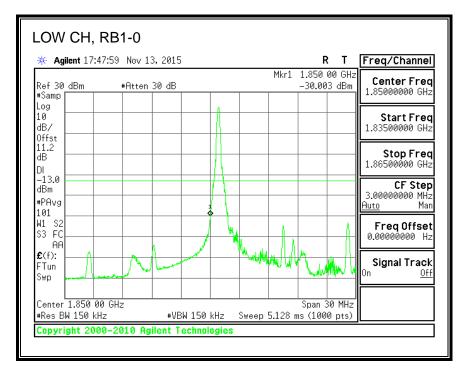
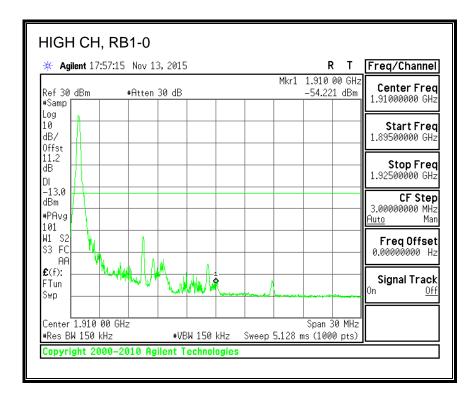
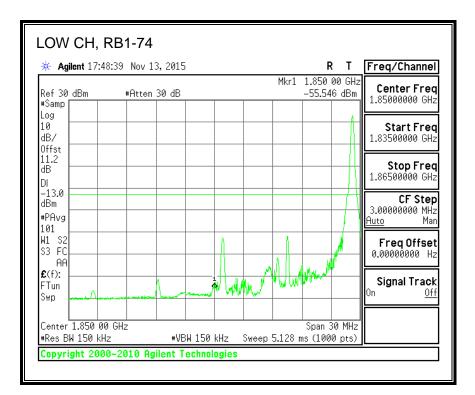
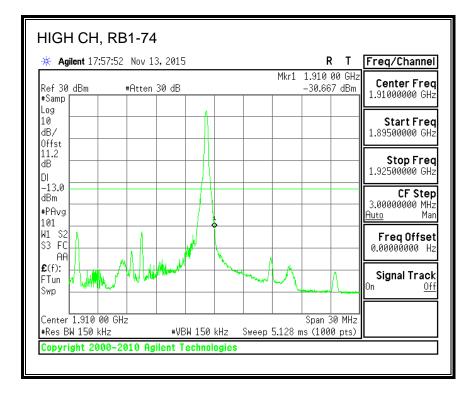
# QPSK, (15.0 MHz BAND WIDTH)



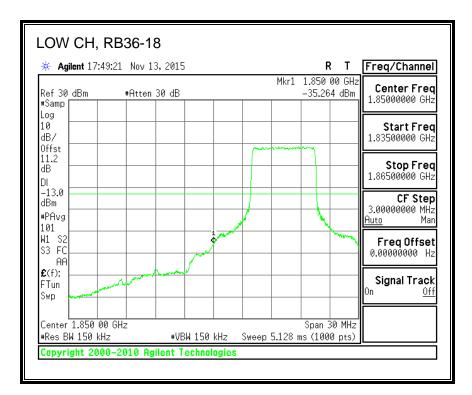


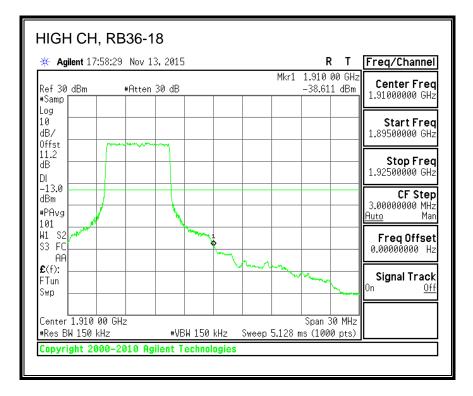
Page 224 of 1111



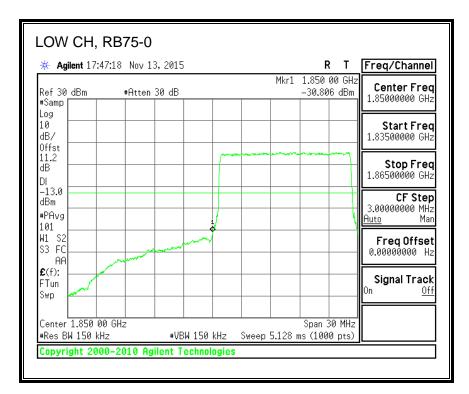


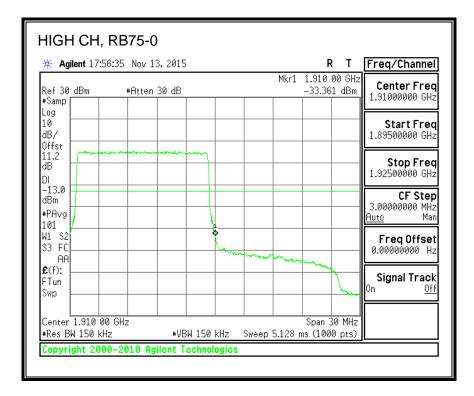
Page 225 of 1111





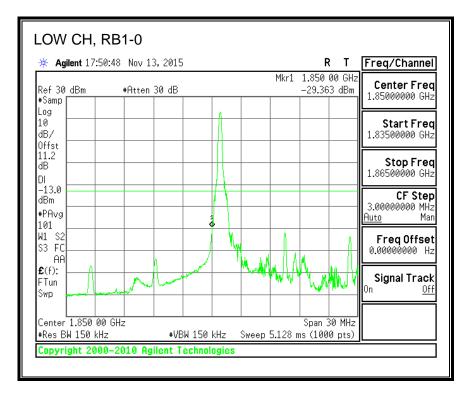
Page 226 of 1111

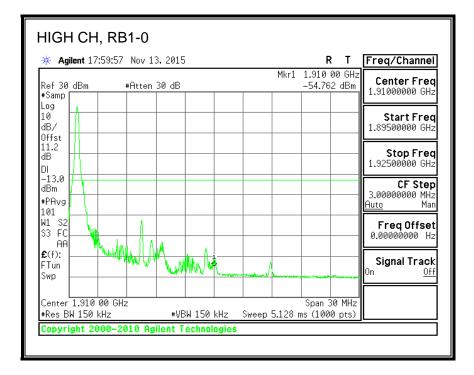




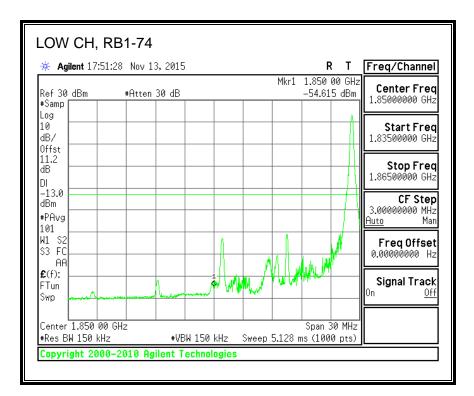
Page 227 of 1111

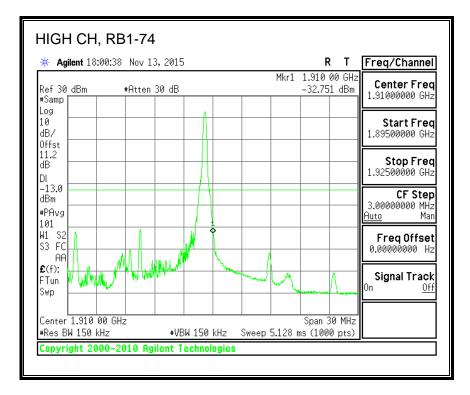
# 16QAM, (15.0 MHz BAND WIDTH)



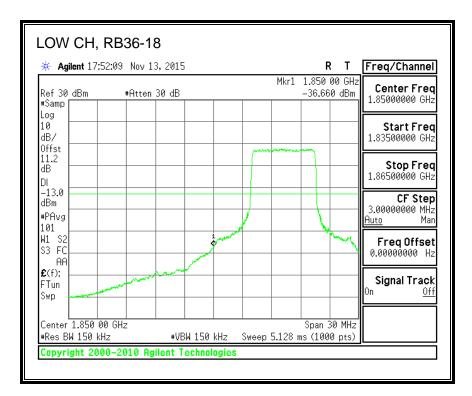


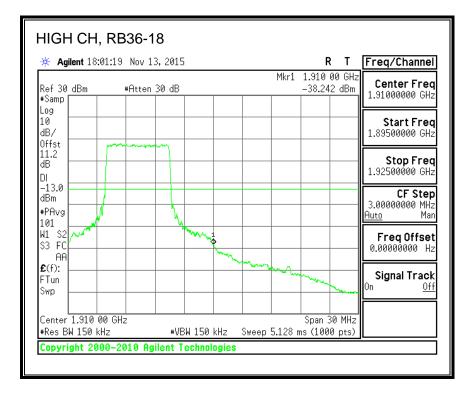
Page 228 of 1111



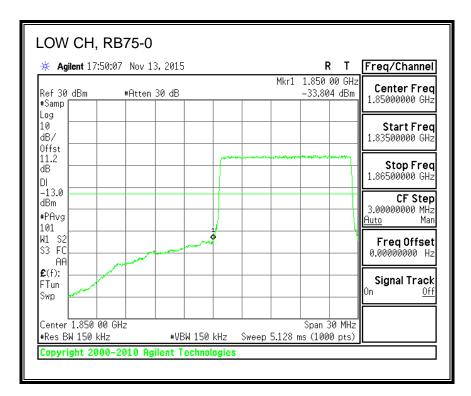


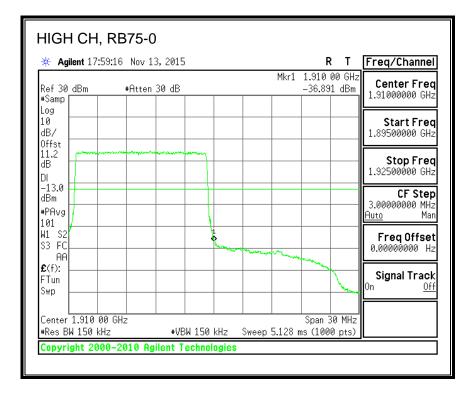
Page 229 of 1111





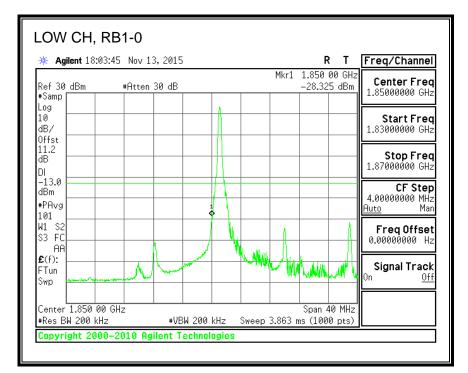
Page 230 of 1111

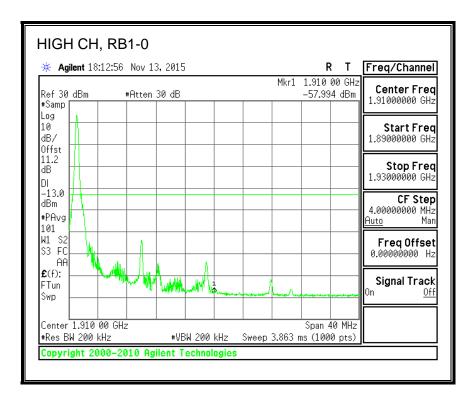




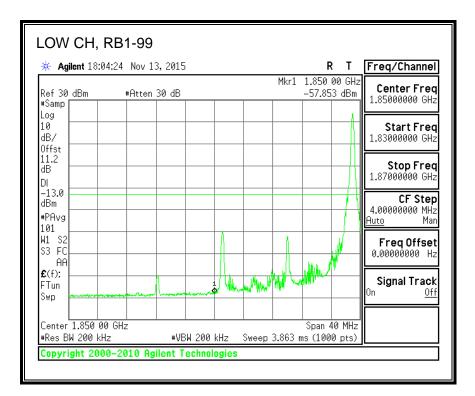
Page 231 of 1111

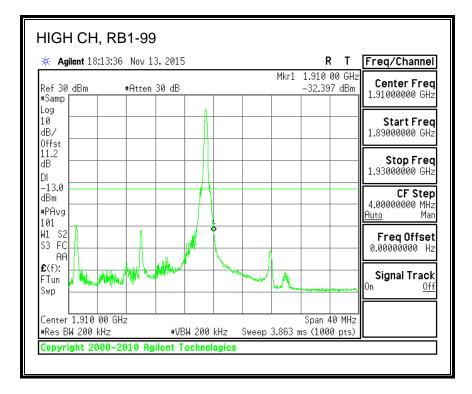
# QPSK, (20.0 MHz BAND WIDTH)



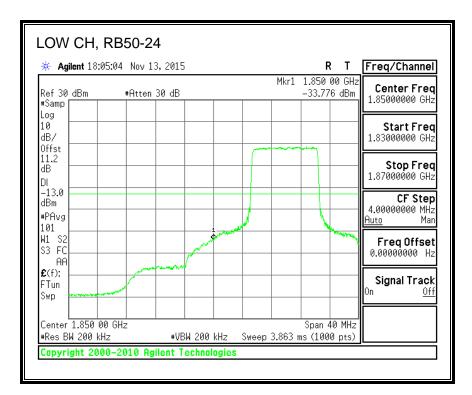


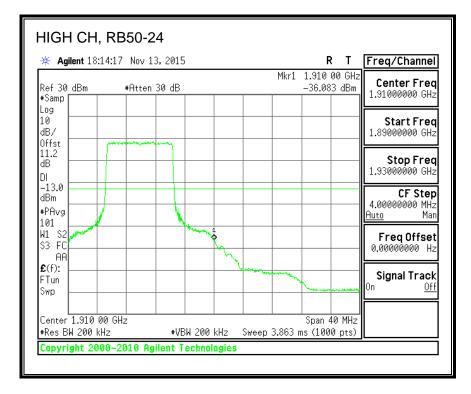
Page 232 of 1111



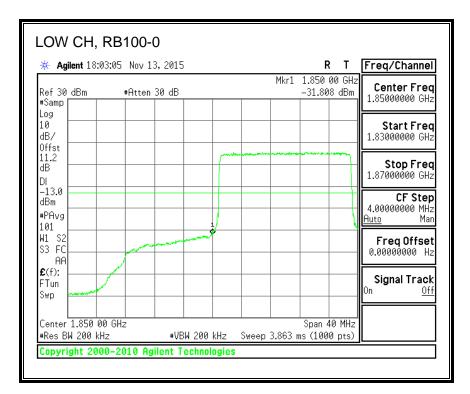


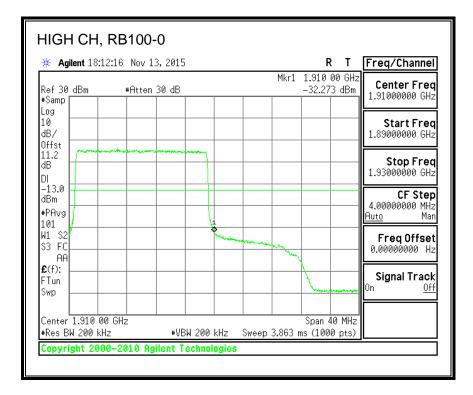
Page 233 of 1111





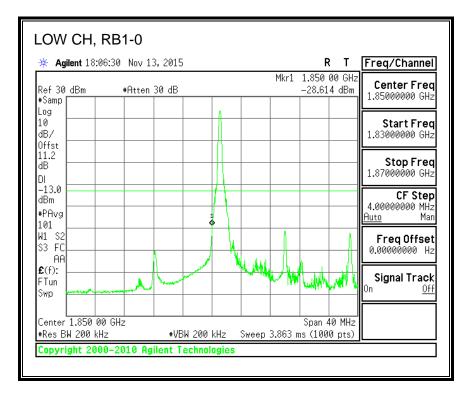
Page 234 of 1111

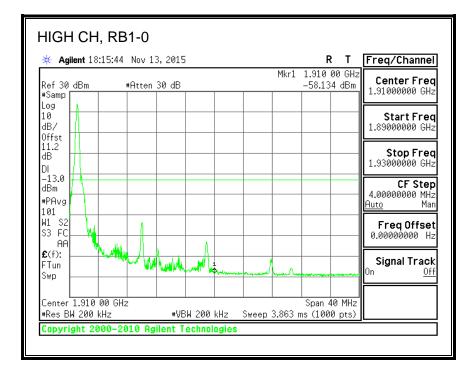




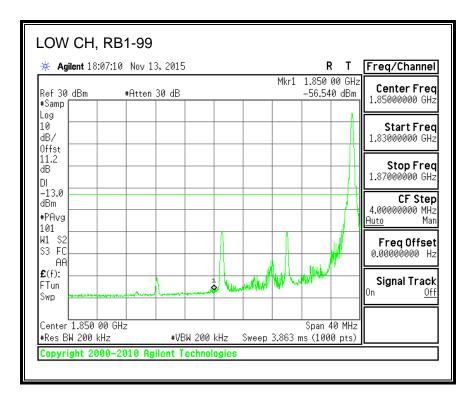
Page 235 of 1111

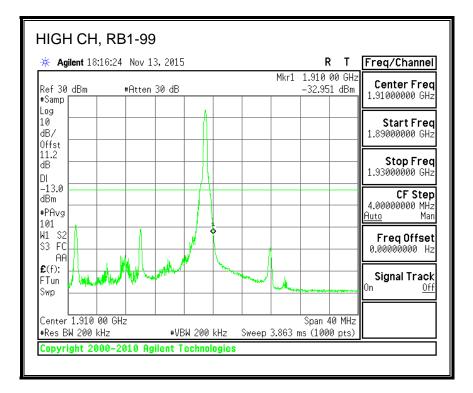
# 16QAM, (20.0 MHz BAND WIDTH)



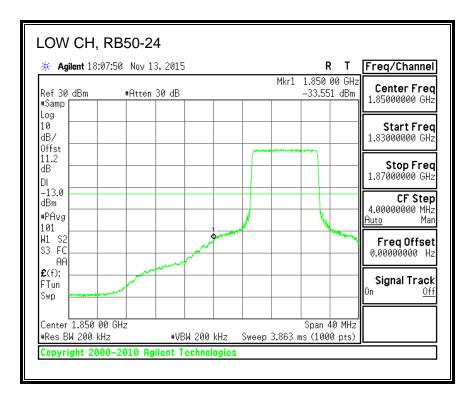


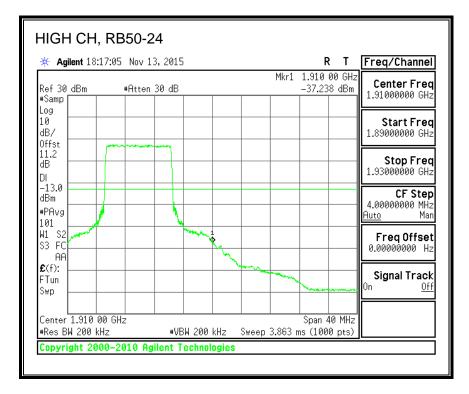
Page 236 of 1111



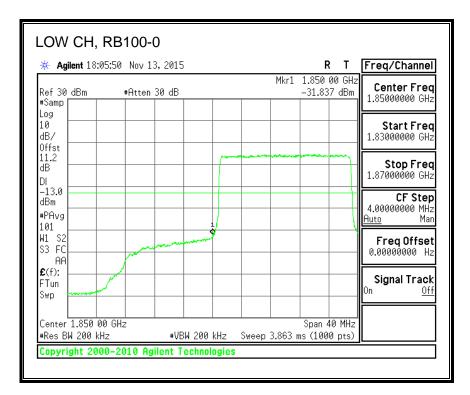


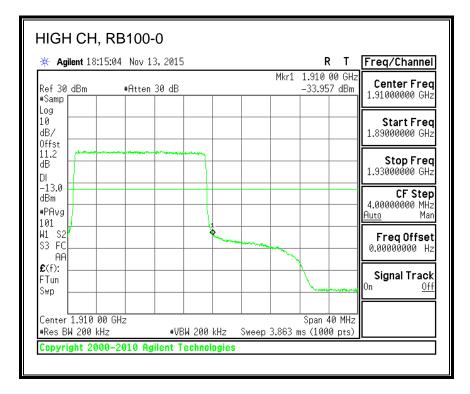
Page 237 of 1111





Page 238 of 1111

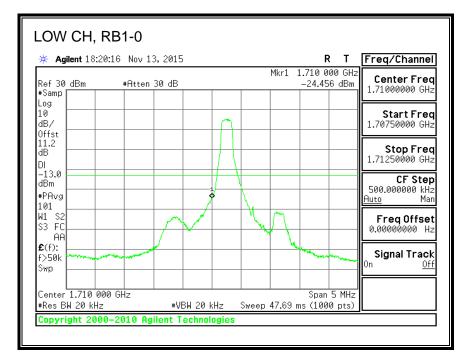


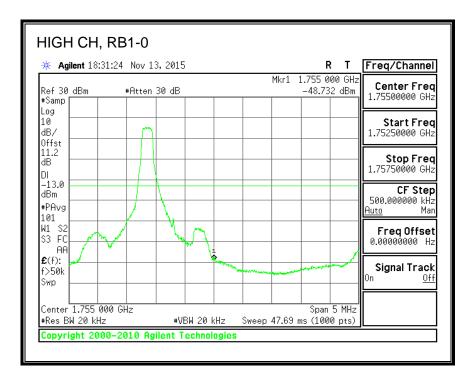


Page 239 of 1111

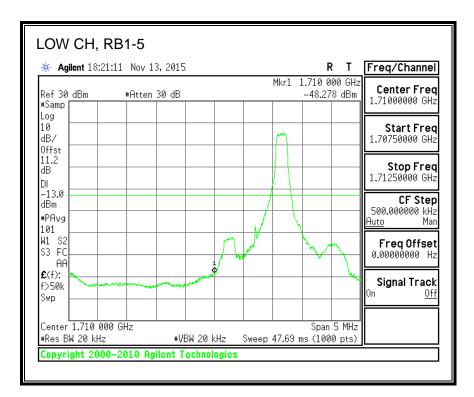
# 8.2.2. LTE BAND 4 BANDEDGE

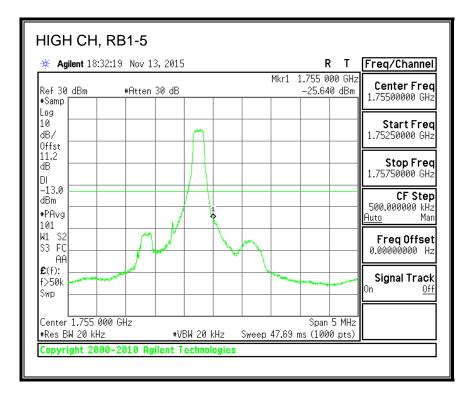
#### **QPSK, (1.4 MHz BAND WIDTH)**



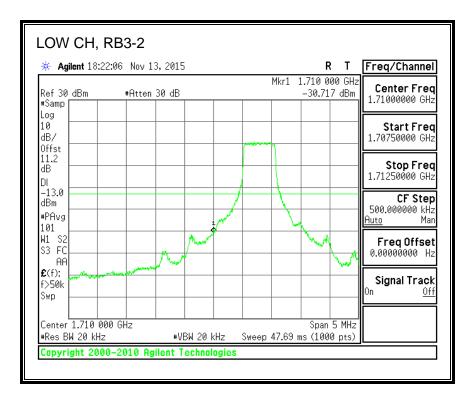


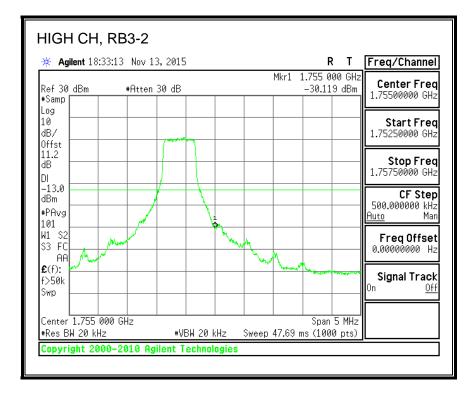
Page 240 of 1111



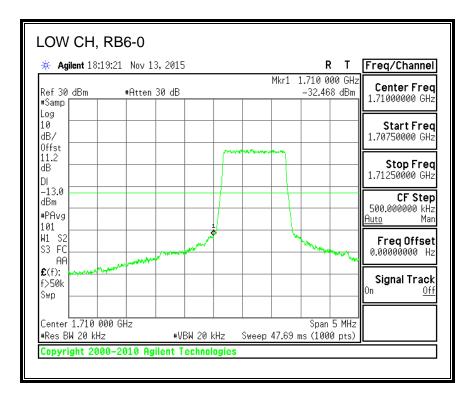


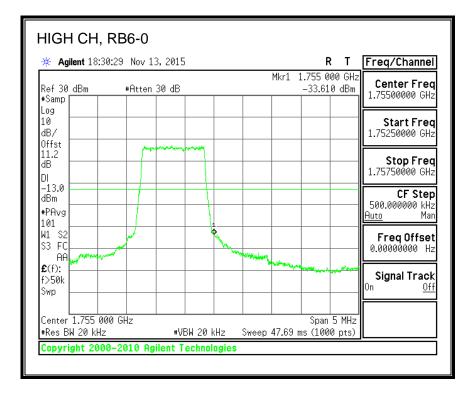
Page 241 of 1111





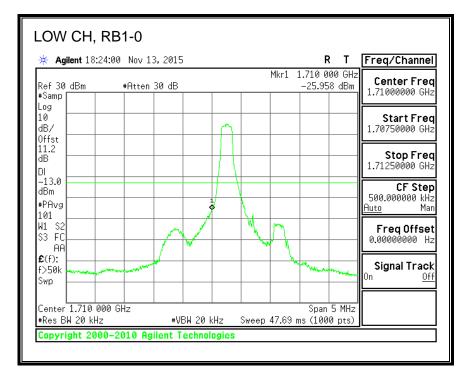
Page 242 of 1111

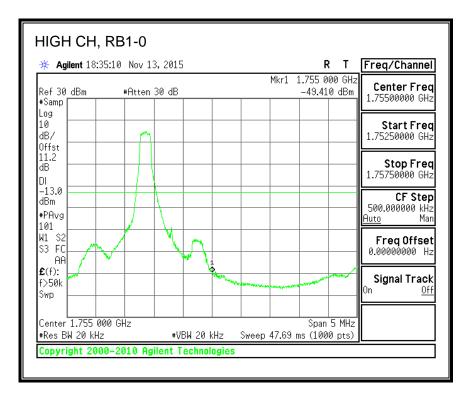




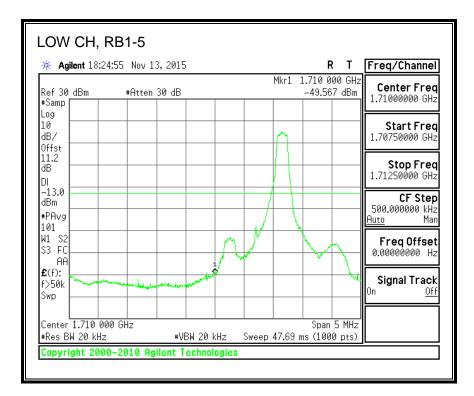
Page 243 of 1111

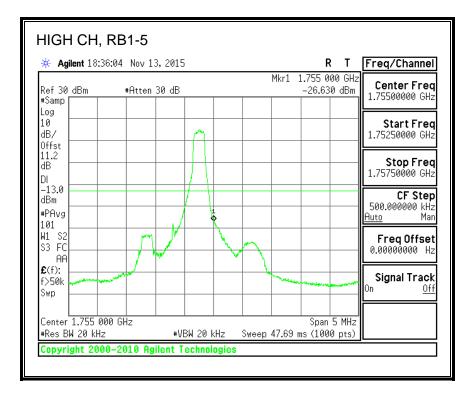
# 16QAM, (1.4 MHz BAND WIDTH)



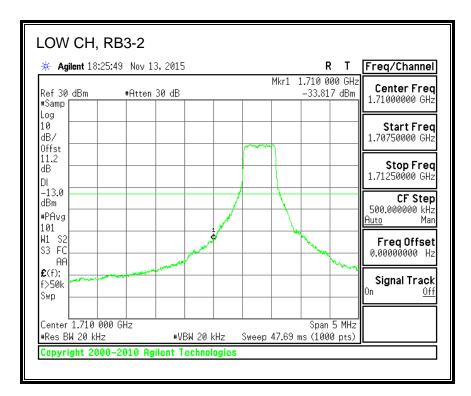


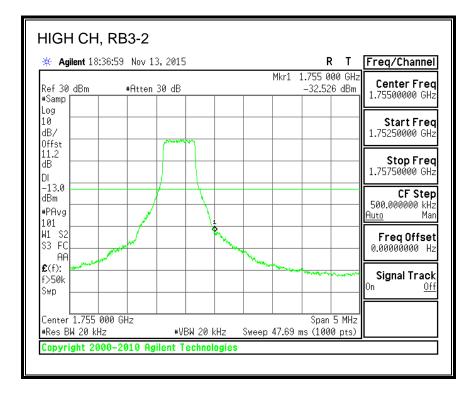
Page 244 of 1111



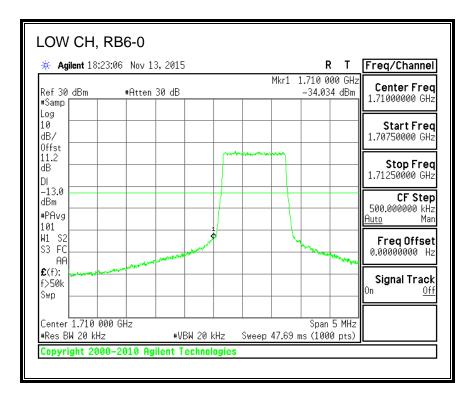


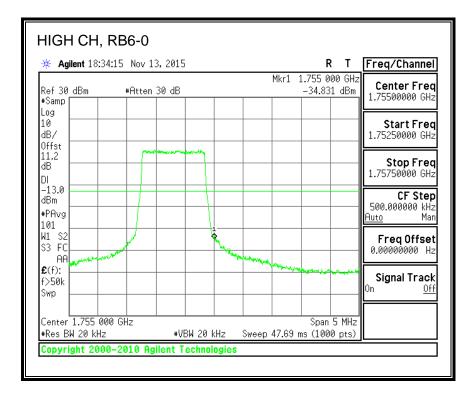
Page 245 of 1111





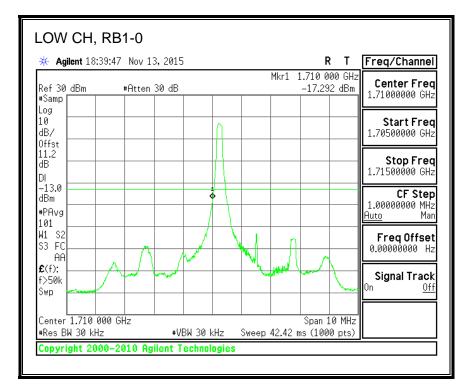
Page 246 of 1111

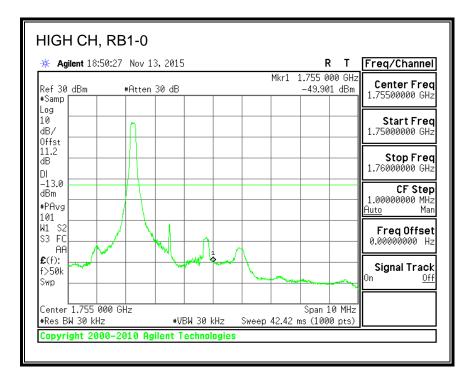




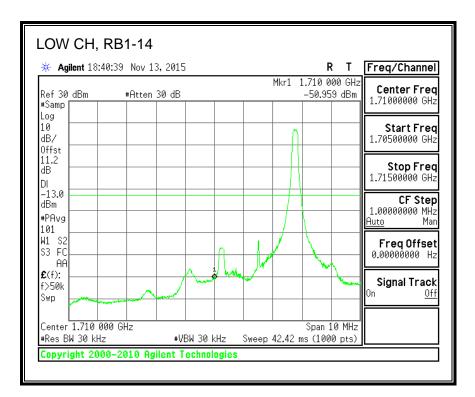
Page 247 of 1111

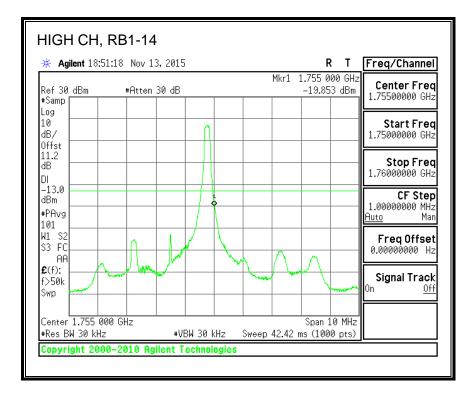
# QPSK, (3.0 MHz BAND WIDTH)



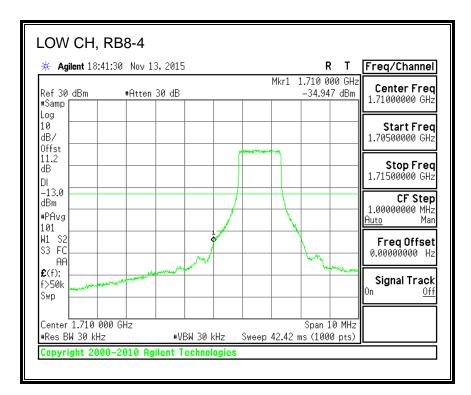


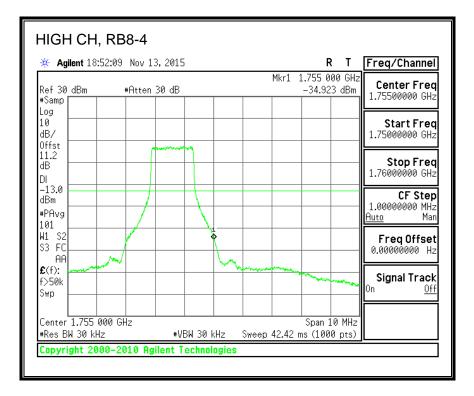
Page 248 of 1111





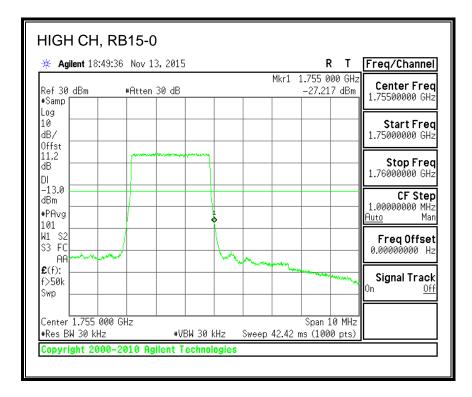
Page 249 of 1111





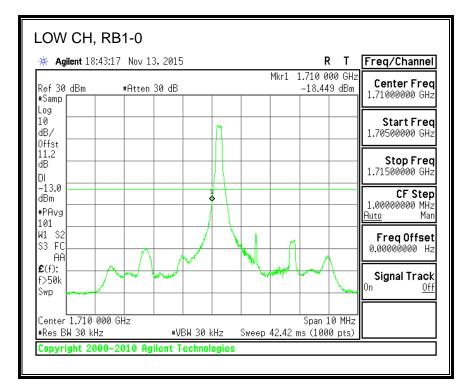
Page 250 of 1111

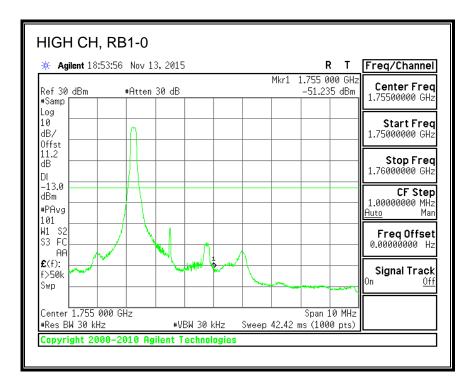
🔆 Agilent 18::	38:56 Nov 13, 20	115		R		Freq/Channe
Ref 30 dBm	#Atten 30 d	IB	Mkr1	1.710 000 -25.962		Center Fred 1.71000000 GH:
#Samp Log						1.71000000 011
10 dB/						Start Fred 1.70500000 GH:
Offst					— Iļ	1.78588888 011
11.2 dB			erfor te by ter rough you (denited to she	$\mathbb{H}$		Stop Fred 1.71500000 GH;
DI						1.71300000 000
dBm						CF Step 1.00000000 MH;
#PAvg 101		1				<u>Auto</u> Mai
W1 S2						Freq Offse
S3 FC	- maran	and the second second		have	and the second	0.00000000 H:
<b>£</b> (f):	and the second of the second of the second s				li	<u>.</u>
t>50K						Signal Tracl
Swp						011 <u>01</u>
Center 1.710 0 #Res BW 30 kH:		#VBW 30 kHz	Sweep 42.42	Span 10		



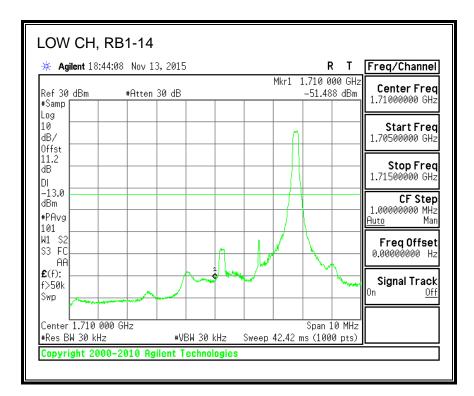
Page 251 of 1111

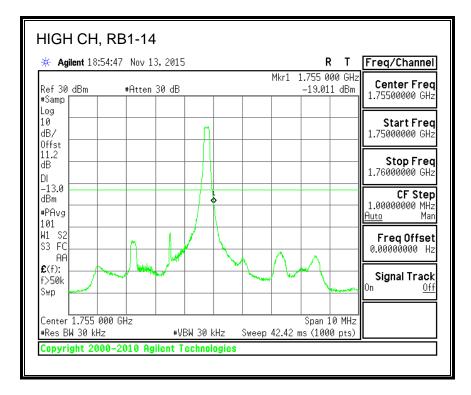
# 16QAM, (3.0 MHz BAND WIDTH)



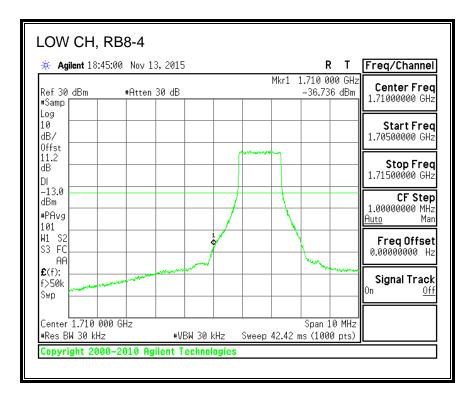


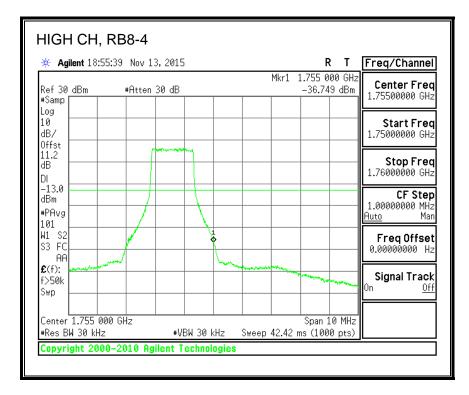
Page 252 of 1111





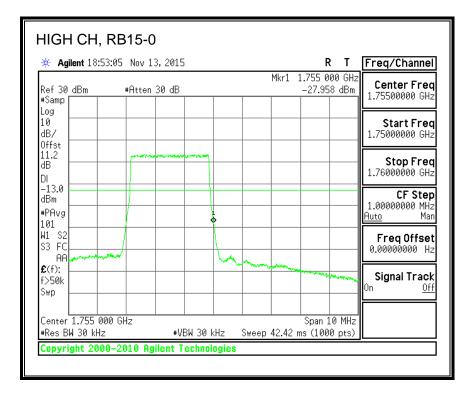
Page 253 of 1111





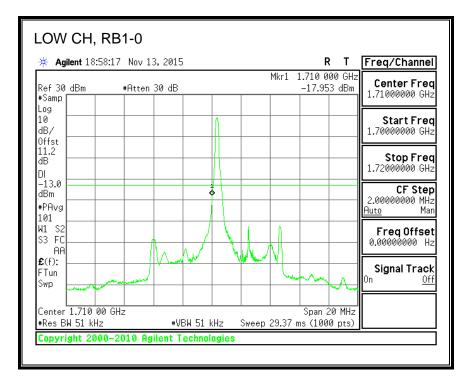
Page 254 of 1111

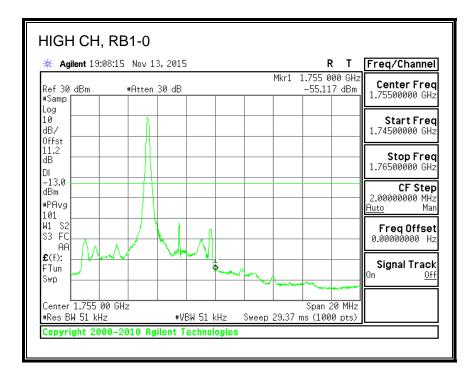
🔆 Agilent 18:4	2:26 Nov 13, 2015			RT	Freq/Channel
Ref 30 dBm #Samp	#Atten 30 dB			0 000 GHz 6.170 dBm	Center Fred 1.71000000 GHz
Log 10 dB/					Start Frec 1.70500000 GHz
11.2 dB DI					Stop Fred 1.71500000 GHz
-13.0 dBm #PAvg 101		1			<b>CF Step</b> 1.00000000 MHz <u>Auto</u> Mar
W1 S2 S3 FC AA	and the second s	~		a mar	Freq Offset 0.00000000 Hz
£(f): f>50k Swp					<b>Signal Track</b> On <u>Off</u>
Center 1.710 00 #Res BW 30 kHz		30 kHz Swee	Sp p 42.42 ms (	an 10 MHz 1000 ptc)	



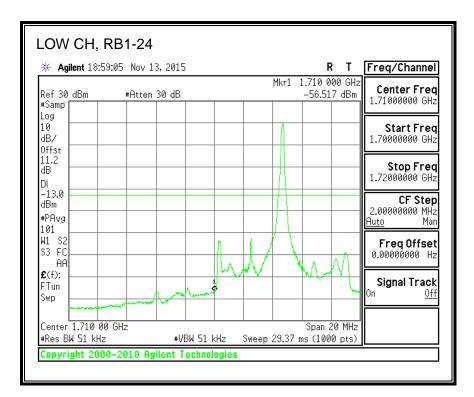
Page 255 of 1111

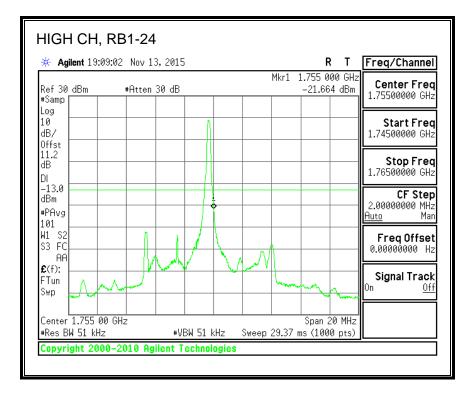
# QPSK, (5.0 MHz BAND WIDTH)



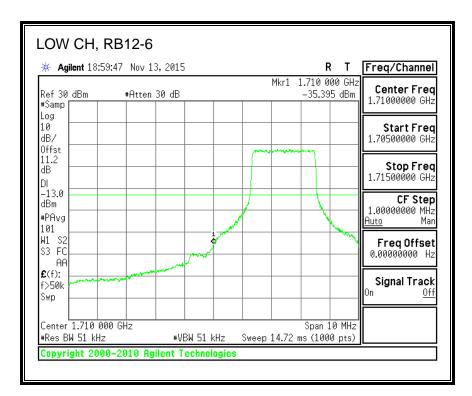


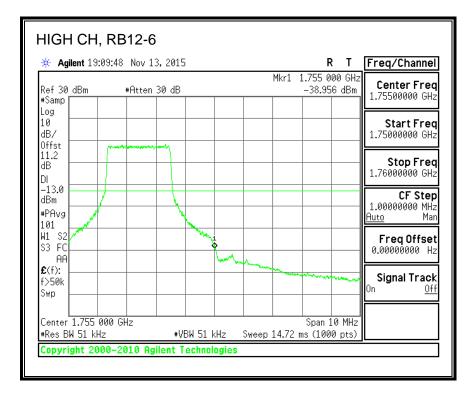
Page 256 of 1111



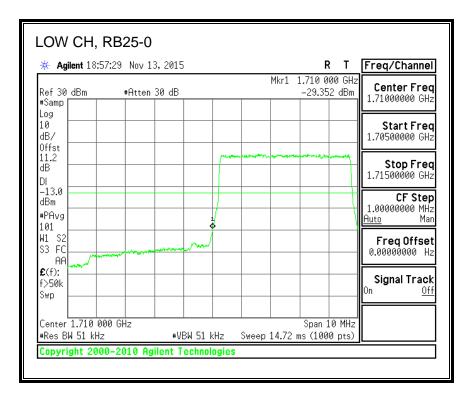


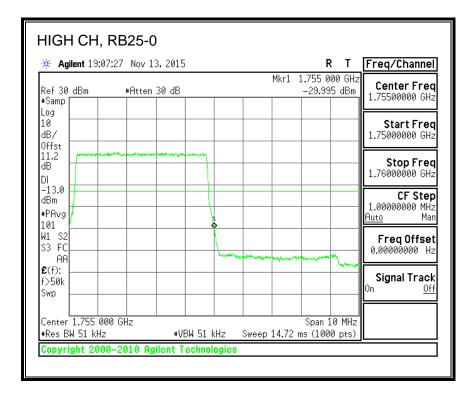
Page 257 of 1111





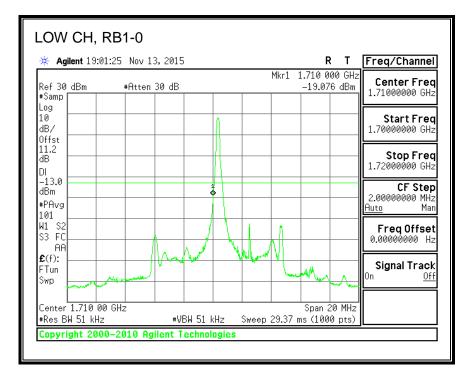
Page 258 of 1111

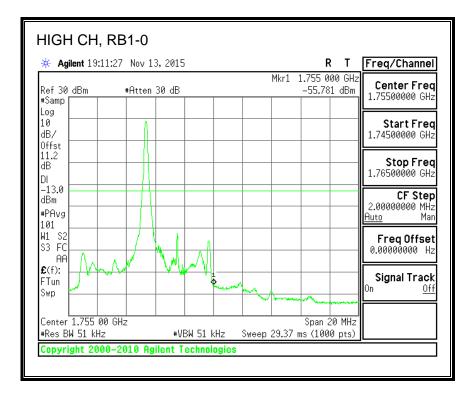




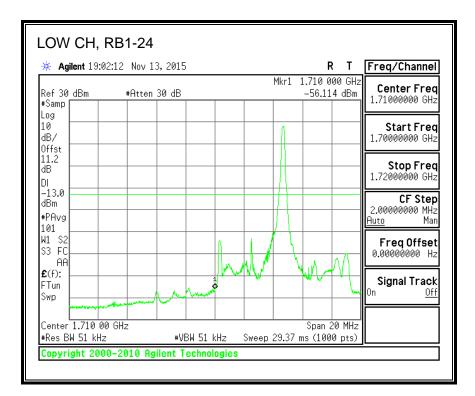
Page 259 of 1111

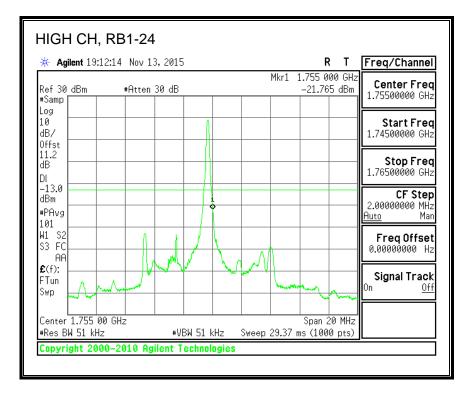
### 16QAM, (5.0 MHz BAND WIDTH)



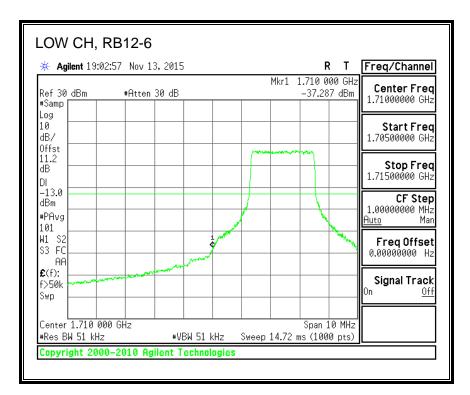


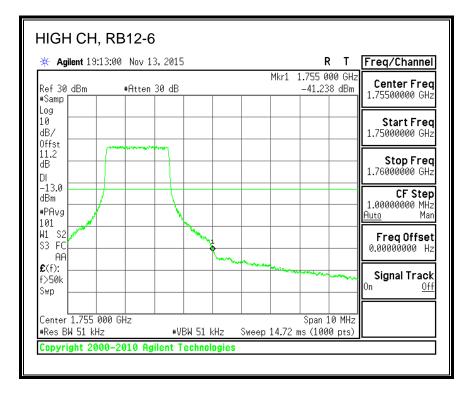
Page 260 of 1111





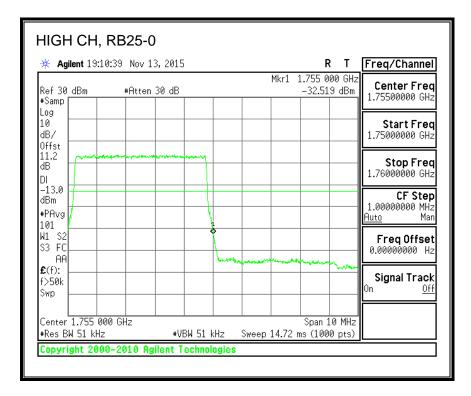
Page 261 of 1111





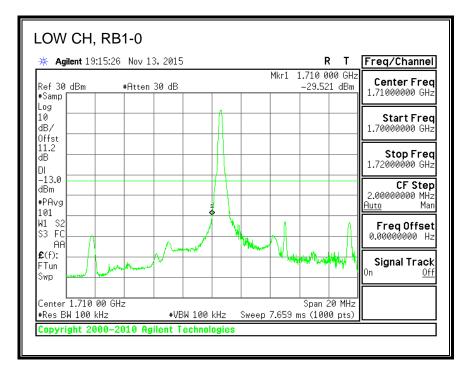
Page 262 of 1111

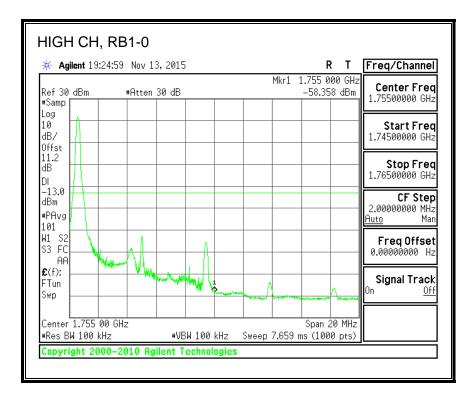
🔆 Agilent 19:0	0:37 Nov 13, 2015			R		Freq/Channe
Ref 30 dBm #Samp	#Atten 30 dB		Mkr1	1.710 000 -31.768		Center Fre 1.71000000 GH
Log 10						Ctout Fue
dB/						Start Fre 1.70500000 GH
dB						Stop Fre
DI						1.71500000 GH
dBm #PAvg					-+	CF Ste 1.00000000 MH
101						<u>Auto</u> Ma
W1 S2 S3 FC AA	have a second and a second	_rom/				FreqOffse 0.00000000 H
£(f):						Signal Trac
Swp						0n <u>Of</u>
Center 1.710 00				Span 10	MU-	



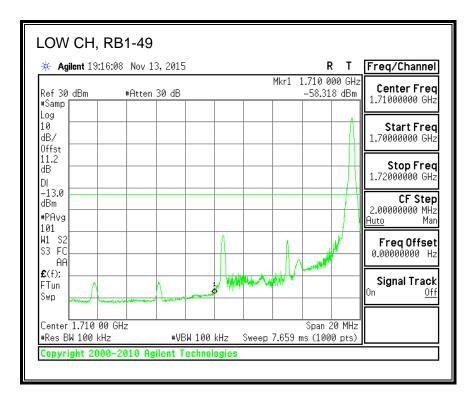
Page 263 of 1111

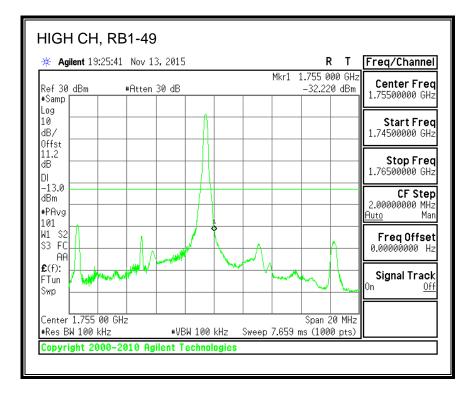
#### QPSK, (10.0 MHz BAND WIDTH)



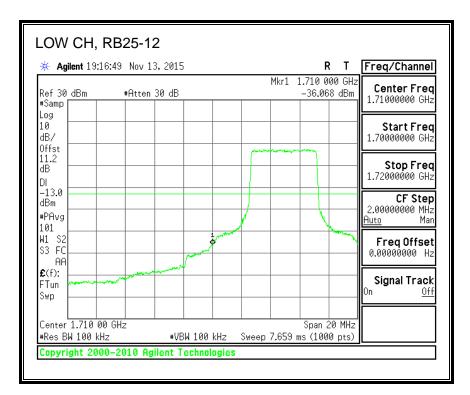


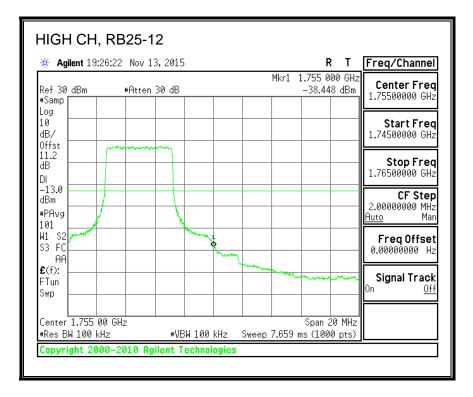
Page 264 of 1111



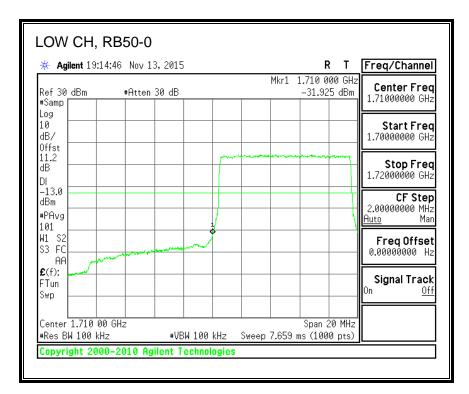


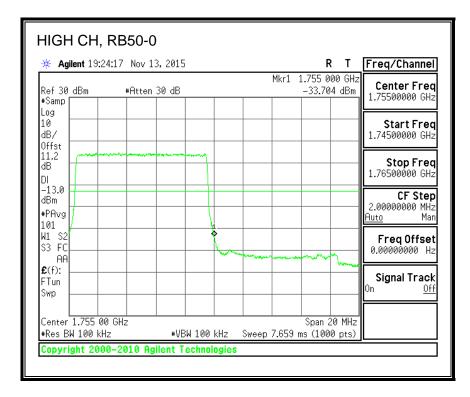
Page 265 of 1111





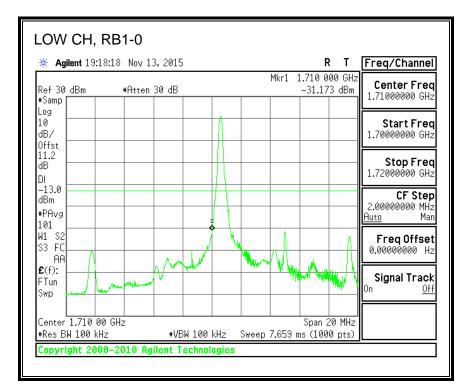
Page 266 of 1111

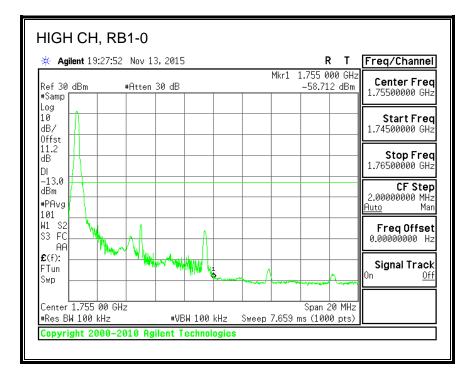




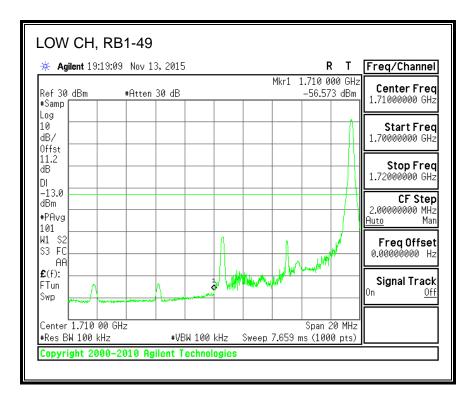
Page 267 of 1111

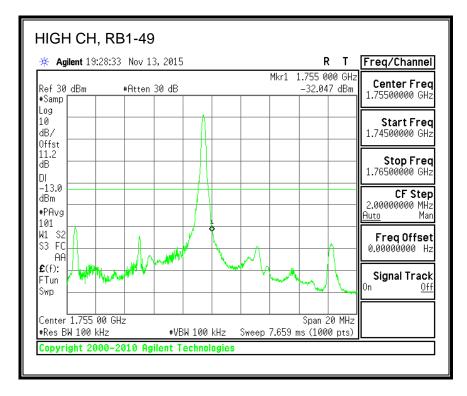
#### 16QAM, (10.0 MHz BAND WIDTH)



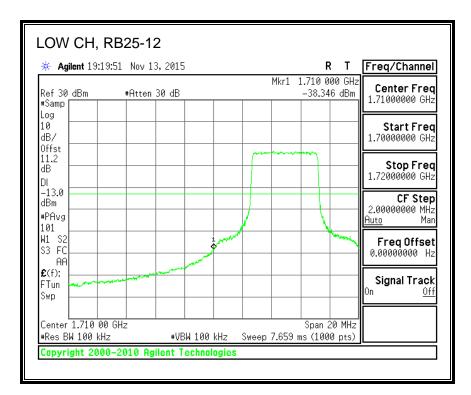


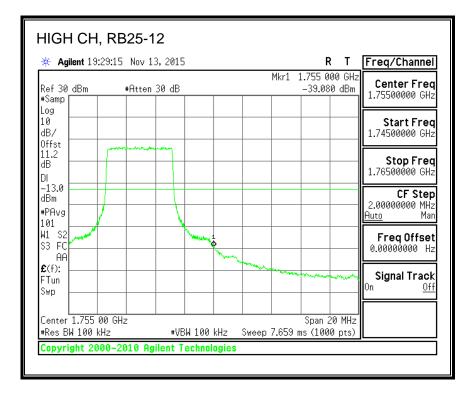
Page 268 of 1111





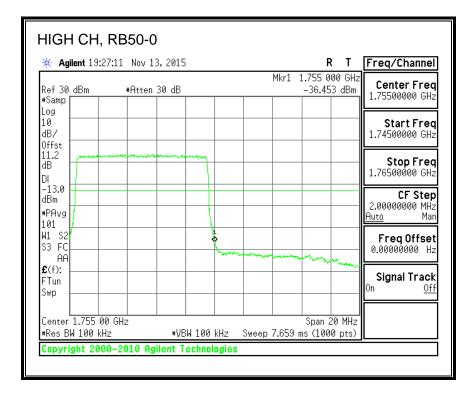
Page 269 of 1111





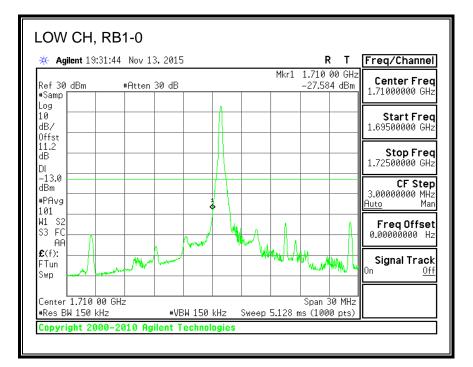
Page 270 of 1111

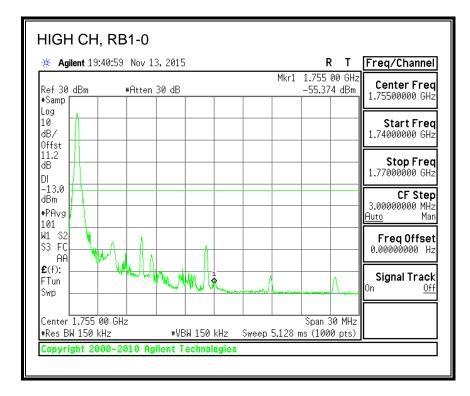
🔆 Agilent 19:	17:36 Nov 1	3,2015				R	Т	Freq/Channe
Ref 30 dBm #Samp	#Atten	30 dB		Mł	kr1 1.7: -3	10 000 4.119		Center Fred 1.71000000 GH
Log 10								Start Free
dB/ Offst								1.70000000 GH
11.2 dB DI								Stop Free 1.72000000 GH
–13.0 dBm						_		CF Ste
#PAvg 101								2.00000000 MH <u>Auto</u> Ma
W1 S2 S3 FC AA			-			_		Freq Offse 0.00000000 H
£(f):						_		Signal Trac
Swp							_	0n <u>0f</u>
Center 1.710 #Res BW 100 k			 a	Sweep 7.		) 1 Jan 20		



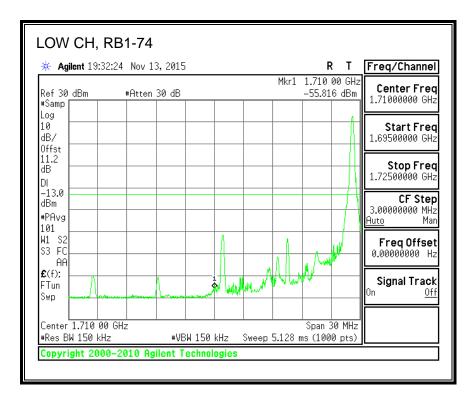
Page 271 of 1111

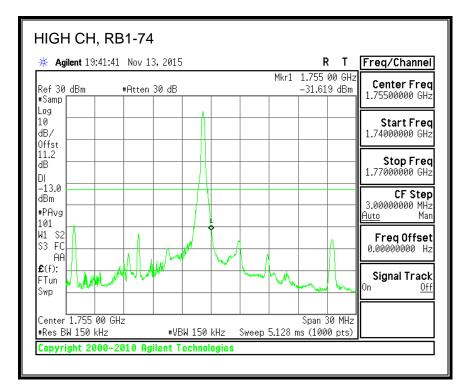
### QPSK, (15.0 MHz BAND WIDTH)



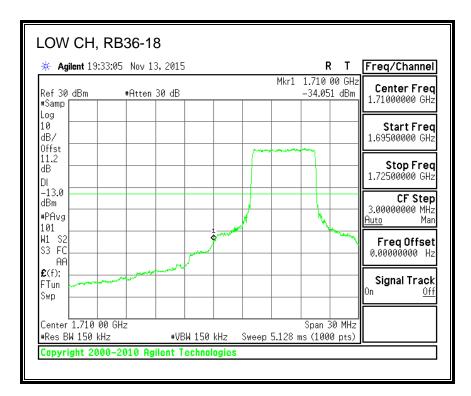


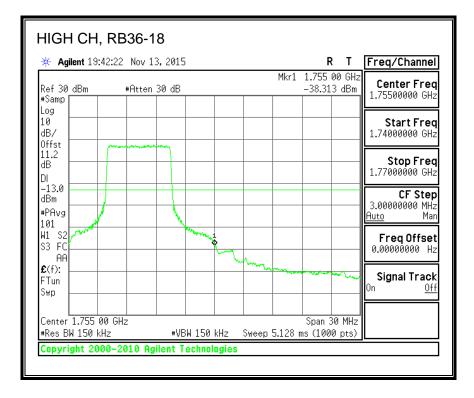
Page 272 of 1111



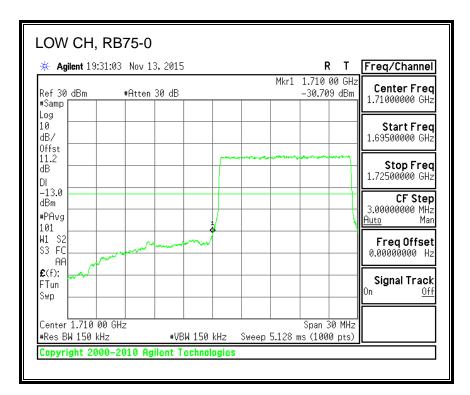


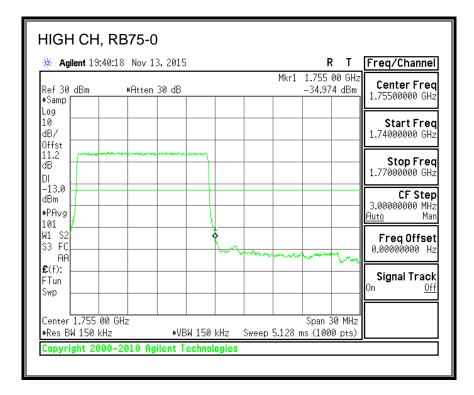
Page 273 of 1111





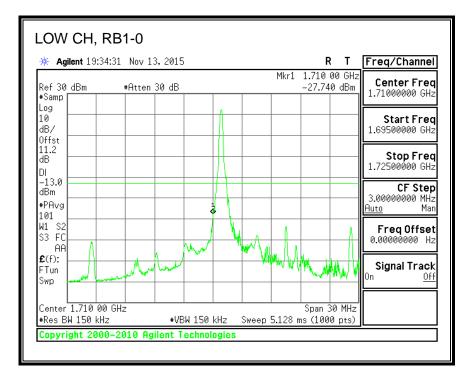
Page 274 of 1111

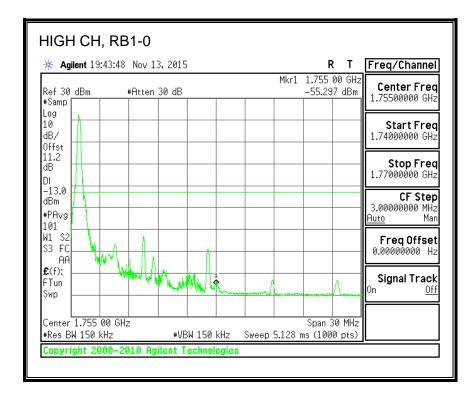




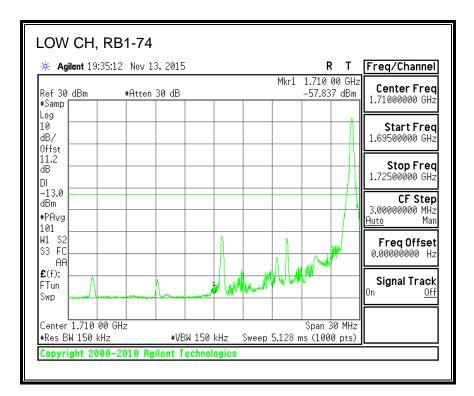
Page 275 of 1111

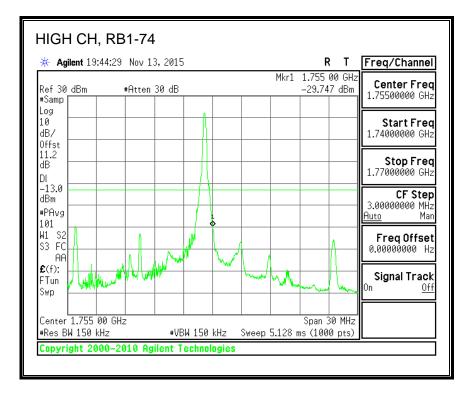
### 16QAM, (15.0 MHz BAND WIDTH)



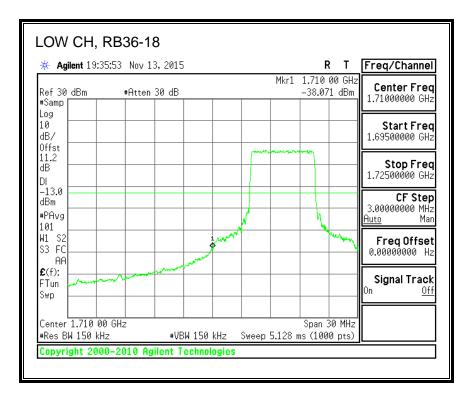


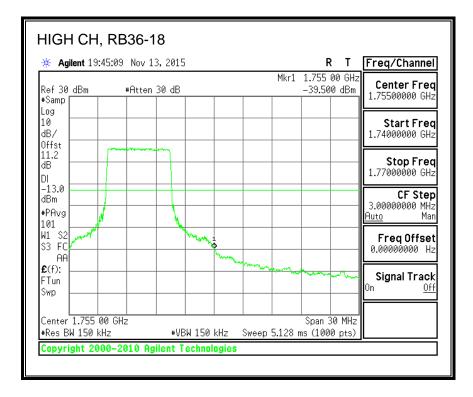
Page 276 of 1111



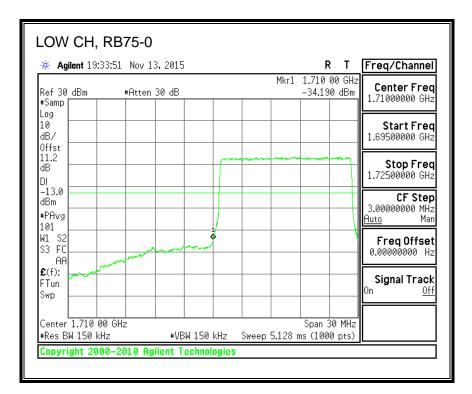


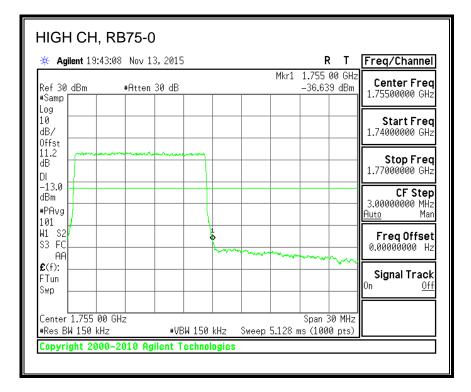
Page 277 of 1111





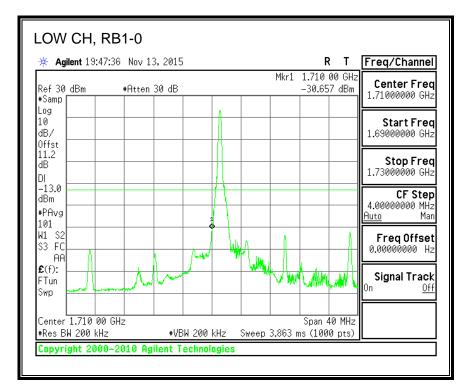
Page 278 of 1111

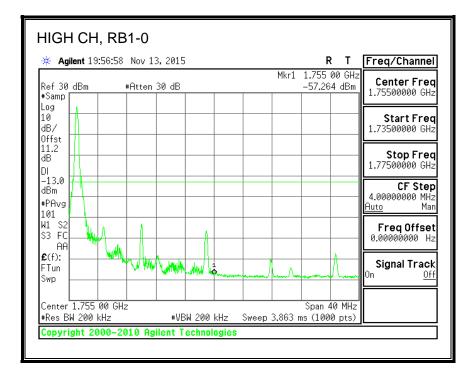




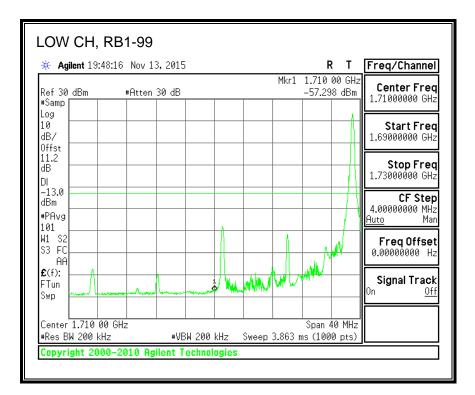
Page 279 of 1111

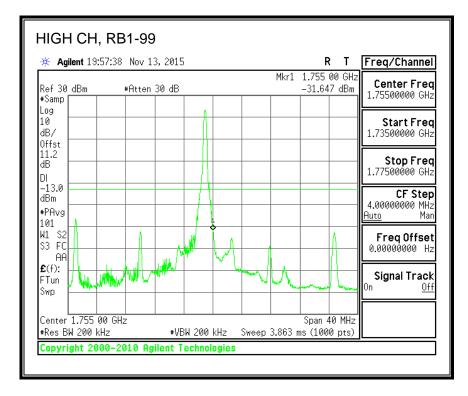
#### QPSK, (20.0 MHz BAND WIDTH)



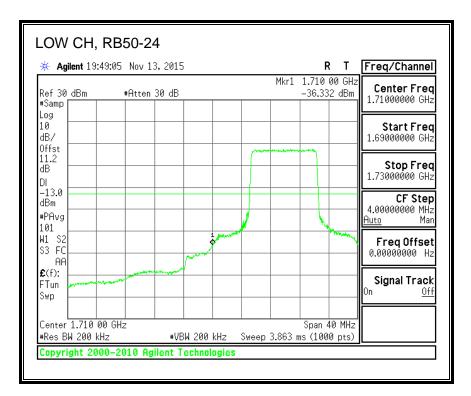


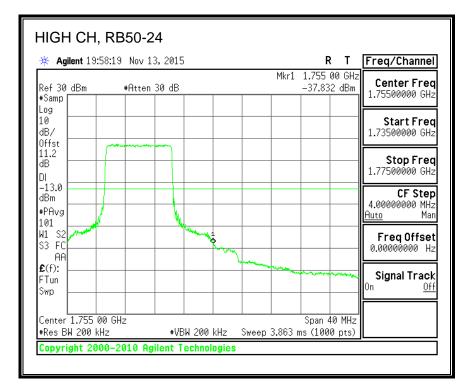
Page 280 of 1111



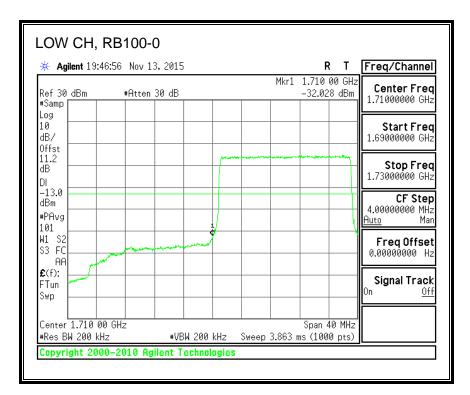


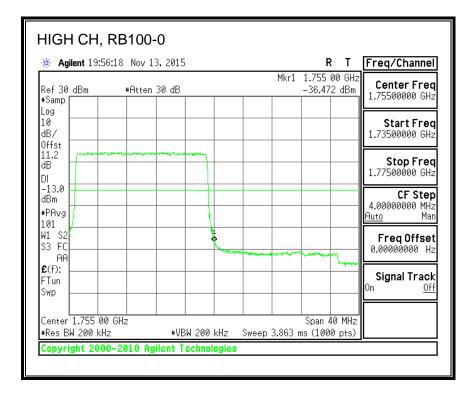
Page 281 of 1111





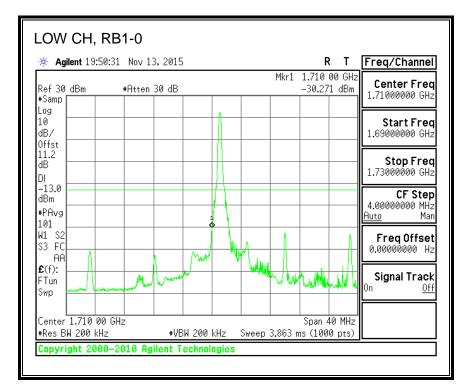
Page 282 of 1111

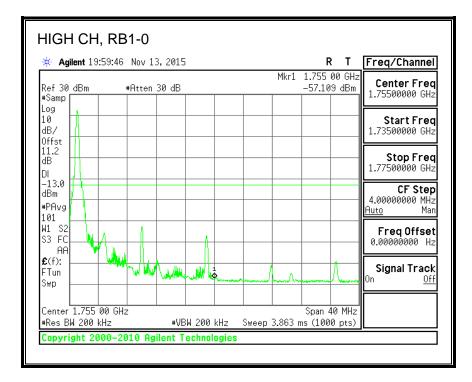




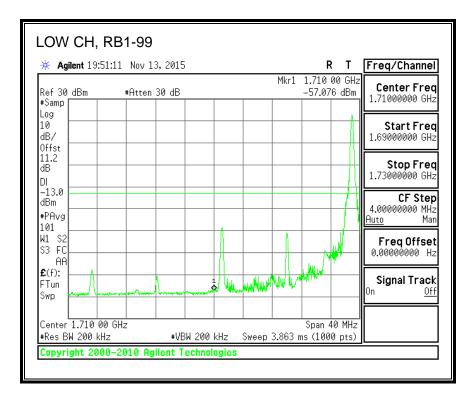
Page 283 of 1111

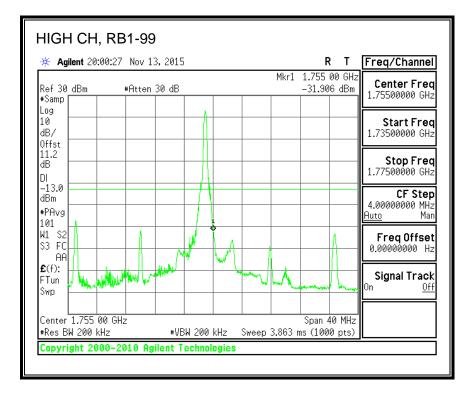
#### 16QAM, (20.0 MHz BAND WIDTH)



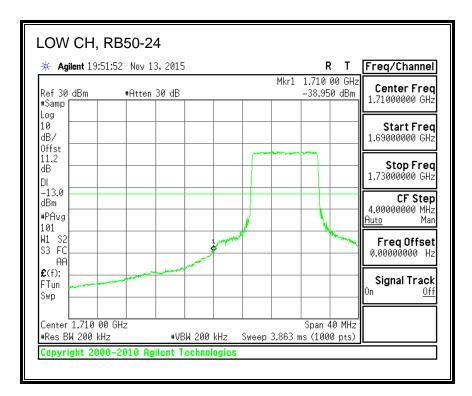


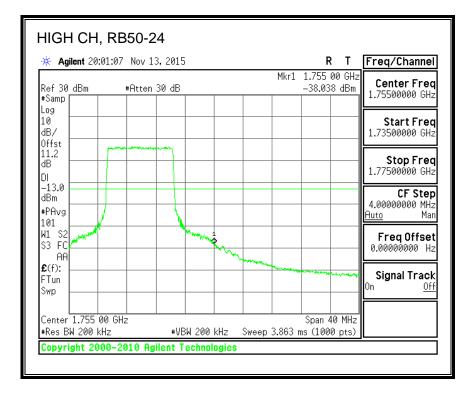
Page 284 of 1111





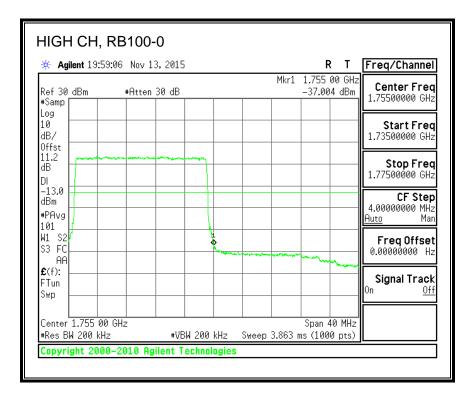
Page 285 of 1111





Page 286 of 1111

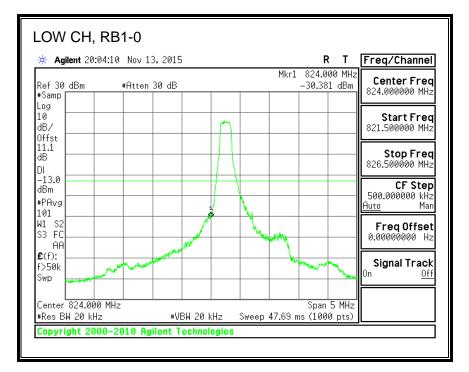
🔆 Agilent 19:49:52 Nov	13,2015		RT	Freq/Channel
Ref30 dBm #Att #Samp	en 30 dB		1.710 00 GHz -34.474 dBm	Center Fred 1.71000000 GHz
Log 10 dB/ 0ffst				Start Fred 1.69000000 GHz
11.2 dB DI				Stop Fred 1.73000000 GHz
-13.0 dBm #PAvg 101				<b>CF Step</b> 4.00000000 MHz <u>Auto</u> Mar
W1 S2 S3 FC АА				Freq Offset 0.00000000 Hz
£(f): FTun Swp				<b>Signal Track</b> On <u>Of</u>
Center 1.710 00 GHz #Res BW 200 kHz	#VBW 200 kHz	) Weep 3.863 m	Span 40 MHz s (1000 pts)	

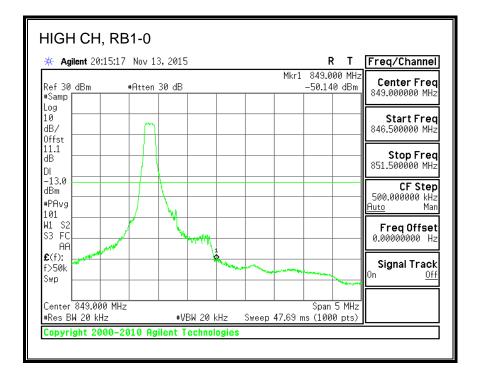


Page 287 of 1111

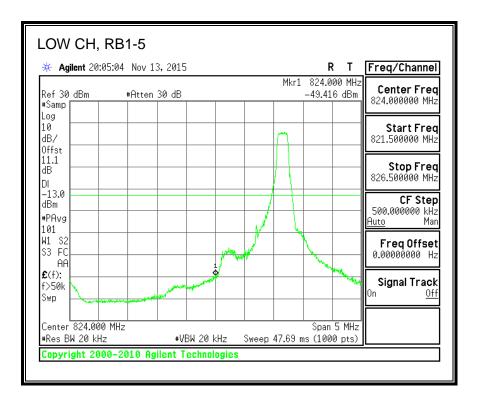
# 8.2.3. LTE BAND 5 BANDEDGE

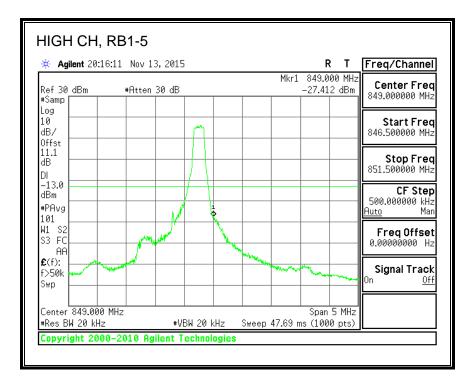
#### **QPSK, (1.4 MHz BAND WIDTH)**



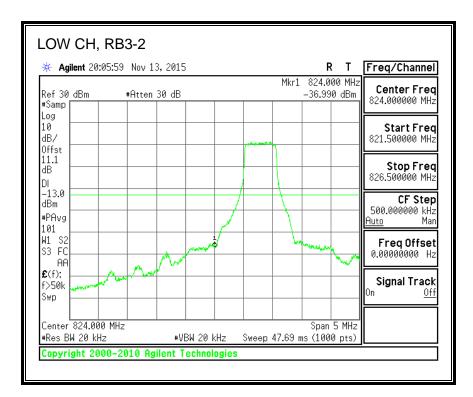


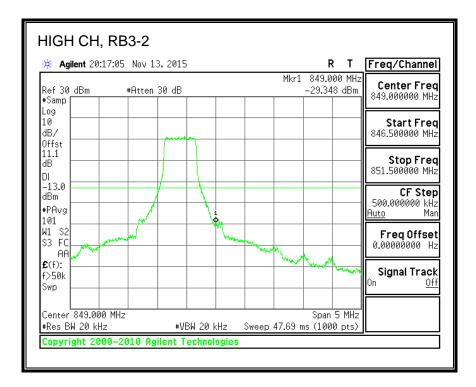
Page 288 of 1111



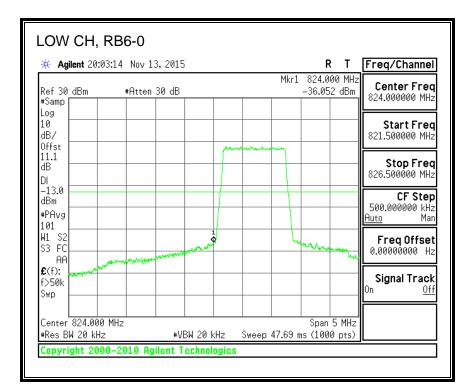


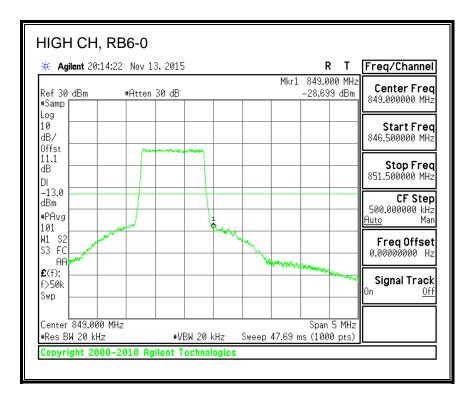
Page 289 of 1111





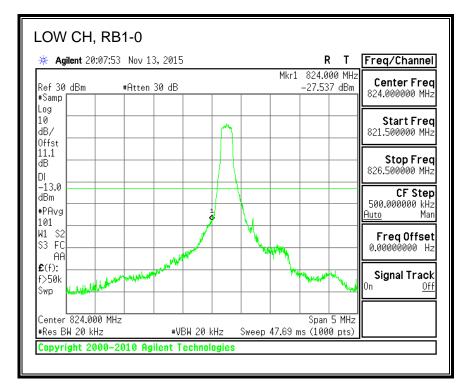
Page 290 of 1111

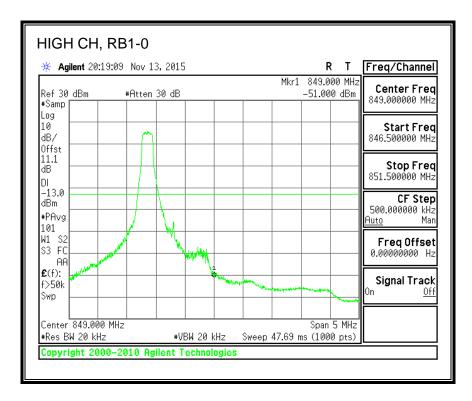




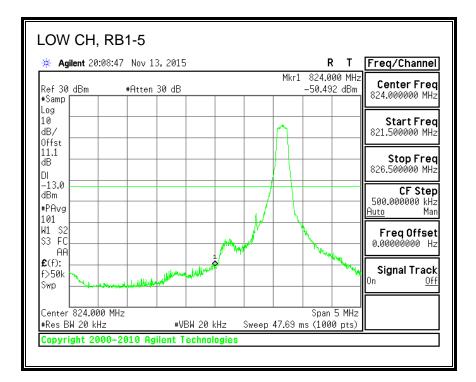
Page 291 of 1111

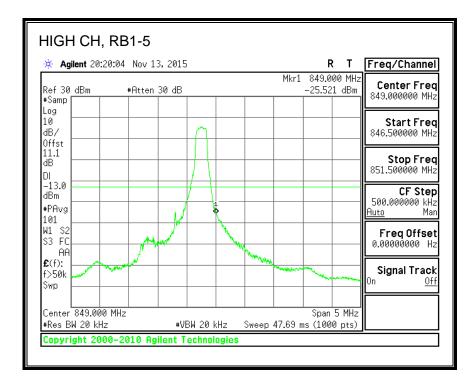
## 16QAM, (1.4 MHz BAND WIDTH)



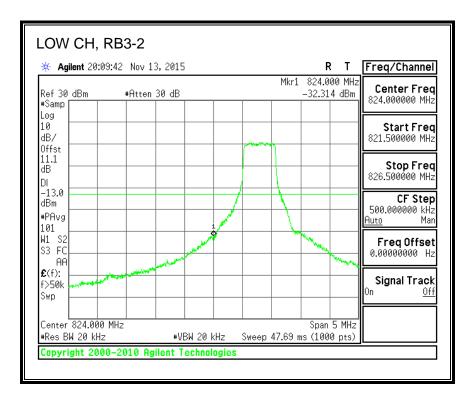


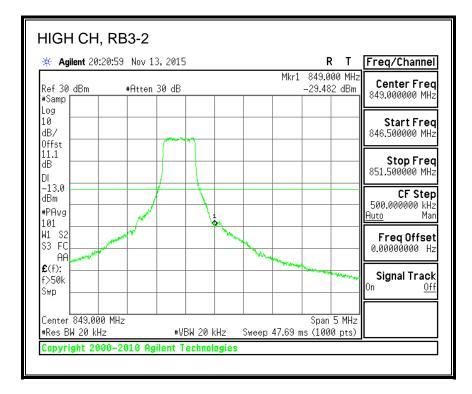
Page 292 of 1111



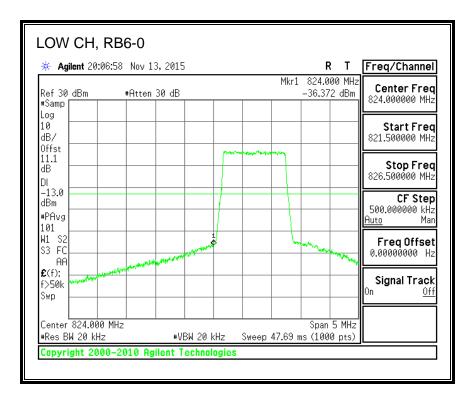


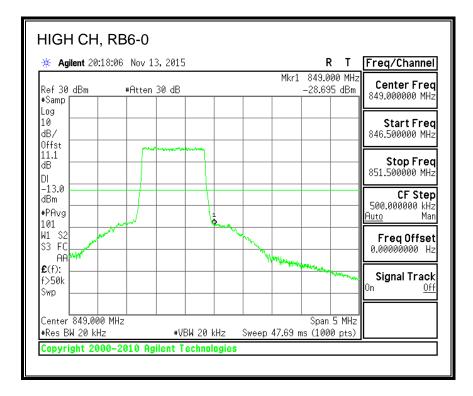
Page 293 of 1111





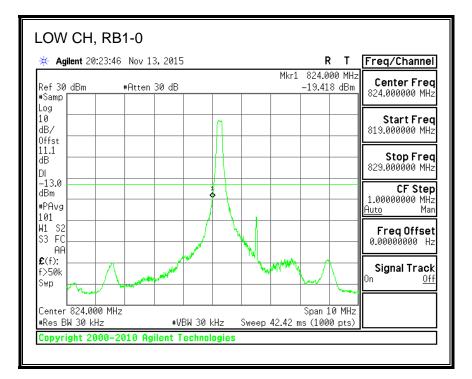
Page 294 of 1111

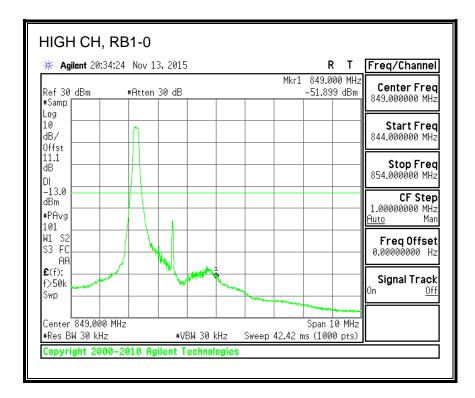




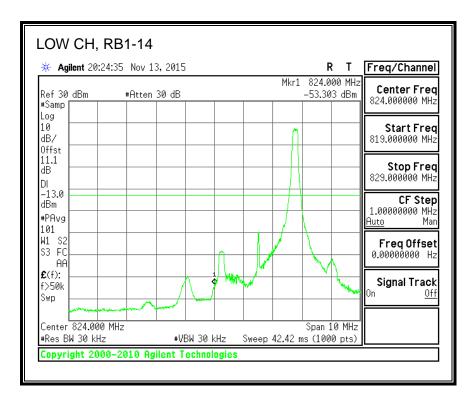
Page 295 of 1111

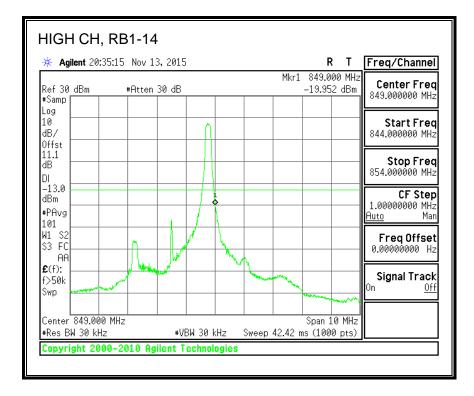
#### QPSK, (3.0 MHz BAND WIDTH)



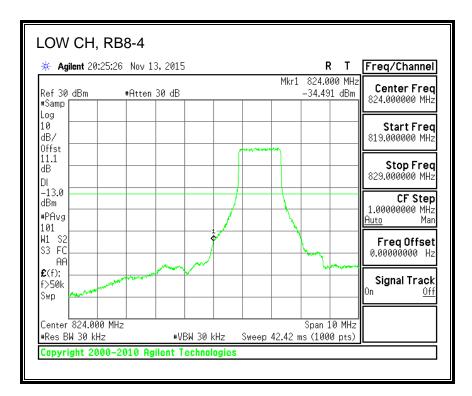


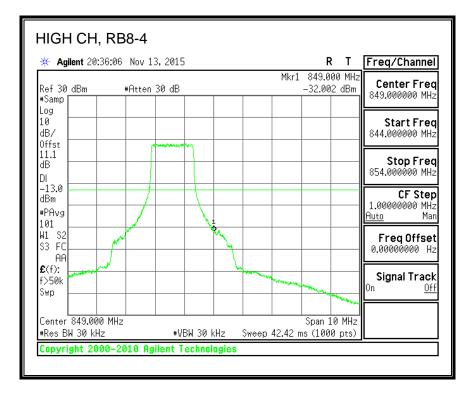
Page 296 of 1111





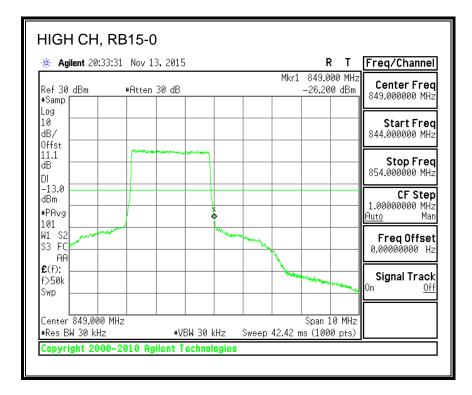
Page 297 of 1111





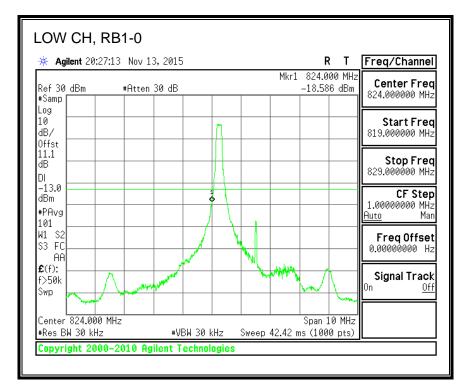
Page 298 of 1111

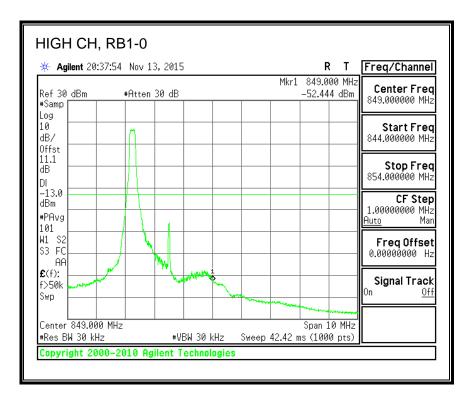
* Agilent 20:22:	55 Nov 13, 201	5			R	Т	Freq/Channe
Ref 30 dBm	#Atten 30 dB			Mkr1	824.00 -25.583		Center Fred 824,000000 MH;
#Samp Log							021.000000 111
10 dB/							Start Fred 819.000000 MH;
Offst 11.1			promine				
dB DI							Stop Fred 829.000000 MH;
-13.0							CF Step
*PAvg 101		4					1.00000000 MH; <u>Auto</u> Mai
W1 S2 S3 FC		- mark			h		Freq Offse 0.00000000 Hi
AA £(f):							
f>50k							Signal Tracl
Swp							
Center 824.000 M #Res BW 30 kHz		VBW 30 kl	U- 0	ep 42.42 i	Span 10		



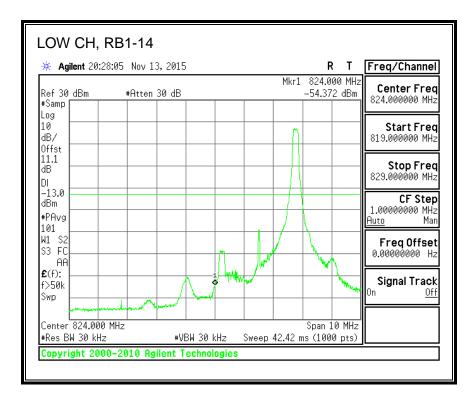
Page 299 of 1111

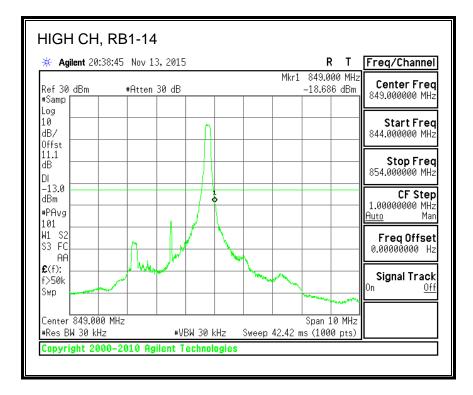
# 16QAM, (3.0 MHz BAND WIDTH)



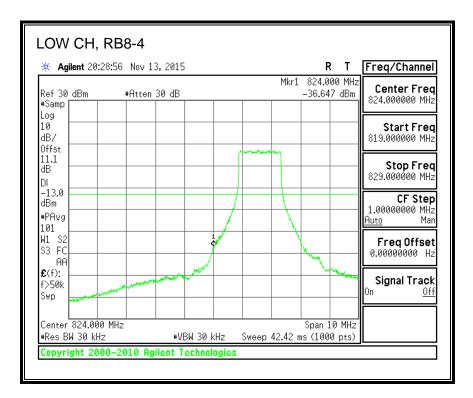


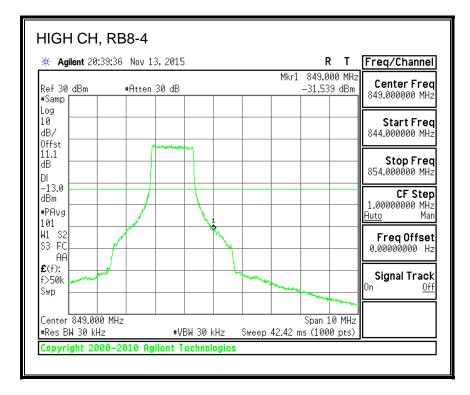
Page 300 of 1111





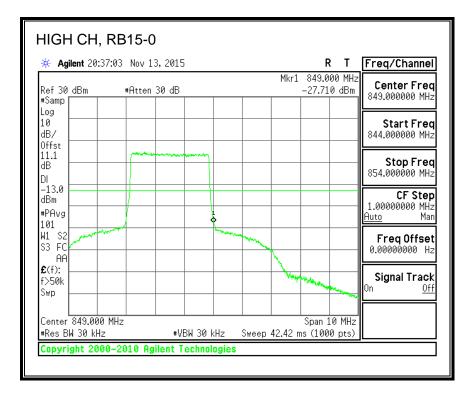
Page 301 of 1111





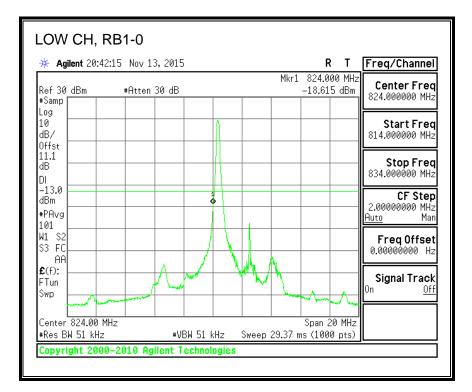
Page 302 of 1111

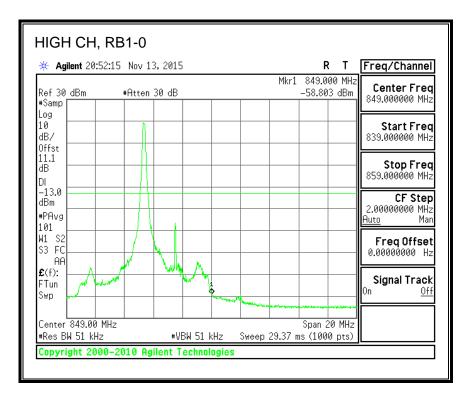
🔆 Agilent 20:26	:22 Nov 13, 2	015			RT	Freq/Channe
Ref 30 dBm	#Atten 30	dB			4.000 MHz 5.799 dBm	Center Fred 824.000000 MH;
#Samp Log						
10 dB/						Start Fred 819.000000 MH:
Offst 11.1						
dB						Stop Fred 829.000000 MH;
DI						
dBm						CF Step 1.00000000 MH;
#PAvg 101		•				<u>Auto</u> Ma
W1 S2						Freq Offse
S3 FC		and the second second		<u> </u>	window water	0.00000000 H;
£(f):	None the server					
f>50k						Signal Track
Swp						<u><u>si</u></u>
Center 824.000	<u> </u>					
#Res BW 30 kHz	MHZ	∗VBW 30 kHz	Swaan		an 10 MHz 1000 pts)	



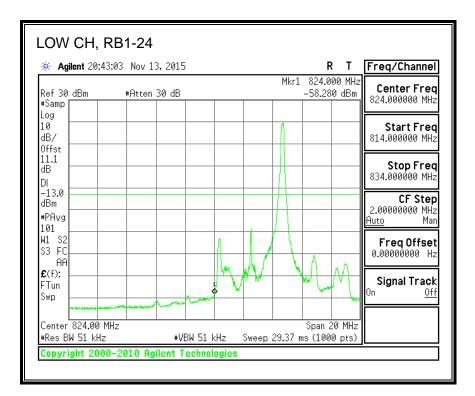
Page 303 of 1111

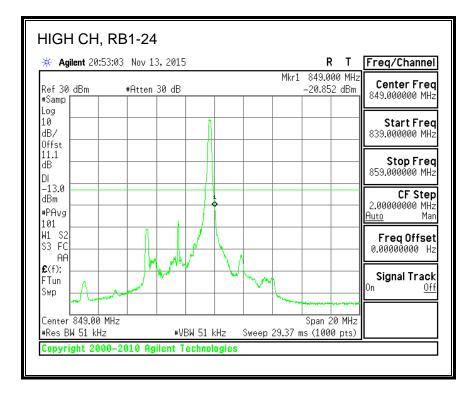
## QPSK, (5.0 MHz BAND WIDTH)



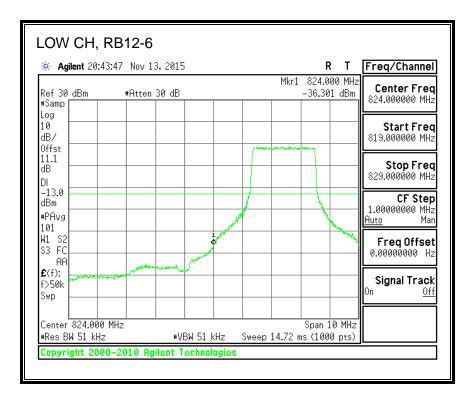


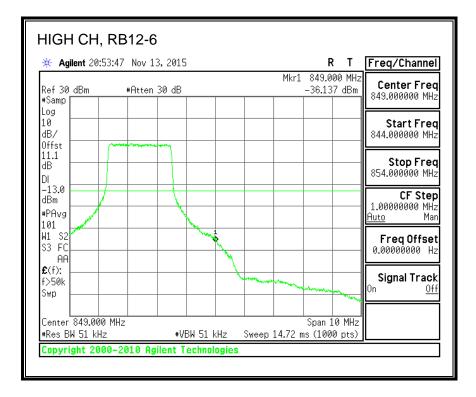
Page 304 of 1111





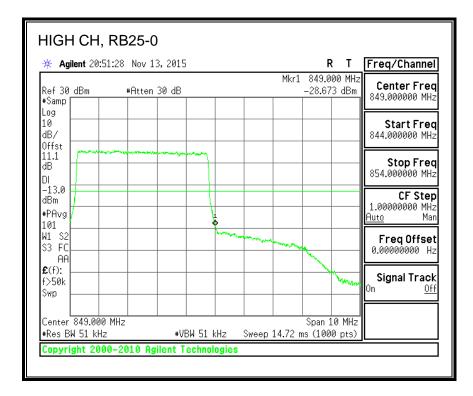
Page 305 of 1111





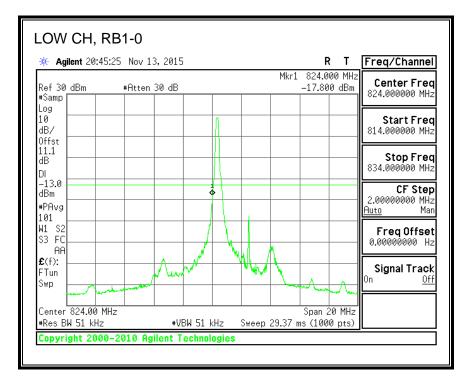
Page 306 of 1111

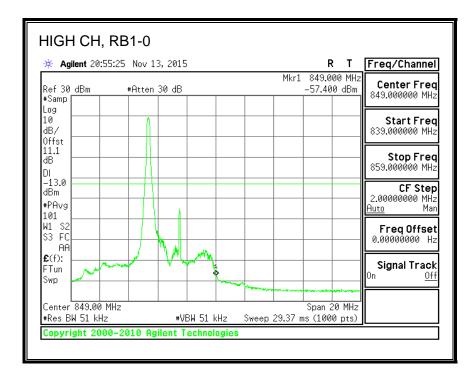
🔆 Agilent 20:4	L:28 Nov 13, 2015		RT	Freq/Channel
Ref 30 dBm #Samp	#Atten 30 dB		824.000 MHz 29.265 dBm	Center Fred 824.000000 MHz
Log 10 dB/ 0ffst				Start Frec 819.000000 MHz
11.1 dB DI		/ 1000000000000000000000000000000000000		Stop Fred 829.000000 MHz
-13.0 dBm #PAvg 101				<b>CF Step</b> 1.00000000 MHz <u>Auto</u> Mar
W1 S2 S3 FC AA	and an and a second	· • • ·		Freq Offset 0.00000000 Hz
£(f): f>50k Swp				Signal Track <sup>On <u>Of</u>i</sup>
Center 824.000 #Res BW 51 kHz		51 kHz Sweep 14.72 ms	Span 10 MHz (1000 pts)	



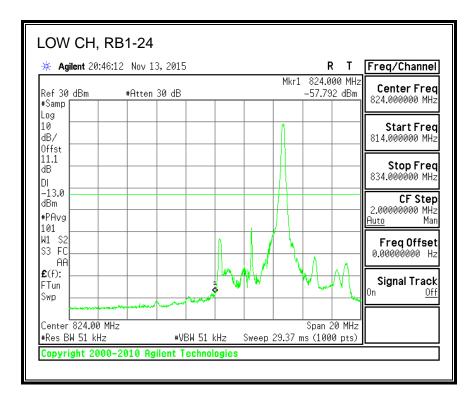
Page 307 of 1111

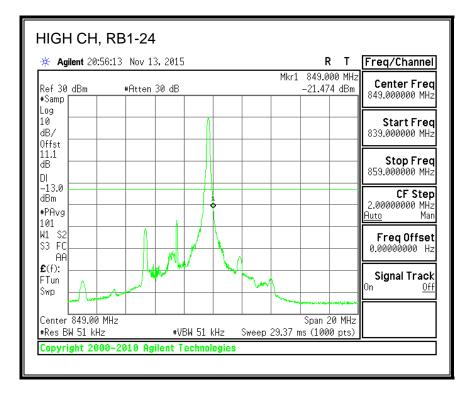
### 16QAM, (5.0 MHz BAND WIDTH)



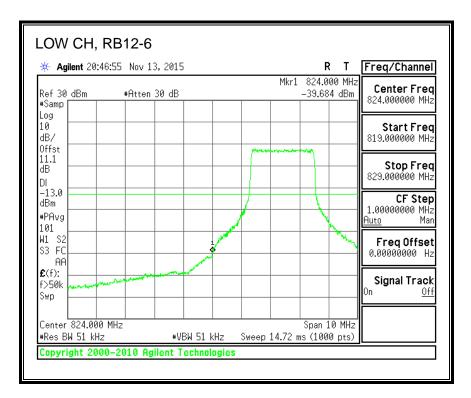


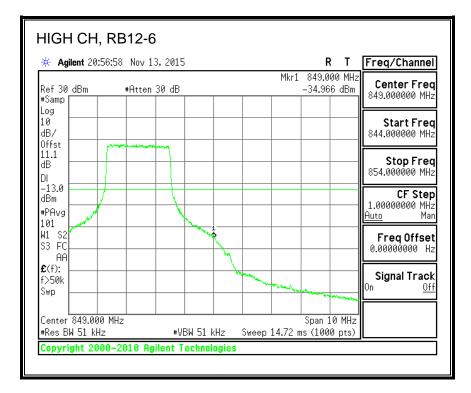
Page 308 of 1111





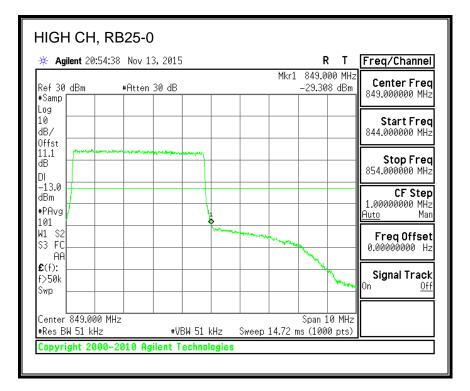
Page 309 of 1111





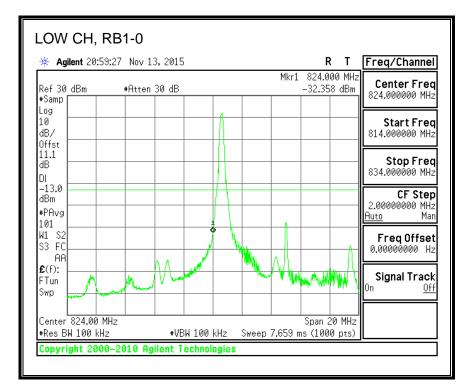
Page 310 of 1111

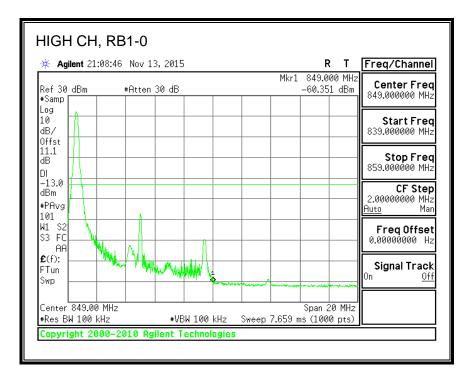
🔆 Agi	ilent 20:44:3	3 Nov 13	3,2015					R	Т	Freq/Channel
Ref 30 #Samp	dBm	#Atten	30 dB				Mkr1	824.00 -30.897		Center Freq 824.000000 MHz
Log 10 dB/ Offst										Start Freq 819.000000 MHz
11.1 dB DI								~~~~		<b>Stop Freq</b> 829.000000 MHz
-13.0 dBm #PAvg 101										<b>CF Step</b> 1.00000000 MHz <u>Auto</u> Mar
W1 S2 S3 FC AA		, har and a second	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	aaraa d						FreqOffset 0.00000000 Hz
<b>£</b> (f): f>50k Swp										Signal Track <sup>On <u>Off</u></sup>
	824.000 MH W 51 kHz	z	#VE		Hz	Sweep	14.72 m	Span 10 s (1000		



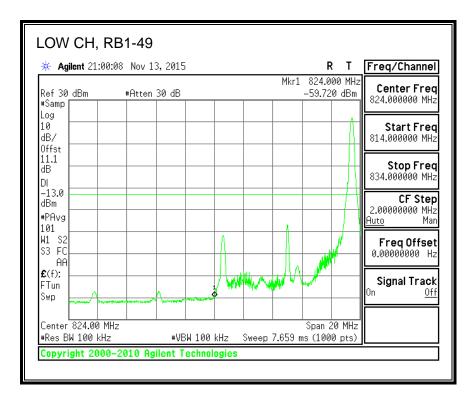
Page 311 of 1111

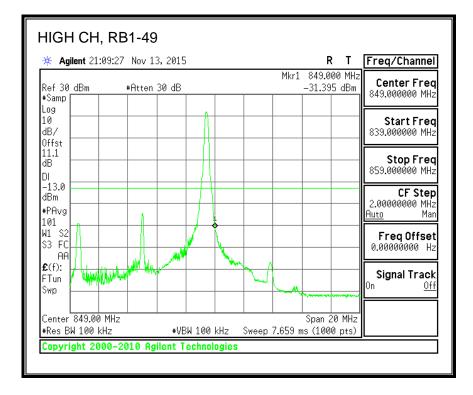
### QPSK, (10.0 MHz BAND WIDTH)



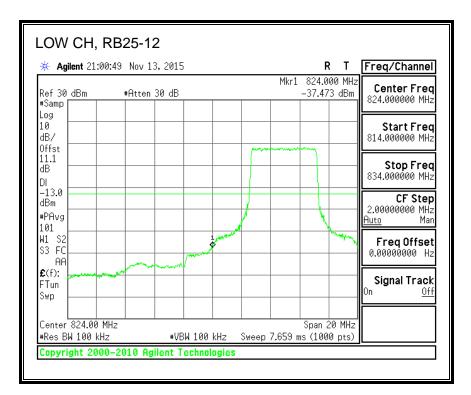


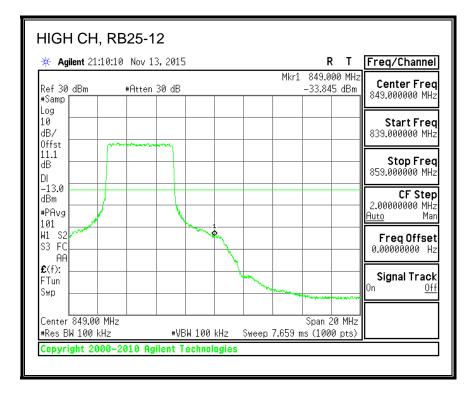
Page 312 of 1111



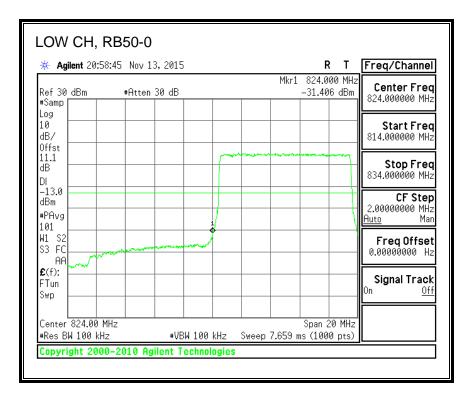


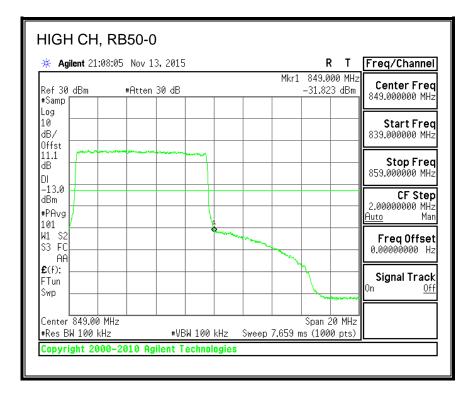
Page 313 of 1111





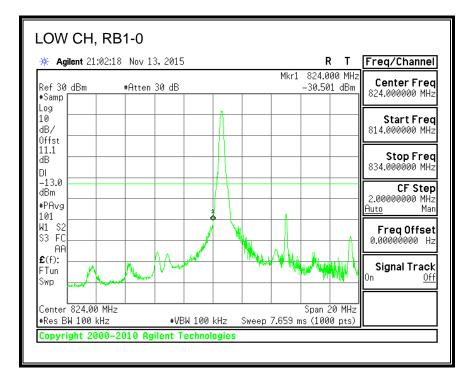
Page 314 of 1111

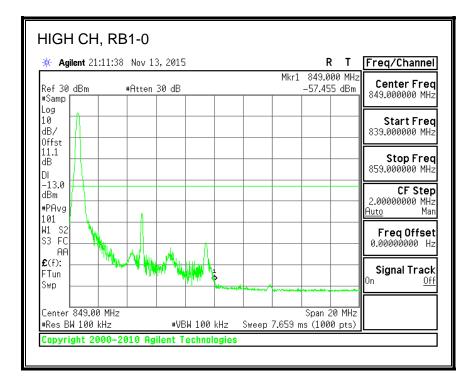




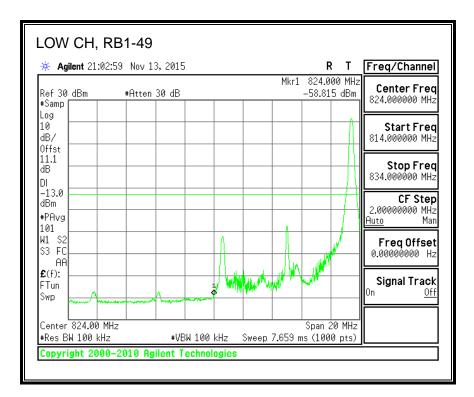
Page 315 of 1111

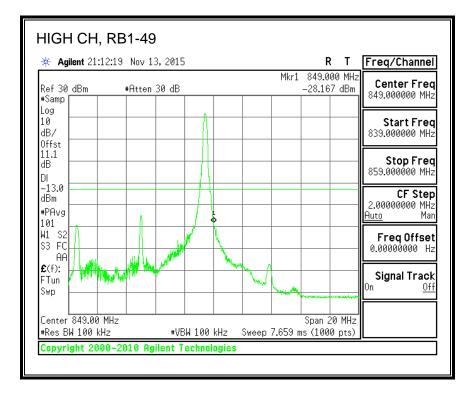
## 16QAM, (10.0 MHz BAND WIDTH)



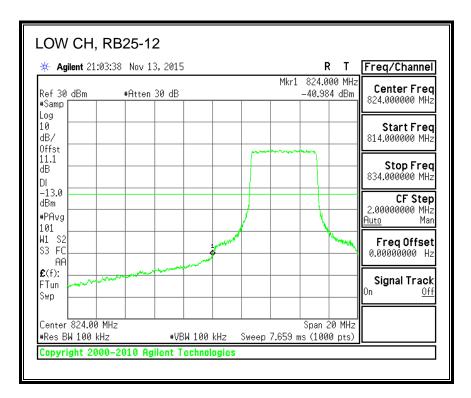


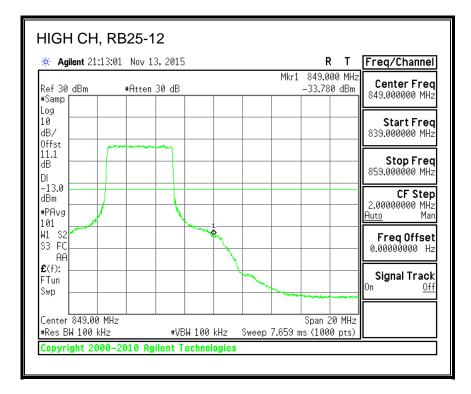
Page 316 of 1111





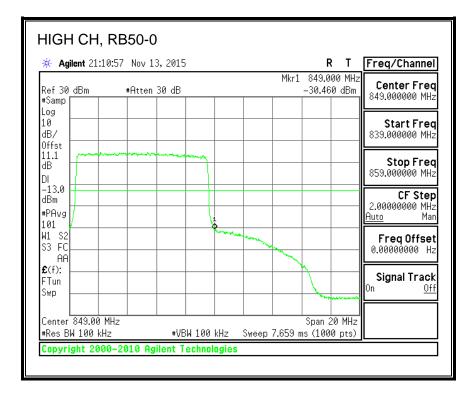
Page 317 of 1111





Page 318 of 1111

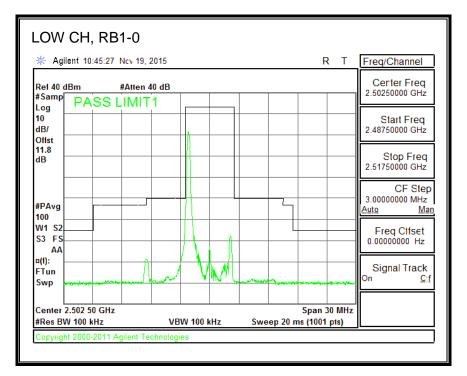
🔆 Agil	ent 21:01:36	Nov 13,	2015			R	-	Freq/Channel
Ref 30 #Samp ∏	dBm	#Atten 30	) dB			824.0 -34.84	00 MHz 3 dBm	Center Freq 824.000000 MHz
Log 10 dB/ Offst								Start Freq 814.000000 MHz
11.1 dB DI -13.0					*****	*****		<b>Stop Freq</b> 834.000000 MHz
-13.0 - dBm #PAvg 101								<b>CF Step</b> 2.00000000 MHz <u>Auto</u> Man
W1 S2 S3 FC_ AA	and the second second			-				FreqOffset 0.00000000 Hz
£(f): _ FTun Swp _								Signal Track <sup>On <u>Off</u></sup>
	 824.00 MHz   100 kHz		#VBW 10	0 kHz	Sweep	Span 2 s (100		

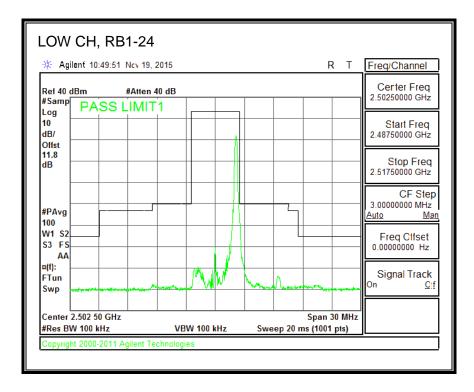


Page 319 of 1111

# 8.2.4. LTE BAND 7 EMISSION MASK

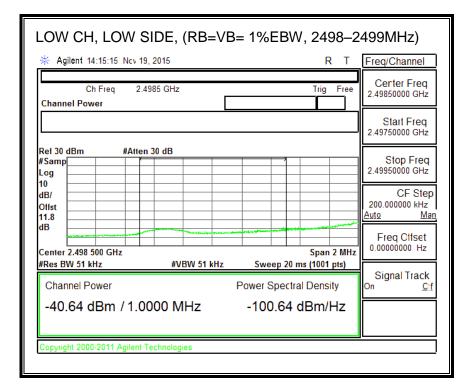
### **QPSK, (5.0 MHz BAND WIDTH)**



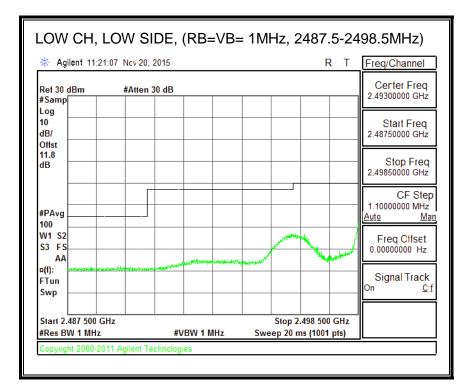


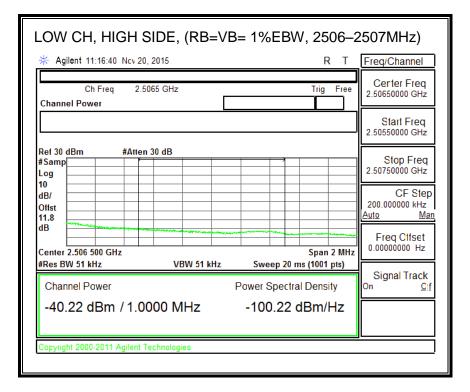
Page 320 of 1111

🔆 Agil	ent 10:5	52:57 I	Nev 19, 3	2015					₹Т	Freq/Channel
Ref 40 d #Samp∏			#Atten 4			 				Center Freq 2.50250000 GHz
Log 10		SSL	IMIT	1	_					Start From
dB/ Offst										Start Freq 2.48750000 GHz
11.8 dB										Stop Freq 2.51750000 GHz
ŀ										CF Step
#PAvg	—————————————————————————————————————				-					3.00000000 MHz Auto Ma
W1 S2 S3 FS										Freq Cliset
AA ¤(f):			س	mand	<u> </u>	and the second second				
I		and the second s	mana, al					Church Who	or hitser war	Signal Track On <u>C</u> ::
Center 2	2.502 50 V 100 kH				W 100 I		ep 20 r		30 MHz	



Page 321 of 1111

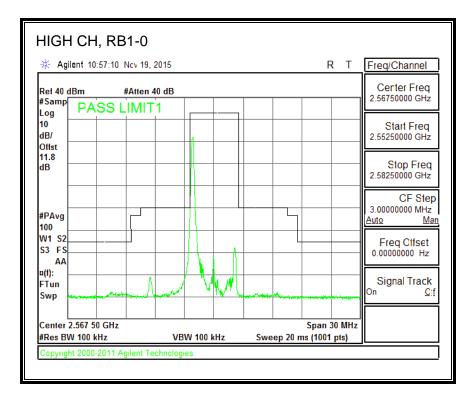


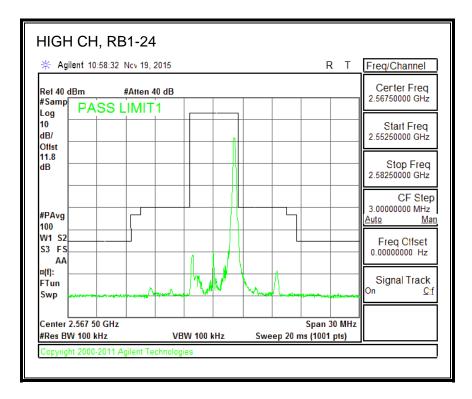


Page 322 of 1111

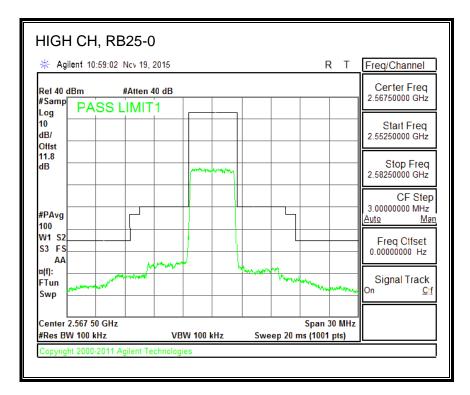
🔆 Agilent 11:1	9:55 Nov 20, 20	115		RT	Freq/Channel
Ref 30 dBm #Samp	#Atten 30	dB			Certer Freq 2.51200000 GHz
Log 10 dB/					Start Freq 2.50650000 GHz
dB					Stop Freq 2.51750000 GHz
#PAvg 100					CF Step 1.10000000 MHz <u>Auto Ma</u>
W1 S2 S3 FS AA	, humphan berry many many	512525776777 1247/26577201261/144/44/A	and the second		Freq Olfset 0.00000000 Hz
¤(f): FTun Swp				**************************************	Signal Track <sup>On <u>C</u>if</sup>
Start 2.506 500 ( #Res BW 1 MHz	GHz	#VBW 1 MHz		) 2.517 500 GHz ) ms (1001 pts)	

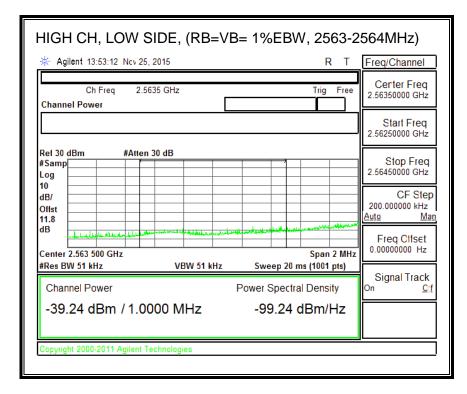
Page 323 of 1111



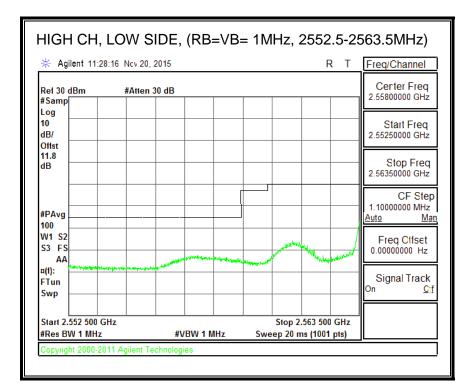


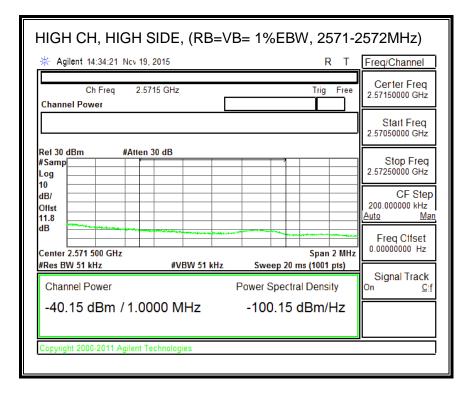
Page 324 of 1111





Page 325 of 1111



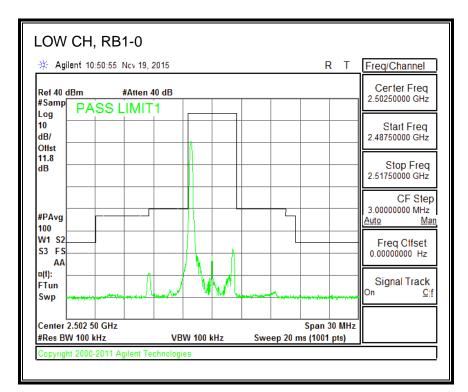


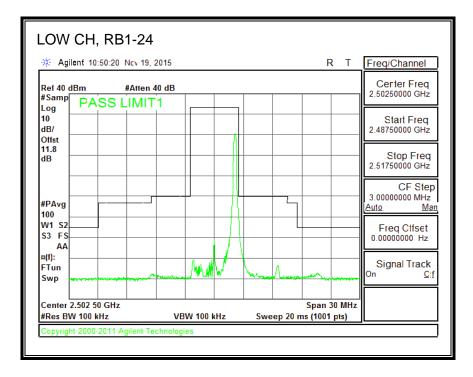
Page 326 of 1111

🔆 Agilent 11:29:41 N	lcv 20, 2015	R T	Freq/Channel
Ref 30 dBm # #Samp	Atten 30 dB		Certer Freq 2.57700000 GHz
Log 10 dB/ Ottst			Start Freq 2.57150000 GHz
dB			Stop Freq 2.58250000 GHz
#PAvg 100			CF Step 1.10000000 MHz <u>Auto Ma</u>
1114 00	and and a second se		Freq Clfset 0.00000000 Hz
¤(1): FTun Swp			Signal Track
Start 2.571 500 GHz #Res BW 1 MHz	#VBW 1 MHz	Stop 2.582 500 GHz Sweep 20 ms (1001 pts)	1

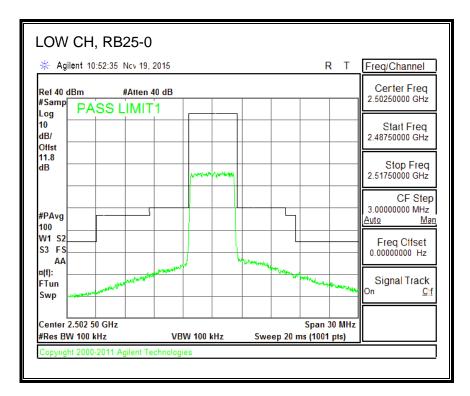
Page 327 of 1111

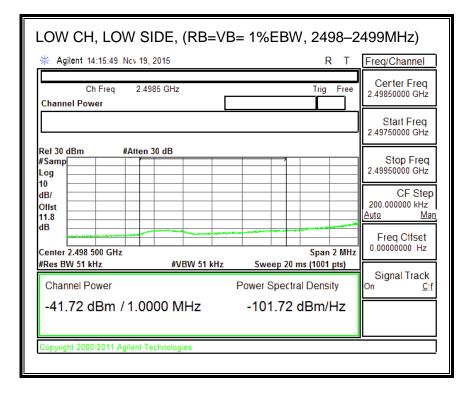
#### 16QAM, (5.0 MHz BAND WIDTH)



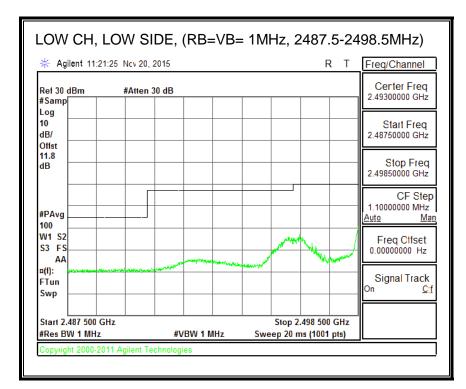


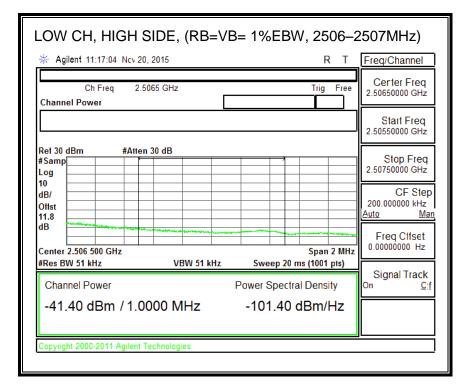
Page 328 of 1111





Page 329 of 1111

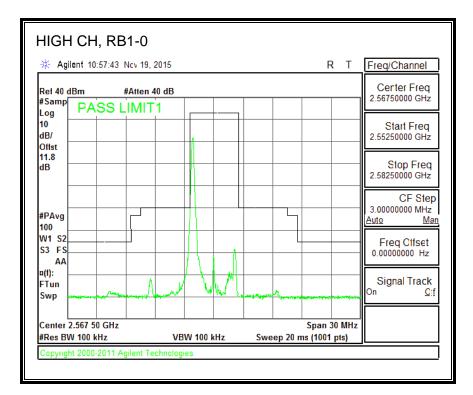


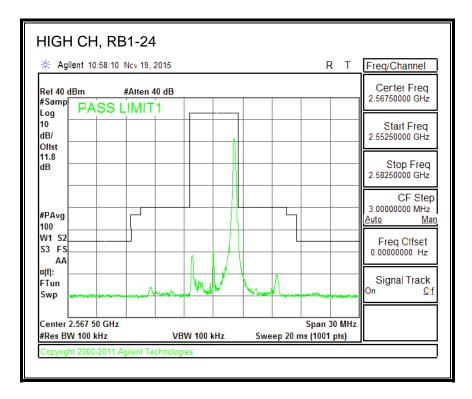


Page 330 of 1111

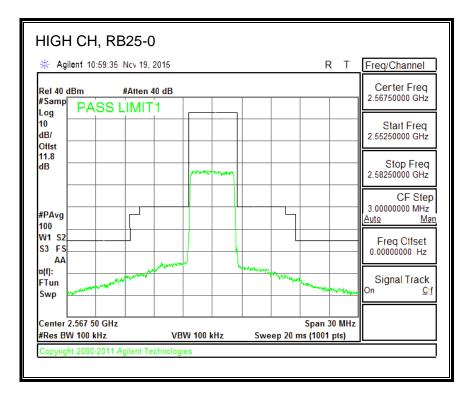
🔆 Agile	nt 11:20:17	Ncv 20, 20	J15				R	Т	Freq/Channel
Ref 30 dB #Samp	m	#Atten 30	dB						Certer Freq 2.51200000 GHz
Log 10 dB/ Offst				<u> </u>	<u> </u>				Start Freq 2.50650000 GHz
11.8 dB									Stop Freq 2.51750000 GHz
#PAvg 100									CF Step 1.10000000 MHz <u>Auto Ma</u>
	encological find	and an and a second second		arest a surfactory	and an inderivation of				Freq Clfset 0.00000000 Hz
¤(f): FTun Swp						**************************************		<u>Almi(urm</u>	Signal Track <sup>On <u>C</u>tt</sup>
L Start 2.50 #Res BW	6 500 GHz 1 MHz		#VBW	1 MHz	Swe		.517 500 ( ns (1001 )		

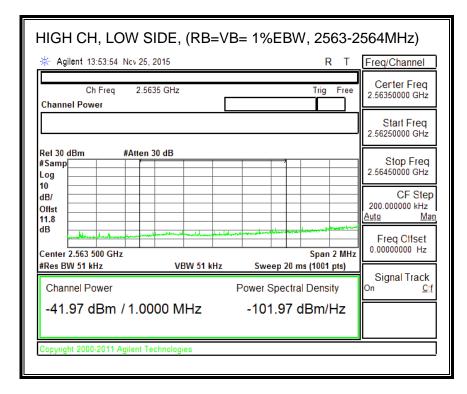
Page 331 of 1111



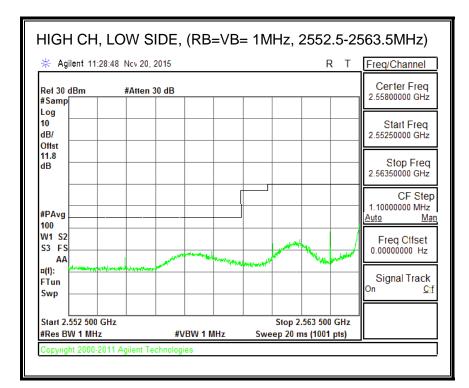


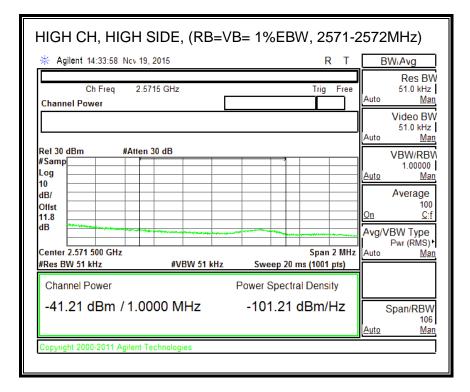
Page 332 of 1111





Page 333 of 1111



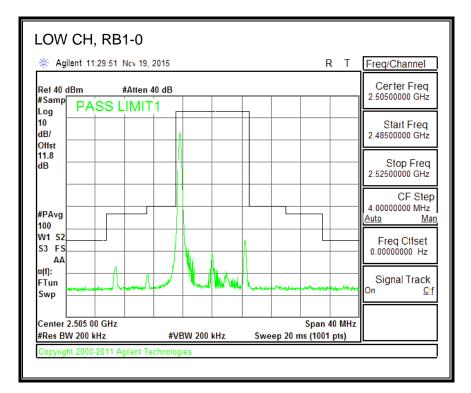


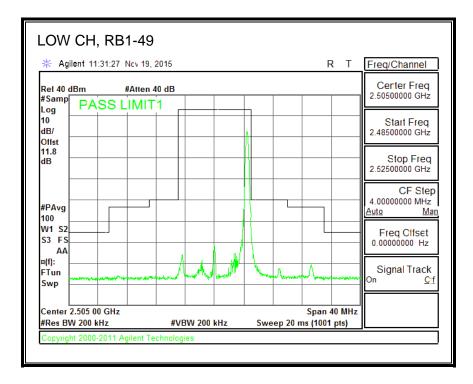
Page 334 of 1111

🔆 Agilent 11:30:07 I	Vcv 20, 2015	R T	Freq/Channel
Ref 30 dBm #	#Atten 30 dB		Certer Freq 2.57700000 GHz
Log 10 dB/ 011st			Start Freq 2.57150000 GHz
dB			Stop Freq 2.58250000 GHz
#PAvg 100			CF Step 1.1000000 MHz <u>Auto Ma</u>
W1 S2 S3 FS AA			Freq Offset 0.00000000 Hz
¤(f): FTun Swp			Signal Track <sup>On <u>C</u>it</sup>
Start 2.571 500 GHz #Res BW 1 MHz	#VBW 1 MHz	Stop 2.582 500 GHz Sweep 20 ms (1001 pts)	

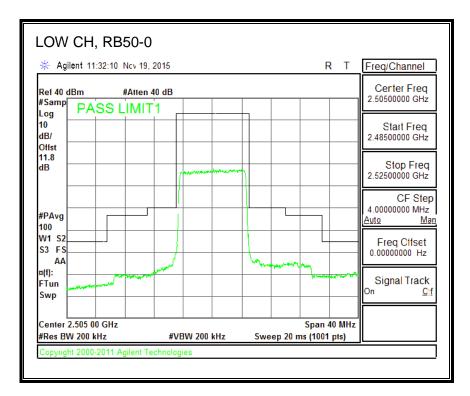
Page 335 of 1111

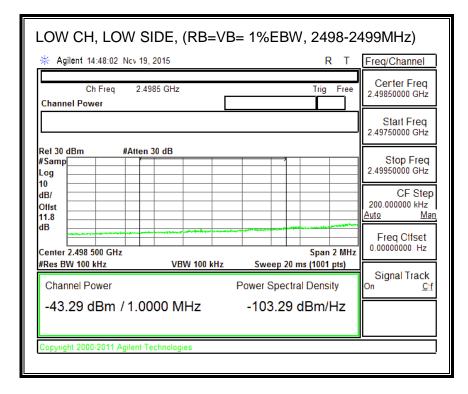
## QPSK, (10.0 MHz BAND WIDTH)



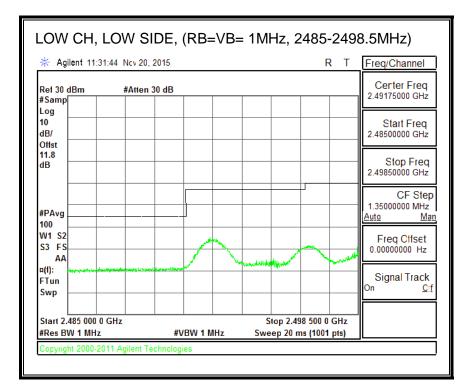


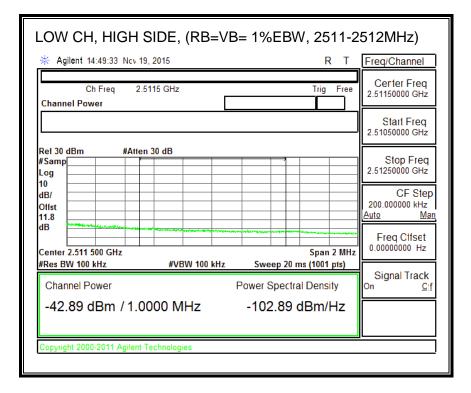
Page 336 of 1111





Page 337 of 1111

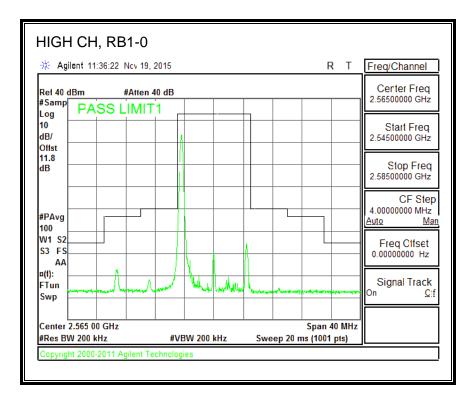


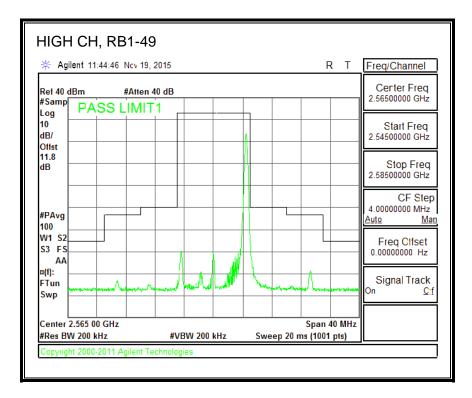


Page 338 of 1111

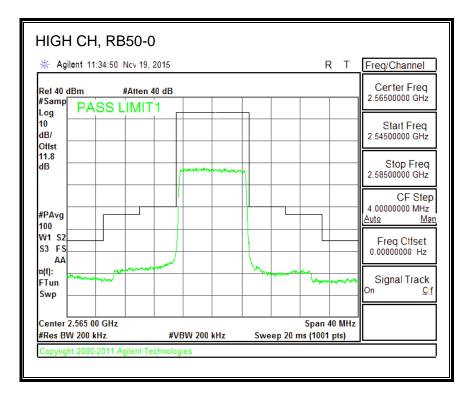
🔆 Agilent 11:32:38 Nov	20, 2015			R	Т	Freq/Channel
Ref 30 dBm #At #Samp	ten 30 dB					Certer Freq 2.51825000 GHz
Log						Start Freq 2.51150000 GHz
Offst 11.8 dB						Stop Freq 2.52500000 GHz
#PAvg						CF Step 1.3500000 MHz <u>Auto Ma</u>
100 W1 S2 S3 FS AA						Freq Clfset 0.00000000 Hz
n(f): FTun Swp	merony the ball on some the second second	···· \	terre and the second se			Signal Track <sup>On <u>C</u>if</sup>
Start 2.511 500 0 GHz #Res BW 1 MHz	#V	BW 1 MHz		o 2.525 000 0 G 20 ms (1001 pt		

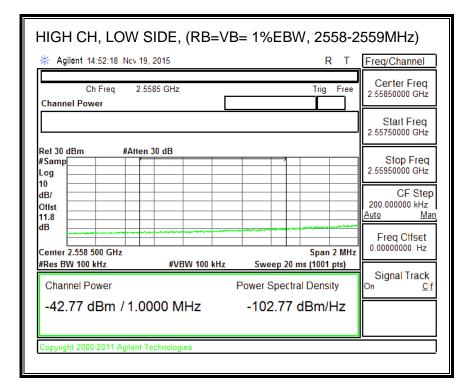
Page 339 of 1111



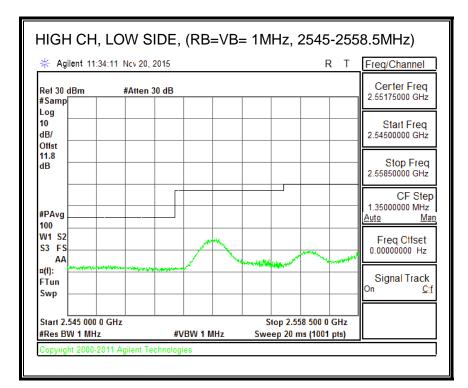


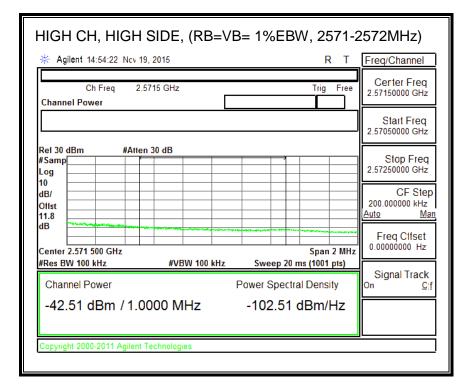
Page 340 of 1111





Page 341 of 1111



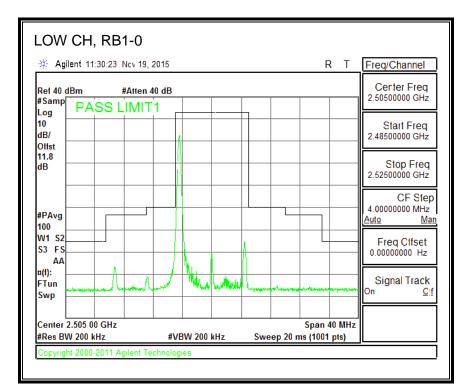


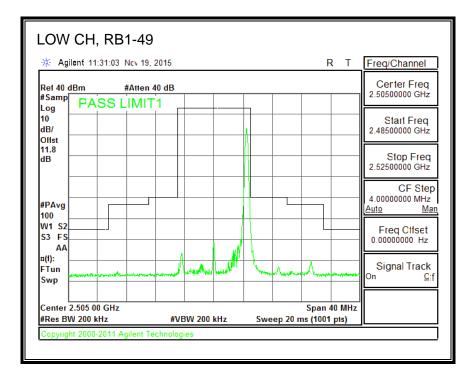
Page 342 of 1111

🔆 Agilent 11:34:59 Nov 2	0, 2015	R T	Freq/Channel
Ref 30 dBm #Atte #Samp	n 30 dB		Certer Freq 2.57825000 GHz
Log			Start Freq 2.57150000 GHz
dB			Stop Freq 2.58500000 GHz
#PAvg			CF Ster 1.35000000 MHz <u>Auto Ma</u>
100 W1 S2 S3 FS AA	10000		Freq Cifset 0.00000000 Hz
u(1): FTun Swp			Signal Track
Start 2.571 500 0 GHz #Res BW 1 MHz	#VBW 1 MHz	Stop 2.585 000 0 GHz Sweep 20 ms (1001 pts)	

Page 343 of 1111

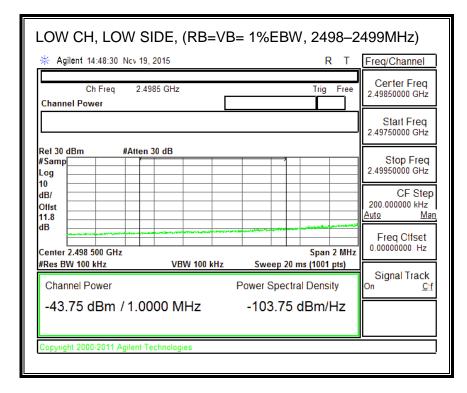
## 16QAM, (10.0 MHz BAND WIDTH)



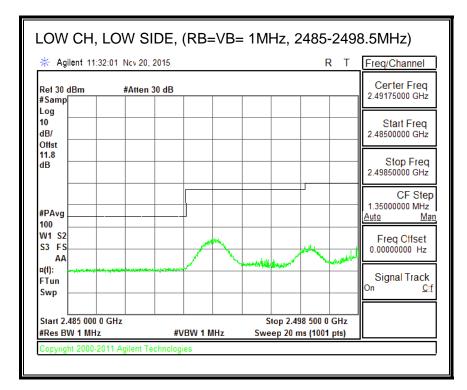


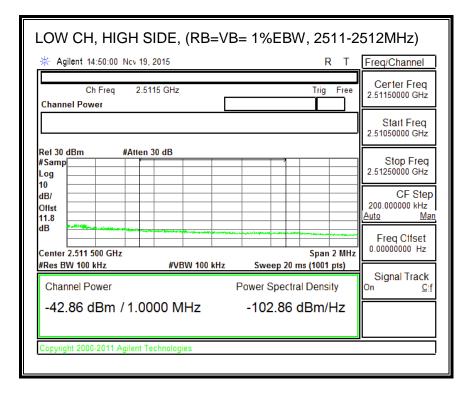
Page 344 of 1111

🔆 Agi	lent 11	:32:39	Ncv 19,	2015					RT	Freq/Channel
Ref 40 d #Samp[			#Atten 4			1				Certer Freq 2.50500000 GHz
Log 10	PA	SS		1						Start Freq
dB/ Offst 11.8										2.48500000 GHz
dB						and the second second	١			Stop Freq 2.52500000 GHz
					<u> </u>		ļ			CF Step 4.0000000 MHz
#PAvg 100 W1 S2										Auto Ma
S3 FS AA							In	-		Freq Clfset 0.00000000 Hz
¤(f): FTun Swp	dig-sector of	-							-	Signal Track <sup>On <u>C</u>ii</sup>
Center 2 #Res BV					/BW 200			ep 20 n	 40 MHz	



Page 345 of 1111

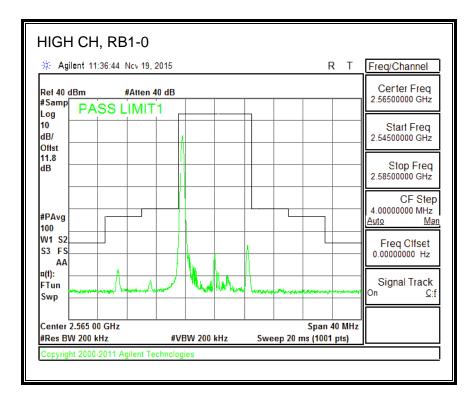


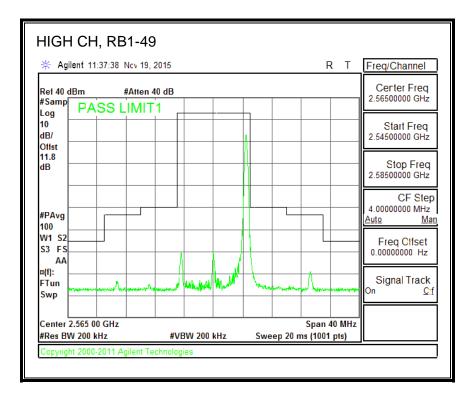


Page 346 of 1111

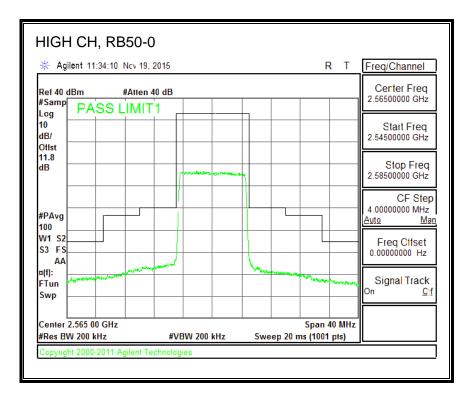
🔆 Agilent 11:32:57 Nov 2	0, 2015	R	T Freq/Channel
Ref 30 dBm #Atte #Samp	en 30 dB		Certer Freq 2.51825000 GHz
Log			Start Freq 2.51150000 GHz
dB			Stop Freq 2.52500000 GHz
#PAvg 100			CF Step 1.3500000 MHz <u>Auto</u> Mar
W1 S2 S3 FS	WHAT A A A A A A A A A A A A A A A A A A		Freq Cifset 0.00000000 Hz
u(1): FTun Swp		<u>Ander Seiter Seiter von der Frankriker Seiter –</u>	Signal Track
Start 2.511 500 0 GHz #Res BW 1 MHz	#VBW 1 MHz	Stop 2.525 000 0 GF Sweep 20 ms (1001 pt	

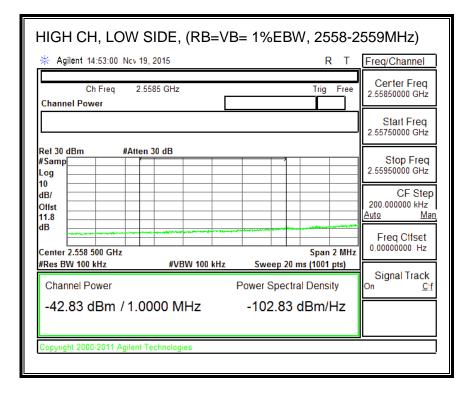
Page 347 of 1111



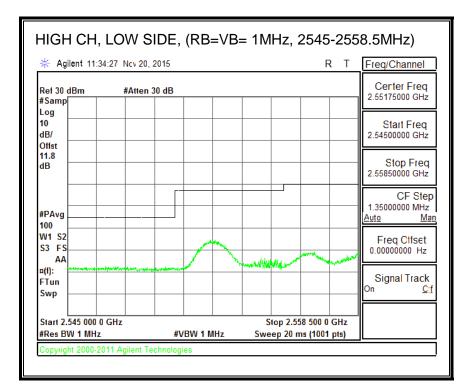


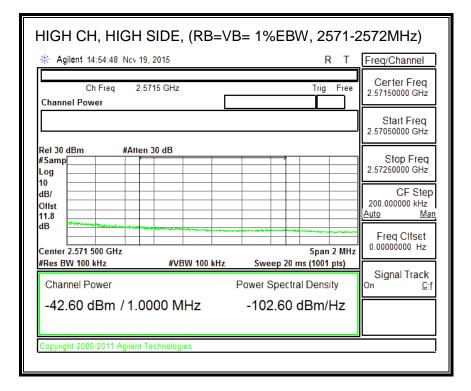
Page 348 of 1111





Page 349 of 1111



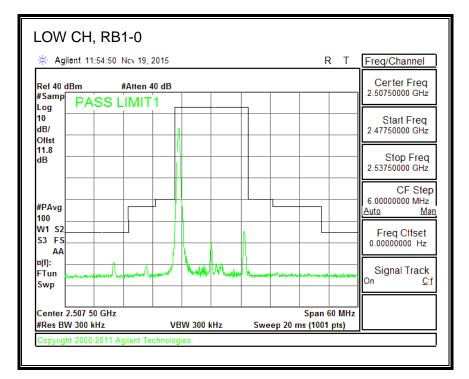


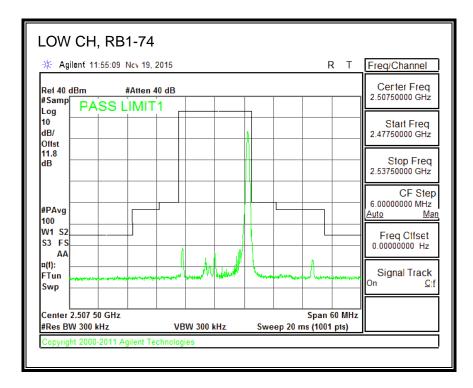
Page 350 of 1111

🔆 Agilent 11:35:12 Nov 20	, 2015		RΤ	Freq/Channel
Ref 30 dBm #Atter #Samp	a 30 dB			Certer Freq 2.57825000 GHz
Log				Start Freq 2.57150000 GHz
dB				Stop Freq 2.58500000 GHz
#PAvg				CF Step 1.3500000 MHz <u>Auto Ma</u>
W1 S2 S3 FS AA		4 <sub>10</sub>		Freq Clfset 0.00000000 Hz
a(1): FTun Swp				Signal Track <sup>On <u>C</u>:</sup>
Start 2.571 500 0 GHz #Res BW 1 MHz	#VBW 1 MHz	Stop 2.585 Sweep 20 ms	000 0 GHz (1001 pts)	

Page 351 of 1111

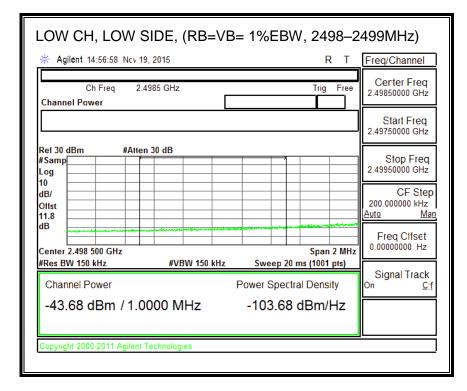
## QPSK, (15.0 MHz BAND WIDTH)



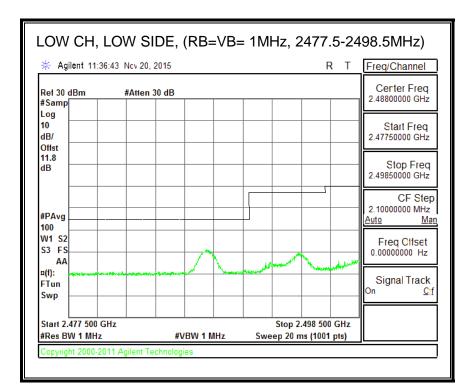


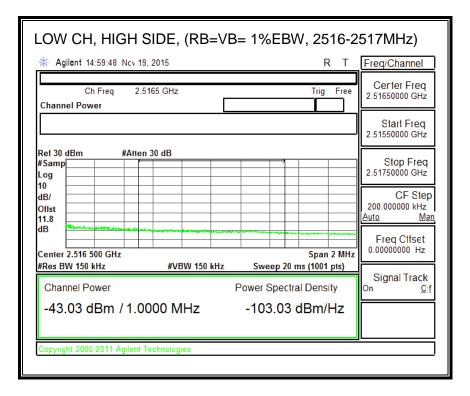
Page 352 of 1111

🔆 Agilen	t 11:51:12	Ncv 19, 2	2015					F	R T	Freq/Channel
Ref 40 dBr #Samp	1	#Atten 4		1			1			Certer Freq 2.50750000 GHz
Log 10 dB/	PASS		1		. <u></u>					Start Freq 2.47750000 GHz
Offst 11.8 dB			ŗ			1				Stop Freq 2.53750000 GHz
#PAvg										CF Step 6.0000000 MHz <u>Auto Ma</u>
100 W1 S2 S3 FS AA			went			line	- and a many			Freq Clifset 0.00000000 Hz
¤(f): FTun Swp								1	C. R. S. Market	Signal Track <sup>On <u>C</u>it</sup>
Center 2.5 #Res BW 3			VB	W 300 I	kHz	Swe	ep 20 n		60 MHz	



Page 353 of 1111

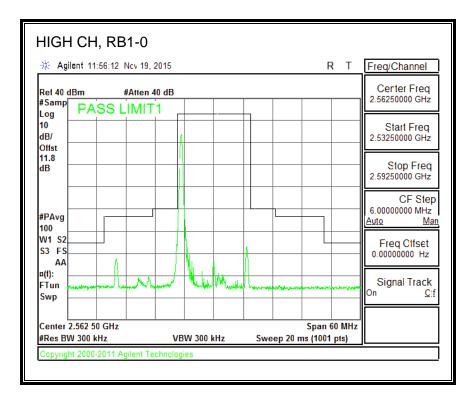


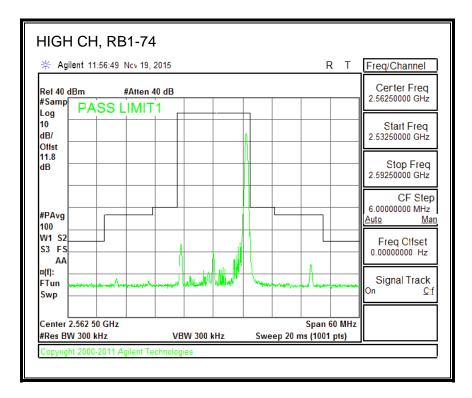


Page 354 of 1111

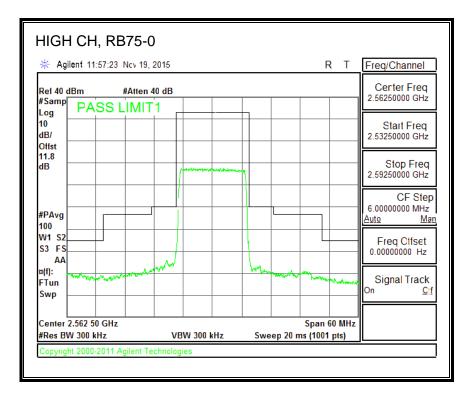
🔆 Agilent 11:38:01 I	lcv 20, 2015		RT	Freq/Channel
Ref 30 dBm #	Atten 30 dB			Certer Freq 2.52700000 GHz
Log 10 dB/ Offst				Start Freq 2.51650000 GHz
dB				Stop Freq 2.53750000 GHz
#PAvg 100				CF Step 2.10000000 MHz <u>Auto Ma</u>
W1 S2 S3 FS AA	and the second second			Freq Clfset 0.00000000 Hz
¤(1): FTun Swp		•~~~** ``	<u>Parimenterinen andra antra da</u>	Signal Track
Start 2.516 500 GHz #Res BW 1 MHz		/BW 1 MHz	op 2.537 500 GHz 20 ms (1001 pts)	

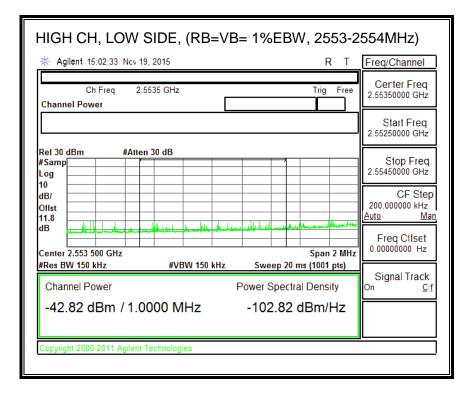
Page 355 of 1111



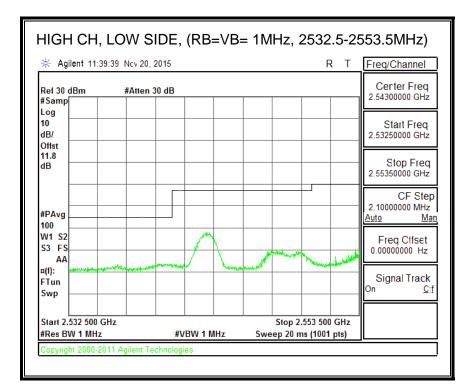


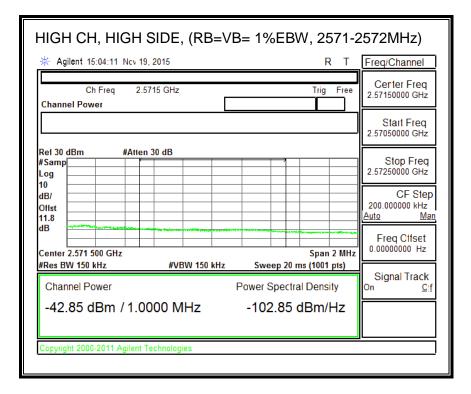
Page 356 of 1111





Page 357 of 1111



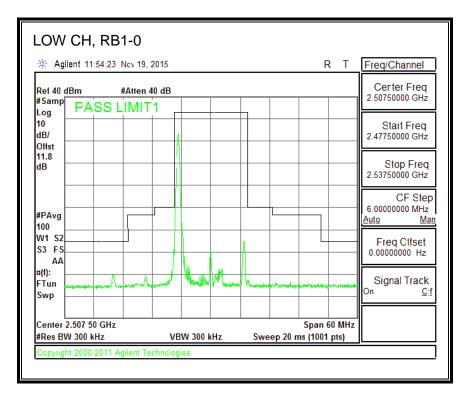


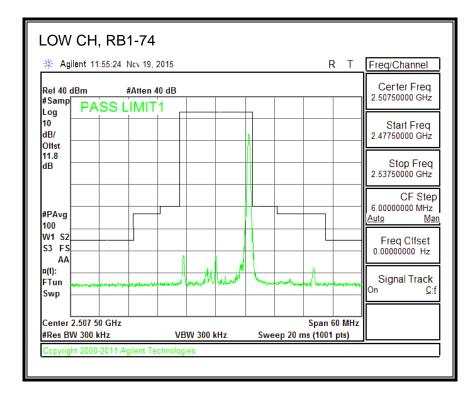
Page 358 of 1111

Agilent 11:40:26 Nov 2	0, 2015		RT	Freq/Channel
Ref 30 dBm #Atte #Samp	n 30 dB			Certer Freq 2.58200000 GHz
Log   _   _   _   _   _   _   _   _   _   _   _     _   _     _     _     _     _     _     _     _         _       _				Start Freq 2.57150000 GHz
dB				Stop Freq 2.59250000 GHz
#PAvg				CF Step 2.10000000 MHz <u>Auto Ma</u>
W1 S2 S3 FS AA				Freq Clifset 0.00000000 Hz
¤(1): FTun Swp				Signal Track <sup>On <u>C</u>tt</sup>
Start 2.571 500 GHz #Res BW 1 MHz	#VBW 1 MHz	Stop 2.59 Sweep 20 ms	2 500 GHz (1001 pts)	

Page 359 of 1111

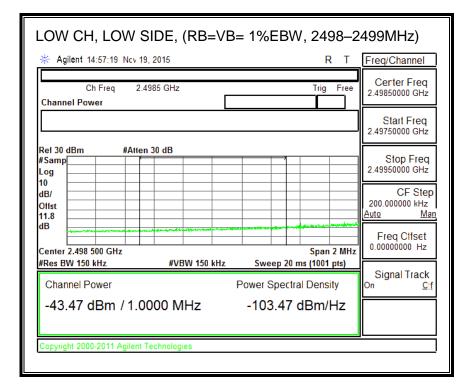
## 16QAM, (15.0 MHz BAND WIDTH)



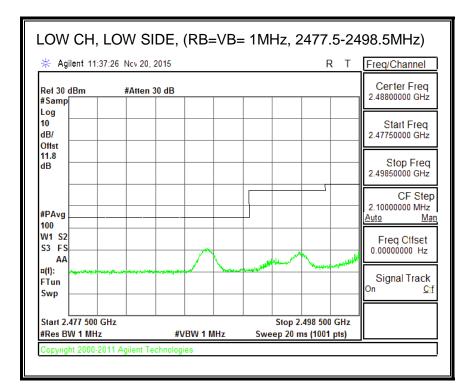


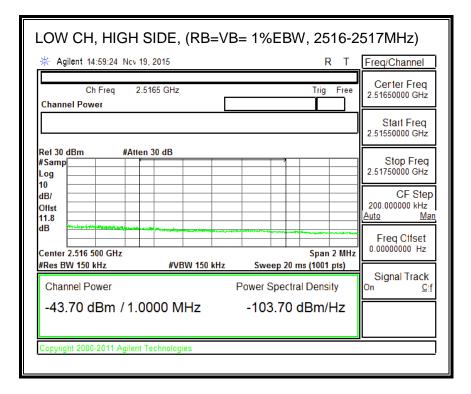
Page 360 of 1111

🔆 Agilent 1	1:53:42 Nov	19, 2015			RΤ	Freq/Channel
Ref 40 dBm #Samp	#Att					Certer Freq 2.50750000 GHz
Log P/ 10 dB/	ASS LIN	IIT1   _ [				Start Freq 2.47750000 GHz
Offst 11.8 dB						Stop Freq 2.53750000 GHz
#PAvg						CF Step 6.0000000 MHz
100 W1 S2 S3 FS						<u>Auto Ma</u> Freq Ctfset 0.00000000 Hz
AA ¤(1): FTun Swp		www.		 and the second s	~~~~~~	Signal Track
Center 2.507 #Res BW 300			W 300 kHz	Seep 20 ms	pan 60 MHz	



Page 361 of 1111

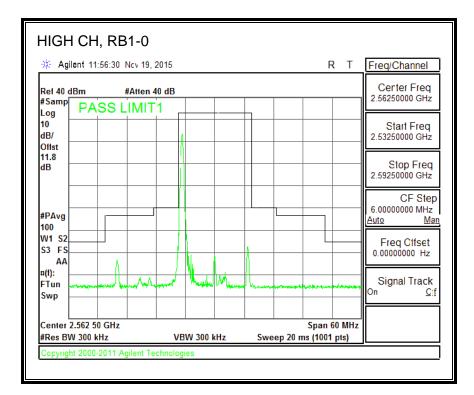


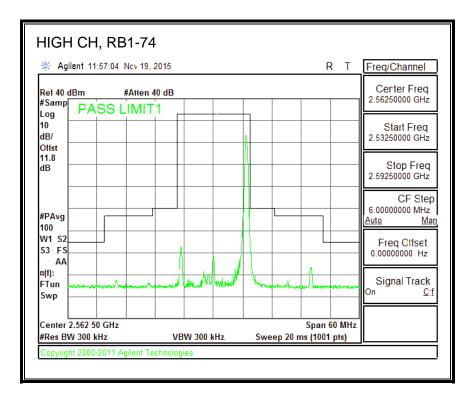


Page 362 of 1111

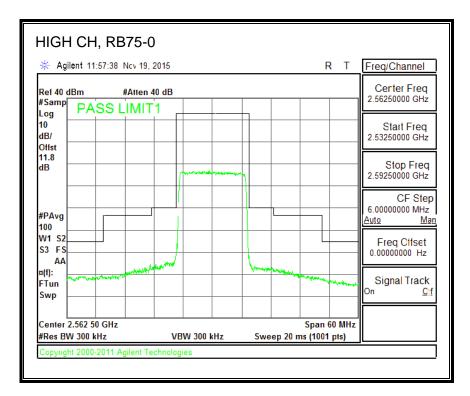
🔆 Agilent 11:38:19 Nov	20, 2015	RT	Freq/Channel
Ref 30 dBm #At #Samp	ten 30 dB		Certer Freq 2.52700000 GHz
Log			Start Freq 2.51650000 GHz
Offst 11.8 dB			Stop Freq 2.53750000 GHz
#PAvg			CF Step 2.1000000 MHz <u>Auto Ma</u>
W1 S2 S3 FS AA			Freq Clifset 0.00000000 Hz
ti(1): FTun Swp		Maleysinh Allanda anyonisy linga kanal di daga panang pana	Signal Track
Start 2.516 500 GHz #Res BW 1 MHz	#VBW 1 MHz	Stop 2.537 500 GHz Sweep 20 ms (1001 pts)	1

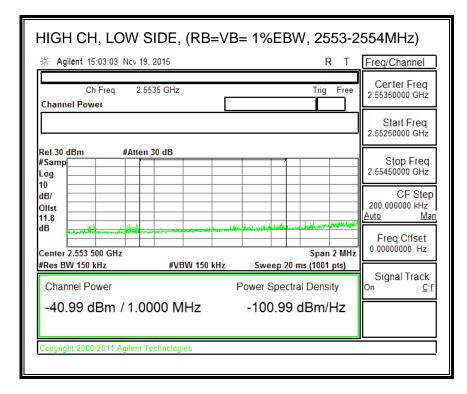
Page 363 of 1111



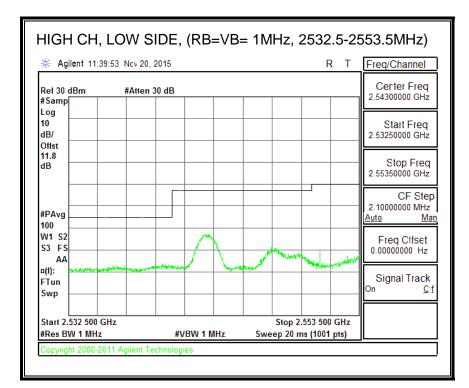


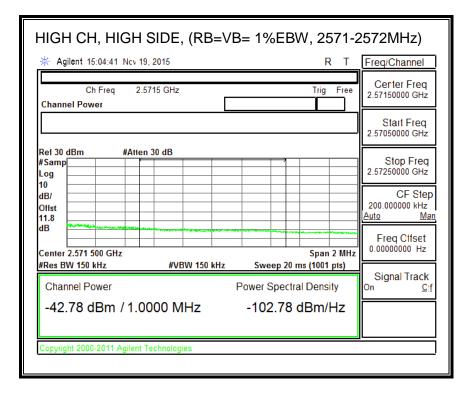
Page 364 of 1111





Page 365 of 1111



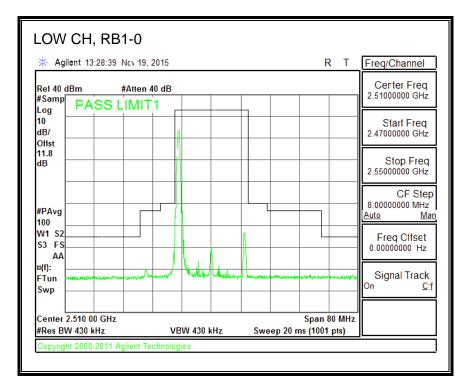


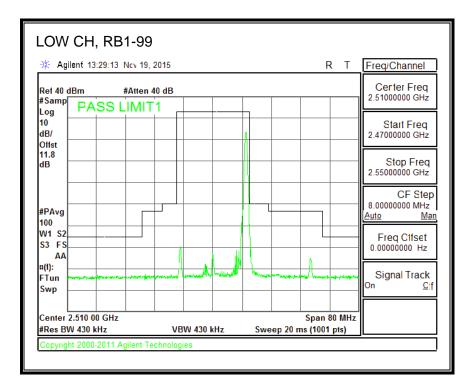
Page 366 of 1111

Agilent 11:40:39	Ncv 20, 2015		RT	Freq/Channel
Ref 30 dBm #Samp	#Atten 30 dB			Certer Freq 2.58200000 GHz
Log 10 dB/ Offst				Start Freq 2.57150000 GHz
dB				Stop Freq 2.59250000 GHz
#PAvg 100				CF Step 2.10000000 MHz <u>Auto Ma</u>
W1 S2	and the states of the strength	$\square$		Freq Offset 0.00000000 Hz
¤(f): FTun Swp				Signal Track <sup>On <u>C</u>it</sup>
Start 2.571 500 GHz #Res BW 1 MHz		VBW 1 MHz	op 2.592 500 GHz 20 ms (1001 pts)	

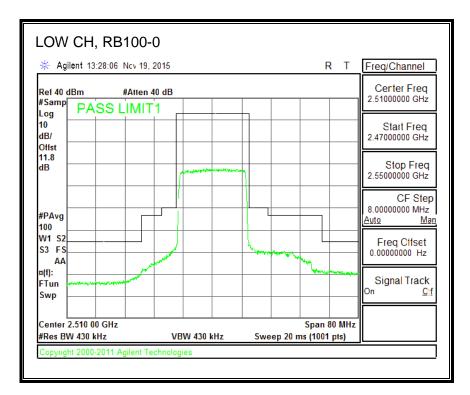
Page 367 of 1111

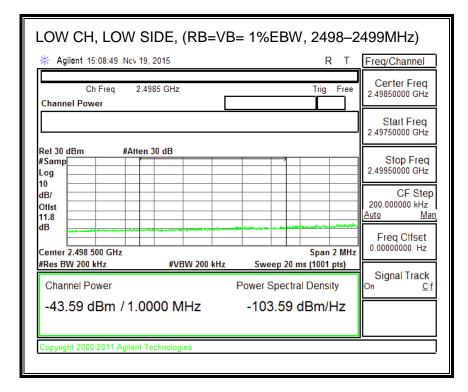
# QPSK, (20.0 MHz BAND WIDTH)





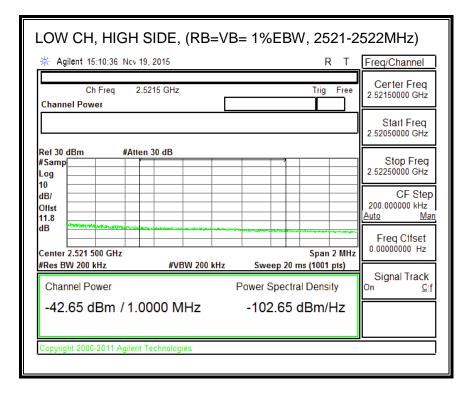
Page 368 of 1111



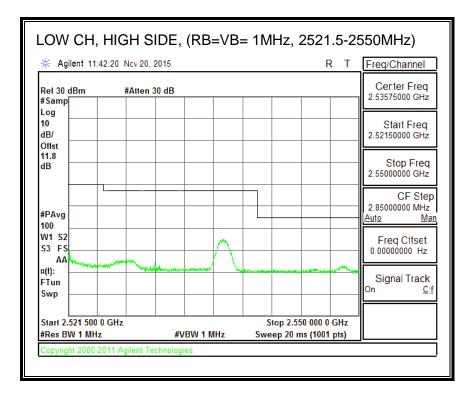


Page 369 of 1111

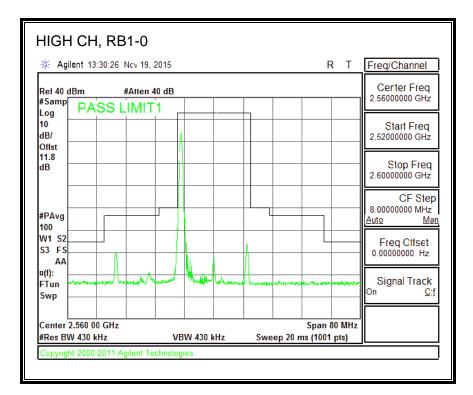
🔆 Agilent 11:41:33	Nov 20, 2015	R T	Freq/Channel
Ref 30 dBm	#Atten 30 dB		Certer Freq
#Samp			2.40425000 GHZ
Log 10 dB/			Start Freq 2.47000000 GHz
Offst 11.8 dB			- Stop Freq 2.49850000 GHz
#PAvg			CF Ste 2.8500000 MHz
100			Auto Ma
W1 S2 S3 FS			Freq Clfset
AA	and and		
¤(f): FTun Swp			Signal Track
Start 2.470 000 0 GH	7	Stop 2.498 500 0 GHz	
#Res BW 1 MHz	- #VBW 1 MHz		

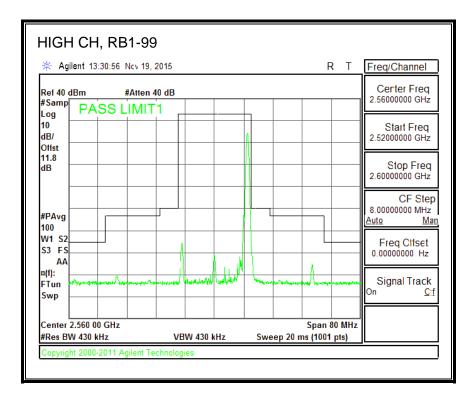


Page 370 of 1111



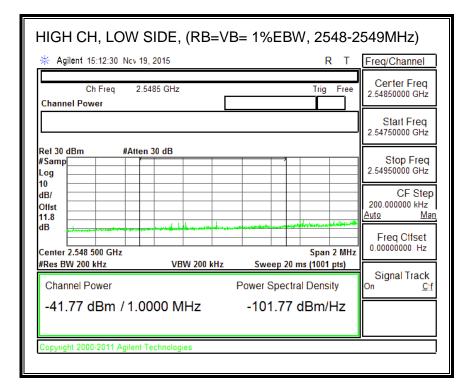
Page 371 of 1111



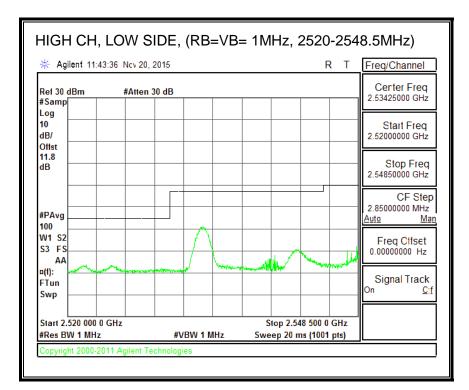


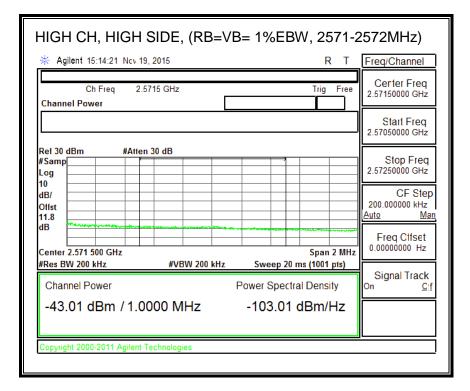
Page 372 of 1111

🔆 Agilent 13:31:	30 Nov 19, 20	15			RΤ	Freq/Channel
	#Atten 40					Certer Freq 2.5600000 GHz
Log PASS 10 dB/ Otist	S LIMIT1					Start Freq 2.5200000 GHz
dB			Partness			Stop Freq 2.6000000 GHz
#PAvg						CF Step 8.0000000 MHz <u>Auto Ma</u>
W1 S2 S3 FS AA		univi		H. M. Martine and Martine		Freq Clfset 0.00000000 Hz
¤(1):						Signal Track <sup>On <u>Cif</u></sup>
Center 2.560 00 G #Res BW 430 kHz	Hz	VBW 430	kHz S	weep 20 ms	Span 80 MHz (1001 pts)	



Page 373 of 1111



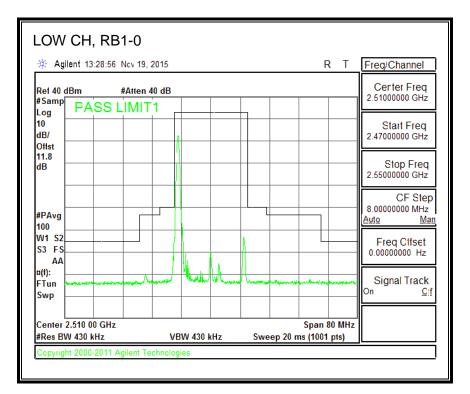


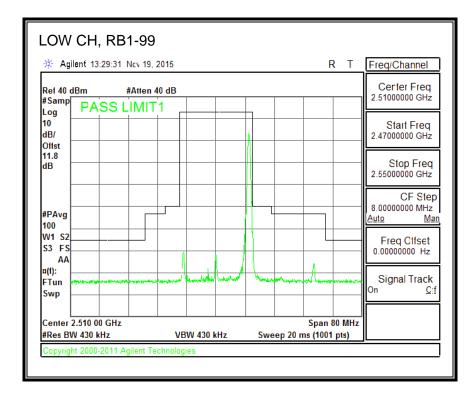
Page 374 of 1111

🔆 Agilent 11:44:41 N	cv 20, 2015		R T [	- req/Channel
Ref 30 dBm #/	Atten 30 dB			Certer Freq 2.58575000 GHz
Log 10 dB/ 0fist				Start Freq 2.57150000 GHz
dB				Stop Freq 2.6000000 GHz
#PAvg			1 10	CF Step 2.85000000 MHz <u>suto M</u> a
W1 S2 S3 FS AA				Freq Olfset 0.00000000 Hz
¤(f): FTun Swp				Signal Track
Start 2.571 500 0 GHz #Res BW 1 MHz	#VBW 1	Stop 2.600 000 ( eep 20 ms (100		

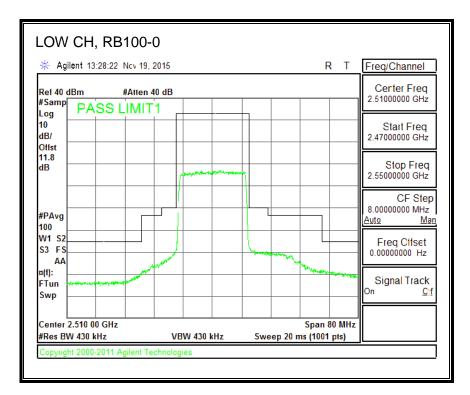
Page 375 of 1111

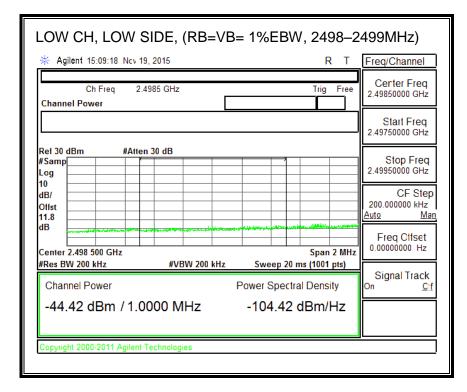
# 16QAM, (20.0 MHz BAND WIDTH)





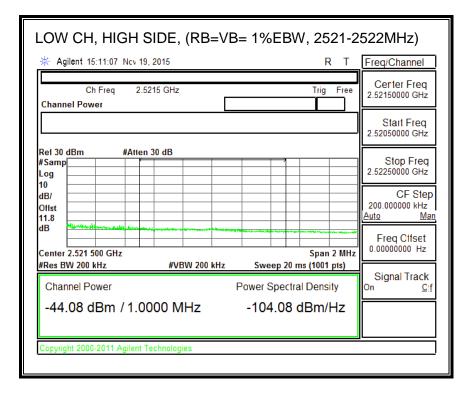
Page 376 of 1111



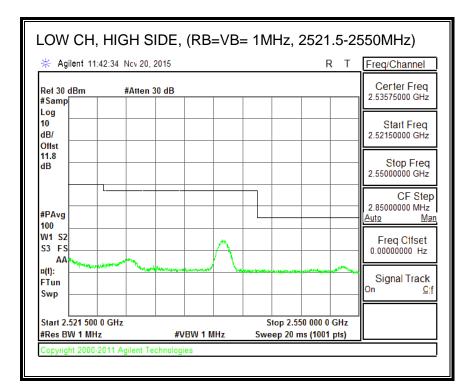


Page 377 of 1111

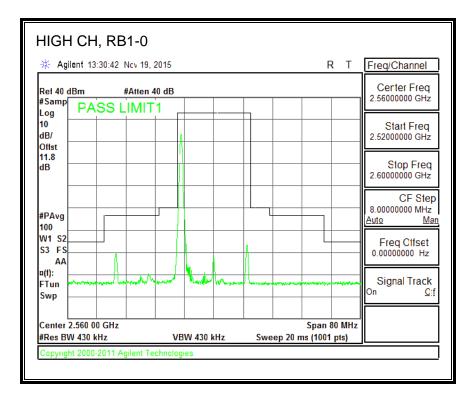
🔆 Agilent 11:41	1:48 Nov 20, 20	015		R	Т	Freq/Channel
Ref 30 dBm	#Atten 30	) dB				Center Freq
#Samp						2.40425000 GHZ
Log 10 dB/						Start Freq 2.47000000 GHz
Offst 11.8 dB						Stop Freq 2.49850000 GHz
#PAvg						CF Ste 2.8500000 MHz Auto M
100						
W1 S2 S3 FS				n.		Freq Offset 0.00000000 Hz
		and the second s	and the second	and the second second	Herberley	
FTun Swp						Signal Track On <u>O</u>
Start 2.470 000 0 #Res BW 1 MHz	GHZ	#VBW 1 MHz	Stop 2. Sweep 20	498 500 0		

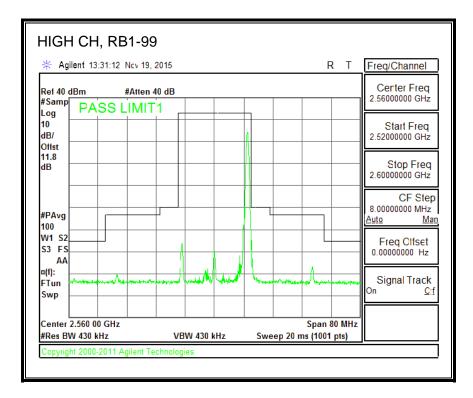


Page 378 of 1111



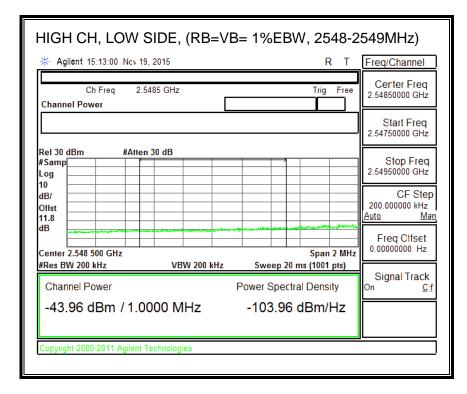
Page 379 of 1111



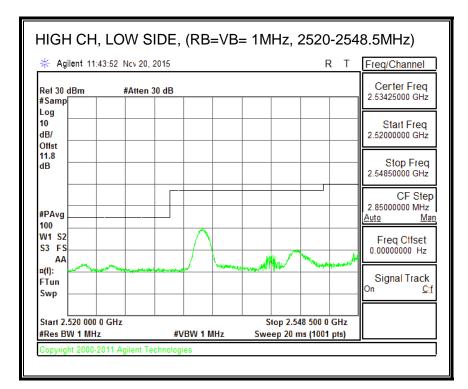


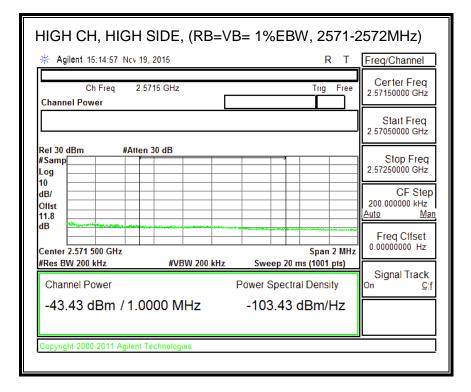
Page 380 of 1111

🔆 Agil	ent 13:	31:46	Ncv 19, 3	2015					I	RТ	Freq/Channel
Ref 40 d #Samp			#Atten 4	1							Certer Freq 2.5600000 GHz
Log   10   dB/	PA	551									Start Freq 2.52000000 GHz
Offst 11.8 dB						~ <del>~</del>	h h				Stop Freq 2.6000000 GHz
#PAvg											CF Step 8.0000000 MHz Auto Ma
100 W1 S2 S3 FS											Freq Offset 0.00000000 Hz
AA ¤(f): FTun Swp –		and the second secon	Congettingting for	an gaint of			****	and the second second	and a start of the		Signal Track <sup>On <u>C</u>if</sup>
Center 2 #Res BV				v	BW 430	kHz	Swe	eep 20 r		80 MHz	



Page 381 of 1111





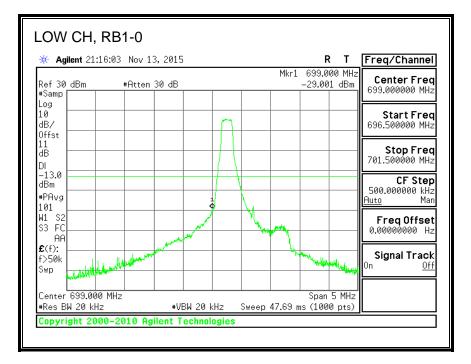
Page 382 of 1111

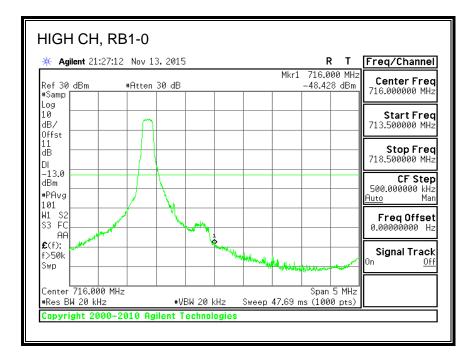
🔆 Agile	nt 11:45:0	5 Ncv 20	, 2015					R	Т	Freq/Channel
Ref 30 dE #Samp	Bm	#Atter	30 dB							Certer Freq 2.58575000 GHz
Log 10 dB/ Offst										Start Freq 2.57150000 GHz
11.8 dB										Stop Freq 2.6000000 GHz
#PAvg 100										CF Step 2.8500000 MHz <u>Auto Ma</u>
W1 S2 S3 FS_	mproduction of the state		44		$\wedge$					Freq Olfset 0.00000000 Hz
¤(f): FTun Swp						<del>******</del>	rqn 736 mgl dr 6.460		4.445da.e.9	Signal Track <sup>On <u>C</u>!</sup>
Start 2.57 #Res BW	1 500 0 G 1 MHz	Hz	#\	/BW 1 M	/Hz			)0 000 0 ns (1001		

Page 383 of 1111

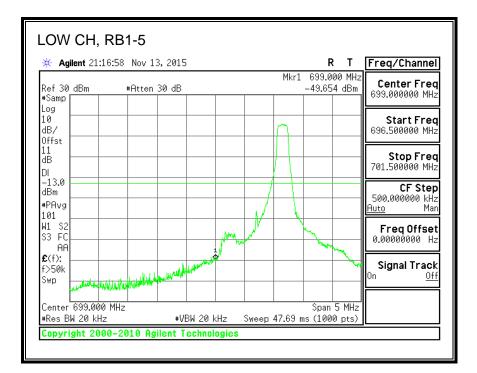
# 8.2.5. LTE BAND 12 BANDEDGE

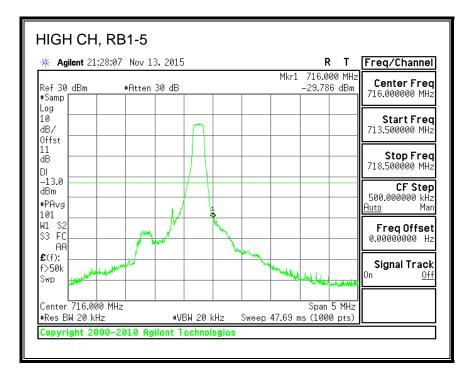
#### **QPSK, (1.4 MHz BAND WIDTH)**



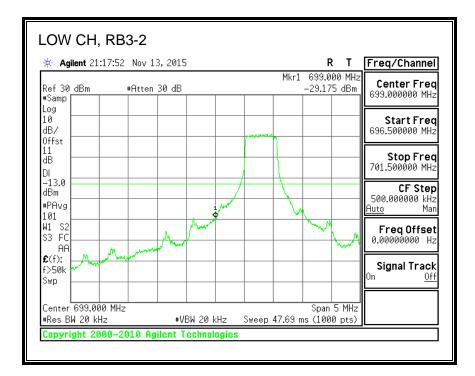


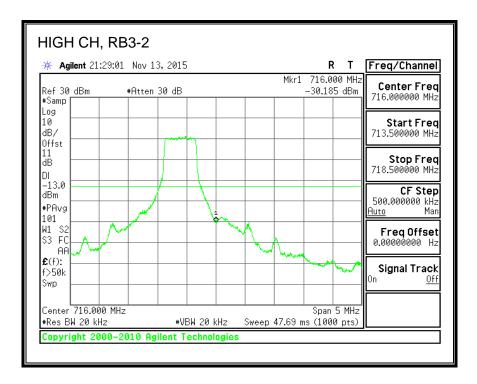
Page 384 of 1111



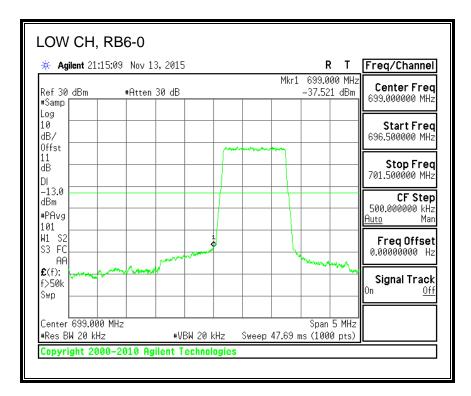


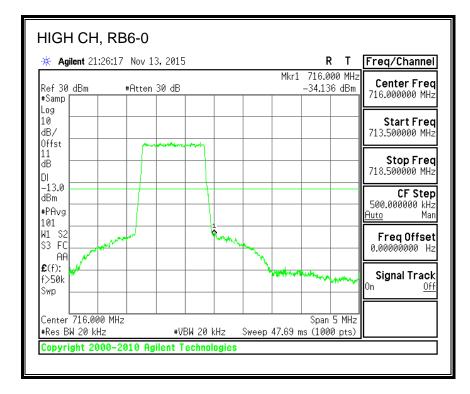
Page 385 of 1111





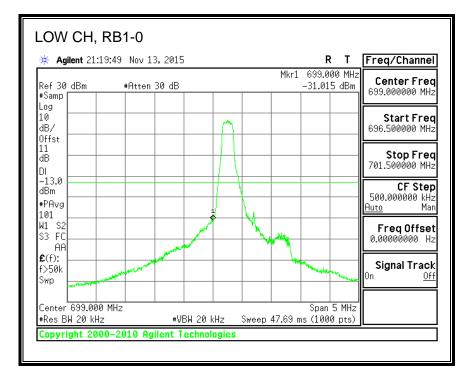
Page 386 of 1111

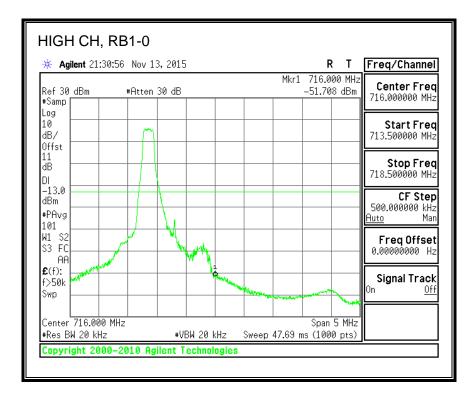




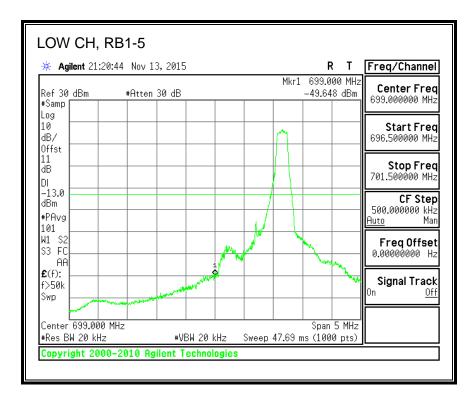
Page 387 of 1111

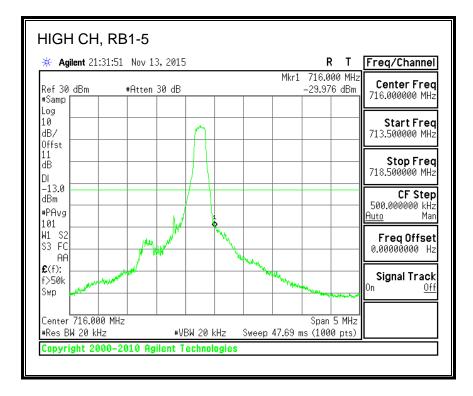
# 16QAM, (1.4 MHz BAND WIDTH)



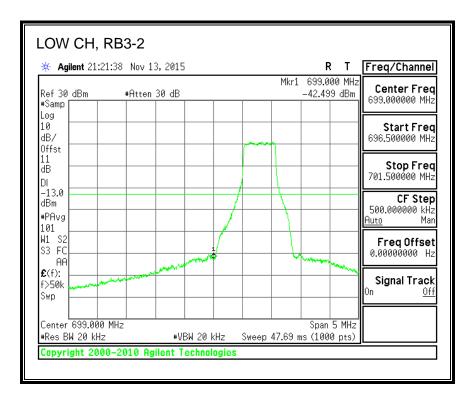


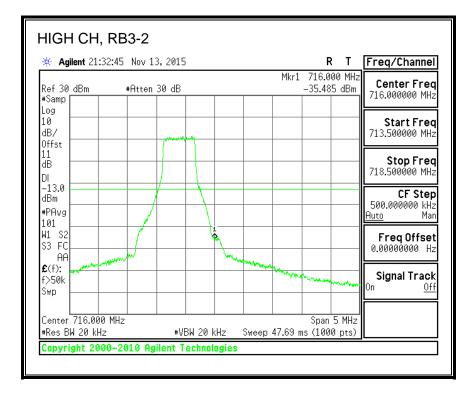
Page 388 of 1111



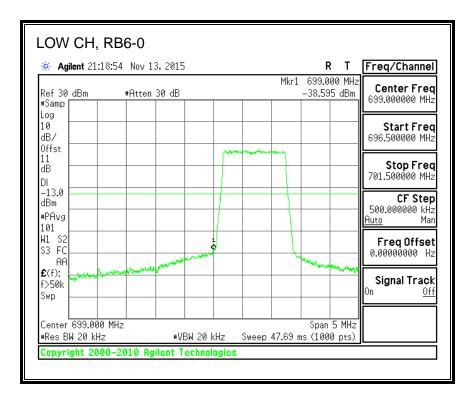


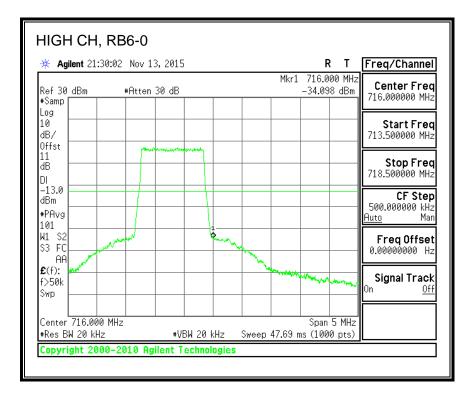
Page 389 of 1111





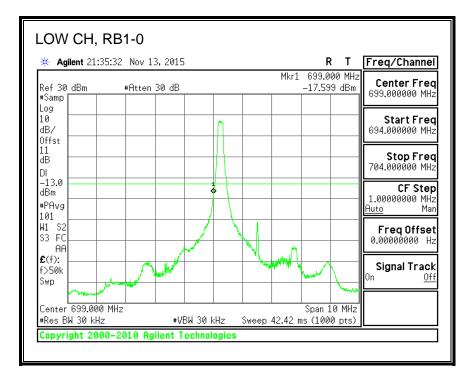
Page 390 of 1111

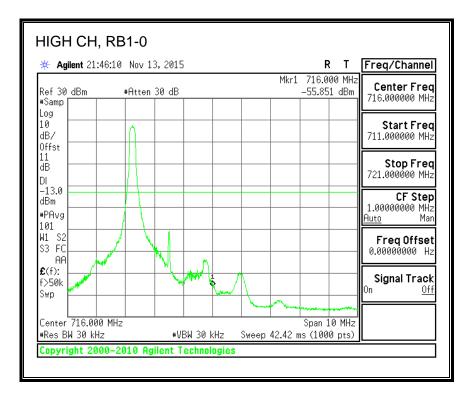




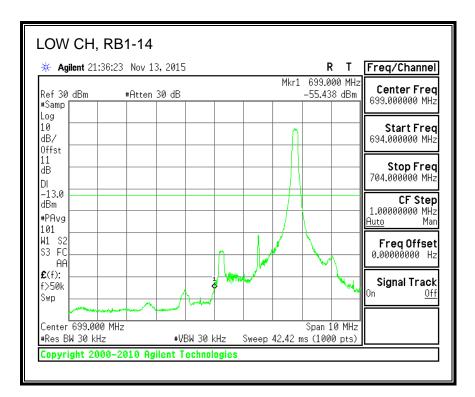
Page 391 of 1111

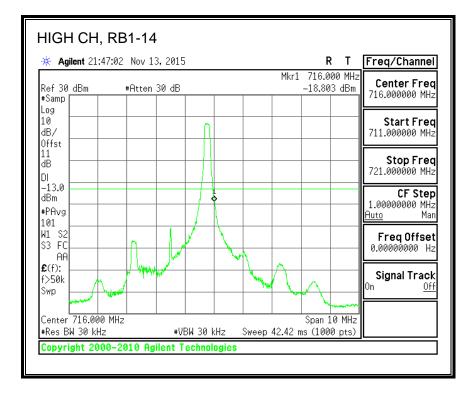
# QPSK, (3.0 MHz BAND WIDTH)



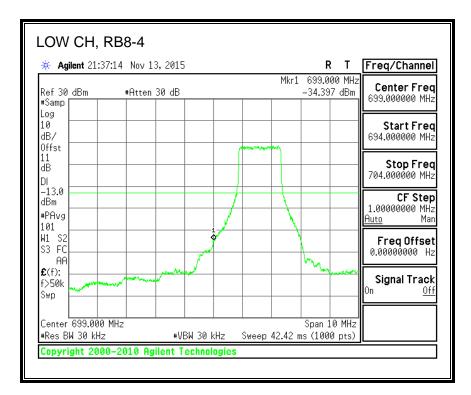


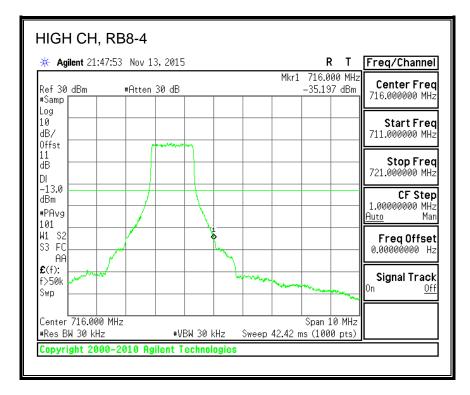
Page 392 of 1111



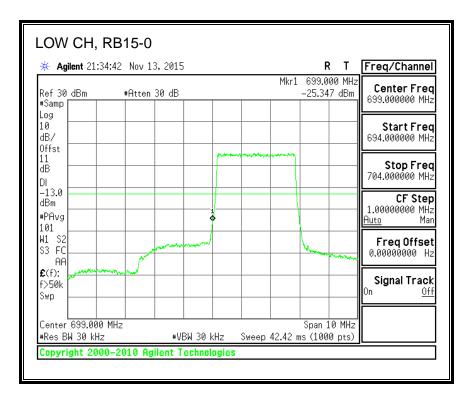


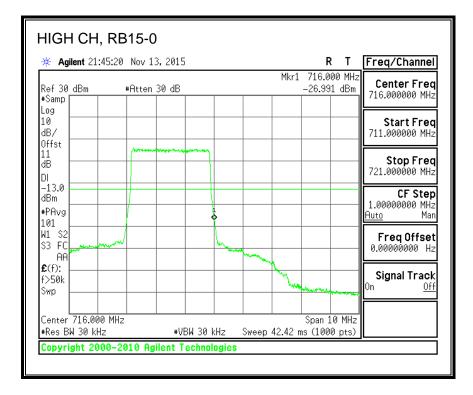
Page 393 of 1111





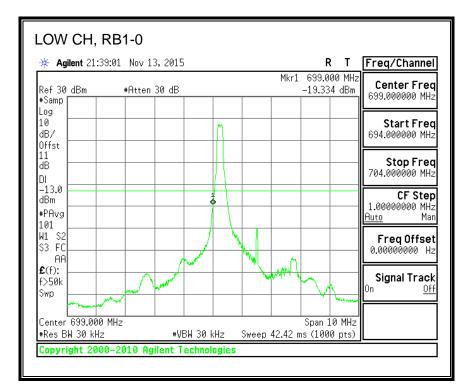
Page 394 of 1111

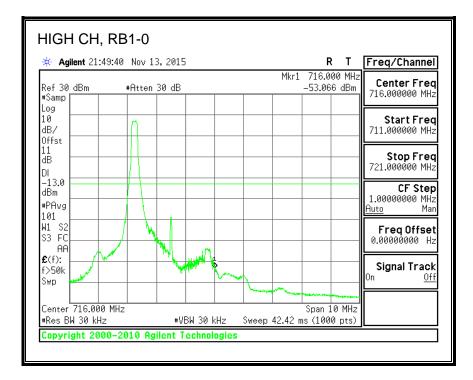




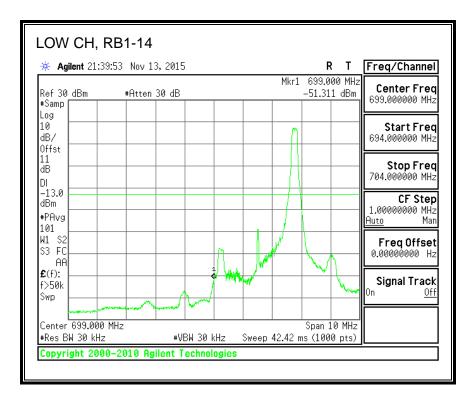
Page 395 of 1111

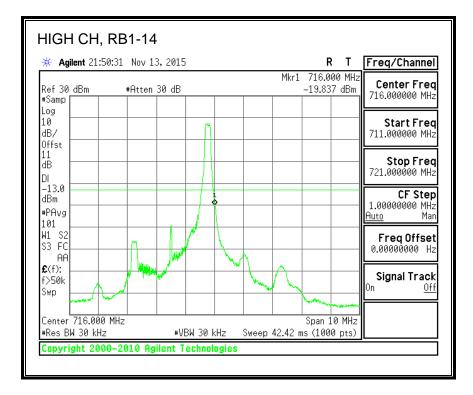
### 16QAM, (3.0 MHz BAND WIDTH)



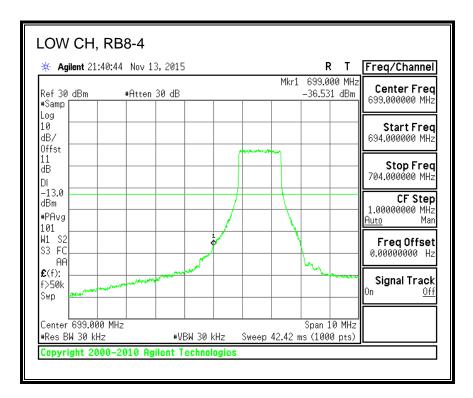


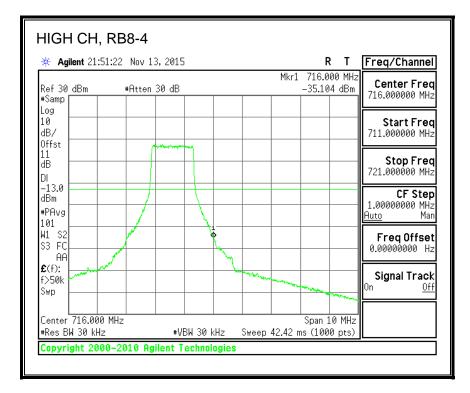
Page 396 of 1111





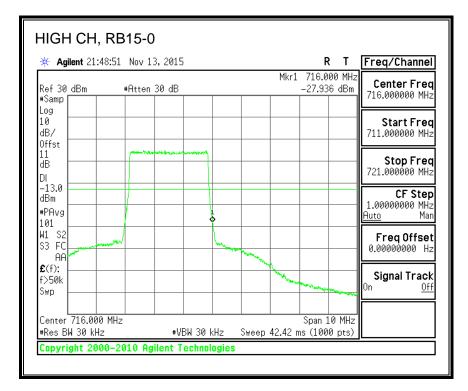
Page 397 of 1111





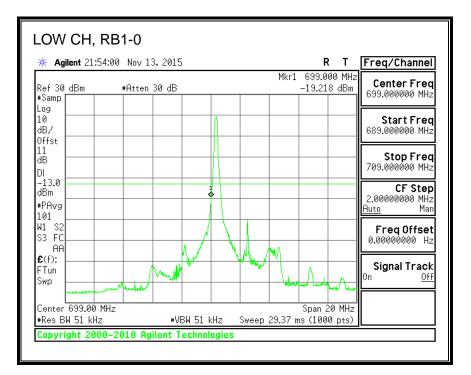
Page 398 of 1111

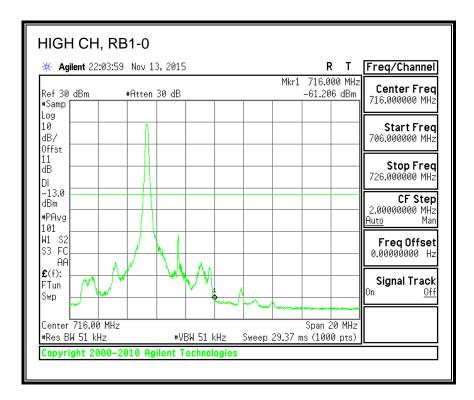
🔆 Agilent 21:3	38:11 Nov 13, 2	2015			R	Т	Freq/Channel
Ref 30 dBm #Samp	#Atten 30	dB		Mkr1	. 699.00 -25.404	00 MHz 4 dBm	Center Fred 699.000000 MHz
Log 10 dB/							Start Fred 694.000000 MHz
Offst 11 dB DI			****	•			Stop Fred 704.000000 MHz
-13.0 dBm #PAvg							CF Step 1.00000000 MHz Auto Mar
101 W1 S2 S3 FC AA		maria			hannen		Freq Offset 0.00000000 Hz
£(f): f>50k Swp							<b>Signal Track</b> On <u>Off</u>
Center 699.000 #Res BW 30 kHz		#VBW 30 k	Hz Swe	ep 42.42	Span 1 ms (1000		



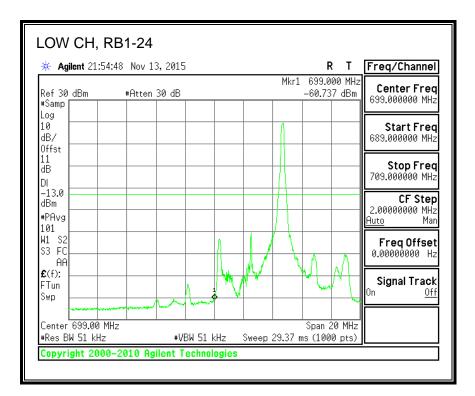
Page 399 of 1111

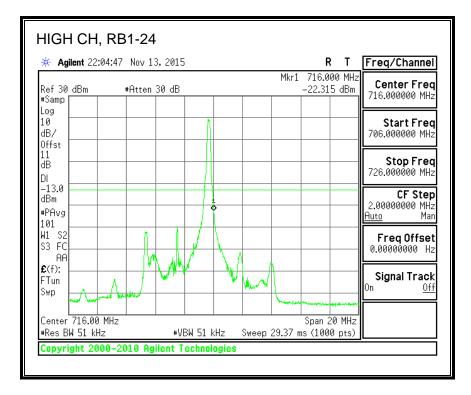
### QPSK, (5.0 MHz BAND WIDTH)



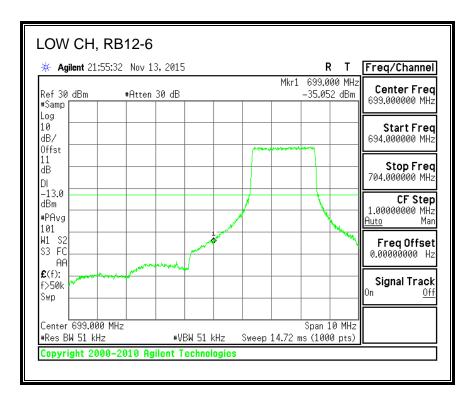


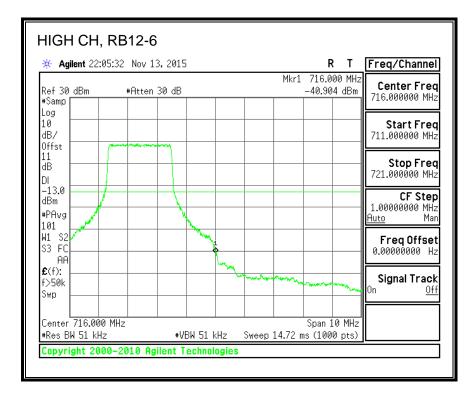
Page 400 of 1111



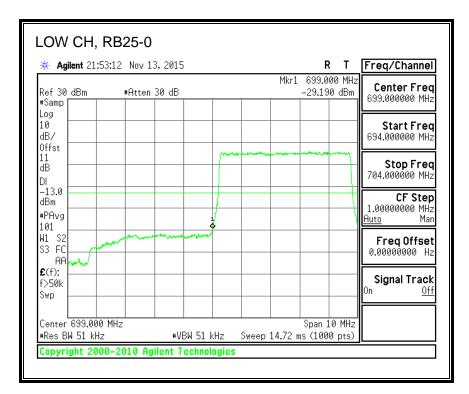


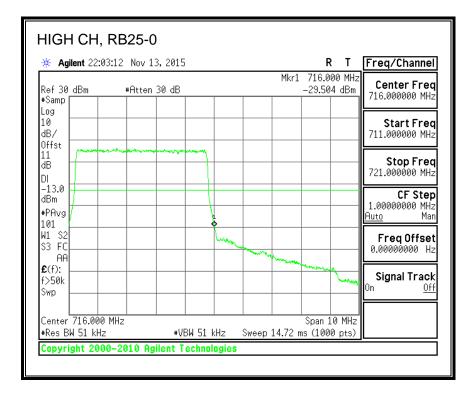
Page 401 of 1111





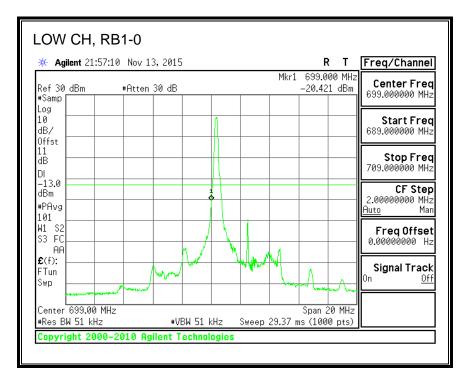
Page 402 of 1111

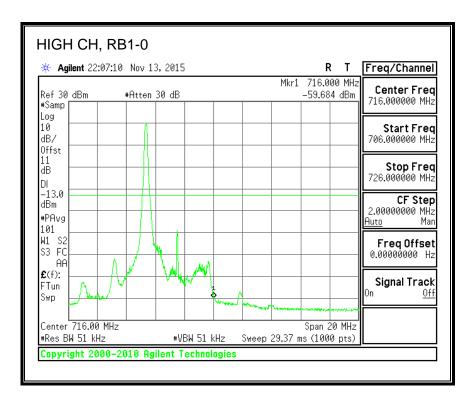




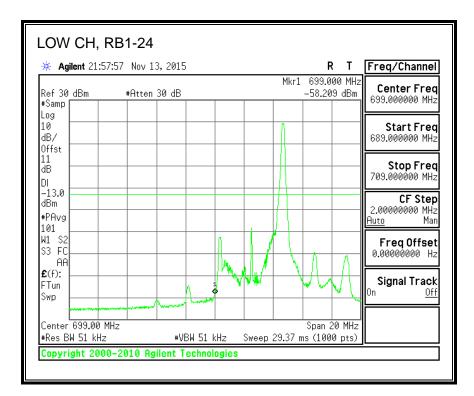
Page 403 of 1111

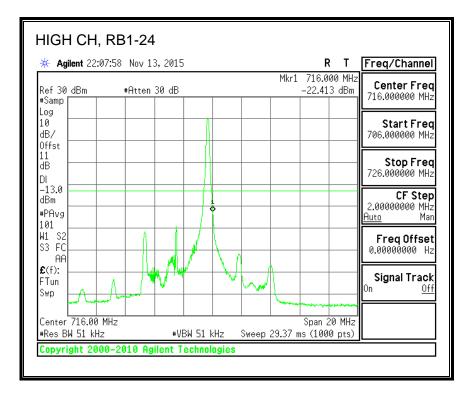
## 16QAM, (5.0 MHz BAND WIDTH)



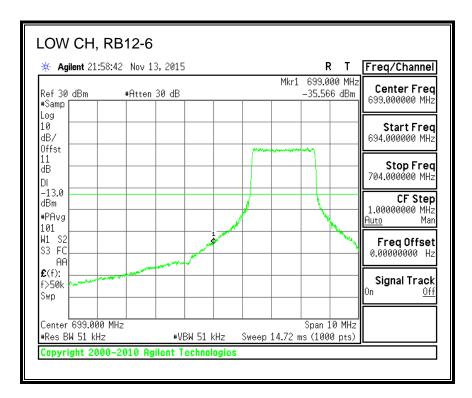


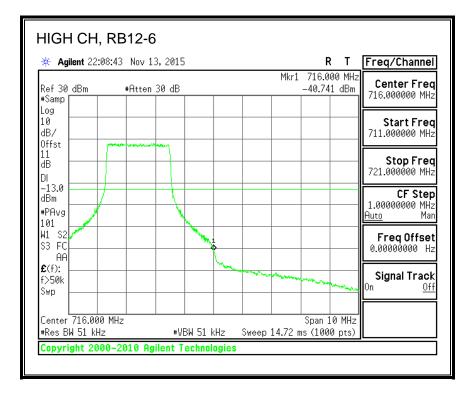
Page 404 of 1111





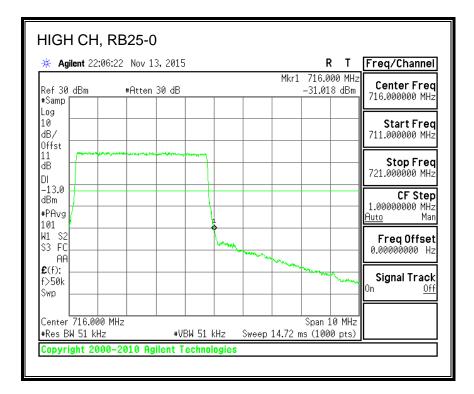
Page 405 of 1111





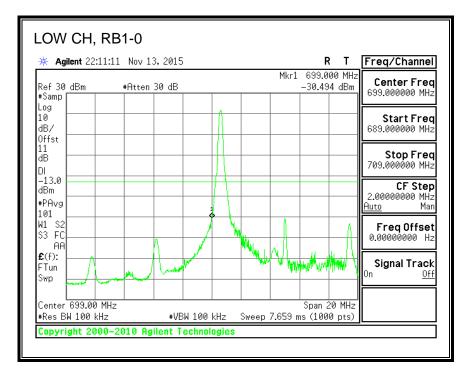
Page 406 of 1111

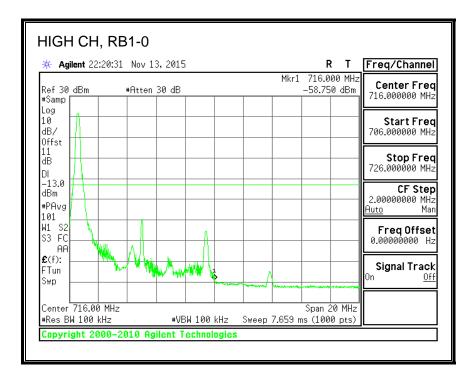
🔆 Agi	lent 21:56	3:23 Nov	/ 13, 2015	)				R		Freq/Channel
Ref 30 #Samp	dBm	#Att	en 30 dB				Mkr1	699.00 -29.59:	00 MHz 1 dBm	Center Freq 699.000000 MHz
+Samp Log										
10 dB/ Offst										Start Freq 694.000000 MHz
11					frageter			******		Stop Freq
dB DI										704.000000 MHz
-13.0 dBm										CF Step
#PAvg 101				1						1.00000000 MHz <u>Auto</u> Man
W1 S2 S3 FC		~~~		erron a	,					Freq Offset 0.00000000 Hz
£(f):										
f>50k										Signal Track
Swp										<u></u>
[ 	699.000	MU-						Span 1	0 MU-	
	√ 51 kHz	rinz	#V	BW 51 k	Hz	Sweep :	1472 m			



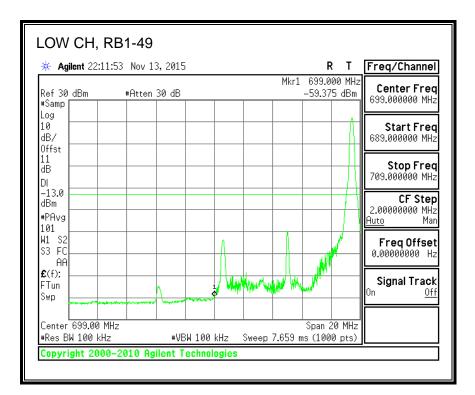
Page 407 of 1111

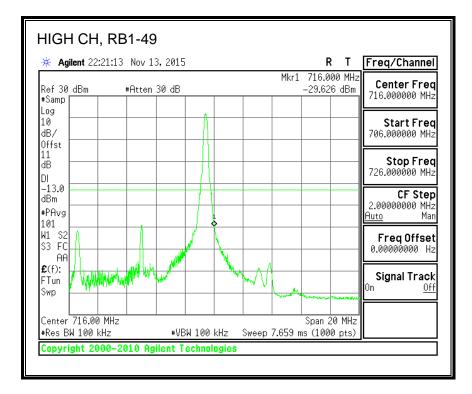
## QPSK, (10.0 MHz BAND WIDTH)



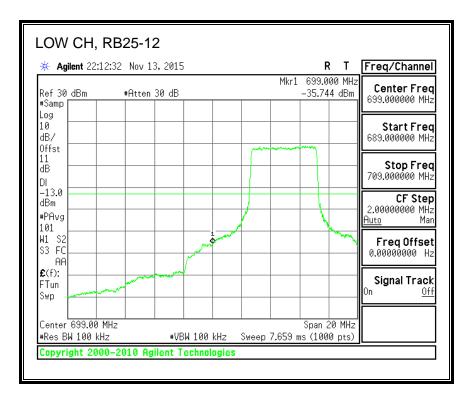


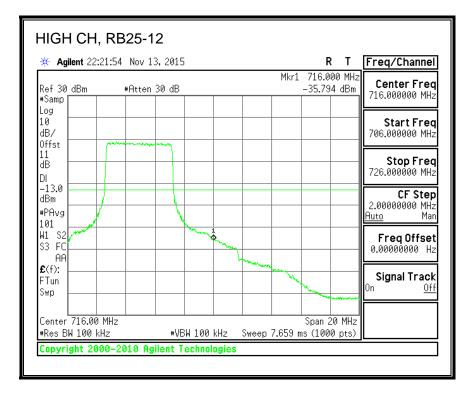
Page 408 of 1111



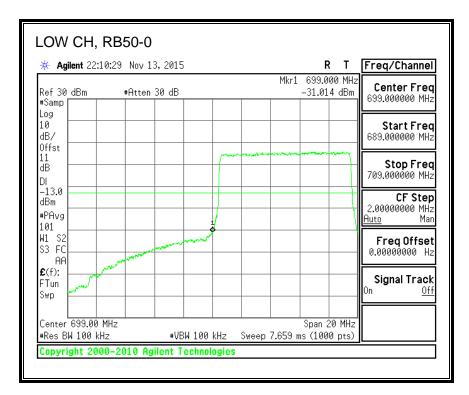


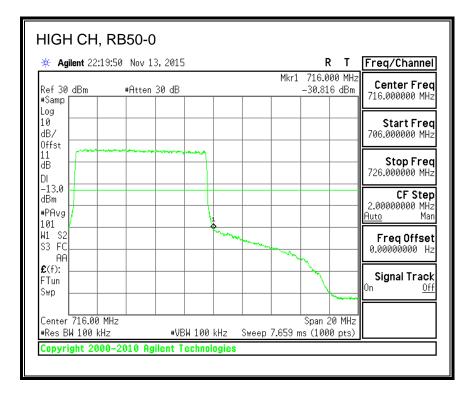
Page 409 of 1111





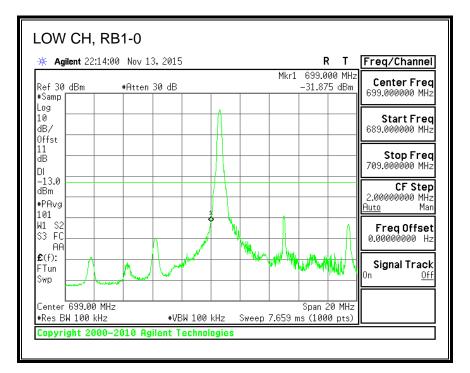
Page 410 of 1111

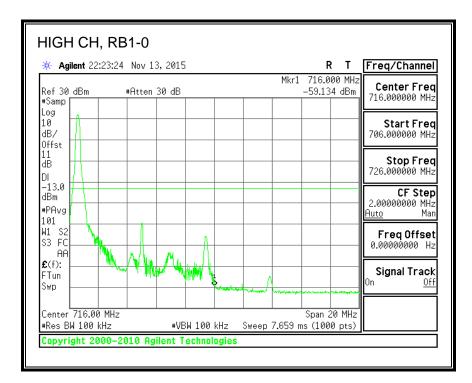




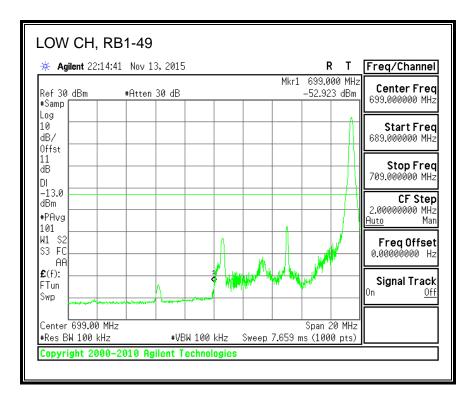
Page 411 of 1111

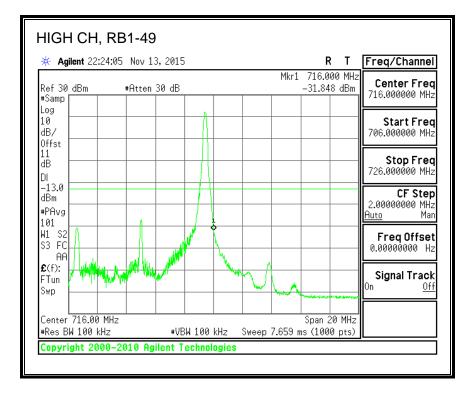
## 16QAM, (10.0 MHz BAND WIDTH)



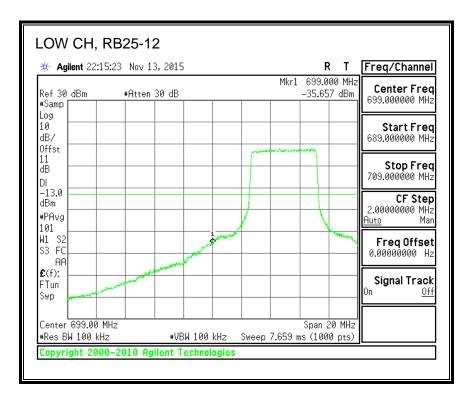


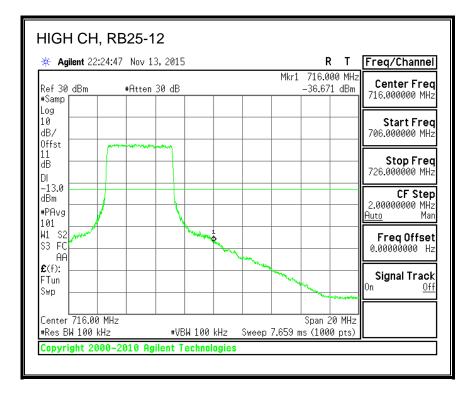
Page 412 of 1111





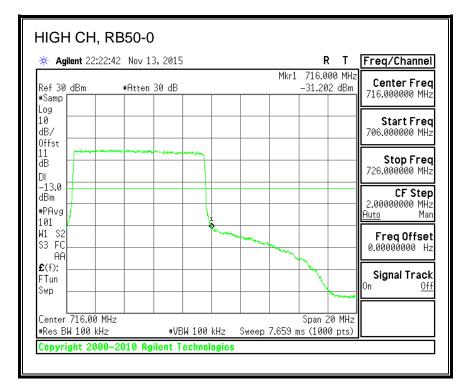
Page 413 of 1111





Page 414 of 1111

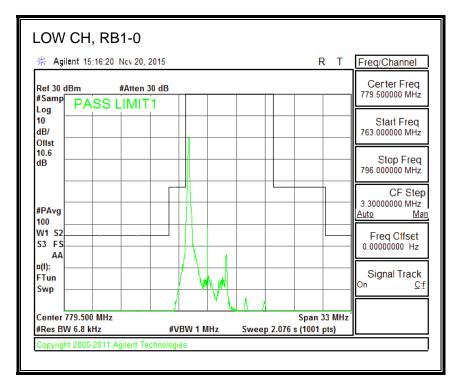
🔆 Agi	ilent 22:13:1	8 Nov 1	3,2015					R		Freq/Channel
Ref 30 #Samp	dBm	#Atten	30 dB			1	Mkr1	699.0 -32.43	00 MHz 4 dBm	Center Freq 699.000000 MHz
Log 10 dB/ Offst										Start Frec 689.000000 MHz
11 dB DI								********	*****	<b>Stop Freq</b> 709.000000 MHz
-13.0 dBm #PAvg 101										<b>CF Step</b> 2.00000000 MHz <u>Auto</u> Mar
W1 S2 S3 FC AA				man	•					FreqOffset 0.00000000 Hz
<b>£</b> (f): FTun Swp	and the second se									Signal Track <sup>On <u>Off</u></sup>
	699.00 MHz W 100 kHz		 #VE	W 100	kHz	Sween	 7.659 n		20 MHz 0 nts)	

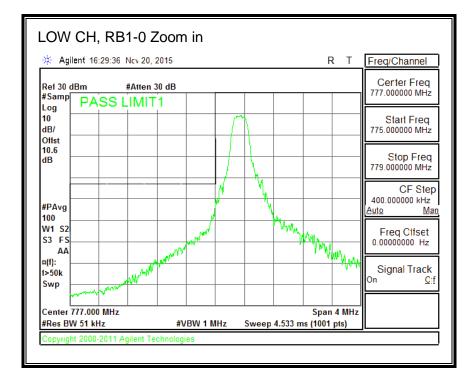


Page 415 of 1111

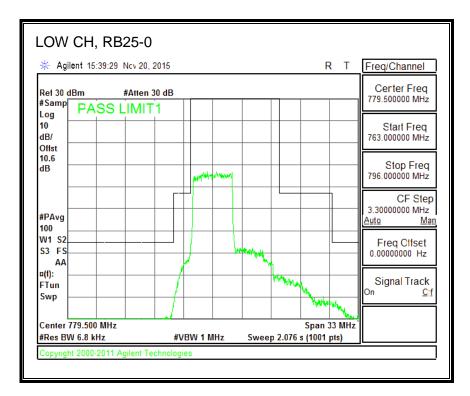
## 8.2.6. LTE BAND 13 EMISSION MASK

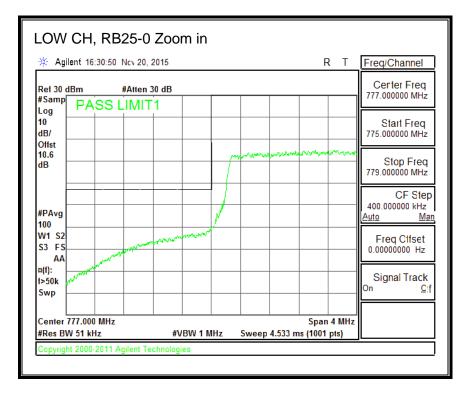
## **QPSK, (5.0 MHz BAND WIDTH)**



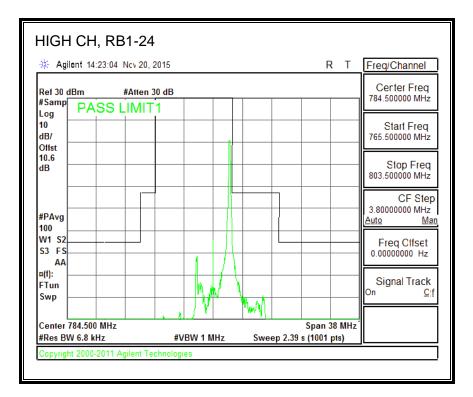


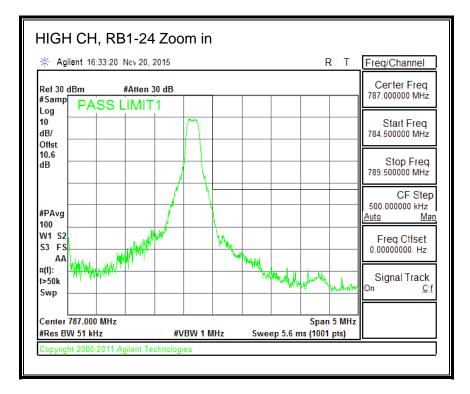
Page 416 of 1111



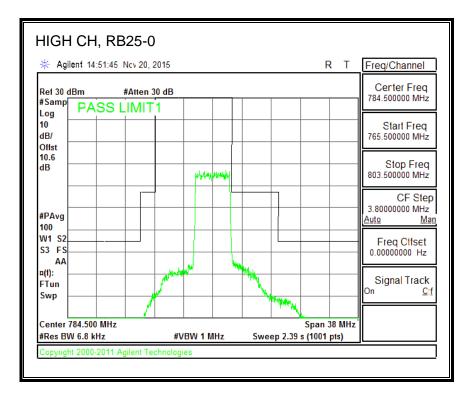


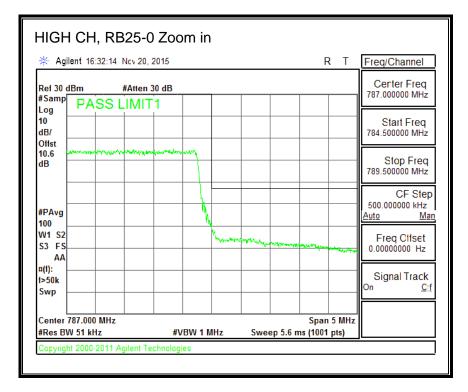
Page 417 of 1111





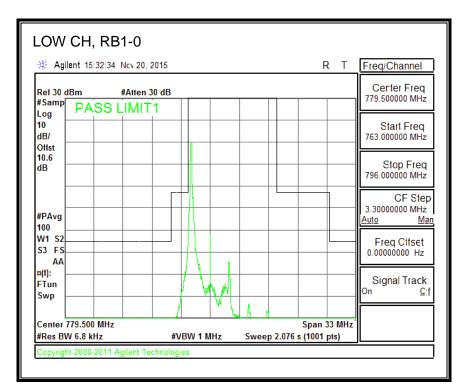
Page 418 of 1111

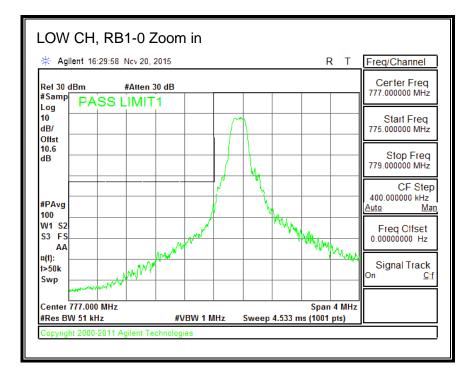




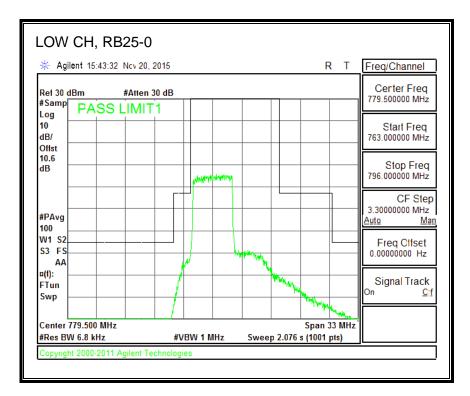
Page 419 of 1111

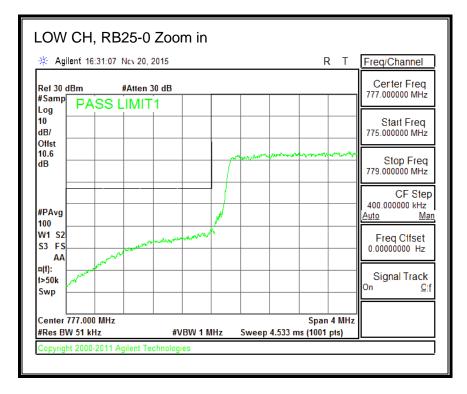
#### 16QAM, (5.0 MHz BAND WIDTH)



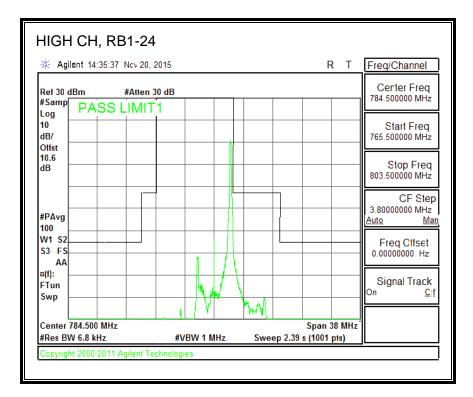


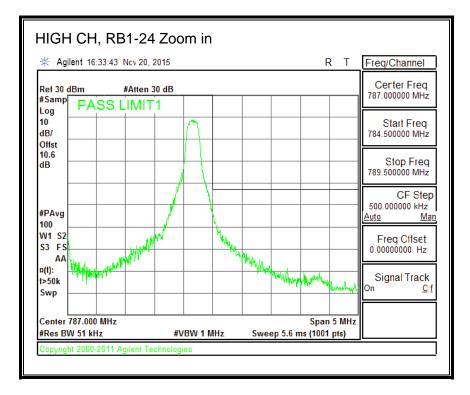
Page 420 of 1111



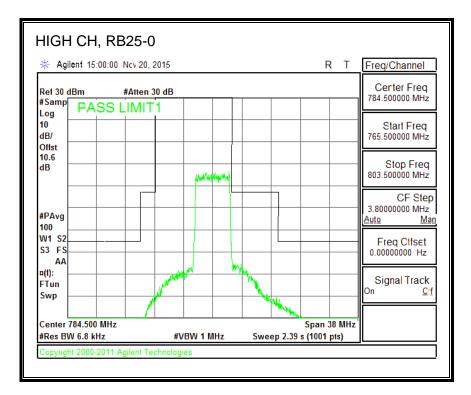


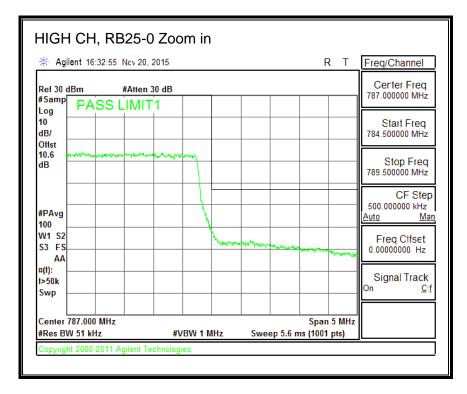
Page 421 of 1111





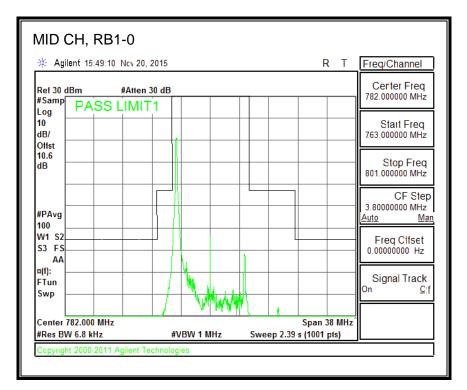
Page 422 of 1111

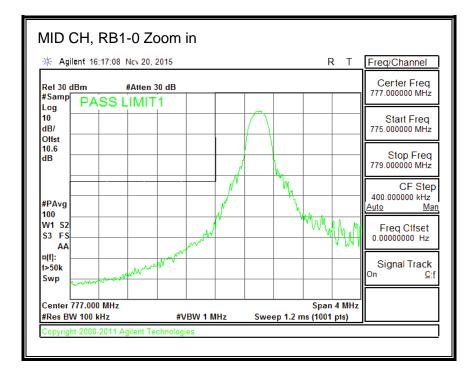




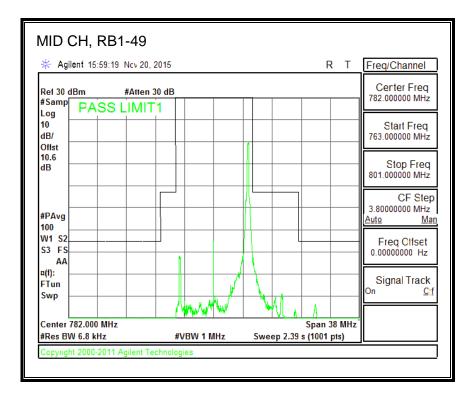
Page 423 of 1111

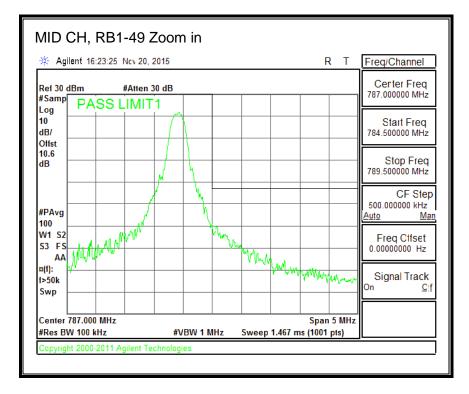
## QPSK, (10.0 MHz BAND WIDTH)



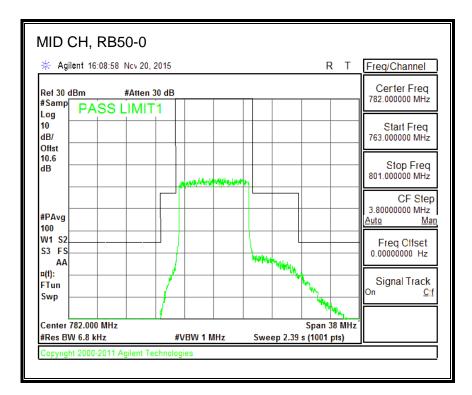


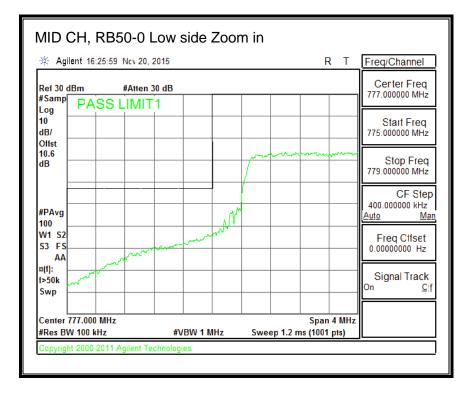
Page 424 of 1111





Page 425 of 1111



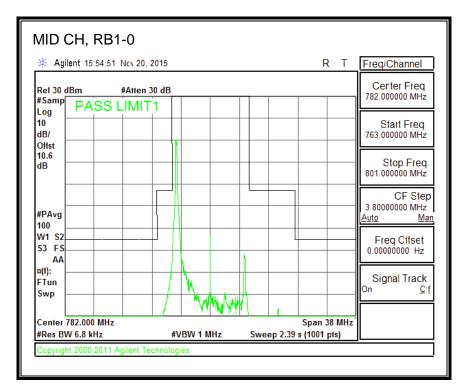


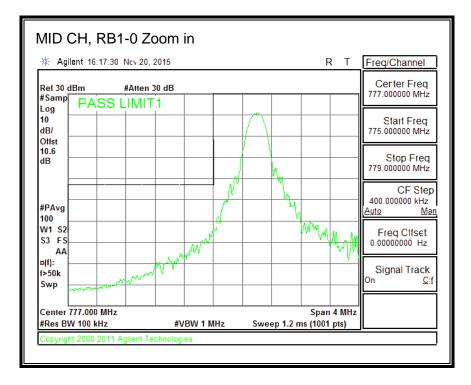
Page 426 of 1111

🔆 Agi	lent 16	:24:56	Ncv 20,	2015					F	R T	Freq/C	Channel
Ref 30 o #Samp		00	#Atten									ter Freq 0000 MHz
Log 10 dB/ Offst	PA											art Freq 0000 MHz
dB	n n n n n n n n n n n n n n n n n n n											top Freq 0000 MHz
#PAvg					hy hr.						500.00 <u>Auto</u>	CF Step 00000 kHz <u>Mar</u>
100 W1 S2 S3 FS AA							v	*********	mm	monten		q Clfset 00000 Hz
¤(f): l>50k Swp											Sigr On	nal Track <u>Cif</u>
Center #Res B\				#V	BW 1 N	  Hz	Sweer	o 1.467 m		5 MHz pts)		

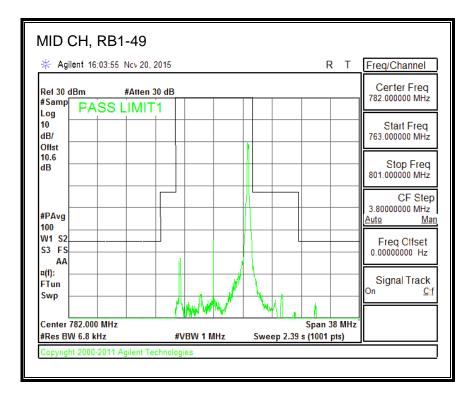
Page 427 of 1111

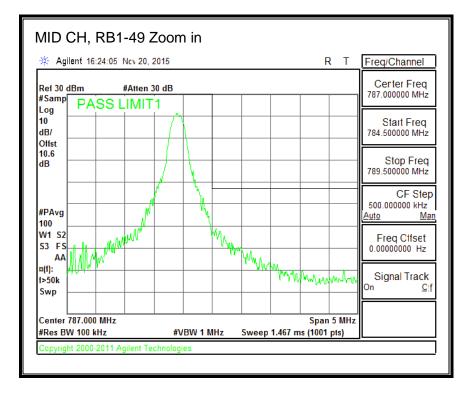
## 16QAM, (10.0 MHz BAND WIDTH)



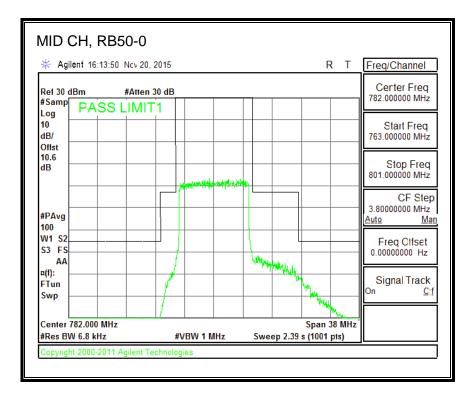


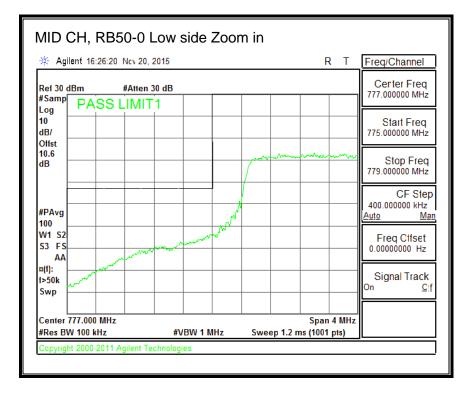
Page 428 of 1111





Page 429 of 1111





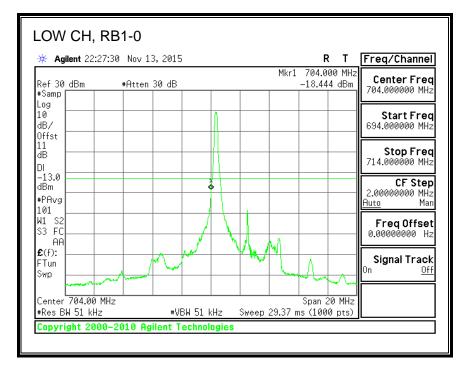
Page 430 of 1111

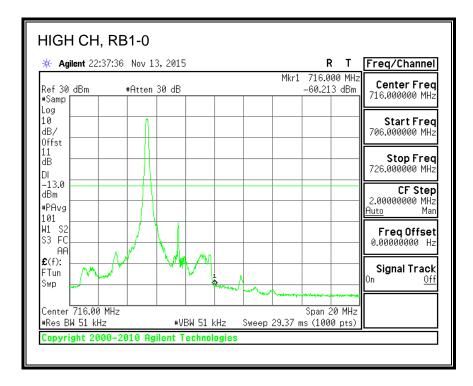
🔆 Agil	ent 16	:25:24	Ncv 20, 2	2015					F	T	Freq/Chann	el
Ref30d #Samp			#Atten 3								Center Fr 787.000000 M	
Log 10 dB/				•							Start Fr 784.500000 N	
Offst 10.6 dB	- - -	~~~~	-	marian							Stop Fr 789.500000 N	
#PAvg					h.						CF S 500.000000 k <u>Auto</u>	
100 W1 S2 S3 FS AA						www	harry	-	~~~~~~	مريدال مر <b>م</b> عر	Freq Clfs 0.00000000	et Hz
¤(f): l>50k Swp											Signal Tra <sup>On</sup>	ack <u>Cif</u>
Center 7 #Res BV				#V	BW 1 N	 IHz	Sweep	1.467 m		5 MHz pts)		

Page 431 of 1111

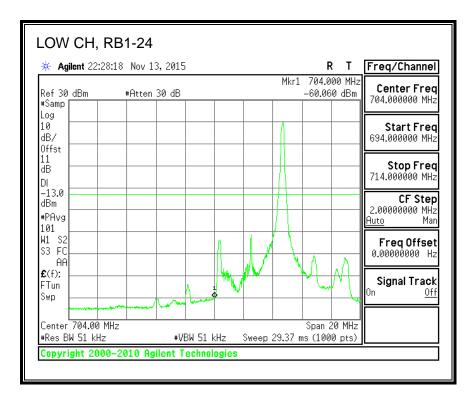
# 8.2.7. LTE BAND 17 BANDEDGE

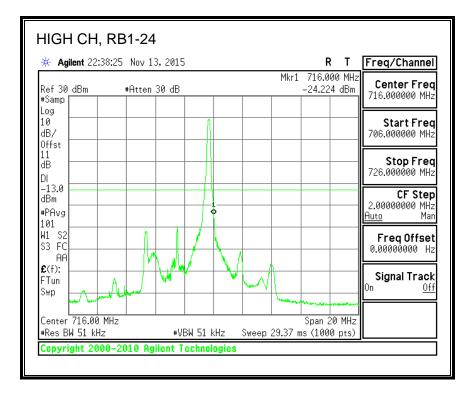
#### QPSK, (5.0 MHz BAND WIDTH)



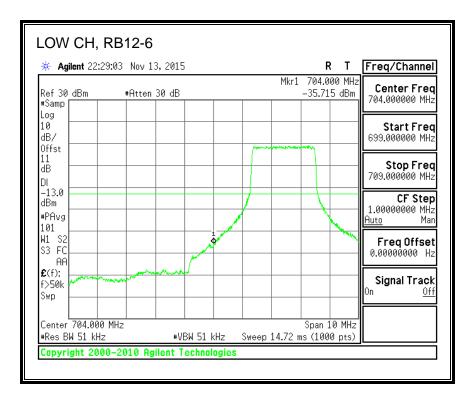


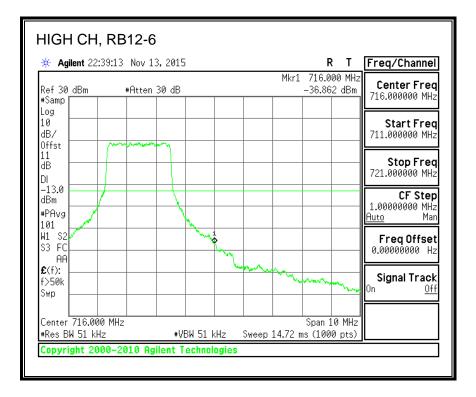
Page 432 of 1111



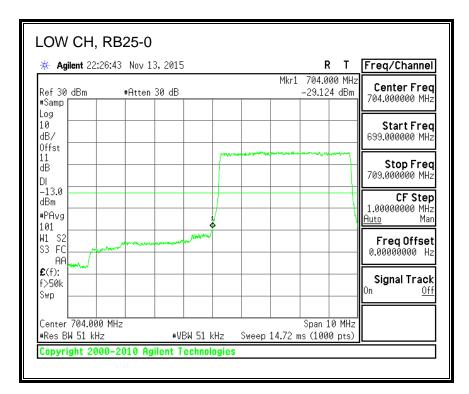


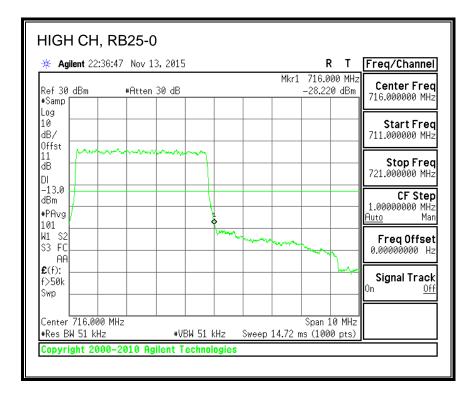
Page 433 of 1111





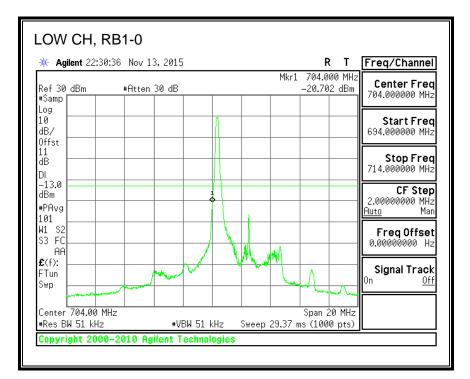
Page 434 of 1111

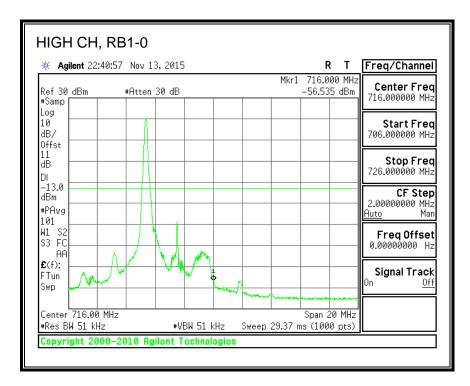




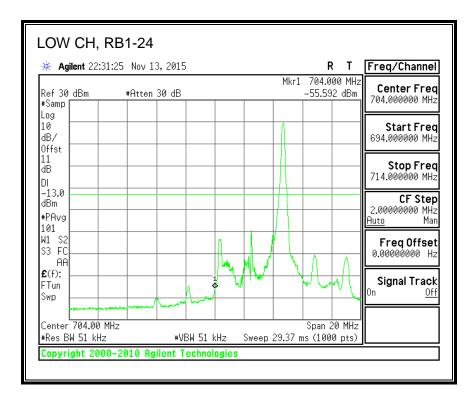
Page 435 of 1111

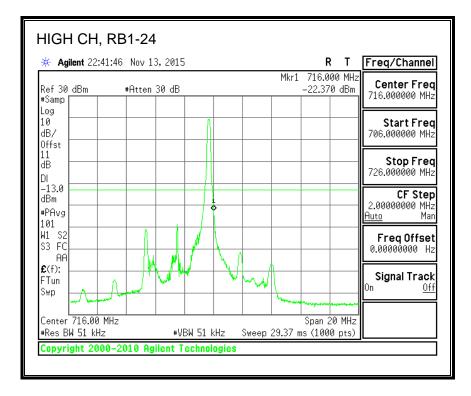
## 16QAM, (5.0 MHz BAND WIDTH)



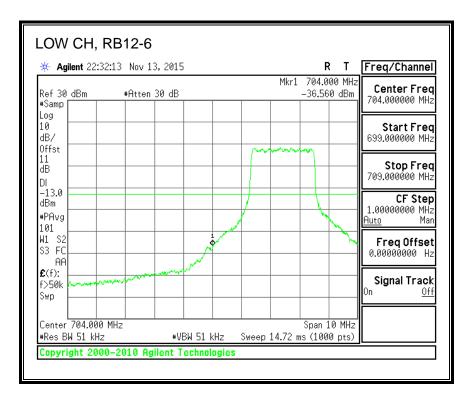


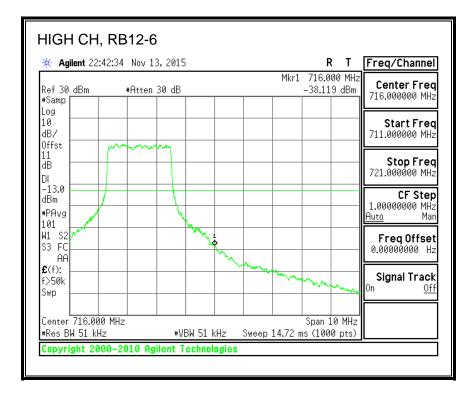
Page 436 of 1111





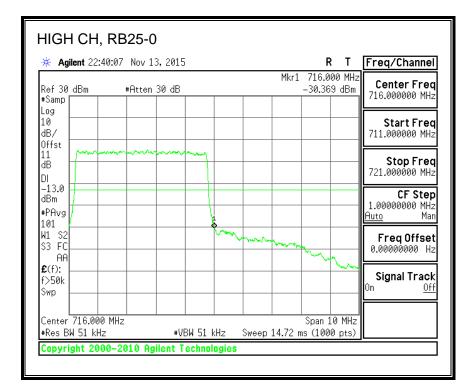
Page 437 of 1111





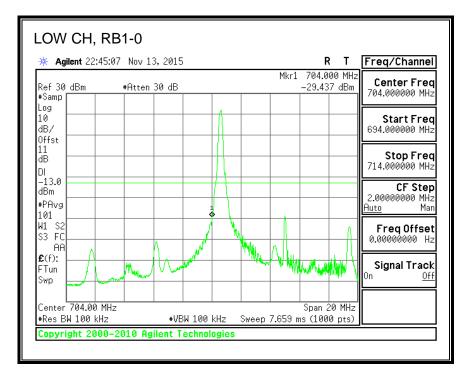
Page 438 of 1111

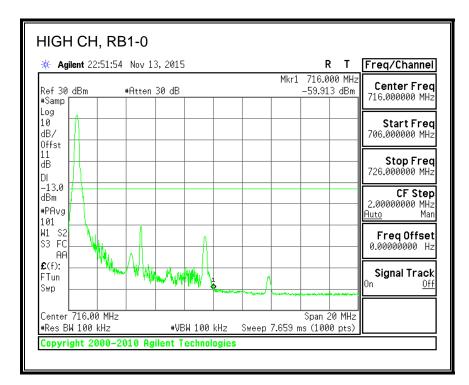
🔆 Agi	lent 22:29	:57 Nov :	13,2015	i				R	-	Freq/Channel
Ref 30 #Samp	dBm	#Atter	30 dB				Mkr1	704.00 -29.768		Center Freq 704.000000 MHz
Log 10 dB/ Offst										Start Freq 699.000000 MHz
11 dB DI							***************	street of the		<b>Stop Freq</b> 709.000000 MHz
-13.0 dBm #PAvg 101				1					$\neg$	<b>CF Step</b> 1.00000000 MHz <u>Auto</u> Man
W1 S2 S3 FC AA	man		m	Janensed						FreqOffset 0.00000000 Hz
<b>£</b> (f): f>50k Swp										Signal Track <sup>On <u>Off</u></sup>
	704.000 M W 51 kHz	1Hz	#\/	 BW 51 k	H7	Sween	14 72 m	Span 1 s (1000		



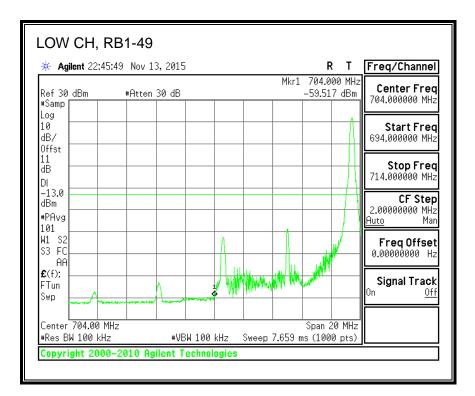
Page 439 of 1111

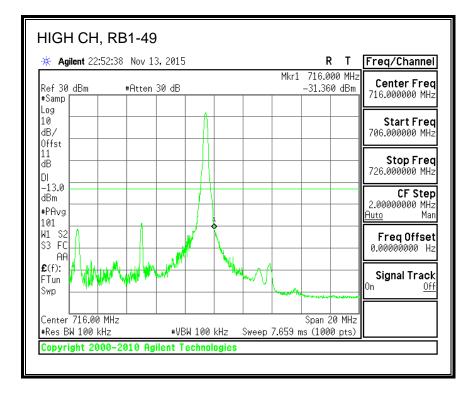
## QPSK, (10.0 MHz BAND WIDTH)



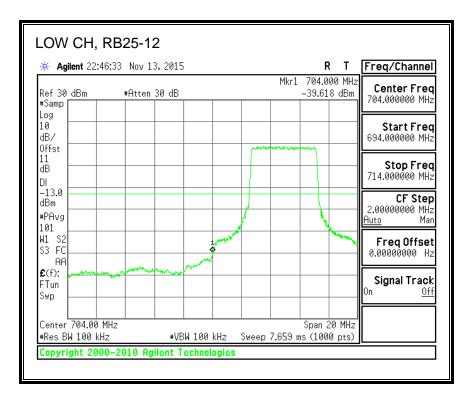


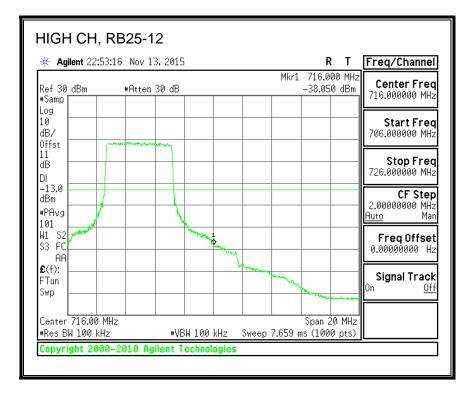
Page 440 of 1111



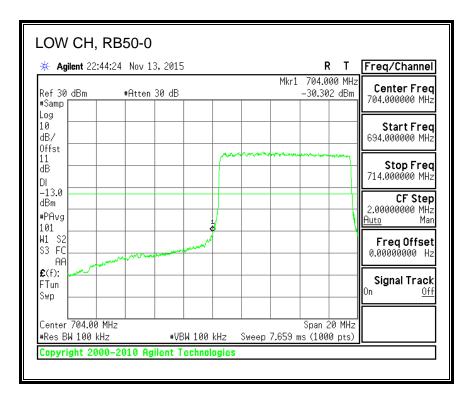


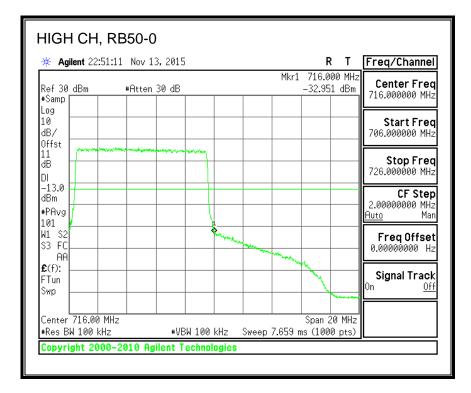
Page 441 of 1111





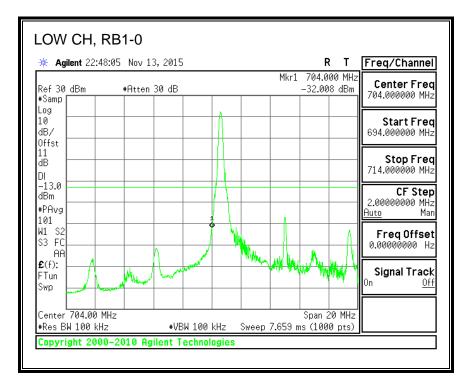
Page 442 of 1111

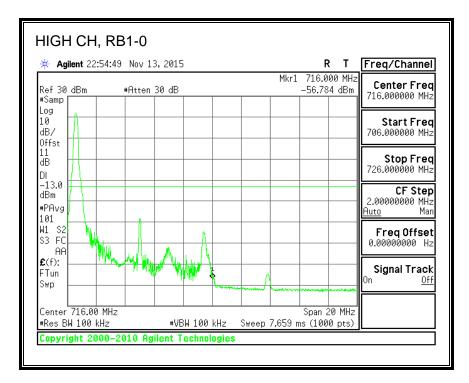




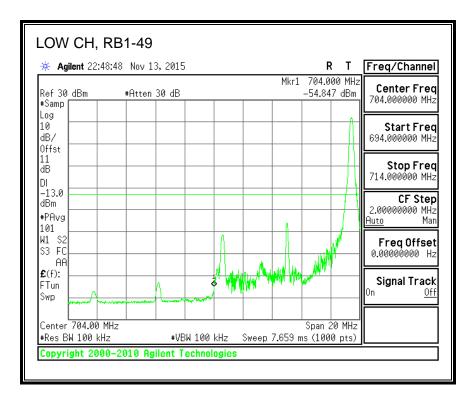
Page 443 of 1111

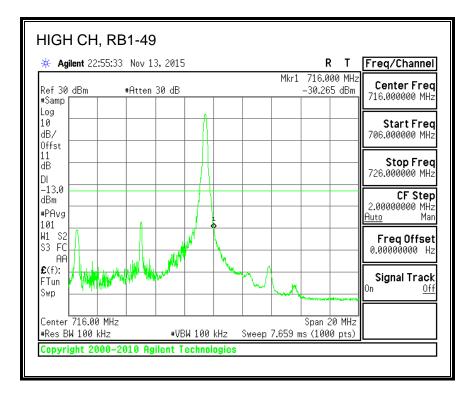
## 16QAM, (10.0 MHz BAND WIDTH)



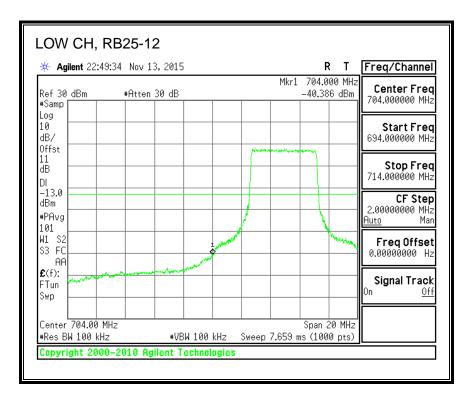


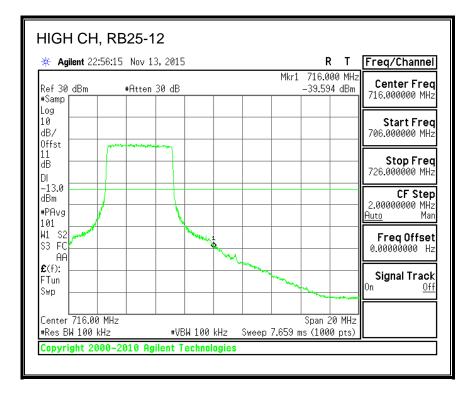
Page 444 of 1111





Page 445 of 1111





Page 446 of 1111