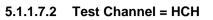
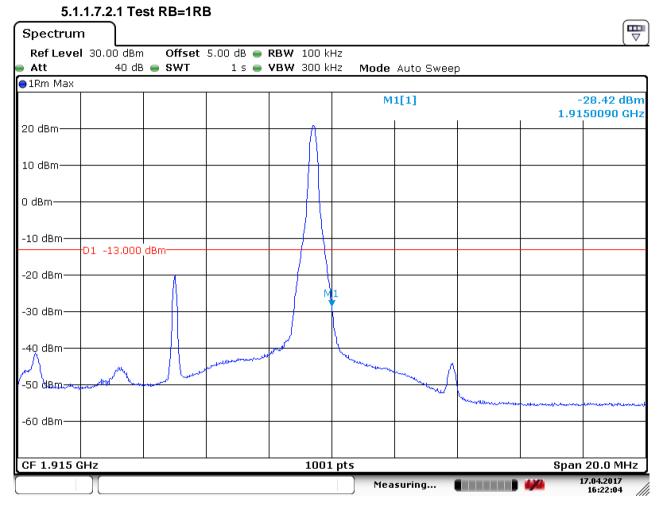


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5.1.1.7.2.2 Test RB=50RB

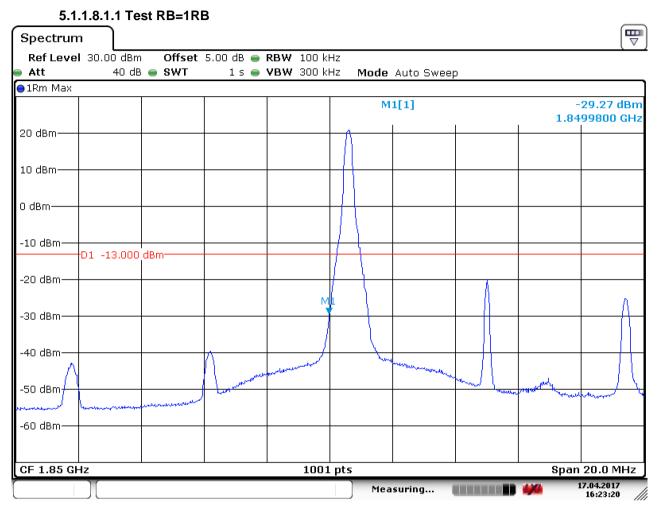
Date: 17.APR.2017 16:20:20



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5.1.1.8 Test Mode = LTE/TM2 10MHz

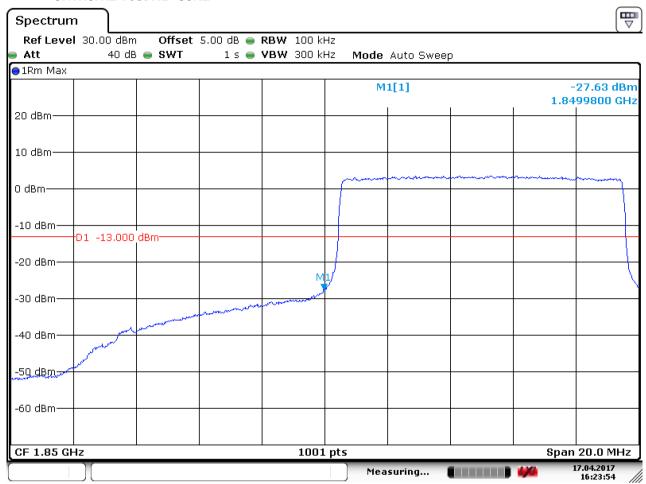
5.1.1.8.1 Test Channel = LCH



Date: 17.APR.2017 16:23:20



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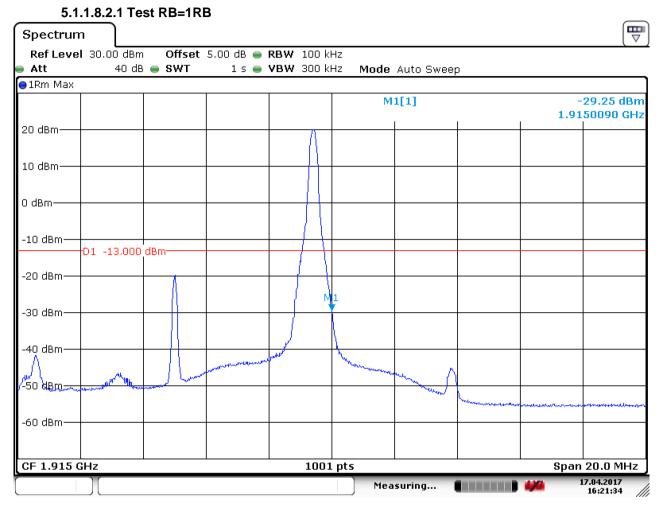
5.1.1.8.1.2 Test RB=50RB

Date: 17.APR.2017 16:23:54



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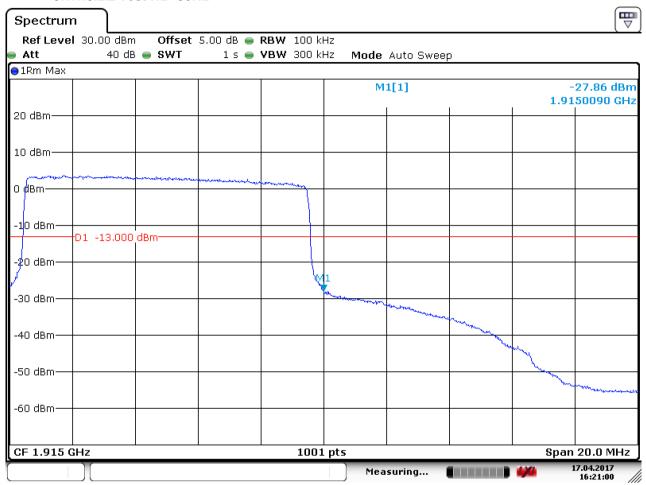




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5.1.1.8.2.2 Test RB=50RB

Date: 17.APR.2017 16:21:01

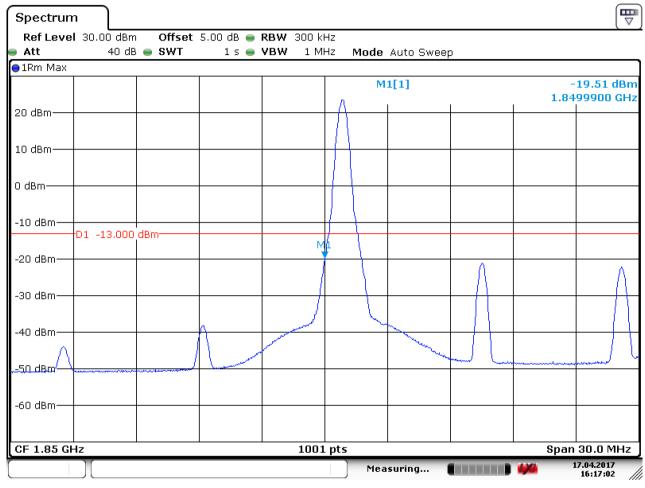


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5.1.1.9 Test Mode = LTE/TM1 15MHz

5.1.1.9.1 Test Channel = LCH

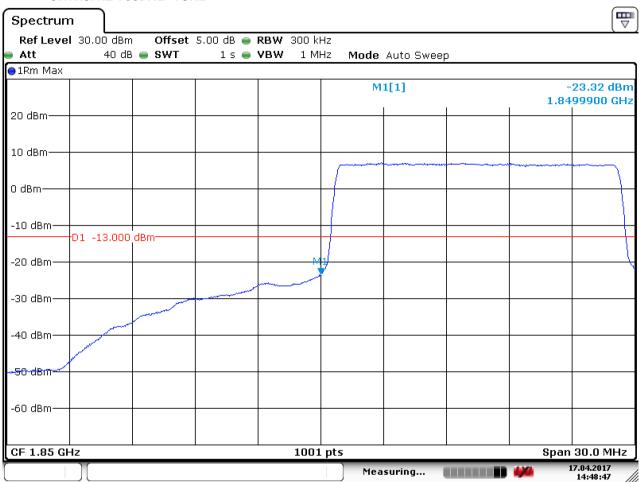
5.1.1.9.1.1 Test RB=1RB



Date: 17.APR.2017 16:17:02



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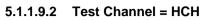


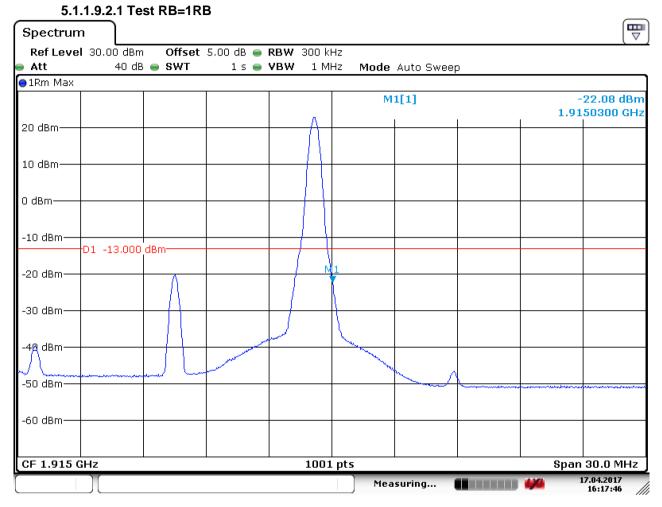
5.1.1.9.1.2 Test RB=75RB

Date: 17.APR.2017 14:48:47



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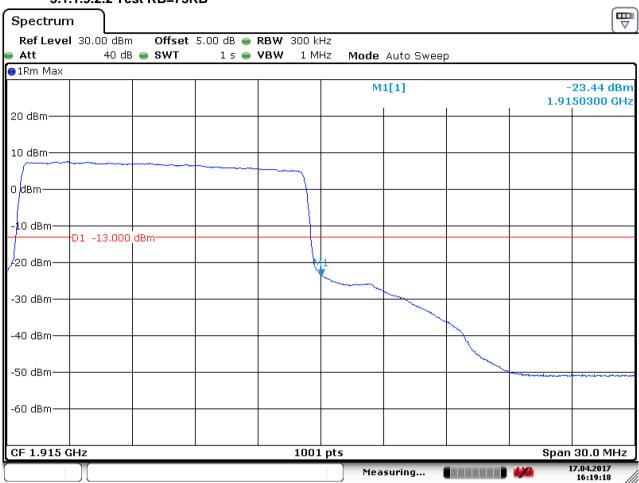




Date: 17.APR.2017 16:17:46



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5.1.1.9.2.2 Test RB=75RB

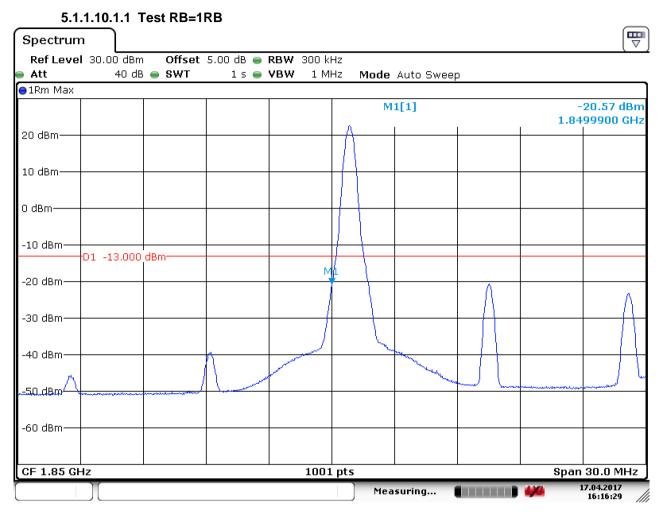
Date: 17.APR.2017 16:19:18



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5.1.1.10 Test Mode = LTE/TM2 15MHz

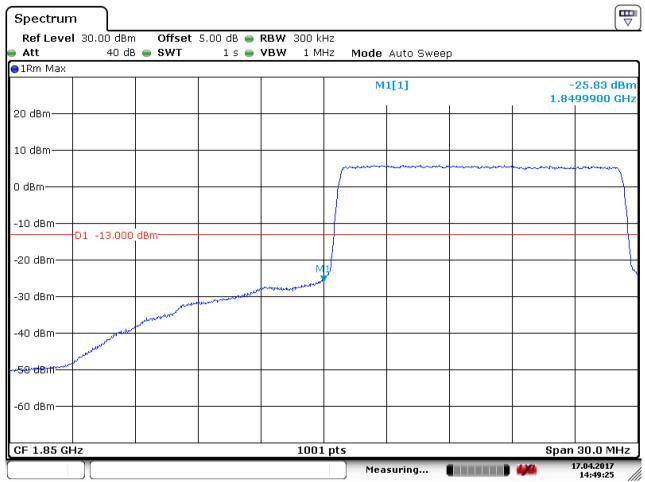
5.1.1.10.1 Test Channel = LCH



Date: 17.APR.2017 16:16:29



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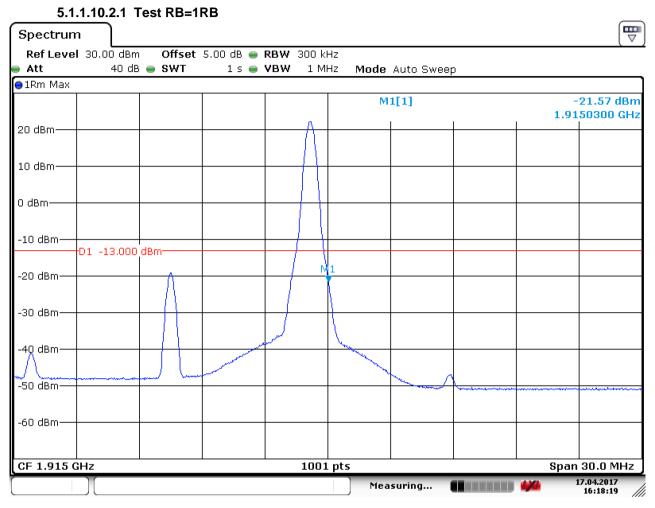
5.1.1.10.1.2 Test RB=75RB

Date: 17.APR.2017 14:49:26



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5.1.1.10.2 Test Channel = HCH



Date: 17.APR.2017 16:18:19



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5.1.1.10.2.2 Test RB=75RB

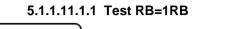
Date: 17.APR.2017 16:18:45

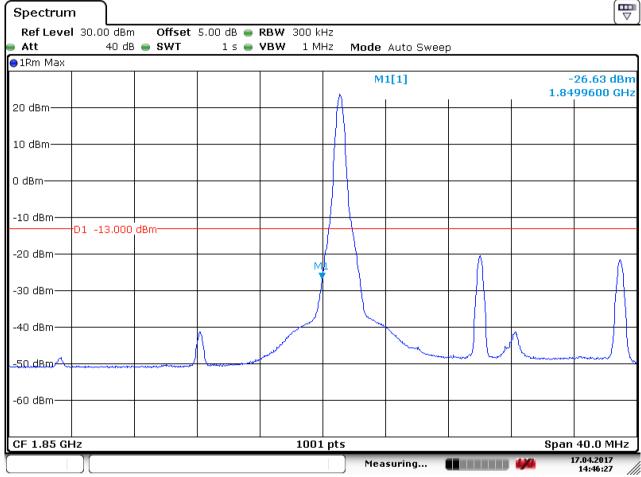


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5.1.1.11 Test Mode = LTE/TM1 20MHz

5.1.1.11.1 Test Channel = LCH

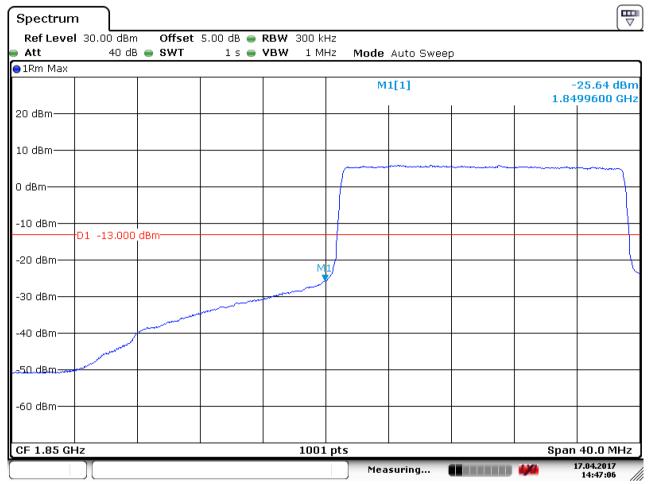




Date: 17.APR.2017 14:46:27



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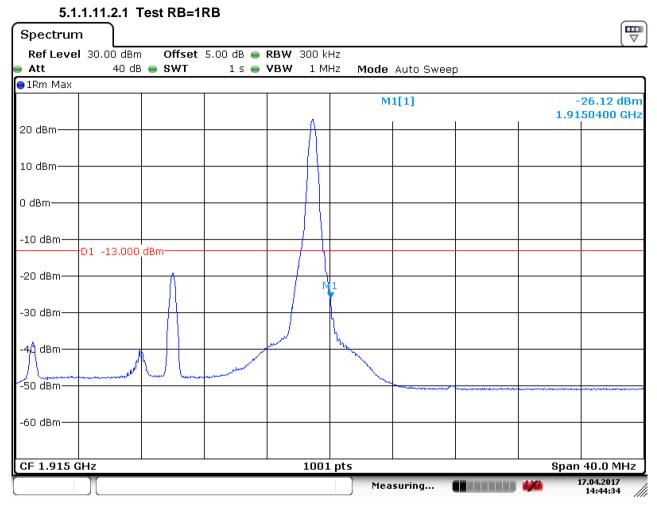
5.1.1.11.1.2 Test RB=100RB

Date: 17.APR.2017 14:47:07



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5.1.1.11.2 Test Channel = HCH



Date: 17.APR.2017 14:44:35



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Spectrum	ι								
	I 30.00 dBm		5.00 dB 👄						
Att	40 dB	SWT 🖷	1 s 👄	VBW 1 M	Hz Mode	Auto Swee	p		
⊖1Rm Max		1	Γ			4541			05.67.40
					IVI	1[1]			25.67 dBm .50400 GHz
20 dBm									
10 dBm									
0 dBm				horner					
-10 dBm									
	D1 -13.000	dBm							
-20 dBm				R.	1				
-30 dBm—						Manual Andrews			
-40 dBm									
-50 dBm									
-60 dBm									
CF 1.915 0	GHz			1001	pts			-	40.0 MHz
][]				Mea	isuring		444	17.04.2017 14:43:51 //

5.1.1.11.2.2 Test RB=100RB

Date: 17.APR.2017 14:43:51

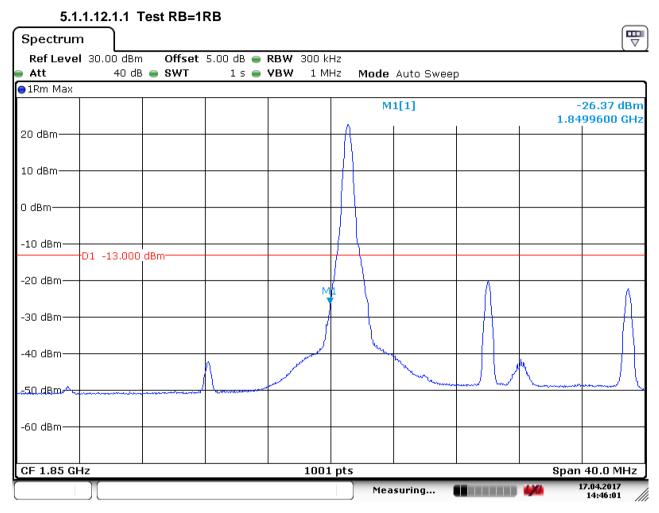
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5.1.1.12 Test Mode = LTE/TM2 20MHz

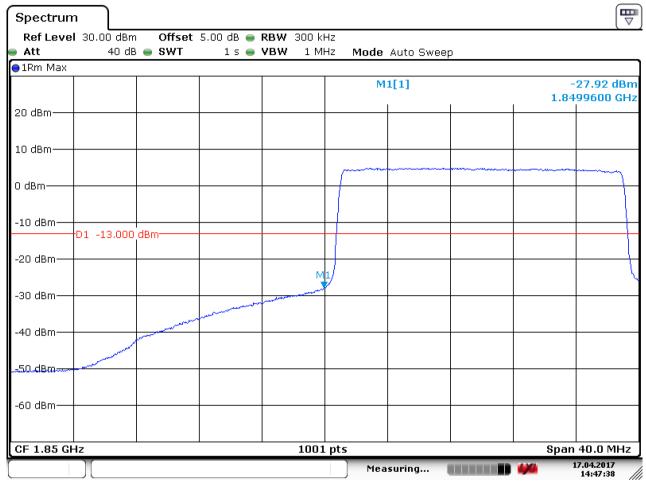
5.1.1.12.1 Test Channel = LCH



Date: 17.APR.2017 14:46:01



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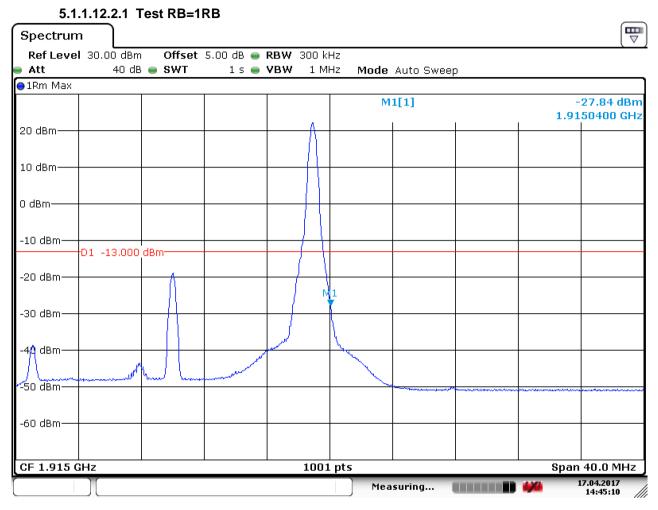
5.1.1.12.1.2 Test RB=100RB

Date: 17.APR.2017 14:47:39



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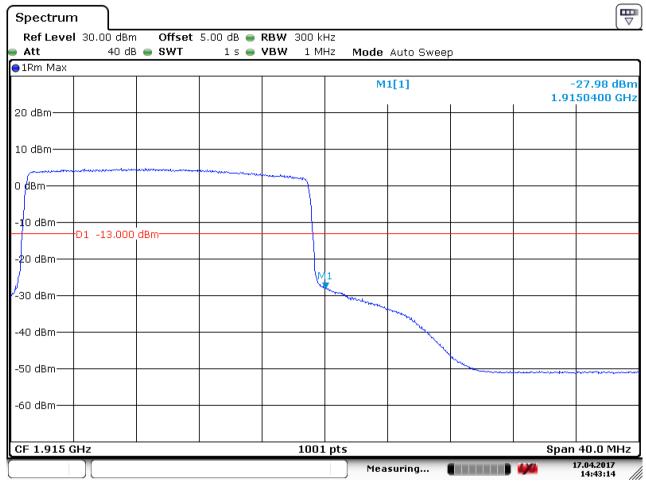
5.1.1.12.2 Test Channel = HCH



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5.1.1.12.2.2 Test RB=100RB

Date: 17.APR.2017 14:43:14



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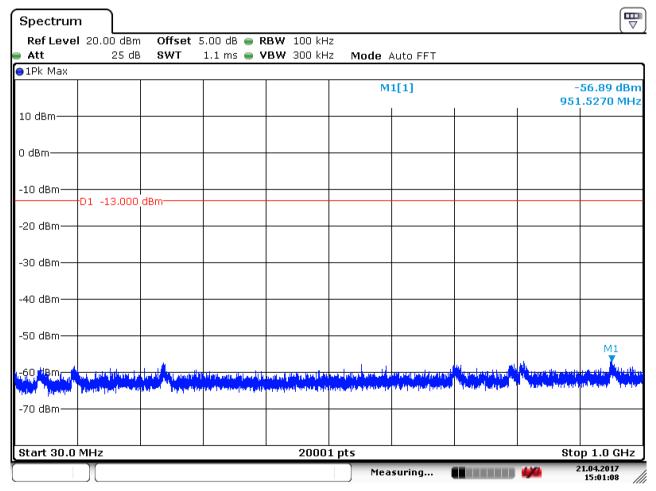
6 Spurious Emission at Antenna Terminal

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 L - Test Plots

6.1 For LTE

- 6.1.1 Test Band = LTE band25
- 6.1.1.1 Test Mode = LTE / TM1 1.4MHz RB1#0

6.1.1.1.1 Test Channel = LCH



Date: 21.APR.2017 15:01:09



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Spectrur	n								
	el 20.00 dBm		5.00 dB 👄 F		_				
Att 1Pk Max	25 dB	SWT	27 ms 😑 \	BW 3 MHz	Mode Au	ito Sweep			
●1РК Мах		1				1[1]			35.61 dBm
						1[1]			00540 GHz
10 dBm									
0 dBm——									
-10 dBm—	D1 10.000								
-20 dBm—	D1 -13.000	abm							
-30 dBm—									
		Ŋ	1						
-40 dBm—		. I. mandata a	والمتحدث والمتحاطين والمراجع	ant and the plant in the section of		and the state of t	1		
<u>+50 վթիդեր</u>	and determine provide the second	a stand and the standard strengthe	11	PP-1-1-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		The second se	1 - A stable secoldary	and the second	
-60 dBm							an tha beau _{an an} an thick to be a selection of a selection of a		
-70 dBm—									
, o abii									
Start 1.0	GHz	I	I	2000	1 pts	I	I	Stop	10.0 GHz
)[]				Mea	suring		4/4 2	21.04.2017 15:30:05

Date: 21.APR.2017 15:30:05



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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]			46.44 dBm
10 dBm								19.9	38250 GHz
0 dBm									
-10 dBm—	D1 -13.000	dBm							
-20 dBm—									
-30 dBm—									
-40 dBm—									
_հ 50 մԲարքու	and the state of the state of the			الارمينية المعادية	իսլեն իրդ դերությո	والعاريون أأقرب بالعالة		العربيب والمحمد والم	M: المراجعية
and the second strength in the second strengt			The second state of the second state of the	No. of the local difference of	in a statistic sector and the	and a second	and a state of the second state of the	delle a travalge fran _{er} a pel 11	the control of the second
-60 dBm—									
-70 dBm—									
Start 10.0	GHz			2000	1 pts			-	20.0 GHz
					Mea	suring		- 44	:1.04.2017 15:17:30

Date: 21.APR.2017 15:17:31



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Spectrun	n]								
Ref Leve Att	20.00 dBn 25 dB		5.00 dB 👄 F	RBW 100 kH /BW 300 kH					
• Att	25 UC	0 0001	1.1 1115 🔲 ۱		2 Moue /	Auto FFT			
					М	1[1]			56.11 dBm 2.0120 MHz
10 dBm									
0 dBm——									
-10 dBm—	-D1 -13.000	dBm							
-20 dBm—									
-30 dBm—									
-40 dBm—									
-50 dBm—									M1
l-60 HBm-			n Callena and C					The second second	
-70 dBm—									
Start 30.0	I MHz	1		2000	1 pts	1	1	Sto	p 1.0 GHz
][) Mea	suring		4/4 2	· 21.04.2017 15:01:31 //

6.1.1.1.2 Test Channel = MCH

Date: 21.APR.2017 15:01:31

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Spectrun	n								
	l 20.00 dBm		5.00 dB 👄 R						
🗕 Att	25 dE	SWT	27 ms 😑 🖌	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max		-	-	1					
					M	1[1]			33.87 dBm
						1	1	3.7	64440 GHz
10 dBm									
0 dBm									
-10 dBm—									
-10 abiii	D1 -13.000	dBm							
-20 dBm—									
-30 dBm			и1						
			T						
-40 dBm—									
-40 dbm					و المعالية المعالية الم	and a sub-			
	I.			والمالية المتعارية والمرا		and the second			
, ₇ 50,dPm,≁		and the second	() Description Description of the	press and a second second second second	and the second s	i setele	واللعبية مرواطع وبالمديارة	والافاليونيل ورائس	and the state of the
and the second section of the	and the second se	ľ.				"Hun	and the second difference of the second s	And Street Street	and the standard standard standard state
-60 dBm—									
-70 dBm									
-70 abiii									
Start 1.0 (GHz	1	1	2000	1 pts	1	1	Stop	10.0 GHz
					Mea	suring			21.04.2017
						-			15:30:32

Date: 21.APR.2017 15:30:32



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Spectrun	n								
	l 20.00 dBm		5.00 dB 👄 R		-				
Att 1Pk Max	25 dB	SWT	30 ms 😑 V	BW 3 MHz	Mode Au	ito Sweep			
●тык мах	1	1			54	1[1]			46.70 dBm
					171	1[1]			40.70 UBIII 64250 GHz
10 dBm									
0 dBm									
-10 dBm—									
	D1 -13.000	dBm							
-20 dBm—									
-30 dBm—									
-40 dBm									
		La .		a ca. Kand	he shirth set of the shirth			n	M
,-50,dPm-in		nanganit tinggan ti		And and a state of the state of	in the state of th	An	in the second	n di manufati na digita di Su Manufati di Manufati di Sula di	A sta
-60 dBm—		aluelle cratico							
-70 dBm—									
Start 10.0	GHz	·	•	2000	1 pts	·		Stop	20.0 GHz
					Mea	suring		4/4 2	1.04.2017 15:17:56

Date: 21.APR.2017 15:17:57



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Spectrum	n								
Ref Leve			5.00 dB 👄 F						`
Att	25	db SWT	1.1 ms 👄	/BW 300 kH	z Mode	Auto FFT			
⊖1Pk Max									
					M	1[1]			55.92 dBm
10 dBm								811	7570 MHz
10 00									
0 dBm									
-10 dBm									
	D1 -13.0)00 dBm							
-20 dBm—									
-30 dBm									
-40 dBm									
-50 dBm								41	
60 #Bm									
-60 MBm	line probably	alama ani ing <mark>alama ang ang ang ang ang ang ang ang ang an</mark>	en fresk fresk Fresk fresk fre	e Alexand Die feel NUDAD Stat Ingestieweiten eine Alexand (die	lang banang pangang ng tang pang pang pang pang pang pang pang p	langan dinanganganganga Langan dinangangangan	The second s		disper Para
-70 dBm									
Start 30.0	MHz	· · · · · · · · · · · · · · · · · · ·	·	2000	1 pts	·	·	Sto	p 1.0 GHz
	Π) Mea	suring		4/4 2	21.04.2017 15:02:10

6.1.1.1.3 Test Channel = HCH

Date: 21.APR.2017 15:02:11



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Spectrum	n								
Ref Level Att	l 20.00 dBm 25 dB		5.00 dB 👄 R 27 ms 👄 V	RBW 1 MHz /BW 3 MHz	Mode Au	ito Sweep			
😑 1Pk Max									
					М	1[1]	I		30.02 dBm 27880 GHz
10 dBm									
0 dBm									
-10 dBm	D1 -13.000	dBm							
-20 dBm			M1						
-30 dBm									
-40 dBm				مول و مع الرفنينية من م		a la la sua da kina ki			
		in a farmer of the second s			terne and a state of a state of the		d all a grant for a special data		
-60 dBm									
-70 dBm									
Start 1.0 G	Hz	·	·	2000	1 pts	·	·		10.0 GHz
					Mea	suring		- 44	21.04.2017 15:31:15

Date: 21.APR.2017 15:31:15



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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	1					
					M	1[1]			46.35 dBm
10 dBm								19.8	29260 GHz
0 dBm									
-10 dBm—									
	D1 -13.000	dBm							
-20 dBm—									
-30 dBm—									
-40 dBm									
					ال ، مناهد ال	ut an ch			M1
աներություն	and a state	Allen and A	Hill Contraction	and a second	and the product of the	ىرى بىرىكى ئىرىكى يەركى يىرى بىرىكى ئىرىكى	and the start of the	in the second	La secolation
-60 dBm	and the state of the state of the	and and specific statistics of the specific statistics of the specific statistics of the specific statistics of					and the construction		
-70 dBm—									
Start 10.0	GHz			2000	1 pts	·		Stop	20.0 GHz
					Mea	suring		4/4 2	1.04.2017 15:18:22

Date: 21.APR.2017 15:18:22

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

6.1.1.2.1 Test Channel = LCH ₩ 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] -56.27 dBm 815.1510 MHz 10 dBm-0 dBm--10 dBm-D1 -13.000 dBm -20 dBm--30 dBm--40 dBm--50 dBm-11 al. ասև -60 ^HBm--70 dBm-Start 30.0 MHz 20001 pts Stop 1.0 GHz 21.04.2017 Measuring... 15:00:19

Date: 21.APR.2017 15:00:19



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Spectru	n							
	el 20.00 dBn		5.00 dB 👄 F		-			
Att	25 df	B SWT	27 ms 🖷 🕻	BW 3 MHz	Mode Au	ito Sweep		
⊖1Pk Max	11		1	1				
					M	1[1]		35.46 dBm 05940 GHz
10 dBm—							3.7	03940 GHZ
0 dBm——								
-10 dBm—								
-20 dBm—	D1 -13.000							
-30 dBm—								
-40 dBm—		N	1					
	l . In the second second	والحاد والعارية فالعراري إربين ال	, para da fata da da da man	utan patra se telaki		Li kala sente se la		
Mahiman Provinsion and Provinsion of the Provins	Manufacture and a state						a substantia a substantia da la substantia Na substantia da la substan	and the second secon
-60 dBm—								
-70 dBm—								
Start 1.0	GHz			2000	1 pts		Stop	10.0 GHz
						suring		1.04.2017
					·)			15:29:23

Date: 21.APR.2017 15:29:23



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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						17.10.10
					M	1[1]			47.12 dBm 01020 GHz
10 dBm								14.0	
0 dBm									
-10 dBm—									
-20 dBm	D1 -13.000	dBm							
-30 dBm									
-40 dBm									
				M1		1.0			
.+50.df\m#+++						and a second	and a second		
-60 dBm—									
-70 dBm—									
Start 10.0	GHz			2000	1 pts			Stop	20.0 GHz
					Mea	suring		4/4 2	21.04.2017 15:16:58

Date: 21.APR.2017 15:16:58



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Spectrun	n]							
Ref Leve Att	l 20.00 dBn 25 dB		5.00 dB 👄 F					`
All 1Pk Max	25 ut	5 5WI	1.1 ms 🛑 🕻	/BW 300 kH	2 Mode .	Auto FFT		
					М	1[1]		56.27 dBm 5.0370 MHz
10 dBm								
0 dBm								
-10 dBm—	D1 -13.000	dBm						
-20 dBm—								
-30 dBm—								
-40 dBm—								
-50 dBm—								M1
-60 HBm				n de la constante de la consta La constante de la constante de		i 19 yezhor (bereden) 19 beredeze (bereden)	in a state in a state in all provident in a state in a state provident in a know provident	
-70 dBm—								
Start 30.0	MHz			2000	1 pts		Sto	p 1.0 GHz
][suring	2 ²	21.04.2017 14:59:36 //

6.1.1.2.2 Test Channel = MCH

Date: 21.APR.2017 14:59:36

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Spectrun	n								
Ref Leve e Att	l 20.00 dBm 25 dB		5.00 dB 👄 F 27 ms 👄 V	RBW 1 MHz /BW 3 MHz	Mode Au	ito Sweep			
😑 1 Pk Max									
					М	1[1]	1		33.20 dBm 67590 GHz
10 dBm									
0 dBm——									
-10 dBm—	D1 -13.000	dBm							
-20 dBm—									
-30 dBm—			141 T						
-40 dBm—			و الديسية والعاملية المعاملة الم	an haya a kalandari Matikat		a kasala a kasala a ka			
ar50adPmate	<mark>in selectore a la constante da la constante da</mark>						la pinte da subrena alle tra dillor na si denga part fra anti parti fra d		
-60 dBm—									
-70 dBm—									
Start 1.0 (GHz	·	·	2000	1 pts		·		10.0 GHz
					Mea	suring		- 4/0 2	21.04.2017 15:28:44

Date: 21.APR.2017 15:28:44



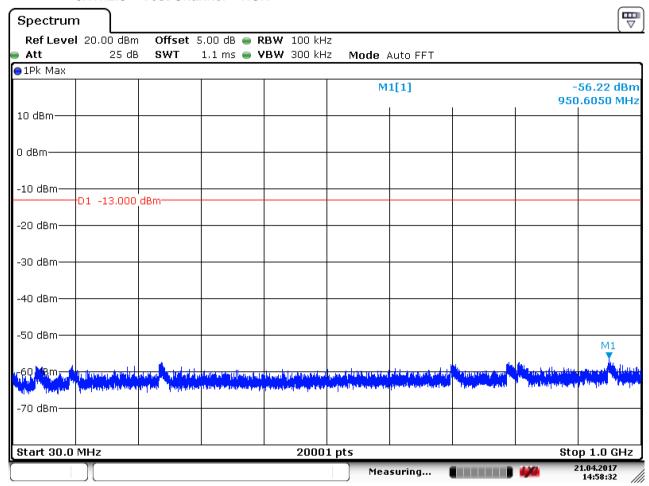
Report No.: SZEM170300261304 Page: 133 of 177

Spectrun	n								
	l 20.00 dBm		5.00 dB 😑 R						
e Att	25 dB	SWT	30 ms 🥃 🖌	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max	1								
					M	1[1]			46.63 dBm
						I	1	19.9	71750 GHz
10 dBm									
0 dBm									
-10 dBm									
	D1 -13.000	dBm							
00 d0m									
-20 dBm—									
-30 dBm——									
-40 dBm									
									M
_{i=} 50,dBmooth		المالي الكور ال		المرابع ومعاملاتهم والمرابع	والأسروما فاراده والطارات أرا	والبالي ورقالي بيايا	he was added	ا هر بالمالية المالي الم	
and a provide the second s	and a second		The second s	Property and Property and	Charles and the second second	and the second second	In the second second	and the providence of the later	Martin Martin
-60 dBm—									
-70 dBm——									
				0000					
Start 10.0	GHZ			2000	1 pts			-	20.0 GHz
					Mea	suring		4/4 2	1.04.2017 15:16:28

Date: 21.APR.2017 15:16:29



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6.1.1.2.3 Test Channel = HCH

Date: 21.APR.2017 14:58:33



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Spectrun	n								
	l 20.00 dBm		5.00 dB 😑 R						
Att	25 dE	SWT	27 ms 🖷 ۷	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max	r	1	1						
					м	1[1]			31.67 dBm
10 dBm								3.8	29680 GHz
0 dBm									
-10 dBm	D.1 . 10 000								
-20 dBm—	D1 -13.000								
-30 dBm			M1						
-40 dBm									
1050 MBanker	hat the second	والانتقار المستعرفة	h and the state of a	l jaj kan beta abaran		and the second data			
	Second State of the State of State	(shallowed a financial				11,40	and the second second	والا الأخاذ المراجلة (1999). مراكد عام	
-60 dBm									
-70 dBm—									
Start 1.0 G	 :Hz			2000:	1 nts			Ston	10.0 GHz
) (2000.				-	10.0 GH2
L I					Mea	suring		4/4	15:28:16

Date: 21.APR.2017 15:28:16



Report No.: SZEM170300261304 Page: 136 of 177

Spectrun	n								(₩
	l 20.00 dBm		5.00 dB 👄 R						
Att 1Pk Max	25 dB	SWT	30 ms 😑 V	BW 3 MHz	Mode Au	ito Sweep			
UPK Max			[м	1[1]			46.59 dBm
						1[1]			19760 GHz
10 dBm									
0 dBm									
-10 dBm—	D1 -13.000	dBm							
-20 dBm—									
-30 dBm									
-40 dBm									M1
ւղճ <mark>ն, վթրի</mark> գիտ		and as a line with the second second	in the second	Annal State of the	dan Madna kan	والأسي ساد فأكلوب ساح	la an the data is a factor	with the second s	alara a sa
al Development das auf des	the state of the second state of the	and the second difference of the second s	And the second	State of the State	and the second states.	and the second	No. of Physics and Physics Press, Phys. 70, 100	ana ang sang sang sang sang sang sang sa	Magadi Milana
-60 dBm—									
-70 dBm—									
Start 10.0	GHz	I	I	2000	1 pts	l	·	Stop	20.0 GHz
					Mea	suring		4/0 2	21.04.2017 15:16:01

Date: 21.APR.2017 15:16:01



6.1.1.3

Test Mode = LTE / TM1 5MHz RB1#0

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

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6.1.1.3.1 Test Channel = LCH ₽ 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] -56.80 dBm 264.7040 MHz 10 dBm-0 dBm--10 dBm-D1 -13.000 dBm--20 dBm--30 dBm--40 dBm--50 dBm-M1 _60 MBm-__ all, rokala has بيايلك رأيه بنائه أيلك رهير u da d -70 dBm-Start 30.0 MHz 20001 pts Stop 1.0 GHz 21.04.2017 Measuring... 14:48:14

Date: 21.APR.2017 14:48:14

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Spectrur	n									
	el 20.00 dBm		5.00 dB 🔵 R		_					
Att 1Pk Max	25 dB	SWT	27 ms 🛑 🎙	BW 3 MHz	Mode Au	ito Sweep				
●1РК Мах		1	1		54	1[1]			35.40 dBm	
					M1[1]				3.700990 GHz	
10 dBm										
0 dBm										
-10 dBm—	.									
	D1 -13.000	dBm								
-20 dBm—										
-30 dBm—		N	11							
-40 dBm—			İ							
	ւեւ սենան	المراجعة المحاورين	ار میلید اور ماند. مربق اور ماند و معروف و معروف و م	an state and the	and the state of the					
-50 dBp									and the second second	
-60 dBm—										
-70 dBm—										
Start 1.0	GHz			2000	1 pts			Stop	10.0 GHz	
					Mea	suring		4/4 2	1.04.2017 15:26:26	

Date: 21.APR.2017 15:26:27



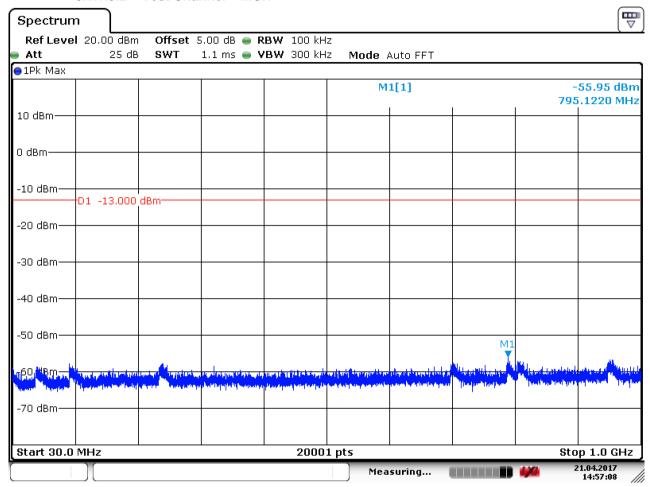
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Spectrun	ı)								[₩
	l 20.00 dBm		5.00 dB 😑 R						
e Att	25 dB	SWT	30 ms 🥃 V	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max									
					M	1[1]			46.74 dBm
						1	1	19.7	95260 GHz
10 dBm									
0 dBm									
-10 dBm									
	D1 -13.000	dBm							
-20 dBm—									
-30 dBm—									
-40 dBm									
									M1
յյ <mark>ն</mark> Օյյ նԳոնտես	u data -	. alain 1 a an a		فأقلب والطوار والأ	dentantle, cat, collar	الذهرر برا عضاط في اسر	ni thata na sa ana	and an and the second	a and a state
	in register in the second		The second s	and the second second second second	With the Station of the Station	And the second strength of the second strengt	and the second se	fairs an array of the	Provide States
			401°						
-60 dBm—									
-70 dBm—									
Start 10.0	GHz			2000	1 pts			-	20.0 GHz
][]				Mea	suring		- 4/4 2	21.04.2017 15:14:22

Date: 21.APR.2017 15:14:23



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6.1.1.3.2 Test Channel = MCH

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Spectrun	n									
	l 20.00 dBm		5.00 dB 😑 F							
Att	25 dB	SWT	27 ms 🥃 🕻	/BW 3 MHz	Mode Au	ito Sweep				
⊖1Pk Max	1		1							
					M1[1]				-34.30 dBm 3.760840 GHz	
10 dBm								3.7		
0 dBm										
-10 dBm—										
-20 dBm—	-D1 -13.000	asm								
-30 dBm—			1911							
-40 dBm										
50 പ് ടതം-പ	here the start of the start of	and the second of the second	المغار العقار القومه والمرار	A second states and	and the second second	debuter better				
	Constants of Summittee	and the second							and the state of t	
-60 dBm—										
-70 dBm—										
Start 1.0 C	 GHz			2000	1 pts			Stop	10.0 GHz	
						suring			1.04.2017 15:26:59	

Date: 21.APR.2017 15:27:00



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Ref Level 20.00 dBm Offset 5.00 dB 👄 RBW 1 MHz	``````````````````````````````````````
● Att 25 dB SWT 30 ms ● VBW 3 MHz Mode Auto Sweep	
1Pk Max	10.00.10
	-46.33 dBm)51250 GHz
10 dBm	
0 dBm	
-10 dBm D1 -13.000 dBm	
-20 dBm	
-30 dBm	
-40 dBm	M
-60 dBm	
-70 dBm	
Start 10.0 GHz 20001 pts Stop	20.0 GHz
	21.04.2017 15:14:51

Date: 21.APR.2017 15:14:52



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Spectrun	n]								
Ref Leve Att	20.00 dBn 25 dB		5.00 dB 👄 R	RBW 100 kH /BW 300 kH		Auto FFT			<u> </u>
• Att	20 41	5 311	1.1 1115 🚽 🖣	10 W 300 KH					
_					М		56.64 dBm 1.5470 MHz		
10 dBm——									
0 dBm									
-10 dBm—	D1 -13.000	dBm							
-20 dBm—									
-30 dBm—									
-40 dBm—									
-50 dBm									M1
-60 HBm-			alpadore productional Managementation			n na hina ang mangana ang m Na kana ang mangana ang mangang mangana ang mangana ang mangana ang mangana ang mangana ang mangana ang mangana	Joseffer, Jacoberg,		ang berk berk in Dierbere
-70 dBm—									
Start 30.0	MHz	L	I	2000	1 pts	I	L	Sto	p 1.0 GHz
)[) Mea	suring		4/4 2	21.04.2017 14:57:46

6.1.1.3.3 Test Channel = HCH

Date: 21.APR.2017 14:57:46

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Spectrum	ι							
	l 20.00 dBm		5.00 dB 😑 R					
Att	25 dB	SWT	27 ms 🖷 🎙	BW 3 MHz	Mode Au	ito Sweep		
⊖1Pk Max		1	T	1				
					м	1[1]		32.56 dBm 20680 GHz
10 dBm							3.0	
0 dBm								
-10 dBm								
-20 dBm—	D1 -13.000	dBm						
-30 dBm			<u>M1</u>					
-40 dBm			LI.					
-50.dBm-		أ مختفر في المنافر وال	-	la luce ann a' na stàitean air		ulpation description		
And the second second second second	in pristant supervised at	he possible de la prese	1					desites (
-60 dBm								
-70 dBm								
Start 1.0 G	Hz			2000:	1 pts		Stop	10.0 GHz
						suring	-	1.04.2017 15:27:32

Date: 21.APR.2017 15:27:33



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Spectrum	ι							
	l 20.00 dBm		5.00 dB 😑 R					
Att	25 dB	SWT	27 ms 🖷 🎙	BW 3 MHz	Mode Au	ito Sweep		
⊖1Pk Max		1	T	1				
					м	1[1]		32.56 dBm 20680 GHz
10 dBm							3.0	
0 dBm								
-10 dBm								
-20 dBm—	D1 -13.000	dBm						
-30 dBm			<u>M1</u>					
-40 dBm			LI.					
-50.dBm-		أ مختفر في المنافر وال	-	la luce ann a' peachtra as da		ulpation description		
And the second second second second	and and the second second	he possible de la prese	1					desites and the second s
-60 dBm								
-70 dBm								
Start 1.0 G	Hz			2000:	1 pts		Stop	10.0 GHz
						suring	-	1.04.2017 15:27:32

Date: 21.APR.2017 15:27:33



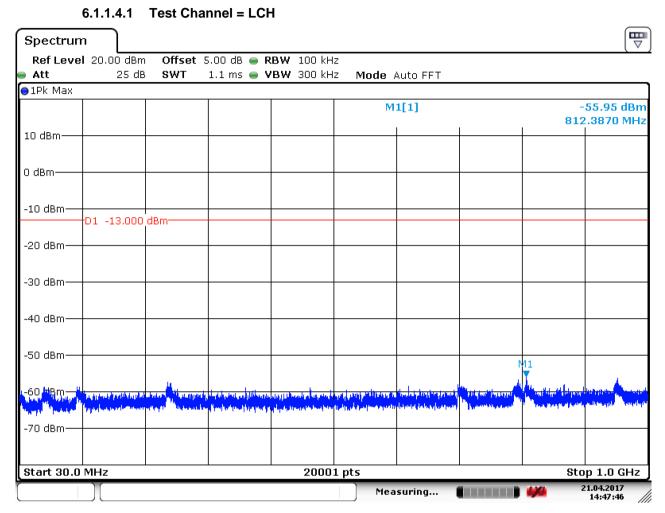
Report No.: SZEM170300261304 Page: 146 of 177

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	T						
					M	1[1]			46.94 dBm 71500 GHz
10 dBm								13.0	71300 GH2
0 dBm									
-10 dBm—									
-20 dBm—	D1 -13.000	dBm							
-30 dBm									
-40 dBm									
-50.dBhartha		المراجع المعاد	10	ا المراجع وعالي وي	11 Listing L. J. Ster		ta da ang kasadak	nati Linanin aras	an a bibin an
And the second					^{HE} -Arrible partitions the	and a second		a la parte a la carte de la	
-60 dBm——									
-70 dBm—									
Start 10.0	GHz			2000	1 pts			Stop	20.0 GHz
					Mea	suring		4/4 2	1.04.2017 15:15:30

Date: 21.APR.2017 15:15:31



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

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Spectrur	n									
	el 20.00 dBm		5.00 dB 👄 R						`	
Att	25 dE	SWT	27 ms 😑 V	BW 3 MHz	Mode Au	ito Sweep				
⊖1Pk Max		1	1						0 4 0 5 ID	
					M1[1]				-34.36 dBm 3.718990 GHz	
10 dBm——								0.7	10990 (112	
0 dBm										
-10 dBm—	-D1 -13.000	d8m								
-20 dBm—	DI -13.000									
-30 dBm—		, 	1 <u>1</u>							
-40 dBm—					1					
<mark>, "ŞQıd8</mark> m ∞n				and and the second stands		all the second second	مر الفريد والمراكبة المراجع المراجع الم	I tala aktor page 1991 billional	and the spectrum is not set of	
-60 dBm—									and the spectrum and	
-70 dBm—										
Start 1.0	GHz			2000	1 pts			Ston	10.0 GHz	
) (suring			21.04.2017	
									15:25:39	

Date: 21.APR.2017 15:25:39



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Spectrun	n								(₩
	l 20.00 dBm		5.00 dB 😑 R						
Att 10k May	25 dB	SWT	30 ms 😑 V	BW 3 MHz	Mode Au	ito Sweep			
●1Pk Max		1	1			1[1]			46.14 dBm
					IVI	1[1]			40.14 UBM 92260 GHz
10 dBm——									
0 dBm									
-10 dBm—									
-20 dBm—	D1 -13.000	dBm							
-30 dBm—									
-40 dBm—									M1
<u>, է5Օ, ՎԲրոպես</u>	the states		a second s	hand white and	halos of the state of the	يولون والمحصر والع	Marked and the second second second	الابيها ويعانيها الملا	and the day of the
and the second state of th	and the support of the second	and the second second							
-60 dBm—									
-70 dBm—									
Start 10.0	GHz			2000	1 pts			-	20.0 GHz
					Mea	suring		- 4/4 2	21.04.2017 15:13:51

Date: 21.APR.2017 15:13:51



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Spectrun	n]								
Ref Leve Att	l 20.00 dBm 25 dB		5.00 dB 👄 R	BW 100 kH /BW 300 kH					
Att 1Pk Max	20 UE	0 0 0 1	1.1 IIIS 👅 ¥	'DYY 300 KH	2 Moue /	Auto FFT			
-					М	1[1]	1		56.28 dBm).2470 MHz
10 dBm									
0 dBm									
-10 dBm—	D1 -13.000	dBm							
-20 dBm—									
-30 dBm—									
-40 dBm									
-50 dBm—									M1
-60 (Bm		harded a straight the	<mark>di bahatin ing sali nasi sa sa</mark> Ng taong kanahara ing pangang p	n yang seri lang ^{ta} ng tahun ketakan ketak Ketakan seri kana ketakan ketak		al hale de la selation de la selatio La general de la selation de la selat			a tha a share a Tan a share a s Tan a share a s
-70 dBm—									
Start 30.0	MHz	I		2000:	1 pts	I		Sto	p 1.0 GHz
)[) Mea	suring		4/4	21.04.2017 14:47:14

6.1.1.4.2 Test Channel = MCH

Date: 21.APR.2017 14:47:14

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Spectrun	n								
	l 20.00 dBm		5.00 dB 👄 F						
🗕 Att	25 dE	SWT	27 ms 👄 \	/BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max		-							
					M	1[1]			34.85 dBm
						1	1	3.7	74340 GHz
10 dBm——									
0 dBm			_				_		
-10 dBm—									
-10 uBiii—	D1 -13.000	dBm							
-20 dBm—									
-30 dBm—									
	1		M1						
-40 dBm—					1	Lotte			
			In the second second second	وموافقة الأطريبين وال	and the products				
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the second state of the second state	and a spectra of the state party							and the second	h fin hilling and have show
-60 dBm—									
00 00									
-70 dBm—									
Start 1.0 (L GHz			2000	1 nts			Ston	10.0 GHz
)(2000			4		10.0 0112
Ĺ					Mea	suring		40	15:25:03

Date: 21.APR.2017 15:25:04



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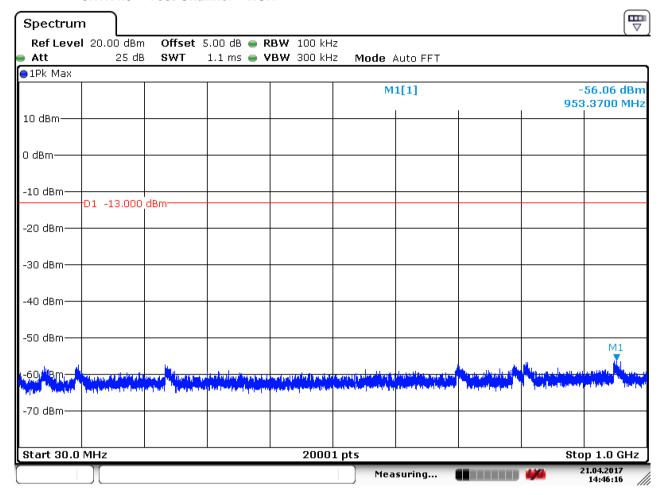
Spectrun	n								
	1 20.00 dBm		5.00 dB 👄 R						
Att	25 dB	SWT	30 ms 🥃 🎙	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max			1						
					M	1[1]			46.97 dBm
						ı	1	19.8	14760 GHz
10 dBm									
0 dBm									
-10 dBm—									
TO ODIN	D1 -13.000	dBm							
-20 dBm—									
-30 dBm—									
-40 dBm									
									M1
						ا المالية			
անը գետուր	The second second second	Parent Andrews				المتوجية المتحديقين المتحديث	lingun in a second de la	liailiteen leeksen ander en soorteksen van de soorteksen van de soorteksen van de soorteksen van de soorteksen	
	and the second second	theory and the second	lung the				of the second	and the second	
-60 dBm									
-70 dBm									
-70 abiii									
Start 10.0	GHz	1	1	2000	1 pts	1	1	Stop	20.0 GHz
)					suring		-	1.04.2017
						mgm			15:13:12

Date: 21.APR.2017 15:13:13

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6.1.1.4.3 Test Channel = HCH

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Spectrum	ı)								
Ref Level Att	l 20.00 dBm 25 dB		5.00 dB 👄 R	BW 1 MHz BW 3 MHz	Mada A	ita Cuisan			
Att 1Pk Max	25 UE	5 311	27 1115 👿 🖣		MOUE AL	ito Sweep			
					М	1[1]			31.55 dBm 29230 GHz
10 dBm									
0 dBm									
-10 dBm—	D1 -13.000	dBm							
-20 dBm—									
-30 dBm			M1						
-40 dBm				المراجع ومراجع	مينان <mark>بديادا</mark> مي توسط				
1-50.dBm-nd				a for the second se	a de la des _{de la} meditario		a fangelande Afgerelligen de ligte Marie de pikter en		and a state of the second s
-60 dBm									
-70 dBm									
Start 1.0 G	Hz			2000	1 pts			Stop	10.0 GHz
					Mea	suring		🚧 ²	21.04.2017 15:24:25

Date: 21.APR.2017 15:24:25



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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						
					M	1[1]			46.55 dBm
10 dBm								19.8	17260 GHz
0 dBm									
-10 dBm—	D1 -13.000	dBm							
-20 dBm—	DI -13.000								
-30 dBm—									
-40 dBm——									M1
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-60 dBm	And Print Installer		l <mark>han an a</mark>	a series and a series of the s			n sen en de la de la de la dela de la dela de la dela de	and and the second s	ando transmistra
-70 dBm—									
Start 10.0	GHz			2000	1 nts			Ston	20.0 GHz
				2000		curing (-	20.0 012
					Mea	suring			15:12:43

Date: 21.APR.2017 15:12:44

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

Ref Level 20.00 dBm Att 25 dB		5.00 dB 👄 R 1.1 ms 👄 V						
ALL 23 UB 1Pk Max	ואיס	1.1 IIIS 🛑 ¥		2 Moue	Auto FFT			
				М	1[1]			56.39 dB 2.5450 MF
D dBm								
dBm								
.0 dBm	dBm							
20 dBm								
30 dBm								
l0 dBm								
50 dBm								M1
O HBM	ulu. Uluu <mark>n,</mark> optatos	deline light de la company	and the spatial strengt sport		and the second second			alifere file
o dBm	entrif ⁻ Normani	an a state and a state of the s	p]]ten.point.e.hod	han parti anti pi fanti a	annan an tha ann an san an In san an san	and the set of the set	ر وي يو	يهران بينغانيك لين
tart 30.0 MHz			2000					p 1.0 GH

Date: 21.APR.2017 14:43:28

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Spectrum									
Ref Level			5.00 dB 👄 R		_				
Att 1Pk Max	25 dB	SWT	27 ms 🖷 🎙	BW 3 MHz	Mode Au	ito Sweep			
OIPK Max					54	1[1]			35.55 dBm
					171	1[1]			52650 GHz
10 dBm									
0 dBm									
-10 dBm	01 -13.000	dBm							
-20 dBm									
-30 dBm——				Ν	11				
-40 dBm—4—									
, _T 5Ω,deimin,	المراجع ميريون الم المراجع مراجع المراجع ا	يون المراجل الحراريان. مراجع المراجع ال		different and a d				I aaren amerikanin a	
-60 dBm							e polos pelastis di binanda pelastis (bin	raest (filler and filler)	
-70 dBm									
Start 1.0 GF	łz			2000	1 pts			Stop	10.0 GHz
	Υ					suring			21.04.2017 15:22:33

Date: 21.APR.2017 15:22:34



Report No.: SZEM170300261304 Page: 158 of 177

Spectrun	n]								
	l 20.00 dBm		5.00 dB 👄 R						
e Att	25 dB	SWT	30 ms 🥃 🎙	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max			1						
					M	1[1]			46.69 dBm
						I	1	19.9	31750 GHz
10 dBm									
0 dBm									
-10 dBm—									
10 0.011	D1 -13.000	dBm							
-20 dBm—									
-30 dBm—									
-40 dBm—									
io abiii									M:
	1			لەر بى	Indial International Contractor	والار المعديان ال	. In the second	المراجع المراجع	and the second
it-50, dPto _{rt} tit		internet and		and the second secon	Abatanta ang ang ang ang ang ang ang ang ang an	A STREET, STREE	ing and an elements	and the second se	Buy and the second second
	and the second se	and the contract of the contra							
-60 dBm									
-70 dBm									
Start 10.0	GHz		1	2000	1 pts		•	Stop	20.0 GHz
)(Mea	suring		4/4	21.04.2017 15:11:14

Date: 21.APR.2017 15:11:14



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Spectrun	n]								
	el 20.00 dBn		5.00 dB 👄 F						`
Att 1Pk Max	25 dE	B SWT	1.1 ms 🖷 🕻	/BW 300 kH	z Mode.	Auto FFT			
T IN MUN					М	1[1]			56.62 dBm 1.8540 MHz
10 dBm									
0 dBm									
-10 dBm—	-D1 -13.000	dBm							
-20 dBm—									
-30 dBm—									
-40 dBm—									
-50 dBm—							1	11 ▼	
-60 HBm	and the state of t				an la marta da la marta An la falagenta da la marta	a bergina an a			all and a lost of the second
-70 dBm—									
Start 30.0	 MHz	<u> </u>		2000	1 pts			lSto	 pp 1.0 GHz
][suring			21.04.2017 14:43:59 //

6.1.1.5.2 Test Channel = MCH

Date: 21.APR.2017 14:44:00

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Spectrun	n								
	l 20.00 dBm		5.00 dB 👄 F						`
Att	25 dE	SWT	27 ms 👄	/BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max		1	1	1					
					M	1[1]			33.99 dBm
10 dBm								3.7	51840 GHz
0 dBm									
-10 dBm—	D1 -13.000	dBm							
-20 dBm—	01 10.000								
-30 dBm			111						
-40 dBm—					+ .				
150.demater	and sold and	ال مراجع المراجع (م. المراجع من المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع المراجع منهم ومنه منهم منهم منهم منهم منهم منهم		ورا فق ما العراقي التي في المراجع الي وي المراجع المراجع			الرياد ويعاددون	a na sana ang ang ang ang ang ang ang ang ang	ang ta ta Mandara ana a
-60 dBm	and the second second					11 v ₁₂ -	entralis ponticita (supercontrations		alah daharan garan daram da
-70 dBm—									
Start 1.0 (GHz			2000:	1 pts				10.0 GHz
					Mea	suring		- 4/4 2	1.04.2017 15:23:07

Date: 21.APR.2017 15:23:07



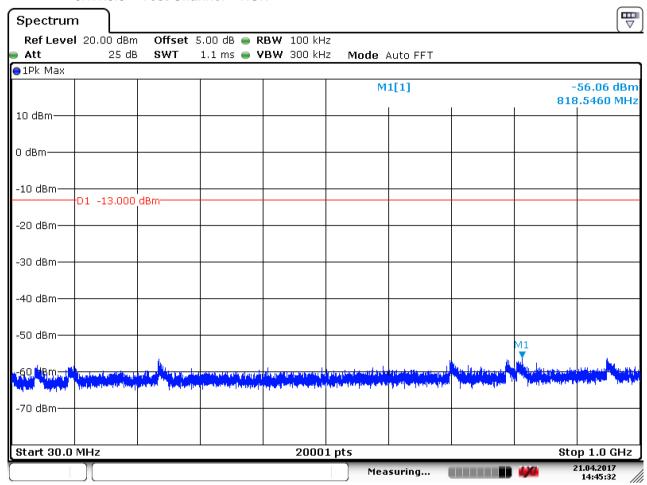
Report No.: SZEM170300261304 Page: 161 of 177

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		1						
					M	1[1]			46.78 dBm
						1	1	19.8	24260 GHz
10 dBm									
0 dBm									
-10 dBm									
	D1 -13.000	dBm							
00 40									
-20 dBm—									
-30 dBm——									
-40 dBm									
									M1
-50 dBab	and the second party of the			الله من الله من الله الله من الله الله الله الله الله الله الله الل	ad Mandauson	بقرور الماطين رواق		يس بالأليس	In the second second second
and the second second second second	In provide the second second		a and a second se	follow the second	the Addition and Addition of the	and the second	the philes manufactor	dense and a faile grade	the second s
	in.								
-60 dBm—									
-70 dBm—									
Start 10.0	GHz			2000	1 pts			-	20.0 GHz
					Mea	suring		4/4 2	21.04.2017 15:11:50

Date: 21.APR.2017 15:11:50



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6.1.1.5.3 Test Channel = HCH

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Spectrun	n								
	l 20.00 dBm		5.00 dB 👄 F		-				
Att 1Pk Max	25 dE	SWT	27 ms 🛑 🛚	BW 3 MHz	Mode Au	ito Sweep			,
●тьк мах						1[1]			33.47 dBm
					IVI	1[1]			33.47 aBm 01780 GHz
10 dBm									
0 dBm									
-10 dBm—									
	D1 -13.000	dBm							
-20 dBm—									
-30 dBm—			<u>M1</u>						
-40 dBm—									
	ւ սեսև	a succession for	مقابطة فالبقرين والبركر إلى			and a start of the start			a 1
1750.dBmm	and a second	Line of the second second second	1			No.4	supplified of the	and the part of the second	and a state of the second second
-60 dBm—									
-70 dBm									
Start 1.0 C	GHz	I	-	2000	1 pts	·		Stop	10.0 GHz
					Mea	suring		4/4 2	1.04.2017 15:23:47

Date: 21.APR.2017 15:23:47



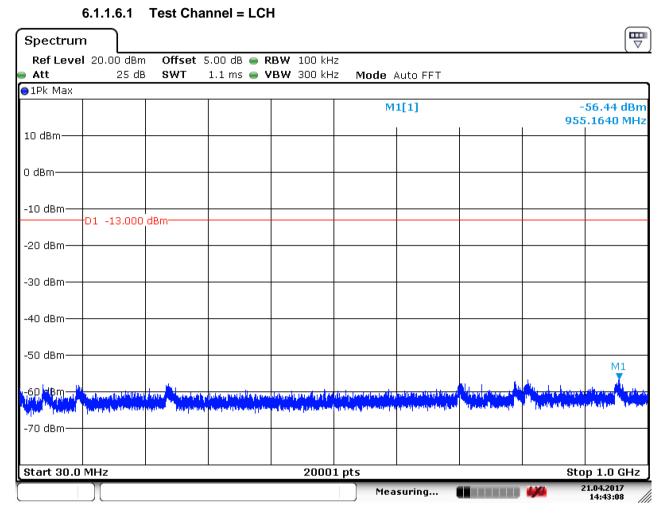
Report No.: SZEM170300261304 Page: 164 of 177

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		1						10.74
					M	1[1]			46.71 dBm 09750 GHz
10 dBm——								19.9	09700 012
0 dBm									
-10 dBm—	D1 10 000								
-20 dBm—	D1 -13.000								
-30 dBm									
-40 dBm									
1-50.dBComm	and the second sec	and the second diversion of the	a a second a state that the		the final states and the	والانبي الأسيرينان	والمحمد المحمد المحمد الم	and the standard	M1
de blonde fil telefonse film	haland a share a factor of	and the second se	for the second sec	and the second second				and the second secon	and the second
-60 dBm—									
-70 dBm—									
Start 10.0	GHz			2000	1 pts			Ston	20.0 GHz
[Υ					suring		-	1.04.2017
									15:12:22

Date: 21.APR.2017 15:12:22



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

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Spectrun	n)								
	l 20.00 dBm		5.00 dB 😑 R						
Att	25 dE	SWT	27 ms 🖷 V	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max	1	1	1	1					
					M	1[1]			34.48 dBm 37890 GHz
10 dBm								5.7	37090 GHZ
0 dBm									
-10 dBm—	-D1 -13.000								
-20 dBm—	101 -13,000								
-30 dBm—			MI						
-40 dBm			Ĩ						
. _≂ 50,d9nd-me	و وا والول و الحريم و المحمد ال	ور الاردور الأر _{اد الع} ار	النورية فوانانية وريان. معرب وريان				and a statistical point of the	n	
a la destination de la destin	And in the state of the state o								pairs of the second state
-60 dBm—									
-70 dBm—									
Start 1.0 (GHz			2000	1 pts			Stop	10.0 GHz
)[suring		-	21.04.2017 15:21:45

Date: 21.APR.2017 15:21:45



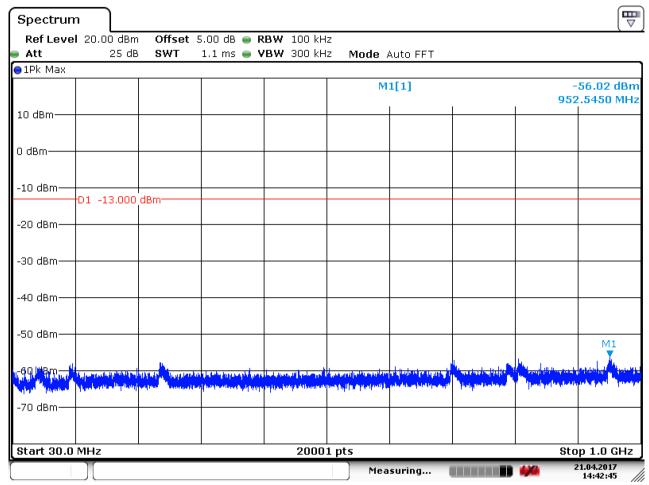
Report No.: SZEM170300261304 Page: 167 of 177

Spectrum	ı]								
	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]			46.93 dBm 46410 GHz
10 dBm								10.0	10110 0112
0 dBm									
-10 dBm	D1 -13.000	dBm							
-20 dBm									
-30 dBm									
-40 dBm						M1			
_{ក្រុ} ភ្នុΩdP/ល _{ចាំកាត}				and a second state of the	alitettesse statut Marinesse See ander		and a second sec	Halponia providental a posta de la companya de la c	
-60 dBm									
-70 dBm									
Start 10.0	GHz			2000	1 pts			Stop	20.0 GHz
(][suring			21.04.2017 15:10:44

Date: 21.APR.2017 15:10:45



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6.1.1.6.2 Test Channel = MCH

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Spectrun	n]								
Ref Leve Att	l 20.00 dBm 25 dB		5.00 dB 👄 R 27 ms 👄 V		Mode A	ito Sweep			
● 1Pk Max	20 42	0111			mode Ac				
					М	1[1]			32.81 dBm 82890 GHz
10 dBm——									
0 dBm									
-10 dBm—	D1 -13.000	dBm							
-20 dBm—									
-30 dBm—			1 <u>1</u>						
-40 dBm					د. د. د.				
,₋50,dPm ~~	and a state of the state			in the second second second	and the participation of the		والمراجع والمتعادي والمتعاد	الا ^{رام} الماديني ومادا أ _{روبي}	Participation of the state
-60 dBm	li por da los des presidentes de la					Property lies and the second s	e gebelen til beskendet forbore	naterial en proportatal de la	le ^{dda} ll de Br _{auge} , med dy an elle
-70 dBm—									
Start 1.0 C	GHz			2000	1 pts			Stop	10.0 GHz
					Mea	suring		4/4 2	1.04.2017 15:20:10

Date: 21.APR.2017 15:20:11



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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		T						
					M	1[1]			46.38 dBm
10 dBm								14.8	06010 GHz
0 dBm									
-10 dBm—									
-20 dBm—	D1 -13.000	dBm							
-30 dBm									
-40 dBm									
	l under other	القرن مطلقين	ور المراجع المراجع الم	M1	an and a mark by task	المريد والعربي والم	k ku	delitions and second all stores	a di steri dalla
and the second sec			A DESCRIPTION OF THE OWNER OWNER OF THE OWNER OWNER OF THE OWNER OWNE	for an an and the second state	In all office to a sector price.	and the second second		and grade day pollo	(heppendet) in sec.
-60 dBm—									
-70 dBm—									
Ob-ut 10.0					1			01	
Start 10.0	GHZ			2000				-	20.0 GHz
					Mea	suring		4/4 2	21.04.2017 15:10:23

Date: 21.APR.2017 15:10:24



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Spectrun	n)									
Ref Leve	l 20.0			5.00 dB 👄							
🗕 Att		25 dB	SWT	1.1 ms 😑	VBW	300 kH:	z Mode	Auto FFT			
😑 1Pk Max			-								
							M	1[1]			56.58 dBm
								1		949	.8290 MHz
10 dBm											
0 dBm					_						
-10 dBm											
10 0.011	D1 -1	3.000	dBm		_						
-20 dBm—											
-30 dBm											
-40 dBm					_						
-50 dBm											
-50 üBili											M1
									1	ш.	Υ.
-60 dBm								ile en pensione			a lla state i la sella si
Specific Basphpot	Mathema	ashallah	physiol (Breast	and the part of the second	nin dhudh	and collection to a	enne pleasann	a desta del standa po	. [Perford Methods	1 Territori de la constante	անակերը՝ երկիսեր
-70 dBm—					_						
Start 30.0	MHz					2000:	L pts			Sto	p 1.0 GHz
							Mea	asuring		4/4 2	1.04.2017 14:41:57

6.1.1.6.3 Test Channel = HCH

Date: 21.APR.2017 14:41:57

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Spectrum	n)								
Ref Level Att	20.00 dBn 25 dB		5.00 dB 👄 F 27 ms 👄 V	RBW 1 MHz /BW 3 MHz	Mode A	ito Sweep			
● 1Pk Max	20 41	, oni	21 110 🖉 1		mode Ac	ito oweep			
					М	1[1]	1		29.52 dBm 28330 GHz
10 dBm									
0 dBm									
-10 dBm—	D1 -13.000	 dBm							
-20 dBm——			M1						
-30 dBm			1						
-40 dBm				بەر يەر ئەر يەر يەر يەر يەر	and the second second	and have a set the			
, 50 d8 md4							allel (part in densitie) allel (part in densitie)		an initia na mpira initiana Antone na mpira initiana
-60 dBm									
-70 dBm——									
Start 1.0 G	GHz			2000:	L pts			Stop	10.0 GHz
					Mea	suring		4/4 2	:1.04.2017 15:21:04

Date: 21.APR.2017 15:21:05



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Spectrun	n								
	l 20.00 dBm		5.00 dB 😑 R						
Att	25 dE	SWT	30 ms 🛑 🖌	BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max	1	1	1						
					M	1[1]			45.69 dBm
10 dBm								19.7	88260 GHz
0 dBm									
-10 dBm—									
-20 dBm—	D1 -13.000								
-30 dBm									
-40 dBm									M1
Ju⊑QuelPro-the				المحاصية والعام ومسالة			a a se del assesse a sense		and the state
-60 dBm									
-70 dBm—									
Start 10.0	CH2			2000	1 nts			Stor	20.0 GHz
				2000					20.0 GHZ
L I					Mea	suring			15:04:30

Date: 21.APR.2017 15:04:30



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7 Field Strength of Spurious Radiation

7.1 For LTE

7.1.1 Test Band = LTE band25

7.1.1.1 Test Mode =LTE/TM1 20MHz RB1#0

7.1.1.1.1	Test Channel = LC	H		
Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
5827.500	-67.26	-13.00	-54.26	Vertical
7290.000	-65.77	-13.00	-52.77	Vertical
8947.500	-65.63	-13.00	-52.63	Vertical
1232.000	-67.36	-13.00	-54.36	Horizontal
3585.000	-69.18	-13.00	-56.18	Horizontal
6022.500	-66.51	-13.00	-53.51	Horizontal

7.1.1.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization								
1095.000	-67.81	-13.00	-54.81	Vertical								
1551.000	-66.51	-13.00	-53.51	Vertical								
1793.000	-63.66	-13.00	-50.66	Vertical								
1661.000	-65.06	-13.00	-52.06	Horizontal								
1991.000	-62.88	-13.00	-49.88	Horizontal								
4657.500	-67.92	-13.00	-54.92	Horizontal								

7.1.1.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1496.000	-66.58	-13.00	-53.58	Vertical
1738.000	-64.15	-13.00	-51.15	Vertical
3975.000	-68.39	-13.00	-55.39	Vertical
1408.000	-67.34	-13.00	-54.34	Horizontal
2656.000	-58.00	-13.00	-45.00	Horizontal
7485.000	-66.46	-13.00	-53.46	Horizontal

NOTE:

1) 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
LTEband25	LTE/TM1 20MHz	LCH	TN	VL	-3.45	-0.00185	PASS
				VN	-1.12	-0.00060	PASS
				VH	-2.45	-0.00132	PASS
		МСН	TN	VL	-5.33	-0.00283	PASS
				VN	-1.40	-0.00074	PASS
				VH	-4.29	-0.00228	PASS
		нсн	TN	VL	-4.30	-0.00226	PASS
				VN	-6.20	-0.00325	PASS
				VH	-1.52	-0.00080	PASS
	LTE/TM2 20MHz	LCH	TN	VL	0.45	0.00024	PASS
				VN	-1.68	-0.00090	PASS
				VH	0.44	0.00024	PASS
		МСН	TN	VL	2.88	0.00153	PASS
				VN	2.41	0.00128	PASS
				VH	-6.12	-0.00325	PASS
		НСН	TN	VL	-5.43	-0.00285	PASS
				VN	-1.31	-0.00069	PASS
				VH	-2.65	-0.00139	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
	LTE/TM1 20MHz	LCH	VN	-30	2.72	0.00146	PASS
				-20	1.60	0.00086	PASS
				-10	0.63	0.00034	PASS
				0	-2.88	-0.00155	PASS
				10	0.57	0.00031	PASS
				20	-1.82	-0.00098	PASS
				30	3.70	0.00199	PASS
				40	-5.02	-0.00270	PASS
				50	-6.03	-0.00324	PASS
		МСН	VN	-30	-2.80	-0.00149	PASS
				-20	-3.28	-0.00174	PASS
				-10	-0.39	-0.00021	PASS
				0	-4.31	-0.00229	PASS
LTEband25				10	2.31	0.00123	PASS
				20	1.72	0.00091	PASS
				30	1.63	0.00087	PASS
				40	2.13	0.00113	PASS
				50	-4.34	-0.00231	PASS
		НСН	VN	-30	-2.12	-0.00111	PASS
				-20	0.68	0.00036	PASS
				-10	3.50	0.00184	PASS
				0	-3.32	-0.00174	PASS
				10	1.29	0.00068	PASS
				20	-4.78	-0.00251	PASS
				30	2.22	0.00117	PASS
				40	-2.68	-0.00141	PASS
				50	-5.60	-0.00294	PASS



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					Page:	1// Of 1//	
Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		LCH	VN	-30	-2.39	-0.00128	PASS
				-20	-6.96	-0.00374	PASS
				-10	-3.97	-0.00213	PASS
	LTE/TM2 20MHz			0	2.30	0.00124	PASS
				10	-5.65	-0.00304	PASS
				20	-2.11	-0.00113	PASS
				30	-5.96	-0.00320	PASS
				40	-5.51	-0.00296	PASS
				50	-4.94	-0.00266	PASS
		МСН	VN	-30	-3.32	-0.00176	PASS
				-20	-4.29	-0.00228	PASS
LTEband25				-10	-2.34	-0.00124	PASS
				0	-7.76	-0.00412	PASS
				10	1.60	0.00085	PASS
				20	-2.43	-0.00129	PASS
				30	-4.13	-0.00219	PASS
				40	-5.24	-0.00278	PASS
				50	-6.33	-0.00336	PASS
				-30	-3.25	-0.00171	PASS
				-20	-4.54	-0.00238	PASS
				-10	-7.22	-0.00379	PASS
				0	1.30	0.00068	PASS
		НСН	VN	10	-3.37	-0.00177	PASS
				20	-4.03	-0.00212	PASS
				30	-3.12	-0.00164	PASS
				40	-2.89	-0.00152	PASS
				50	-5.17	-0.00271	PASS

The End