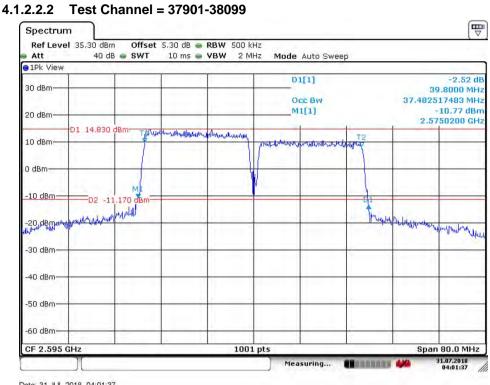
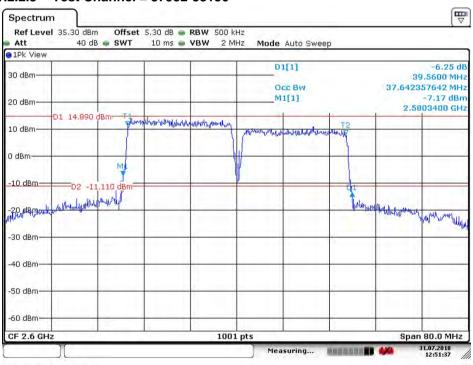


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Date: 31.JUL.2018 04:01:37

4.1.2.2.3 Test Channel = 37952-38150

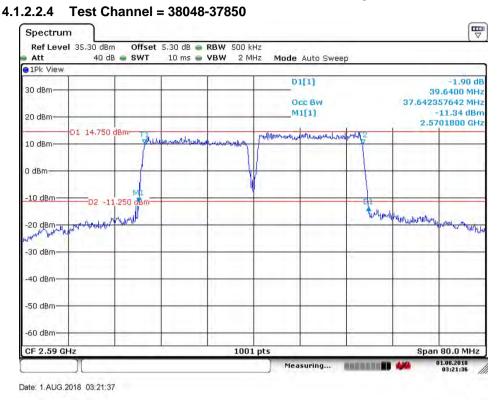


Date: 31.JUL.2018 12:51:38

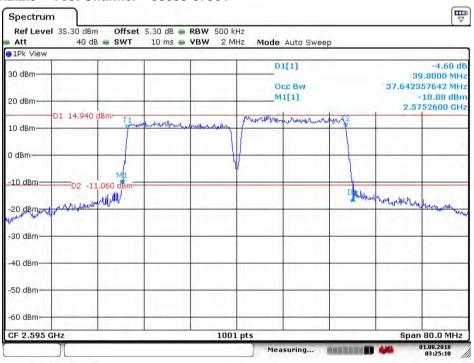
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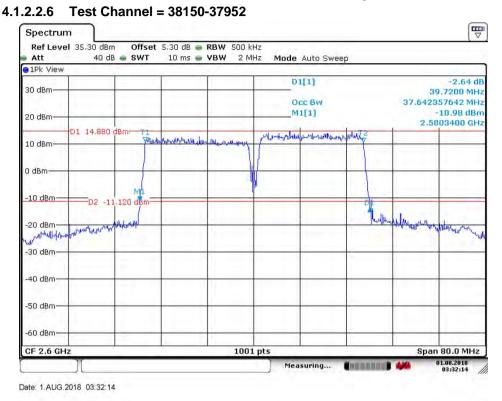
4.1.2.2.5 Test Channel = 38099-37901



Date: 1.AUG.2018 03:25:11

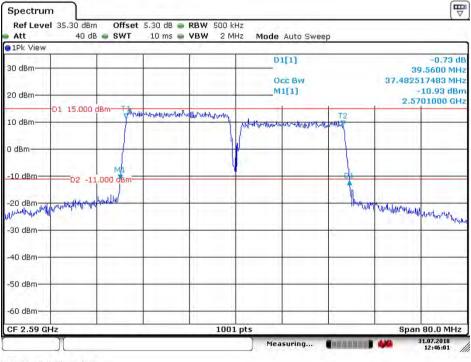


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4.1.2.3 Test Mode = LTE/TM3

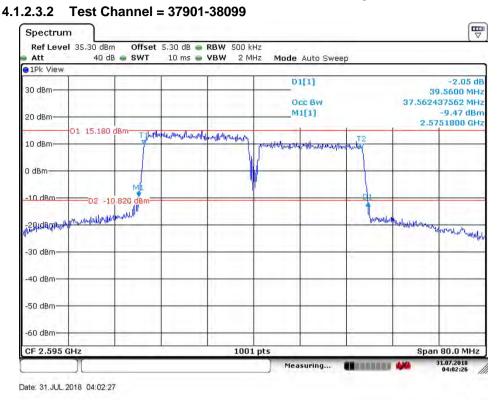
4.1.2.3.1 Test Channel = 37850-38048



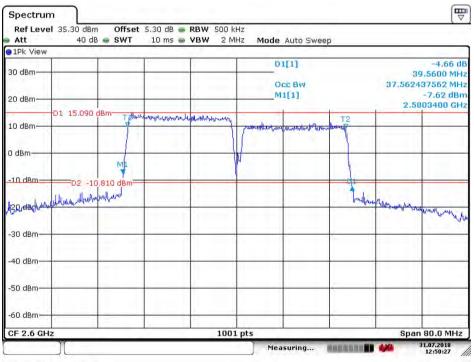
Date: 31.JUL.2018 12:46:01



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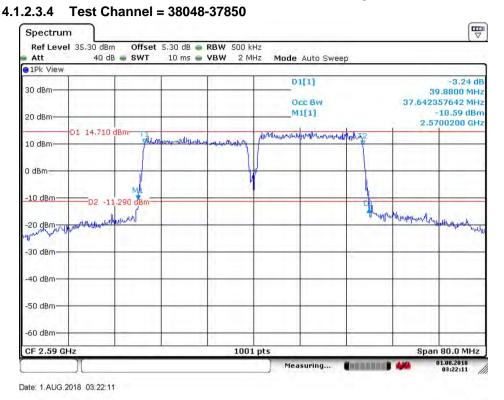
4.1.2.3.3 Test Channel = 37952-38150



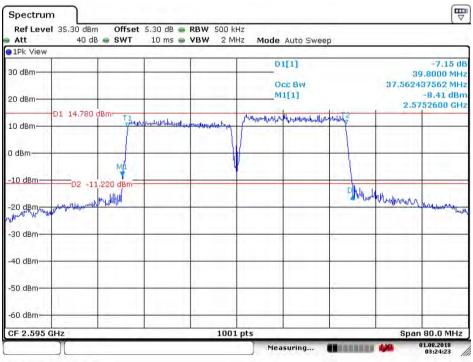
Date: 31.JUL.2018 12:50:28



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4.1.2.3.5 Test Channel = 38099-37901



Date: 1.AUG.2018 03:24:23



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4.1.2.3.6 Test Channel = 38150-37952 ₽ Spectrum Ref Level 35.30 dBm Offset 5.30 dB 👄 RBW 500 kHz Att 40 dB 🖷 SWT 10 ms 👄 VBW 2 MHz Mode Auto Sweep 01Pk View D1[1] -1.79 dB 30 dBm-39.9600 MHz Occ BW 37.562437562 MHz M1[1] -10.41 dBm 20 dBm-2.5803400 GHz 01 15,150 dBmhad with an anone more thank moundly lit 10 dBm-0 dBm--10 dBm--D2 -10,850 db Mundament and the second states and the -20 dBm -30 dBm -40 dBm--50 dBm--60 dBm-CF 2.6 GHz 1001 pts Span 80.0 MHz 01.08.2018 03:32:50 Measuring... illeannes 🖊

Date: 1.AUG.2018 03:32:50



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5 Band Edges Compliance

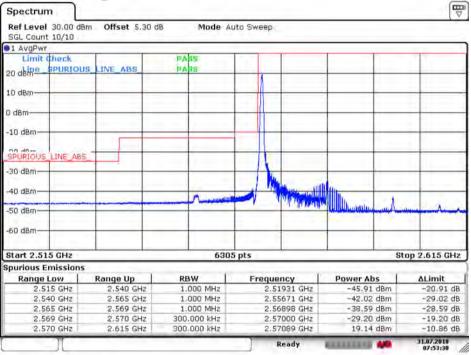
5.1 For LTE_CA_38C

5.1.1 Test Band = Bandwidth=75RB+75RB

5.1.1.1 Test Mode = LTE/TM1

5.1.1.1.1 Test Channel = 37825-37975

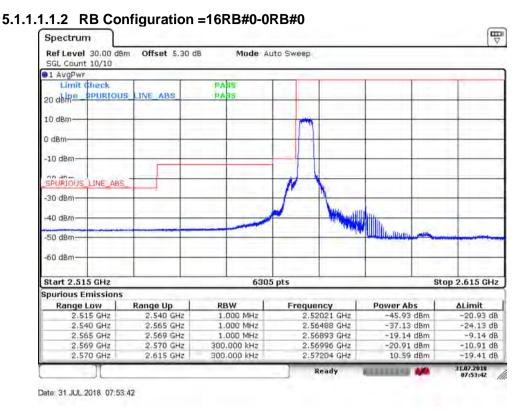
5.1.1.1.1.1 RB Configuration =1RB#0-0RB#0



Date: 31 JUL 2018 07:53:30



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5.1.1.1.1.3 RB Configuration =75RB#0-75RB#0

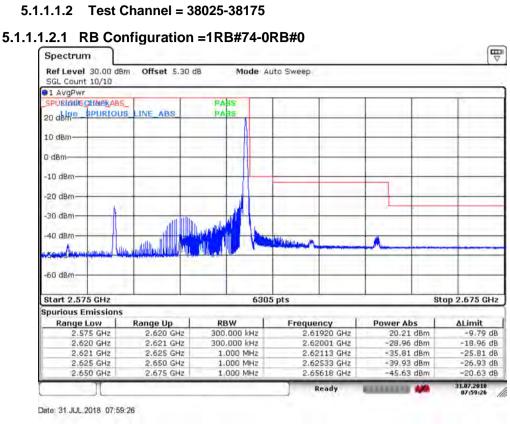
THE REAL Spectrum Ref Level 30.00 dBm Offset 5.30 dB Mode Auto Sweep SGL Count 10/10 1 AvgPwr Imit Check PAR 20 defi SPURIOUS LINE ABS DARS 10 dBm 0 dBm ather had been -10 dBm SPURIOUS INE ABS -30 dBm Walter Walter Hard 40 dBm SO dBm--60 dBm-Start 2.515 GHz 6305 pts Stop 2.615 GHz Spurious Emissions Range Low Range Up RBW Erequency 2.53974 GHz Power Abs **∆Limit** 1.000 MHz 2.540 GHz -40.31 dBm ~15.31 dB 2.515 GHz 2.565 GHz 2.540 GHz 1.000 MHz 2.56235 GHz -27.76 dBm -14.76 dB 2.565 GHz 2,569 GHz 1.000 MHz 2.56797 GHz 2.56997 GHz -27.36 dBm -34.07 dBm -17.36 dB -24.07 dB 2.570 GHz 2.569 GHz 300.000 kHz 570 GHz 2.615 GHz 300.000 kHz 2.57228 GHz -28.92 dB 1.08 dBm 31.07.2018 Ready 11112 07:55:05

Date: 31.JUL 2018 07:55:05

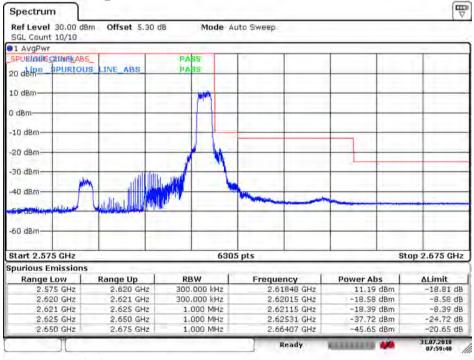
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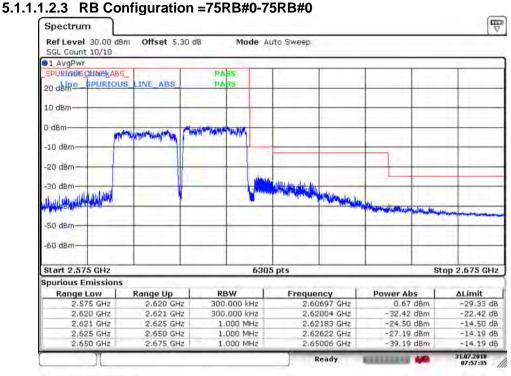
5.1.1.1.2.2 RB Configuration =16RB#59-0RB#0



Date: 31.JUL 2018 07:59:40



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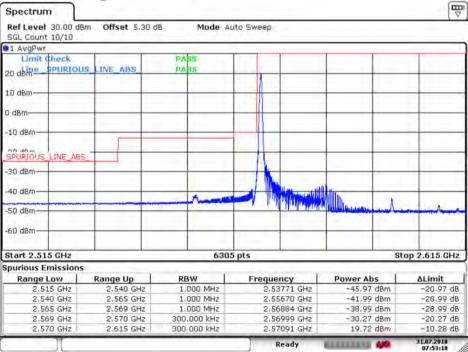


Date: 31.JUL 2018 07:57:36

5.1.1.2 Test Mode = LTE/TM2

5.1.1.2.1 Test Channel = 37825-37975

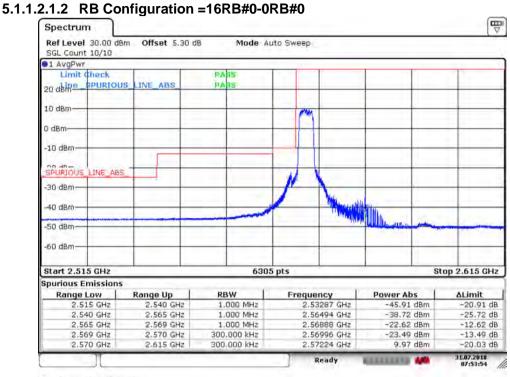
5.1.1.2.1.1 RB Configuration =1RB#0-0RB#0



Date: 31 JUL 2018 07:53:18



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Date: 31.JUL 2018 07:53:54

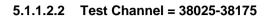
5.1.1.2.1.3 RB Configuration =75RB#0-75RB#0

Spectrum										1
Ref Level 30.00 SGL Count 10/10	analysis in the state of the state	90 dB	Mode A	uto Swee	ep 🛛	-				
1 AvgPwr										
Limit Check 20 dbine_\$PURI	OUS LINE ABS	PA PA								
10 dBm					-			-		
0 dBm				1	erery to	and a state of the	Water A service of the	-		
-10 dBm			/						-	-
SPURIOUS LINE	ABS		A LUCKE AND			_				
-40 dBm			A Description of the second second							Nin Marine States
-50 dBm										
-60 dBm	-			-						
Start 2.515 GHz	0		6303	5 pts	- '				Stop :	2.615 GHz
Spurious Emissio	ns	-							-	
Range Low	Range Up	RE	w I	Fred	quen	cy [Power Ab	s	1 .	۵Limit
2.515 GHz		1.	JOO MHz			49 GHz	-41.68	dBm	1	~16.68 dB
2.540 GHz			000 MHz			78 GHz	-31.64			-18.64 dB
2,565 GHz			300 MHz			781 GHz	-31.23			-21.23 dB
2.569 GHz 2.570 GHz			000 kHz 000 kHz	2.56997 GHz 2.57476 GHz			-37.72		-	-27.72 dB -30.51 dB
JI]	Re	ady		-	2	07:54:51

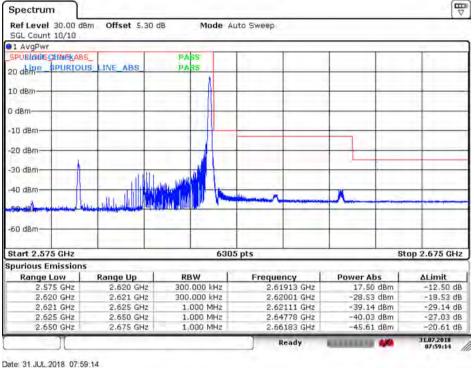
Date: 31.JUL 2018 07:54:51



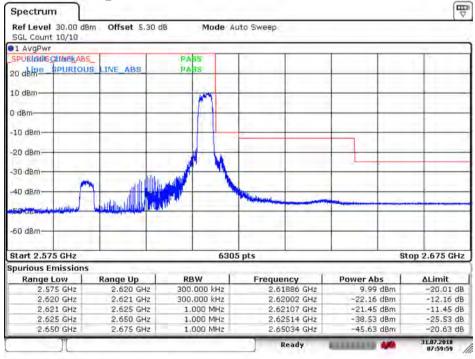
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5.1.1.2.2.1 RB Configuration =1RB#74-0RB#0



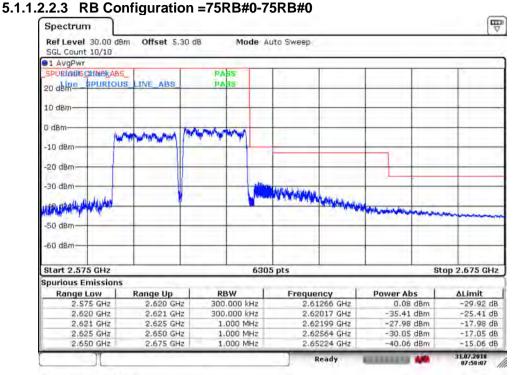
5.1.1.2.2.2 RB Configuration =16RB#59-0RB#0



Date: 31 JUL 2018 08:00:00



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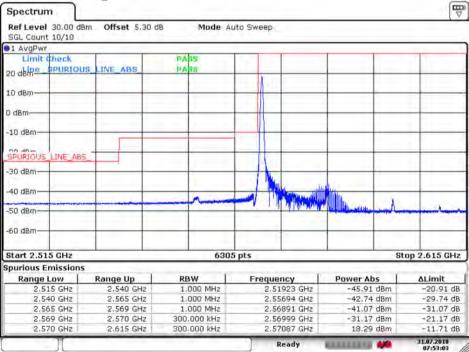


Date: 31.JUL 2018 07:58:07

5.1.1.3 Test Mode = LTE/TM3

5.1.1.3.1 Test Channel = 37825-37975

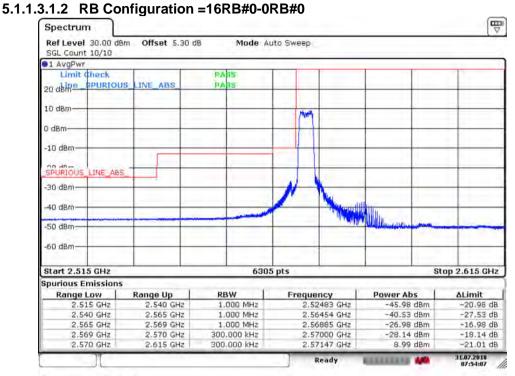
5.1.1.3.1.1 RB Configuration =1RB#0-0RB#0



Date: 31 JUL 2018 07:53:03



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Date: 31.JUL 2018 07:54:07

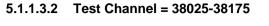
5.1.1.3.1.3 RB Configuration =75RB#0-75RB#0

Spectrum				1000 E. 10						1
Ref Level 30.0 SGL Count 10/1		Offset 5.3	90 dB	Mode A	uto Sw	eep				
1 AvgPwr	-			-		_				
Limit Check	the second second	VE_ABS	PA PA		1					
10 dBm	-			_			_		-	-
0 dBm	-					MAYAN	-	Property and and	North New York	
-10 dBm										
SPURIOUS LINE	ABS									
-30 dBm			and the second design of the						Long	Him Him Handson
-50 dBm						-	-			
-60 dBm	-			1	1					1
Start 2.515 GH	z			630	5 pts	_	-		Sto	p 2.615 GHz
Spurious Emissi	ions		-						-	
Range Low	Ra	nge Up	RE	w I	Fr	eque	ncy	Power Ab	s	ΔLimit
2.515 GH	z	2,540 GH	2 1.	000 MHz		2.53	1986 GHz	-40.89	dBm	~15.89 dB
2.540 GH		2.565 GH		000 MHz			381 GHz	-30.76		-17.76 dB
2,565 GH		2.569 GH		000 MHz	2.56805 GHz		-30,65		-20.65 dB	
2.569 GH 2.570 GH		2.570 GH		000 kHz	-		994 GHz 352 GHz	-36.94		-26.94 dt
11					- 1	P	teady		-	31.07.2018 07:54:26

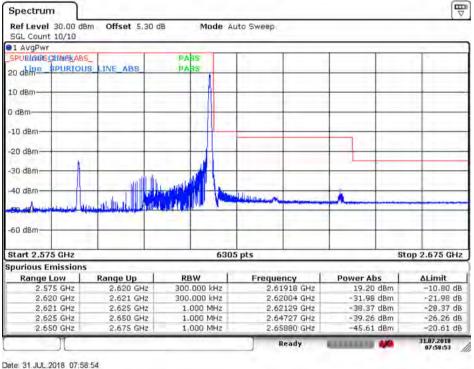
Date: 31.JUL 2018 07:54:26



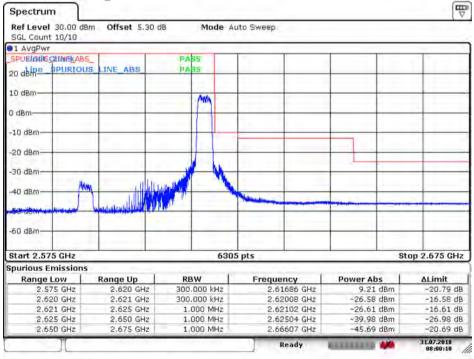
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5.1.1.3.2.1 RB Configuration =1RB#74-0RB#0



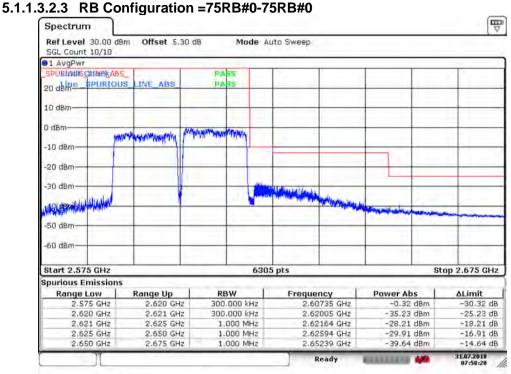
5.1.1.3.2.2 RB Configuration =16RB#59-0RB#0



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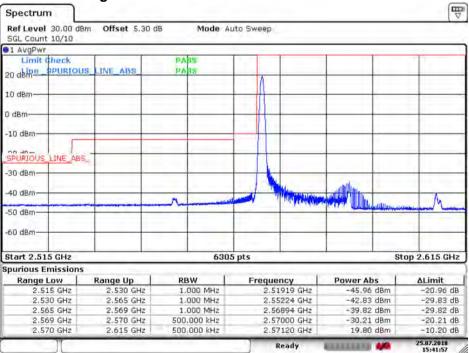
Date: 31.JUL 2018 07:58:20

5.1.2 Test Band = Bandwidth=100RB+100RB

5.1.2.1 Test Mode = LTE/TM1

5.1.2.1.1 Test Channel = 37850-38048

5.1.2.1.1.1 RB Configuration =1RB#0-0RB#0

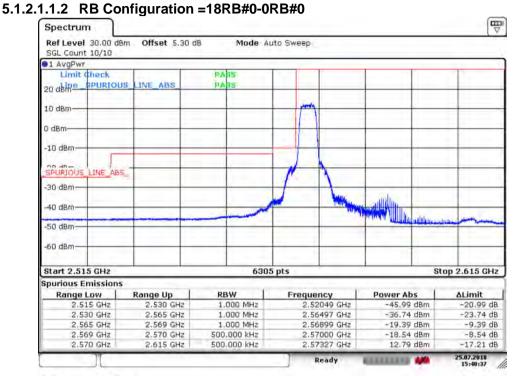


Date: 25.JUL 2018 15:41:57



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 $\overline{}$



Date: 25 JUL 2018 15:40:37

5.1.2.1.1.3 RB Configuration =100RB#0-100RB#0

1 AvgPw			_		-	_						-
	Check SPURIOUS	LINE_ABS	PA85 PA85									
10 dBm			-	_	-	_	_	-	_	-	-	
0 d8m			12			-	and the state of the	1 million	Pres	and the state of t		
00 40-	LINE ABS	-		_								
-30 dBm		and the second second second	NAME AND DESCRIPTION		itallindi Marine M		_		-	-		Veradi
50 dBm-			-			-			_	-	-	_
-60 dBm—												
Start 2.5	15 GHz	· · · · · · · · · · · · · · · · · · ·		6305	pts					St	op 2.615	5 GHz
purious E Range	missions	Range Up	RBW	. I.	Er	eque	neu [Des	uar A	ie I	ALINA	1+
2.5	15 GHz 30 GHz	2.530 GHz 2.565 GHz	1.000			2.52	2932 GHz 5233 GHz	-41.10 dBm -27.90 dBm		dBm	△Limit ~16.10 di ~14.90 di	
2.5	65 GHz	2,569 GHz	1.000	MHz		2.56	5648 GHz	-	-26,69	dBm	-16.	69 dB
2.5	69 GHz	2.570 GHz	500.00	D kHz		2.56	5902 GHz 7410 GHz	-	-32.14	dBm		14 dB 36 dB

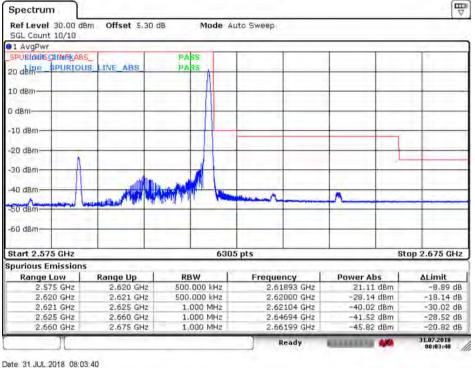
Date: 25.JUL 2018 15:36:58



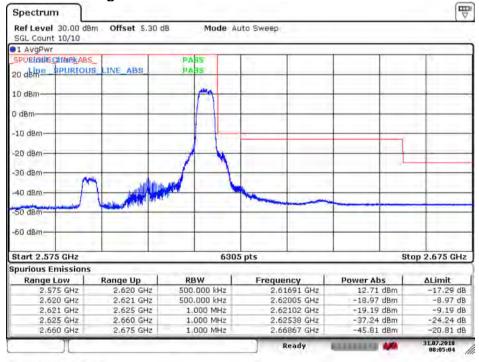
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5.1.2.1.2.1 RB Configuration =1RB#0-0RB#0



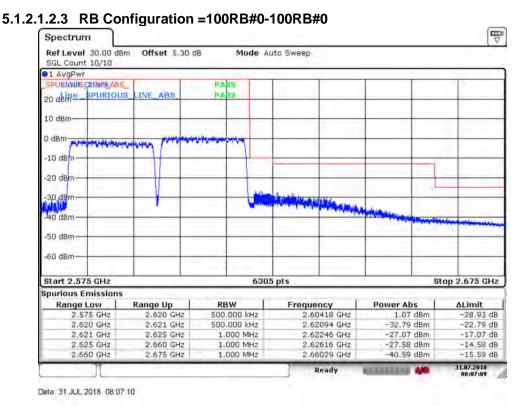
5.1.2.1.2.2 RB Configuration =18RB#82-0RB#0



Date: 31.JUL 2018 08:05:04



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5.1.2.2 Test Mode = LTE/TM2

5.1.2.2.1 Test Channel = 37850-38048

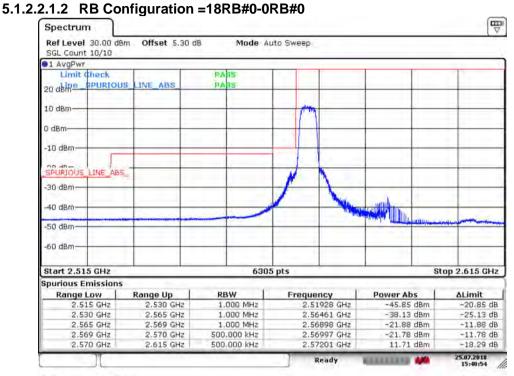
5.1.2.2.1.1 RB Configuration =1RB#0-0RB#0

Spectrum Ref Level 30.0		Offset 5.3	0 48	Mode At	the Church		_			Ţ	
SGL Count 10/:		Onset 5.5	0 06	MOUE AL	TO SWE	eh.					
1 AvgPwr	_										
Limit Chec 20 dbme_\$PUR	k	LINE ABS	PA								
20 dBm											
10 dBm	_	-	_			-			-		
) dBm		-		-		-		-	-	-	
10 dBm	_					-					
SPURIOUS LINE	ABS		-			-	-	-		-	
30 dBm			_	-		-				-	
40 dBro			-				and sold performance	and the second		1	
50 dBm			^_		-		in the second second	and the second second	Willow	may and time	
60 dBm	-		_			-	-	-		-	
Start 2.515 GH	z			6303	5 pts	_		_	St	op 2.615 GHz	
purious Emiss	ions					_	_		-		
Range Low	1.1	Range Up	R	sw	Fre	que	ncy	Power Al	os	ΔLimit	
2.515 GH	lz	2.530 GHa		000 MHz			908 GHz	-45.97		~20.97 dB	
2.530 GH		2.565 GHz		000 MHz			257 GHz	-42.72		-29,72 dB	
2.565 GH		2.569 GHz		000 MHz			892 GHz	-40.01		-30.01 dB	
2.569 GH 2.570 GH		2.570 GHz 2.615 GHz		.000 kHz .000 kHz			999 GHz 098 GHz	-30.55	1991.990.000	-20.55 dB -11.12 dB	
71			-		1	R	teady	COLUMN 2 1	-	31.07.2018 08:02:50	

Date: 31 JUL 2018 08:02:50



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Date: 25.JUL 2018 15:40:54

5.1.2.2.1.3 RB Configuration =100RB#0-100RB#0

Limit d												
												-
20 deme	heck PURIOUS	LINE ABS	PA								1	
10 dBm						_		-	_	-	-	
0 dBm	-	-			1	-	-	-	Printer	in the second second	manne	0
-10 dBm			_						-			
SPURIOUS						-				-	-	+
-30 dBm	-	en standipulation		No-ANDINE								(ilibrate
40 dBm		an HIGH DIN HIM	A CHILD COMMENT		-		-					and the second
50 dBm					-	-	-	-	_			
60 dBm-				-		-		-	-		-	_
Start 2.51	5 GHz			6305	5 pts	-	-	-	_	St	op 2.61	5 GHz
purious Er	nissions		-					-		_		
Range L	wo.	Range Up	RE	w I	Fre	que	ncy [Pow	er Ab	s	۵Lim	it
2.51	5 GHz	2.530 GH	2 1.	000 MHz		2.52	830 GHz		41.45		-16.	45 dB
	0 GHz	2.565 GH		000 MHz			391 GHz		29.76		-16.76 d	
	5 GHz	2.569 GH		000 MHz			831 GHz		29.75			.75 dB
	9 GHz	2.570 GH		.000 kHz			962 GHz		34.94			.94 dB
2,57	0 GHz	2.615 GH	z 500	000 kHz		2.57	379 GHz		0.47	dBm	-29.	53 1

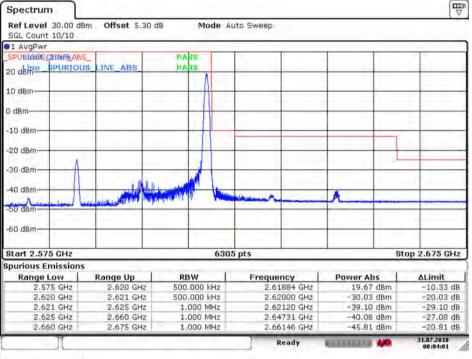
Date: 25 JUL 2018 15:37:49



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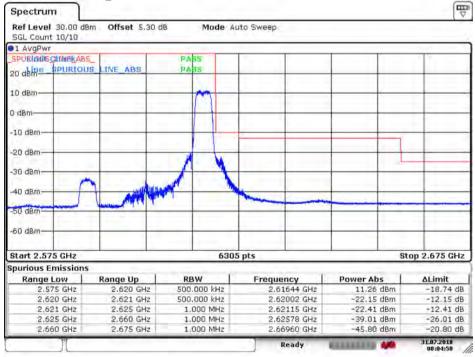
5.1.2.2.2 Test Channel = 37952-38150

5.1.2.2.2.1 RB Configuration =1RB#0-0RB#0



Date: 31.JUL 2018 08:04:01

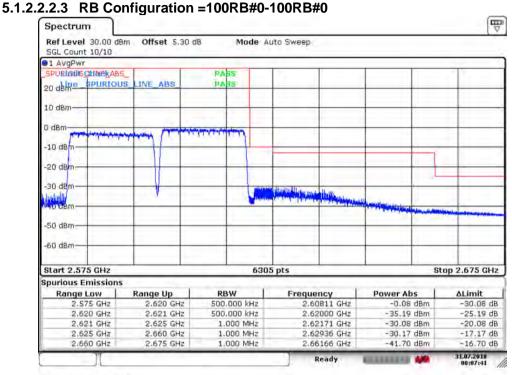
5.1.2.2.2.2 RB Configuration =18RB#82-0RB#0



Date: 31.JUL 2018 08:04:51



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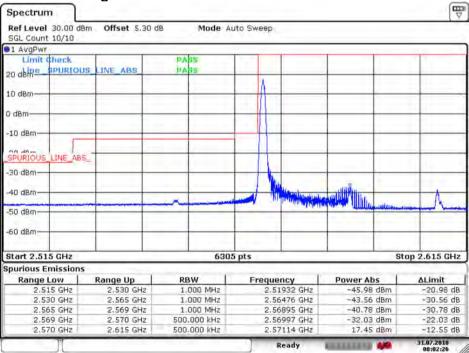


Date: 31.JUL 2018 08:07:41

5.1.2.3 Test Mode = LTE/TM3

5.1.2.3.1 Test Channel = 37850-38048

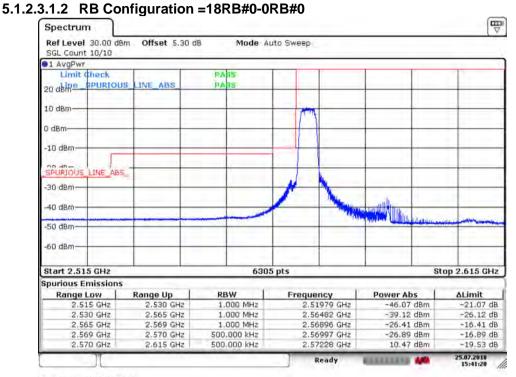
5.1.2.3.1.1 RB Configuration =1RB#0-0RB#0



Date: 31 JUL 2018 08:02:27



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Date: 25.JUL 2018 15:41:21

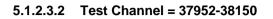
5.1.2.3.1.3 RB Configuration =100RB#0-100RB#0

SGL Count	10/10					eep						
1 AvgPwr				-		-					_	_
Limit C 20 dbine	theck SPURIOUS	LINE ABS	PA									
10 dBm		-				_	-	-	_	-	-	
0 d8m	-		_			Internet	And the second second	-	prim		Weiger Bringer	(
SPURIOUS		-		/								
-30 dBm			and and the state of the state	- ingentratelle	-					-		Wilder
-40 dBm						-	-					
-60 dBm			-	_				-				
Start 2.51	5 GHz			6305	pts			-		St	op 2.61	5 GHz
purious E	nissions									-		
Range I	wo.	Range Up	RE	w	Fr	eque	ncy [Pot	ver A	os	۵Lim	it
	5 GHz 0 GHz	2.530 GHz 2.565 GHz		000 MHz 000 MHz			911 GHz 385 GHz	-41.51 dBm -29.79 dBm		and the second second	-16.51 dE	
	5 GHz	2.569 GHz		DOD MHz			719 GHz		-30,51			.51 dB
	2.569 GHz 2.570 GHz 2.570 GHz 2.615 GHz			500.000 kHz 500.000 kHz		2.56994 GHz 2.57543 GHz		-35.01 dBm 0.69 dBm			-25.01 d	

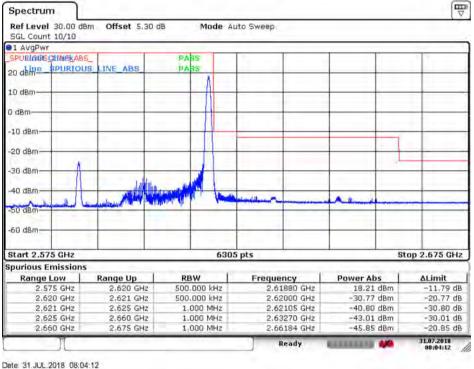
Date: 25.JUL 2018 15:38:07

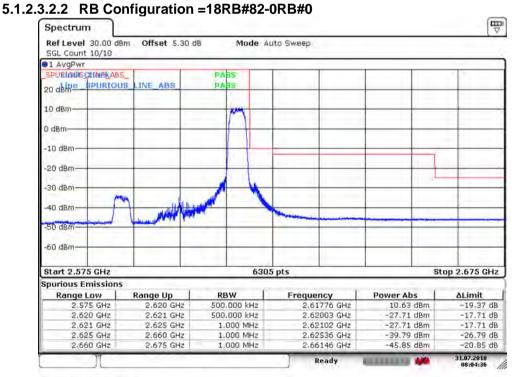


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5.1.2.3.2.1 RB Configuration =1RB#0-0RB#0

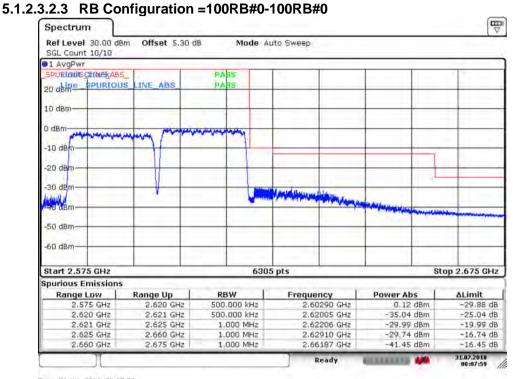




Date: 31.JUL 2018 08:04:36



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Date: 31.JUL 2018 08:07:59



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6 Spurious Emission at Antenna Terminal

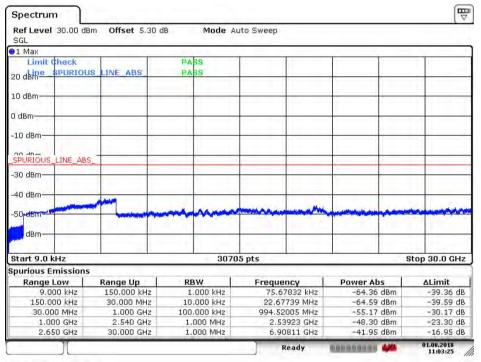
NOTE1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

NOTE2: only the worst case data displayed in this report.

6.1 For LTE_CA_38C

6.1.1 Test Band = Bandwidth=75RB+75RB

6.1.1.1 Test Channel = 37825-37975



Date: 1.AUG.2018 11:03:25



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6.1.1.2 Test Channel = 37925-38075

Spectrum Ref Level 30.00 dBm Offset 5.30 dB Mode Auto Sweep SGL 1 Max Limit Check PASS 20 dbm SPURIOUS LINE ABS PASS 10 dBm-0 dBm -10 dBm-SPURIOUS INE_ABS -30 dBm--40 dBm--50 dBim dBm Start 9.0 kHz 30705 pts Stop 30.0 GHz Spurious Emissions Range Low 9.000 kHz Range Up 150.000 kHz Frequency 75.27603 kHz -63.65 dBm RBW ∆Limit 1.000 kHz -38.65 dB 150.000 kHz 30.000 MHz 10.000 kHz 168.65159 kHz -61.85 dBm -36.85 dB 1.000 GHz 2.540 GHz -30.31 dB -23.76 dB 30,000 MHz 100.000 kHz 955.14199 MHz -55.31 dBm 2.53769 GHz -48.76 dBm 1.000 GHz 1.000 MHz 2.650 GHz 30.000 GHz 1.000 MHz 6.84612 GHz -42.01 dBm -17.01 dB 11:08,2018 11:04:07 Ready

Date: 1.AUG.2018 11:04:07

6.1.1.3 Test Channel = 38025-38175

Spectrur	n								E.	
Ref Level SGL	30.00 dBr	n Offset 5.30) dB	Mode Au	uto Sweep					
1 Max										
Limit	Check		PA	S						
20 dbine	SPURIOUS	LINE ABS	PA	is			×	-	-	
10 dBm				-			-	-		
0 dBm	+			1			-	· · · · · · · · · · · · · · · · · · ·		
-10 dBm—							-	-		
SPURIOUS	LINE_ABS_						-			
-30 dBm		-					-			
-40 dBm		-				-				
-50 d8m		T	-	man	the second		-	-	man man	
dBm-										
Start 9.0 I	kHz			3070	5 pts		-		top 30.0 GH:	
purious E	missions	1 Th								
Range	Low	Range Up	RB	w I	Freque	ncy	Power Al	os	∆Limit	
	00 kHz	150.000 kHz	1.	000 kHz		7832 kHz	-64.27	dBm	-39.27 di	
150.0	00 kHz	30.000 MHz	10.	000 kHz	25.90	038 MHz	-64.85	dBm	-39.85 d	
30.00	00 MHz	1.000 GHz	100.	000 kHz	977.44	976 MHz	-55.07	dBm	-30.07 d	
1.0	00 GHz	2.540 GHz	1.0	00 MHz	2.53	3462 GHz	-48.33	dBm	-23.33 d	
2.6	50 GHz	30,000 GHz	1.0	00 MHz	6.87	7894 GHz	-41.93	dBm	-16.93 d	
	J] 1	Ready		444	01.08.2018 11:04:43	

Date: 1.AUG.2018 11:04:43

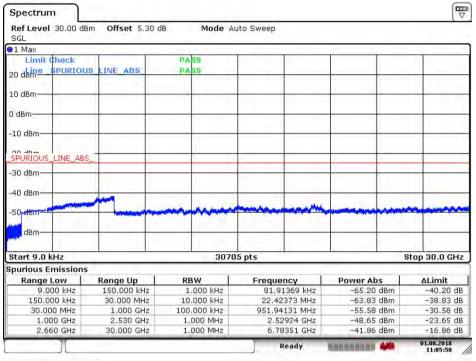
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6.1.2 Test Band = Bandwidth=100RB+100RB

6.1.2.1 Test Channel = 37850-38048



Date: 1.AUG.2018 11:05:51

6.1.2.2 Test Channel = 37901-38099

Spectrum								l T	
Ref Level 30.00	dBm Offset 5.30	D dB	Mode Au	uto Sweep					
1 Max									
Limit Check	the loss of the loss of the	PA	IS						
20 dbine \$PURIC	US LINE ABS	PA	18		·	+()	-		
10 dBm	_		-	-		-	-		
) dBm	_		1			_			
-10 dBm	_					-			
SPURIOUS LINE A	BS		-			1			
-30 dBm									
-40 dBm	-								
-50 d8m		-	Anna	-	-		-		
dBm									
Start 9.0 kHz			3070	5 pts			S	top 30.0 GHz	
purious Emission	The second second second second second	1							
Range Low	Range Up	RB		Freque		Power At		ΔLimit	
9.000 kHz	150,000 kHz		000 kHz		0742 kHz	-63.81		-38.81 dB	
150.000 kHz	30.000 MHz		000 kHz	29.01893 MHz 193.47715 MHz		-65.56		-40.56 dB	
30.000 MHz 1.000 GHz	1.000 GHz 2.530 GHz		000 kHz		715 MHZ 0172 GHz	-55.31 -48.21		-30.31 dB	
2.660 GHz	30,000 GHz		00 MHz		5459 GHz	-48.21 -40.94		-23.21 dB -15.94 dB	
11					teady		4.974	01.08.2018 11:06:29	

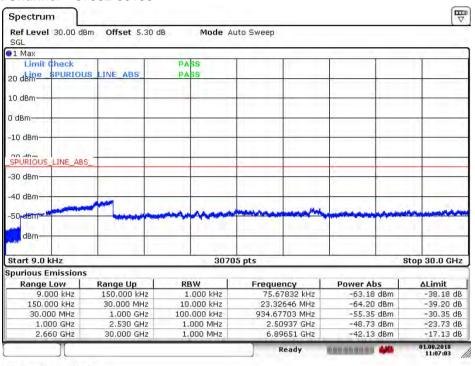
Date: 1.AUG.2018 11:06:29

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6.1.2.3 Test Channel = 37952-38150



Date: 1.AUG.2018 11:07:03



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7 Field Strength of Spurious Radiation

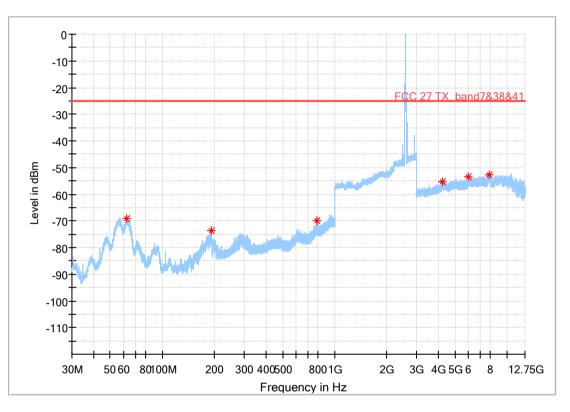
7.1 For LTE

7.1.1 Test Band = LTE Band CA_38C_Main Antenna

7.1.1.1 Test Mode =LTE/TM1 100RB+100RB

7.1.1.1.1 Test Channel = 37850-38048_H

Full Spectrum

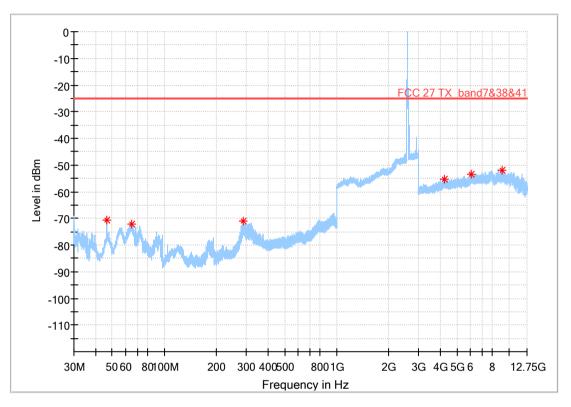




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Full Spectrum

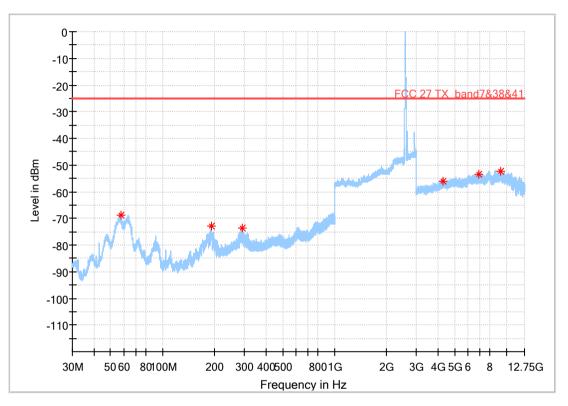




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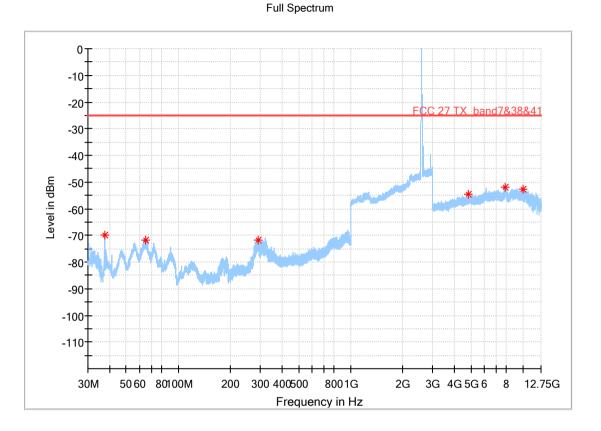
Full Spectrum





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7.1.1.1.4 Test Channel = 37901-38099_V

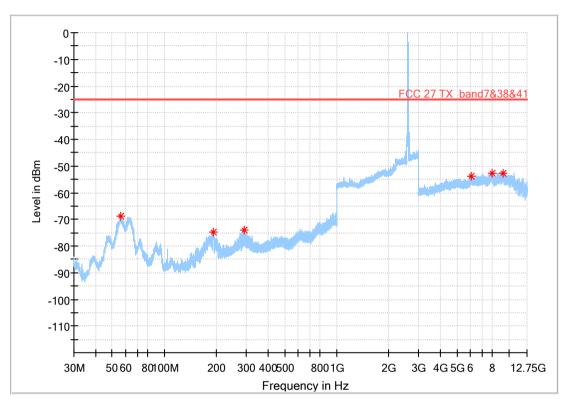




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Full Spectrum

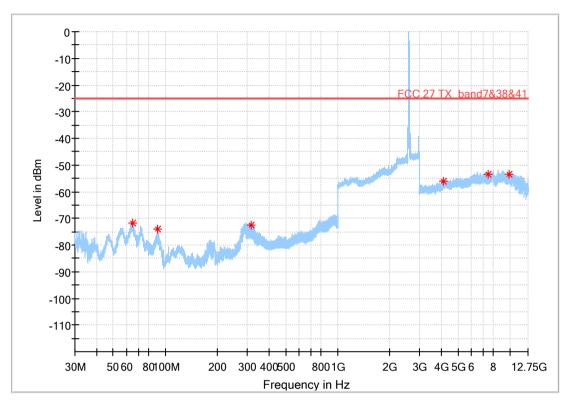




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Full Spectrum





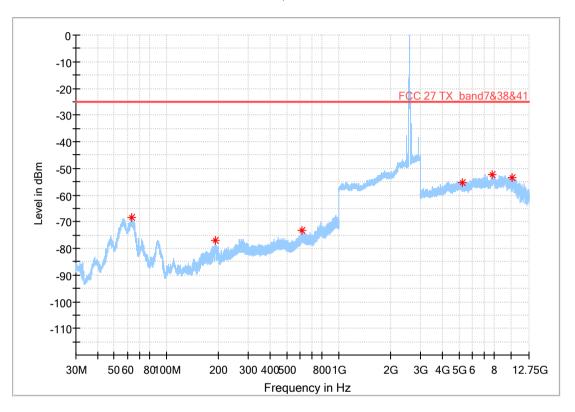
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7.1.2 Test Band = LTE Band CA_38C_Secondary Antenna

7.1.2.1 Test Mode =LTE/TM1 100RB+100RB



Full Spectrum

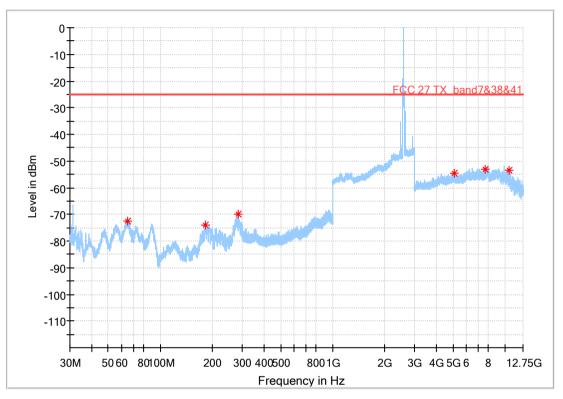




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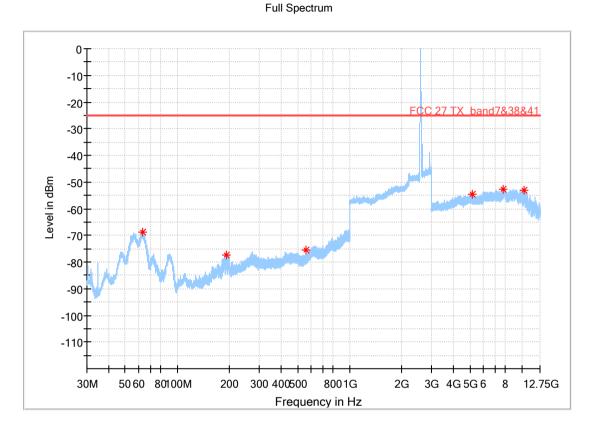
Full Spectrum





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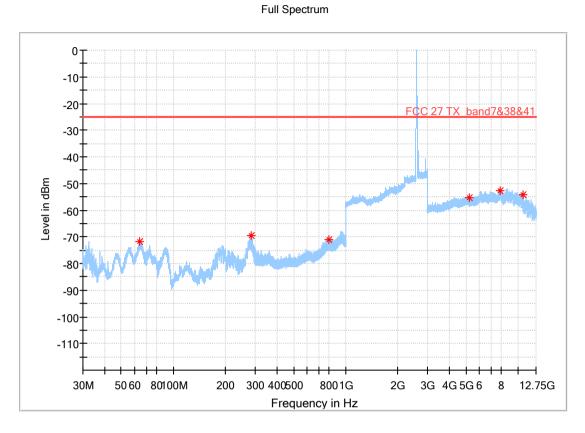
7.1.2.1.3 Test Channel = 37901-38099_H



7.1.2.1.4 Test Channel = 37901-38099_V

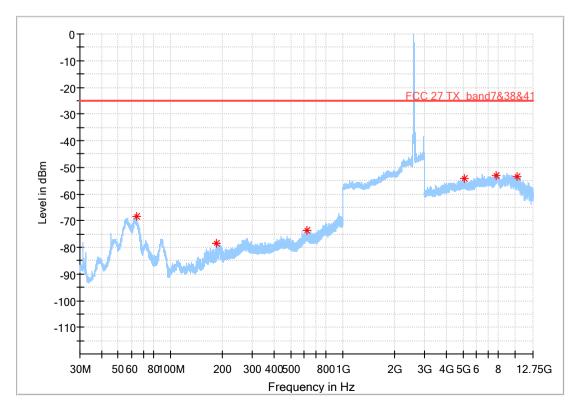


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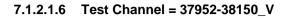
7.1.2.1.5 Test Channel = 37952-38150_H

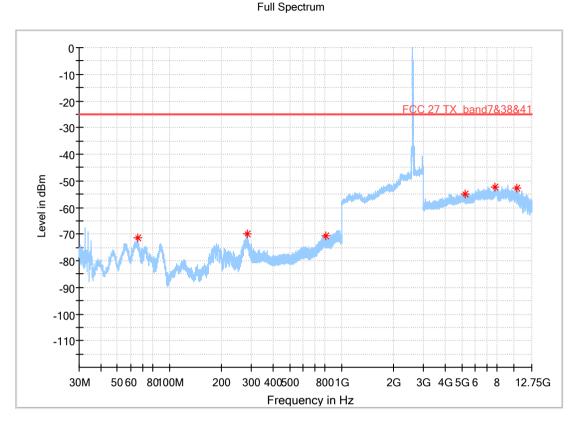
Full Spectrum





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NOTE:

- 1) The disturbance above 12.75GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case had been displayed.
- 2) We have tested all combinations and all modulations, but only the worst case data presented in this report.



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8 Frequency Stability

8.1 Frequency Error VS. Voltage

Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				VL	7.64	0.00296	PASS
		37825+37975	TN	VN	3.41	0.00132	PASS
				VH	-4.10	-0.00159	PASS
				VL	-8.83	-0.00341	PASS
	LTE/TM1 75RB+75RB	37925+38075	TN	VN	2.33	0.00090	PASS
	1010ETTOILE			VH	1.03	0.00040	PASS
				VL	3.45	0.00133	PASS
		38025+38175	ΤN	VN	-5.03	-0.00194	PASS
				VH	-5.13	-0.00197	PASS
	LTE/TM2 75RB+75RB			VL	-9.55	-0.00370	PASS
		37825+37975	TN	VN	-3.99	-0.00155	PASS
				VH	-9.37	-0.00364	PASS
		37925+38075	TN	VL	-4.17	-0.00161	PASS
CA_38C				VN	-3.93	-0.00152	PASS
				VH	-5.19	-0.00201	PASS
			TN	VL	-3.28	-0.00126	PASS
		38025+38175		VN	8.27	0.00318	PASS
				VH	8.85	0.00341	PASS
			TN	VL	0.96	0.00037	PASS
		37825+37975		VN	3.46	0.00134	PASS
				VH	8.44	0.00327	PASS
				VL	5.74	0.00222	PASS
	LTE/TM3 75RB+75RB	37925+38075	TN	VN	-1.92	-0.00074	PASS
				VH	-6.37	-0.00246	PASS
				VL	5.90	0.00227	PASS
		38025+38175	TN	VN	3.06	0.00118	PASS
				VH	-8.53	-0.00328	PASS



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Test Band	Test Mode	Test Channel	Test Temp.	Test Volt.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				VL	-3.01	-0.00117	PASS
		37850+38048	TN	VN	0.18	0.00007	PASS
				VH	-5.18	-0.00201	PASS
				VL	-8.51	-0.00336	PASS
	LTE/TM1 100RB+100RB	37901+38099	TN	VN	-6.13	-0.00243	PASS
				VH	6.82	0.00270	PASS
				VL	2.12	0.00270 0.00082 -0.00368 -0.00107 -0.00087 -0.00300 -0.00126 0.00057 0.00351 0.00231	PASS
		37952+38150	TN	VN	-9.52	-0.00368	PASS
				VH	-2.78	-0.00107	PASS
	LTE/TM2 100RB+100RB			VL	-2.24	-0.00087	PASS
		37850+38048	TN	VN	-7.73	-0.00300	PASS
				VH	-3.26	-0.00126	PASS
		37901+38099	TN	VL	1.44	0.00057	PASS
CA_38C				VN	8.86	0.00351	PASS
				VH	5.84	0.00231	PASS
		37952+38150	TN	VL	0.50	0.00019	PASS
				VN	4.36	0.00168	PASS
				VH	4.49	0.00173	PASS
			TN	VL	-6.30	-0.00244	PASS
		37850+38048		VN	-3.56	-0.00138	PASS
				VH	-7.12	-0.00276	PASS
				VL	-3.25	-0.00129	PASS
	LTE/TM3 100RB+100RB	37901+38099	TN	VN	-3.12	-0.00123	PASS
				VH	-4.02	-0.00159	PASS
				VL	9.10	0.00351	PASS
		37952+38150	TN	VN	-7.78	-0.00300	PASS
				VH	-2.36	-0.00091	PASS



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8.2 Frequency Error VS. Temperature

Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-30	5.63	0.00218	PASS
				-20	-6.11	-0.00237	PASS
				-10	4.03	0.00156	PASS
				0	6.99	0.00271	PASS
		37825+37975	VN	10	1.82	0.00071	PASS
				20	5.56	0.00216	PASS
				30	-6.07	-0.00235	PASS
				40	4.47	0.00173	PASS
				50	-6.20	-0.00240	PASS
				-30	2.90	0.00112	PASS
				-20	5.65	0.00219	PASS
				-10	-4.95	-0.00191	PASS
				0	-4.50	-0.00174	PASS
CA_38C	LTE/TM1 75RB+75RB	37925+38075	VN	10	-1.16	-0.00045	PASS
	rone rone			20	-9.28	-0.00359	PASS
				30	3.26	0.00126	PASS
				40	9.47	0.00366	PASS
				50	-1.66	-0.00064	PASS
				-30	7.58	0.00292	PASS
				-20	5.05	0.00194	PASS
				-10	-1.61	-0.00062	PASS
				0	-2.94	-0.00113	PASS
		38025+38175	VN	10	5.27	0.00203	PASS
				20	-5.19	-0.00200	PASS
				30	0.75	0.00029	PASS
				40	-5.53	-0.00213	PASS
				50	8.19	0.00315	PASS



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Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict	
				-30	-2.70	-0.00105	PASS	
				-20	8.42	0.00327	PASS	
				-10	7.57	0.00294	PASS	
				0	-2.19	-0.00085	PASS	
		37825+37975	VN	10	6.38	0.00247	PASS	
				20	-7.54	-0.00292	PASS	
				30	1.53	0.00060	PASS	
				40	-5.94	-0.00230	PASS	
				50	7.58	0.00294	PASS	
				-30	-1.01	-0.00039	PASS	
				-20	-5.58	-0.00216	PASS	
				-10	7.45	0.00288	PASS	
				0	-3.06	-0.00118	PASS	
CA_38C	LTE/TM2 75RB+75RB	37925+38075	VN	10	3.71	0.00143	PASS	
	TORETTORE			20	-4.48	-0.00173	PASS	
				30	3.20	0.00123	PASS	
				40	5.83	0.00225	PASS	
				50	-7.91	-0.00306	PASS	
				-30	-0.69	-0.00027	PASS	
				-20	7.51	0.00289	PASS	
				-10	-6.15	-0.00237	PASS	
				0	0.54	0.00021	PASS	
		38025+38175	VN	10	7.43	0.00286	PASS	
				20	-8.17	-0.00314	PASS	
				30	-6.34	-0.00244	PASS	
				40	1.16	0.00044	PASS	
				50	0.26	0.00010	PASS	



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						86 01 89	
Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-30	9.72	0.00377	PASS
				-20	6.47	0.00251	PASS
				-10	2.81	0.00109	PASS
				0	1.14	0.00044	PASS
		37825+37975	VN	10	2.90	0.00113	PASS
				20	5.67	0.00220	PASS
				30	-9.30	-0.00361	PASS
				40	-3.75	-0.00146	PASS
				50	3.68	0.00143	PASS
				-30	-2.68	-0.00104	PASS
				-20	-1.99	-0.00077	PASS
				-10	-7.67	-0.00296	PASS
				0	-9.92	-0.00383	PASS
CA_38C	LTE/TM3 75RB+75RB	37925+38075	VN	10	3.97	0.00154	PASS
	rone rone			20	-0.28	-0.00011	PASS
				30	-5.34	-0.00206	PASS
				40	-2.04	-0.00079	PASS
				50	-7.05	-0.00273	PASS
				-30	-0.35	-0.00014	PASS
				-20	8.66	0.00334	PASS
				-10	-5.79	-0.00223	PASS
				0	0.53	0.00020	PASS
		38025+38175	VN	10	5.02	0.00193	PASS
				20	1.25	0.00048	PASS
				30	6.64	0.00256	PASS
				40	6.61	0.00255	PASS
				50	-9.27	-0.00357	PASS



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		· · · · · · · · · · · · · · · · · · ·			Page:	87 01 89	
Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-30	8.69	0.00337	PASS
				-20	-9.56	-0.00371	PASS
				-10	8.23	0.00319	PASS
				0	7.63	0.00296	PASS
		37850+38048	VN	10	2.37	0.00092	PASS
				20	0.42	0.00016	PASS
				30	-8.17	-0.00317	PASS
				40	-3.20	-0.00124	PASS
				50	-7.21	-0.00279	PASS
				-30	1.16	0.00046	PASS
				-20	5.21	0.00206	PASS
				-10	6.49	0.00257	PASS
				0	2.46	0.00097	PASS
CA_38C	LTE/TM1 100RB+100RB	37901+38099	VN	10	-4.08	-0.00161	PASS
	TOORD TOORD			20	2.81	0.00111	PASS PASS PASS PASS PASS PASS PASS PASS
				30	-3.91	-0.00154	PASS
				40	0.73	0.00029	PASS
				50	1.18	0.00047	PASS
				-30	-4.59	-0.00177	PASS
				-20	-5.35	-0.00207	PASS
				-10	6.35	0.00245	PASS
				0	-4.15	-0.00160	PASS
		37952+38150	VN	10	5.21	0.00201	PASS
				20	-7.51	-0.00290	PASS
				30	7.59	0.00293	PASS
				40	-4.07	-0.00157	PASS
				50	0.53	0.00020	PASS



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						88 01 89	
Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-30	-6.61	-0.00256	PASS
				-20	2.91	0.00113	PASS
				-10	2.62	0.00101	PASS
				0	0.39	0.00015	PASS
		37850+38048	VN	10	-6.17	-0.00239	PASS
				20	-2.98	-0.00116	PASS
				30	9.12	0.00354	PASS
				40	-5.21	-0.00202	PASS
				50	-3.06	-0.00119	PASS
				-30	3.75	0.00148	PASS
				-20	2.83	0.00112	PASS
				-10	-9.25	-0.00366	PASS PASS PASS PASS PASS PASS PASS PASS
				0	-0.58	-0.00023	PASS
CA_38C	LTE/TM2 100RB+100RB	37901+38099	VN	10	-8.53	-0.00337	PASS
	Toorie			20	-4.47	-0.00177	PASS
				30	6.55	0.00259	PASS
				40	-1.26	-0.00050	PASS
				50	0.59	0.00024	PASS
				-30	5.19	0.00200	PASS
				-20	4.68	0.00181	PASS
				-10	0.20	0.00008	PASS
				0	-5.32	-0.00205	PASS
		37952+38150	VN	10	-6.71	-0.00259	PASS
				20	-7.29	-0.00281	PASS
				30	6.08	0.00235	PASS
				40	4.17	0.00161	PASS
				50	-3.74	-0.00144	PASS



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Test Band	Test Mode	Test Channel	Test Volt.	Test Temp.	Freq. Error [Hz]	Freq. vs. rated [ppm]	Verdict
				-30	9.64	0.00373	PASS
				-20	5.69	0.00220	PASS
				-10	-9.21	-0.00357	PASS
				0	-7.10	-0.00275	PASS
		37850+38048	VN	10	-8.23	-0.00319	PASS
				20	3.73	0.00145	PASS
				30	-2.49	-0.00097	PASS
				40	2.95	0.00114	PASS
				50	7.16	0.00277	PASS
				-30	8.43	0.00333	PASS
				-20	-0.07	-0.00003	PASS PASS PASS PASS PASS PASS PASS PASS
				-10	-8.56	-0.00339	PASS
				0	-0.04	-0.00002	PASS
CA_38C	LTE/TM3 100RB+100RB	37901+38099	VN	10	-1.08	-0.00043	PASS
				20	-0.95	-0.00038	PASS
				30	7.11	0.00281	PASS
				40	-7.68	-0.00304	PASS
				50	-7.42	-0.00294	PASS
				-30	-5.39	-0.00208	PASS
				-20	-3.32	-0.00128	PASS
				-10	-7.87	-0.00304	PASS
				0	-7.73	-0.00298	PASS
		37952+38150	VN	10	2.95	0.00114	PASS
				20	2.13	0.00082	PASS
				30	1.58	0.00061	PASS
				40	-1.84	-0.00071	PASS
				50	0.50	0.00019	PASS

The End