.5150 MHz
0 dBm									
10 40									
-10 dBm—	D1 -13.000	dBm							
-20 dBm									
20 00.00									
-30 dBm									
-40 dBm—									
-50 dBm—									M1
-60 <b>"</b> Bm				u	<u>h - 1 - 1 1 1 1 1 1 1 1 1 1 1</u>	Land to the Land		Markey Marine	and the later
	The box light of the first of the second sec	all	en françasi en	n an	kalan na kana kana kana ka	and a second second	Januar Margaret	- Here Berghungenert	dillocation and the second
-70 dBm—									
-/0 ubiii									
Start 30.0	MHz			2000	1 pts				p 1.0 GHz
					Mea	suring		<b>4/4</b> 2	23.12.2016 10:38:54

#### 6.1.1.3.2 Test Channel = MCH

Date: 23.DEC.2016 10:38:54



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Spectru	n							
	el 20.00 dBm		5.00 dB 👄 R					
Att 1Pk Max	25 dB	SWT	27 ms 🖷 V	BW 3 MHz	Mode Au	ito Sweep		
	Ι				м	1[1]	-	39.24 dBm
							3.4	60700 GHz
10 dBm								
0 dBm——								
-10 dBm	D1 -13.000	dBm						
-20 dBm								
-20 ubiii								
-30 dBm								
		M1						
-40 dBm		Ţ						
			و المعالية المعالية المعالية الم	n Ita taratsilan diadaa		a late of the star		
<u>~50,₩°.#"</u>	And Real Martin	In the second	an a	a an an ab him or about th	treast and the second		itere en la tractione	della tra traducers
And the second se							an da da serie de la compañía de la desta de la compañía de la compañía de la compañía de la compañía de la com	and the first state of the
-60 dBm—								
-70 dBm—								
Start 1.0	GHz	I		2000	1 pts	I	 Stop	10.0 GHz
					Mea	suring	<b>444</b> 2	23.12.2016 10:17:07

Date: 23.DEC.2016 10:17:07



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Spectrun	n								
	1 20.00 dBm		5.00 dB 😑 R						
Att	25 dE	B SWT	30 ms 🥃 V	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max	1	T	1	1					
					м	1[1]			46.76 dBm
10 dBm								14.9	30500 GHz
0 dBm									
-10 dBm—	D1 10 000								
-20 dBm—	D1 -13.000								
-30 dBm									
-40 dBm									
"sg.doha.hu	and all him register and			M:	n A Salata (Salata (Salata) Marinta (Salata (Salata))		Lalum day mercer be	an da da an	d, de til and the
-60 dBm		All and a second se					Lifest of the body of a		
-70 dBm									
Start 10.0	GHz			2000	1 pts			-	20.0 GHz
					Mea	suring		- <b>4/4</b> 2	3.12.2016 10:05:06

Date: 23.DEC.2016 10:05:06



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Spectrum	n ]								[₩
Ref Leve			5.00 dB 😑 I						
Att	25	dB SWT	1.1 ms 👄 '	<b>VBW</b> 300 kH	z Mode /	Auto FFT			
⊖1Pk Max			1	1					
					M	1[1]			56.20 dBm 9090 MHz
10 dBm							+	014	-9090 MHZ
0 dBm——									
-10 dBm	D1 -13.0								
	DI 13.0								
-20 dBm—									
-30 dBm——									
-40 dBm									
-50 dBm									
								M1 T	
<mark>Ի</mark> ճՉ <sup>Մ</sup> ֎ՠ <del>, ,</del>	and the little	hetela herela al antica de la constana	ilurer <mark>anerpilure</mark> ter	re explored a surface of the second	dending dender den		Margaret Street Street	a produced in the	and the second
and the state of the	hora philestra	and a state of the state	georgian de mais de la definica	de og parent programmet er	han ballan ang ang a	ակտեսիություն	Product Manual	i i berkenethed	adaalay ahaa ahaa
-70 dBm									
Start 30.0	MHz			2000	1 pts	I	I	Sto	p 1.0 GHz
[	)[				) Mea	suring		- <u>2</u>	23.12.2016 10:39:23

#### 6.1.1.3.3 Test Channel = HCH

Date: 23.DEC.2016 10:39:23



Report No.: SZEM170700703401 Page: 144 of 176

Spectru	m										
Ref Lev	<b>el</b> 20			5.00 dB 😑 F							
Att		25 dB	SWT	27 ms 🖷 <b>\</b>	BW 3 MHz	Mode Au	ito Sweep				
⊖1Pk Max				1	1						
						M	1[1]		-42.35 dBm 3.500750 GHz		
10 dBm—									3.3	00730 GHZ	
0 dBm	_										
-10 dBm—		-13.000	dD								
-20 dBm-		-13,000	abm								
-30 dBm											
-40 dBm			M1								
<u>سايا المرحمي</u>	المالية ال	dent production	where he are the					ومانع ومعرفا المتجرب وراساته	والمراجع المراجع	. Sulator which will	
the state of the state	1	a na sana na sa dina kata							and the second	all the second second	
-60 dBm—	-										
-70 dBm—	_										
Start 1.0	GHz	,			2000	1 pts				10.0 GHz	
[		[				Mea	suring		444	23.12.2016 10:19:16	

Date: 23.DEC.2016 10:19:17



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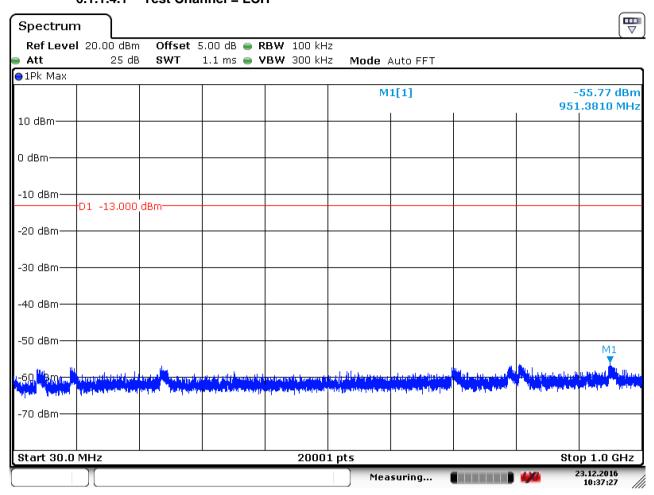
Spectrun	n								
	l 20.00 dBm		5.00 dB 👄 R						<b>`</b>
Att	25 dB	SWT	30 ms 🛑 V	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max	1		1						
					M	1[1]			46.21 dBm 46250 GHz
10 dBm								19.9	40230 0112
0 dBm									
-10 dBm—	D1 -13.000	dBm							
-20 dBm	10.000								
-30 dBm									
-40 dBm									M
h-RQ ( <sup>414</sup> h)				alan ang ang ang ang ang ang ang ang ang a	ller Mehlens Medaller Bistorianise productor		a have de the famous and a state	Alder og Handrader i Londel Statisticker af Maria av Alder	
-60 dBm	Carry - J <sup>arr</sup> inger,								
-70 dBm									
Start 10.0	CH2			2000	1 ntc			Stor	20.0 GHz
				2000				-	20.0 GHZ
Ĺ					Mea	suring		474	10:04:28

Date: 23.DEC.2016 10:04:29



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#### 6.1.1.4 Test Mode = LTE / TM1 10MHz RB1#0 6.1.1.4.1 Test Channel = LCH



Date: 23.DEC.2016 10:37:27



Report No.: SZEM170700703401 Page: 147 of 176

Spectru	m								
	el 2	0.00 dBm		5.00 dB 😑 R					
Att		25 dB	SWT	27 ms 😑 V	BW 3 MHz	Mode Au	ito Sweep		
⊖1Pk Max	-			1					
						M	1[1]		41.29 dBm 21550 GHz
10 dBm								3.4	21330 GHZ
0 dBm									
-10 dBm	-D1	-13.000	dBm						
-20 dBm									
-30 dBm									
-40 dBm			M1			المانين رويسايين رو	الالمحرور والر		
450-d9-d	an <sub>a d</sub> ha		and the second		Lip 12, Ministry and States		a start to a start of the		
-60 dBm—									
-70 dBm—									
Start 1.0					2000	1 ntc		Stor	10.0 GHz
	GHZ	r			2000			 	23.12.2016
L						Mea	suring	4	10:24:48

Date: 23.DEC.2016 10:24:48



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Spectrun	n									
	1 20.00 dBm		5.00 dB 👄 R							
e Att	25 dB	SWT	30 ms 😑 V	BW 3 MHz	Mode Au	ito Sweep				
⊖1Pk Max	1		1	1						
					M1[1]			-46.02 dBm 19.951750 GHz		
10 dBm									01700 012	
0 dBm										
-10 dBm—	D1 -13.000	dBm								
-20 dBm—										
-30 dBm—										
-40 dBm—									M	
50.000 mabile				الله المحمد المحمد من المالية المحمد من المحمد من المحمد	N. A. Hiles and show		المراجع من المراجع الم محمد المراجع ال	la tina luca homathana juga ta Tanang suga na tanàna sa sa tanàn		
-60 dBm—										
-70 dBm—										
01										
Start 10.0	GHZ			2000				-	20.0 GHz	
					Mea	suring		- <b>4/4</b> 2	23.12.2016 10:03:06	

Date: 23.DEC.2016 10:03:06



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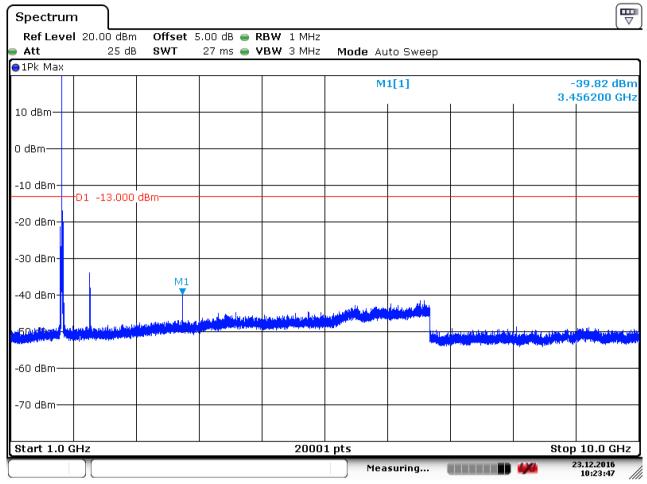
Spectrun	n ]								
	1 20.00 dBr		5.00 dB 👄 F						
Att 1Pk Max	25 d	B SWT	1.1 ms 😑 🕻	<b>/BW</b> 300 kH:	z Mode /	Auto FFT			
					M	1[1]			56.29 dBm
						-[-]			.5080 MHz
10 dBm									
0 dBm									
-10 dBm—	D1 -13.000	   dBm							
-20 dBm—									
-30 dBm—									
-40 dBm——									
-50 dBm									M1
	ील्लीक् कार्यकोर्तने जन्म स	n di sun teletionen	alaulan da karangi a		itariiyin ara				
haline perform	artheory of the other	and an	ويستعلم ويستريك والتراول	a di mana a su ma di sa	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -	անդարցուլու և լեկտի		· many off the	
-70 dBm—									
Start 30.0	MHz			2000:	Lpts		I	Sta	p 1.0 GHz
	][					suring			23.12.2016 10:36:56

#### 6.1.1.4.2 Test Channel = MCH

Date: 23.DEC.2016 10:36:56



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Date: 23.DEC.2016 10:23:47



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Spectrun	n								
	l 20.00 dBm		5.00 dB 😑 R						· · · ·
Att	25 dB	SWT	30 ms 🛑 🎙	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max	1	1	1						
					M1[1] -45.56 df 19.819260 G				45.56 dBm
10 dBm								19.8	19200 GH2
0 dBm									
-10 dBm—	D1 -13.000	dBm							
-20 dBm—									
-30 dBm—									
-40 dBm									M1
-50.dPthash	Tent St. Gpint of	والمحرور والمحاطر والمحاطر	La Mandala	المحالين والمحادثين	and the second second	and a subleman plan	المعصال وجاب اللاجير	فالالب والعالمي والعا	المحافظ والمعادية والمحافظ والمعاد والمحافظ والمحاف
Constant Production of the	and all the second	a standing and the	a contraction of the second	Manager Roberts and a second	When the state of	Street open and the second states	have been and the	ann an failte an thai	- Contraction of the second
-60 dBm—									
-70 dBm—									
04				0000	1			0	
Start 10.0	GHZ			2000				-	20.0 GHz
L I					Mea	suring		<b>4/4</b> 2	23.12.2016 10:03:33

Date: 23.DEC.2016 10:03:34



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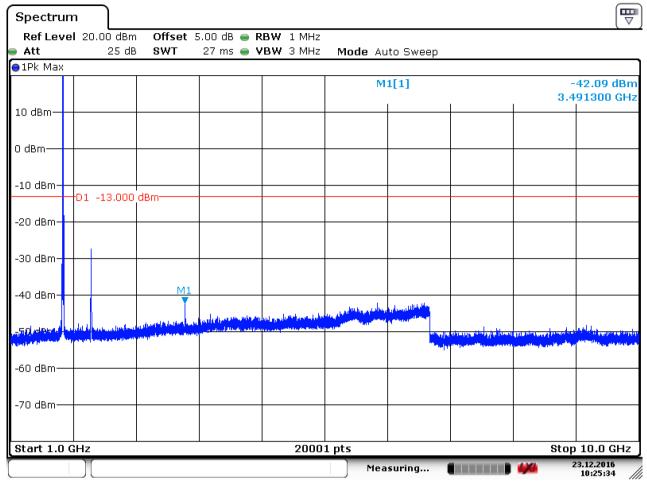
Spectrun	n ]									
Ref Leve					3W 100 kH					
Att	25	5 dB <b>SW</b>	<b>/T</b> 1.1	ms 👄 VI	<b>BW</b> 300 kH	z Mode /	Auto FFT			
●1Pk Max	1						4543			<u></u>
						IVI	1[1]			55.71 dBm ).1200 MHz
10 dBm										
0 dBm										
-10 dBm										
-10 4611	D1 -13,	000 dBm—								
-20 dBm										
-30 dBm										
-40 dBm										
-50 dBm——										M1
l-60 <mark>នៃ</mark> ទល្ល-ភា		toph labor	and the part of the second of	Applications in the	and talgerand target	dan sa kilon sa play	Nyder fals Hannata	aller to a state of the second state of the se		Literation and the second
helper hernes	"purchashelin	diampadan 1	and photology and the second	ibyer <mark>bisetetete</mark> te	Uptilogicalities	haddigenderseratelet	ahihini katikatikang dari	A.A.M.Happer	, the property of	ويطاببون المتطربة
-70 dBm—										
Start 30.0	MHz	I	I		2000	1 pts	1	1	Sto	p 1.0 GHz
	)[					) Mea	suring		2 <sup>2</sup>	3.12.2016 10:36:33

#### 6.1.1.4.3 Test Channel = HCH

Date: 23.DEC.2016 10:36:33



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Date: 23.DEC.2016 10:25:34



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Spectrun	n								[₩
	1 20.00 dBn		5.00 dB 👄 F						
Att	25 dE	B SWT	30 ms 😑 <b>\</b>	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max	Τ	Τ	1			4541			46.45.40
					IVI	1[1]			46.45 dBm 38250 GHz
10 dBm									
0 dBm									
-10 dBm—	D1 -13.000	dBm							
-20 dBm—									
-30 dBm—									
-40 dBm—									M
16 A Charles				al part and the first of the	in an an Anna an Anna an Anna an Anna Anna an Anna an Anna an Anna an Anna	an Bangaran Mangang Alban An Angang Angang An Angang Ang	a series and the series of the	line, a la lippala	
-60 dBm		hand hat					and the filler of the		
-70 dBm—									
Start 10.0	GHz			2000	1 pts			-	20.0 GHz
	Л				Mea	suring		- <b>4/4</b> 2	23.12.2016 10:04:01

Date: 23.DEC.2016 10:04:01



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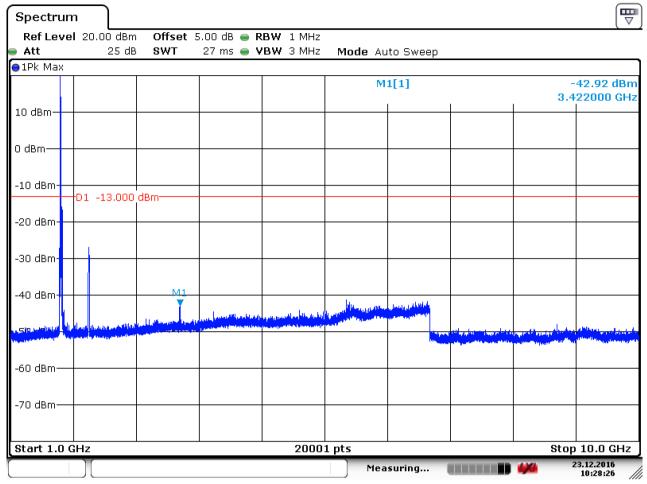
#### Ŧ Spectrum Ref Level 20.00 dBm Offset 5.00 dB 👄 RBW 100 kHz Att 25 dB SWT 1.1 ms 👄 **VBW** 300 kHz Mode Auto FFT 😑 1Pk Max M1[1] -55.66 dBm 794.3950 MHz 10 dBm-0 dBm--10 dBm-D1 -13.000 dBm--20 dBm--30 dBm--40 dBm -50 dBm-M1 -60 **-**80 --70 dBm-Start 30.0 MHz 20001 pts Stop 1.0 GHz 23.12.2016 **•••••** Measuring... lli 10:35:02

6.1.1.5 Test Mode = LTE / TM1 15MHz RB1#0 6.1.1.5.1 Test Channel = LCH

Date: 23.DEC.2016 10:35:02



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Date: 23.DEC.2016 10:28:27



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Spectrun	n								
	l 20.00 dBm		5.00 dB 😑 R						
Att	25 dB	SWT	30 ms 🖷 V	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max	1	1	1						
					M	1[1]			46.72 dBm
10 dBm								19.9	61750 GHz
0 dBm									
-10 dBm—									
-20 dBm—	D1 -13.000	abm							
-30 dBm—									
-40 dBm—									
			and the second second	المراجع بين المراجع بين المراجع المراجع محمد المراجع الم	<sup>11</sup> 11 - John Congless, 1964 - J.	and a call that we do	ana da la succión.	nt.lt.,	
-60 dBm	and the second se						and the second		, ada (
-70 dBm									
Start 10.0	CH2			2000	1 nts				20.0 GHz
				2000					3.12.2016
L I					Mea	suring		4/4	10:02:30

Date: 23.DEC.2016 10:02:29



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Spectrun	n ]								
	1 20.00 dBr			RBW 100 kH:					
Att 1Pk Max	25 d	B SWT	1.1 ms 🛑 🕻	<b>/BW</b> 300 kH:	2 Mode /	Auto FFT			
					M	1[1]			56.28 dBm
						-[-]			00.20 dbm
10 dBm									
0 dBm									
-10 dBm—	D1 -13.000	   dBm							
-20 dBm—									
-30 dBm—									
-40 dBm									
-50 dBm						N	1		
	Hige years to be	n mark thread	an configuration for the first of	ala (interfacionalista) de la Seconda de la constante de la c	<mark>a ka ka</mark> ja ka paké lagi ap	and the state of the state	and the second second second	liter Marine and a second second	
Sept. Jeannet	and a second second	transformer, Astronome	and a second	a a frants an ann a sa ann a	ak sana artistan dia		Tache e a		
-70 dBm—									
Start 30.0	MHz	<u> </u>		20001	l pts			l Sto	p 1.0 GHz
	][					suring			23.12.2016 10:35:26

#### 6.1.1.5.2 Test Channel = MCH

Date: 23.DEC.2016 10:35:26



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Spectru	m									
	<b>el</b> 2	0.00 dBm		5.00 dB 😑 R		-				
Att		25 dB	SWT	27 ms 🖷 V	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max				1						
						M	1[1]			40.22 dBm
10 dBm—									0.4	51700 GHz
0 dBm										
-10 dBm-	D1	-13.000	dBm							
-20 dBm-										
-30 dBm										
-40 dBm			M1							
-50 dhar	lan aray'	اللاعام المرا		gi, itibgi asi dadi dalam An	na pana ang sang sang sang sang sang sang sa		and a second second second	विरास्त्रे (स्वर्थका स्वर्णका वृष्ट्र) स्वर्थका	and a lange of the state	al a sha ta gu ta cana ta
Manus Andrew Brand	- T	ale a de la contra c						a des productions and the	ferrite della constitue dans	and the second states and states
-60 dBm—										
-70 dBm—										
Start 1.0	GHz				2000	1 pts			-	10.0 GHz
						Mea	suring		<b>4/4</b> 2	23.12.2016 10:26:56

Date: 23.DEC.2016 10:26:56



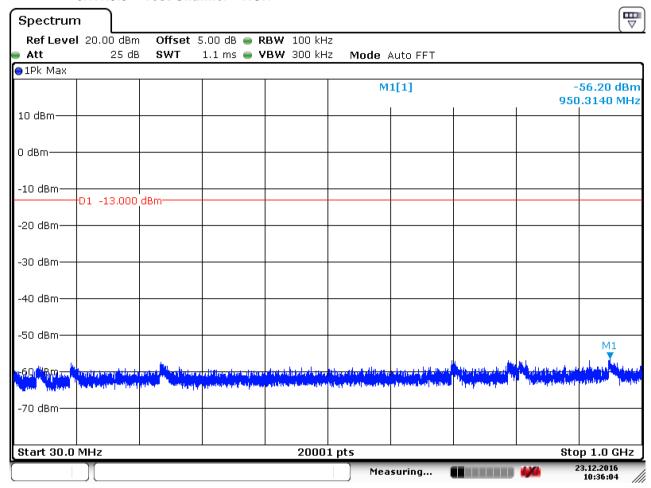
Report No.: SZEM170700703401 Page: 160 of 176

Spectrun	n								[₩	
	l 20.00 dBn		5.00 dB 👄 R							
Att	25 di	B SWT	30 ms 👄 🎙	BW 3 MHz	Mode Au	ito Sweep				
⊖1Pk Max	T	1	1							
					M1[1]				-45.68 dBm 19.950750 GHz	
10 dBm								19.9	30730 GHZ	
0 dBm										
-10 dBm	D1 -13.000	   dBm								
-20 dBm—										
-30 dBm—										
-40 dBm—									M	
ւ <sub>ս</sub> ճն <mark>ժերչանն</mark>		Land March	and the state of the second	Shared as a felle	والتورية ومرافأ محوالة	والمتحدية والمتعلقين أجما والمالي	والأسل والمالية المرود المراحية	والمرابط والحسيسان	المحمد المكامل بسره	
http://www.com/com/com/com/com/com/com/com/com/com/	N. C. State	(Larden and Standing	a talanta na mana ang ang ang ang ang ang ang ang ang	and the second	ing the first start of the start of the	All and the second second	the block of the	Stream of the set	fighter the second	
-60 dBm—										
-70 dBm—										
Start 10.0	GHz			2000	1 pts			-	20.0 GHz	
	Л				Mea	suring		<b>4/4</b> 2	23.12.2016 10:02:05	

Date: 23.DEC.2016 10:02:05



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6.1.1.5.3 Test Channel = HCH

Date: 23.DEC.2016 10:36:05



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Spectru	m	ך								
Ref Lev	<b>el</b> 20.			5.00 dB 🥌 R		_				
Att		25 dB	SWT	27 ms 🛑 🖌	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max				1			4541			40.00 dp
						M1[1]				40.20 dBm 81850 GHz
10 dBm—										
0 dBm										
-10 dBm-	-01	13.000	d0 m							
-20 dBm-		.13,000	UBIII							
-30 dBm	+									
-40 dBm			M1							
uhðundarpni	an a statu	والالاربار		مريد مير المريد الم محمد المريد ال	and a superior design of the second se			turnation installing	uqualaran quatientist qu	and a standard
-60 dBm—							The second se	a na h-agailte a' dhug ghan a dh	in a second state of the s	a a tha an
-70 dBm—										
, o abii										
Start 1.0	GHz			·	2000	1 pts	·	1	Stop	10.0 GHz
(						Mea	suring		<b>4/4</b> 2	3.12.2016 10:29:20

Date: 23.DEC.2016 10:29:20



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Spectrun	n								
	l 20.00 dBm		5.00 dB 😑 R		-				
Att	25 dB	SWT	30 ms 🔵 🎙	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max	1	1	1						
					M	1[1]			46.15 dBm 43760 GHz
10 dBm								19.8	43700 GHZ
0 dBm									
-10 dBm—	D1 -13.000	dBm							
-20 dBm—	10.000								
-30 dBm									
-40 dBm—									M1
uspu <del>llariane</del>	and the second state	angla di si salar	all the second sec	المربي المربية المربية مربية	ndtrephalops.tm	ومراور المروي	والالبانين الماني م	dallar bitest data se	and a share and a share a share
and the second	Cardina Cardina Cardina	and the second s	State of the State of	Contraction of the second	100.00		al <sup>ed</sup> a papalanta ang sa	a sector a sector a	and a second
-60 dBm									
-70 dBm—									
Start 10.0	GHz			2000	1 pts				20.0 GHz
					Mea	suring		<b>4/4</b> 2	23.12.2016 10:01:37

Date: 23.DEC.2016 10:01:37



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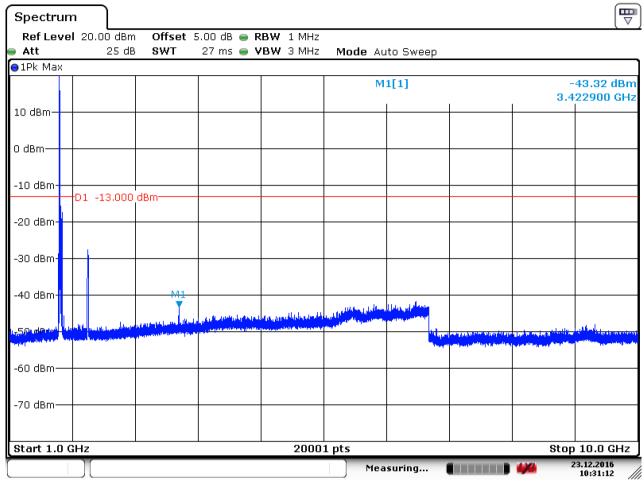
#### 6.1.1.6 Test Mode = LTE / TM1 20MHz RB1#0 6.1.1.6.1 Test Channel = LCH

Spectrum	ı )								
Ref Level	20.00 dBm	Offset	5.00 dB 👄 R	<b>BW</b> 100 kH:	z				
Att	25 dB	SWT	1.1 ms 😑 V	<b>'BW</b> 300 kH:	z Mode /	\uto FFT			
⊖1Pk Max									
					M	1[1]			55.44 dBm .6610 MHz
10 dBm									
0 dBm									
-10 dBm	D1 -13.000	dBm							
-20 dBm									
-30 dBm									
-40 dBm									
-50 dBm									M1
and the set of the set of the			ala kiin la pali partini milanda da Ala kiin la pali partini milanda da Ala kiin la partini mata finanta partini	an a the second state of the se		a han sa in til an ta A bahar in tit a bahar	The second second second second		della sella neproprio della sena
-70 dBm	1.2010111111111	1							
Start 30.0	MHz			2000:	L pts			Sto	p 1.0 GHz
	][				) Mea	suring		2 <sup>2</sup>	3.12.2016 10:34:03

Date: 23.DEC.2016 10:34:03



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Date: 23.DEC.2016 10:31:13



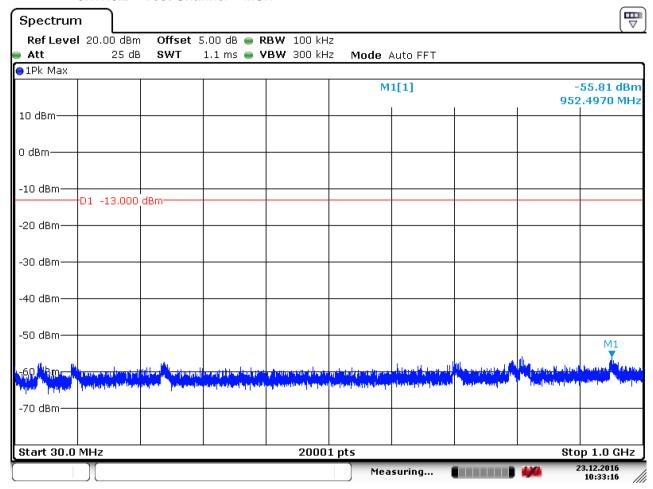
Report No.: SZEM170700703401 Page: 166 of 176

Spectrun	n								(₩
	1 20.00 dBm		5.00 dB 👄 R						
Att	25 dE	B SWT	30 ms 🛑 V	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max						1[1]			45.55 dBm
						1[1]			76750 GHz
10 dBm									
0 dBm									
-10 dBm—	D1 -13.000	   dBm							
-20 dBm—									
-30 dBm—									
-40 dBm—									M
w≌Q.MR±bild			a description of the second	والمحاوية والمعادية والمعادية	Norse Madage and Ma		الأولولية ومحافظ ويتراف	مرين المرين المرين المرين المرين المرين المرين ا	
-60 dBm				and and a second se			Contraction of the second s		
-70 dBm—									
Start 10.0				2000	1 ptc			Stor	20.0 GHz
ι οι οι το το το				2000				-	23.12.2016
	Л				Mea	suring		270	10:00:05 //

Date: 23.DEC.2016 10:00:05



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#### 6.1.1.6.2 Test Channel = MCH

Date: 23.DEC.2016 10:33:17



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Spectru	ım									
	vel 2	20.00 dBm		5.00 dB 🥌 R						
Att		25 dE	SWT	27 ms 😑 🖌	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Ma>			1	1	1					
						M	1[1]			40.79 dBm 47650 GHz
10 dBm—									0.4	47030 GHZ
0 dBm—										
-10 dBm-		1 -13.000	dBm							
-20 dBm-										
-30 dBm-										
-40 dBm-			M1			di				
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-60 dBm-							<sup>sel</sup> type,			and the product of the products
-00 0.011										
-70 dBm–	_									
Start 1.0	GH	z			2000	1 pts				10.0 GHz
						Mea	suring		4/4	23.12.2016 10:30:16

Date: 23.DEC.2016 10:30:16



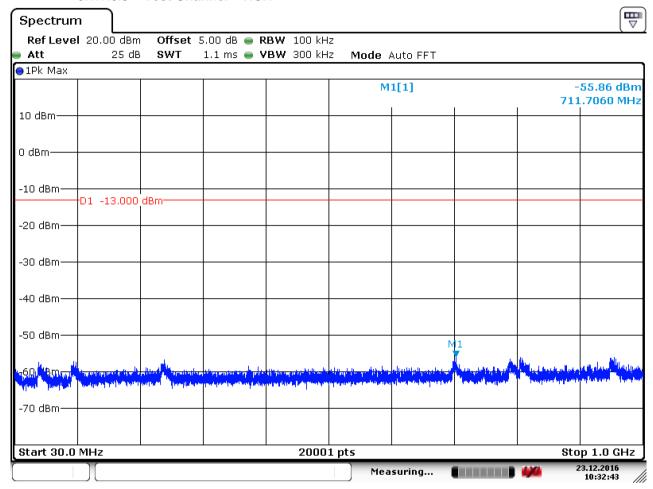
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Spectrun	n								[₩
	1 20.00 dBm		5.00 dB 😑 R						
Att	25 dE	SWT	30 ms 🥌 V	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max	T	1	T						
					M	1[1]			45.69 dBm
10 dBm								19.9	52750 GHz
0 dBm									
-10 dBm—	D1 -13.000	dBm							
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-60 dBm—									
-70 dBm—									
Start 10.0	GHz			2000	1 pts			Stop	20.0 GHz
					Mea	suring		<b>4/4</b> 2	3.12.2016 10:00:53

Date: 23.DEC.2016 10:00:54



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#### 6.1.1.6.3 Test Channel = HCH

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Spectru	m									
	<b>el</b> 21	0.00 dBm		5.00 dB 👄 F		_				
Att 1Pk Max		25 dB	SWT	27 ms 🛑 🛚	BW 3 MHz	Mode Au	ito Sweep			
UPK Max	_						1[1]			40.19 dBm
						171	1[1]			72400 GHz
10 dBm—										
0 dBm——										
-10 dBm										
	-D1	-13.000	dBm							
-20 dBm-										
-30 dBm-										
			M1							
-40 dBm-•				a subcurse	the second later three selections	and the second	and the second			
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-60 dBm—										
-70 dBm—	+							1		
Start 1.0	GHz	_			2000	1 pts				10.0 GHz
						Mea	suring		- <b>4/4</b> 2	23.12.2016 10:31:47

Date: 23.DEC.2016 10:31:48



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Spectrun	n								[₩
	l 20.00 dBm		5.00 dB 👄 R						
e Att	25 dB	SWT	30 ms 😑 V	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max			1						46.57.10
					IVI	1[1]			46.57 dBm 29750 GHz
10 dBm									
0 dBm									
-10 dBm—	D1 -13.000	dBm							
-20 dBm—	10.000								
-30 dBm									
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-60 dBm									
-70 dBm—									
Start 10.0	GHz	I	I	2000	1 pts	I	I	Stop	20.0 GHz
	][				) Mea	suring		<b>4/4</b> 2	23.12.2016 10:01:15

Date: 23.DEC.2016 10:01:15



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#### 7 Field Strength of Spurious Radiation

#### 7.1 For LTE

#### 7.1.1 Test Band = LTE band4

7.1.1.1.1	Test Channel = LC	H		
Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1199.000	-66.17	-13.00	53.17	Vertical
1518.000	-66.42	-13.00	53.42	Vertical
4267.500	-67.63	-13.00	54.63	Vertical
1584.000	-65.57	-13.00	52.57	Horizontal
4267.500	-67.44	-13.00	54.44	Horizontal
5730.000	-67.16	-13.00	54.16	Horizontal

#### 7.1.1.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1584.000	-66.13	-13.00	53.13	Vertical
2632.000	-58.03	-13.00	45.03	Vertical
4950.000	-67.27	-13.00	54.27	Vertical
1958.000	-63.31	-13.00	50.31	Horizontal
3975.000	-68.68	-13.00	55.68	Horizontal
6510.000	-66.64	-13.00	53.64	Horizontal

#### 7.1.1.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1595.000	-65.95	-13.00	52.95	Vertical
2552.000	-58.82	-13.00	45.82	Vertical
5145.000	-67.63	-13.00	54.63	Vertical
2616.000	-58.55	-13.00	45.55	Horizontal
4267.500	-67.83	-13.00	54.83	Horizontal
6510.000	-66.57	-13.00	53.57	Horizontal

NOTE:

 All modes are tested, but the data presented above is the worst case. the disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

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#### 8 Frequency Stability

#### 8.1 Frequency Error VS. Voltage

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				VL	-3.03	-0.00176	PASS
		LCH	TN	VN	1.46	0.00085	PASS
				VH	-4.73	-0.00275	PASS
				VL	2.49	0.00144	PASS
	LTE/TM1 20MHz	MCH	TN	VN	-3.84	-0.00222	PASS
				VH	2.22	0.00128	PASS
		НСН		VL	-3.56	-0.00204	PASS
			TN	VN	-5.07	-0.00291	PASS
LTE band				VH	-1.39	-0.00080	PASS
4		LCH	TN	VL	-4.08	-0.00237	PASS
				VN	-2.95	-0.00172	PASS
				VH	-3.06	-0.00178	PASS
				VL	3.56	0.00205	PASS
	LTE/TM2 20MHz	MCH	TN	VN	-5.25	-0.00303	PASS
				VH	2.54	0.00147	PASS
				VL	-3.38	-0.00194	PASS
		HCH	TN	VN	-7.10	-0.00407	PASS
				VH	1.45	0.00083	PASS



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#### 8.2 Frequency Error VS. Temperature

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-30	-3.40	-0.00198	PASS
				-20	-1.24	-0.00072	PASS
				-10	3.38	0.00197	PASS
				0	-3.75	-0.00218	PASS
		LCH	VN	10	1.65	0.00096	PASS
				20	2.15	0.00125	PASS
				30	-0.71	-0.00041	PASS
				40	-4.14	-0.00241	PASS
				50	1.69	0.00098	PASS
	LTE/TM1 20MHz			-30	-2.80	-0.00162	PASS
			VN	-20	-3.95	-0.00228	PASS
		МСН		-10	-7.29	-0.00421	PASS
				0	-5.32	-0.00307	PASS
LTEband 4				10	-0.44	-0.00025	PASS
				20	-3.94	-0.00227	PASS
				30	-5.66	-0.00327	PASS
				40	-2.43	-0.00140	PASS
				50	-6.92	-0.00399	PASS
				-30	2.24	0.00128	PASS
				-20	-1.49	-0.00085	PASS
				-10	1.65	0.00095	PASS
				0	-2.83	-0.00162	PASS
		HCH	VN	10	1.60	0.00092	PASS
				20	-3.57	-0.00205	PASS
				30	-2.09	-0.00120	PASS
				40	-5.53	-0.00317	PASS
				50	-4.90	-0.00281	PASS



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	•				Page:	1/6 Of 1/6	
Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-30	-2.52	-0.00147	PASS
				-20	-2.45	-0.00142	PASS
				-10	3.18	0.00185	PASS
				0	-2.64	-0.00153	PASS
		LCH	VN	10	1.60	0.00093	PASS
				20	-0.23	-0.00013	PASS
				30	-2.44	-0.00142	PASS
				40	5.34	0.00310	PASS
			-	50	4.73	0.00275	PASS
	LTE/TM2 20MHz			-30	-3.80	-0.00219	PASS
			VN	-20	-5.38	-0.00311	PASS
				-10	-7.19	-0.00415	PASS
				0	-4.32	-0.00249	PASS
LTEband 4		MCH		10	-2.34	-0.00135	PASS
				20	1.74	0.00100	PASS
				30	-5.67	-0.00327	PASS
				40	-2.32	-0.00134	PASS
				50	-3.41	-0.00197	PASS
				-30	3.84	0.00220	PASS
				-20	-2.55	-0.00146	PASS
				-10	1.59	0.00091	PASS
				0	-3.73	-0.00214	PASS
		HCH	VN	10	-2.34	-0.00134	PASS
				20	-1.47	-0.00084	PASS
				30	-2.89	-0.00166	PASS
				40	-4.39	-0.00252	PASS
				50	-5.60	-0.00321	PASS

The End