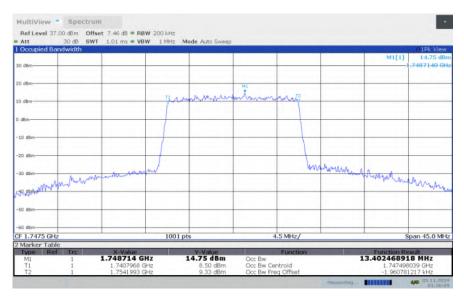




# LTE band 4 , 15MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 4, 15MHz Bandwidth, HIGH, 64QAM (99% BW)



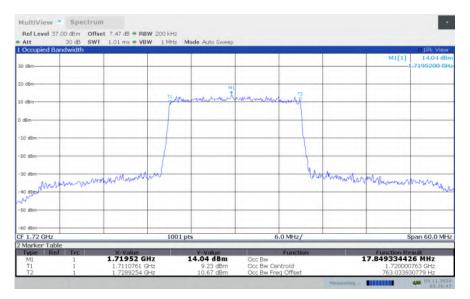
Occupied Bandwidth					O 1Pk View
) dBm					M1[1] 12.94 dBn 1.7480390 GH
i dem-					17400390 GN
) dBm					
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dBm		mont again warm	ana mana		
dBm					
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. under	mannumeround			an norman	when same
0 dBm Angellow	mannena				way and have a second
0 dBm					
0 dBm					
1.7475 GHz		1001 pts	4.5 MHz	/	Span 45.0 MH



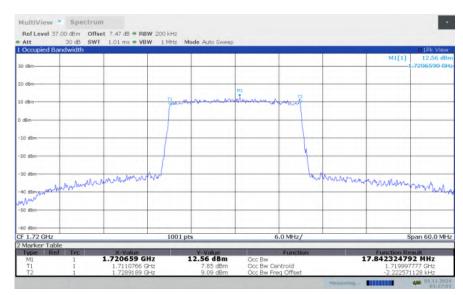
### LTE band 4,20MHz(99% OBW)

	Occupied Bandwidth (99% OBW)(MHz)				
Frequency (MHz)	QPSK	16QAM	64QAM		
1720	17.849	17.842	17.823		
1732.5	17.846	17.882	17.865		
1745	17.873	17.847	17.841		

### LTE band 4, 20MHz Bandwidth, LOW, QPSK (99% BW)

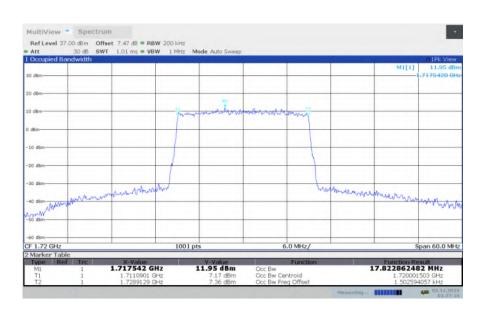


### LTE band 4, 20MHz Bandwidth, LOW, 16QAM (99% BW)

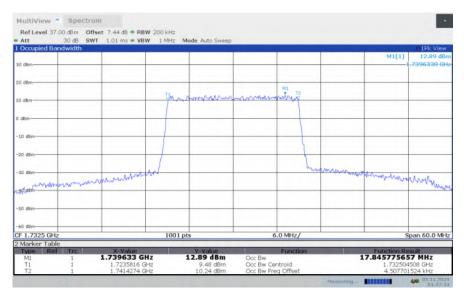


### LTE band 4 , 20MHz Bandwidth, LOW, 64QAM (99% BW)



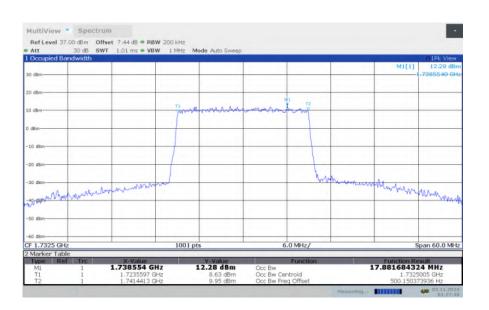


# LTE band 4 , 20MHz Bandwidth, MID, QPSK (99% BW)

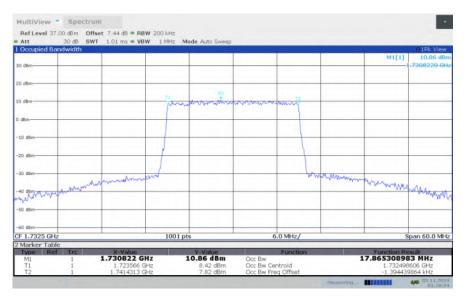


LTE band 4, 20MHz Bandwidth, MID, 16QAM (99% BW)



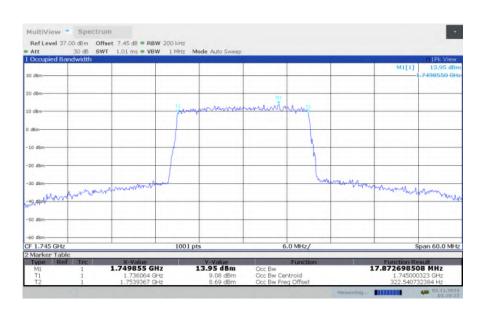


### LTE band 4 , 20MHz Bandwidth, MID, 64QAM (99% BW)

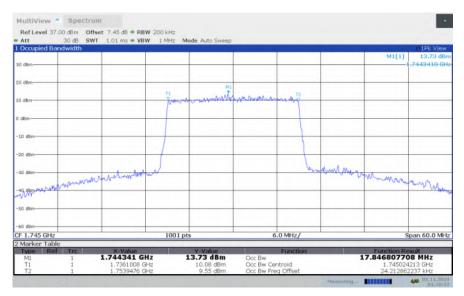


LTE band 4 , 20MHz Bandwidth, HIGH, QPSK (99% BW)





# LTE band 4 , 20MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 4, 20MHz Bandwidth, HIGH, 64QAM (99% BW)



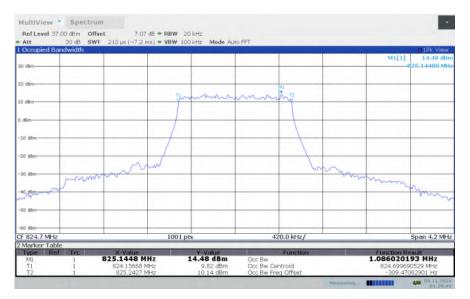
and the second second	10	M1[1] 11.87 dBr 1,7435010 GH
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T1 T	10	
T1 T	10	
	an summer where	
mondent	mourse	minuten har analya
		and representation
1001 pts	6.0 MHz/	Span 60.0 MH
	1001.pts	



### LTE band 5,1.4MHz(99% OBW)

	Occupied Bandwidth (99% OBW)(MHz)					
Frequency (MHz)	QPSK	16QAM	64QAM			
824.7	1.086	1.085	1.092			
836.5	1.089	1.089	1.085			
848.3	1.084	1.088	1.083			

## LTE band 5 , 1.4MHz Bandwidth, LOW, QPSK (99% BW)



### LTE band 5, 1.4MHz Bandwidth, LOW, 16QAM (99% BW)

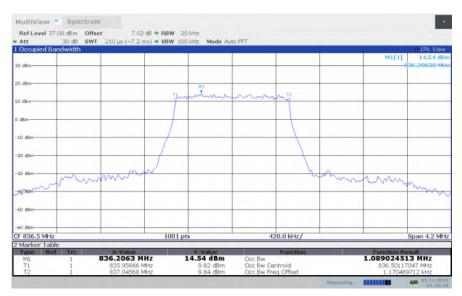


#### LTE band 5, 1.4MHz Bandwidth, LOW, 64QAM (99% BW)





## LTE band 5, 1.4MHz Bandwidth, MID, QPSK (99% BW)

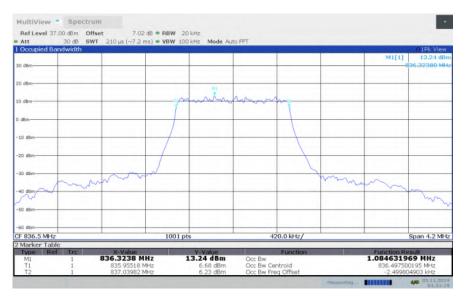


LTE band 5 , 1.4MHz Bandwidth, MID, 16QAM (99% BW)





## LTE band 5, 1.4MHz Bandwidth, MID, 64QAM (99% BW)

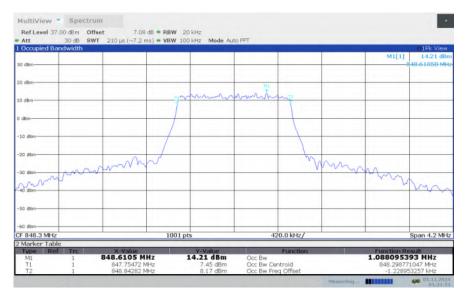


LTE band 5 , 1.4MHz Bandwidth, HIGH, QPSK (99% BW)





# LTE band 5 , 1.4MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 5, 1.4MHz Bandwidth, HIGH, 64QAM (99% BW)



Occupied Ban	dwidth							-	0 1Pk View
) dBm								M1[1]	12.73 dBn 847.83850 MH
dom									
d8m-		-							
			MI	ma	mm				
dBm			1	Server	- marine	T T			
dBm-									
0 dBm									
0 dBm									
o dem						1 L			
0 dBm		man				5	ma		
o demont	nn							m	-
D dBm									www
0 dBm									
i0 dem								-	
848.3 MHz Marker Table			1001 pts		42	0.0 kHz/			Span 4.2 MHz
Type Ref	Trc	X-Value		Value		Function		Function R	
M1 T1 T2	1	847.8385 MHz 847.75784 MHz 848.8412 MHz	6	3 dBm .70 dBm .87 dBm	Occ Bw Occ Bw Cer Occ Bw Fre	ntroid		1.0833614 848.2995	23543 MHz 728697 Hz



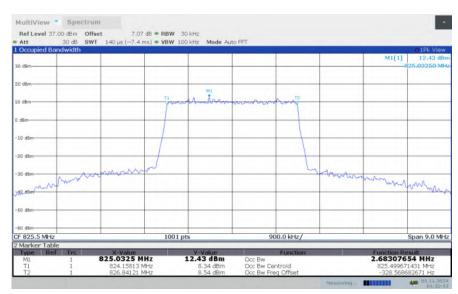
### LTE band 5,3MHz(99% OBW)

	Occupied Bandwidth (99% OBW)(MHz)					
Frequency (MHz)	QPSK	16QAM	64QAM			
825.5	2.688	2.683	2.686			
836.5	2.687	2.681	2.685			
847.5	2.685	2.679	2.689			

## LTE band 5, 3MHz Bandwidth, LOW, QPSK (99% BW)

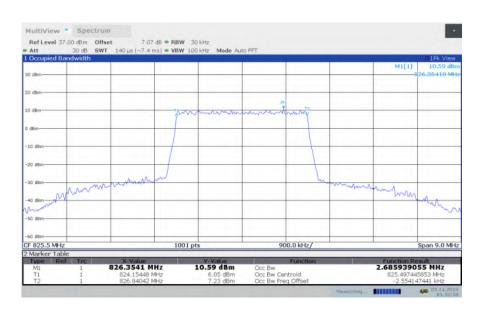


### LTE band 5, 3MHz Bandwidth, LOW, 16QAM (99% BW)

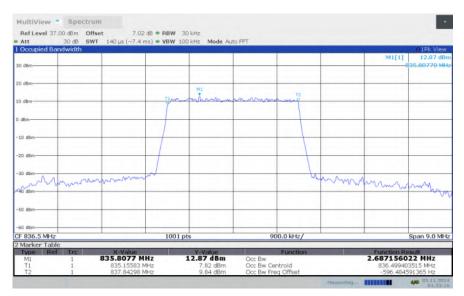


### LTE band 5, 3MHz Bandwidth, LOW, 64QAM (99% BW)



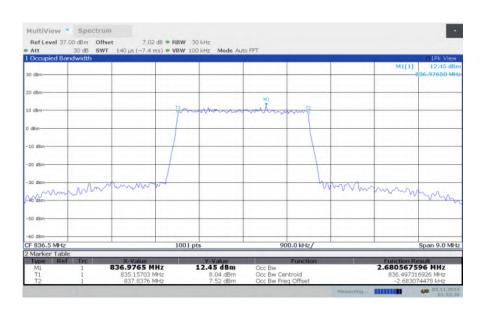


## LTE band 5, 3MHz Bandwidth, MID, QPSK (99% BW)

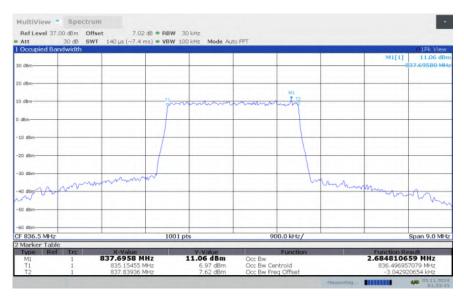


LTE band 5, 3MHz Bandwidth, MID, 16QAM (99% BW)



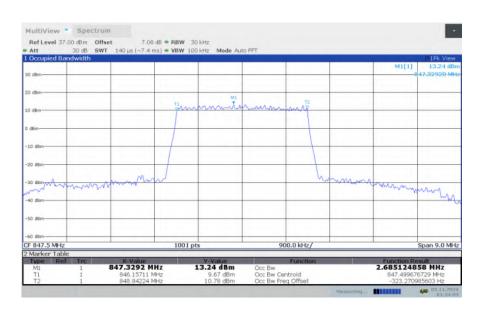


## LTE band 5, 3MHz Bandwidth, MID, 64QAM (99% BW)

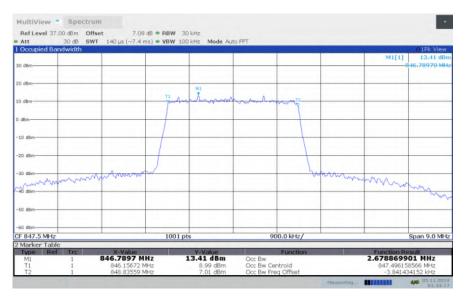


LTE band 5, 3MHz Bandwidth, HIGH, QPSK (99% BW)





## LTE band 5, 3MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 5, 3MHz Bandwidth, HIGH, 64QAM (99% BW)



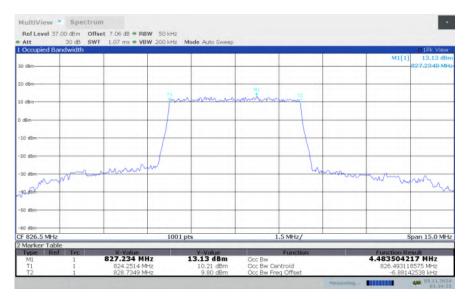
dēm				M1[1]	10.71 dBn 47.41010 MH
d8m					147.41010 MIL
		MI			
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dBm-					
0 dBm					
0 dBm					
g dem	mumun		m	many	
g.dBm				- and	mon
0 dBm-					
0 dem					
847.5 MHz	1	001 pts	900.0 kHz/		Span 9.0 MHz



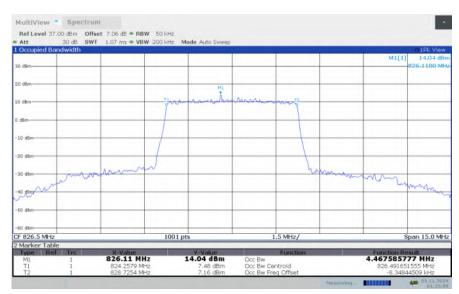
### LTE band 5,5MHz(99% OBW)

	Occupied Bandwidth (99% OBW)(MHz)					
Frequency (MHz)	QPSK	16QAM	64QAM			
826.5	4.484	4.468	4.467			
836.5	4.476	4.478	4.469			
846.5	4.459	4.465	4.458			

## LTE band 5, 5MHz Bandwidth, LOW, QPSK (99% BW)

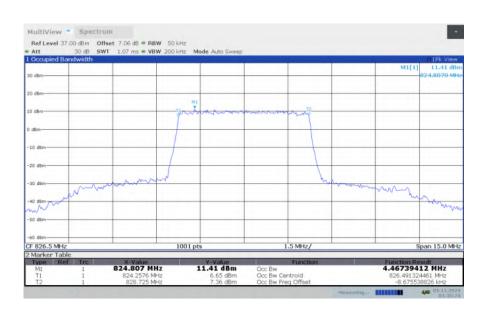


### LTE band 5, 5MHz Bandwidth, LOW, 16QAM (99% BW)

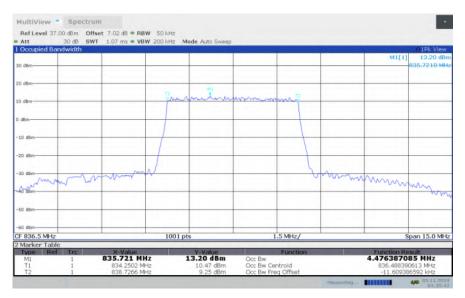


### LTE band 5, 5MHz Bandwidth, LOW, 64QAM (99% BW)





## LTE band 5, 5MHz Bandwidth, MID, QPSK (99% BW)

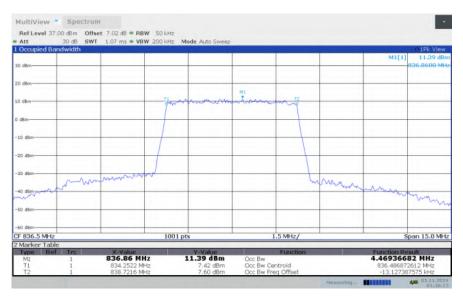


LTE band 5, 5MHz Bandwidth, MID, 16QAM (99% BW)



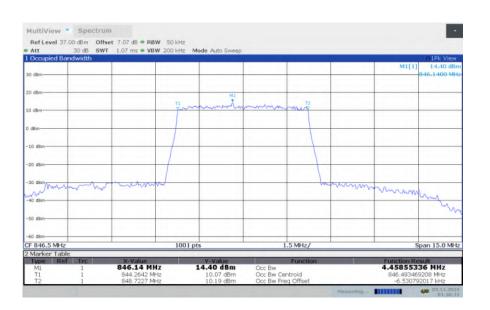


## LTE band 5, 5MHz Bandwidth, MID, 64QAM (99% BW)

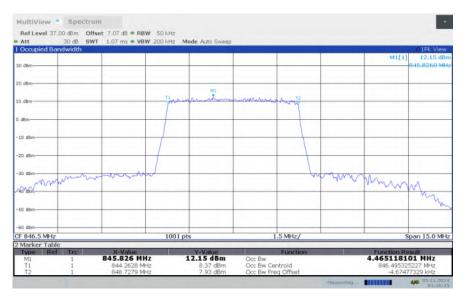


LTE band 5, 5MHz Bandwidth, HIGH, QPSK (99% BW)



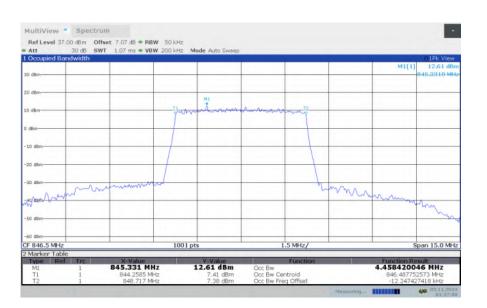


# LTE band 5, 5MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 5, 5MHz Bandwidth, HIGH, 64QAM (99% BW)



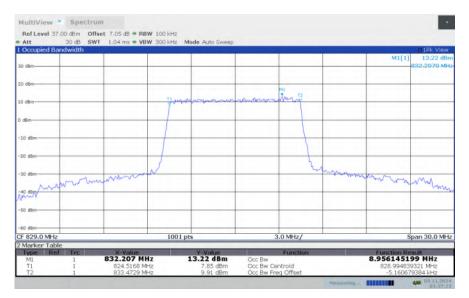




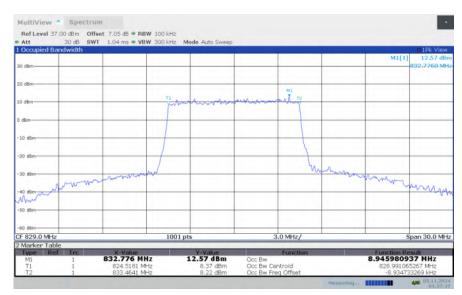
### LTE band 5,10MHz(99% OBW)

	Occupied Bandwidth (99% OBW)(MHz)					
Frequency (MHz)	QPSK	16QAM	64QAM			
829	8.956	8.946	8.946			
836.5	8.919	8.934	8.915			
844	8.939	8.932	8.934			

## LTE band 5, 10MHz Bandwidth, LOW, QPSK (99% BW)

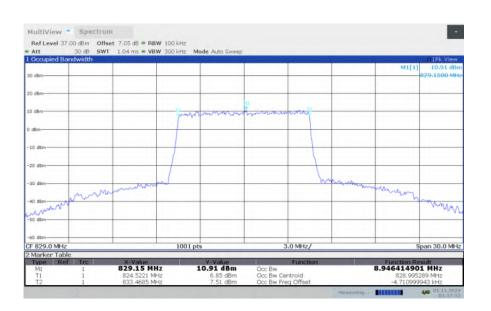


### LTE band 5, 10MHz Bandwidth, LOW, 16QAM (99% BW)

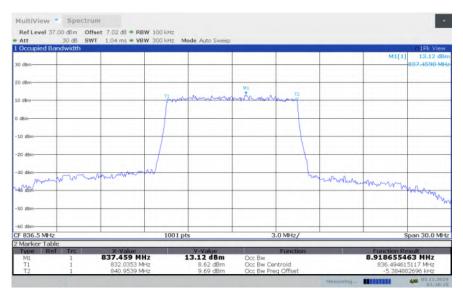


### LTE band 5, 10MHz Bandwidth, LOW, 64QAM (99% BW)



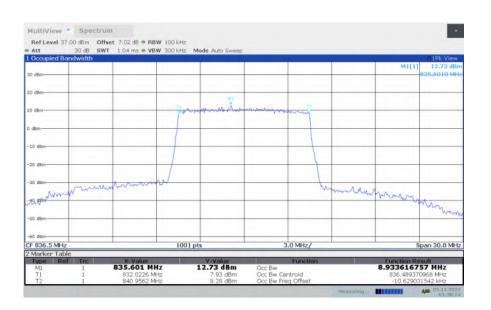


# LTE band 5 , 10MHz Bandwidth, MID, QPSK (99% BW)

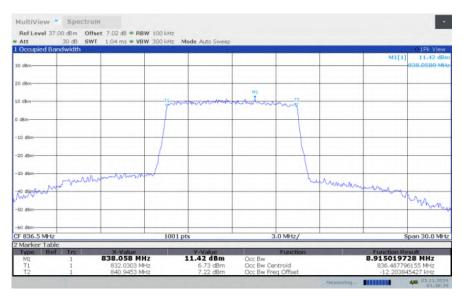


LTE band 5, 10MHz Bandwidth, MID, 16QAM (99% BW)



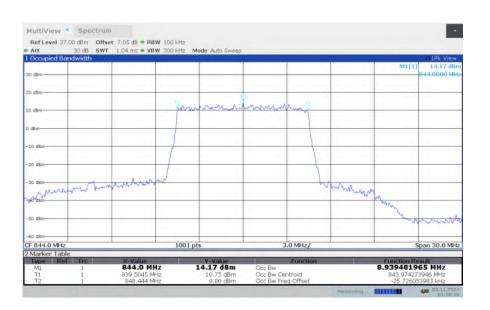


## LTE band 5, 10MHz Bandwidth, MID, 64QAM (99% BW)

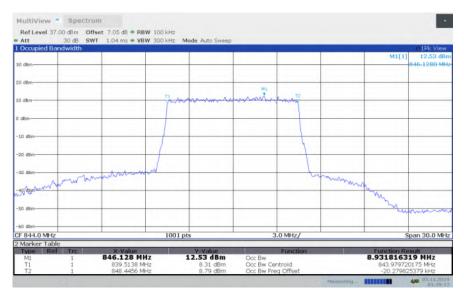


LTE band 5, 10MHz Bandwidth, HIGH, QPSK (99% BW)





# LTE band 5, 10MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 5, 10MHz Bandwidth, HIGH, 64QAM (99% BW)



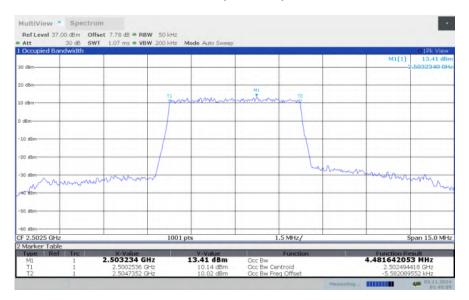
Occupied Bandwidth					M1(1)	0 1Pk View 12.71 dBr
) dBm						846.3980 MH
d8m-						
			ML T			
dBm		mound	nangement	7		
dBm-						
) dBm						
0 dBm						
0 dBm	minmont			mummun		
J dBm Ann					my	
0 dBm-					man	mantin
0 d8m					_	
844.0 MHz		1001 pts	3.0 MH	z/		Span 30.0 MH



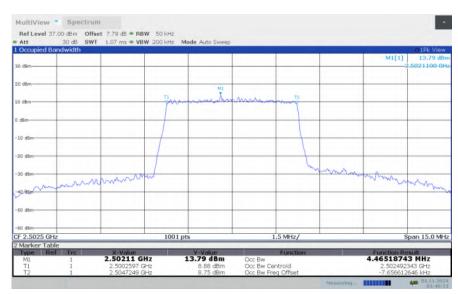
### LTE band 7,5MHz(99% OBW)

	Occupied Bandwidth (99% OBW)(MHz)					
Frequency (MHz)	QPSK	16QAM	64QAM			
2502.5	4.482	4.465	4.465			
2535	4.480	4.479	4.471			
2567.5	4.463	4.470	4.462			

## LTE band 7, 5MHz Bandwidth, LOW, QPSK (99% BW)

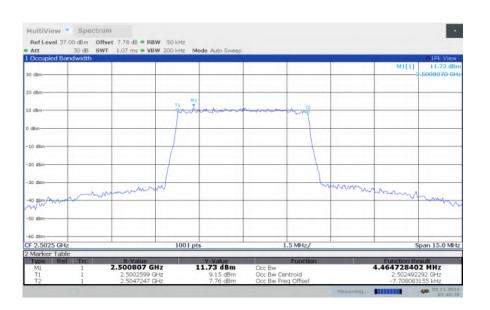


### LTE band 7, 5MHz Bandwidth, LOW, 16QAM (99% BW)

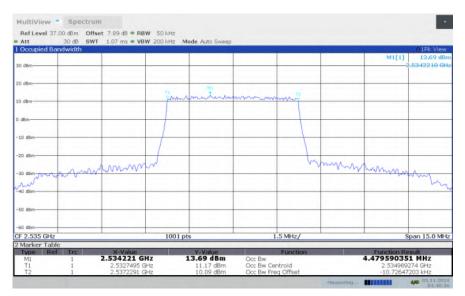


### LTE band 7, 5MHz Bandwidth, LOW, 64QAM (99% BW)



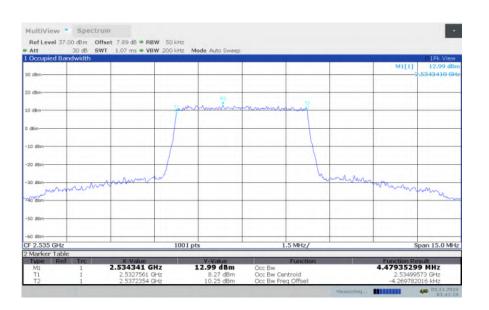


# LTE band 7, 5MHz Bandwidth, MID, QPSK (99% BW)

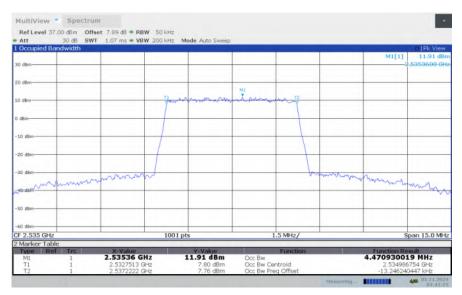


LTE band 7, 5MHz Bandwidth, MID, 16QAM (99% BW)



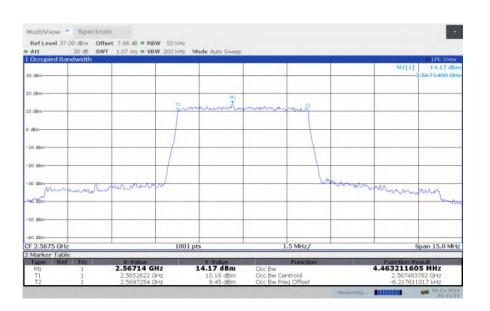


# LTE band 7 , 5MHz Bandwidth, MID, 64QAM (99% BW)

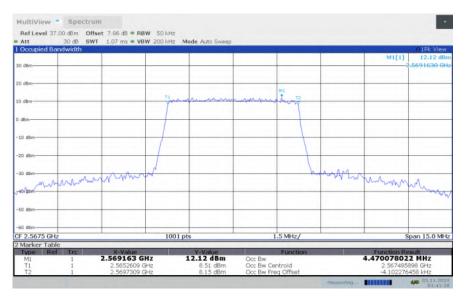


LTE band 7, 5MHz Bandwidth, HIGH, QPSK (99% BW)





# LTE band 7, 5MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 7, 5MHz Bandwidth, HIGH, 64QAM (99% BW)



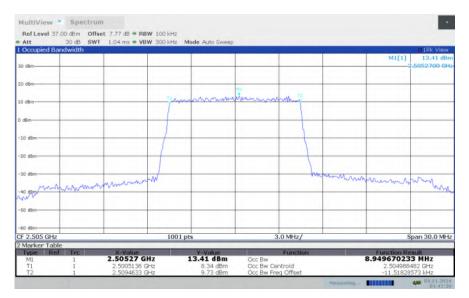
Occupied Band				Iode Auto Sweep						01Pk View
i0 dBm									M1[1]	12.43 dBn 2.5663310 GH
0 dBm		-					-			
0 dBm			T1 .	M1	how weeker	12				
dBm			Futer		and and and and	and	-			
dBm	_						_			
LO dBm				-						
0 dBm										
			1							
ID dBm	mm	mm	1				h	month	mmm	
10 dBm										any m
50 dBm							-			
60 d8m		-				-	_			
F 2.5675 GHz			1001 p	ts	1	.5 MHz/			1	Span 15.0 MHz
Marker Table Type Ref	Tre	X-Value		Y-Value		Function	0		Function R	esult
M1 T1 T2	1	2.566331 GHz 2.5652577 GHz 2.5697201 GHz	2	12.43 dBm 7.37 dBm 7.44 dBm	Occ Bw Occ Bw Ce Occ Bw Fre	ntroid			4.4624574	02 MHz 4889 GHz



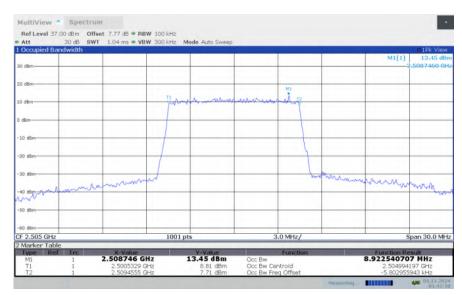
### LTE band 7,10MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)		
	QPSK	16QAM	64QAM
2505	8.950	8.923	8.919
2535	8.932	8.952	8.918
2565	8.938	8.940	8.928

# LTE band 7, 10MHz Bandwidth, LOW, QPSK (99% BW)

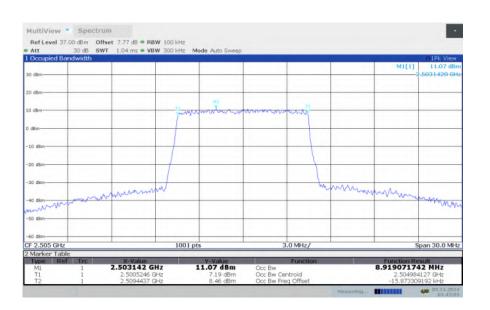


### LTE band 7, 10MHz Bandwidth, LOW, 16QAM (99% BW)

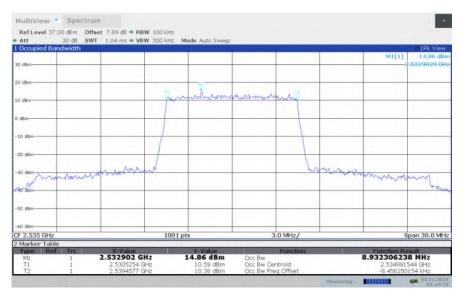


### LTE band 7, 10MHz Bandwidth, LOW, 64QAM (99% BW)



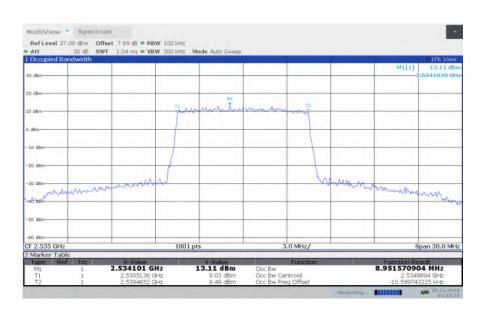


# LTE band 7 , 10MHz Bandwidth, MID, QPSK (99% BW)

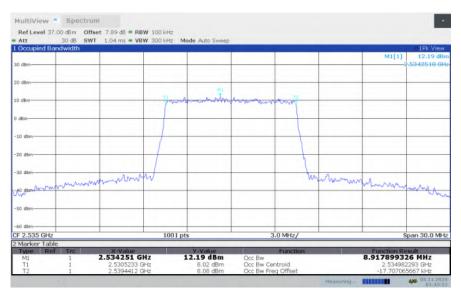


LTE band 7, 10MHz Bandwidth, MID, 16QAM (99% BW)



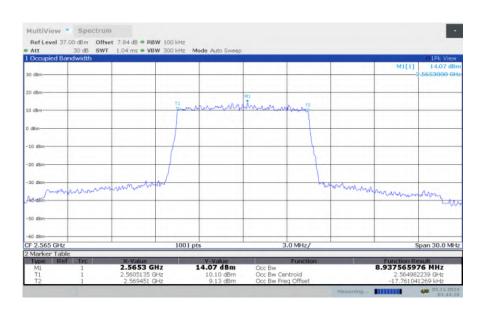


# LTE band 7 , 10MHz Bandwidth, MID, 64QAM (99% BW)

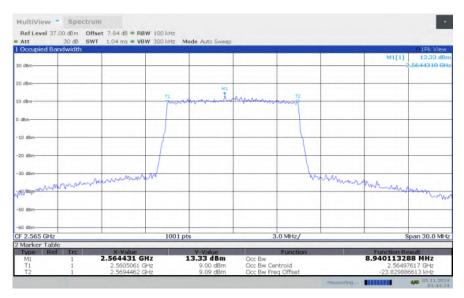


LTE band 7, 10MHz Bandwidth, HIGH, QPSK (99% BW)





# LTE band 7, 10MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 7, 10MHz Bandwidth, HIGH, 64QAM (99% BW)



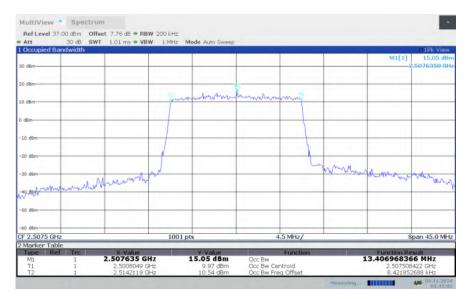
Occupied Ba	30 dB SW									01Pk View
10 dBm-									M1[1]	12.25 dBn 2.5673980 GH
0 d8m					MI		-			
0 dBm			the	www.www.mash		mint	-			-
dBm							_			
10 dBm				-	_		_			
20 dBm		-		-			-			
30 dBm		Muran	m	-		-	h			
Ana Ana and De	rown	Marriagen						mour	mon	annammer.
ANY CONTRACT										and marken your
50 dBm		-				-	-			
dem										
F 2.565 GHz			1001	pts	3	3.0 MHz/	-			Span 30.0 MH
Marker Tabl										
Type Re   M1 T1   T2 T2	1 1 1	X-Value 2.567398 G 2.5605124 ( 2.5694408 (	3Hz	V-Value 12.25 dBm 8.18 dBm 7.21 dBm	Occ Bw Occ Bw Ce Occ Bw Fre		1			
14	4	2.3094408 0	2.16	7.21 UDM	OLL DW FR	N OUNEL	-	Maasuring		05.11.202



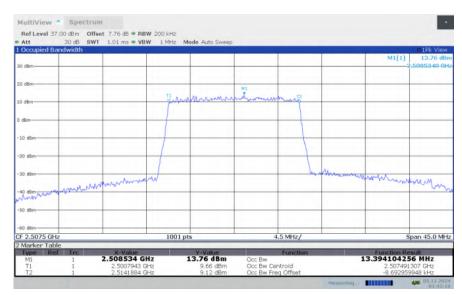
## LTE band 7,15MHz(99% OBW)

	Occupied Bandwidth (99% OBW)(MHz)				
Frequency (MHz)	QPSK	16QAM	64QAM		
2507.5	13.407	13.394	13.377		
2535	13.368	13.415	13.422		
2562.5	13.386	13.408	13.454		

## LTE band 7, 15MHz Bandwidth, LOW, QPSK (99% BW)

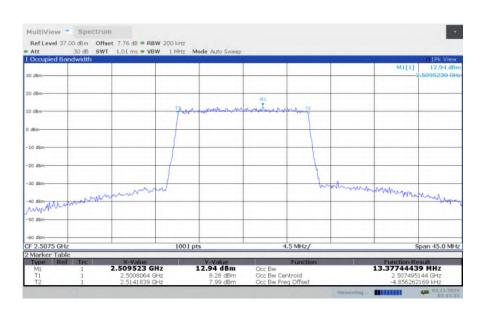


### LTE band 7, 15MHz Bandwidth, LOW, 16QAM (99% BW)

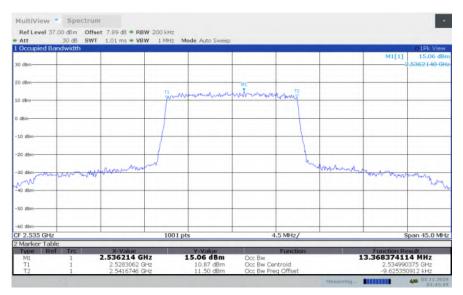


### LTE band 7, 15MHz Bandwidth, LOW, 64QAM (99% BW)



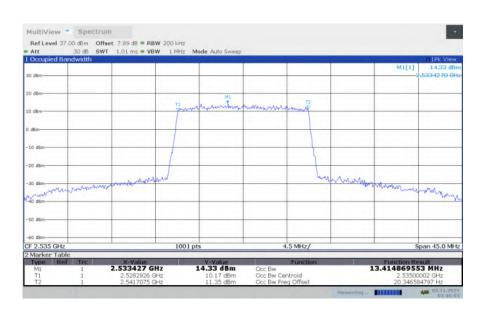


# LTE band 7 , 15MHz Bandwidth, MID, QPSK (99% BW)

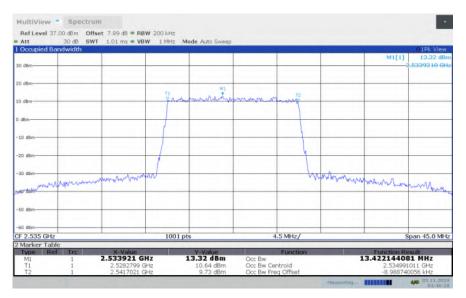


LTE band 7, 15MHz Bandwidth, MID, 16QAM (99% BW)



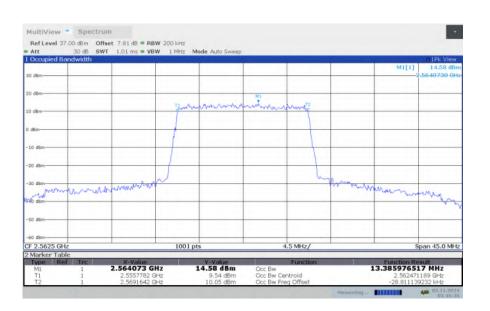


# LTE band 7, 15MHz Bandwidth, MID, 64QAM (99% BW)

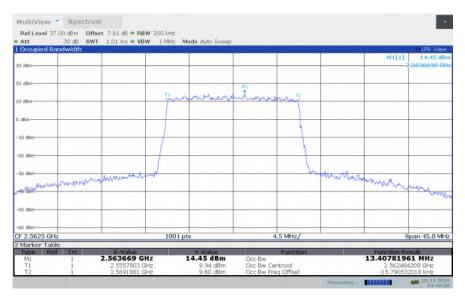


LTE band 7, 15MHz Bandwidth, HIGH, QPSK (99% BW)



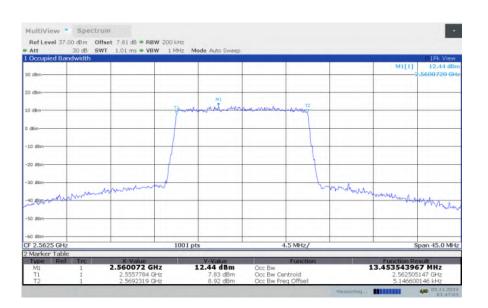


# LTE band 7, 15MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 7, 15MHz Bandwidth, HIGH, 64QAM (99% BW)



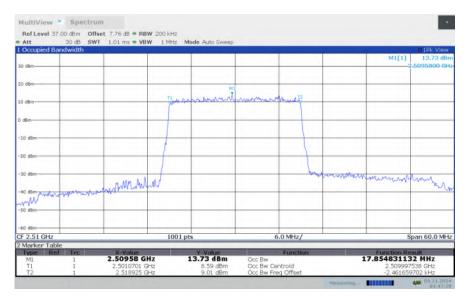




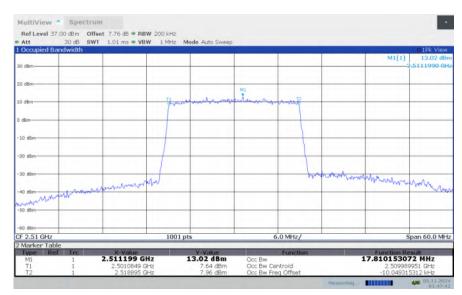
## LTE band 7,20MHz(99% OBW)

	Occupied Bandwidth (99% OBW)(MHz)				
Frequency (MHz)	QPSK	16QAM	64QAM		
2510	17.855	17.810	17.826		
2535	17.816	17.865	17.837		
2560	17.839	17.869	17.829		

## LTE band 7, 20MHz Bandwidth, LOW, QPSK (99% BW)

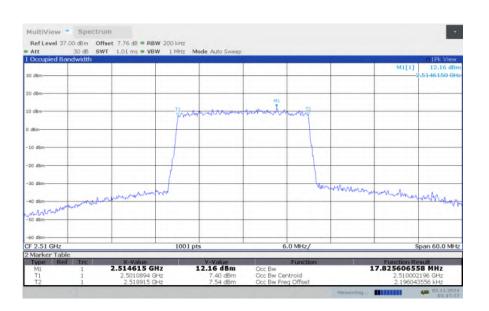


### LTE band 7, 20MHz Bandwidth, LOW, 16QAM (99% BW)

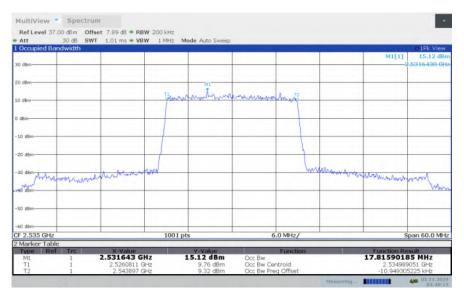


### LTE band 7, 20MHz Bandwidth, LOW, 64QAM (99% BW)



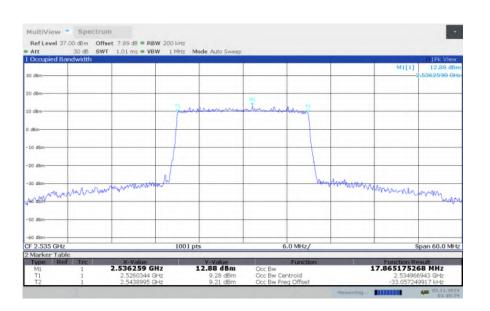


# LTE band 7 , 20MHz Bandwidth, MID, QPSK (99% BW)

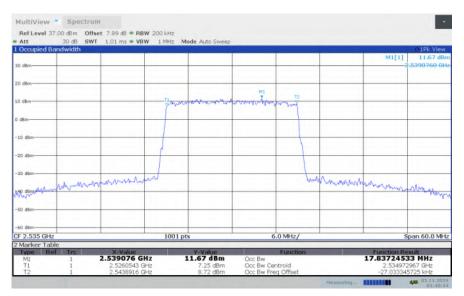


LTE band 7, 20MHz Bandwidth, MID, 16QAM (99% BW)



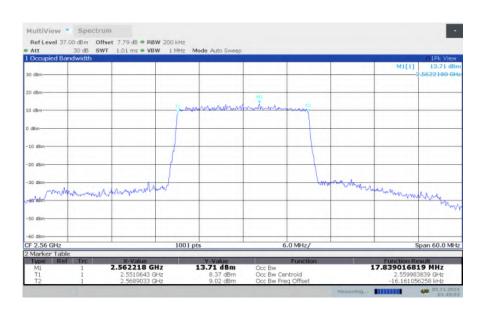


# LTE band 7, 20MHz Bandwidth, MID, 64QAM (99% BW)

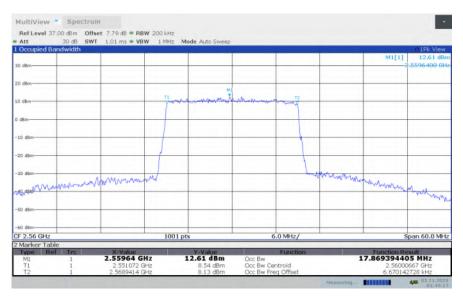


LTE band 7, 20MHz Bandwidth, HIGH, QPSK (99% BW)





# LTE band 7, 20MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 7, 20MHz Bandwidth, HIGH, 64QAM (99% BW)



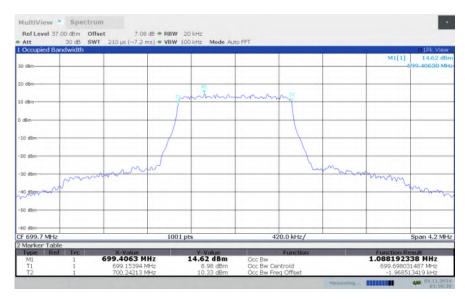
Occupied Bandwidth					and the second	O 1Pk View
dBm					M1[1]	11.58 dBn 5637760 GH
d8m						
			M1			
dBm	7	Manufacture and	anon production			
Bm-						
) dBm	_					_
0 dBm-						_
0 dBm	a south an reading the			hourse.		
dem and a man	morandownadawal			manan	Amount	
) dBm						
dem-						_
2.56 GHz	1	001 pts	6.0 MHz/		Sp	an 60.0 MH



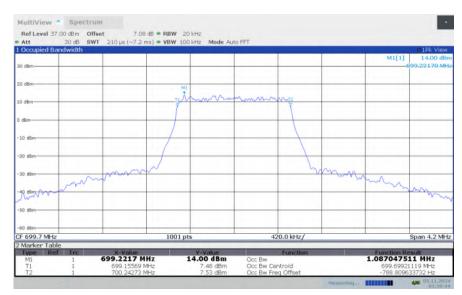
## LTE band 12,1.4MHz(99% OBW)

Frequency (MHz)	Occupied Bandwidth (99% OBW)(MHz)				
Frequency (MHz)	QPSK	16QAM	64QAM		
699.7	1.088	1.087	1.084		
707.5	1.085	1.091	1.082		
715.3	1.089	1.085	1.088		

# LTE band 12 , 1.4MHz Bandwidth, LOW, QPSK (99% BW)

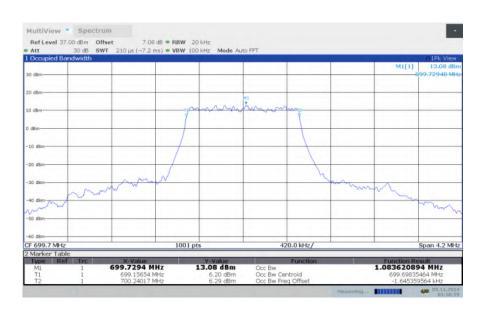


### LTE band 12, 1.4MHz Bandwidth, LOW, 16QAM (99% BW)

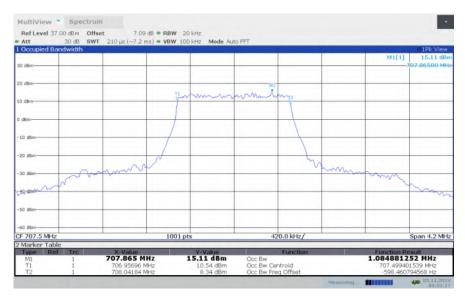


### LTE band 12, 1.4MHz Bandwidth, LOW, 64QAM (99% BW)



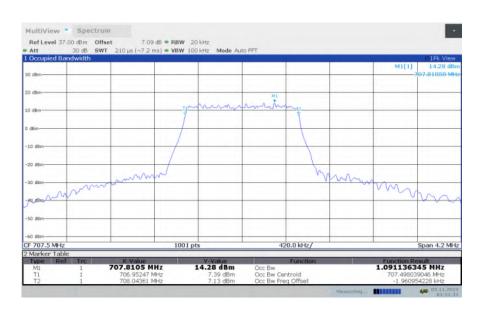


## LTE band 12 , 1.4MHz Bandwidth, MID, QPSK (99% BW)

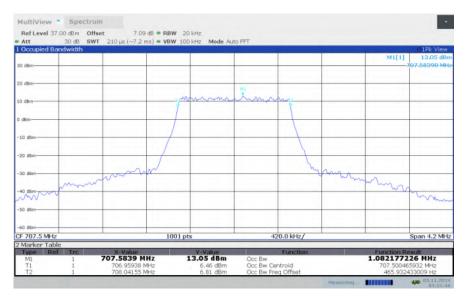


LTE band 12, 1.4MHz Bandwidth, MID, 16QAM (99% BW)



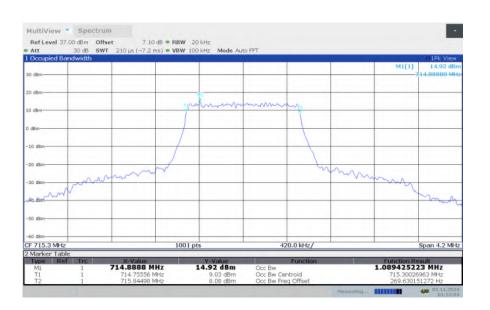


## LTE band 12 , 1.4MHz Bandwidth, MID, 64QAM (99% BW)

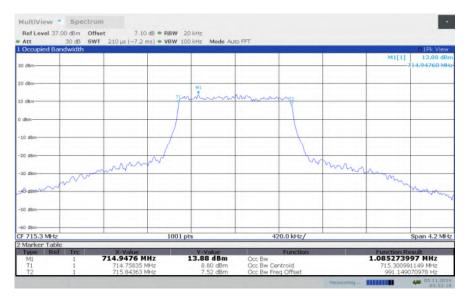


LTE band 12 , 1.4MHz Bandwidth, HIGH, QPSK (99% BW)





## LTE band 12 , 1.4MHz Bandwidth, HIGH, 16QAM (99% BW)



## LTE band 12 , 1.4MHz Bandwidth, HIGH, 64QAM (99% BW)



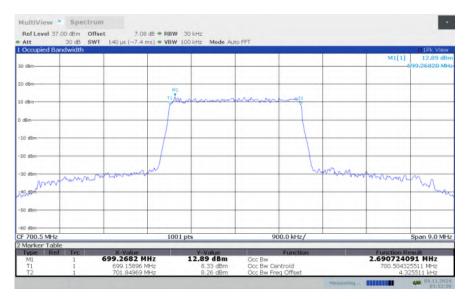
Occupied Bar	ndwidth			o FFT		01Pk View
30 dBm					M1[1]	12.63 dBn 715.13640 MH
o usin						10/10/010 10/1
0 d8m						
			Mi A			
0 dBm			1 marine and	- margaret		
dBm-						
l0 dBm						
20 dBm						
30 dBm-	M	name		· / ·	month	
0 dBm	~~~		-		my	
m						- man
i0 dBm						
i0 dBm						
715.3 MHz		1	001 pts	420.0 kHz/		Span 4.2 MH
Marker Table						
M1 Ref	1	X-Value 715.1364 MHz	Y-Value 12.63 dBm	Function Occ Bw	Function R 1.0876891	LO9 MHz
T1 T2	1	714.75651 MHz 715.8442 MHz	6.38 dBm 5.79 dBm	Occ Bw Centroid Occ Bw Freg Offset		58857 MHz 457638 Hz



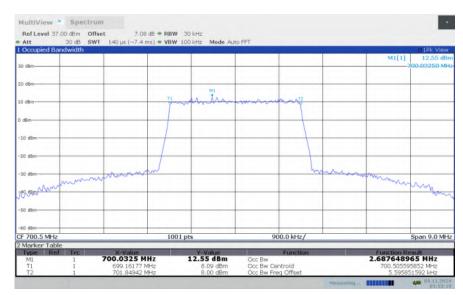
## LTE band 12,3MHz(99% OBW)

	Occupied Bandwidth (99% OBW)(MHz)				
Frequency (MHz)	QPSK	16QAM	64QAM		
700.5	2.691	2.688	2.685		
707.5	2.692	2.684	2.683		
714.5	2.685	2.681	2.685		

## LTE band 12, 3MHz Bandwidth, LOW, QPSK (99% BW)

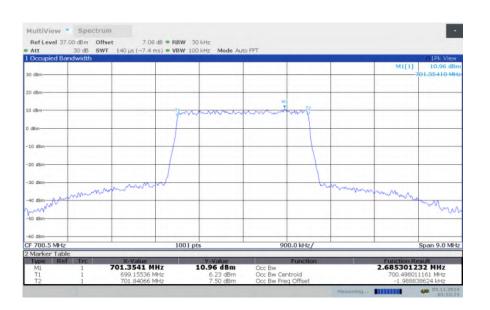


### LTE band 12, 3MHz Bandwidth, LOW, 16QAM (99% BW)

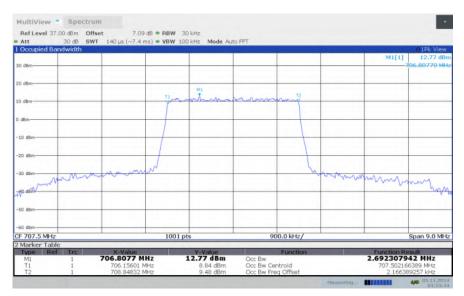


### LTE band 12, 3MHz Bandwidth, LOW, 64QAM (99% BW)



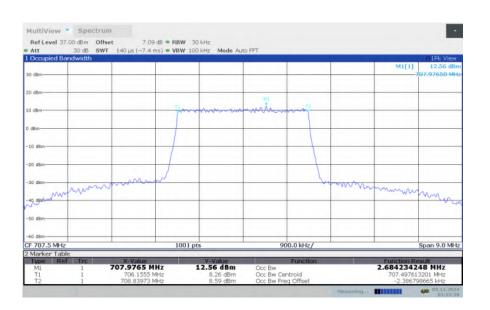


## LTE band 12, 3MHz Bandwidth, MID, QPSK (99% BW)

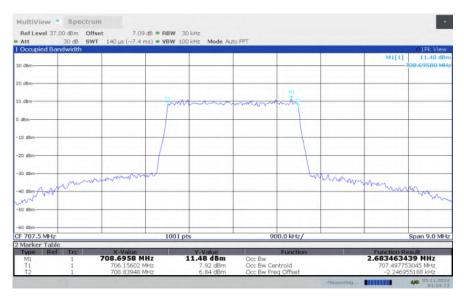


LTE band 12, 3MHz Bandwidth, MID, 16QAM (99% BW)



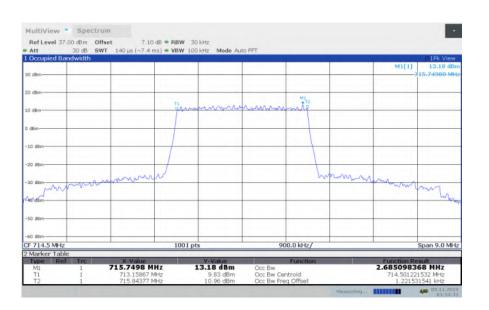


## LTE band 12, 3MHz Bandwidth, MID, 64QAM (99% BW)

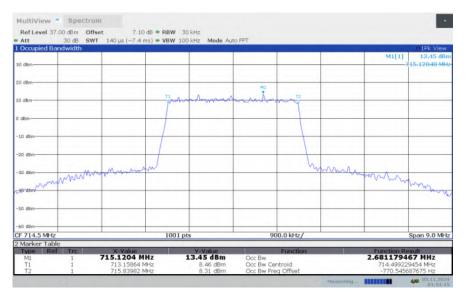


LTE band 12, 3MHz Bandwidth, HIGH, QPSK (99% BW)





# LTE band 12, 3MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 12, 3MHz Bandwidth, HIGH, 64QAM (99% BW)



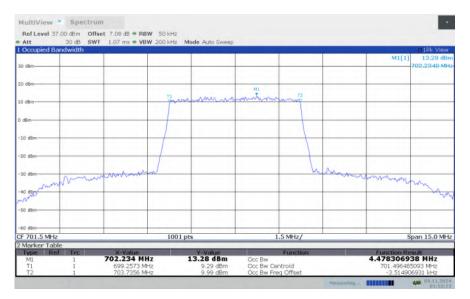
				01Pk Viev
				M1[1] 10.60 dB 714.50900 M
dBm				/14.50900 M
d8m				
		N		
dBm	7	monorma	North Marken Marken	
dBm-	_			
0 dBm				
0 dBm				
0 dBm	manna		www.	mummer
0 dBm AN				
0 dBm-				
0 dBm				
714.5 MHz	10	001 pts	900.0 kHz/	Span 9.0 M



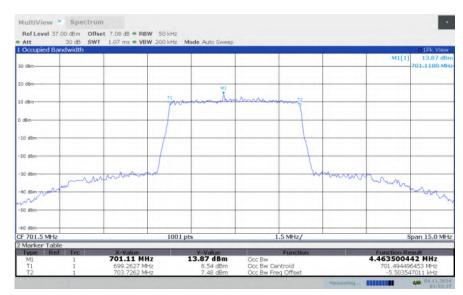
## LTE band 12,5MHz(99% OBW)

	Occupied Bandwidth (99% OBW)(MHz)				
Frequency (MHz)	QPSK	16QAM	64QAM		
701.5	4.478	4.464	4.464		
707.5	4.479	4.481	4.473		
713.5	4.462	4.468	4.462		

# LTE band 12, 5MHz Bandwidth, LOW, QPSK (99% BW)

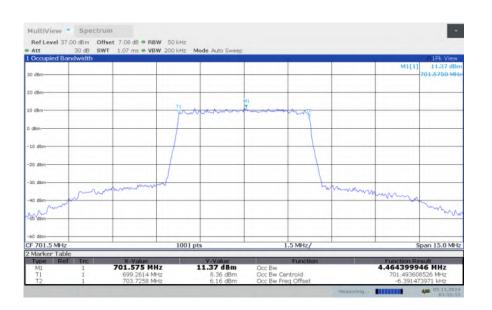


### LTE band 12, 5MHz Bandwidth, LOW, 16QAM (99% BW)

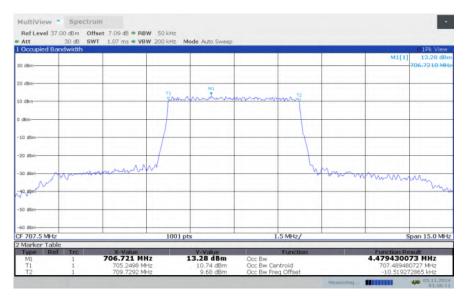


### LTE band 12, 5MHz Bandwidth, LOW, 64QAM (99% BW)



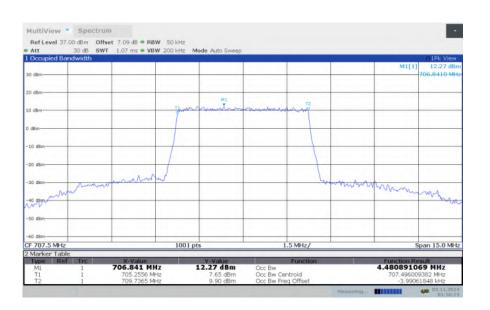


## LTE band 12, 5MHz Bandwidth, MID, QPSK (99% BW)

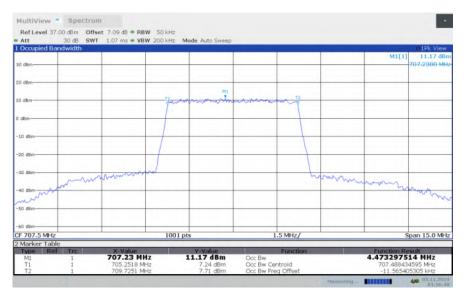


LTE band 12, 5MHz Bandwidth, MID, 16QAM (99% BW)





# LTE band 12 , 5MHz Bandwidth, MID, 64QAM (99% BW)

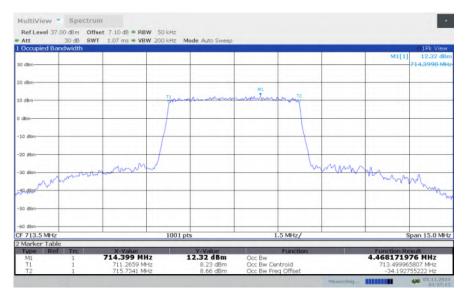


LTE band 12, 5MHz Bandwidth, HIGH, QPSK (99% BW)



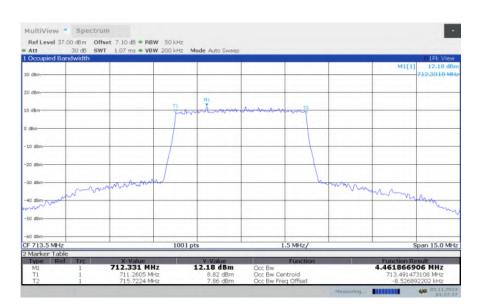


# LTE band 12 , 5MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 12, 5MHz Bandwidth, HIGH, 64QAM (99% BW)



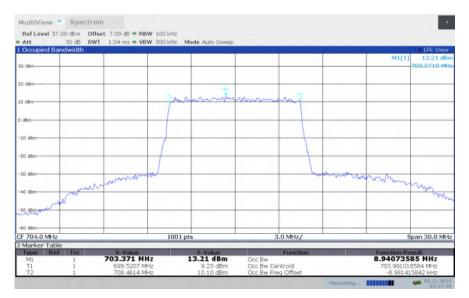




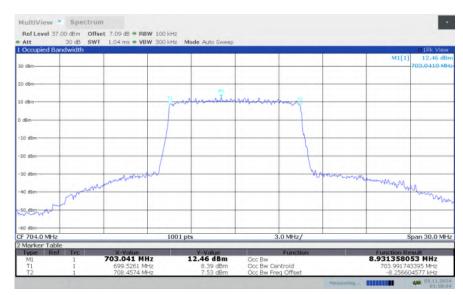
### LTE band 12,10MHz(99% OBW)

	Occupied Bandwidth (99% OBW)(MHz)				
Frequency (MHz)	QPSK	16QAM	64QAM		
704	8.941	8.931	8.922		
707.5	8.926	8.945	8.956		
711	8.950	8.937	8.936		

# LTE band 12, 10MHz Bandwidth, LOW, QPSK (99% BW)

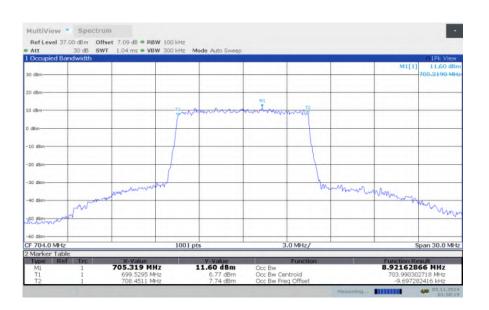


### LTE band 12, 10MHz Bandwidth, LOW, 16QAM (99% BW)

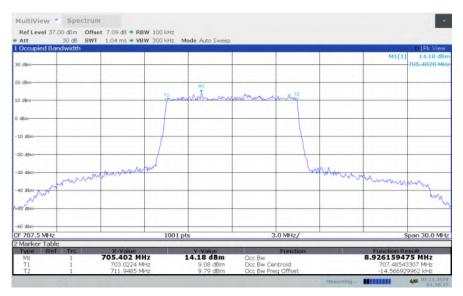


### LTE band 12, 10MHz Bandwidth, LOW, 64QAM (99% BW)



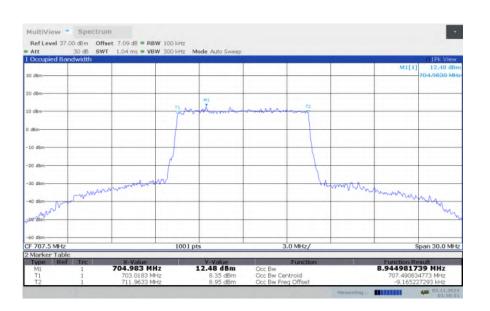


# LTE band 12 , 10MHz Bandwidth, MID, QPSK (99% BW)

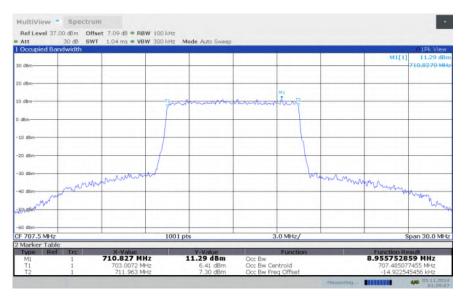


LTE band 12, 10MHz Bandwidth, MID, 16QAM (99% BW)





## LTE band 12, 10MHz Bandwidth, MID, 64QAM (99% BW)

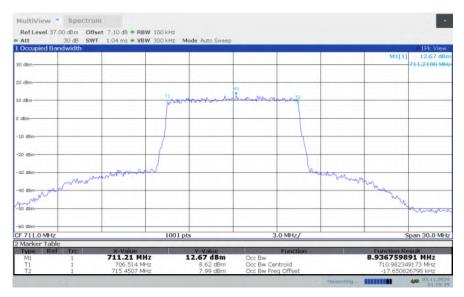


LTE band 12, 10MHz Bandwidth, HIGH, QPSK (99% BW)



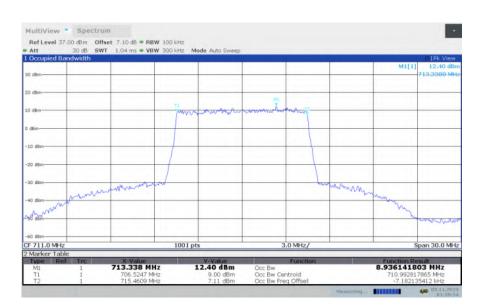


# LTE band 12 , 10MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 12, 10MHz Bandwidth, HIGH, 64QAM (99% BW)



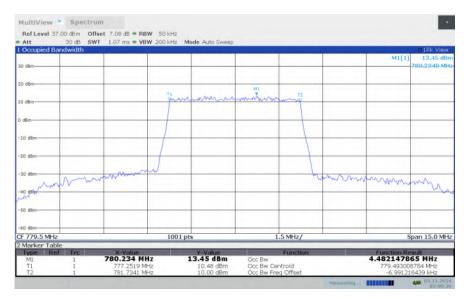




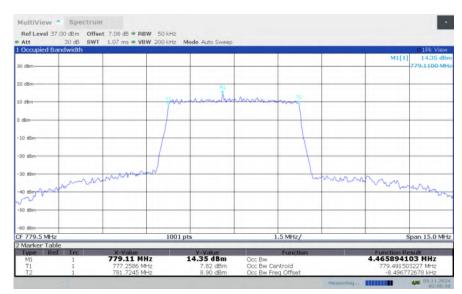
## LTE band 13,5MHz(99% OBW)

	Occupied Bandwidth (99% OBW)(MHz)				
Frequency (MHz)	QPSK	16QAM	64QAM		
779.5	4.482	4.466	4.467		
782	4.481	4.479	4.475		
784.5	4.463	4.473	4.464		

## LTE band 13, 5MHz Bandwidth, LOW, QPSK (99% BW)

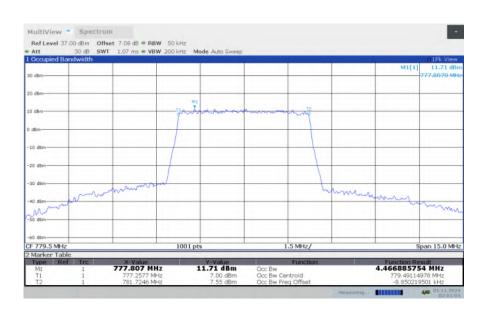


### LTE band 13, 5MHz Bandwidth, LOW, 16QAM (99% BW)

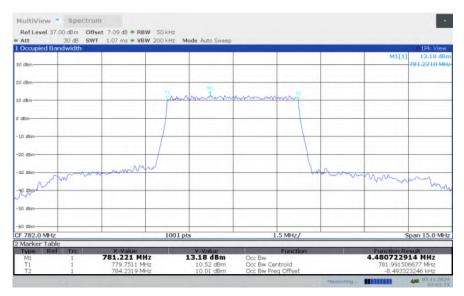


### LTE band 13, 5MHz Bandwidth, LOW, 64QAM (99% BW)





# LTE band 13 , 5MHz Bandwidth, MID, QPSK (99% BW)

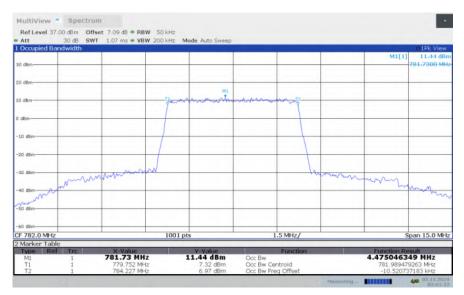


LTE band 13, 5MHz Bandwidth, MID, 16QAM (99% BW)





# LTE band 13 , 5MHz Bandwidth, MID, 64QAM (99% BW)

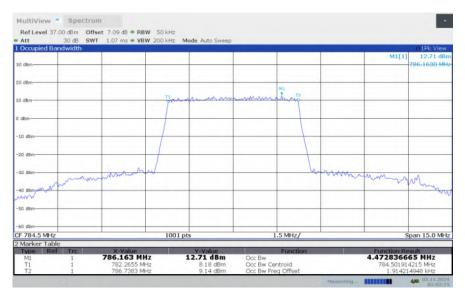


LTE band 13, 5MHz Bandwidth, HIGH, QPSK (99% BW)





# LTE band 13 , 5MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 13, 5MHz Bandwidth, HIGH, 64QAM (99% BW)



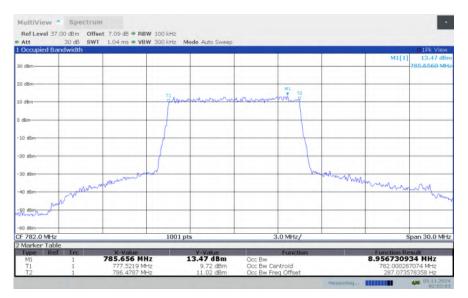
									O 1Pk View
								M1[1]	12.10 dBn 783.3310 MH
i0 dBm									763-3310 MH
0 dBm				-		-			
0 dBm			June	how	Annanda	mont			
									1
dBm-						1	1		
10 dBm-		-							
20 dBm-		-							
						1.			
30 dBm	- A A.N	minin	Cal.				mounter	ma Anna	
40 dBm	- Janon			-				whent	m
40 dBm									m
S0 dBm									
60 dBm			1001 p	-		.5 MHz/			Span 15.0 MHz
Marker Table			1001			1.5 MH2/			span 15.0 MHz
Type Ref	Trc	X-Value		Y-Value		Function		Function Re	
M1 T1	1	783.331 MH 782.2619 M		12.10 dBm 8.73 dBm	Occ Bw Occ Bw Ce	ntroid		4.4641970 784.49396	



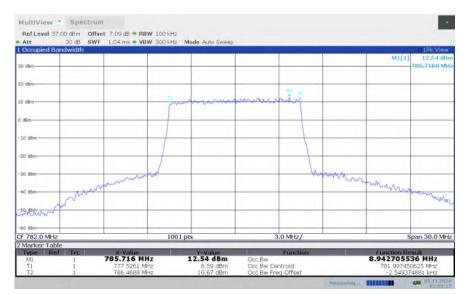
### LTE band 13,10MHz(99% OBW)

	Occupied Bandwidth (99% OBW)(MHz)		
Frequency (MHz)	QPSK	16QAM	64QAM
782	8.957	8.943	8.954
782	8.969	8.937	8.928
782	8.948	8.947	8.934

# LTE band 13, 10MHz Bandwidth, LOW, QPSK (99% BW)



### LTE band 13, 10MHz Bandwidth, LOW, 16QAM (99% BW)

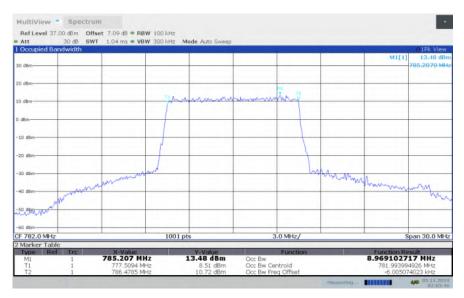


### LTE band 13, 10MHz Bandwidth, LOW, 64QAM (99% BW)



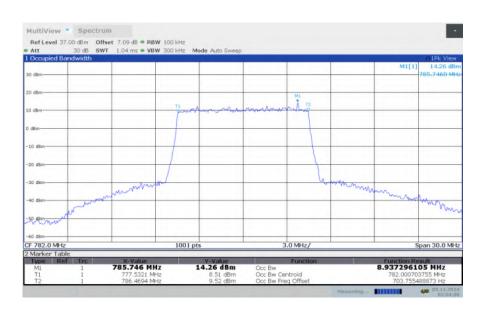


## LTE band 13, 10MHz Bandwidth, MID, QPSK (99% BW)

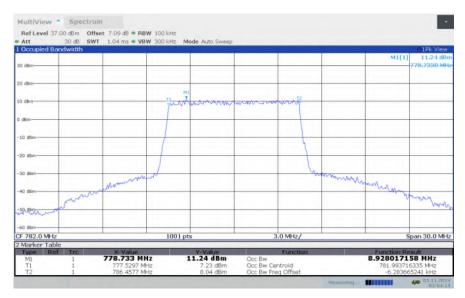


LTE band 13, 10MHz Bandwidth, MID, 16QAM (99% BW)



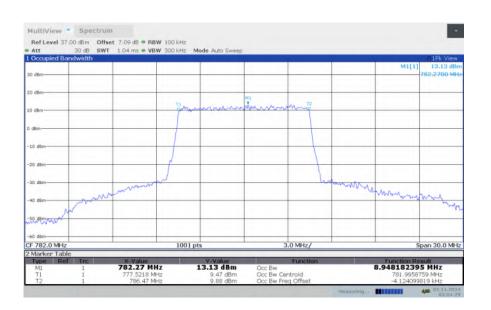


## LTE band 13, 10MHz Bandwidth, MID, 64QAM (99% BW)

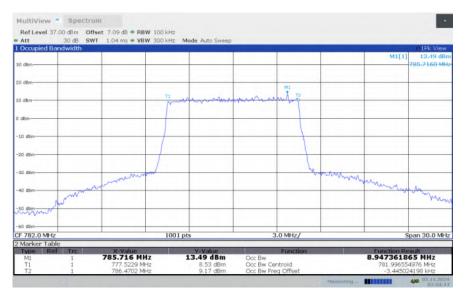


LTE band 13, 10MHz Bandwidth, HIGH, QPSK (99% BW)



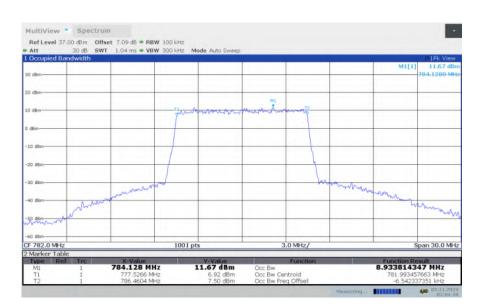


# LTE band 13 , 10MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 13, 10MHz Bandwidth, HIGH, 64QAM (99% BW)



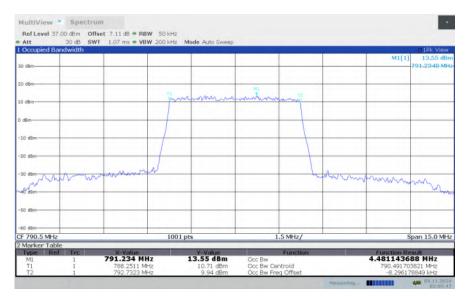




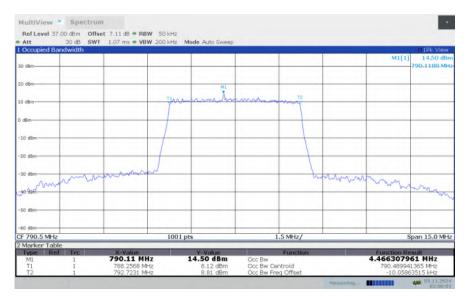
### LTE band 14,5MHz(99% OBW)

	Occupied Bandwidth (99% OBW)(MHz)		
Frequency (MHz)	QPSK	16QAM	64QAM
790.5	4.481	4.466	4.465
793	4.480	4.481	4.474
795.5	4.463	4.474	4.467

## LTE band 14, 5MHz Bandwidth, LOW, QPSK (99% BW)

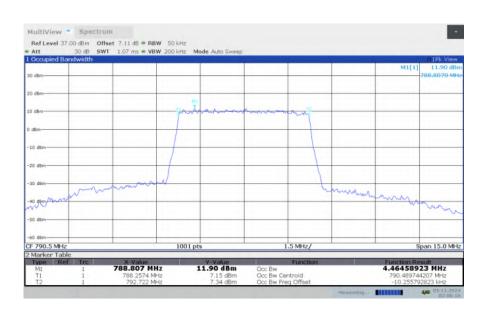


### LTE band 14, 5MHz Bandwidth, LOW, 16QAM (99% BW)

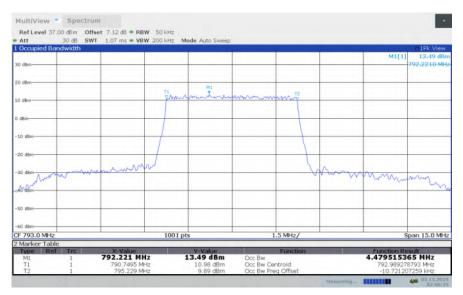


### LTE band 14, 5MHz Bandwidth, LOW, 64QAM (99% BW)





# LTE band 14 , 5MHz Bandwidth, MID, QPSK (99% BW)

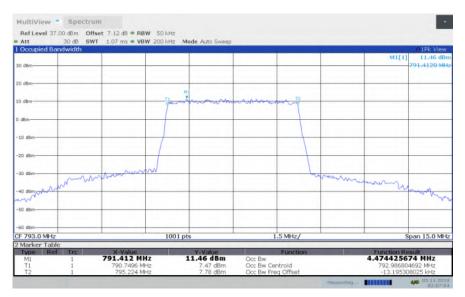


LTE band 14, 5MHz Bandwidth, MID, 16QAM (99% BW)





## LTE band 14 , 5MHz Bandwidth, MID, 64QAM (99% BW)

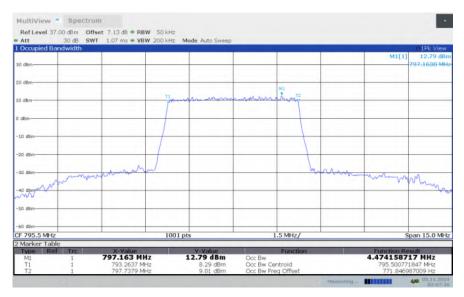


LTE band 14, 5MHz Bandwidth, HIGH, QPSK (99% BW)



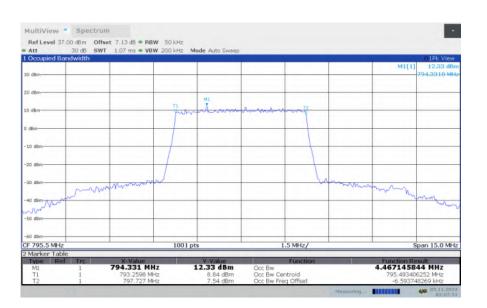


# LTE band 14 , 5MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 14, 5MHz Bandwidth, HIGH, 64QAM (99% BW)



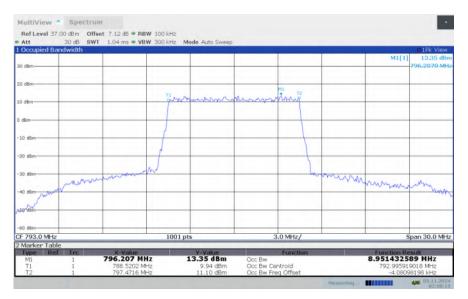




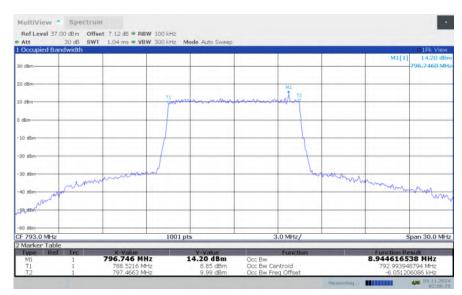
### LTE band 14,10MHz(99% OBW)

	Occupied Bandwidth (99% OBW)(MHz)		
Frequency (MHz)	QPSK	16QAM	64QAM
793	8.951	8.945	8.951
793	8.964	8.950	8.930
793	8.962	8.944	8.936

## LTE band 14, 10MHz Bandwidth, LOW, QPSK (99% BW)

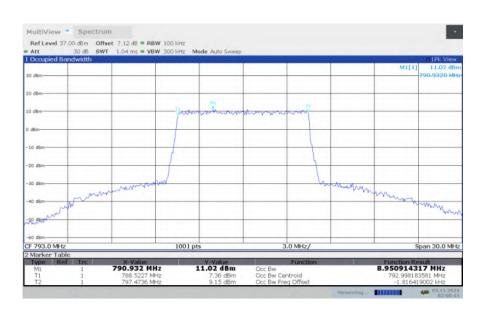


### LTE band 14, 10MHz Bandwidth, LOW, 16QAM (99% BW)

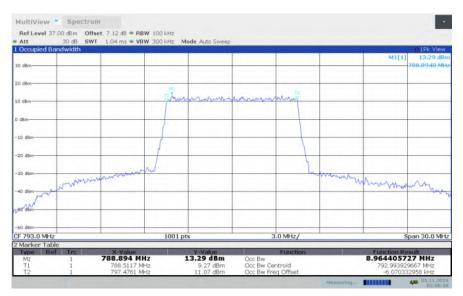


### LTE band 14, 10MHz Bandwidth, LOW, 64QAM (99% BW)





## LTE band 14, 10MHz Bandwidth, MID, QPSK (99% BW)

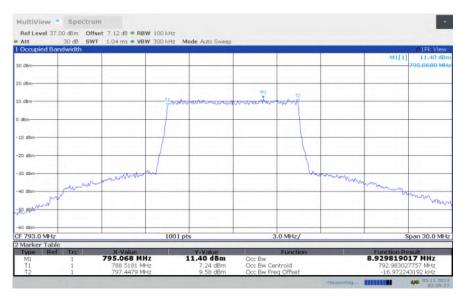


LTE band 14, 10MHz Bandwidth, MID, 16QAM (99% BW)



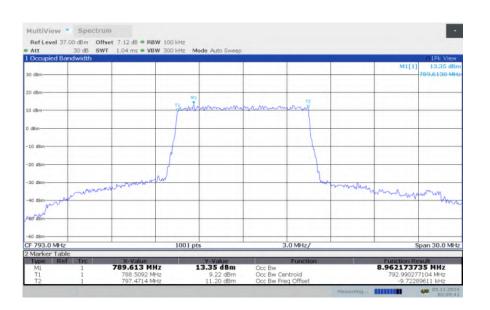


## LTE band 14, 10MHz Bandwidth, MID, 64QAM (99% BW)

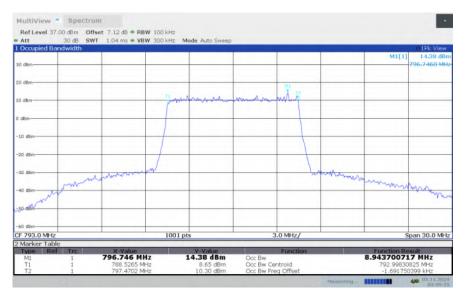


LTE band 14, 10MHz Bandwidth, HIGH, QPSK (99% BW)



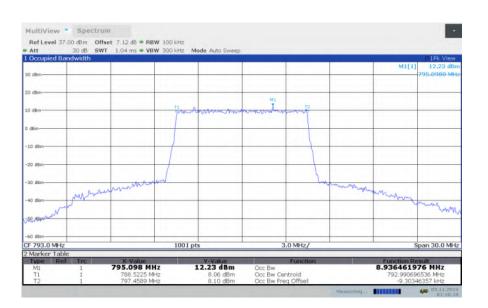


# LTE band 14 , 10MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 14, 10MHz Bandwidth, HIGH, 64QAM (99% BW)



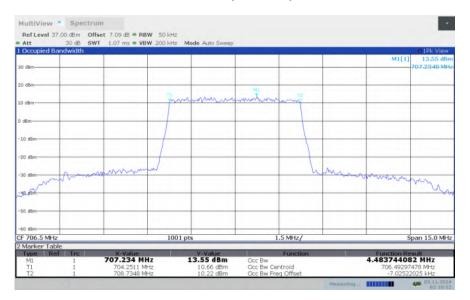




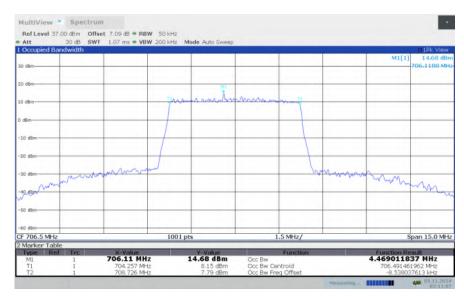
### LTE band 17,5MHz(99% OBW)

	Occupied Bandwidth (99% OBW)(MHz)		
Frequency (MHz)	QPSK	16QAM	64QAM
706.5	4.484	4.469	4.468
710	4.478	4.477	4.472
713.5	4.461	4.469	4.462

## LTE band 17, 5MHz Bandwidth, LOW, QPSK (99% BW)



### LTE band 17, 5MHz Bandwidth, LOW, 16QAM (99% BW)

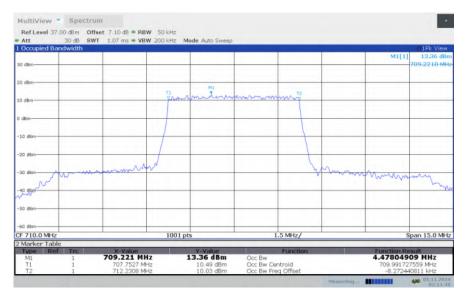


### LTE band 17, 5MHz Bandwidth, LOW, 64QAM (99% BW)



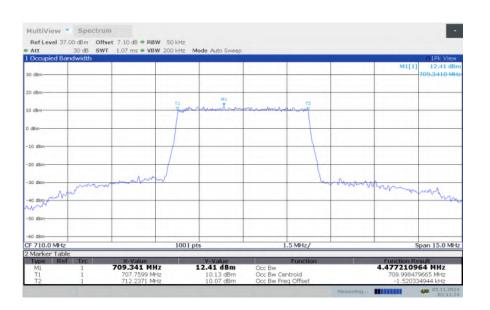


# LTE band 17 , 5MHz Bandwidth, MID, QPSK (99% BW)

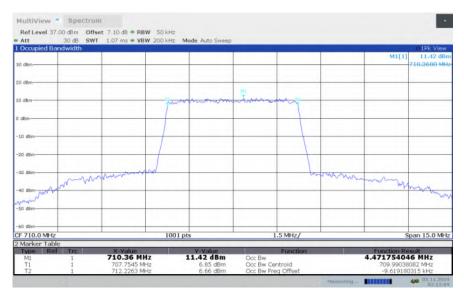


LTE band 17, 5MHz Bandwidth, MID, 16QAM (99% BW)



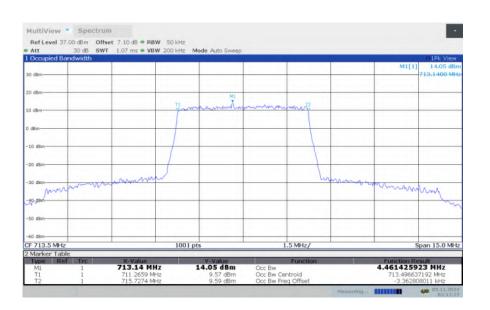


# LTE band 17, 5MHz Bandwidth, MID, 64QAM (99% BW)

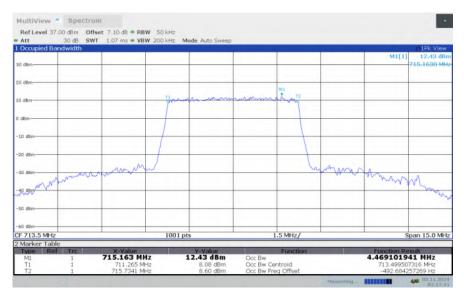


LTE band 17, 5MHz Bandwidth, HIGH, QPSK (99% BW)



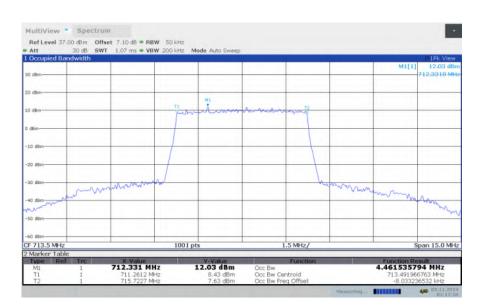


# LTE band 17, 5MHz Bandwidth, HIGH, 16QAM (99% BW)



LTE band 17, 5MHz Bandwidth, HIGH, 64QAM (99% BW)



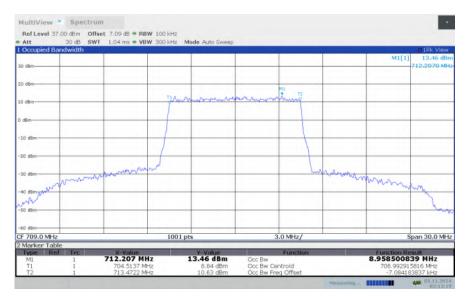




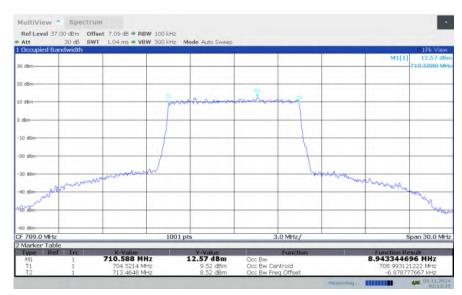
### LTE band 17,10MHz(99% OBW)

	Occupied Bandwidth (99% OBW)(MHz)		
Frequency (MHz)	QPSK	16QAM	64QAM
709	8.959	8.943	8.944
710	8.927	8.951	8.940
711	8.938	8.932	8.936

# LTE band 17, 10MHz Bandwidth, LOW, QPSK (99% BW)



### LTE band 17, 10MHz Bandwidth, LOW, 16QAM (99% BW)

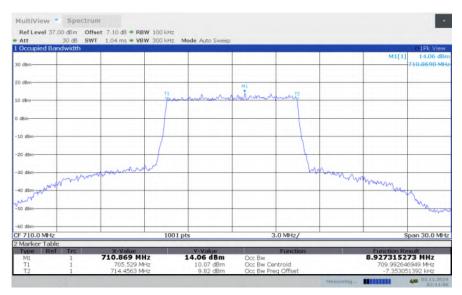


### LTE band 17, 10MHz Bandwidth, LOW, 64QAM (99% BW)



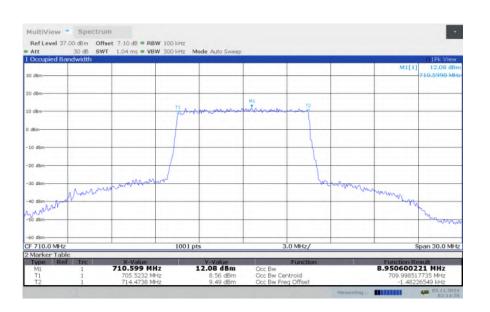


# LTE band 17 , 10MHz Bandwidth, MID, QPSK (99% BW)

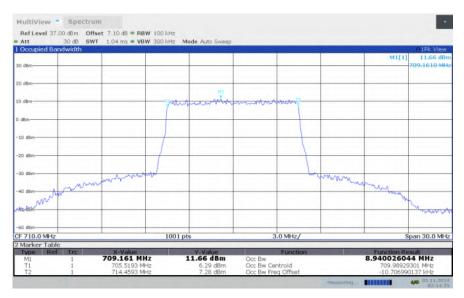


LTE band 17, 10MHz Bandwidth, MID, 16QAM (99% BW)





## LTE band 17, 10MHz Bandwidth, MID, 64QAM (99% BW)



LTE band 17, 10MHz Bandwidth, HIGH, QPSK (99% BW)