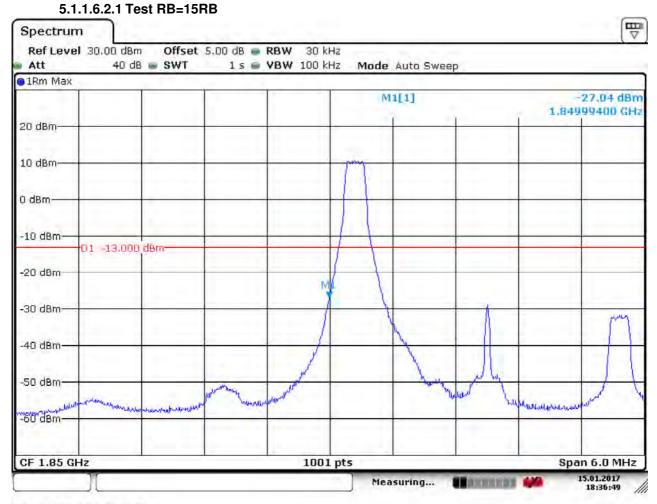


Report No.: SZEM170100023101 Page: 126 of 235

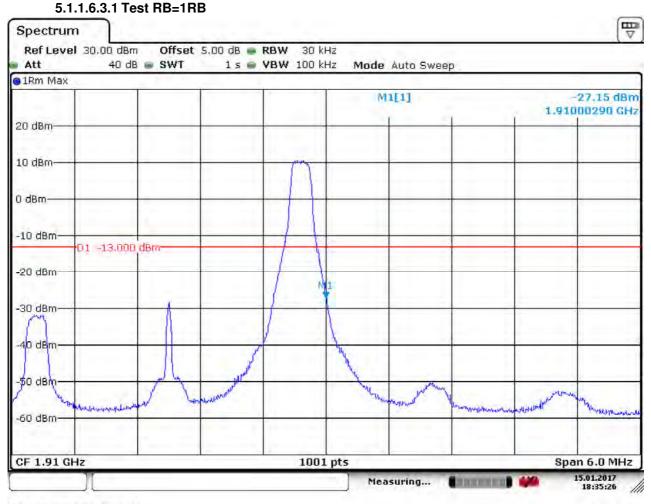


Date: 15.JAN.2017 18:36:49



Report No.: SZEM170100023101 Page: 127 of 235

5.1.1.6.3 Test Channel = HCH



Date: 15.JAN.2017 18:35:27



5.1.1.6.3.2 Test BB=15BB

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

Report No.: SZEM170100023101 Page: 128 of 235

Spectrum									
Ref Level Att		Offset	5.00 dB 🖷 1 s 📾	RBW 30 k VBW 100 k		Auto Swe	ер		
●1Rm Max									
- 1					M	1[1]	ä		-33.21 dBm 000290 GHz
20 dBm				11 1					
10 dBm			1.0						
0 dBm	and the second	mun	himmen	warmy			-		
-10 dBm	01 -13.000	dBm						-	
-20 dBm									
-30 dBm				4	1				-
-40 dBm		-			Contention				-
-50 dBm	-				ar and an	and a second	athermonic	horenen	Heren Heren and the second
-60 dBm									
CF 1.91 GH	z			1001	pts			Spa	an 6.0 MHz
	Л				Mea	suring	-	-	15.01.2017 18:34:27

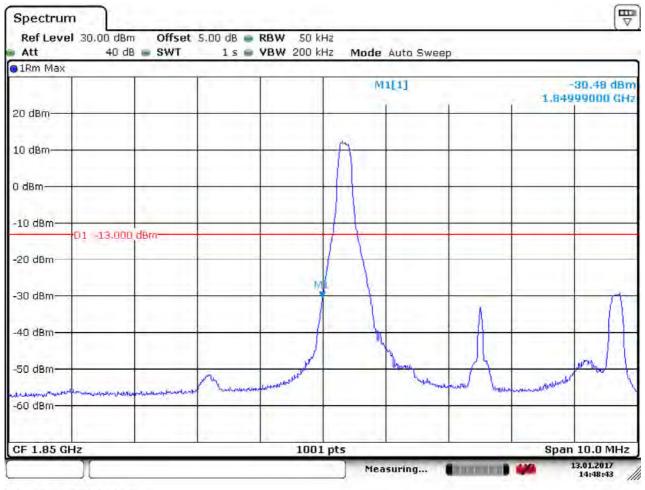
Date: 15 JAN 2017 18:34:28



Report No.: SZEM170100023101 Page: 129 of 235

5.1.1.7 Test Mode = LTE/TM1 5MHz 5.1.1.7.1 Test Channel = LCH

5.1.1.7.1.1 Test RB=1RB



Date: 13.JAN.2017 14:48:43



Report No.: SZEM170100023101 Page: 130 of 235

Spectrun	n								
Ref Leve Att	1 30.00 dBm 40 dB		5.00 dB 🖷 1 s 📾	RBW 50 ki VBW 200 ki		Mode Auto S	weep		
1Rm Max			_						
						M1[1]		1.6	-36.88 dBm 14999000 GHz
20 dBm				11 11	1				
10 dBm					-				
0 dBm		-	-		~	minina	manne	man	any
-10 dBm	D1 -13.000	dBm							
-20 dBm	01 -13.008								
-30 dBm			-	M	[-	
-40 dBm								-	
-50 dBm	an municipation	innor	winter mark		-				
-60 dBm									
CF 1.85 G	Hz		1	1001	pts			Sp	an 10.0 MHz
	Л					Measuring.		-	13.01.2017 14:50:34

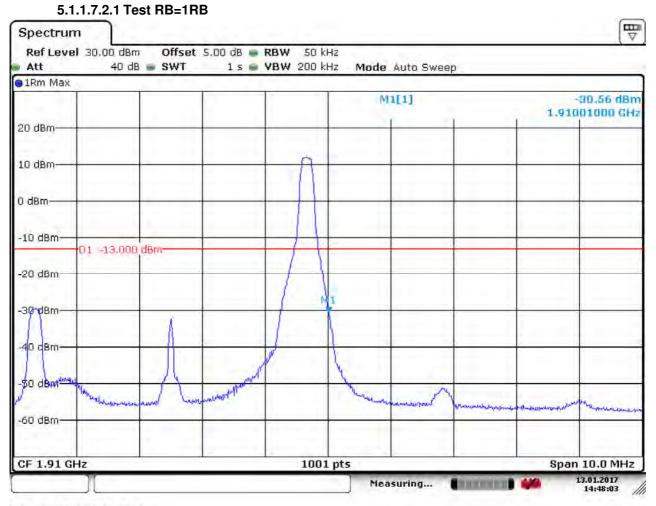
5.1.1.7.1.2 Test RB=25RB

Date: 13. JAN. 2017 14:50:35



Report No.: SZEM170100023101 Page: 131 of 235

5.1.1.7.2 Test Channel = HCH



Date: 13.JAN.2017 14:48:04



5 1 1 7 2 2 Test BB-25BB

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

Report No.: SZEM170100023101 Page: 132 of 235

Spectrum Ref Level Att	30.00 dBm		5.00 dB 🖷 1 s 🖷	RBW 50 kH		A			
1Rm Max	40 UB		15 .	YOW 200 KP	12 191008	Auto Swe	ер		
					M	1[1]	a		96.52 dBm 01000 GHz
20 dBm		-							
10 dBm					_				
0 dBm	a commence	mummunde	للماستر معرفة معرفة معرفة ومعرفة ومراحة	manufacti			-		
-10 dBm	01 -13.000	dBm			-				
-20 dBm			-						
30 dBm					1	-			
-40 dBm		-			Long				
-50 dBm					- Contenting March	ane Montenia	Margani daga sharkar and		home
-60 dBm									
CF 1.91 GH	z	-	2	1001	pts	-		Span	10.0 MHz
	Л				Mea	suring	Concentration (44	13.01.2017 14:45:42

Date: 13.JAN.2017 14:45:43



Report No.: SZEM170100023101 Page: 133 of 235

5.1.1.8 Test Mode = LTE/TM2 5MHz

5.1.1.8.1 Test Channel = LCH 5.1.1.8.1.1 Test RB=1RB ₽ Spectrum Ref Level 30.00 dBm Offset 5.00 dB 🗰 RBW 50 kHz Att 40 dB 🖝 SWT 1 s 📾 VBW 200 kHz Mode Auto Sweep 01Rm Max M1[1] -30.70 dBm 1.84999000 GHz 20 dBm-10 dBm 0 dBm -10 dBm-01 -13.000 dBm--20 dBm -30 dBm -40 dBm--50 dBm--60 dBm-CF 1.85 GHz 1001 pts Span 10.0 MHz 13.01.2017 Measuring... the participant for the line 11 14:49:24

Date: 13 JAN 2017 14:49:25



5.1.1.8.1.2 Test RB=25RB

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

Report No.: SZEM170100023101 Page: 134 of 235

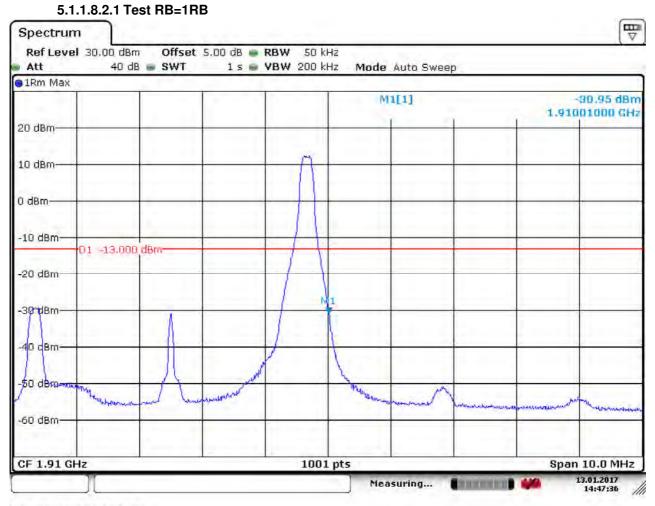
Spectrur	n								
Ref Leve Att	el 30.00 dBm 40 dB	Offset	t 5.00 dB 🖷 1 s 🖷	RBW 50 k VBW 200 k		Node Auto Sw	reep		,
1Rm Max									
						M1[1]		1.84	-36.49 dBm 999000 GHz
20 dBm									
10 dBm					_				
0 dBm		-			~	minum		mennin	many
-10 dBm—	-01 -13.000	dBm							
-20 dBm	01 13.000		-		1		-		
-30 dBm—	-			M	/		_		
-40 dBm—				monal			-	-	
,-50.480 . -	die van wient	man	an chan marine an an						
-60 dBm—									
CF 1.85 G	Hz		-	1001	. pts			Spa	n 10.0 MHz
	I				-]	Measuring	Concentral Party	44	13.01.2017 14:50:01

Date: 13.JAN.2017 14:50:02



Report No.: SZEM170100023101 Page: 135 of 235

5.1.1.8.2 Test Channel = HCH



Date: 13.JAN.2017 14:47:36



Report No.: SZEM170100023101 Page: 136 of 235

Spectrum Ref Level Att	30.00 dBn	n Offset B 🗑 SWT	: 5.00 dB 🖷 1 s 📾	RBW 50 kHz VBW 200 kHz	Andre Autor			
1Rm Max	40 00	5 9 5 10 1	15	YOW 200 KHZ	Mode Auto 9	sweep		
					M1[1]			-37.24 dBm 101000 GHz
20 dBm		1						
10 dBm			1 0					
O deminin	w. warman wards		monora	monory			-	
-10 dBm	01 -13.000	dBm						
-20 dBm								
-30 dBm	_			A I				
-40 dBm	-	-		L.				
-50 dBm					and a second particular	provedent pralies.	mysentheman	
-60 dBm		-						
CF 1.91 GH	z			1001 pt	5		Spar	10.0 MHz
	Л				Measuring			13.01.2017 14:46:14

5.1.1.8.2.2 Test RB=25RB

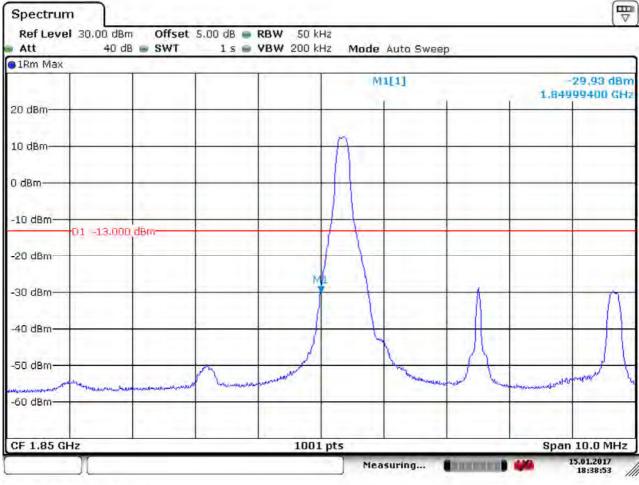
Date: 13.JAN.2017 14:46:14



Report No.: SZEM170100023101 Page: 137 of 235

5.1.1.9 Test Mode = LTE/TM3 5MHz 5.1.1.9.1 Test Channel = LCH

5.1.1.9.1.1 Test RB=1RB



Date: 15.JAN.2017 18:38:53



Report No.: SZEM170100023101 Page: 138 of 235

Spectru	m								
Ref Levi	el 30.00 dBm 40 dB	Offset	5.00 dB 🖷 1 s 📾	RBW 50 k VBW 200 k		1ode Auto Sw	еер		
●1Rm Max									
						M1[1]			-37.36 dBm 999400 GHz
20 dBm				11 1			1		
10 dBm									
0 dBm					m	anter anter anter	an well a source of the source	Nonnershell	many
-10 dBm—	-D1 -13.000	dBm	1					-	
-20 dBm	01 -13.000	dom							
-30 dBm—	-		-	N	ſ				+ - 1
-40 dBm—				1					
-50.d8m	and allowed programmed provi	and the second second	and and the second second second		-				
-60 dBm—				· · · · · · · · ·					
CF 1.85 G	Hz		-	1001	. pts			Spar	n 10.0 MHz
	T				-]	Measuring		-	15.01.2017 18:38:09

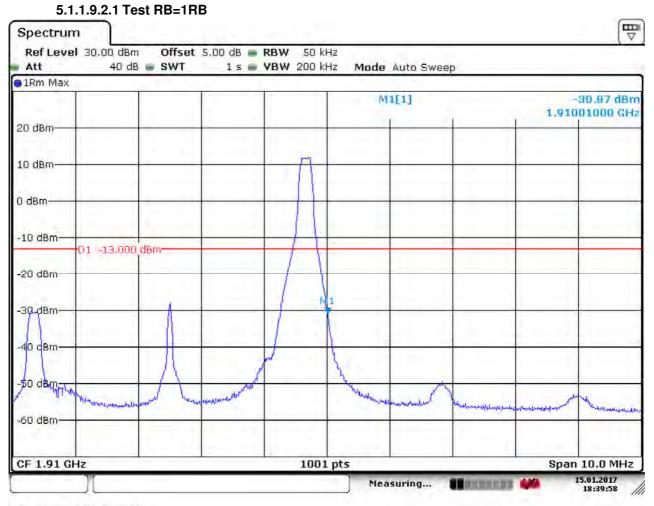
5.1.1.9.1.2 Test RB=25RB

Date: 15.JAN.2017 18:38:10



Report No.: SZEM170100023101 Page: 139 of 235

5.1.1.9.2 Test Channel = HCH



Date: 15.JAN.2017 18:39:58



Report No.: SZEM170100023101 Page: 140 of 235

Att	1 30.00 dBm 40 dB	SWT	5.00 dB 🖷 1 s 📾	RBW 50 ki VBW 200 ki		Auto Swee	p			
31Rm Max			1			111			-36.91 d8m	
- T.			1.1		IN IN	1[1]			1.91001000 GHz	
20 dBm						-	+		1	
1.57					_					
10 dBm	1					-		-		
			1	1						
0 dBm	armal procession	contraction of	and make many	harming						
-10 dBm-		-	a. 1 1	I		-	1.1			
-10 dbm	01 -13.000	dBm	-				-		1.	
-20 dBm	_									
-30 dBm		-		1	-		1	-		
				M	1		1.1	· · · · ·		
-40 dBm						-	1			
Sec. 1		1	1	1	have been been been been been been been be	in manufactures in	domenonation	Munhalamana		
-50 dBm		1		1		1			Marry - when they are	
-60 dBm			1	4						
SS GDIII										
CF 1.91 GH			-	1001				0.0.00	10.0 MHz	

5.1.1.9.2.2 Test RB=25RB

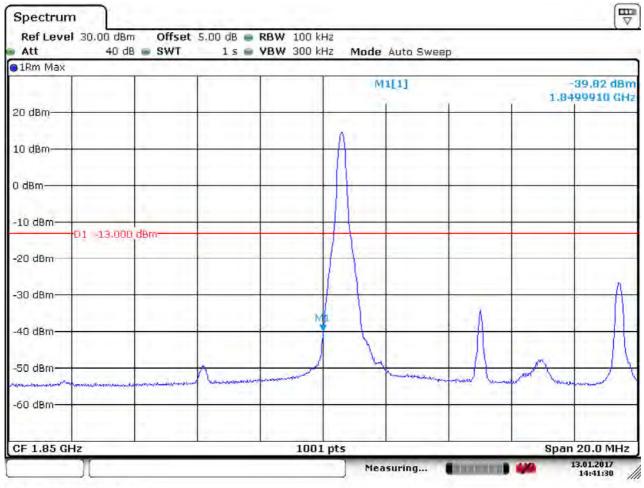
Date: 15 JAN 2017 18:40:20



Report No.: SZEM170100023101 Page: 141 of 235

5.1.1.10 Test Mode = LTE/TM1 10MHz 5.1.1.10.1 Test Channel = LCH

5.1.1.10.1.1 Test RB=1RB



Date: 13.JAN.2017 14:41:30



Report No.: SZEM170100023101 Page: 142 of 235

Spectrur	n								
e Att	1 30.00 dBm 40 dB	Offset	5.00 dB 🖷 1 s 📾	RBW 100 ki VBW 300 ki		Aode Auto Swa	эер		
●1Rm Max	2		_						
1.						M1[1]			-40.39 dBm 499910 GHz
20 dBm		5			1				
10 dBm				1					
0 dBm		-			m	kominen	mana		ming
-10 dBm	01 -13.000	dies		<u> </u>					
-20 dBm	-01 -13.000	uBin-							
-30 dBm					1				
-40 dBm				M	-		-		
-50 dBm	and the second sec	theman and a		manuel	-				
-60 dBm									
CF 1.85 G	Hz		-	1001	pts			Spar	20.0 MHz
	I					Measuring	(hannet make		13.01.2017 14:39:52

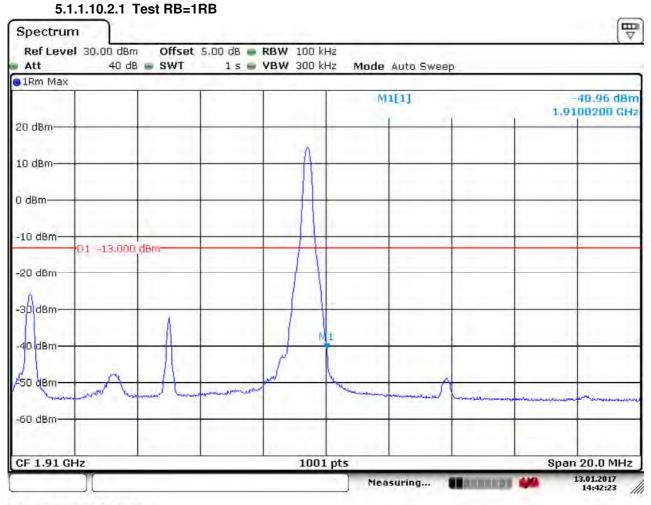
5.1.1.10.1.2 Test RB=50RB

Date: 13. JAN. 2017 14:39:53



Report No.: SZEM170100023101 Page: 143 of 235

5.1.1.10.2 Test Channel = HCH



Date: 13.JAN.2017 14:42:24



Report No.: SZEM170100023101 Page: 144 of 235

Spectrur	n								
Ref Leve Att	l 30.00 dBm 40 dB	Offset	5.00 dB 🖷 1 s 📾	RBW 100 k VBW 300 k		Auto Swa	эер		
1Rm Max									
			1		M	1[1]			-42.05 dBm 100200 GHz
20 dBm								-	
10 dBm						-			
0 dBm	m	man	minin	moning			-		
-10 dBm—	01 -13.000	dBm							
-20 dBm									
-30 dBm—							-		
-40 dBm				A	1		-		
-50 dBm					man	- here -	-	t vir af ballen in series and	and formation
-60 dBm									
CF 1.91 G	Hz		-	1001	L pts			Spar	n 20.0 MHz
	π				Mea	suring	A REPORTED BY	-	13.01.2017 14:44:37

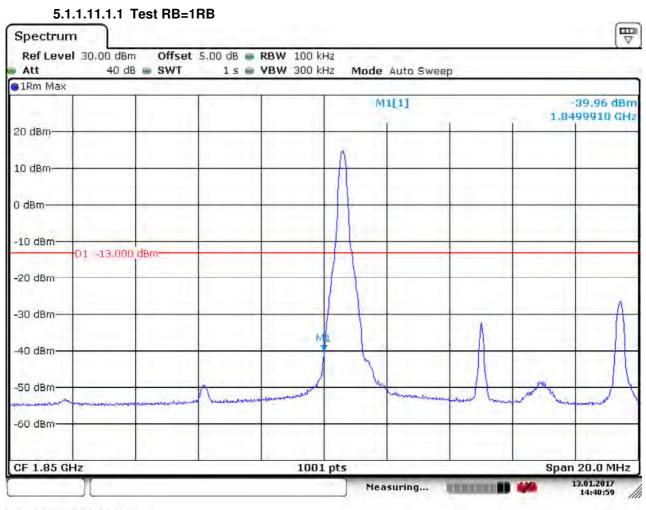
5.1.1.10.2.2 Test RB=50RB

Date: 13.JAN.2017 14:44:38



Report No.: SZEM170100023101 Page: 145 of 235

5.1.1.11 Test Mode = LTE/TM2 10MHz 5.1.1.11.1 Test Channel = LCH



Date: 13.JAN.2017 14:41:00



Report No.: SZEM170100023101 Page: 146 of 235

Spectrur	n									
Att	1 30.00 dBm 40 dB	Offset		RBW 100 ki VBW 300 ki		Mode	Auto Swe	эер		
●1Rm Max	0		_		_	-				
			1			M	[1]		1.8	-40.97 d8m 499910 GHz
20 dBm				11 1			1			
10 dBm				11 11 						-
0 dBm					jm		المسيحة ومعادر المحمد ومراجع	in the second second second		Armoning
-10 dBm—	01 -13.000	dBm								
-20 dBm			-				-			
-30 dBm—					+					+ +
-40 dBm				M	<u> </u>	_			-	-
-50 d8m-	and the second second	have a second	www.gharbarbarb					-		-
-60 dBm			_							
CF 1.85 G	Hz			1001	pts				Spa	n 20.0 MHz
	Л					Meas	suring		-	13.01.2017 14:40:22

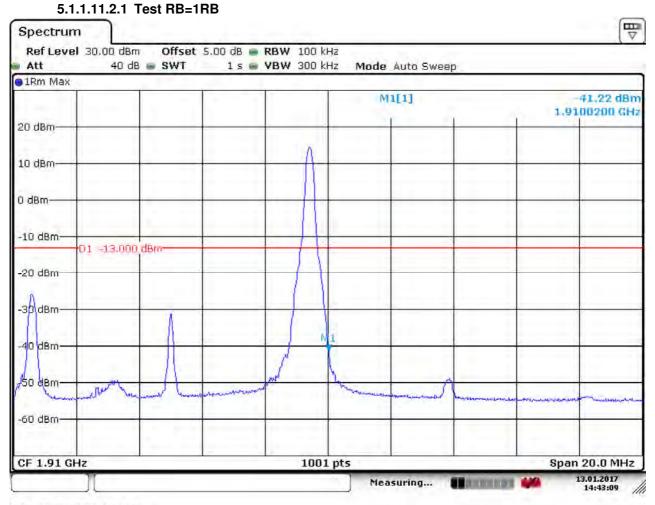
5.1.1.11.1.2 Test RB=50RB

Date: 13.JAN.2017 14:40:22



Report No.: SZEM170100023101 Page: 147 of 235

5.1.1.11.2 Test Channel = HCH



Date: 13.JAN.2017 14:43:10



Report No.: SZEM170100023101 Page: 148 of 235

Spectrum									
🖝 Att	30.00 dBm 40 dB	Offset	5.00 dB 🖷 1 s 📾	RBW 100 ki VBW 300 ki		Auto Swi	эер		
●1Rm Max						1. S.			
					M	11[1]			41.28 dBm 00200 GHz
20 dBm				11 1					
10 dBm									
0 dBm	~~~~~~	munu	man hannen	manument			-		
-10 dBm	D1 -13.000	dBm	1		-				
-20 dBm									
30 dBm			-			-	-		
-40 dBm	-	-		A	-				
-50 dBm		-				mennen	mannem	petron with	men manunage un
-60 dBm									
CF 1.91 GH	Iz		-	1001	pts			Span	20.0 MHz
	JI				Mea	asuring	N RECEIPTION OF	440 2	13.01.2017

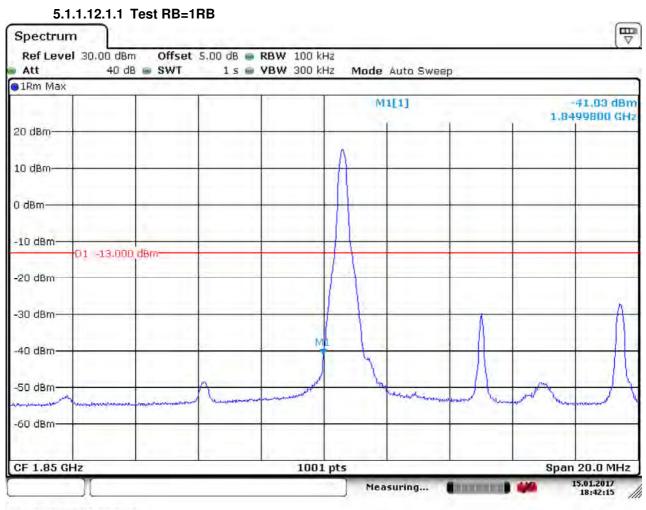
5.1.1.11.2.2 Test RB=50RB

Date: 13. JAN. 2017 14:43:54



Report No.: SZEM170100023101 Page: 149 of 235

5.1.1.12 Test Mode = LTE/TM3 10MHz 5.1.1.12.1 Test Channel = LCH



Date: 15.JAN.2017 18:42:16



Report No.: SZEM170100023101 Page: 150 of 235

Spectrur	n								
Att	1 30.00 dBm 40 dB	Offset		RBW 100 ki VBW 300 ki		Mode Auto Swe	эер		
●1Rm Max	2		_						
						M1[1]			-41.25 dBm 499800 GHz
20 dBm									
10 dBm									-
0 dBm		-			~		au marine and		-
-10 dBm	01 -13.000	dam						-	
-20 dBm	01 -13.000								
-30 dBm—					1	-			+
-40 dBm		100		M	<u> </u>				
-50 dBm-			de mante aller			_	-		
-60 dBm									
CF 1.85 G	Hz		-	1001	pts			Spar	1 20.0 MHz
)[Measuring	(incomina)	-	15.01.2017 18:42:42

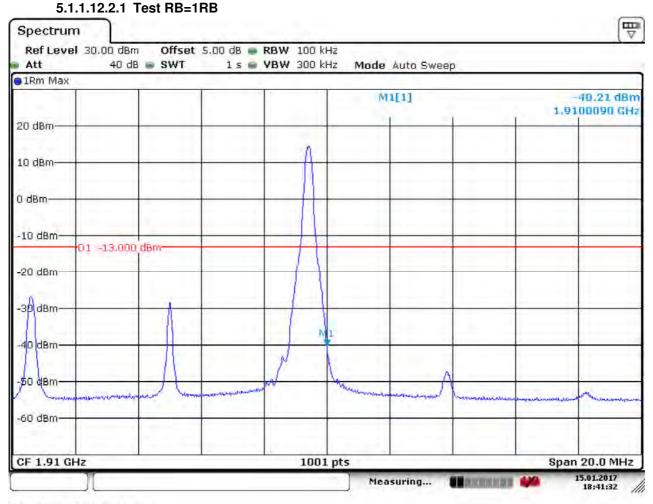
5.1.1.12.1.2 Test RB=50RB

Date: 15.JAN.2017 18:42:42



Report No.: SZEM170100023101 Page: 151 of 235

5.1.1.12.2 Test Channel = HCH



Date: 15.JAN.2017 18:41:32



Report No.: SZEM170100023101 Page: 152 of 235

Spectrur	n								
Ref Leve Att	el 30.00 dBm 40 dB	Offset		RBW 100 kHz VBW 300 kHz		Auto Swe	ер		
1Rm Max	0								
1					M	1[1]			-41.52 dBm 100090 GHz
20 dBm	-								
10 dBm			1						
0 dBm	hanna		mmm	menning					
-10 dBm—	D1 -13.000	dBm							
-20 dBm									
-30 dBm	*								
-40 dBm				Ma				-	
-50 dBm			-		the second and a second	montande	der month	- Case	and the second second
-60 dBm—									
CF 1.91 G	Hz		-	1001 p	ots	-		Spar	20.0 MHz
][Mea	suring	N TO CHARTER DE	-	15.01.2017 18:41:07

5.1.1.12.2.2 Test RB=50RB

Date: 15.JAN.2017 18:41:07



Report No.: SZEM170100023101 Page: 153 of 235

5.1.1.13 Test Mode = LTE/TM1 15MHz 5.1.1.13.1 Test Channel = LCH

5.1.1.13.1.1 Test RB=1RB 1 Spectrum Ref Level 30.00 dBm Offset 5.00 dB 🖷 RBW 300 kHz 40 dB 📟 SWT 1 s 🖝 VBW Att 1 MHz Mode Auto Sweep 01Rm Max M1[1] 31.37 dBm 1.8499700 GHz 20 dBm-10 dBm-0 dBm -10 dBm-01 -13.000 dBm -20 dBm -30 dBm 40 dBm 50 dBm -60 dBm-CF 1.85 GHz 1001 pts Span 30.0 MHz 13.01.2017 Measuring... Character and Barat 11 14:36:11

Date: 13.JAN.2017 14:36:11



Report No.: SZEM170100023101 Page: 154 of 235

Spectrur	n									
Ref Leve Att	1 30.00 dBn 40 dB	Offset	5.00 dB 🖷 1 s 📾	RBW 300 ki VBW 1 Mi		lode Auto Swe	ер			
1Rm Max	2									
		M1[1]						-37.86 dBm 1.8499700 GHz		
20 dBm				· · · · · · · · ·						
10 dBm				10 1						
0 dBm		-			-					
-10 dBm—	01 -13.000	dBm			-					
-20 dBm			-		-					
-30 dBm—				M	-			-	+	
-40 dBm—			-		-			-	-	
~50 d8m					-					
-60 dBm—							+			
CF 1.85 G	Hz		-	1001	pts			Spa	in 30.0 MHz	
	I					Measuring	Contractor (State	-	13.01.2017 14:38:48	

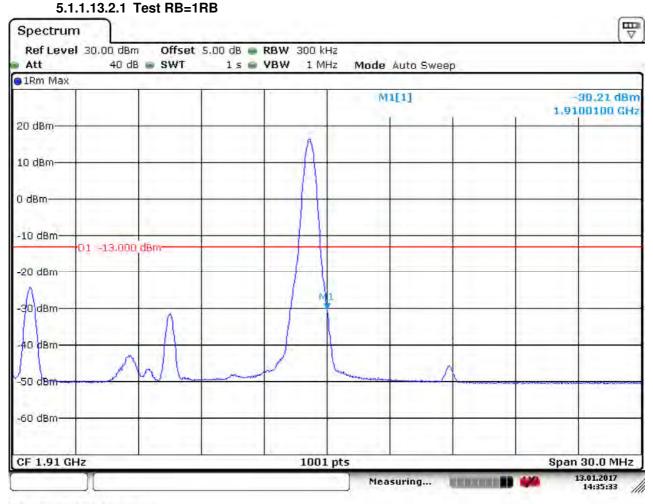
5.1.1.13.1.2 Test RB=75RB

Date: 13.JAN.2017 14:38:49



Report No.: SZEM170100023101 Page: 155 of 235

5.1.1.13.2 Test Channel = HCH



Date: 13.JAN.2017 14:35:33



Report No.: SZEM170100023101 Page: 156 of 235

Spectrun	n											
Att	l 30.00 dBn 40 dB	Offset	5.00 dB 🖷 1 s 🖷	RBW 300 kH: VBW 1 MH:		Auto Swe	ер					
●1Rm Max												
					M	M1[1] -37,85 dBm 1.9100100 GHz						
20 dBm				11 1								
10 dBm												
0 dBm	an an a the second s											
-10 dBm	D1 -13.000	dBm						-				
-20 dBm												
30 dBm—				1								
-40 dBm					~	-						
-50 dBm		-							-			
-60 dBm												
CF 1.91 G	Hz			1001 (ots	-		Spar	1 30.0 MHz			
	Л				Mea	suring	and the second second	-	13.01.2017 14:33:51			

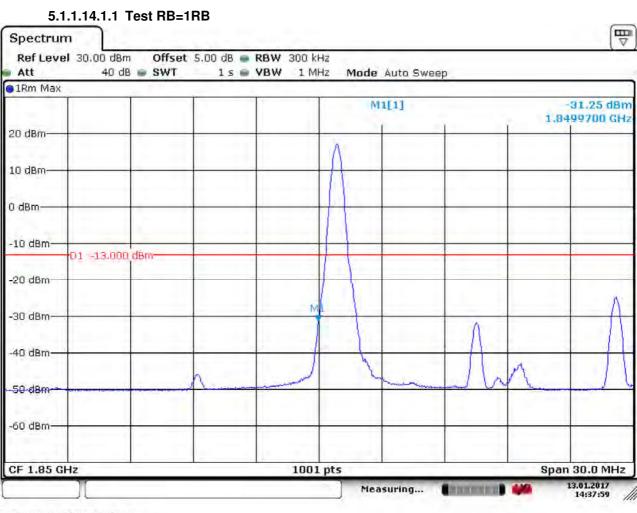
5.1.1.13.2.2 Test RB=75RB

Date: 13 JAN 2017 14:33:52



Report No.: SZEM170100023101 Page: 157 of 235

5.1.1.14 Test Mode = LTE/TM2 15MHz 5.1.1.14.1 Test Channel = LCH



Date: 13.JAN.2017 14:37:59



Report No.: SZEM170100023101 Page: 158 of 235

Spectrum													
Ref Level Att	1 30.00 dBr 40 dl	n Offset B e SWT	:5.00 dB 🖷 1 s 📾			1ode Auto Swa	зер						
●1Rm Max													
1							M1[1] -38.45 d8m 1.8499700 GHz						
20 dBm				11 1									
10 dBm				11 1 1									
0 dBm					7								
-10 dBm	D1 -13.000	1 dBm											
-20 dBm			-										
-30 dBm				M	-		-		+ - (
-40 dBm					1		-						
-50 dBm													
-60 dBm													
CF 1.85 GH	lz		-	1001	pts	-		Spar	n 30.0 MHz				
	M					Measuring	(hannet mit)		13.01.2017 14:38:26				

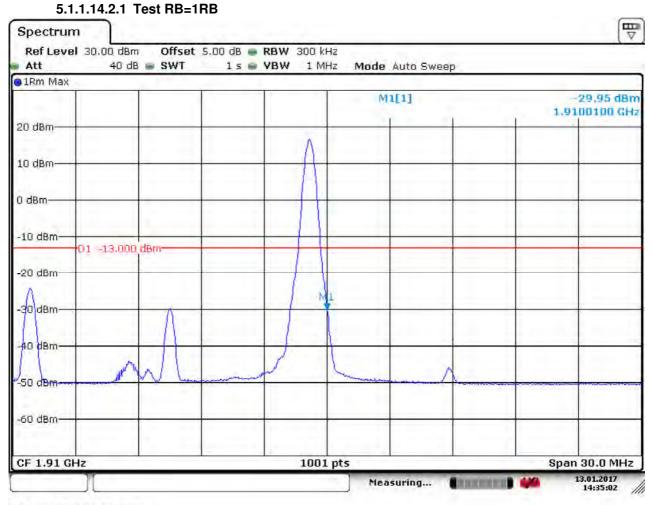
5.1.1.14.1.2 Test RB=75RB

Date: 13.JAN.2017 14:38:26



Report No.: SZEM170100023101 Page: 159 of 235

5.1.1.14.2 Test Channel = HCH



Date: 13.JAN.2017 14:35:03



Report No.: SZEM170100023101 Page: 160 of 235

Spectrur	n									
🖝 Att	1 30.00 dBm 40 dB	Offset	5.00 dB 🖷 1 s 🖷	RBW 300 kHz VBW 1 MHz		Auto Swe	ер			
91Rm Max	2		_							
1.		1.11			1[1] -98.23 dBm 1.9100100 GHz					
20 dBm			1							
10 dBm										
0 dBm				and the second						
-10 dBm	D1 -13.000	dBm						-		
-20 dBm—										
-30 dBm	-								-	
-40 dBm					m	manual room			-	
-50 dBm		<u></u>						and the second sec		
-60 dBm										
CF 1.91 G	Hz		-	1001 p	ots	-		Spa	n 30.0 MHz	
					Mea	suring	and the second s	-	13.01.2017 14:34:29	

5.1.1.14.2.2 Test RB=75RB

Date: 13. JAN. 2017 14:34:29



Report No.: SZEM170100023101 Page: 161 of 235

5.1.1.15 Test Mode = LTE/TM3 15MHz 5.1.1.15.1 Test Channel = LCH

5.1.1.15.1.1 Test RB=1RB Spectrum Ref Level 30.00 dBm Offset 5.00 dB 🖷 RBW 300 kHz Att 40 dB 📦 SWT 1 s S VBW 1 MHz Mode Auto Sweep 01Rm Max M1[1] 30.63 dBm 1.8499800 GHz 20 dBm-10 dBm-0 dBm--10 dBm-01 -13.000 dBm--20 dBm 1 -30 dBm -40 dBm-50 dBm -60 dBm-CF 1.85 GHz 1001 pts Span 30.0 MHz 15.01.2017 Measuring... E in state ment in dorit 11 18:43:42

Date: 15.JAN.2017 18:43:42



Report No.: SZEM170100023101 Page: 162 of 235

Spectrun	n]								
e Att	1 30.00 dBm 40 dB	Offset	5.00 dB 🖷 1 s 📾			lode Auto Swi	зер		
●1Rm Max	-								
1.						M1[1]		1.8	-38.59 dBm 499800 GHz
20 dBm				11 1					
10 dBm							-		
0 dBm		-					-	<u></u>	
-10 dBm	D1 -13.00D	dBm			-				
-20 dBm					1				
-30 dBm			-	M	-				
-40 dBm					<u>†</u>			-	
~50 dBm									-
-60 dBm									
CF 1.85 G	Hz		-	1001	. pts			Spa	n 30.0 MHz
	Л					Measuring	. In the local difference with	-	15.01.2017 18:43:20

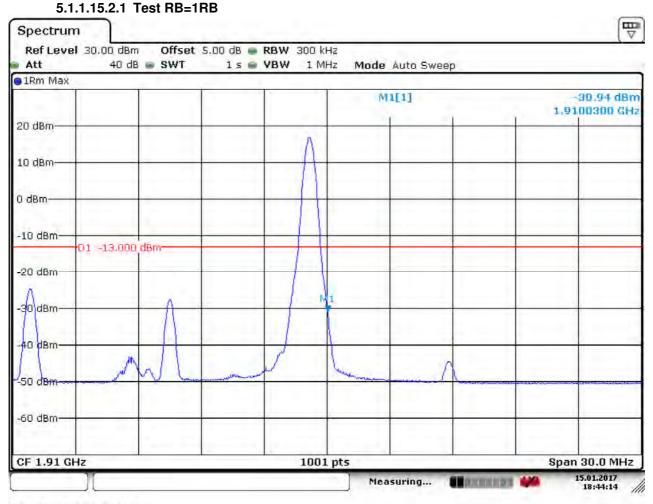
5.1.1.15.1.2 Test RB=75RB

Date: 15.JAN.2017 18:43:20



Report No.: SZEM170100023101 Page: 163 of 235

5.1.1.15.2 Test Channel = HCH



Date: 15.JAN.2017 18:44:15



Report No.: SZEM170100023101 Page: 164 of 235

Spectrum									
Att	l 30.00 dBn 40 dl	n Offset B B SWT	5.00 dB 🖷 1 s 📾			ode Auto Swe	эер		
●1Rm Max									
1 - 1						M1[1]		1.9	-39.72 d8m 100300 GHz
20 dBm			-	11 11					
10 dBm									
0 dBm					1		-		
-10 dBm—	D1 -13.000	I dBm						-	
-20 dBm							_		4
-30 dBm			-						-
-40 dBm					12 may	- and the second second	-		-
-50 dBm								un un	-
-60 dBm									
CF 1.91 GH	Hz			1001	L pts	-		Spa	n 30.0 MHz
	I					Measuring		-	15.01.2017 18:48:19

5.1.1.15.2.2 Test RB=75RB

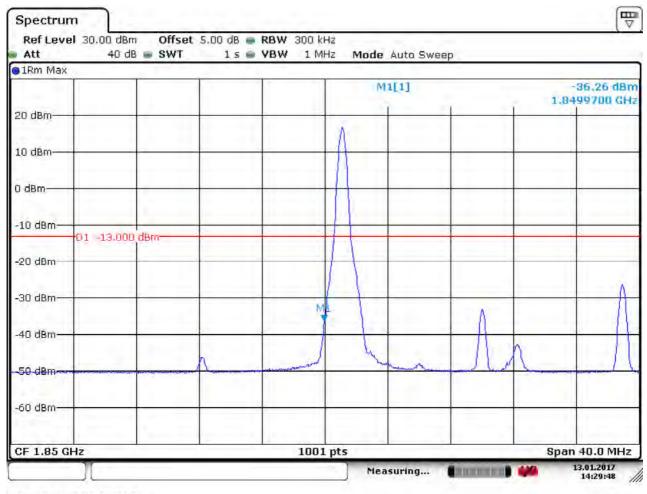
Date: 15 JAN 2017 18:48:20



Report No.: SZEM170100023101 Page: 165 of 235

5.1.1.16 Test Mode = LTE/TM1 20MHz 5.1.1.16.1 Test Channel = LCH

5.1.1.16.1.1 Test RB=1RB



Date: 13.JAN.2017 14:29:49



Report No.: SZEM170100023101 Page: 166 of 235

Spectrur	n								
Ref Leve Att	1 30.00 dBm 40 dB	Offset	5.00 dB 📼 1 s 📾			Mode Auto Swe	ер		
●1Rm Max			_						
			1			M1[1]			-42.48 dBm 499700 GHz
20 dBm			1	11 1					
10 dBm									
0 dBm		-			~				my
-10 dBm	01 -13.000	dim							
-20 dBm	01 -13.000								
-30 dBm—			-		1				+
-40 dBm			-	M	-				
50-d8m				a man					
-60 dBm—									
CF 1.85 G	Hz			1001	pts	+		Spai	n 40.0 MHz
	T				- 1	Measuring			13.01.2017 14:28:20

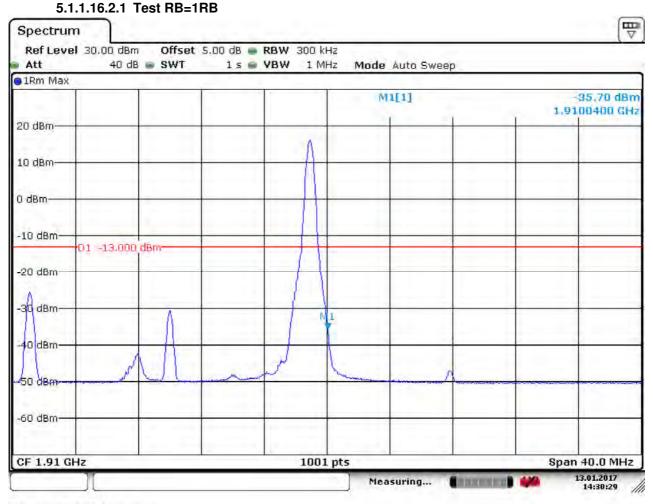
5.1.1.16.1.2 Test RB=100RB

Date: 13. JAN. 2017 14:28:20



Report No.: SZEM170100023101 Page: 167 of 235

5.1.1.16.2 Test Channel = HCH



Date: 13.JAN.2017 14:30:29



Report No.: SZEM170100023101 Page: 168 of 235

Spectrur	n								
Ref Leve Att	el 30.00 dBn 40 dB	Offset	5.00 dB 🖷 1 s 📾	RBW 300 kH VBW 1 MH		Auto Swe	ер		
⊖1Rm Max			-						-
			1		M	1[1]	2	1.9	-41.97 dBm 100400 GHz
20 dBm		1							
10 dBm	-								
0 dBm							-		
-10 dBm-	D1 -13.000	dBm						-	
-20 dBm									
-30 dBm	*	-						-	-
-40 dBm—			-	À	1				-
-50 dBm	-				- Marcalana		minimum		
-60 dBm—									
CF 1.91 G	Hz		-	1001	pts			Spa	n 40.0 MHz
	I				Mea	suring	· III an	-	13.01.2017 14:32:52

5.1.1.16.2.2 Test RB=100RB

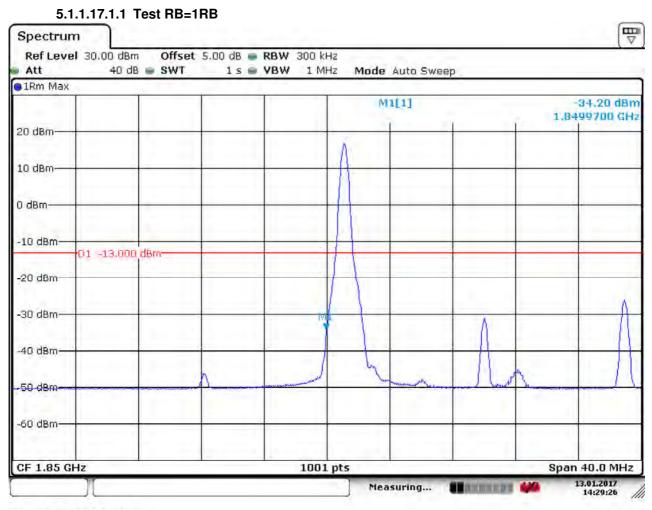
Date: 13.JAN.2017 14:32:52



Report No.: SZEM170100023101 Page: 169 of 235

5.1.1.17 Test Mode = LTE/TM2 20MHz

5.1.1.17.1 Test Channel = LCH



Date: 13.JAN.2017 14:29:26



Report No.: SZEM170100023101 Page: 170 of 235

Spectrur	n								
Ref Leve Att	el 30.00 dBm 40 dB	Offset	5.00 dB 🖷 1 s 📾			lode Auto Swa	эер		
●1Rm Max									
						M1[1]		1.8	-41.76 dBm 499700 GHz
20 dBm			1			- 1			
10 dBm							-		
0 dBm		-			-				
-10 dBm—		16	1						
-20 dBm	-01 -13.000	dBm							
-30 dBm—					1				-
-40 dBm—			-	м	-				
-50 d8m									
-60 dBm—									
CF 1.85 G	Hz			1001	pts			Spa	n 40.0 MHz
	I					Measuring		-	13.01.2017 14:28:54

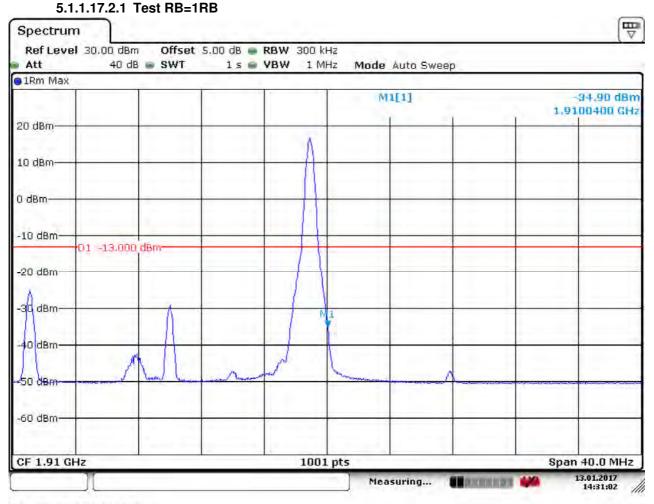
5.1.1.17.1.2 Test RB=100RB

Date: 13. JAN. 2017 14:28:54



Report No.: SZEM170100023101 Page: 171 of 235

5.1.1.17.2 Test Channel = HCH



Date: 13.JAN.2017 14:31:02



Report No.: SZEM170100023101 Page: 172 of 235

Spectrum	n		1.11.1				
e Att	1 30.00 dBn 40 dB	Offset	5.00 dB 🖷 1	RBW 300 kHz VBW 1 MHz	Mode Auto Sw	еер	
01Rm Max			_				
1.					M1[1]		-40.63 dBm 1.9100400 GHz
20 dBm							
10 dBm							
0 dBm						-	
-10 dBm	D1 -13.000	(dBm-					
-20 dBm		_				_	
-30 dBm							
-40 dBm		-		N1	Marine Marine		
-50 dBm		(
-60 dBm		-			-		
CF 1.91 GH	Hz			1001 pt	s		Span 40.0 MHz
	Л				Measuring	A REPORTED BY	13.01.2017 14:32:00

5.1.1.17.2.2 Test RB=100RB

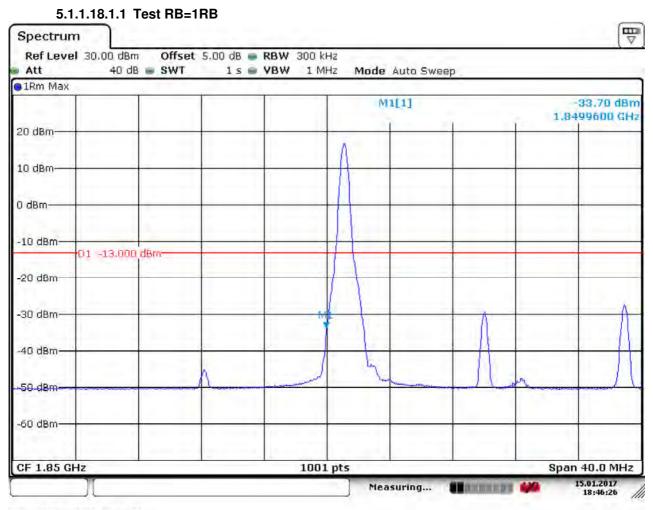
Date: 13 JAN 2017 14:32:00



Report No.: SZEM170100023101 Page: 173 of 235

5.1.1.18 Test Mode = LTE/TM3 20MHz

5.1.1.18.1 Test Channel = LCH



Date: 15.JAN.2017 18:46:27



Report No.: SZEM170100023101 Page: 174 of 235

Spectru	m	1	and the second						
Ref Leve Att	el 30.00 dBm 40 dB	Offset	5.00 dB 🖷 1 s 📾			Node Auto Swi	эер		
●1Rm Max									
1			1			M1[1]		1.8	-41.70 dBm 499600 GHz
20 dBm									
10 dBm							-		
0 dBm		-			~		_		-
-10 dBm—		15	1						
-20 dBm	D1 -13.000	dBm							
-30 dBm—	1				1	-		-	
-40 dBm—	-	-		M	/				
~50 d8m	and the second second						-		
-60 dBm—									
CF 1.85 G	Hz		-	1001	pts			Spa	n 40.0 MHz
	Л				-]	Measuring	I I I I I I I I I I I I I I I I I I I	44	15.01.2017 18:46:49

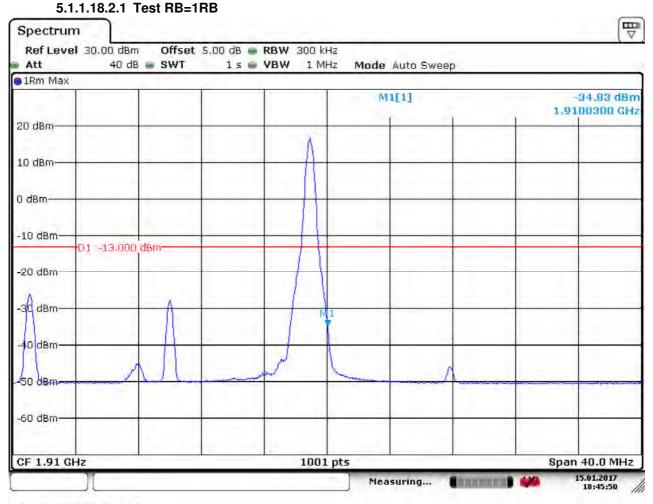
5.1.1.18.1.2 Test RB=100RB

Date: 15.JAN.2017 18:46:49



Report No.: SZEM170100023101 Page: 175 of 235

5.1.1.18.2 Test Channel = HCH



Date: 15.JAN.2017 18:45:50



Report No.: SZEM170100023101 Page: 176 of 235

Spectrun	n								
Att	1 30.00 dBm 40 dB	Offset	5.00 dB 🖷 1 s 📾			Auto Swe	ер		
01Rm Max						1. The second			
1.					M	1[1]		1,9	-41.60 dBm 100300 GHz
20 dBm			1						
10 dBm						-			-
0 d <u>Bm</u>				many			-		
-10 dBm	D1 -13.00D	dBm	1		-				
-20 dBm									4
-30 dBm	-		-				1		
-40 dBm				X	1			-	-
-50 dBm			-						
-60 dBm									
CF 1.91 G	Hz		-	1001	pts			Spa	n 40.0 MHz
	J				Mea	suring		-	15.01.2017 18:45:14

5.1.1.18.2.2 Test RB=100RB

Date: 15 JAN 2017 18:45:15



Report No.: SZEM170100023101 Page: 177 of 235

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.

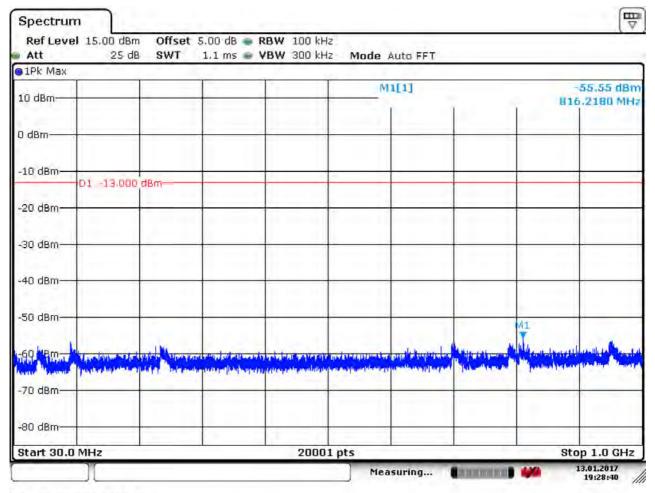
Part I - Test Plots

6.1 For LTE

6.1.1 Test Band = LTE band2

6.1.1.1 Test Mode = LTE / TM1 1.4MHz RB1#0

6.1.1.1.1 Test Channel = LCH



Date: 13.JAN.2017 19:28:40



Report No.: SZEM170100023101 Page: 178 of 235

Spectru	m el 15.00 dBn	Offect	r oo do e	RBW 1 MHz					E ▼
Att	20 de			VBW 3 MHz		uto Sweep			
1Pk Max									
10 dBm					P	11[1]	Y.		40,31 dBm 00540 GHz
0 dBm	-		-			-			
-10 dBm—	-D1 -13.000	dBm			-				
-20 dBm—			-	-		-	-	-	
-30 dBm—			-						
-40 dBm—			M1						
-50 dBm—		i dua	a a hormonlyakara	Present an other law disc.	leps at the set and	ter felditere ef fr	والمعاد والغرور والمعاد	والطويقين والماذين أن	a full adding to statulist, sin
r≃ou dBm—	And the second second	the second second as	in the second second second				in the shifts of the Digmonsteriot	in signed with a subscription is	and and a grant for gath
-70 dBm—					1.				
-80 dBm—		-							
Start 1.0	GHz			2000	1 pts	-1		Stop	10.0 GHz
					Me	asuring		-	13.01.2017 19:10:05

Date: 13. JAN. 2017 19:10:05



Report No.: SZEM170100023101 Page: 179 of 235

Spectrur Ref Leve	n 15.00 dBn 25 dB		5.00 dB 👄 R 30 ms 🖝 V	BW 1 MHz BW 3 MHz		uto Sweep			(Ţ
1Pk Max						the storage -			
10 dBm					M	11[1]	í.		45.71 d8m 36250 GH7
0 dBm									
-10 dBm—	D1 -13.000	dBm							
-20 dBm—					-				
-30 dBm—		<u></u>	-						
-40 dBm—									M
UT BUH				New York Street Street	he phile is a serie set	الدور ماريطان مي المعرار مناجع ماريطان الموري معرار	and the second	international providences	the sales of the sale of the s
-60 dBm—									
-70 dBm—					-				
-80 dBm									
Start 10.0	GHz	1		2000	1 pts	1		Stop	20.0 GHz
didit Idie				2000		asuring	in a constant of		13.01.2017 19:13:11

Date: 13.JAN.2017 19:13:11



Report No.: SZEM170100023101 Page: 180 of 235

1 Pk Max				VBW 300 kH		Auto FFT				
10 dBm					N	11[1]		-55,91 dBm 813,6000 MHz		
0 d8m	-		-							
-10 dBm—	D1 -13.000	dBm								
-20 dBm—			-							
-30 dBm—										
-40 dBm—										
-50 dBm—								M1		
-60 [%] 900-00		THE PARTY		ling the second second second	sump the part of		-	Antonia	the state	
-70 dBm—				and a state of the state of	1					
-80 dBm										
Start 30.0	I MHz		-	2000	1 pts			Sto	op 1.0 GH	

6.1.1.1.2 Test Channel = MCH

Date: 13.JAN.2017 19:28:16



Report No.: SZEM170100023101 Page: 181 of 235

Spectrun	n								Ū
Ref Leve Att	1 15.00 dB 20 (RBW 1 MHz VBW 3 MHz		uto Sweep			
01Pk Max	/	2							
10 dBm						M1[1]	Ŷ.		-98.85 d8m /59490 GHz
0 dBm		-	-				-		
-10 dBm	D1 -13.00	10 dBm							
-20 dBm			-	-	-		-		
-30 dBm—					-				
-40 dBm—			111						
-50 dBm		B.al.c.ak	and the full of the for	de la la la colo	M Do Mile to alab	nde enlandela	in all a star and		and the second states
'-60'd8m	nandellasid a Klas Istorenjedestog inte			indered a producery in the second of			and a state of the provide state of the		and the state of t
-70 dBm						-			
-80 dBm			-			-			
Start 1.0 (GHz			2000	01 pts	-1		Stop	10.0 GHz
					Me	asuring	COLUMN TWO IS NOT	-	13.01.2017 19:10:46

Date: 13.JAN.2017 19:10:46



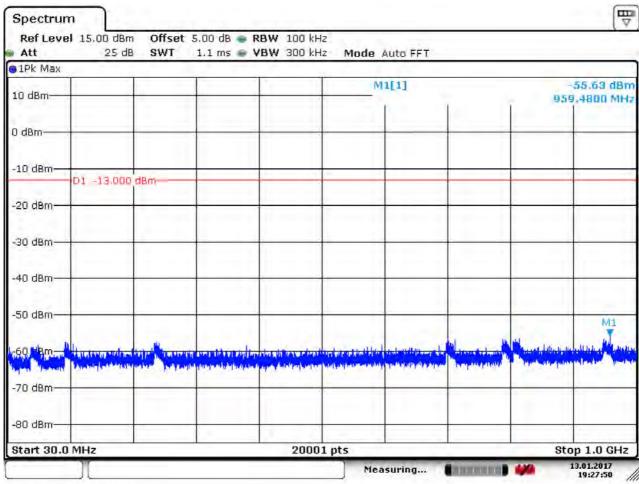
Report No.: SZEM170100023101 Page: 182 of 235

Att 1Pk Max	25 dB	SWT	30 ms 🖝	VBW 3 MHz	Mode A	uto Sweep				
10 dBm					N	11[1]	Y	-46.34 dBn 19,957250 GH		
0 dBm										
-10 dBm—	-D1 -13.000	dBm		_	-					
-20 dBm—										
-30 dBm—	-	-								
-40 dBm—									M	
SE dila			Har dynaster the second	Construction and Construction		and a log stall the second	La Manulay, History	Huleson - Magness	Service and to be a feat of the	
-60 dBm—					-					
-70 dBm—										
-80 dBm—										

Date: 13.JAN.2017 19:12:38



Report No.: SZEM170100023101 Page: 183 of 235



6.1.1.1.3 Test Channel = HCH

Date: 13.JAN.2017 19:27:51



Report No.: SZEM170100023101 Page: 184 of 235

Spectrun	n	1							Em ⊽
Ref Leve Att	1 15.00 df 20			RBW 1 MHz VBW 3 MHz		Auto Sweep			
1Pk Max									
10 dBm		-				M1[1]	Ŷ		-39.07 d8m 817980 GHz
0 dBm			-		4	-			
-10 dBm	D1 -13.0	00 dBm							
-20 dBm		-	-		-	-	-		-
-30 dBm					4				-
-40 dBm			MI		-				
-50 dBm				filling and style and the second of the	Allar anti-depend	and the second	and the still and store to	and early an angele	فاخرب الراقي وبالمعطور
web aBm	Maritis By Barrella Maritis By Barrella			American and a state of the state of the			NAME OF TAXABLE PARTY.	nt wastelling generated th	Martine Constant Appart
-70 dBm	-				*				*
-80 dBm			-		-	-		-	
Start 1.0 C	GHz			2000)1 pts	_1		Sto	p 10.0 GHz
	J				1	easuring	HORIONE		13.01.2017 19:11:17

Date: 13.JAN.2017 19:11:17



Report No.: SZEM170100023101 Page: 185 of 235

Att 1Pk Max	25 dB	SWT	30 ms 🖝	VBW 3 MHz	MODE A	uto Sweep			
10 dBm					M	1[1]	Ý.		46.21 d8m 47250 GHz
0 dBm			-	-		-			
-10 dBm	D1 -13.000	dBm	_		-				
-20 dBm		-						-	
-30 dBm		1							
-40 dBm									M
-ainide-alyte		- Martin	and this patients		al de la factura de la colorada Maria de la constante de la colorada	and the second second	undung en side	Celle Company of Aller and A	-
-60 dBm			1						
-70 dBm			-						
-80 dBm									

Date: 13.JAN.2017 19:12:05



Report No.: SZEM170100023101 Page: 186 of 235

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

Att	el 15.00 dB 25 c			RBW 100 kH VBW 300 kH		Auto FFT			
31Pk Max			12 E		-				
10 dBm				M1[1]					55.98 dBm 1.7620 MH;
0 dBm	4	-	-			-			
-10 dBm—	-D1 -13.00	D dBm			-				1
-20 dBm—	01 -13.00						-		
-30 dBm—					-		_		
-40 dBm—			_						
-50 dBm—		_		-					M1
FAR BOT			al a baix aproper array	ning and the state of the state			-	Alata Athened	interests aller en
-70 dBm-	(damage , st at						20.00		1.000
-80 dBm									
Start 30.0	MHz	-		2000	1 pts			Sto	p 1.0 GHz

Date: 13.JAN.2017 19:26:26



Report No.: SZEM170100023101 Page: 187 of 235

Spectru	a company of the second second	1.00							[□ □
Ref Levi	el 15.00 dBm 20 dB			RBW 1 MHz VBW 3 MHz		uto Sweep			
91Pk Max									
10 dBm		-			M	11[1]	Ŷ.		39,24 d8m 00540 GH7
0 dBm		_	1						
-10 dBm—	+D1 -13.000	dBm			-				
-20 dBm—									
-30 dBm—		1							
-40 dBm—			M1	1					
-50 dBm—		a second back	10 - 2/2 - 1 - 1 - 1 - 2 - 2 - 2 - 2 - 2 - 2 -	معلية ومنظرين والمع	- 12 - Carlordonal	and the second second	و المراجع الم	المعادية بالمعادية	All the second second
-60 dBm—	Here as alway a boundle b						and the second of the second sec		Contraction Contraction
-70 dBm—									
-80 dBm—									
Start 1.0	GHz		1	2000	1 pts	1		Stop	0 10.0 GHz
						asuring			13.01.2017 19:08:13

Date: 13.JAN.2017 19:08:13



Report No.: SZEM170100023101 Page: 188 of 235

Att 1Pk Max	25 dB	SWT	30 jiis 🖝 1	BW 3 MHz	Moue A	uto Sweep			
10 dBm					N	11[1]	Y		46.44 d8m 33250 GHz
0 dBm			-						
-10 dBm	D1 -13.000	dBm							
-20 dBm					1				
-30 dBm									
-40 dBm—									м
	-	and the second		The second s		ditation all as a self	handhan han b	and the based of the state	A Del Charles
-60 dBm—									
-70 dBm—									

Date: 13.JAN.2017 19:15:01



Report No.: SZEM170100023101 Page: 189 of 235

31Pk Max	A 1997		1.1						
10 dBm					N	11[1]	1		-55.90 d8m 3.2120 MH7
0 d8m	\$		-			-			
-10 dBm—	D1 -13.000	dBm			-				
-20 dBm—								-	
-30 dBm—									
-40 dBm—			-						
-50 dBm—							· · · · · · ·	M1	
-69 ⁻¹ 8m	I DATE OF THE OWNER	TIME THE		and the local state of the second sec	รายปฏาและระบำปะ" 	and the second	And the second state	A Strate Block on	The second states
-70 dBm—									
-80 dBm			-	-					
Start 30.0	MHz			200	01 pts	1		Ste	op 1.0 GHz

6.1.1.2.2 Test Channel = MCH

Date: 13.JAN.2017 19:26:48



Report No.: SZEM170100023101 Page: 190 of 235

Spectrur	for any statement								▼
Ref Leve Att	15.00 dB 20 (RBW 1 MHz VBW 3 MHz		uto Sweep			
1Pk Max	1	2			-			_	
10 dBm	-					M1[1]	Y		99.62 dBm 57690 GHz
0 dBm	-	-	_		4			_	
-10 dBm	D1 -13.00	10.dBm	_						
-20 dBm—			-		-				
-30 dBm	2				4				
-40 dBm—			M1		-				
-50 dBm—		a statement	No. 10 Internet and a state of the l	la la shaasa	II you be for a starting to	and the subscription	atore, contration to be	ale and the second state of the	And the second second
-60 dBm	and a start of the		Contraction (Contraction)					Parantel Stranger and Market State	
-70 dBm			-						
-80 dBm									
Start 1.0 (GHz			2000	01 pts	4	-	Stop	10.0 GHz
	I				Me	asuring		4/0 1	13.01.2017 19:07:34

Date: 13.JAN.2017 19:07:34



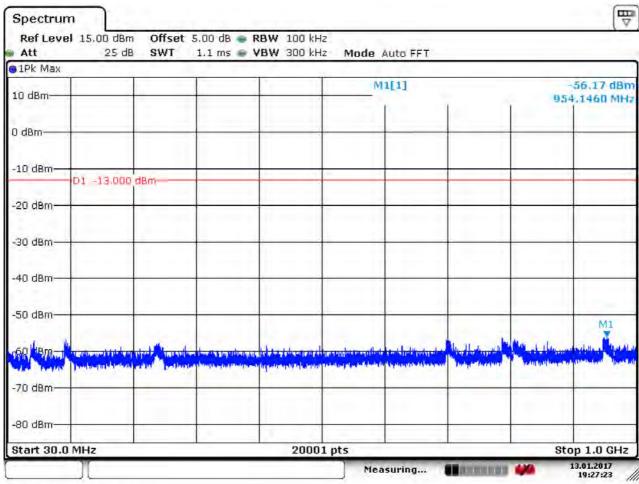
Report No.: SZEM170100023101 Page: 191 of 235

13.000 dBm		M	1[1]			46,18 dBm 46960 GHz
13.000 dBm						
13.000 dBm						×
		 -				
_						
	-	 		-		
		MI				
denter the	the test of the state of the		A Construction of the second	teltheory to seath	and the contract of the standard	Contraction of the
			and the second	منعي النفي الفريقا والمنافعة مناجع والنع والمعالي والمعالية والمعالية والمعالية والمعالية والمعالية والمعال	and the second	مراجع والمراجع والمرجع المحمد النفي الفريك وتحدثه وتعمل وتبري وبالم والمرجع والمرجع والمرجع والمرجع والمرجع وال

Date: 13.JAN.2017 19:14:34



Report No.: SZEM170100023101 Page: 192 of 235



6.1.1.2.3 Test Channel = HCH

Date: 13.JAN.2017 19:27:23



Report No.: SZEM170100023101 Page: 193 of 235

Spectrun	n								[Ţ
Ref Leve Att	l 15.00 dBr 20 d			RBW 1 MHz VBW 3 MHz		uto Sweep			
91Pk Max	A	2							
10 dBm					N	11[1]	Ť.		-39.08 d8m 314830 GH7
0 dBm		-	-			-		-	
-10 dBm	D1 -13.00	D dBm							
-20 dBm							-	-	
-30 dBm—							*	-	-
-40 dBm—			MI						
-50 dBm		Acharite	and the standards	al lances of the lands of the	(1) hat man blat	A Contract News		والمعادين والمعاد والم	1. The strength of the strength of the
-60 dBm	Anderspecific det des trans- server des servers des reports		er general and a state of the second state particular second state particular second state particular second s	felter (contraste ³⁰ on books)					
-70 dBm									
-80 dBm									
Start 1.0 (GHz			2000	1 pts	1		Stop	0 10.0 GHz
					Mea	asuring			13.01.2017 19:07:04

Date: 13.JAN.2017 19:07:04



Report No.: SZEM170100023101 Page: 194 of 235

2.02.11										
10 dBm			-		M	1[1]		-46.30 dBn 16.436430 GH		
) dBm		_								
-10 dBm	01 -13.000 dB	im			-					
-20 dBm		_								
30 dBm										
40 dBm		_				M1				
50,000 - Hulu		Martin Martin	A CALLER AND A CAL	the second second		Mar Mar Mar	a fa farfili la an sin ¹⁸ 1 Mana San Ing	and the second second		
-60 dBm										
70 dBm								<u>.</u>		
-80 dBm									-	

Date: 13.JAN.2017 19:13:47



Report No.: SZEM170100023101 Page: 195 of 235

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

Att 1Pk Max	25 dB	SWT	1.1 ms 🖝	VBW 300 kH	12 Mode	Auto FFT		
10 dBm			-		M	1[1]	1	-56.00 d8m 7.3530 MHz
0 dBm			-			-		
-10 dBm	D1 -13.000	dBm		-	-			
-20 dBm								
-30 dBm								
-40 dBm								
-50 dBm	-		-		1		M	
-69 19 0-			a daga ya gangan ya daga ya ya A daga ya ya daga ya					the Marth
-70 dBm	tendoni francisco con conse							
-80 dBm								

Date: 13.JAN.2017 19:26:04



Report No.: SZEM170100023101 Page: 196 of 235

Spectru Ref Lev	m el 15.00 dBm 20 dB			RBW 1 MHz VBW 3 MHz		uto Sweep			(Ţ
91Pk Max	20 02			1011 0 1112	moue A	ard Sweep			
10 dBm					N	11[1]	-39.32 3.700990		
0 dBm			-	-			-		
-10 dBm—	-D1 -13.000	dBm							
-20 dBm—			-	-		-	-	-	
-30 dBm—									
-40 dBm—			M1						
-50 dBm—		-	and the standards	والمعالي والمعاد المعار ومعار	In the standing of the standing of the	Here to fact but		all, milales of a state	deal.
-60'dBm-	and the shades and all the second all the second se	the second state of the second state		Name place of the Polynet				an yang bibya	1100 million (1990)
-70 dBm—									
-80 dBm—									
Start 1.0	GHz	1		2000	1 pts	1		Stop	10.0 GHz
					Me	asuring		. 👐	13.01.2017 19:04:14

Date: 13.JAN.2017 19:04:14



Report No.: SZEM170100023101 Page: 197 of 235

Att 1Pk Max	25 dB	SWT	50 115	VBW 3 MHz	moue A	uto Sweep			
10 dBm					N	11[1]	-45.84 19,941750		
0 dBm		-		_					
-10 dBm	D1 -13.000 d	IBm							
-20 dBm					-				
-30 dBm—			-						
-40 dBm		-		-			-		M
50,dbmbd			W. La Innew	A Description of the second	in a line of the second second	and aller als	المراجع ويترو الحالين من المراجع ويترو مالحالين من	ally more a second s	a survival and the survival
-60 dBm									
-70 dBm									

Date: 13.JAN.2017 19:15:25



Report No.: SZEM170100023101 Page: 198 of 235

	Spectrum Ref Level	15.00 dBm 25 dB			RBW 100 k		Auto FFT			(^{mm}
10 dBm 954,437 0 dBm 954,437 -10 dBm 954,437 -10 dBm 954,437 -20 dBm 954,437 -30 dBm 954,437 -30 dBm 954,437 -40 dBm 954,437 -50 dBm 954,437 -50 dBm 954,437					14.0. 565.0	in india	Hace III I			
-10 dBm -10 dBm -10 dBm -20 dBm -20 dBm -20 dBm -30 dBm -50	10 dBm				1	1		-56.48 dBm 954.4370 MH; 1		
-20 dBm	0 dBm			-	-	11		-		
-20 dBm -30 dBm -40 dBm -50		D1 -13.000	dBm			-				
				-	-				-	
	-30 dBm						-			
	-40 dBm				-					
John Markey and Andrew Marke	-50 dBm			-						M1
		Burne Marines and	Interior Treasury	ula carriera presenta				in the second seco	A state to be	and a day to be the second
	-70 dBm	in Manufacture and an			Contract of the second s	an an stade to define we	talkanan til antar	14 rate and rate.		
-80 dBm	-80 dBm									
Start 30.0 MHz 20001 pts Stop 1.0	Start 30.0 M	MHz			2000	01 pts	4		Sto	op 1.0 GHz

6.1.1.3.2 Test Channel = MCH

Date: 13.JAN.2017 19:25:44



Report No.: SZEM170100023101 Page: 199 of 235

Spectrur	n	1							▼
Ref Leve Att	15.00 di 20			RBW 1 MHz VBW 3 MHz		Auto Sweep	1.00		
OPk Max	2		1000						
10 dBm		-				M1[1]	Ŷ.		-99,79 d8m 755890 GHz
0 dBm		-			•				
-10 dBm	D1 -13.0	00 dBm							
-20 dBm—		-	-		-				
-30 dBm—	2 2		-				+		
-40 dBm—	-				-				
-50 dBm—		in the start of the start	مركالل حمارين زار	health the selling of the second	No. IP	- Antonia and Antonia	- a file of a sheet (be output	والمتعادية والمتعادية	All and a sub- of a ball
-60"dBm	A standard to a fell	and a location of a line wave on a second state of a second state and a second state of	5	terres densities (filled in the ball			an million and for the training	al market i transmissione i statistica di secondo di transmissione i secondo di transmissione i secondo di seco	and the second
-70 dBm					-		-		
-80 dBm		-	-						
Start 1.0	GHz			2000	01 pts	4		Stop	0 10.0 GHz
					M	easuring	(income and	-	13.01.2017 19:04:49

Date: 13.JAN.2017 19:04:49



Report No.: SZEM170100023101 Page: 200 of 235

31Pk Max	1.11.1		10 T		-	2.2		
10 dBm					N	11[1]		45.67 dBm 78250 GHz
0 dBm								
-10 dBm	D1 -13.000	dBm			-		 	
-20 dBm—								
-30 dBm—								
-40 dBm—								M
50 444	I destroit and a state	to the second	A Land coulor	الاليور المالية المريط المريط الم		a strange of the south of the	Andreas and History , Mart	
-60 dBm								
-70 dBm—							 	

Date: 13.JAN.2017 19:16:09



Report No.: SZEM170100023101 Page: 201 of 235

Att 1Pk Max	25 dB	SWT		VBW 300 kH		Auto FFT			
10 dBm	-		1		M	1[1]			56.92 dBm 1.7960 MHz
0 dBm			-			-			
-10 dBm—	D1 -13.000	dBm	-		-				
-20 dBm—			-	-			-		
-30 dBm—			*						
-40 dBm—	-								
-50 dBm—						M	1		
r6P ⁴⁸ BR		and the state				and a star part of the log spin	-	Nelse aslansler by any first straight	Harry Newson
-70 dBm-	-								
-80 dBm		-	-						
Start 30.0	MHz			2000	1 pts			Sto	p 1.0 GHz

6.1.1.3.3 Test Channel = HCH

Date: 13.JAN.2017 19:25:26



Report No.: SZEM170100023101 Page: 202 of 235

Att	20 d	B SWT	27 ms 💣	VBW 3 MH	z Mode A	uto Sweep	1.0		
1Pk Max	1	1	T	T	T	11[1]			-38.60 dBm
10 dBm	-			1 1		1	Y.		10780 GHZ
0 dBm			-				-		
-10 dBm—	-D1 -13.000	dBm			-				
-20 dBm—			-						
-30 dBm—				-					
-40 dBm—			MI						
-50 dBm—		Coll Co		R. L. H. Jacoblesher M		den en e	a ford and address of the	a a alterer bit	A start and a second start
-60 dBm-	n andere House and the best Character and a second state Character and a second state		fagger a faith an inn à sa fairth	The contract of the constant				n har at the game in the second of	
-70 dBm—									-
-80 dBm—			_			-			
Start 1.0	GHz			200	01 pts	-		Stop	10.0 GHz

Date: 13.JAN.2017 19:05:44



Report No.: SZEM170100023101 Page: 203 of 235

Att 1Pk Max	25 dB	SWT		VBW 3 MHz	mode A	uto Sweep		
10 dBm	-				M	11[1]	Y	46.24 d8m 142260 GHz
0 dBm								
-10 dBm—	D1 -13.000	dBm						
-20 dBm—					1			
-30 dBm—		<u></u>						
-40 dBm—								M1
BR. HP			And the second s	A REAL PROPERTY OF THE REAL PR	white the first of a		and a state of the state of the	and the second
-60 dBm—			-					
-70 dBm—								
-80 dBm								

Date: 13.JAN.2017 19:16:51



Report No.: SZEM170100023101 Page: 204 of 235

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

Att 1Pk Max	25 dB	SWT		VBW 300 ki		Auto FFT				
10 dBm			-		M	1[1]		-55,79 dB) 950,3140 MH		
0 dBm							-			
-10 dBm	D1 -13.000	dBm			-					
-20 dBm					-					
-30 dBm		<u></u>			-					
-40 dBm										
-50 dBm									M1	
60 Bmar		and the second					-	College Institution		
-70 dBm										
-80 dBm			_							

Date: 13.JAN.2017 19:24:17



Report No.: SZEM170100023101 Page: 205 of 235

Spectru	a former and the second								En ∇
Ref Levi	el 15.00 dBn 20 dB			RBW 1 MHz VBW 3 MHz		uto Sweep			
1Pk Max.				1.1.1.1	-				
10 dBm					N	11[1]	Y		39.34 d8m 00990 GH7
0 dBm					1				
-10 dBm—	+D1 -13.000	dBm							
-20 dBm—			-						
-30 dBm—									
-40 dBm—			MI						
-50 dBm—			a size of best	March Lines at the a share	hale the books a structure	underlie de la	معدون فالتربين القار	an en anna an an Anna Anna Anna Anna Anna Anna	
-60 dBm—			ner lå sam ha his höre	A STREET AND A STREET AND A STREET				Mary and the second	
-70 dBm—					A				
-80 dBm—									
Start 1.0	GHz			2000)1 pts	1		Stop	10.0 GHz
					Mea	asuring			13.01.2017 19:03:36

Date: 13.JAN.2017 19:03:36



Report No.: SZEM170100023101 Page: 206 of 235

Att 1Pk Max	25 di	SWT	30 ms 💣 V	BW 3 MHz	Mode Au	uto Sweep			
10 dBm					M	1[1]	Y		45.96 dBm 40250 GHz
) dBm									
10 dBm	D1 -13.000	dBm—			-				
20 d8m		-			-				
30 dBm									
40 dBm									M
FQ. data year				an a	nasilila stardi Samaganasan	Mar ash a gall	A STREET STREET STREET	and diller restrictions Memory works any option	ala dillation and
-60 dBm									
-70 dBm				11					
-80 dBm									

Date: 13.JAN.2017 19:18:26



Report No.: SZEM170100023101 Page: 207 of 235

1Pk Max	A 17 11 1		C						
10 dBm					M	1[1]	i		-56.90 d8m 5.6060 MH7
0 dBm			-			-			
-10 dBm	D1 -13.000	dBm							
-20 dBm		-						-	
-30 dBm			-						
-40 dBm—									
-50 dBm						<u></u>	· · · · · · · ·	MI	
-69 (Pm	Regiment of the						And a distance of the	the second at the second	Line Harth
-70 dBm	101-001-101		1						
-80 dBm		<u></u>		1					
-80 dBm-	MUT			2000	1 nts			Qt/	op 1.0 GI

6.1.1.4.2 Test Channel = MCH

Date: 13.JAN.2017 19:24:41



Report No.: SZEM170100023101 Page: 208 of 235

Spectrur	n									
Ref Leve Att	15.00 dB 20 c			RBW 1 MH		uto Sweep				
1Pk Max	1	2								
10 dBm		-			M1[1] -39 3.751					
0 dBm	-	-	-				-			
-10 dBm—	D1 -13.00	0 dBm	_		-					
-20 dBm—		-								
-30 dBm—	-									
-40 dBm—			MI			-	-			
-50 dBm—		at a state	and and a failed	Million Jonathanki	unit desilitation		a share boil which the	العليم ويعالم ومدا	Charles being Betrels July	
460 dBm—	Constitution of Annual Constitution	hite sector as a sector that	and and a determinant of the sec	And the second			Brock Lage 1 (1979) and 1979 and 1979	t had a third a shift of the	a de la desta de la compositiva de la c	
-70 dBm—			-				-			
-80 dBm			_							
Start 1.0	GHz	-		200	01 pts	4		Stop	0 10.0 GHz	
					Me	asuring		-	13.01.2017 19:02:45	

Date: 13.JAN.2017 19:02:45



Report No.: SZEM170100023101 Page: 209 of 235

Att	el 15.00 dBn 25 di		5.00 dB 👄 I 30 ms 🖝 '	VBW 3 MHz		uto Sweep			
1Pk Max	-	-			r				
10 dBm	-				M	11[1]			45.62 dBm 61750 GHz
0 dBm			-						
-10 dBm—	D1 -13.000	dBm——		-	-				
-20 dBm—							_		
-30 dBm—							_	_	
-40 dBm—			_						M
SD. ASHAN			And a state of the local state o		and to the left of the	AND	Local test couls dots	in find for the second	North Contraction
-60 dBm—									
-70 dBm—									
-80 dBm—			-						
Start 10.0) GHz			2000	1 pts			Stor	20.0 GHz

Date: 13. JAN. 2017 19:17:53



Report No.: SZEM170100023101 Page: 210 of 235

31Pk Max	A 12.2	_				Auto FFT			
10 dBm					N	11[1]		56.08 dBm 2.3030 MHz	
0 d8m						-			
-10 dBm—	D1 -13.000	dBm							
-20 dBm—					-				
-30 dBm—		100	-						
-40 dBm—	-	P		-					
-50 dBm—									M1
TAP HERIT		The second se				interniterriterriterriterriterriterriter	-	A Constitution of the second	
-70 dBm—	(treating and a rate	as to them				-			'0
-80 dBm—				-					
Start 30.0	MHz			2000	1 pts			Sto	p 1.0 GHz

6.1.1.4.3 Test Channel = HCH

Date: 13.JAN.2017 19:25:02



Report No.: SZEM170100023101 Page: 211 of 235

Spectrur	n								▼	
Ref Leve Att	l 15.00 d 20	Bm Offse dB SWT		RBW 1 MHz VBW 3 MHz		uto Sweep				
1Pk Max	-									
10 dBm					N	M1[1]			-98,75 d8m 3,001330 GHz	
0 dBm		-	-			-		_		
-10 dBm	-D1 -13.0	00 dBm								
-20 dBm										
-30 dBm		100	-					_	-	
-40 dBm—	-	-	M1							
-50 dBm			L	and a star of the second star			a state all best as freed	م المراجع المراجع المراجع الم	the all the low old	
=60 dBm	• (1) ///////////////////////////////////			Harrison (12) has not been all the			ng bishumum bishimu ang bishi I		arpenen (area) area (beread) a	
-70 dBm				h 11						
-80 dBm										
Start 1.0	GHz	1		2000	1 pts	4	1	Stop	10.0 GHz	
					Me	asuring		444 1	13.01.2017 19:02:07	

Date: 13.JAN.2017 19:02:07



Report No.: SZEM170100023101 Page: 212 of 235

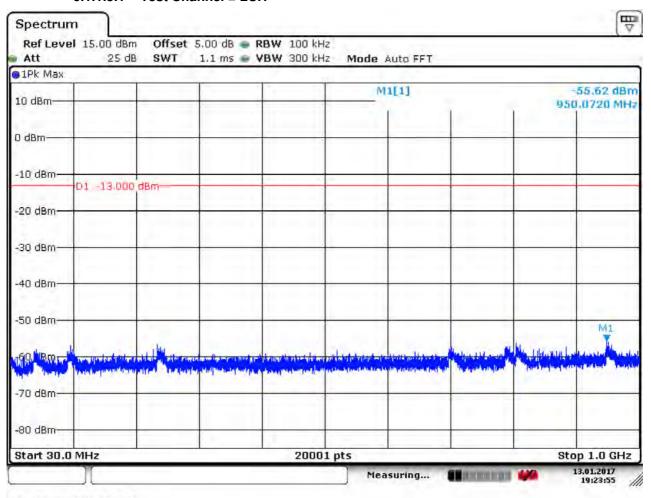
Att	25 d	B SWT	30 ms 🖝 ۷	BW 3 MHz	Mode A	uto Sweep			
10 dBm					M	11[1]	-45,96 d8n 19,934750 GH		
0 dBm									
-10 dBm	D1 -13.000	2.dBm——							
-20 dBm—					-			-	
-30 dBm			-	<u></u>					
-40 dBm—				-					M
uSQ.defeation			A standard and a standard bet	Haran Manager	the hold of the base of the second	WHAT IS A PROPERTY AND A	A delastic for constant of the	the film on the second	
-60 dBm									
-70 dBm									
-80 dBm									

Date: 13. JAN. 2017 19:17:21



Report No.: SZEM170100023101 Page: 213 of 235

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



Date: 13.JAN.2017 19:23:55



Report No.: SZEM170100023101 Page: 214 of 235

Spectru	a second second				_				∇	
Ref Lev Att	el 15.00 dBr 20 dl		5.00 dB 👄 27 ms 🖝	VBW 3 MHz		uto Sweep				
91Pk Max				1. P	-					
10 dBm					N	M1[1] -39.2 3.70189				
0 dBm			-	-	-					
-10 dBm—	-+D1 -13.000	dBm—								
-20 dBm—				-	- 1			-		
-30 dBm—				-	-					
-40 dBm—			MI							
-50 dBm—				and the state of a second	Aller	to a sector de la dela	الملاق بمعاقل () رقع ال	and all some and	and the state of the	
alou di sola ⊶ed 'd8m'—	A Manifest Legisteral	MANDAL MARKEN					ang the south stars that		A Martin grant a grant M	
-70 dBm—					4					
-80 dBm—					1					
Start 1.0	GHz			2000	01 pts	-1		Stop	10.0 GHz	
					Me	asuring		-	13.01.2017 18:59:36	

Date: 13.JAN.2017 18:59:36



Report No.: SZEM170100023101 Page: 215 of 235

Att	25 dB		5.00 dB 🖷 R 30 ms 🖶 V	BW 3 MHz		uto Sweep			
 1Pk Max 10 dBm 	F				N	11[1]	-45.94 dBn 19,881260 GH		
0 dBm		-			1				
-10 dBm—	-D1 -13.000	dBm			-				
-20 dBm—					-	-			
-30 dBm—			-						1
-40 dBm—									t M
HER deman			An and the shifter be	line of the second s	ling haal hag gang an an al an			Nala an Ilais (n. a. 118) Processorial company and th	
-60 dBm—									
-70 dBm—								-	
-80 dBm				1					

Date: 13.JAN.2017 19:18:48



Report No.: SZEM170100023101 Page: 216 of 235

Att 1Pk Max	25 dB	SWT	1.1 115	VBW 300 kH	2 moue	Auto FFT				
10 dBm	-				M1[1]			-56,46 dBn 949,3440 MH		
0 dBm	¥									
-10 dBm—	D1 -13.000	dBm			_					
-20 dBm—							-			
-30 dBm—		1000 A	-							
-40 dBm—										
-50 dBm—									MI	
-60 Bm-	A Directory of Letter State	The state of the s				tini antoin aideir	And the second second	The sector	in selection and	
-70 dBm—							<u> </u>			
-80 dBm—		-								
Start 30.0) MHz			2000	1 pts			Sto	p 1.0 GHz	

6.1.1.5.2 Test Channel = MCH

Date: 13.JAN.2017 19:23:27



Report No.: SZEM170100023101 Page: 217 of 235

Spectrur	forming in the second				_				
Att	15.00 dB 20 c			RBW 1 MHz VBW 3 MHz		uto Sweep			
1Pk Max		2-11						_	
10 dBm	-				1	11[1]	Υ.		-39,61 dBm /46890 GHz
0 dBm			-			-			
-10 dBm	D1 -13.00	10 dBm			-				
-20 dBm—			-	-	-	-	-	-	
-30 dBm			-						
-40 dBm—			NII						
-50 dBm—		-		warden Belley Archine & Million	at and the second		and the second second	القطريين والاوان و	a line and the second second
-60 dBm	elle al en ledissedent aperie en ledissedent		a the second sec	and the line of the second					
-70 dBm—	1				-				
-80 dBm									
Start 1.0	GHz			2000	1 pts			Stop	0 10.0 GHz
					Me	asuring		444	13.01.2017 19:00:27

Date: 13.JAN.2017 19:00:28



Report No.: SZEM170100023101 Page: 218 of 235

Spectrun	n								Em ⊽	
Ref Leve Att	l 15.00 dBn 25 dI		5.00 dB 👄 F 30 ms 🖝 V	BW 1 MHz BW 3 MHz		uto Sweep				
1Pk Max	A									
10 dBm					M	1[1]	Y	-46.38 dBm 19.820260 GH;		
0 dBm									+	
-10 dBm	D1 -13.000) dBm——								
-20 dBm										
-30 dBm			-							
-40 dBm									M1	
50.40mpdl		-	the effect of the desided		an andra del ava data. National composingna ma	Unite and an Lore	topper the second	A Company States and St	ALL MARCH	
-60 dBm										
-70 dBm									+	
-80 dBm										
Start 10.0	GHz			2000	1 pts	4		Stop	20.0 GHz	
					Mea	suring		-	13.01.2017 19:19:10	

Date: 13. JAN. 2017 19:19:11



Report No.: SZEM170100023101 Page: 219 of 235

Spectru Ref Lev	m el 15.00 dBr 25 d			RBW 100 kH		Auto FFT			▼	
0 1Pk Max			111 110 -		in mode	Auto PTT				
10 dBm					N	11[1]		-56,20 dBm 948,6650 MH;		
0 dBm		-	-			-				
-10 dBm—	D1 -13.00) dBm——								
-20 dBm—		-			-	-	-	-		
-30 dBm—			-					-		
-40 dBm—							-			
-50 dBm—				11			-		M1	
		apator and		and an		and the state of the stores			tention therein	
-70 dBm—										
-80 dBm—					17.					
Start 30.	0 MHz			2000	1 pts			Sto	p 1.0 GHz	
					Me	asuring	et to constitute 🖬	-	13.01.2017 19:23:00	

6.1.1.5.3 Test Channel = HCH

Date: 13.JAN.2017 19:23:00



Report No.: SZEM170100023101 Page: 220 of 235

Att	20 de	SWT	27 ms 🗑	VBW 3 MHz	Mode A	uto Sweep				
9 1Pk Max 10 dBm	-				M	11[1]	· · · · ·	-38.72 dB 3.791890 GF		
0 dBm			-							
-10 dBm—	D1 -13.000	dBm								
-20 dBm—			_	-	-					
-30 dBm—			-		1		×			
-40 dBm—			MI							
-50 dBm—			Alter Sector (and a distant	down down the barries	hand we had been all	and the last	distant of the state states	and the second of the second	all and the second second	
-60 dBm—	and a first of the second s			New York Contraction of the Cont				n serie dan serie de la constituire	in and the second s	
-70 dBm—					-					
-80 dBm—			-							
Start 1.0	GHz			2000	1 pts			Ston	10.0 GHz	

Date: 13.JAN.2017 19:01:20



Report No.: SZEM170100023101 Page: 221 of 235

Att 25 dB SWT 30 ms VBW 3 MHz Mode Auto Sweep 1Pk Max 10 dBm 0 dBm			
10 dBm-	-46.48 dBm 19.920250 GHz		
D dBm			
5 (5).1			
-10 dBm			
-20 dBm			
-30 dBm			
-40 dBm	M		
	والأفريب المعروب والمحاصل والمساوية والمحاصر والمحاص		
-60 dBm			
-70 dBm-			
-80 dBm			
Start 10.0 GHz 20001 pts	Stop 20.0 GHz		

Date: 13.JAN.2017 19:19:34



Report No.: SZEM170100023101 Page: 222 of 235

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

Spectru Ref Lev	el 15.00 dBn			RBW 100 kH		to atta			
• Att • 1Pk Max	25 di	SWT	1.1 ms 🖷	VBW 300 kH	z Mode	Auto FFT			
10 dBm					M	1	ĩ		-56.05 dBm 9.7180 MHz 1
0 dBm			-		1				
-10 dBm—	D1 -13.000	dBm			-				
-20 dBm—								-	
-30 dBm—				-	-				
-40 dBm—	-								
-50 dBm—	-					1	1		
-60 18 0m	and array of the line of	arret a stru					-	Manda and and	A Restored Anterest
-70 dBm—		an di			1012.001	T to t have			
-80 dBm—			-		-				
Start 30.	0 MHz			2000	1 pts	1		Ste	op 1.0 GHz
					Mea	asuring	ut transment in 📰	-	13.01.2017 19:21:27

Date: 13.JAN.2017 19:21:27



Report No.: SZEM170100023101 Page: 223 of 235

Spectru	and a second sec								[Ţ
Ref Levi	el 15.00 dBr 20 d			RBW 1 MHz VBW 3 MHz		uto Sweep			
91Pk Max.		_		1. A					
10 dBm					N	11[1]	Ť.		39,58 dBm 02340 GH7
0 dBm		-	-			-			
-10 dBm—	D1 -13.00	D.dBm							
-20 dBm—						-	-		
-30 dBm—							*		
-40 dBm—			M1						
-50 dBm—	Topidald, top (Ale	a ha beki	and the state of the state	وي المراجعة	and the second design of the		value of malane 1 and	(In contract of the loss	ومتعاطية واستجلي ما
-60 dBm—	Trepresident den spilleten Hinderscharte an er Man		ingen ander der der der der der	ne negerte ^{nt de} trocht ^{en}			and a fair and free and free and the		All and a second se
-70 dBm—	1			11					
-80 dBm—	4		-		· ·				
Start 1.0	GHz			2000	1 pts			Stop	0 10.0 GHz
					Me	asuring	COCK INCOME.		13.01.2017 18:58:49

Date: 13.JAN.2017 18:58:50



Report No.: SZEM170100023101 Page: 224 of 235

Spectrun	n								E
Ref Leve Att	1 15.00 dB 25 (5.00 dB 👄 1 30 ms 🖝 1	RBW 1 MHz VBW 3 MHz		uto Sweep			
1Pk Max	1.17	1		1.1					
10 dBm					N	11[1]	í.		45,54 d8m 43750 GHz
0 dBm		-	-						
-10 dBm	D1 -13.00	0 dBm							
-20 dBm	-							-	-
-30 dBm			-						
-40 dBm		_							M
150 domain	lat suffer along	and the second second		In the second particular	i fi falat Mary Boundar	Harman Carlos		and and the second	All south and the
-60 dBm									
-70 dBm	-				-				
-80 dBm				2			-		
Start 10.0	GHz			2000	1 pts			Stop	20.0 GHz
	JI				Me	asuring		-	13.01.2017 19:20:55

Date: 13.JAN.2017 19:20:55



Report No.: SZEM170100023101 Page: 225 of 235

Att	el 15.00 dBr 25 di			RBW 100 kH VBW 300 kH		Auto FFT			
1Pk Max	1			1.	M	11[1]			-55.77 dBm
10 dBm						1	i.e.	L R	10.1080 MHz
0 dBm	+		-						
-10 dBm—	-D1 -13.000	dla			-				-
-20 dBm—	-13.000								
-30 dBm—			_		1		-		
-40 dBm—									
-50 dBm—	-		-				,	11	
-59 ¹¹ '80777	an hand a start						Mangara and	The second second	the short line by the
-70 dBm—									
-80 dBm—			-						
Start 30.	0 MHz			2000	1 pts			S	top 1.0 GHz

6.1.1.6.2 Test Channel = MCH

Date: 13.JAN.2017 19:22:06



Report No.: SZEM170100023101 Page: 226 of 235

Spectrur	i manage in the second second								∇
Ref Leve Att	15.00 dBm 20 dB			RBW 1 MHz VBW 3 MHz		uto Sweep			
91Pk Max									
10 dBm					M	11[1]	Y.		39,20 dBm 42390 GH7
0 dBm			-	-			-		
-10 dBm—	D1 -13.000	dBm			-				
-20 dBm—	-		-	-				-	
-30 dBm—				-					
-40 dBm—			MIL				-		
-50 dBm—			althouse brainstram	all strategic and particular	alle belle	and takes office	realized and the second	and the state of t	al the state of the state
-60 dBm-	nte fallte - konten des filse heren fransk neder af des falle							h paranting paratikes (114)	
-70 dBm—									
-80 dBm—					·				
Start 1.0	GHz			2000	1 pts	1		Stop	10.0 GHz
					Mea	asuring		440 3	13.01.2017 18:56:54

Date: 13.JAN.2017 18:56:55



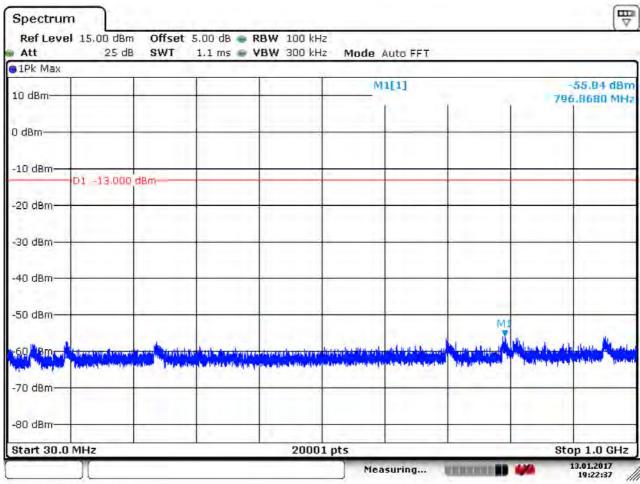
Report No.: SZEM170100023101 Page: 227 of 235

Att 1Pk Max	25 dB	SWT	30 ms 🖝 🤊	BW 3 MHz	MODE AL	uto Sweep			-	
10 dBm					M	11[1]	Y.	-46.54 d8m 19,920250 GHz		
0 dBm										
-10 dBm—	-D1 -13.000 d	IBm			-					
-20 dBm—		-						-		
-30 dBm		<u></u>	-							
-40 dBm—									м	
ED ADDNAL					na la selectore de la constance de la seconda de la constance de la constance de la constance de la constance d Persoana de la constance de la c		Marchlend Hulle	liki mada (sa m _a adan Tagang menanggana	lund and	
-60 dBm—		4								
-70 dBm—					_					
-80 dBm										

Date: 13. JAN. 2017 19:20:34



Report No.: SZEM170100023101 Page: 228 of 235



6.1.1.6.3 Test Channel = HCH

Date: 13.JAN.2017 19:22:37



Report No.: SZEM170100023101 Page: 229 of 235

Spectrun	County in the same	land of the second							
Ref Leve Att		Bm Offse dB SWT		RBW 1 MHz VBW 3 MHz		uto Sweep			
1Pk Max									
10 dBm					N	M1[1]	Ť.		-98.85 dBm /82440 GHz
0 dBm		-				-	-		
-10 dBm	D1 -13.0	00 dBm							
-20 dBm		-	-				-	-	
-30 dBm		-					-		
-40 dBm			11						
-50 dBm			and an allocation	dlad I. In malifieder and the	A the second	and productify	with a sustained and	La contrata a constante	and shall to shall the state
-ou dBm	n that sharp araise and a sharp		Server a server by server	Andre			and the factor of the second se	State of the second	a ^{all} and ^a lla partie diserts
-70 dBm									
-80 dBm	1								
Start 1.0 (GHz			2000	1 pts	-		Stop	0 10.0 GHz
	I				Me	asuring		-	13.01.2017 18:58:15

Date: 13.JAN.2017 18:58:16



Report No.: SZEM170100023101 Page: 230 of 235

IPk Max	A			1. A.		10 - C - C - C - C - C - C - C - C - C -			
10 dBm					M	1[1]	Y		-44,91 d8m)67750 GHz
0 dBm					-				1.
-10 dBm-	-D1 -13.000	dBm							
-20 dBm—		-							
-30 dBm—		<u>A</u>	-						
-40 dBm—									M
-50 dp hu			han a start of the	A Landra Martin and Ala	Harden Harden and		A Constitution of the second sec	and a solice of the second	Mar Mar
-60 dBm—									
-70 dBm—									

Date: 13.JAN.2017 19:20:01



Report No.: SZEM170100023101 Page: 231 of 235

7 Field Strength of Spurious Radiation

7.1 For LTE

7.1.1 Test Band = LTE band2

7.1.1.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1111.000	-66.73	-13.00	-53.73	Vertical
1463.000	-66.75	-13.00	-53.75	Vertical
2368.000	-59.33	-13.00	-46.33	Vertical
2456.000	-57.43	-13.00	-44.43	Horizontal
3975.000	-68.50	-13.00	-55.50	Horizontal
6510.000	-66.40	-13.00	-53.40	Horizontal

Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
1111.000	-66.72	-13.00	-53.72	Vertical
2648.000	-57.72	-13.00	-44.72	Vertical
5340.000	-67.94	-13.00	-54.94	Vertical
437.400	-77.75	-13.00	-64.75	Horizontal
1463.000	-66.30	-13.00	-53.30	Horizontal
6705.000	-66.54	-13.00	-53.54	Horizontal

7.1.1.1.2 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Over Limit (dB)	Polarization
2632.000	-57.99	-13.00	-44.99	Vertical
4365.000	-68.47	-13.00	-55.47	Vertical
6802.500	-66.32	-13.00	-53.32	Vertical
1221.000	-67.24	-13.00	-54.24	Horizontal
1694.000	-64.69	-13.00	-51.69	Horizontal
4950.000	-67.17	-13.00	-54.17	Horizontal

1) NOTE:

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



Report No.: SZEM170100023101 Page: 232 of 235

8 Frequency Stability

8.1 Frequency Error VS. Voltage

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				VL	-3.95	-0.00212	PASS
		LCH	TN	VN	4.62	0.00249	PASS
				VH	2.30	0.00124	PASS
				VL	-2.39	-0.00127	PASS
	LTE/TM1 20MHz	MCH	TN	VN	2.55	0.00136	PASS
				VH	-0.84	-0.00045	PASS
				VL	-6.08	-0.00320	PASS
		HCH	TN	VN	-2.31	-0.00122	PASS
				VH	-5.43	-0.00286	PASS
	LTE/TM2 20MHz	LCH	TN	VL	6.62	0.00356	PASS
				VN	5.44	0.00293	PASS
				VH	-5.54	-0.00298	PASS
		мсн		VL	0.01	0.00000	PASS
LTE Band 2			TN	VN	-2.26	-0.00120	PASS
				VH	-6.41	-0.00341	PASS
			TN	VL	6.07	0.00319	PASS
		HCH		VN	6.65	0.00350	PASS
				VH	2.84	0.00150	PASS
				VL	3.10	0.00167	PASS
		LCH	TN	VN	4.93	0.00265	PASS
				VH	-1.89	-0.00102	PASS
				VL	-2.18	-0.00116	PASS
	LTE/TM3 20MHz	MCH	TN	VN	-0.07	-0.00004	PASS
				VH	-3.62	-0.00193	PASS
				VL	5.02	0.00264	PASS
		HCH	TN	VN	-2.05	-0.00108	PASS
				VH	-4.14	-0.00218	PASS



Report No.: SZEM170100023101 Page: 233 of 235

8.2 Frequency Error VS. Temperature

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-30	-0.95	-0.00051	PASS
				-20	6.07	0.00327	PASS
				-10	5.92	0.00318	PASS
				0	3.42	0.00184	PASS
		LCH	VN	10	-0.12	-0.00007	PASS
				20	-1.48	-0.00080	PASS
				30	1.44	0.00077	PASS
				40	0.43	0.00023	PASS
				50	2.88	0.00155	PASS
				-30	-4.38	-0.00233	PASS
				-20	-1.46	-0.00077	PASS
				-10	3.72	0.00198	PASS
				0	6.43	0.00342	PASS
LTE Band 2	LTE/TM1 20MHz	MCH	VN	10	-5.63	-0.00299	PASS
			-	20	6.93	0.00369	PASS
				30	-2.84	-0.00151	PASS
				40	4.16	0.00221	PASS
				50	-4.97	-0.00264	PASS
				-30	-1.65	-0.00087	PASS
				-20	0.85	0.00045	PASS
				-10	-2.06	-0.00108	PASS
				0	-2.86	-0.00151	PASS
		HCH	VN	10	3.12	0.00164	PASS
				20	0.92	0.00049	PASS
				30	-3.78	-0.00199	PASS
				40	6.45	0.00340	PASS
				50	6.16	0.00324	PASS



Report No.: SZEM170100023101 Page: 234 of 235

	Paye. 234 01 235						
Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
LTE Band 2	LTE/TM2 20MHz	LCH	VN	-30	3.13	0.00168	PASS
				-20	-5.99	-0.00322	PASS
				-10	1.90	0.00102	PASS
				0	-2.01	-0.00108	PASS
				10	-0.14	-0.00008	PASS
				20	2.31	0.00124	PASS
				30	2.12	0.00114	PASS
				40	3.73	0.00200	PASS
				50	-1.50	-0.00081	PASS
		МСН	VN	-30	-5.64	-0.00300	PASS
				-20	1.90	0.00101	PASS
				-10	2.50	0.00133	PASS
				0	-5.16	-0.00274	PASS
				10	5.70	0.00303	PASS
				20	1.73	0.00092	PASS
				30	-2.09	-0.00111	PASS
				40	-1.32	-0.00070	PASS
				50	-4.99	-0.00266	PASS
		НСН	VN	-30	-6.35	-0.00334	PASS
				-20	3.41	0.00179	PASS
				-10	3.74	0.00197	PASS
				0	6.11	0.00322	PASS
				10	4.91	0.00258	PASS
				20	-0.03	-0.00002	PASS
				30	-1.60	-0.00084	PASS
				40	0.40	0.00021	PASS
				50	3.87	0.00204	PASS



Report No.: SZEM170100023101 Page: 235 of 235

	Page: 235 01 235						
Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
	LTE/TM3 20MHz	LCH	VN	-30	5.07	0.00272	PASS
				-20	-4.69	-0.00252	PASS
				-10	-4.45	-0.00239	PASS
				0	4.01	0.00216	PASS
				10	5.65	0.00304	PASS
				20	-3.59	-0.00193	PASS
				30	-4.76	-0.00256	PASS
				40	-5.77	-0.00310	PASS
				50	-6.79	-0.00365	PASS
		МСН	VN	-30	4.26	0.00226	PASS
				-20	3.27	0.00174	PASS
				-10	-6.60	-0.00351	PASS
				0	-1.42	-0.00076	PASS
LTE Band 2				10	1.35	0.00072	PASS
				20	-4.47	-0.00238	PASS
				30	-5.79	-0.00308	PASS
				40	0.22	0.00012	PASS
				50	1.57	0.00083	PASS
		НСН	VN	-30	4.54	0.00239	PASS
				-20	-3.70	-0.00195	PASS
				-10	1.87	0.00098	PASS
				0	-1.50	-0.00079	PASS
				10	6.09	0.00320	PASS
				20	0.85	0.00045	PASS
				30	-3.70	-0.00195	PASS
				40	-4.91	-0.00258	PASS
				50	-1.94	-0.00102	PASS

The End