

Report No.: SZEM161000916605 Page: 71 of 135

Spectrum		5(110-75)						
	37.00 dBm			RBW 300 k				('
e Att	40 dB	🗧 SWT	1 s 👄	VBW 1 M	Hz Mod	e Auto Swe	ep	
●1Rm Max			1	1	1			
30 dBm						M1[1]		28.74 dBm 00300 GHz
20 dBm								
10 <u>dBm</u>								
0 dBm								
-10 dBm								
	D1 -13.000	dBm						
-20 dBm								
720 UDIII								
-30 dBm				n,	1			
-30 UDIII					{		man and and	
-40 dBm								
-40 0011								>
-50 dBm								
-30 ubiii-								
-60 dBm								
CF 2.57 GH	17			100:	Inte			 30.0 MHz
	7			100.				30.0 MHZ
Į – – – –	Л) Me	easuring		10:49:37

5.1.1.5.2.2 Test RB=75RB

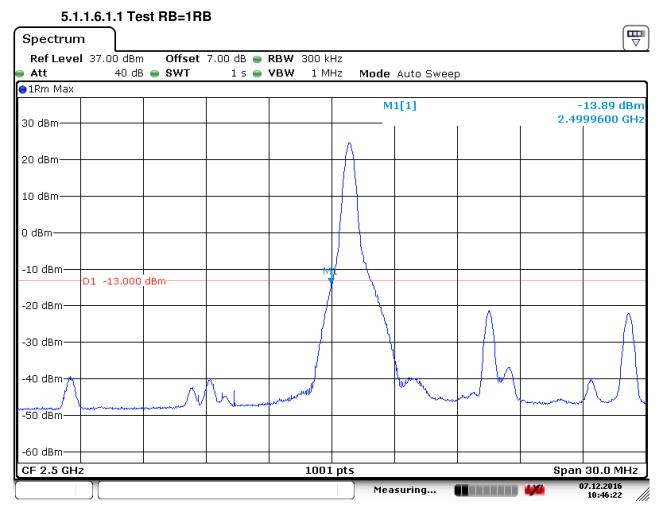
Date: 7.DEC.2016 10:49:37



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5.1.1.6 Test Mode = LTE/TM2 15MHz

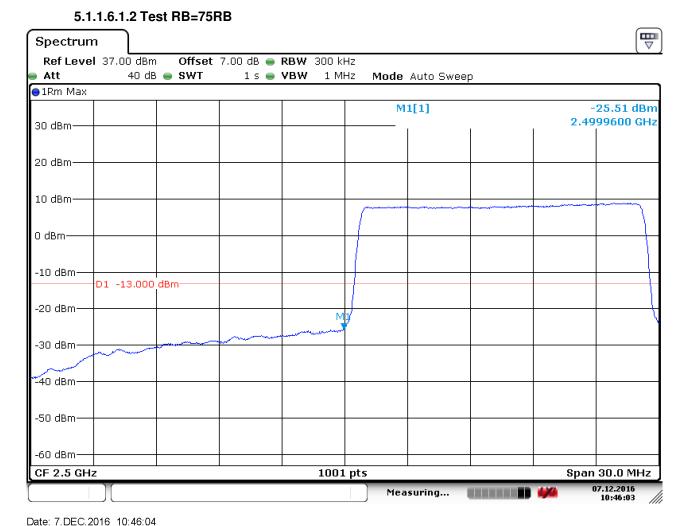
5.1.1.6.1 Test Channel = LCH



Date: 7.DEC.2016 10:46:22



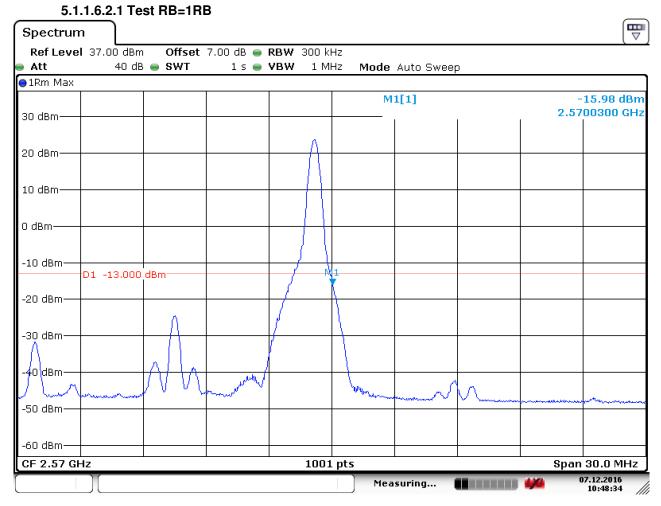
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Date: 7.DEC.2016 10:48:34



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Spectrum	·								
Ref Level	37.00 dBm	Offset	7.00 dB 😑	RBW 300 k	Hz				`
🖷 Att	40 dB	🖷 SWT	1 s 👄	VBW 1 M	Hz Mode	Auto Swee	эр		
●1Rm Max									
30 dBm					M	1[1]	1		28.16 dBm 00300 GHz
20 dBm									
10 dBm	······································								
0 dBm									
-10 dBm	D1 -13.000	dBm							
-20 dBm									
-30 dBm				۲ <u>۲</u>	1 				
-40 dBm									
-50 dBm									
-60 dBm									
CF 2.57 GH	lz	·	•	1001	pts	·	·	Span	30.0 MHz
)(Mea	suring			17.12.2016 10:49:19

5.1.1.6.2.2 Test RB=75RB

Date: 7.DEC.2016 10:49:19

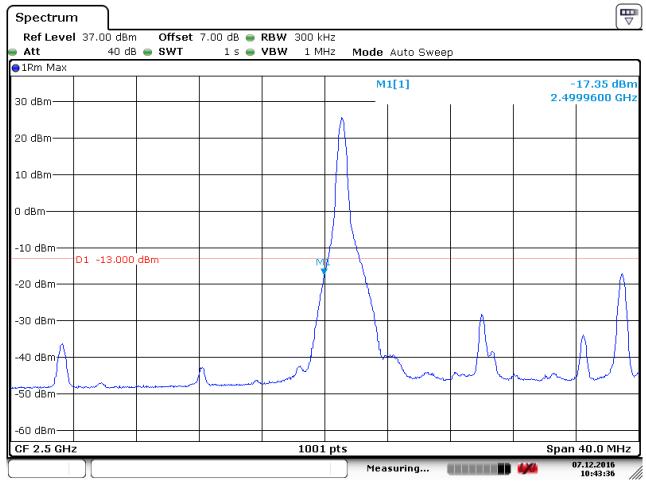


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5.1.1.7 Test Mode = LTE/TM1 20MHz

5.1.1.7.1 Test Channel = LCH

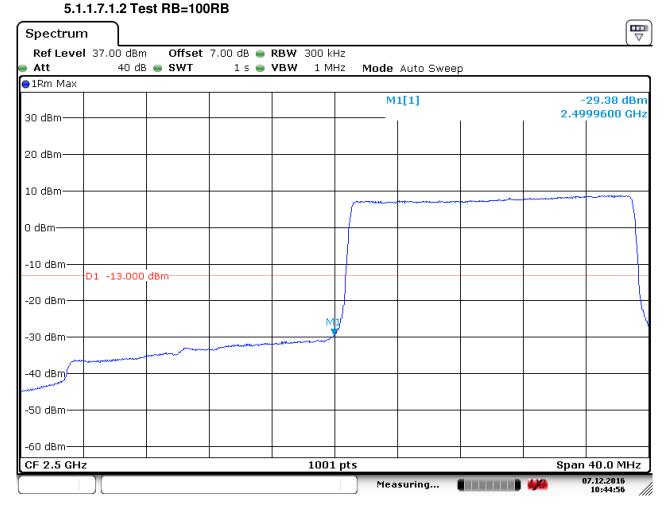
5.1.1.7.1.1 Test RB=1RB



Date: 7.DEC.2016 10:43:36



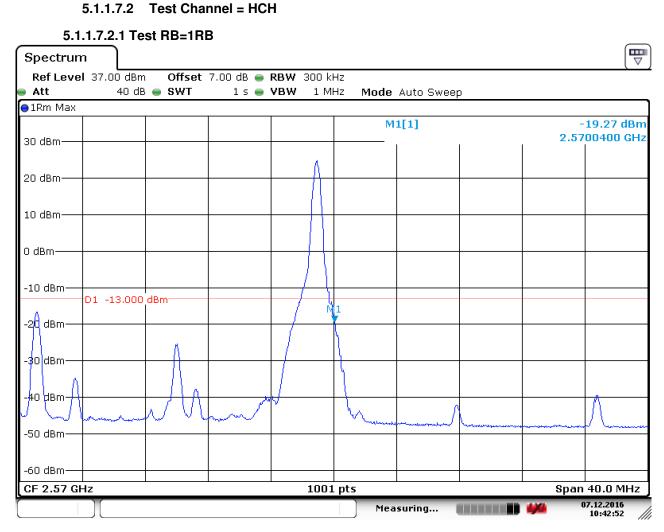
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Date: 7.DEC.2016 10:44:56



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Date: 7.DEC.2016 10:42:53



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Spectrum		5(110-10)						
Ref Level Att	ـــــــــــــــــــــــــــــــــــــ	Offset	7.00 dB 👄 1 s 👄					
1Rm Max	40 UB	ואים 🛑 ו	15 🖷			e Auto Swei	ер	
30 dBm					۲ 	M1[1]	1	-32.32 dBm /00400 GHz
20 dBm								
10 dBm								
0 dBm				$\left \right\rangle$				
-10 dBm	D1 -13.000	dBm						
-20 dBm								
/-30 dBm				ر ا	1 Turner			
-40 dBm								
-50 dBm								
-60 dBm	•				••			 40.0 MI
CF 2.57 GH	1Z			100	1 pts	_	-	40.0 MHz
Į – – – – –	八				Me	asuring		10:41:15

5.1.1.7.2.2 Test RB=100RB

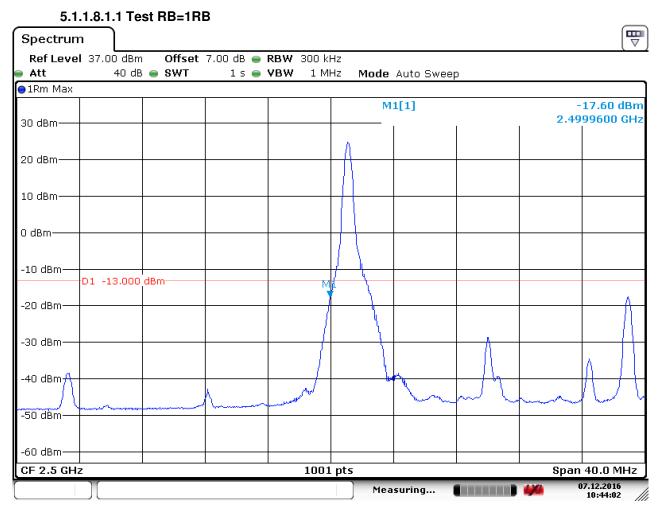
Date: 7.DEC.2016 10:41:15



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5.1.1.8 Test Mode = LTE/TM2 20MHz

5.1.1.8.1 Test Channel = LCH



Date: 7.DEC.2016 10:44:02



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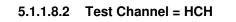
Spectrum	Γ									
Ref Level	l 37.00 dBm		7.00 dB 😑	RBW 300 k	Hz					
🗕 Att	40 dB	e swt	1 s 👄	VBW 1 M	Hz r	Mode	Auto Swee	ер		
😑 1Rm Max					-					
30 dBm						M:	1[1]	1		28.14 dBm 99600 GHz
20 dBm										
10 dBm										
0 dBm										
-10 dBm	D1 -13.000	dBm								
-20 dBm—										
-30 dBm				N an	2					
-40 dBm	~~~~									
-50 dBm										
-60 dBm										
CF 2.5 GHz	z			1001	. pts					40.0 MHz
	Π					Mea	suring		- 	07.12.2016 10:44:35

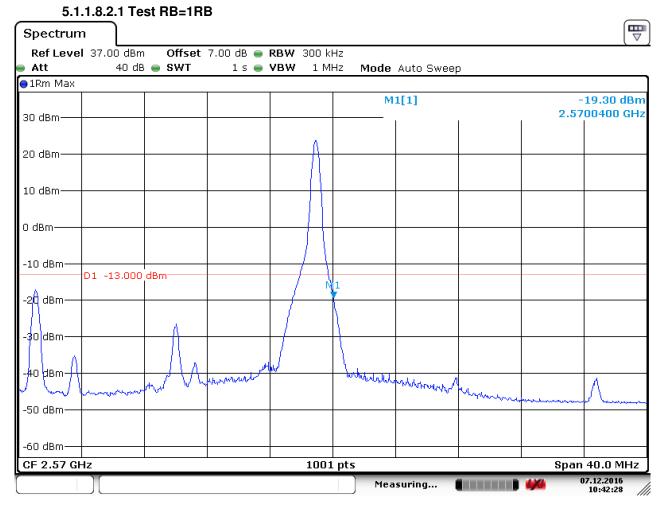
5.1.1.8.1.2 Test RB=100RB

Date: 7.DEC.2016 10:44:35



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Date: 7.DEC.2016 10:42:28



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Spectrum	·								
Ref Level			: 7.00 dB 😑	RBW 300 k	Hz				
🔵 Att	40 dE	SWT 🥃	1 s 👄	VBW 1 M	Hz Mode	Auto Swee	p		
⊖1Rm Max		•							
30 dBm					M	1[1]			30.65 dBm 00400 GHz
20 dBm									
10 dBm									
0 dBm									
-20 dBm	D1 -13.000	dBm							
-20 dBm					1				
-30 dBm					manne	m			
-40 dBm									a france
-50 dBm									
-60 dBm	7			100	L pts			Snan	40.0 MHz
	Y			100.		isuring		-	10:41:41

5.1.1.8.2.2 Test RB=100RB

Date: 7.DEC.2016 10:41:42



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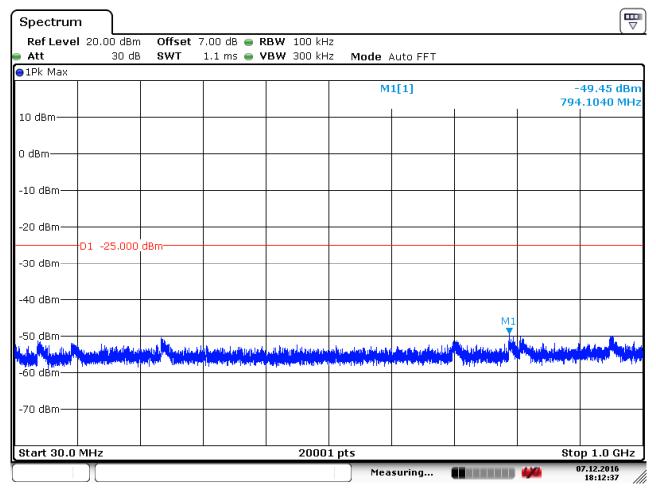
6 Spurious Emission at Antenna Terminal

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 band7
- 6.1.1.1 Test Mode = LTE / TM1 5MHz RB1#0

6.1.1.1.1 Test Channel = LCH



Date: 7.DEC.2016 18:12:37



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Spectrum	ן י									
Ref Level Att		dBm 5 dB	Offset SWT	7.00 dB 👄 F 27 ms 👄 V	RBW 1 MHz VBW 3 MHz	Mode Au	ito Sweep			
😑 1Pk Max										
						М	1[1]			39.19 dBm 00970 GHz
10 dBm										
0 dBm										
-10 dBm										
-20 dBm—	D1 -25.	000	dBm							
-30 dBm					M1					
-40 dBm	dinhamete	1. M	and an all the state of the		de the black the set			م والم الحالية والمالية الم	an distant at much	and had see to be
-60 dBm							in the second	. بالغريق المراجعة المحمد والله. المحمد المراجع المحمد المحمد والله المحمد والله المحمد والله المحمد المحمد الم	an de la constante de la const La constante de la constante de	and dealers and an end
-70 dBm										
Start 1.0 G	Hz				2000	1 pts			Ston	0 10.0 GHz
					2000		suring		-	07.12.2016 18:45:02

Date: 7.DEC.2016 18:45:03



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Spectrun	n								
Ref Leve e Att	l 20.00 dBm 25 dB		7.00 dB 👄 R 30 ms 👄 V	BW 1 MHz BW 3 MHz	Mode Au	ito Sweep			
😑 1Pk Max									
					М	1[1]	1		43.89 dBm 97260 GHz
10 dBm									
0 dBm									
-10 dBm									
-20 dBm—	D1 -25.000	dBm							
-30 dBm									
-40 dBm				معادلين وأور ريا	al the thread a spin to a built		leli i aso i lea alla		MI
	la de C ^{ara} lega y a de la del	and a second		and a second	Ballimote to a dis-	a and a state of the second	i i i i i i i i i i i i i i i i i i i	and a state of the design of the state	Haracterille out
-60 dBm		and any set of the set	Darendid an en						
-70 dBm—									
Start 10.0	GHz			2000	1 pts			Stop	20.0 GHz
					Mea	suring		444)7.12.2016 18:55:55

Date: 7.DEC.2016 18:55:56



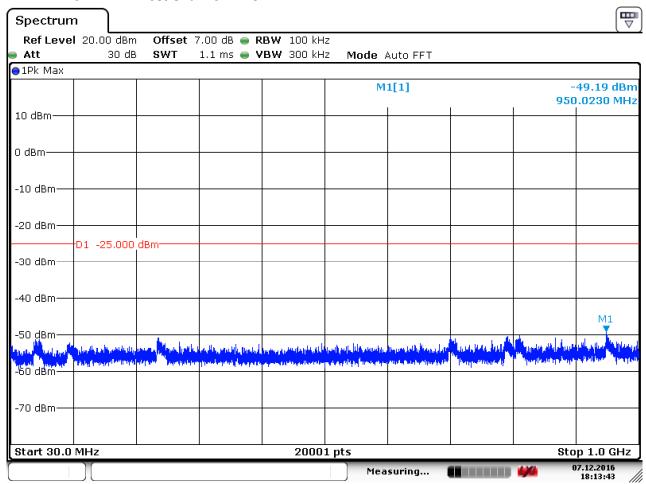
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Spectrun	n]								
Ref Leve Att	l 20.00 dBm 25 dB		7.00 dB 👄 R 30 ms 👄 V	BW 1 MHz BW 3 MHz	Mode Au	ito Sweep			`
⊖1Pk Max									•
					М	1[1]			44.76 dBm 21820 GHz
10 dBm									
0 dBm									
-10 dBm——									
-20 dBm—	D1 -25.000	dBm							
-30 dBm——									
-40 dBm		Juli . w. h		and the second second second		وغارهم وراعاتهم وراعا		M1	للارية فاليس و أنها ا لاري _{الما} ل
-Derlander og film						alising and the part of	a na fa sa		in a second s
-60 dBm——									
-70 dBm—									
Start 20.0	GHz			2000	1 pts				30.0 GHz
					Mea	suring		4/4 0	17.12.2016 18:56:21

Date: 7.DEC.2016 18:56:22



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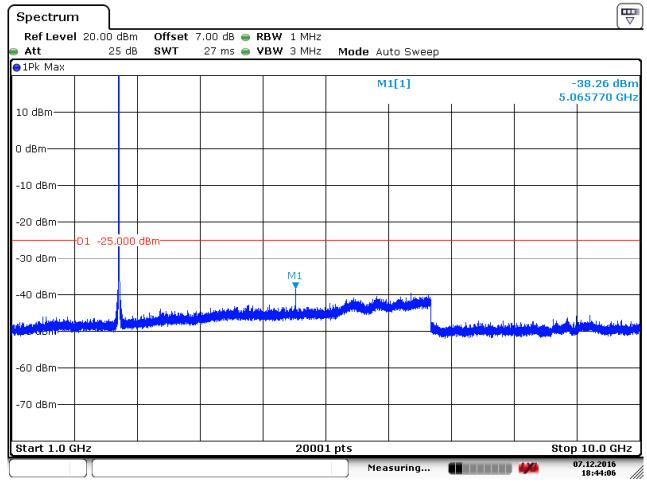


6.1.1.1.2 Test Channel = MCH

Date: 7.DEC.2016 18:13:43



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Date: 7.DEC.2016 18:44:07



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Spectrun	n]								[₩	
Ref Leve Att	l 20.00 dBm 25 dB		7.00 dB 👄 R 30 ms 👄 V	BW 1 MHz BW 3 MHz	Mode Au	ito Sweep				
⊖1Pk Max						·				
					М	1[1]			-44.07 dBm 19.806260 GHz	
10 dBm——										
0 dBm										
-10 dBm—										
-20 dBm—	D1 -25.000	dBm								
-30 dBm										
-40 dBm					and an all the second	tu bro				
	اللارماني الألطيلية		التعاديد وتعامل ورازله	الأنفارية والمحمور أرارا	n a prinsi na mana ana ang ang an Nganggangganggangganggangganggangganggan	and a second	ang philippe and a philippe and a second	i fili gladi kang _{dip} ari i		
-60 dBm		APARAN CONTRACTO	h palla di secondo la constana de la	Contraction of the		, ihi aili		an the second states		
-70 dBm—										
Start 10.0	GHz	1	I	2000	1 pts	1	I	Stop	20.0 GHz	
					Mea	suring		4/4 (7.12.2016 18:55:40	

Date: 7.DEC.2016 18:55:40



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Spectrun	n]								(₩
🖷 Att	l 20.00 dBm 25 dE		7.00 dB 👄 R 30 ms 👄 V	KBW 1 MHz VBW 3 MHz	Mode Au	ito Sweep			-
😑 1Pk Max									
					М	1[1]			44.15 dBm 66300 GHz
10 dBm									
0 dBm									
-10 dBm									
-20 dBm—									
-30 dBm	D1 -25.000	dBm							
-40 dBm—								M	<u>r</u>
later of the state	tana mahudukan panul	- Intelline and	ووالاس وبالغيم ويا	ah hay had been and a	a lauther as dated		الأحدار والأسادور	last and a fille staff, and	ار با سادر ساره ^{ا س} ادر _{ارا} با
-O de leve		a galana galangan	و و المحمد و معالم المحمد المحمد و الم المحمد المحمد و المحمد		and the second	i a mari	a de la companya de l		
-60 dBm——									
-70 dBm—									
Start 20.0	GHz			2000	1 nts			Ston	30.0 GHz
				2000		curing		-	7.12.2016
Ĺ					mea	suring			18:56:43 //

Date: 7.DEC.2016 18:56:44



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10 dBm 951.6240 MHz 10 dBm 950.621 MHz 10 dBm <	Spectrum	ι								
91Pk Max M1[1] -49.76 dBm 10 dBm 951.6240 MHz 0 dBm 951.6240 MHz 10 dBm 951.6240 MHz 20 dBm 91.25.000 dBm -20 dBm 91.25.000 dBm -30				_						`
10 dBm 951.6240 MHz 10 dBm		30 dE	SWT	1.1 ms 👄 V	′BW 300 kH	z Mode /	Auto FFT			
10 dBm 951.6240 MHz 10 dBm 951.6240 MHz 0 dBm 951.6240 MHz 10 dBm <	⊖1Pk Max									
10 dBm Image: start 30.0 MHz						M	1[1]			
0 dBm Image: start 30.0 MHz Image: start 30							I	I	951	6240 MHz
10 dBm Image: state	10 dBm									
10 dBm Image: state of the state of t										
20 dBm D1 -25,000 dBm	0 dBm									
20 dBm D1 -25,000 dBm										
20 dBm D1 -25,000 dBm	-10 dBm									
D1 -25.000 dBm Image: state of the st										
D1 -25.000 dBm Image: state of the st	00 d0m									
-30 dBm			I.							
40 dBm		D1 -25.000	dBm							
-70 dBm -70 dBm -71 dBm	-30 dBm									
-70 dBm -70 dBm -71 dBm										
50 dBm Image: State 30.0 MHz	-40 dBm——									
50 dBm Image: State 30.0 MHz										M1
Total and the second will be at the base of the second at the s	-50 dBm								J	
Instruction	har had been hidden	U.a.L. Spand Race	allow Address	dana pana dalah	and a state of the	nternet al plate	ada tana	and the state	- M	
-70 dBm	So deat	(persolation find) [loss	poster Poptatio	Providence (norther providence)	and a phase bet to a	koju alva kosto kontr	որհառոյիպետերե	huddhyndrae	1 Then begin a bath	and and the desired in the second
Start 30.0 MHz 20001 pts Stop 1.0 GHz	-00 00111									
Start 30.0 MHz 20001 pts Stop 1.0 GHz										
	-/U dBm									
	Start 30.0	MHz	I	I	2000	l pts	I		Sto	1.0 GHz
Measuring 12:12:016	()(suring			

6.1.1.1.3 Test Channel = HCH

Date: 7.DEC.2016 18:14:09



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Spectrun	n]									
Ref Leve Att		dBm 5 dB	Offset SWT		RBW 1 MHz VBW 3 MHz	Mode Au	ito Sweep			
😑 1Pk Max							•			•
						М	1[1]			37.98 dBm 31020 GHz
10 dBm										
0 dBm										
-10 dBm—										
-20 dBm—	D1 -25,	b 000	Bm							
-30 dBm					M1					
-40 dBm		1.1	وكفاه الارمانيل	and the second differences					1	- Malifus
and find the second	adan berberge di		, and a solution of a sec					n (n trajectoria da la constante da la constant Anomina da la constante da la co		
-60 dBm—										
-70 dBm—										
Start 1.0 C	GHz				2000:	1 pts				10.0 GHz
	Л					Mea	suring		44	07.12.2016 18:45:34

Date: 7.DEC.2016 18:45:34



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Spectrun	n]								[₩	
Ref Leve e Att	l 20.00 dBm 25 dE		7.00 dB 👄 R 30 ms 👄 V	RBW 1 MHz VBW 3 MHz	Mode Au	ito Sweep				
😑 1Pk Max										
					М	1[1]			-43.45 dBm 19.939750 GHz	
10 dBm										
0 dBm										
-10 dBm										
-20 dBm—										
-30 dBm	D1 -25.000	dBm								
-40 dBm									M:	
an a star a star a star a star An a star a s	المراجع		Land and Line of the second		then water the		alah dalam ya lahini Mala dalam ya katalari	Malagar (Malagar) Malagar (Malagar) Malagar (Malagar)		
-60 dBm		and the set					,			
-70 dBm										
-70 ubiii										
Start 10.0	GHz	I		2000	1 pts	I	I	Stop	20.0 GHz	
					📄 Mea	suring		4/4)7.12.2016 18:55:23	

Date: 7.DEC.2016 18:55:24



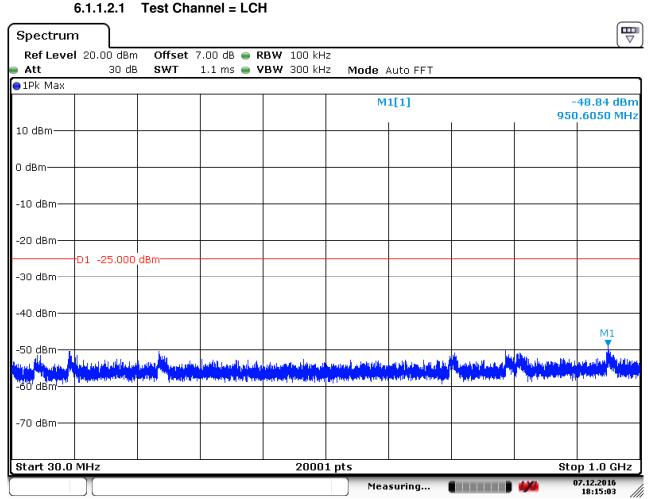
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Spectrun	n]									
Ref Leve Att	l 20.00 dBm 25 dB		7.00 dB 👄 R	BW 1 MHz BW 3 MHz	Modo Au	ito Sweep				
• 1Pk Max	20 00	3111	JU IIIS 🚽 🕇	DW J MILZ	MOUE AU	ito aweeh				
					М	1[1]		-44.69 dBm 28.061350 GHz		
10 dBm										
0 dBm										
-10 dBm—										
-20 dBm—	D1 -25.000	dBm								
-30 dBm	DI -23.000									
-40 dBm—							r	11		
and policieus, toba	a tony and the district of the	and the second straight of the	وليلمك ومعيدون ال	alle and the second	a karle publicher	ante-reaction to transferio	فأحدده وراوا أالالى مراده	in the second		
William Constant of the provided	a haya a sana a sa	ang	Been and a second s	aran an a	and a second		a na sa	, and the second		
-60 dBm—										
-70 dBm—										
Start 20.0	GHz	l	I	2000	1 pts	I	I	Stop	30.0 GHz	
					Mea	suring		4/4)7.12.2016 18:57:03	

Date: 7.DEC.2016 18:57:03



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

Date: 7.DEC.2016 18:15:03



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Spectrun	n]									
Ref Leve Att		dBm 5 dB		7.00 dB 👄 R 27 ms 👄 V	BW 1 MHz BW 3 MHz	Mode Au	ito Sweep			
😑 1Pk Max										
									39.68 dBm 01420 GHz	
10 dBm										
0 dBm——										
-10 dBm—										
-20 dBm—	D1 05		dD							
-30 dBm	D1 -25	.000								
-40 dBm					M1	aste hurte etde	AND			
والإفرار الطواريين ور		n.e."	and subscription	A Design of the second se	and the state of the		and the second second second second	and a second second	المقارر والمراجع	يتمحر ليلان الاصفاق
and the second										
-60 dBm—										
-70 dBm——										
Start 1.0 G	 GHz			<u> </u>	2000	1 pts			-	10.0 GHz
						Mea	suring		4/4)7.12.2016 18:47:42 //

Date: 7.DEC.2016 18:47:42



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Spectrun	n									
Ref Leve e Att	l 20.00 dBm 25 dB		7.00 dB 👄 R 30 ms 👄 V	BW 1 MHz BW 3 MHz	Mode Au	ito Sweep				
😑 1Pk Max										
					M1[1]			-44.11 dBm 19.814760 GHz		
10 dBm										
0 dBm										
-10 dBm——										
-20 dBm—	D1 -25.000	dBm								
-30 dBm										
-40 dBm——					հանու քերեր	un II. 16 Annua - 1984			MI	
and the state of the	and the second states a	death data bhaile	المعادل والمطلط الدامي أمرأه	المحمد والافاد وربال		and the second secon			and a state of the state	
-60 dBm	and the second			nereling, panger p			. Mali consultante e c	na Cato a na Abba a	and the second	
-70 dBm——										
Start 10.0	GHz	I	I	2000	1 pts	I	I	Stop	20.0 GHz	
					Mea	suring		4/4 (7.12.2016 18:54:18	

Date: 7.DEC.2016 18:54:19



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Spectrur	n]									
Ref Leve Att	20.00 dBm 25 dB		7.00 dB 👄 R 30 ms 👄 V	RBW 1 MHz VBW 3 MHz	Mode A	ito Sweep			<u> </u>	
o 1Pk Max	20 46		30 m3 🖕 🖡		moue At	ito aweep				
					М	1[1]	1	-44.56 dBm 20.169740 GHz		
10 dBm——										
0 dBm——										
-10 dBm—										
-20 dBm—	-D1 -25.000	dBm								
-30 dBm—										
<mark>⊚∯</mark> 0 dBm—						la alta di statu	ht ha	an an cut		
and the standard	متحديقة والعراب والعربية والع 19-10-19-19-19-19-19-19-19-19-19-19-19-19-19-	and a second	¹⁹ nd _{ing} and Arphael United Inc. The state of the second design.		n (la production de la constitución	Tables possibles and	alaya ya kata na kata kata na kata na Na kata na kata n		and the second second second	
-60 dBm										
-70 dBm—										
Start 20.0	GHz			2000	1 pts			Stop	30.0 GHz	
					Mea	suring		444	07.12.2016 18:58:00	

Date: 7.DEC.2016 18:58:00



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Spectrun	n)								
	1 20.00 dBm		7.00 dB 👄 R						
Att 1Pk Max	30 dE	SWT	1.1 ms 👄 V	'BW 300 KH	z Mode /	Auto FFT			
					M	1[1]			49.35 dBm
									3.5150 MHz
10 dBm									
0 dBm									
-10 dBm—									
-20 dBm—									
-30 dBm	D1 -25.000	dBm							
-40 dBm									
-50 dBm								1	M1
the states of the second	healdernaller	tenti hanna	وليرموق الشرقية أطعمونه	الاس في في السب	adding from the	بالإيرة أروطوا الأحساط	Hipport and	a hadreddyr hand	un plant in placed
-60 dBm	an a	իներին՝ ինչդերների	nda da kara ja sada sada sa k	nal in a la sui la s	the of the party of the first state of the first st	ar an fan brigen ar de fr	The space of second	a ^{dan} Hayana <mark>Myayana</mark> K	al (wada, -) pana
-70 dBm—									
Start 30.0	MHz			2000	1 pts				p 1.0 GHz
[Л				Mea	suring		4/4)7.12.2016 18:14:46 //

6.1.1.2.2 Test Channel = MCH

Date: 7.DEC.2016 18:14:47



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Spectrum	ı]									
Ref Level Att		dBm 5 dB		7.00 dB 👄 R 27 ms 👄 V	RBW 1 MHz VBW 3 MHz	Mode Au	ito Sweep			
😑 1Pk Max										
						М	1[1]	-38.19 dBm 5.061270 GHz		
10 dBm										
0 dBm——										
-10 dBm										
-20 dBm—	D1 -25.	000	dBm							
-30 dBm					M1					
-40 dBm			وروالي مراجع المراجع	and the second	line of a state of a state					
			and a second	an an an an an Anna an Anna an Anna an	, kon ng phaid Thile bila bila bi			al baga da bil di stagti pil di s natagan pri bil na paga statung	in a state of the second s Second second second Second second	
-60 dBm										
-70 dBm——										
Start 1.0 G	Hz				2000	1 pts	I		Stop	0 10.0 GHz
						Mea	suring		444	07.12.2016 18:47:08

Date: 7.DEC.2016 18:47:08



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Spectrun	n]								
Ref Leve e Att	l 20.00 dBm 25 dB		7.00 dB 👄 R 30 ms 👄 V	BW 1 MHz BW 3 MHz	Mode Au	ito Sweep			
😑 1Pk Max									
					М	1[1]	-44.24 dBm 19.951750 GHz		
10 dBm									
0 dBm									
-10 dBm—									
-20 dBm—	D1 -25.000	dBm							
-30 dBm									
-40 dBm		لىلى يىلىرى		un , dute, tilu	Marina da salatan da kata	like and the second	 dinan il ili banı	M.	
		ally a state		i dan pala da binana. Katu ya shi fi ka sa sa ka	the product of the second second	ning and the second	the feature street with the street state	Inc. of Million of	
-60 dBm									
-70 dBm——									
Start 10.0	GHz			2000	1 pts		 Stop	20.0 GHz	
					Mea	suring	444)7.12.2016 18:54:44	

Date: 7.DEC.2016 18:54:44



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Spectrun	n]									
Ref Level e Att	l 20.00 dBm 25 dB		7.00 dB 👄 R 30 ms 👄 V	BW 1 MHz BW 3 MHz	Mode Au	ito Sweep				
😑 1Pk Max										
					М	1[1]		-44.31 dBm 28.530820 GHz		
10 dBm										
0 dBm										
-10 dBm										
-20 dBm—	D1 -25.000	dBm								
-30 dBm										
-40 dBm								M1	. naklarte . Mint	
a faith and a share of the state of the	a manufacture and a second	dia minampi di super dale	بالالالاطريسية أتعاررهمه	القرار وماداتهم ويعر أدها	te da se de cara la desta desta desta desta de la seconda de la seconda de la seconda de la seconda de la secon		aldered and a state of the	al a de la companya d	and the second se	
a second and second	and a plant in the plant of the last of th	a na mana ang ang ang ang ang ang ang ang ang	المرجور يعالكي ريدي ^{ي الر} اري.		allitika senara se seri		a <mark>ben a</mark> n an an Bararan. A			
-60 dBm										
-70 dBm										
Start 20.0	GHz			2000	1 pts			Stop	30.0 GHz	
					Mea	suring		4/4	17.12.2016 18:57:43	

Date: 7.DEC.2016 18:57:44



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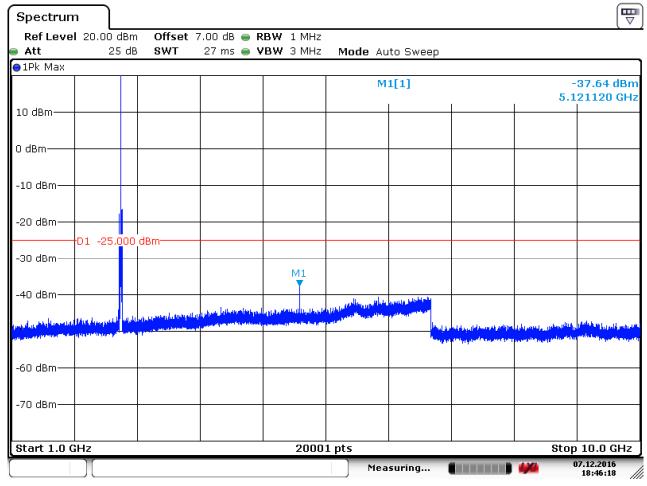
Spectrun	n)									
Ref Leve Att	l 20.00 dBm 30 dB		_	BW 100 kH /BW 300 kH					``````````````````````````````````````	
All 1Pk Max	30 UE	5 5 W I	1.1 ms 🔲 ¥	'BW 300 KH	z Mode i	Auto FFT				
					М	1[1]		-49.35 dBm 951.9150 MHz		
10 dBm								501		
0 dBm										
-10 dBm										
-20 dBm										
-30 dBm	-D1 -25.000	dBm								
-40 dBm										
-50 dBm	المراجع والمراجع والمراجع	an taki	Anna and a large state of the		le, é tracile analycealteres	المعاركة والمعادر	Harriban mile Lit.			
-60 dBm	N _{a bela} ng panahalini bahaji sahi	and the state of a	(hite colling coll with parts	teachtar a de la taonaiteach an Allac a de la taoinn de la d	the desit, it also the district	nsk elleteten groten bi	"Laspitatestreat"	n ⁿ hanskadseept _{ind}	endertedante ^{dan} n _{er} tanen	
-70 dBm——										
Start 30.0	MHz			2000	1 pts				p 1.0 GHz	
					Mea	suring		444)7.12.2016 18:14:25	

6.1.1.2.3 Test Channel = HCH

Date: 7.DEC.2016 18:14:26



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Date: 7.DEC.2016 18:46:18



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Spectrun	n]								(₩	
🖷 Att	l 20.00 dBm 25 dB		7.00 dB 👄 R 30 ms 👄 V	KBW 1 MHz VBW 3 MHz	Mode Au	ito Sweep			-	
😑 1Pk Max										
					М	1[1]		-43.98 dBm 19.833260 GHz		
10 dBm										
0 dBm										
-10 dBm—										
-20 dBm—	D1 -25.000	dBm								
-30 dBm	-23,000									
-40 dBm——									M1 Tu	
بسائع ومسالله المربي الرائل	فلغوالصل متأكلا بالمراس	المعنى باللالي إنده		والعرب فعدادين	الأمريلة بروسا اللحاق	and definition of the	المكلرة المراجع والمقور المحا	أحجره والماريط يعصفه	the state of the s	
and a start of the second s	and the second second	Laborator de ^{Carlo} nna _{en la} seriet		and the first state of the second state of the	and the second secon		t da _{bi} a bina ang dana ang dana ang dana ang sang sang sang sang sang sang sa	han ding dia katalan yang dia katala	paralina para se	
-60 dBm—										
-70 dBm—										
Start 10.0	GHz			2000	1 pts			Stop	20.0 GHz	
					Mea	suring		4/4	17.12.2016 18:55:06	

Date: 7.DEC.2016 18:55:07



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Spectrun	n]								
Ref Leve • Att	l 20.00 dBm 25 dB		7.00 dB 👄 R 30 ms 👄 V	RBW 1 MHz /BW 3 MHz	Mode Au	ito Sweep			
😑 1Pk Max									
					М	1[1]			44.41 dBm 01780 GHz
10 dBm									
0 dBm									
-10 dBm—									
-20 dBm—	D1 -25.000	dBm							
-30 dBm									
-40 dBm		aller og solder og s	Maria a radal deskuta		الفروي والمقارب والمتعا	a ditain patratalia an ang a	lar, ashtara ta shikara	م مرابع بر رابطین میں م	
	The second s	and the second	in a supplication of the s	i ser and a support of the	in engryphic in growth the state The constraint the state billing the	and a second		in the second	and the second s
-60 dBm		· ·							
-70 dBm—									
Start 20.0	GHz			2000	1 pts			-	30.0 GHz
					Mea	suring		4/4	17.12.2016 18:57:25

Date: 7.DEC.2016 18:57:25



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Spectrum											
Ref Level • Att	20.00 dBm 30 dB		_	BW 100 kH BW 300 kH		Auto FFT					
⊖1Pk Max											
					М	1[1]			-49.41 dBm 256.7020 MHz		
10 dBm											
0 dBm											
-10 dBm											
-20 dBm	D1 05 000	-lp									
-30 dBm	D1 -25.000	abm									
-40 dBm											
-50 dBm		M1 The burst	u sa dha n	an a failead tas eidd	atik switcher eitass		a a sub-sub-sub-sub-sub-sub-sub-sub-sub-sub-		est, and the		
				na sena a na sena provinsi provi Pri film na sena provinsi provinsi Pri film na sena provinsi provi				in the particular stress	initial sector		
-70 dBm											
Start 30.0 f	MHz			2000		suring			p 1.0 GHz		

6.1.1.3 Test Mode = LTE / TM1 15MHz RB1#0 6.1.1.3.1 Test Channel = LCH

Date: 7.DEC.2016 18:15:22



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Spectrum	ן י									
Ref Level • Att		dBm 5 dB		7.00 dB 👄 R 27 ms 👄 V	BW 1 MHz BW 3 MHz	Mode Au	ito Sweep			`
😑 1Pk Max										
						М	1[1]			·39.76 dBm 101870 GHz
10 dBm										
0 dBm										
-10 dBm—										
-20 dBm—										
-30 dBm	D1 -25.	.000	dBm							
-40 dBm					M1	والمتقاربين أور وللطاق ورور	and the later of the			
المعلي ويستعد القاريس	يتأقله أندأن	handle.	dan badan a		in a particular de la constante		and the line of th	lill an altain ann		alderer in the bookses
no score of statements	no disetto ant		an a					a na sha ya na shi ya ka	an a	
-60 dBm										
-70 dBm—										
Start 1.0 G	·U-7				2000	1 ntc			Stor	0 10.0 GHz
					2000					0 10.0 GHZ
						Mea	suring			18:48:14

Date: 7.DEC.2016 18:48:14



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Spectrun	n]								(₩
Ref Leve • Att	l 20.00 dBm 25 dB		7.00 dB 👄 R 30 ms 👄 V	KBW 1 MHz VBW 3 MHz	Mode Au	ito Sweep			
😑 1Pk Max									
					М	1[1]			44.42 dBm 48250 GHz
10 dBm									
0 dBm									
-10 dBm									
-20 dBm									
-30 dBm	-D1 -25.000	dBm							
-40 dBm									M
and the source	an and a state of a	ور المراجع الم المراجع المراجع	Internation Contractor	and the state of the	ⁿ Linde tester die gewenden Linde tester wegewenden			en de la la sere postal	la falling an <mark>les</mark> l
and the second sec	ana y a tata j	and and a second	and the second secon				a fort a star of the		
-60 dBm									
-70 dBm—									
Start 10.0	GHz			2000	1 pts			Stop	20.0 GHz
					Mea	suring		4/4	17.12.2016 18:53:21

Date: 7.DEC.2016 18:53:21



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Spectrun	n]								[₩
Ref Leve • Att	l 20.00 dBm 25 dB		7.00 dB 👄 F 30 ms 👄 V	RBW 1 MHz /BW 3 MHz	Mode Au	uto Sweep			
😑 1Pk Max									
					М	1[1]		-44.49 dBm 29.384280 GHz	
10 dBm									
0 dBm									
-10 dBm—									
-20 dBm—									
-30 dBm	D1 -25.000	dBm							
-40 dBm—									M1
all states and the set from	and the second	A alka iliyadaa	and the processing of the start of the	a his a shi a a sa	a _{na} londonat tälken	dimension and the	un daup de la contra	الله المراجع ا المراجع المراجع	a de la constante de la constan Constante de la constante de la c
Contraction and the second		La Beer and Star	an a				and the second		
-60 dBm									
-70 dBm—									
Start 20.0	GHz			2000	1 pts			Stop	30.0 GHz
][isuring		4/4)7.12.2016 18:58:21

Date: 7.DEC.2016 18:58:21



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Spectrun	n]								
Ref Leve Att	l 20.00 dBm 30 dB		7.00 dB 🥌 R 1.1 ms 💻 V	(BW 100 kH /BW 300 kH		Auto FFT			
●1Pk Max									
					М	1[1]	1		49.94 dBm).2960 MHz
10 dBm									
0 dBm									
-10 dBm—									
-20 dBm—									
-30 dBm	D1 -25.000	dBm							
-40 dBm									
-50 dBm	Nacional de la companya	liter and the second second	Herd Sile Jie and States		er og skiller for skiller skille	الدولة بالعاردا الحراقة	land, and a solution		M1
-60 dBm		entitete Alemanialei	aldation particuly unar	and the particular state of the	nen hanne kannen be	ar physical property in the		¹ Japakathorekhleb	alpetres _{of} these
-70 dBm—									
Start 30.0	MHz			2000	1 pts			Sta	p 1.0 GHz
						suring)7.12.2016 18:15:43

6.1.1.3.2 Test Channel = MCH

Date: 7.DEC.2016 18:15:44



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Spectrum	ı]									
Ref Level e Att		dBm 5 dB		7.00 dB 👄 F 27 ms 👄 V	RBW 1 MHz /BW 3 MHz	Mode Au	ito Sweep			
😑 1Pk Max										
						М	1[1]			39.05 dBm 56770 GHz
10 dBm										
0 dBm										
-10 dBm										
-20 dBm										
-30 dBm	D1 -25.0	000	dBm							
-40 dBm					M1	an a dama da da sera d	. de			
All the second	t all us are	Unite	and and a state of a st	a spiller di seceratione seconderes di seconderes de			apple and the second	l an air air air air an	developer, we let the	and the set of the
a de la constante de la constan La constante de la constante de	ana i sa no							a na sa	an a	, alifeiteite _{ite} ntiteenette
-60 dBm										
-70 dBm										
Start 1.0 G	Hz				2000	1 pts			Stop	10.0 GHz
						Mea	suring		4/4)7.12.2016 18:48:55

Date: 7.DEC.2016 18:48:55



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Spectrun	n]								[₩	
Ref Leve e Att	l 20.00 dBm 25 dB		7.00 dB 👄 R 30 ms 👄 V	BW 1 MHz BW 3 MHz	Mode Au	ito Sweep			-	
😑 1Pk Max										
					М	1[1]		-44.03 dBm 19.939750 GHz		
10 dBm										
0 dBm										
-10 dBm—										
-20 dBm—										
-30 dBm	D1 -25.000	dBm								
-40 dBm—										
Robert Hardware and	and the state	Land and the state	المريدين وترواللها ويرار	la sua patra da sint	and the state of the	Mary and Ary Bills	فالمعالية والمادي والع	المرابع المحملا والم	المحاد والاستان والم	
and the second secon	alater bir and a shift		Constant of the second second	(⁶ 1) avan ^{diri} na a a ^{rta}	illifeiten geboorte.	and the second state of th	terephilispessingetift	felen an triad de la _{la b} arden.	(day you did the support	
-60 dBm—										
-70 dBm—										
Start 10.0	CH2			2000	1 nts			Ston	20.0 GHz	
				2000					7.12.2016	
Ĺ					Mea	suring		1	18:53:44	

Date: 7.DEC.2016 18:53:44



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Spectrun	n]								
Ref Leve Att	l 20.00 dBm 25 dB		7.00 dB 👄 R	BW 1 MHz BW 3 MHz	NA - A - A -				`
Att 1Pk Max	25 GE	SWI	30 ms 🔲 Y	BW 3 MHZ	MODE AU	ito Sweep			
					М	1[1]			44.48 dBm 45780 GHz
10 dBm——									
0 dBm									
-10 dBm—									
-20 dBm—	D1 -25.000	dBm							
-30 dBm—									
-40 dBm									M1
"Out of the Australian	السافية والإلاراء	ماري والمأكث ومراجعة الم المرجع المكتب ومساقلته	a parti na fina parti da di	الاليور والمعلور الالا	المحمولة والالالة وا _{لمرا} مع محمولة وعن ومعاصر مرجع	la billion and biographic The second se	ing and a start of the start of	A Production of the second	Alexandra a series and a series of the serie
-60 dBm	- the first is the first								
-70 dBm—									
, o abii									
Start 20.0	GHz			2000	1 pts			-	30.0 GHz
					Mea	suring		4/4	07.12.2016 18:58:45

Date: 7.DEC.2016 18:58:46



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Spectrum	ı)								
Ref Level	l 20.00 dBm		7.00 dB 😑 R	RBW 100 kH	z				`
e Att	30 dE	SWT	1.1 ms 😑 🛛	/BW 300 kH	z Mode	Auto FFT			
⊖1Pk Max		1	1	1					
									50.36 dBm 3.5150 MHz
10 dBm								500	1.0100 MI12
0 dBm									
-10 dBm									
-20 dBm—									
-30 dBm	D1 -25.000	dBm							
-40 dBm									
-50 dBm				alah a pang ali dana nanan		and a start	and an all	المرابل والمراجع	M1
-60 dBm				nan an					
-70 dBm—									
Start 30.0	MHz			2000	1 pts			Sto	p 1.0 GHz
	Y					suring)7.12.2016 18:16:08

6.1.1.3.3 Test Channel = HCH

Date: 7.DEC.2016 18:16:08



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Spectrun	n									
Ref Leve					RBW 1 MH					
Att 1Pk Max	23	5 dB	SWT	27 ms 🖷	УВЖ З МН	z Mode Al	uto Sweep			
UPK Max						N	11[1]			38.27 dBm
										11670 GHz
10 dBm										
0 dBm										
-10 dBm—										
-20 dBm—										
	D1 -25.	00	dBm							
-30 dBm										
-40 dBm					M1					
	ي والدولار	-July-	ationalisment						an salahan sa salah meliku	Letterities (c
and dependency and do	a na		and an and the second second					Production of the second second		and the second second second
-60 dBm		_								
-70 dBm										
Start 1.0 (GHz				200	01 pts			-	10.0 GHz
						Mea	asuring		4/4	07.12.2016 18:49:31

Date: 7.DEC.2016 18:49:31



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Spectrun	n]								(₩
Ref Leve • Att	l 20.00 dBm 25 dB		7.00 dB 👄 R 30 ms 👄 V	KBW 1 MHz VBW 3 MHz	Mode Au	ito Sweep			
😑 1Pk Max									
					М	1[1]			44.42 dBm 48250 GHz
10 dBm									
0 dBm									
-10 dBm									
-20 dBm									
-30 dBm	-D1 -25.000	dBm							
-40 dBm									M
and the source	an and a state of a	ور المراجع الم المراجع المراجع	Internation Contractor	and the state of the	ⁿ Line Line (in the second s			en de la file de la constitui	la falling an <mark>les</mark> l
and the second sec	ana y a tata	and and a second	and the second secon				a fort a star of the		
-60 dBm									
-70 dBm—									
Start 10.0	GHz			2000	1 pts			Stop	20.0 GHz
					Mea	suring		4/4	17.12.2016 18:53:21

Date: 7.DEC.2016 18:53:21



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Spectrun	n)								
Ref Leve Att	el 20.00 dBm 25 dB		_	BW 1 MHz BW 3 MHz	Mode Au	ito Sweep			`
⊖1Pk Max									
					М	1[1]	I		44.57 dBm 34800 GHz
10 dBm——									
0 dBm——									
-10 dBm—									
-20 dBm—	D1 -25.000	dBm							
-30 dBm—									
-40 dBm—								M	
-56 6 m	and the street of the second	ومعارضة فأحطرا والأفيا	"nel dan kanalara dan ba	and a state of the	al a la factoria de la factoria de la factoria de la compañía de la compañía de la compañía de la compañía de l Compañía de la compañía	in an		antiger in the plat	and the Black states of
	Territory and a line of the first data in the second second second second second second second second second s	a sur an a sur	in ter _{ang b} i bindina yani da kun						
-60 dBm—									
-70 dBm—									
Start 20.0	GHz			2000	1 pts			Stop	30.0 GHz
					Mea	suring		4/4)7.12.2016 18:59:14

Date: 7.DEC.2016 18:59:14



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6.1.1.4.1 Test Channel = LCH ₩ Spectrum Ref Level 20.00 dBm Offset 7.00 dB 👄 RBW 100 kHz Att 30 dB SWT 1.1 ms 👄 **VBW** 300 kHz Mode Auto FFT ∋1Pk Max M1[1] -49.23 dBm 951.5750 MHz 10 dBm-0 dBm--10 dBm--20 dBm-D1 -25.000 dBm⁻ -30 dBm 40 dBm-M1 -50 dBm الما راقة la sul li of the later -60 dBm--70 dBm Start 30.0 MHz 20001 pts Stop 1.0 GHz 07.12.2016 Measuring... -----18:17:21

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

Date: 7.DEC.2016 18:17:21



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Spectrun	n]									[₩
Ref Leve • Att		dBm 5 dB		7.00 dB 👄 F 27 ms 👄 V	RBW 1 MHz /BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max										
						М	1[1]			39.15 dBm 02320 GHz
10 dBm										
0 dBm										
-10 dBm—										
-20 dBm—										
-30 dBm	-D1 -25	.000	dBm							
-40 dBm—					M1	and the first state of the	a sector of a sector of the			
والالاليكيد وكالبراني	ار اولولي المعادي	1 ₁ 2 ₁ 1		ور العال المحادل في والعال من والمحدث المحادث ومحيد معري			and the second se	و بالاستان المعالية.	ملتأ يعالقه اعرب الطفر وأرام	and the second state
yhuighen minegailithe								and the state of the second	ne provide de la plan de accordance	
-60 dBm—										
-70 dBm—										
Start 1.0 (GHz				2000	1 pts			-	10.0 GHz
						Mea	suring		4/4)7.12.2016 18:51:15

Date: 7.DEC.2016 18:51:16



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Spectrun	n							
Ref Leve e Att	l 20.00 dBm 25 dB		7.00 dB 👄 R 30 ms 👄 V	BW 1 MHz BW 3 MHz	Mode Au	ito Sweep		
😑 1Pk Max								
					М	1[1]		43.73 dBm 39760 GHz
10 dBm								
0 dBm								
-10 dBm—								
-20 dBm—	D1 -25.000	dBm						
-30 dBm								
-40 dBm			a la contrata da contrata d	الملار ووارالار	hile and still a still data and a	ul. I strand and	 laditati e setete la citat	M1
	and the second			in the second	وكاري والتركيم كالمعادة	مى بەر بەر مەر بەر بەر بەر بەر بەر بەر بەر بەر بەر ب	an a	And And And And And
-60 dBm—								
-70 dBm								
Start 10.0	GHz			2000	1 pts		-	20.0 GHz
					Mea	suring	4/4)7.12.2016 18:51:46

Date: 7.DEC.2016 18:51:47



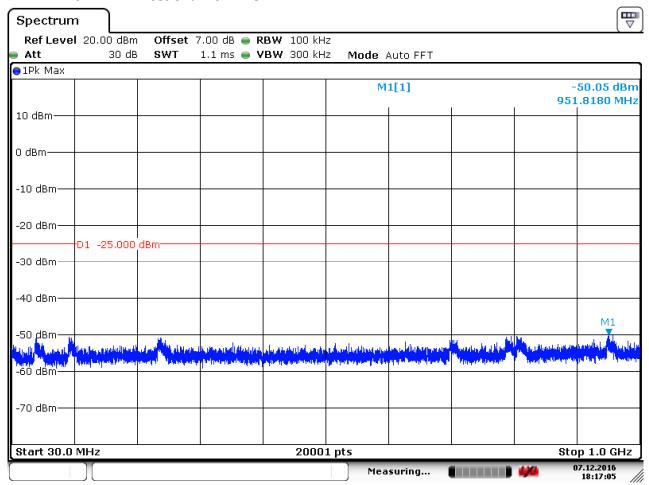
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Spectrun	n]								[₩
🔵 Att	l 20.00 dBm 25 dB		7.00 dB 👄 R 30 ms 👄 V	KBW 1 MHz VBW 3 MHz	Mode Au	ito Sweep			-
😑 1Pk Max									
					М	1[1]			44.69 dBm 59250 GHz
10 dBm									
0 dBm									
-10 dBm—									
-20 dBm—									
-30 dBm	D1 -25.000	dBm							
11 ⁴⁰ dBm									
Telling and a grant	a superior and the second believed by the second	all		متعدي فتعد أربعته	Landen and A	ومروا والطريبي الألي	ومردادة والالاردادية	anders die Maria princh	والمعالم والمطعولي
""Oley laws and the		Ministric Constants	a an				a second se		
-60 dBm—									
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Start 20.0	GHz			2000	1 nts			Ston	30.0 GHz
	Υ			2000		suring		-	7.12.2016
(suring			19:00:31

Date: 7.DEC.2016 19:00:31



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6.1.1.4.2 Test Channel = MCH

Date: 7.DEC.2016 18:17:05



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Spectrum	ı]									
Ref Level Att		dBm 5 dB		7.00 dB 🖷 F 27 ms 🖷 V	RBW 1 MHz /BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max										•
						М	1[1]	I		38.27 dBm 52270 GHz
10 dBm										
0 dBm										
-10 dBm——										
-20 dBm	D1 -25.		dBm							
-30 dBm					M1					
-40 dBm						مرادر ور <mark>ادانسال</mark> ان رادا				
فيتقاط وتبترين والم	uniona anti-		امیا است. مراجع اور الاردار الاردار ا	a harden er frei her	a papita seria para papang India tahun dari karata dari da	and an an an and the second second	- Hereit	أساقه وأطاول ومال		ىلىدان برزارى ، باغالكان
State of the Design of the State of the Stat	ns, pápiliánana		, jaa jakej						and a second state of the	
-60 dBm										
-70 dBm——										
Start 1.0 G	Hz				2000	1 pts	I	ı	Stop	10.0 GHz
						Mea	suring		4/4)7.12.2016 18:50:45

Date: 7.DEC.2016 18:50:45



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Spectrun	n]								
Ref Leve Att	l 20.00 dBm 25 dB		_	BW 1 MHz BW 3 MHz	Mode A	ito Sweep			
o 1Pk Max	20 00		30 ms 🚽 🕇	DR 5 MIZ	MOUE AU	ito aweep			
					М	1[1]	1		43.96 dBm 51250 GHz
10 dBm									
0 dBm									
-10 dBm—									
-20 dBm—	D1 -25.000	dBm							
-30 dBm	23.000								
-40 dBm—									M.
and a fillent of the	and the states	العالي وماللهما مراد	المعلان وحالدا مريك		ارا هم مادهان روی اسانه ا مرد روی مشترین مشتر مست		hit, Lattin Ly and at the	الشروري المحمد ويروزوا الم المحمد المحمد المروز والمروز الم	
-60 dBm	and the second		a faile and in a second second second			an lide	nana naharini s		and the second sec
-70 dBm—									
Start 10.0	GHz	I	I	2000	1 pts		I	Stop	20.0 GHz
					Mea	suring		W	17.12.2016 18:52:16

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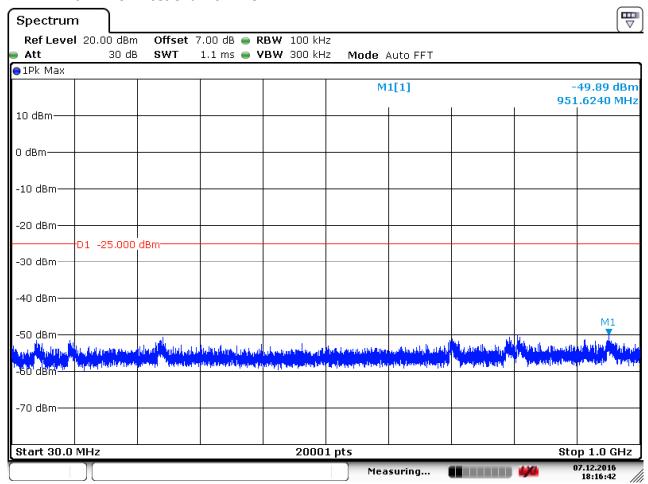
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Spectrum	i] _								[₩
Ref Level Att	20.00 dBm 25 dB		7.00 dB 👄 R 30 ms 👄 V	BW 1 MHz BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max						····-F			
					М	1[1]			44.29 dBm 14250 GHz
10 dBm									
0 dBm									
-10 dBm									
-20 dBm									
-30 dBm	D1 -25.000	dBm							
1 ⁴⁰ dBm									
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-60 dBm									
-70 dBm									
Start 20.0	GHz			2000	1 pts			Ston	30.0 GHz
[)[suring		-	17.12.2016 19:00:09

Date: 7.DEC.2016 19:00:10



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6.1.1.4.3 Test Channel = HCH

Date: 7.DEC.2016 18:16:43



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Spectrun	n]									
Ref Leve Att		dBm 5 dB		7.00 dB 👄 1 27 ms 👄 1	RBW 1 MHz VBW 3 MHz	Mode Au	ito Sweep			
😑 1Pk Max										
						М	1[1]	1		37.72 dBm 02220 GHz
10 dBm										
0 dBm										
-10 dBm—										
-20 dBm—	D1 -25,	000	dBm							
-30 dBm					M1					
-40 dBm—			ور انتظار من و	and the second state of th		Long de la ches de la ches	n fan heferen fer			
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-60 dBm							, ₁ , , , , , , , , , , , , , , , , , , ,		and and any state of the	an caller before for
-70 dBm										
Start 1.0 C	GHz				2000:	1 pts			-	10.0 GHz
						Mea	suring		4/4)7.12.2016 18:50:09

Date: 7.DEC.2016 18:50:09



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Spectrun	n]								(₩
🖷 Att	l 20.00 dBm 25 dB		7.00 dB 👄 R 30 ms 👄 V	KBW 1 MHz VBW 3 MHz	Mode Au	ito Sweep			-
😑 1Pk Max									
					М	1[1]			43.57 dBm 25760 GHz
10 dBm									
0 dBm									
-10 dBm									
-20 dBm									
-30 dBm	-D1 -25.000	dBm							
-40 dBm									M1
dina and the second	A Burling of the state	a surficient of the second state	L. L. pool and the strength of the	Langer and the second		reason Media date	ing the stands have been been	and hadren and	the deside and
and Definition of Alice 11		na ann an Airtean a' Ai							the off
-60 dBm									
-70 dBm									
Start 10.0	GHz			2000	1 pts			Stop	20.0 GHz
					📄 Mea	suring		• //	07.12.2016 18:52:39

Date: 7.DEC.2016 18:52:39



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Spectrun	n]								(₩
Ref Leve • Att	l 20.00 dBm 25 dE		7.00 dB 👄 F 30 ms 👄 V	RBW 1 MHz /BW 3 MHz	Mode Au	ito Sweep			
⊖1Pk Max									
					М	1[1]			44.61 dBm 87360 GHz
10 dBm									
0 dBm									
-10 dBm—									
-20 dBm—									
-30 dBm—	D1 -25.000	dBm							
-40 dBm							мі		
Hila Mahalan	المركد وواريس والمرا	الماري والعامين المالا	والعالية والمغاطية والمعا	والمرجع والمحالين وراجعا	المرويلة المروية المراجع	International Joint	والمراجع ومقالياته	and any other than the second	and a state of the
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-60 dBm—									
-70 dBm—									
Start 20.0	GHz			2000	1 nts			Ston	30.0 GHz
				2000		curing (-	7.12.2016
Ĺ					rea	suring			18:59:45 //

Date: 7.DEC.2016 18:59:46



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7 Field Strength of Spurious Radiation

7.1 For LTE

7.1.1 Test Band = LTE band7

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

7.1.1.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1265.000	-66.38	-25.00	41.38	Vertical
2608.000	-58.07	-25.00	33.07	Vertical
6412.500	-66.82	-25.00	41.82	Vertical
1199.000	-67.08	-25.00	42.08	Horizontal
3487.500	-69.85	-25.00	44.85	Horizontal
4267.500	-67.67	-25.00	42.67	Horizontal

7.1.1.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1617.000	-65.70	-25.00	40.7 0	Vertical
1991.000	-61.61	-25.00	36.6 1	Vertical
6120.000	-66.25	-25.00	41.25	Vertical
1463.000	-66.26	-25.00	41.26	Horizontal
1782.000	-63.77	-25.00	38.77	Horizontal
2384.000	-59.04	-25.00	34.04	Horizontal

7.1.1.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1694.000	-64.53	-25.00	39.53	Vertical
6900.000	-65.80	-25.00	40.80	Vertical
9045.000	-64.79	-25.00	39.79	Vertical
1529.000	-66.13	-25.00	41.13	Horizontal
3292.500	-69.70	-25.00	44.70	Horizontal
4170.000	-67.98	-25.00	42.98	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
	LTE/TM1 20MHz	LCH	TN	VL	-3.32	-0.00132	PASS
				VN	1.86	0.00074	PASS
				VH	-5.33	-0.00212	PASS
		МСН	TN	VL	-3.48	-0.00137	PASS
				VN	-1.04	-0.00041	PASS
				VH	2.62	0.00103	PASS
			TN	VL	-6.22	-0.00243	PASS
LTE band 7		НСН		VN	-3.67	-0.00143	PASS
				VH	-0.54	-0.00021	PASS
		LCH	TN	VL	-4.77	-0.00190	PASS
				VN	-2.85	-0.00114	PASS
				VH	-4.69	-0.00187	PASS
				VL	-1.48	-0.00058	PASS
	LTE/TM2 20MHz	MCH	TN	VN	-2.87	-0.00113	PASS
				VH	-5.59	-0.00221	PASS
		НСН	TN	VL	-3.08	-0.00120	PASS
				VN	-5.31	-0.00207	PASS
				VH	0.65	0.00025	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
		LCH	VN	-30	-2.51	-0.00100	PASS
				-20	-3.89	-0.00155	PASS
				-10	2.34	0.00093	PASS
				0	-3.75	-0.00149	PASS
				10	1.65	0.00066	PASS
				20	1.11	0.00044	PASS
				30	-4.52	-0.00180	PASS
				40	-5.14	-0.00205	PASS
				50	-4.89	-0.00195	PASS
	LTE/TM1 20MHz	МСН	VN	-30	-7.80	-0.00308	PASS
				-20	-5.35	-0.00211	PASS
				-10	-3.12	-0.00123	PASS
				0	-4.33	-0.00171	PASS
LTEband7				10	-2.04	-0.00080	PASS
				20	-1.05	-0.00041	PASS
				30	-2.36	-0.00093	PASS
				40	-2.44	-0.00096	PASS
				50	-6.08	-0.00240	PASS
		НСН	VN	-30	2.54	0.00099	PASS
				-20	-1.49	-0.00058	PASS
				-10	3.53	0.00138	PASS
				0	-2.36	-0.00092	PASS
				10	2.89	0.00113	PASS
				20	-1.47	-0.00057	PASS
				30	-2.68	-0.00105	PASS
				40	-5.23	-0.00204	PASS
				50	-5.96	-0.00233	PASS



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	Page:				135 01 135		
Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
		LCH	VN	-30	-1.54	-0.00061	PASS
				-20	-2.25	-0.00090	PASS
				-10	3.66	0.00146	PASS
				0	-2.38	-0.00095	PASS
				10	1.67	0.00067	PASS
				20	-0.28	-0.00011	PASS
				30	-3.44	-0.00137	PASS
				40	2.34	0.00093	PASS
				50	-3.99	-0.00159	PASS
	LTE/TM2 20MHz	МСН	VN	-30	-3.87	-0.00153	PASS
				-20	-2.98	-0.00118	PASS
				-10	-7.23	-0.00285	PASS
				0	-3.32	-0.00131	PASS
LTE band7				10	-2.34	-0.00092	PASS
				20	1.98	0.00078	PASS
				30	-3.45	-0.00136	PASS
				40	-4.52	-0.00178	PASS
				50	-5.46	-0.00215	PASS
		НСН	VN	-30	3.64	0.00142	PASS
				-20	-2.78	-0.00109	PASS
				-10	1.66	0.00065	PASS
				0	-3.23	-0.00126	PASS
				10	-2.78	-0.00109	PASS
				20	2.43	0.00095	PASS
				30	-2.87	-0.00112	PASS
				40	-3.83	-0.00150	PASS
				50	-6.43	-0.00251	PASS

The End