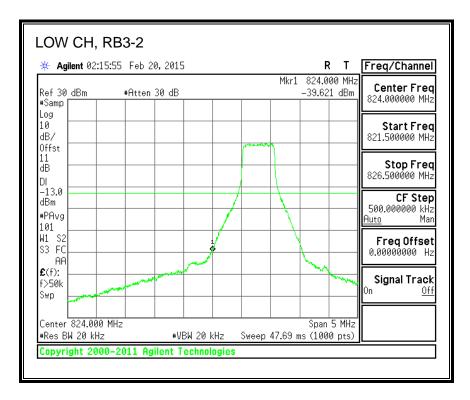
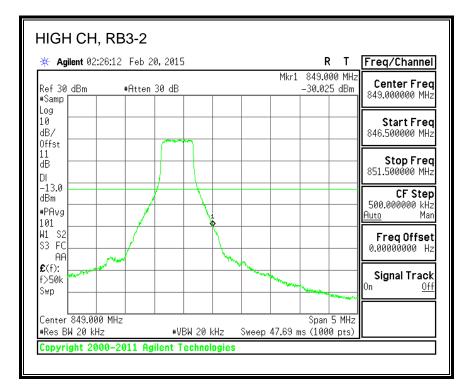
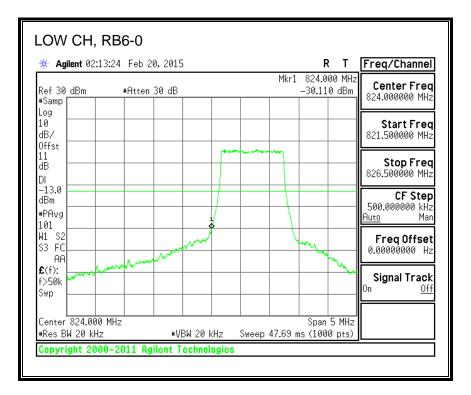


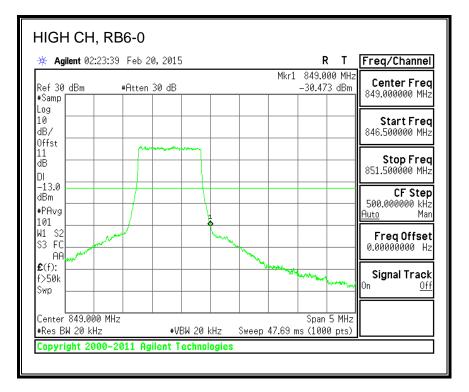
Page 201 of 747





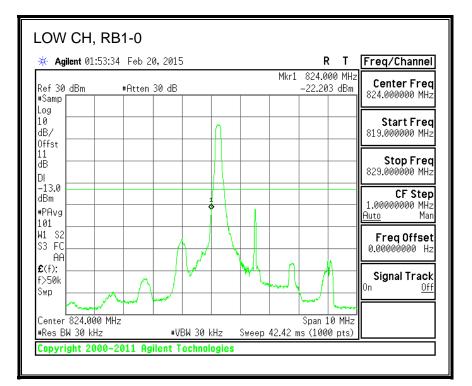
Page 202 of 747

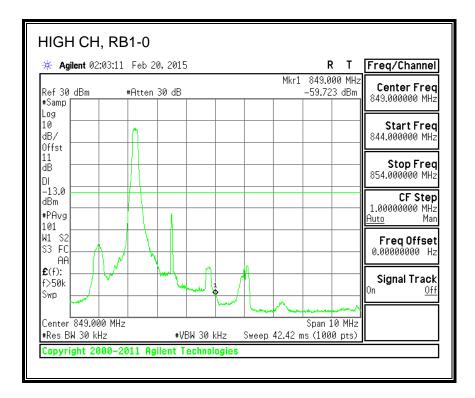




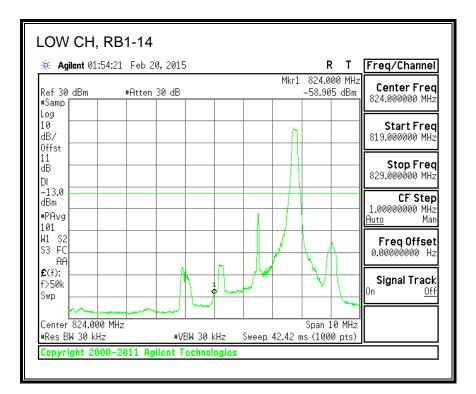
Page 203 of 747

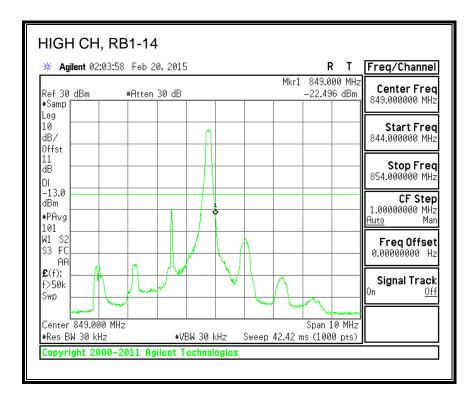
## QPSK, (3.0 MHz BAND WIDTH)



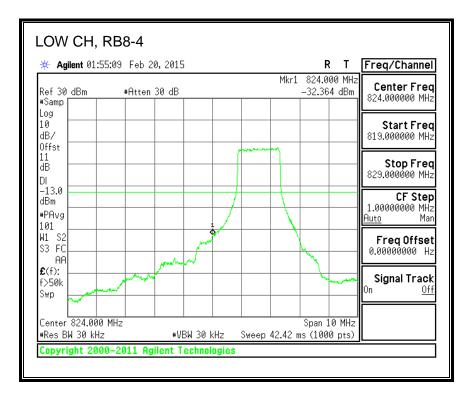


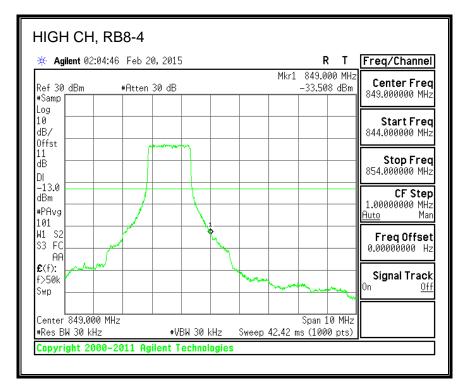
Page 204 of 747





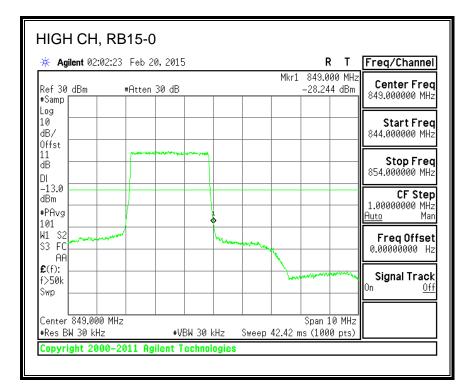
Page 205 of 747





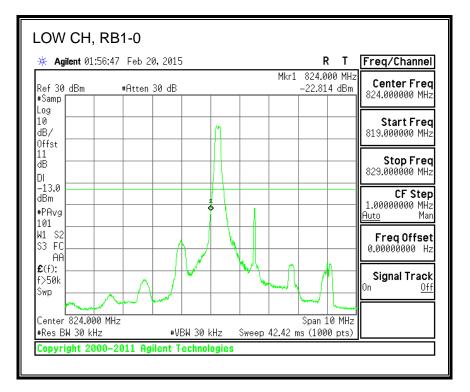
Page 206 of 747

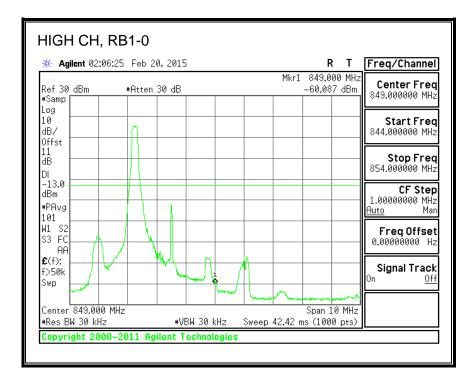
🔆 Agilent 01:52	:47 Feb 20, 2015			RT	Freq/Channel
Ref 30 dBm #Samp	#Atten 30 dB		Mkr1	. 824.000 MH -27.520 dBm	
Log 10 dB/					Start Freq 819.000000 MHz
Offst 11 dB DI					Stop Freq 829.000000 MHz
-13.0 dBm #PAvg					<b>CF Step</b> 1.00000000 MHz Auto Man
101 W1 S2 S3 FC				hannan	Freq Offset
AA £(f): f>50k Swp	some d				Signal Track
Center 824.000   #Res BW 30 kHz		W 30 kHz S		Span 10 MHz ms (1000 pts)	



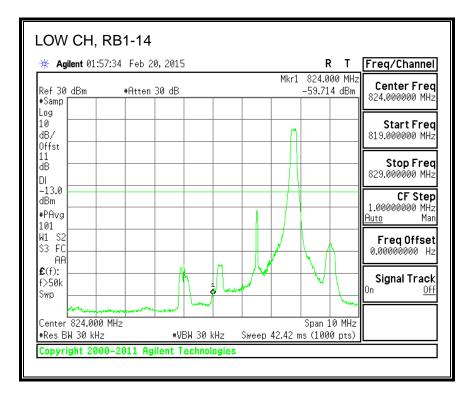
Page 207 of 747

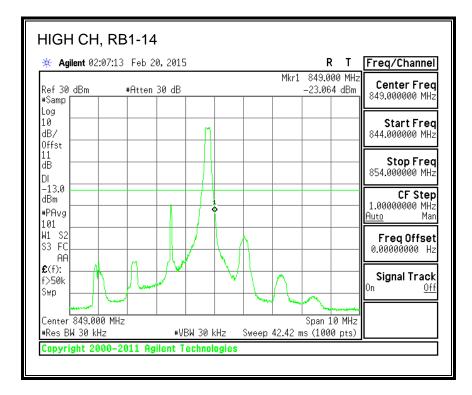
## 16QAM, (3.0 MHz BAND WIDTH)



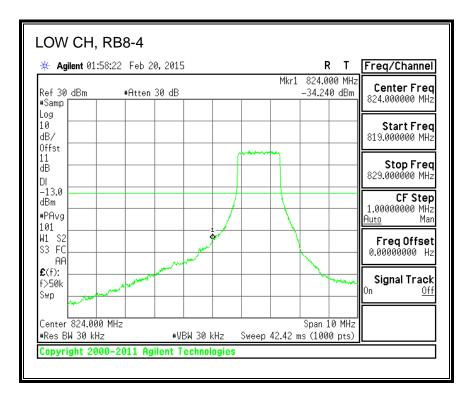


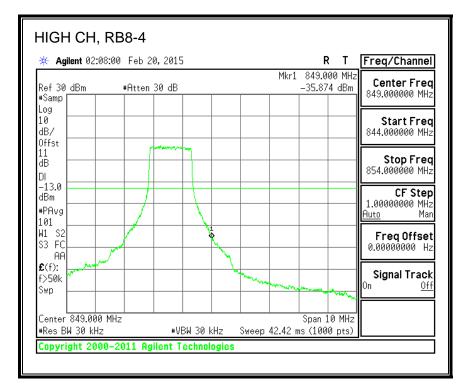
Page 208 of 747





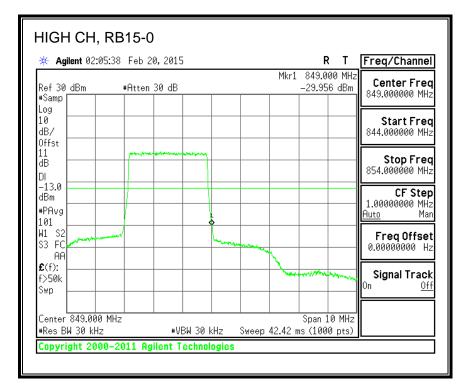
Page 209 of 747





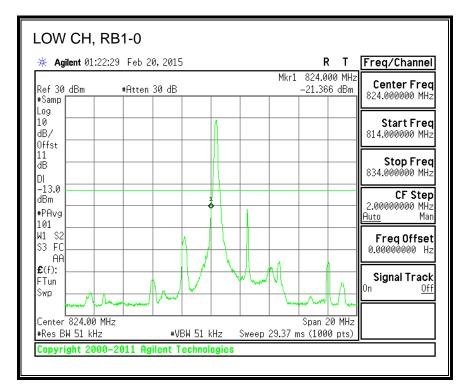
Page 210 of 747

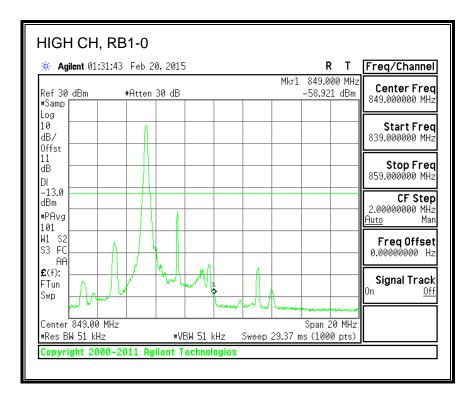
🔆 Agilen	<b>t</b> 01:56:00	Feb 20	0,2015					R		Freq/Channel
Ref 30 dB #Samp	m	#Atten	30 dB				Mkr1	824.0 -27.38		Center Fred 824.000000 MHz
Log 10 dB/ Offst										Start Frec 819.000000 MHz
dB							•••••			Stop Fred 829.000000 MHz
-13.0   dBm #PAvg				÷						<b>CF Step</b> 1.00000000 MHz <u>Auto</u> Mar
101 W1 S2 S3 FC AA			- Andrew	-					-	Freq Offset 0.00000000 Hz
£(f): f>50k Swp	ware and the second									<b>Signal Track</b> On <u>Of</u> i
Center 82 #Res BW 3	4.000 MHz 0 kHz		#VE	3W 30 k	Hz	Sweep	42.42 r	Span 1 ns (100		



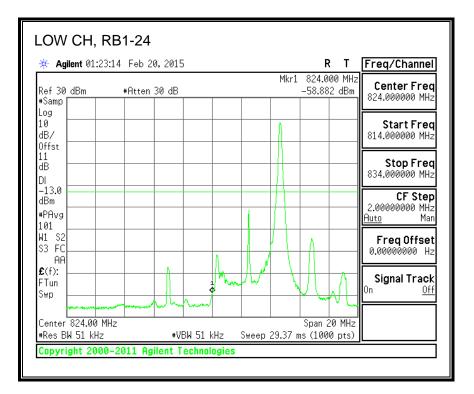
Page 211 of 747

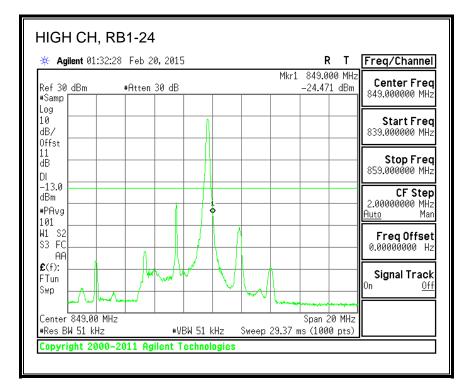
## QPSK, (5.0 MHz BAND WIDTH)



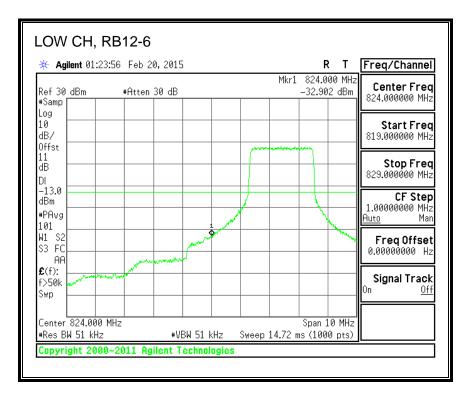


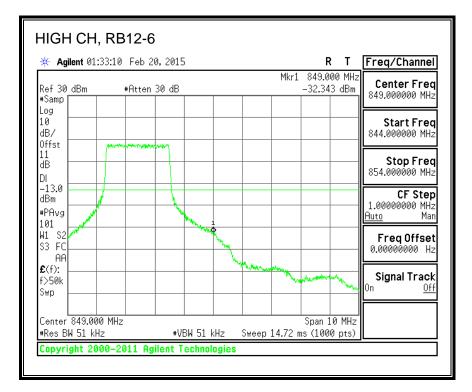
Page 212 of 747





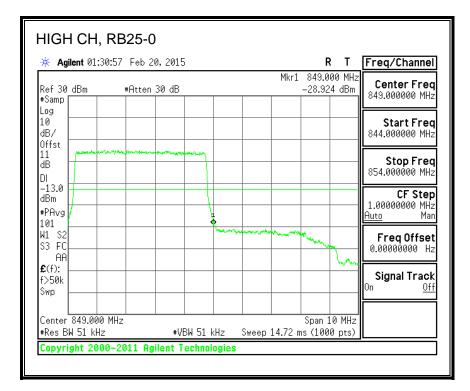
Page 213 of 747





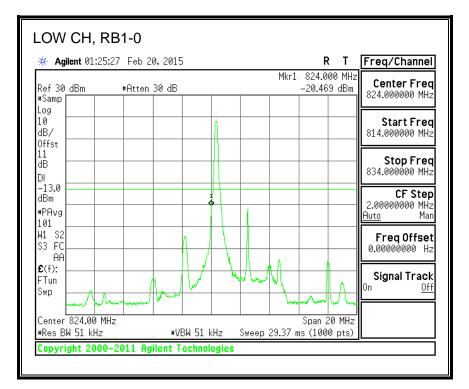
Page 214 of 747

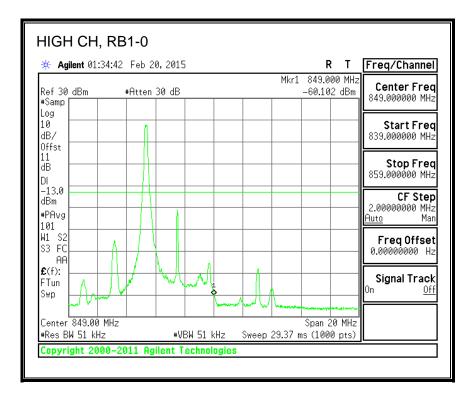
🔆 Agilent 01:22	1:44 Feb 20,201	5		RT	Freq/Channel
Ref 30 dBm #Samp	#Atten 30 dB			824.000 MHz -27.626 dBm	Center Freq 824.000000 MHz
Log 10 dB/ Offst					Start Freq 819.000000 MHz
11 dB DI					<b>Stop Freq</b> 829.000000 MHz
-13.0 dBm #PAvg 101		14 ¢			<b>CF Step</b> 1.00000000 MHz <u>Auto</u> Man
W1 S2 S3 FC AA	war an and an and				FreqOffset 0.00000000 Hz
£(f): f>50k Swp					Signal Track <sup>On <u>Off</u></sup>
Center 824.000 #Res BW 51 kHz		/BW 51 kHz :	Sweep 14.72 ms	Span 10 MHz s (1000 pts)	



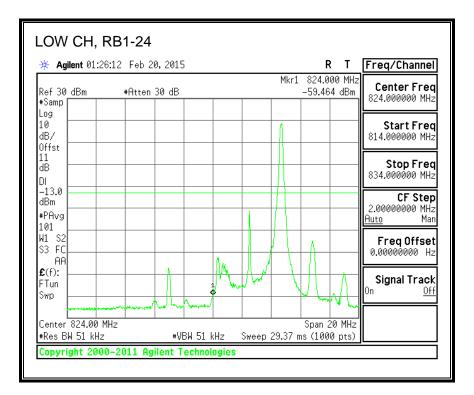
Page 215 of 747

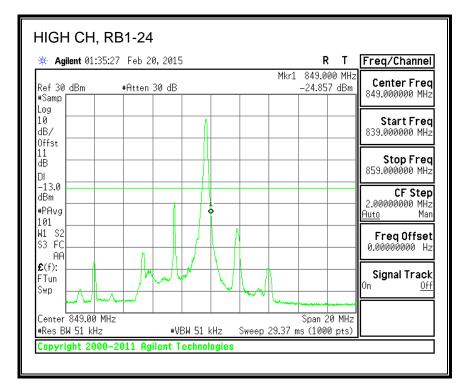
## 16QAM, (5.0 MHz BAND WIDTH)



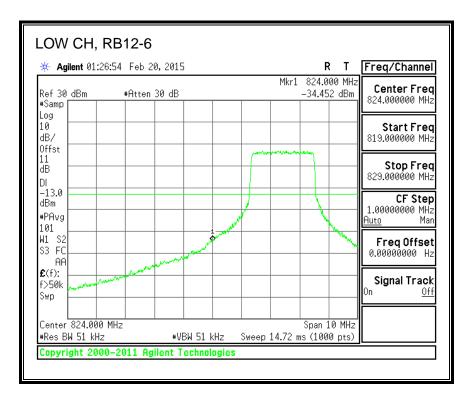


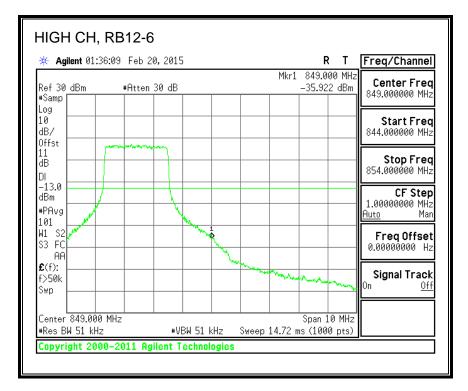
Page 216 of 747



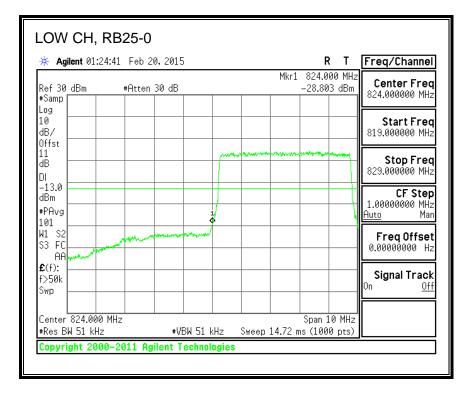


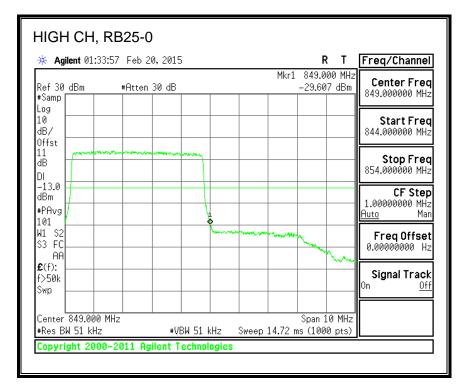
Page 217 of 747





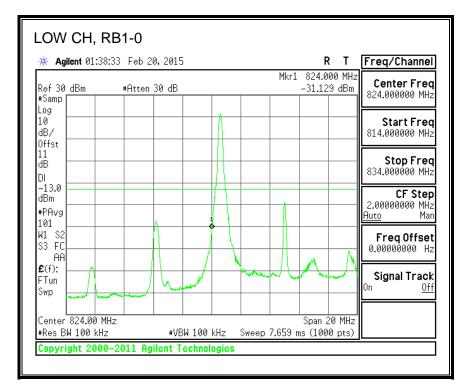
Page 218 of 747

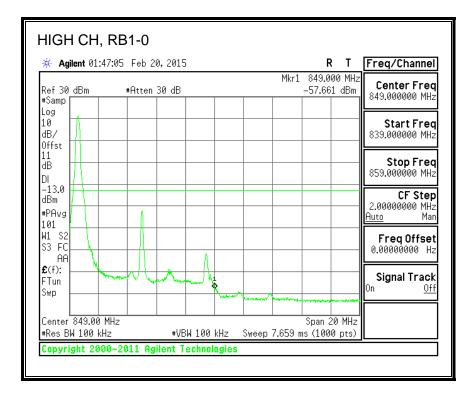




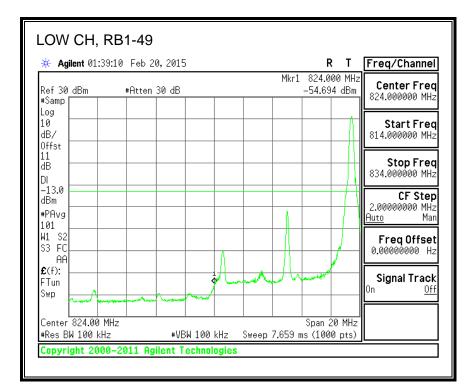
Page 219 of 747

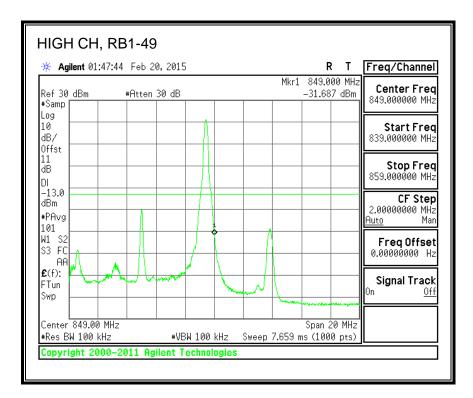
## QPSK, (10.0 MHz BAND WIDTH)



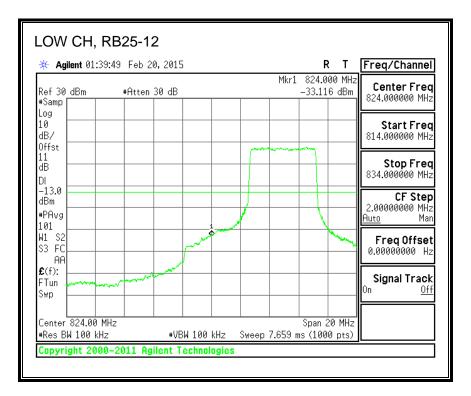


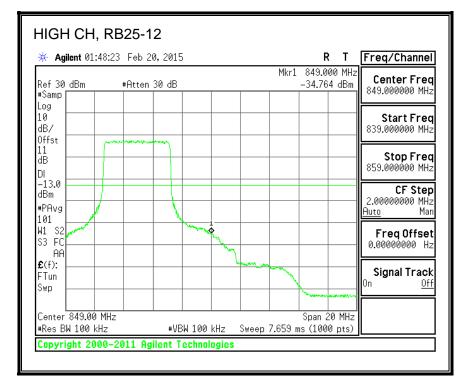
Page 220 of 747



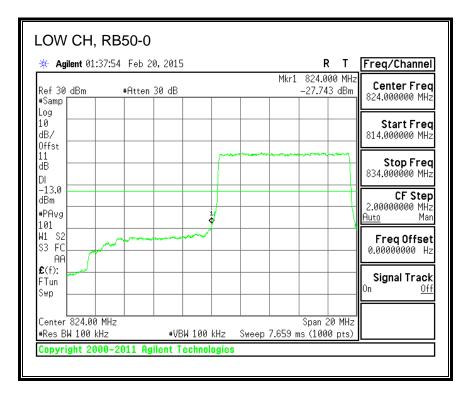


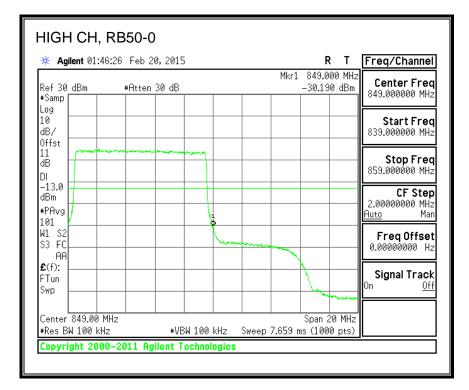
Page 221 of 747





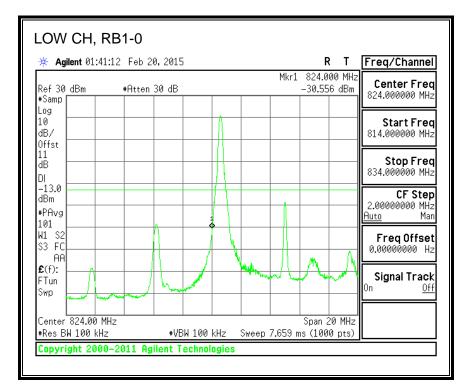
Page 222 of 747

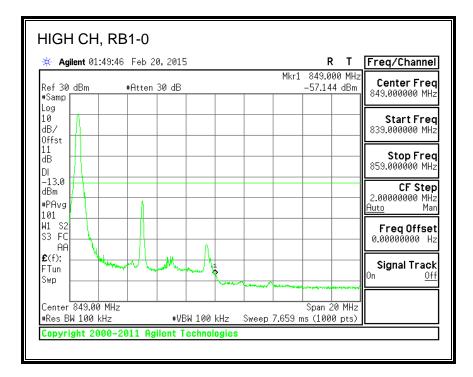




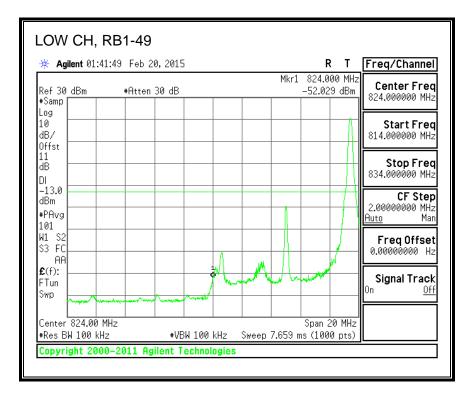
Page 223 of 747

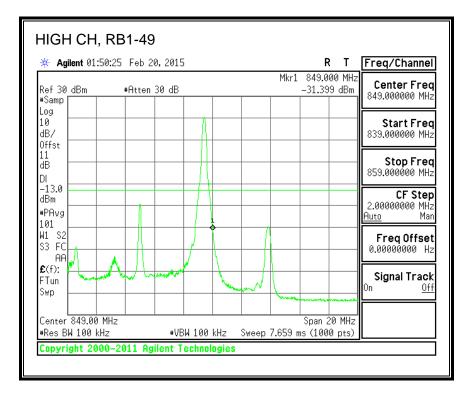
## 16QAM, (10.0 MHz BAND WIDTH)



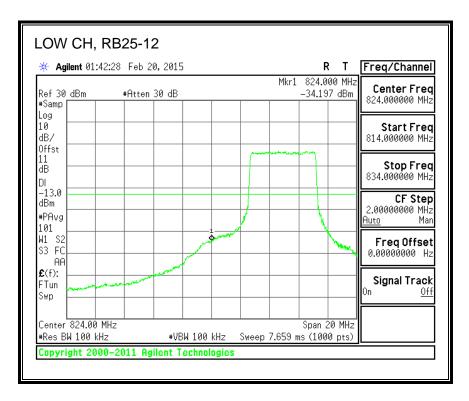


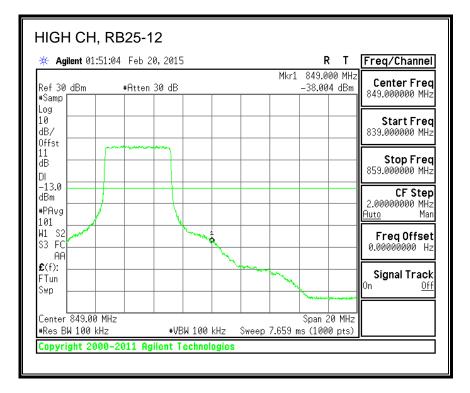
Page 224 of 747



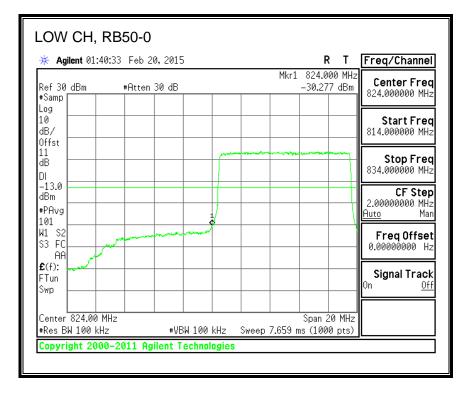


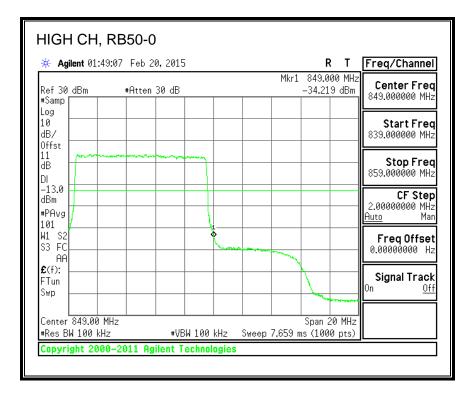
Page 225 of 747





Page 226 of 747

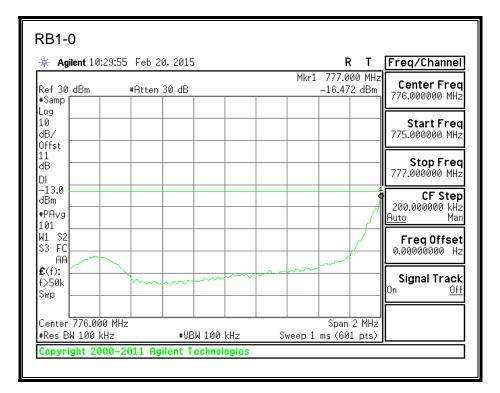


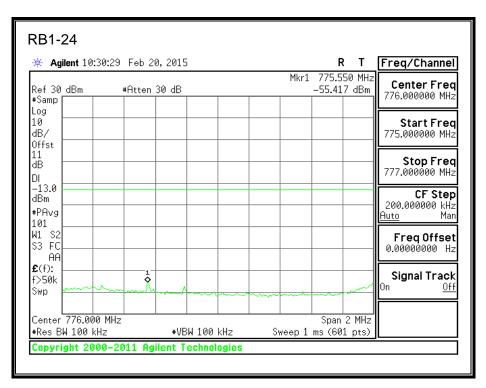


Page 227 of 747

# 8.2.4. LTE BAND 13 BANDEDGE

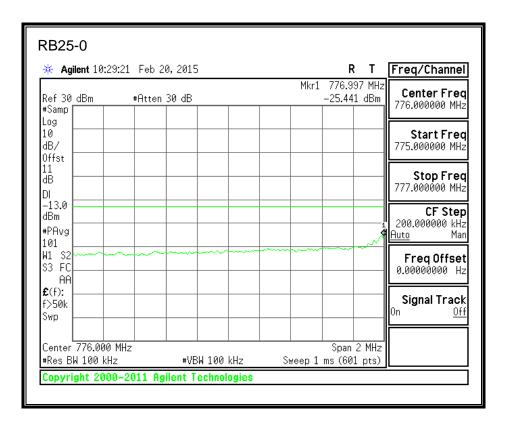
#### QPSK, 779.5 MHz, 775 - 777MHz, (5.0MHz Bandwidth)





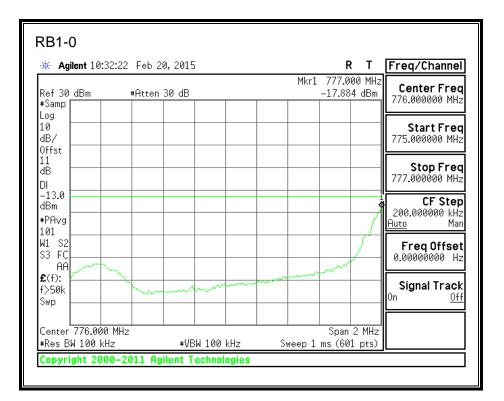
Page 228 of 747

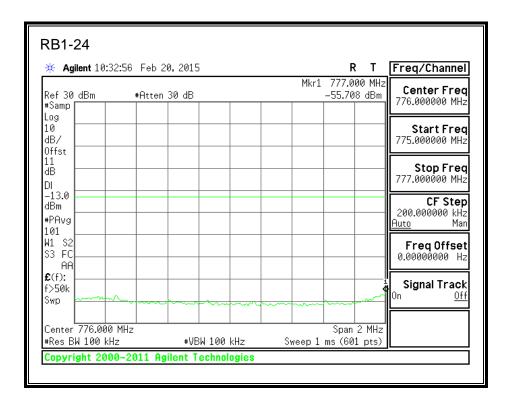
🔆 Agilent 10:31:08 Fe	eb 20, 2015			R T	Freq/Channel
Ref30 dBm #At #Samp	ten 30 dB		Mkrl	776.970 MHz -31.610 dBm	Center Fred 776.000000 MHz
Log 10 dB/ 0ffst					Start Fred 775.000000 MHz
11 dB DI					Stop Fred 777.000000 MHz
-13.0 dBm #PAvg 101				1	<b>CF Step</b> 200.000000 kHz <u>Auto</u> Mar
M1 S2 S3 FC				~~~~	Freq Offset 0.00000000 Hz
£(f): f>50k Swp					Signal Track <sup>On <u>Of</u></sup>
Center 776.000 MHz #Res BW 100 kHz	#VBW 10	 0 VH-7	Sween 1	Span 2 MHz ms (601 pts)	



Page 229 of 747

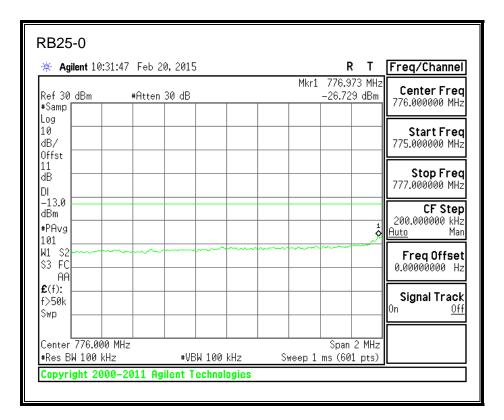
### 16QAM, 779.5MHz, 775 - 777MHz, (5MHz Bandwidth)





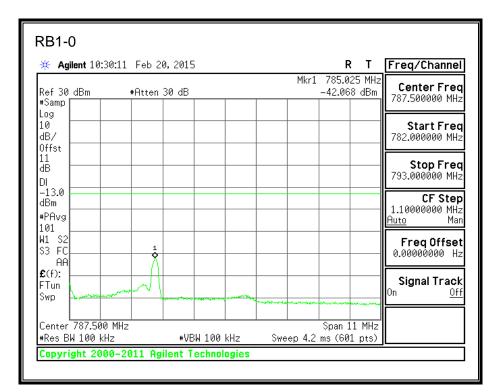
Page 230 of 747

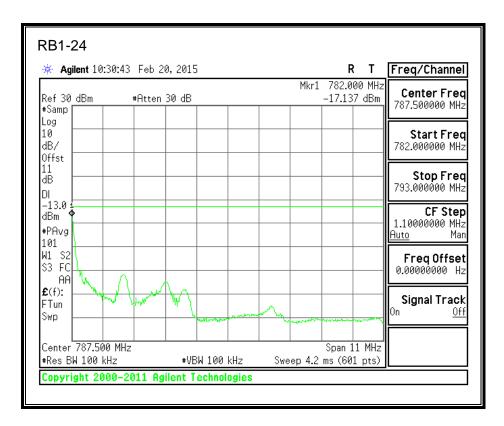
🔆 Agilent 10:33:29	Feb 20, 2015			R	Т	Freq/Channel
Ref30dBm # #Samp	Atten 30 dB			777.00 -31.473		Center Fred 776.000000 MHz
Log 10 dB/ 0ffst						Start Frec 775.000000 MHz
11 dB DI						<b>Stop Frec</b> 777.000000 MHz
-13.0 dBm #PAvg						<b>CF Step</b> 200.000000 kHz <u>Auto</u> Mar
101 W1 S2 S3 FC					~~~ <sup>\$</sup>	Freq Offset 0.00000000 Hz
£(f): f>50k Swp						<b>Signal Track</b> On <u>Off</u>
Center 776.000 MHz #Res BW 100 kHz	#VBW 10	10 kHz	Sweep 1	Span 2 ms (601		



Page 231 of 747

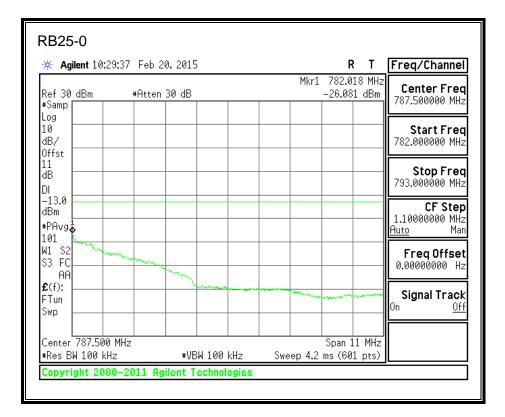
### QPSK, 779.5MHz, 13, 782 - 793MHz, (5MHz Bandwidth)





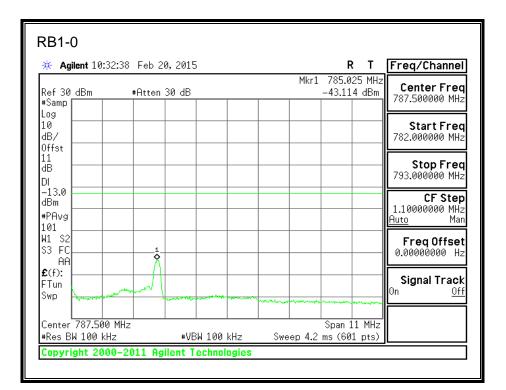
Page 232 of 747

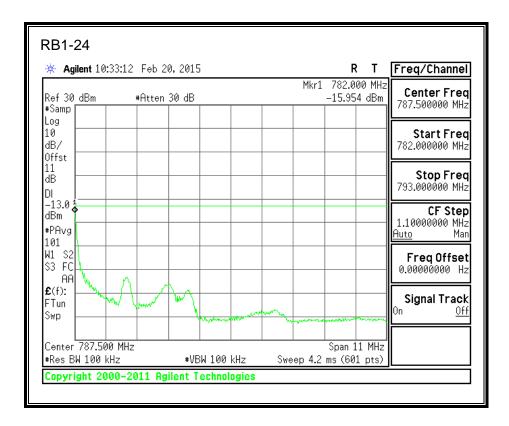
🔆 Agilent 10:3	1:25 Feb 20, 20;	15		RT	
Ref 30 dBm	#Atten 30 dE	3	Mkr1	782.000 M -33.893 dB	
#Samp Log					
10 dB/					Start Fred 782.000000 MHz
Offst 11 dB DI					Stop Fred 793.000000 MHz
-13.0 dBm #PAvg					CF Step 1.10000000 MHz Auto Mar
101 1 W1 S2 S3 FC AA					Freq Offset
£(f): FTun Swp		m menure and		March and promote	Signal Track
Center 787.500 #Res BW 100 kH				Span 11 MH ms (601 pts	



Page 233 of 747

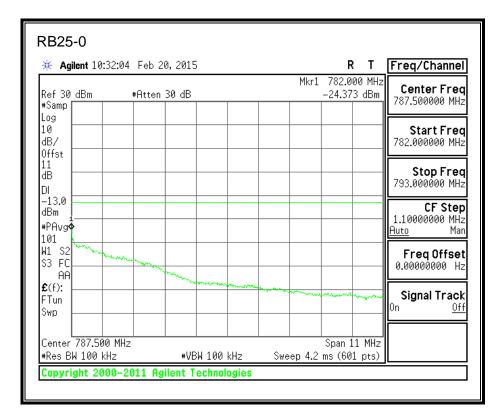
## 16QAM, 779.5MHz, 783 - 793MHz, (5MHz Bandwidth)





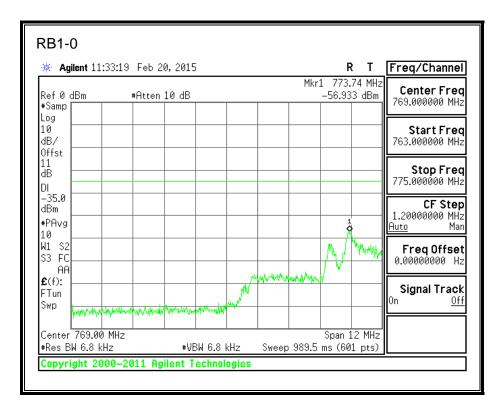
Page 234 of 747

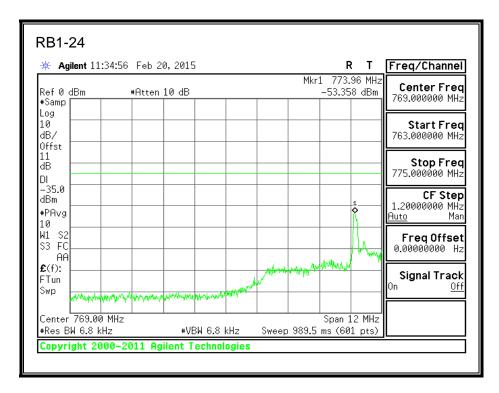
<b>Agilent</b> 10:33:42	Feb 20, 2015			RT	Freq/Channel
Ref 30 dBm #Samp	#Atten 30 dB		Mkr1	782.000 MH: -34.260 dBm	II. Conton Enon
Log 10 dB/					Start Freq 782.000000 MHz
dB DI					<b>Stop Freq</b> 793.000000 MHz
-13.0 dBm #PAvg 101					<b>CF Step</b> 1.10000000 MHz <u>Auto</u> Man
И1 S2 S3 FC					Freq Offset 0.00000000 Hz
£(f): FTun Swp	- Werten	Marin and a second			Signal Track
Center 787.500 MHz #Res BW 100 kHz	#VB	↓ 100 kHz	Sweep 4.2	Span 11 MHz ms (601 pts)	



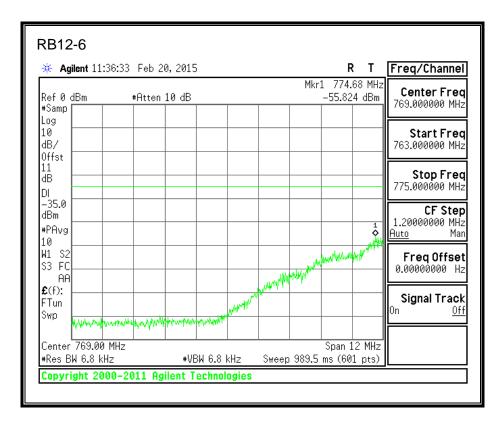
Page 235 of 747

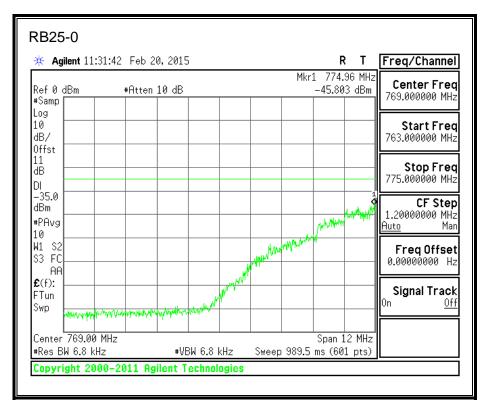
## QPSK, 779.5MHz, 763 - 775MHz, (5MHz Bandwidth)





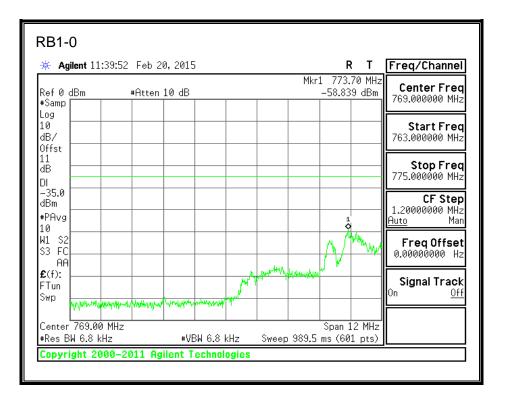
Page 236 of 747

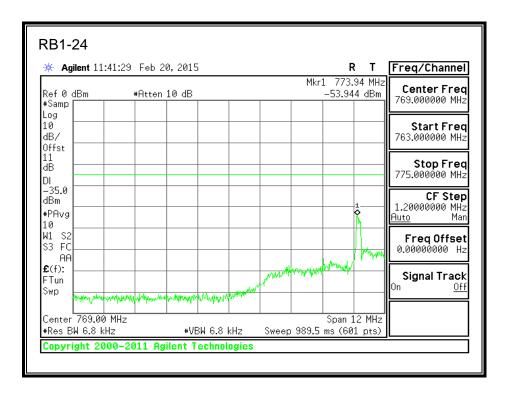




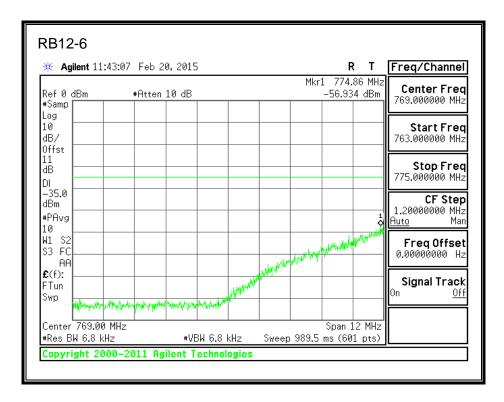
Page 237 of 747

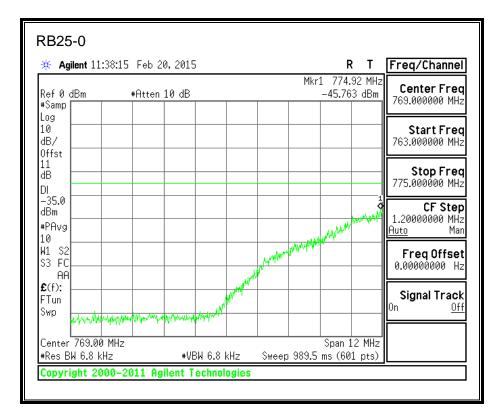
# 16QAM, 779.5MHz, 763-775MHz, (5MHz Bandwidth)





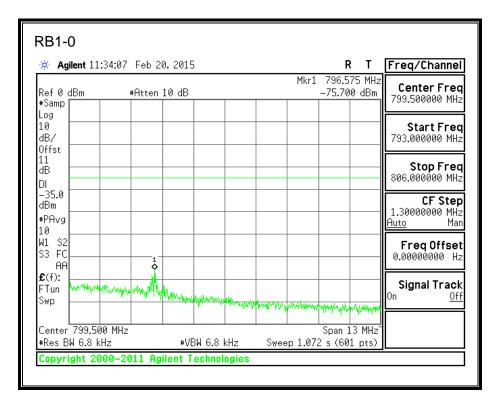
Page 238 of 747

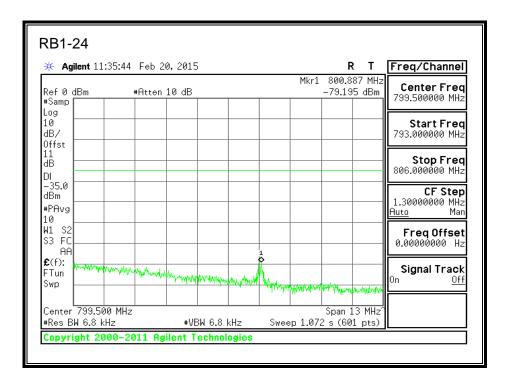




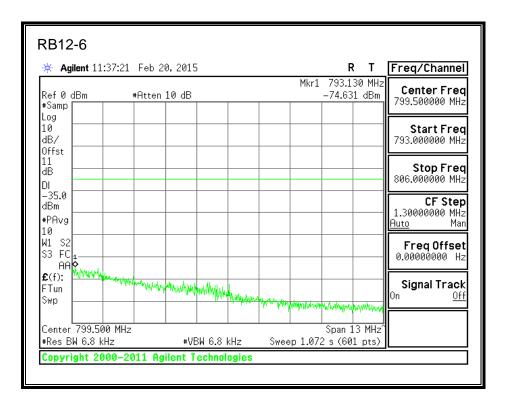
Page 239 of 747

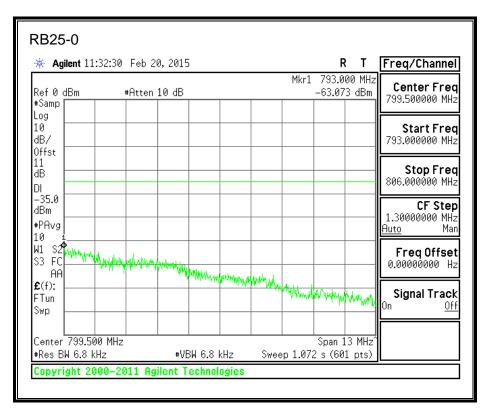
# QPSK, 779.5MHz, 793 - 806MHz, (5MHz Bandwidth)





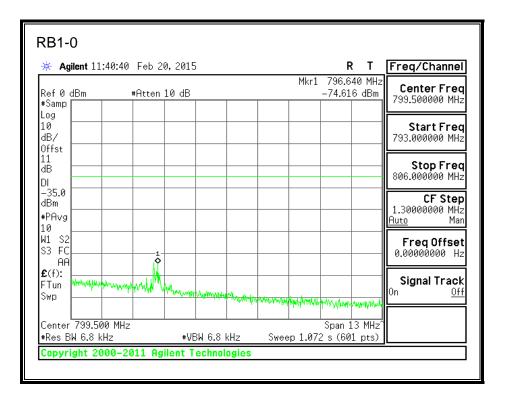
Page 240 of 747

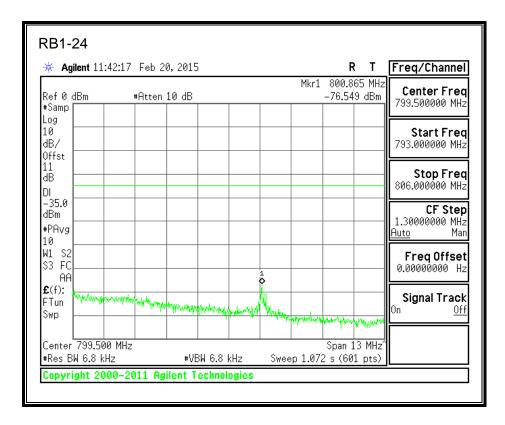




Page 241 of 747

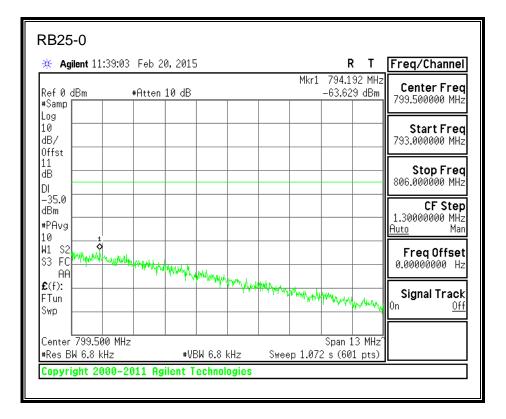
#### 16QAM, 779.5MHz, 793 - 806MHz, (5MHz Bandwidth)





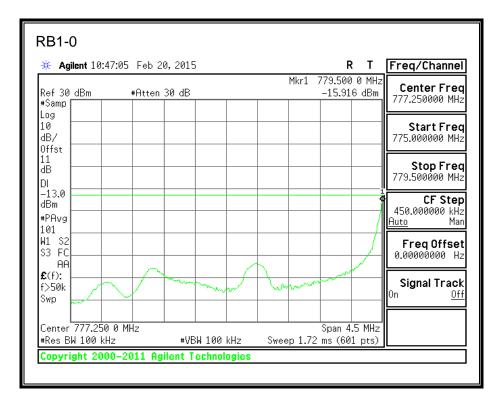
Page 242 of 747

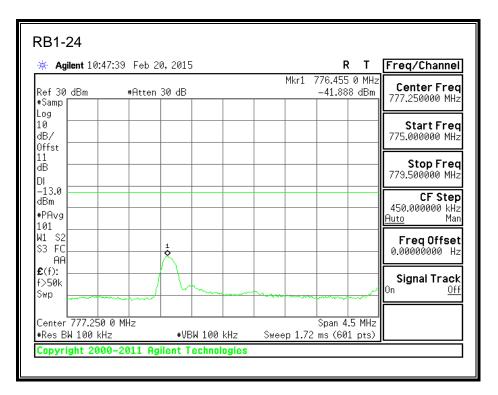
🔆 Agilent 11:	43:54 Feb 20, 201	5		RT	i i eq, ename
Ref0 dBm #Samp □ □ □	#Atten 10 dB		Mkr1	793.498 M -75.711 dB	
Log 10 dB/ 0ffst					Start Freq 793.000000 MHz
11 dB DI -35.0					Stop Freq 806.000000 MHz
-35.0 dBm #PAvg 10					CF Step 1.30000000 MHz <u>Auto</u> Mar
W1 S2 S3 FC AA ∳					Freq Offset 0.00000000 Hz
<b>£</b> (f): <u>Ի</u> կեպոդ FTun Տաթ	er and a second and a second and a second and	MWWWWWWWWW	Mark Margaren providence	m. Martanapat	Signal Track
Center 799.50 #Res BW 6.8 kl	0 MHz	 BW 6.8 kHz		Span 13 M⊦	lzî



Page 243 of 747

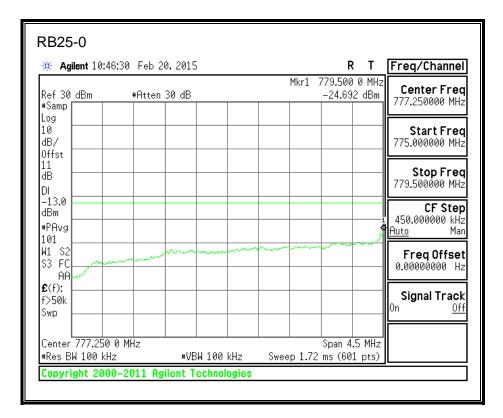
# QPSK, 782MHz, 775 - 779.5MHz, (5MHz Bandwidth)





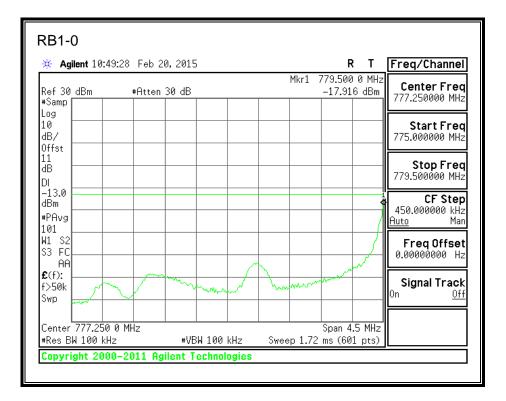
Page 244 of 747

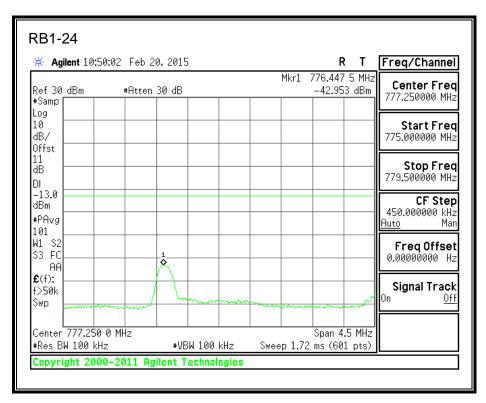
🔆 Agilent 10:48:14 F	eb 20,2015			R 1	
#Samp	itten 30 dB		Mkr1	779.335 0 № _31.719 dE	
Log 10 dB/ Offst					Start Fred 775.000000 MHz
11 dB DI					
-13.0 dBm #PAvg 101					CF Step 450.000000 kHz <u>Auto</u> Mar
W1 S2 S3 FC AA					Freq Offset 0.00000000 Hz
£(f): f>50k Swp					On <u>Of</u>
Center 777.250 0 MHz #Res BW 100 kHz		 100 kHz	Sweep 1.72	Span 4.5 M ms (601 pt	



Page 245 of 747

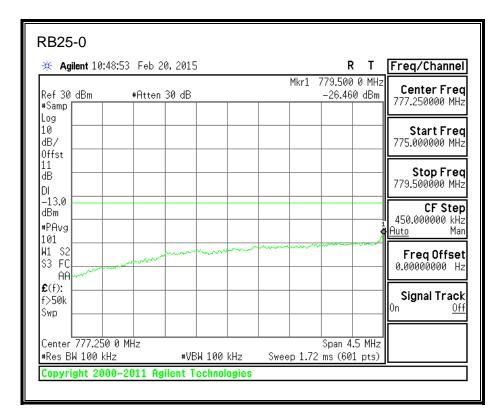
# 16QAM, 782MHz, 775 - 777MHz, (5MHz Bandwidth)





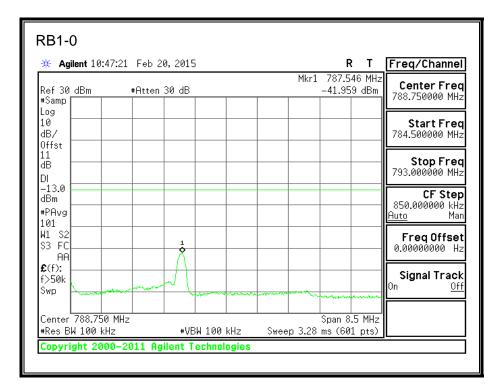
Page 246 of 747

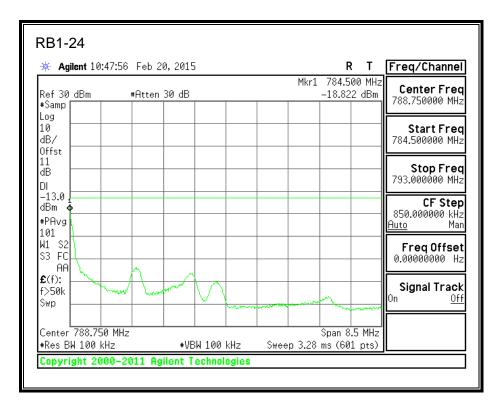
🔆 Agilent 10:50	:36 Feb 20, 201	5		RT	Freq/Channel
Ref 30 dBm #Samp	#Atten 30 dB		Mkr1	779.425 0 MHz -31.640 dBm	Center Fred 777.250000 MHz
Log 10 dB/ 0ffst					<b>Start Frec</b> 775.000000 MHz
11 dB DI					<b>Stop Fred</b> 779.500000 MHz
-13.0 dBm #PAvg 101				1	<b>CF Step</b> 450.000000 kHz <u>Auto</u> Mar
W1 S2 S3 FC AA			and the second second	and the second s	Freq Offset 0.00000000 Hz
£(f): f>50k Swp					Signal Track <sup>On <u>Of</u></sup>
Center 777.250 0 #Res BW 100 kHz		 3W 100 kHz	Sweep 1.72	Span 4.5 MHz ms (601 pts)	



Page 247 of 747

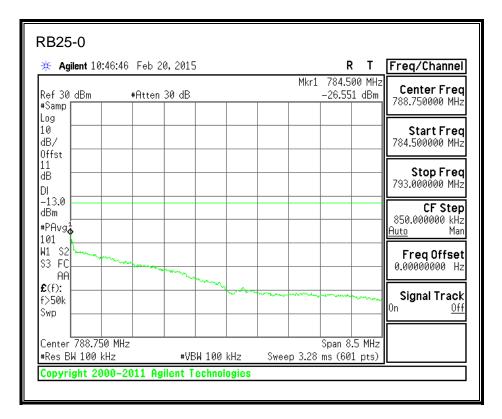
### QPSK, 782MHz, 784.5 - 793MHz, (5MHz Bandwidth)





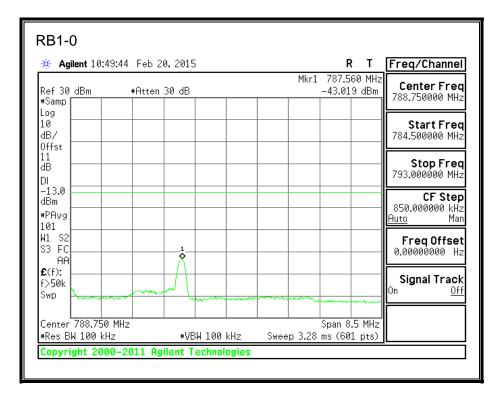
Page 248 of 747

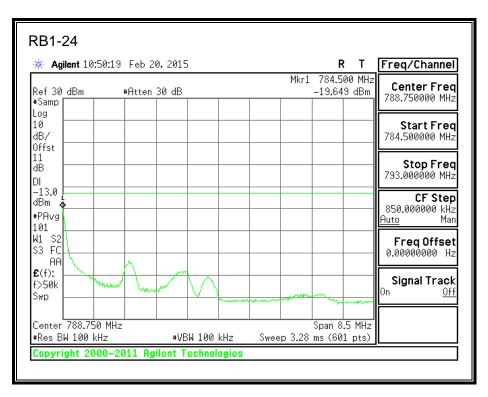
🔆 Agilent 10:48:30 Fe	D 20, 2015			R T	Freq/Channe
Ref 30 dBm #At #Samp	ten 30 dB			784.500 MHz -34.414 dBm	Center Fred 788.750000 MHz
Log					
10 dB/ 0ffst					Start Fred 784.500000 MHz
11 dB DI					Stop Fred 793.000000 MHz
-13.0 dBm #PAvg					CF Step 850.000000 kHz
101					<u>Auto</u> Mar
W1 S2 S3 FC ӨӨ					Freq Offset 0.00000000 Hz
£(f):	man and and a second		mannen		Signal Track
Swp					
Center 788.750 MHz #Res BW 100 kHz		0 kHz Sw		) Span 8.5 MHz ns (601 pts)	



Page 249 of 747

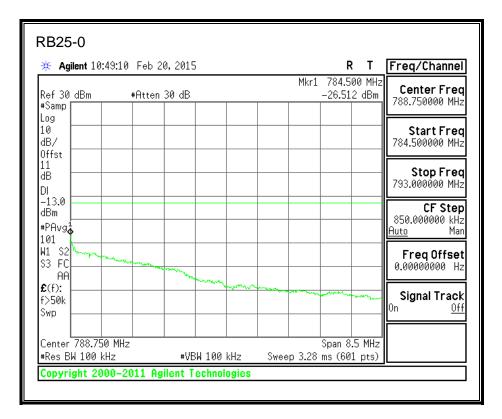
### 16QAM, 782MHz, 784.5 - 793MHz, (5MHz Bandwidth)





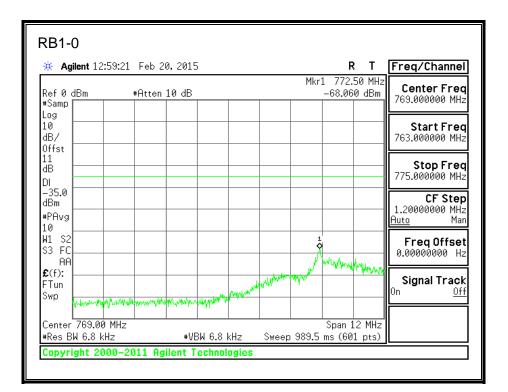
Page 250 of 747

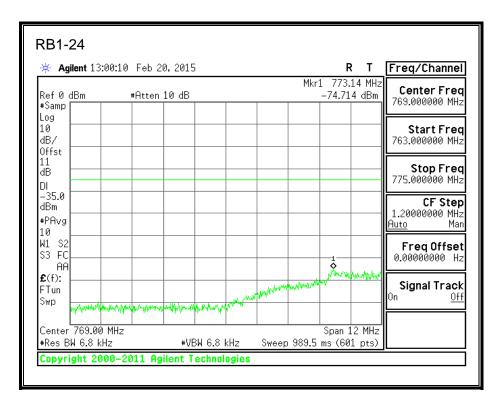
🔆 Agilent 10:50:52 Fe	ep 20, 2015			R T	Freq/Channel
Ref30 dBm #At #Samp	ten 30 dB		Mkrl	784.500 MHz -34.559 dBm	Center Fred 788.750000 MHz
Log 10 dB/ 0ffst					Start Fred 784.500000 MHz
DI					Stop Fred 793.000000 MHz
-13.0 dBm #PAvg 101					<b>CF Step</b> 850.000000 kHz <u>Auto</u> Mar
W1 S2 S3 FC AA					Freq Offset 0.00000000 Hz
£(f): f>50k Swp	the second and the second s	and and a second		en man	Signal Track <sup>On <u>Of</u>i</sup>
Center 788.750 MHz #Res BW 100 kHz	#VBW 10	0 kHz	Sween 3.28	Span 8.5 MHz ms (601 pts)	



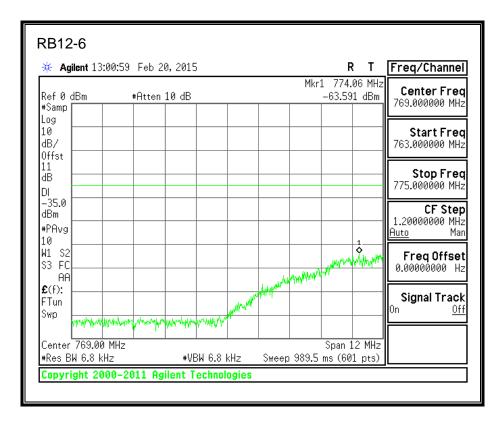
Page 251 of 747

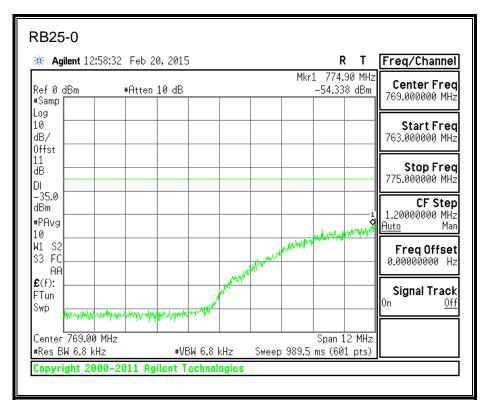
# QPSK, 782MHz, 763 - 775MHz, (5MHz Bandwidth)





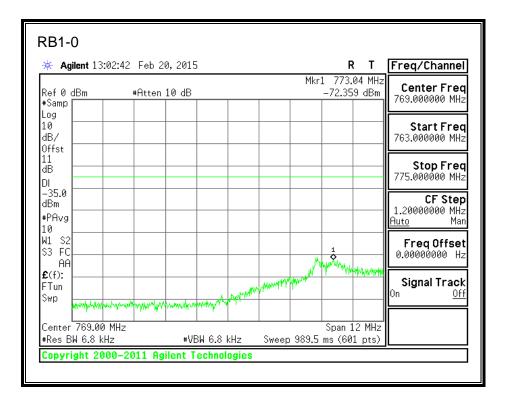
Page 252 of 747

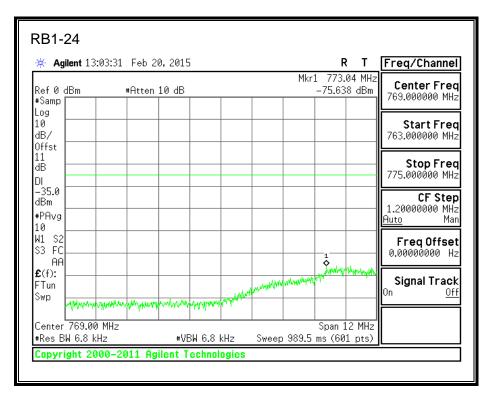




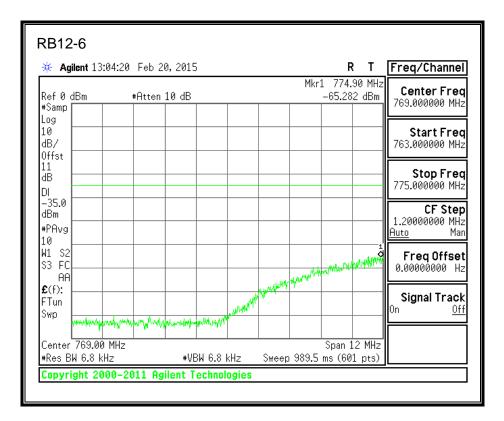
Page 253 of 747

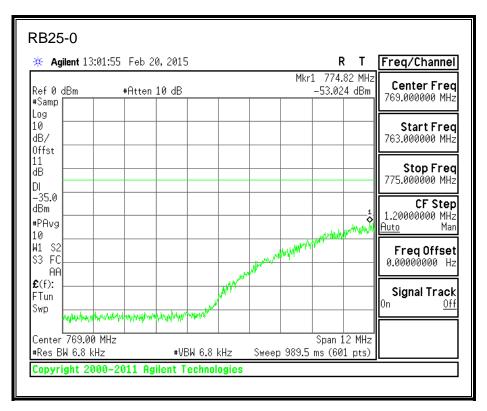
# 16QAM, 782MHz, 763 - 775MHz, (5MHz Bandwidth)





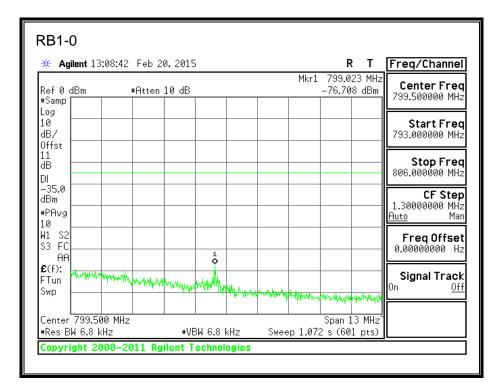
Page 254 of 747

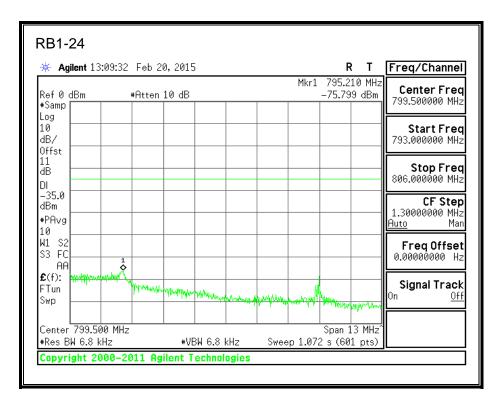




Page 255 of 747

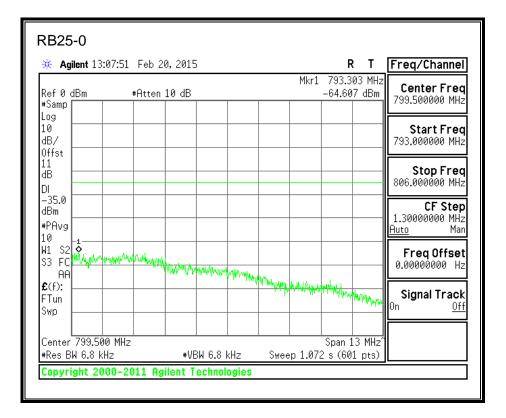
# QPSK, 782MHz, 793 - 806MHz, (5MHz Bandwidth)





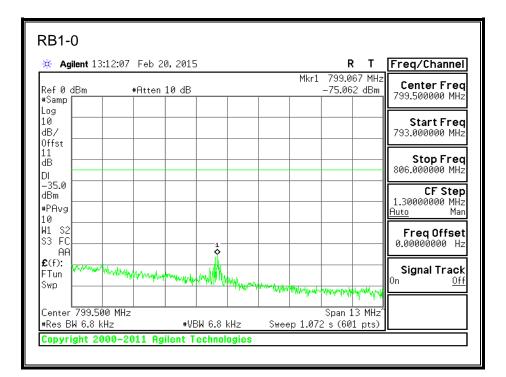
Page 256 of 747

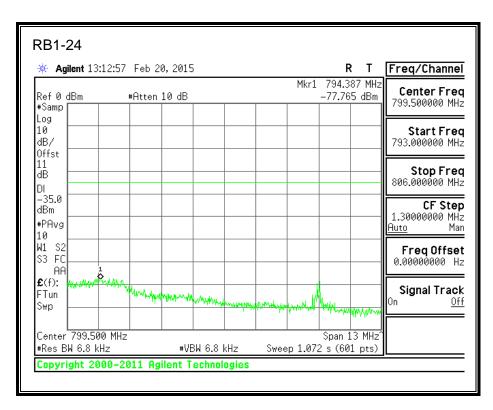
🔆 Agilent 1	3:10:22 Fe	b 20,2015				R	Т	Freq/Channel
Ref Ø dBm #Samp	#At	ten 10 dB				793.17 -71.643		Center Freq 799.500000 MHz
Log 10 dB/ Offst								Start Freq 793.000000 MHz
11 dB DI								<b>Stop Freq</b> 806.000000 MHz
-35.0 dBm #PAvg 10								<b>CF Step</b> 1.30000000 MHz <u>Auto</u> Man
W1 S2 S3 FC <del>}</del> AA WMAA	Maria di							FreqOffset 0.00000000 Hz
W1 S2 S3 FC AA £(f): FTun Swp		MPWHARA ANTONIA	HANNIN MARKY V	WALTHAN	atter for the state of the stat	Vermonda	VAMAN	<b>Signal Track</b> <sup>On <u>Off</u></sup>
Center 799.5 #Res BW 6.8	00 MHz		W 6.8 kHz			Span 13 s (601	3 MHz^	



Page 257 of 747

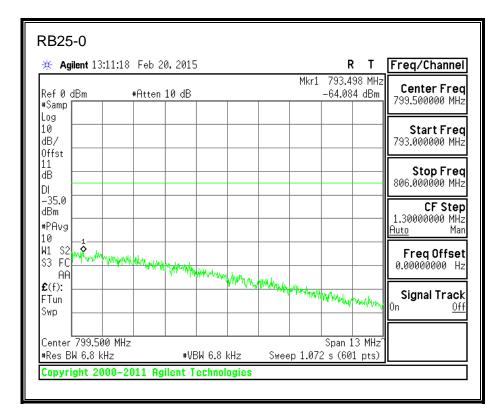
# 16QAM, 782MHz, 793 - 806MHz, (5MHz Bandwidth)





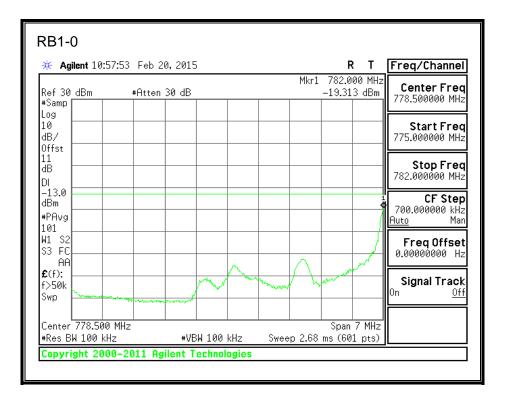
Page 258 of 747

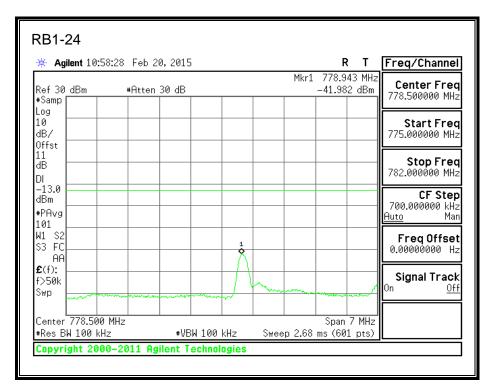
🔆 Agilent 13:13:48	eb 20, 2015			<u>r</u> t	Freq/Channe
Ref0dBm #F #Samp	itten 10 dB			L08 MHz 02 dBm	Center Fred 799.500000 MH:
Log 10 dB/ 0ffst					<b>Start Fre</b> 793.000000 MH;
11 dB DI					Stop Fred 806.000000 MH;
-35.0 dBm #PAvg 10					<b>CF Ster</b> 1.30000000 MH; <u>Auto</u> Ma
W1 S2					Freq Offse 0.00000000 H;
S3 FL6 AA MANA MANA MANA MANA £(f): FTun Swp	on the second	Warrant Manufacture	la gho who have the second	ar no had data	<b>Signal Tracl</b> <sup>On <u>Of</u></sup>
Center 799.500 MHz #Res BW 6.8 kHz			Span p 1.072 s (60	13 MHz^	



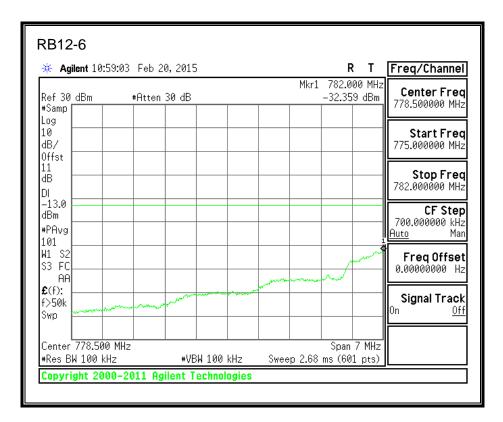
Page 259 of 747

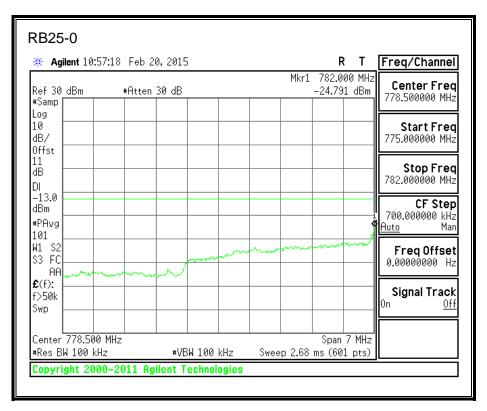
# QPSK, 784.5MHz, 775 - 782MHz, (5MHz Bandwidth)





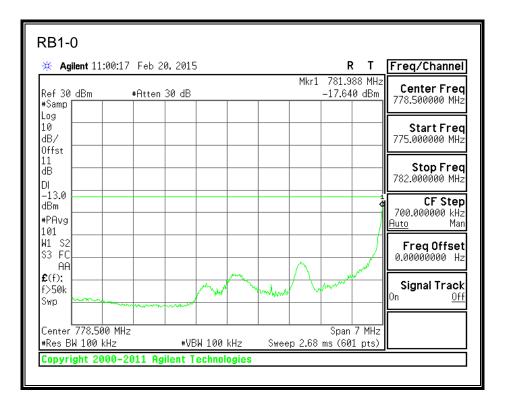
Page 260 of 747

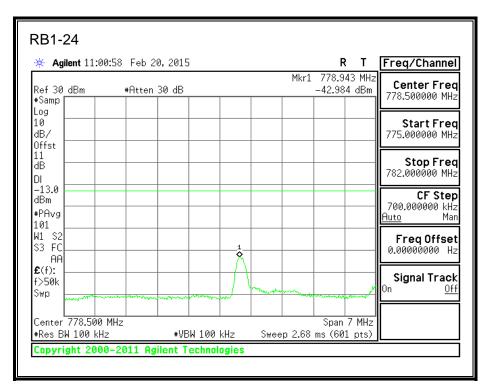




Page 261 of 747

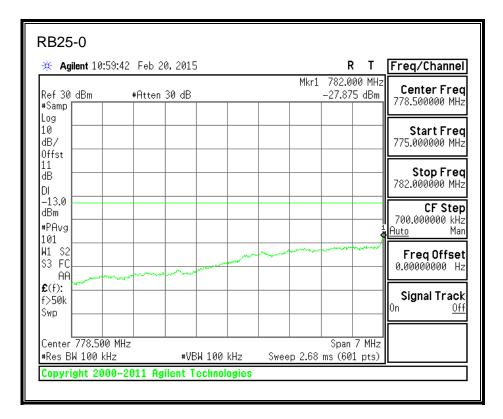
### 16QAM, 784.5MHz, 775 - 782MHz, (5MHz Bandwidth)





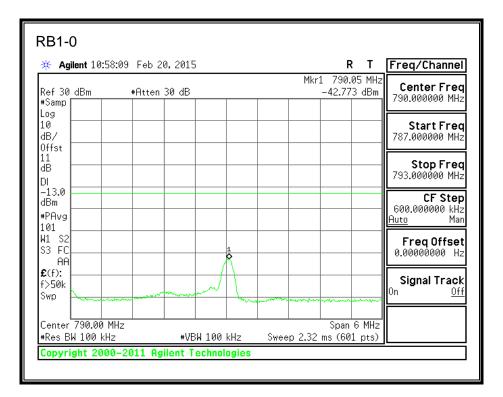
Page 262 of 747

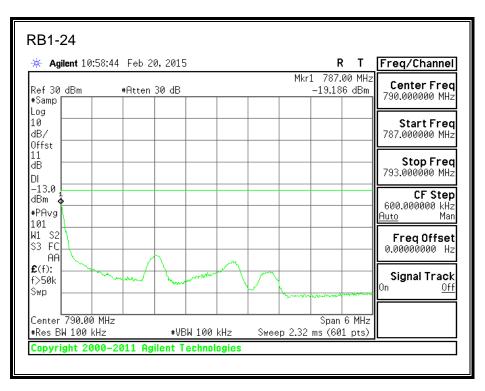
🔆 Agilent 11:01	:32 Feb 20, 2015	)				Freq/Channel
Ref 30 dBm #Samp	#Atten 30 dB		1	1kr1 781.9 -31.60	42 MHz 5 dBm	Center Fred 778.500000 MHz
Log 10 dB/ 0ffst						Start Frec 775.000000 MHz
11 dB DI -13.0						<b>Stop Frec</b> 782.000000 MHz
-15.0 dBm #PAvg 101					1	<b>CF Step</b> 700.000000 kHz <u>Auto</u> Mar
W1 S2 S3 FC				muna	Warner and	Freq Offset 0.00000000 Hz
£(f): f>50k Swp						<b>Signal Track</b> On <u>Of</u> i
Center 778.500 M #Res BW 100 kHz		 3W 100 kHz	Sween 2	Span 2.68 ms (60	7 MHz 1 nts)	



Page 263 of 747

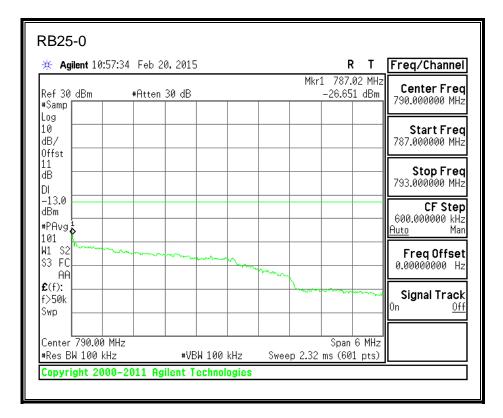
### QPSK, 784.5MHz, 787 - 793MHz, (5MHz Bandwidth)





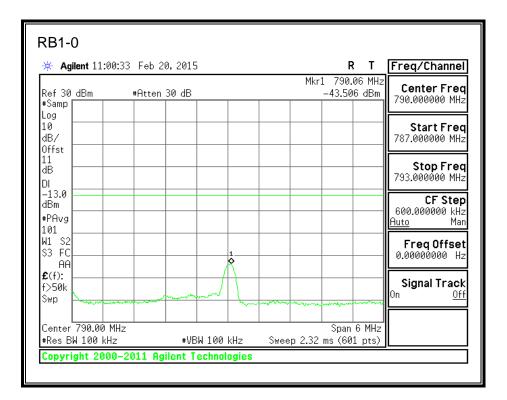
Page 264 of 747

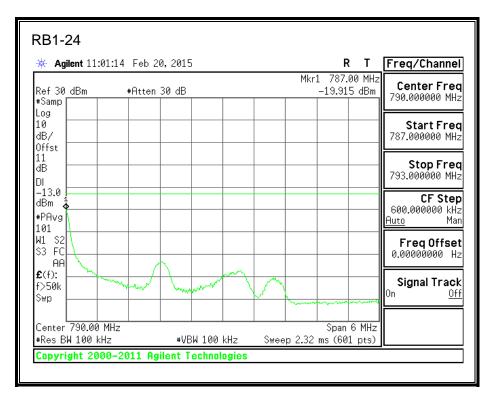
🔆 Agilent 10:59:19	Feb 20, 2015				RT	Freq/Channel
Ref 30 dBm #Samp	#Atten 30 dB				37.00 MHz 566 dBm	Center Fred 790.000000 MHz
Log 10						
dB/ Offst						Start Fred 787.000000 MHz
11 dB						Stop Fred
						793.000000 MHz
-13.0 dBm #PAvg						CF Step 600.000000 kHz
101 1						<u>Auto</u> Mar
W1 S2 S3 FC						Freq Offset 0.00000000 Hz
£(f):	mana mana any					
f>50k Swp		- markener		~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	<b>Signal Track</b> On <u>Of</u> i
Center 790.00 MHz #Res BW 100 kHz	#UR	W 100 kHz	Swaan	op ) 2.32 ms	an 6 MHz 601 pts)	



Page 265 of 747

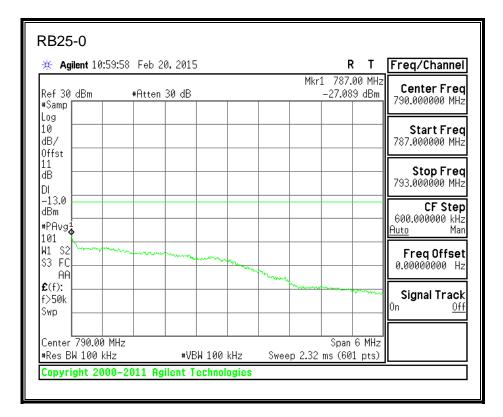
### 16QAM, 784.5MHz, 787 - 793MHz, (5MHz Bandwidth)





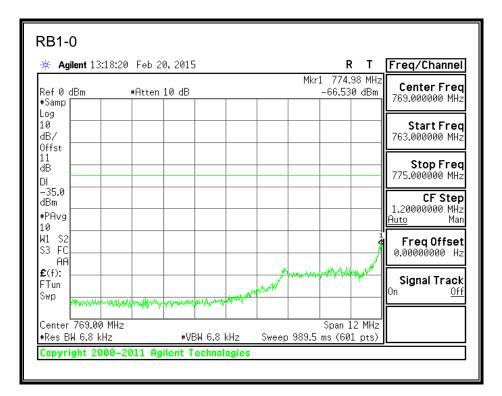
Page 266 of 747

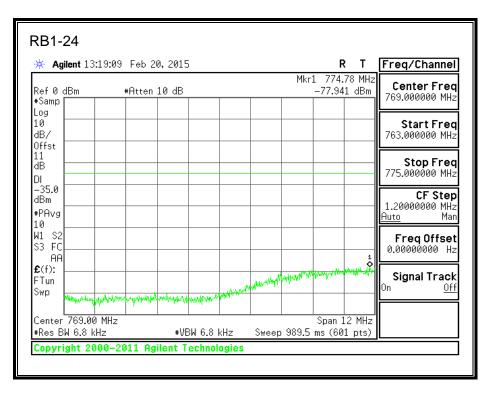
🔆 Agilent 11:01:48 Fel	b 20,2015		R	
Ref 30 dBm #Att #Samp	en 30 dB		Mkr1 787.0 -34.530	
Log 10 dB/ 0ffst				Start Fred 787.000000 MHz
11 dB DI -13.0				Stop Fred 793.000000 MHz
-13.0 dBm #PAvg 101				CF Step 600.000000 kHz <u>Auto</u> Mar
W1 S2 S3 FC				Freq Offset 0.00000000 Hz
£(f): f>50k Swp				Signal Track
Center 790.00 MHz #Res BW 100 kHz	#VBW 100	kHz Swei	 	



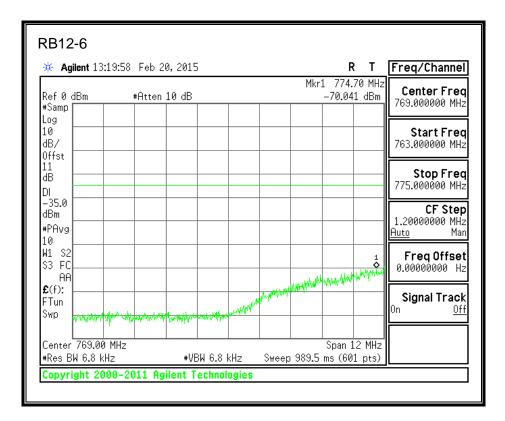
Page 267 of 747

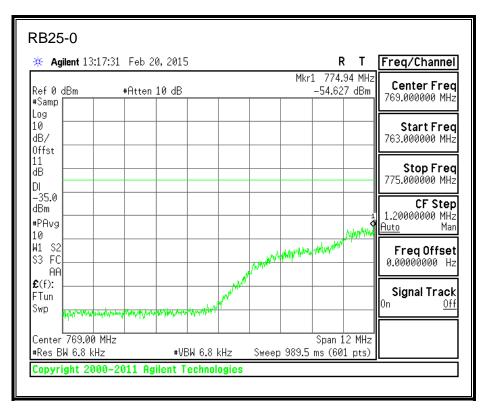
### QPSK, 784.5MHz, 763 - 775MHz, (5MHz Bandwidth)





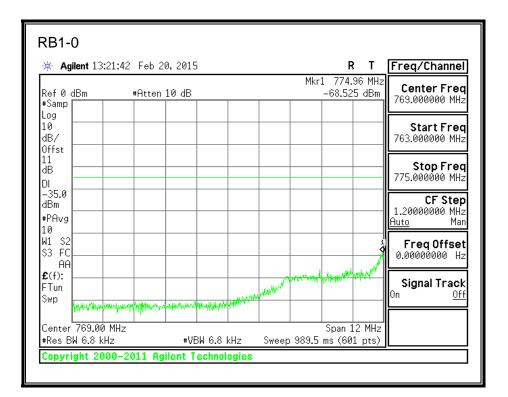
Page 268 of 747

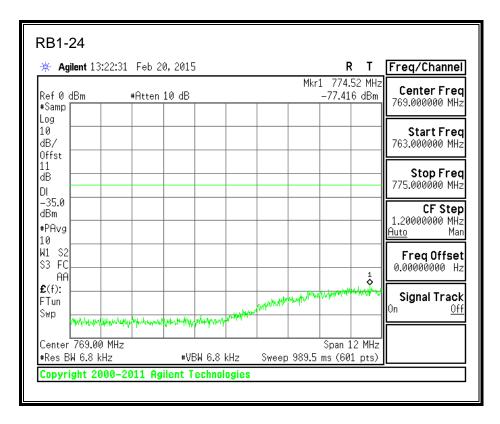




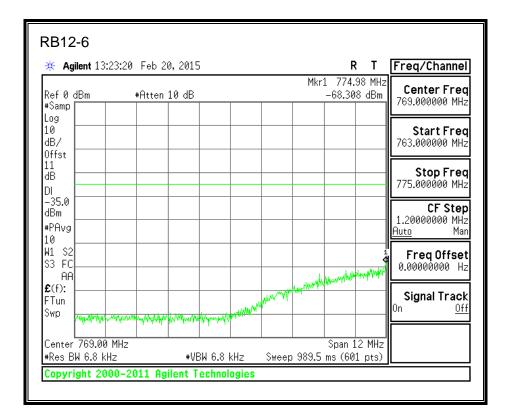
Page 269 of 747

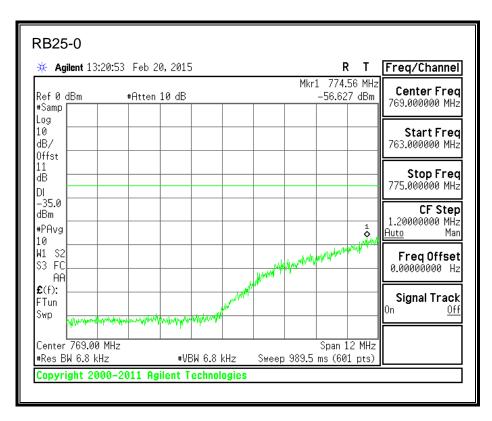
# 16QAM, 784.5MHz, 763 - 775MHz, (5MHz Bandwidth)





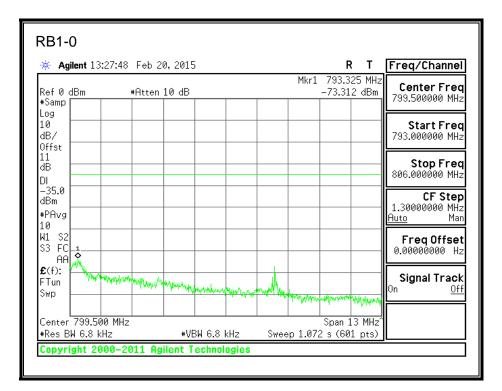
Page 270 of 747

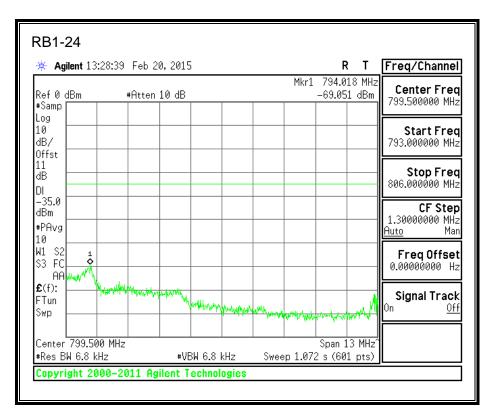




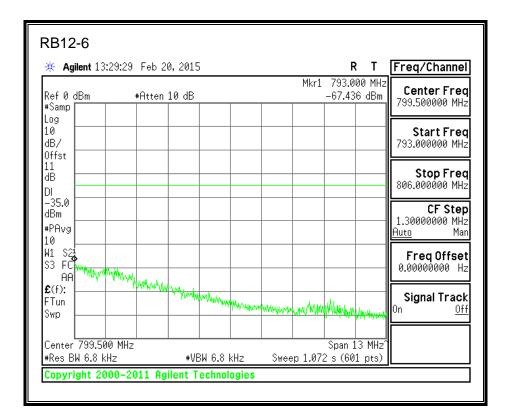
Page 271 of 747

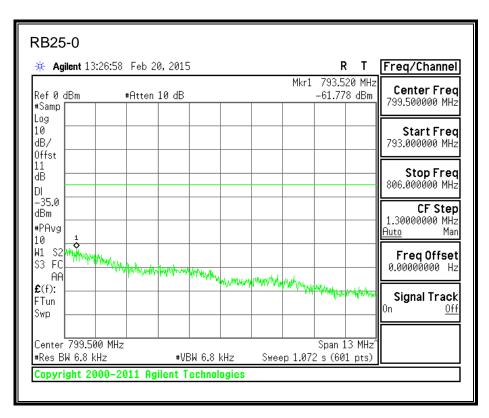
### QPSK, 784.5MHz, 793 - 806MHz, (5MHz Bandwidth)





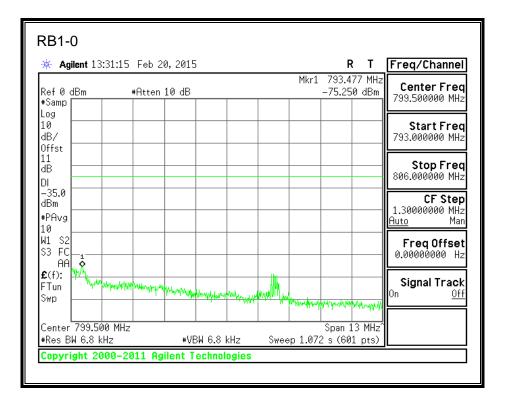
Page 272 of 747

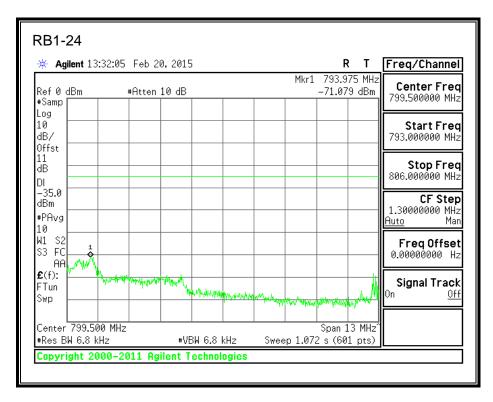




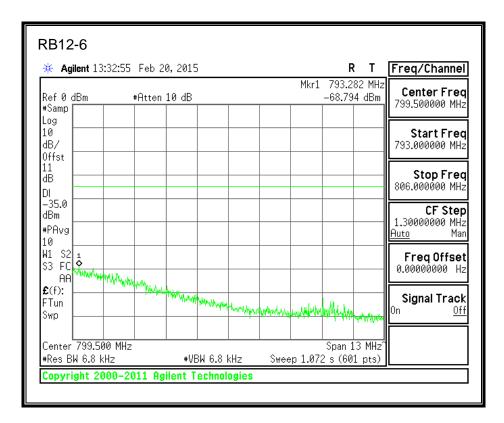
Page 273 of 747

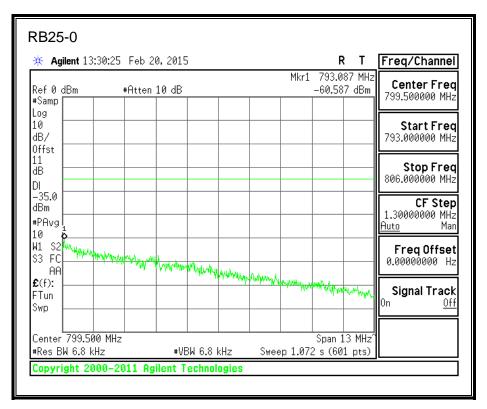
### 16QAM, 784.5MHz, 793 - 806MHz, (5MHz Bandwidth)





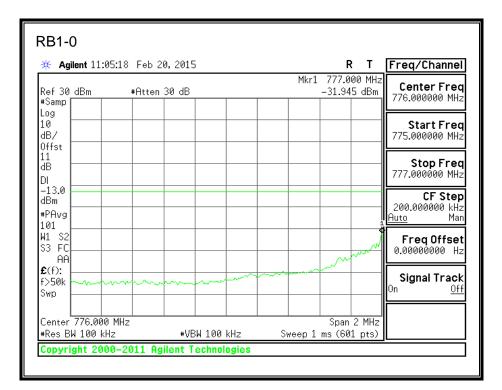
Page 274 of 747

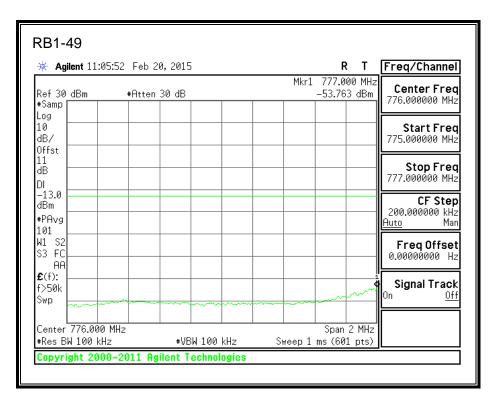




Page 275 of 747

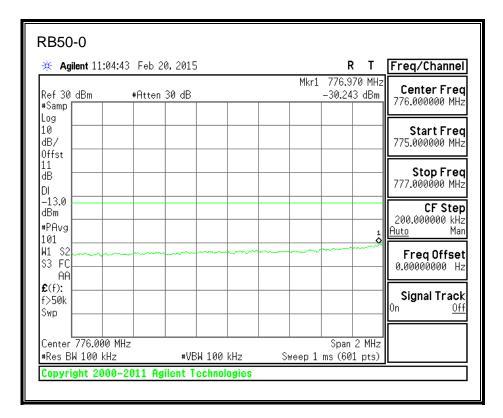
# QPSK, 782MHz, 775 - 777MHz, (10MHz Bandwidth)





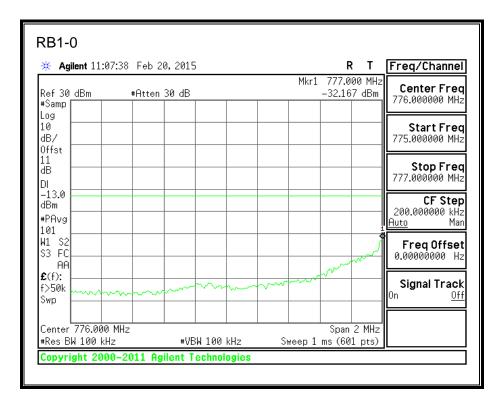
Page 276 of 747

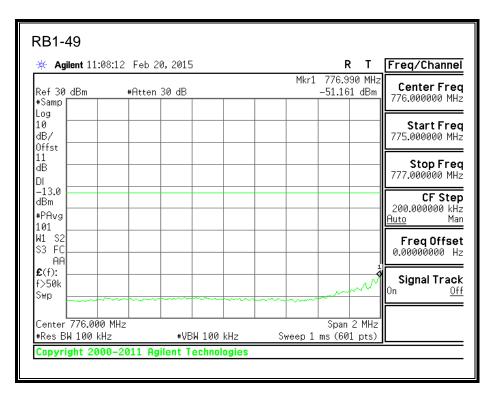
🔆 Agilent 11:06:27 Fe	b 20,2015				 Freq/Channel
Ref30 dBm #At: #Samp	ten 30 dB		Mk	r1 776.63 32.226	Center Frec 776.000000 MHz
Log 10					 Start Fred
dB/ Offst					 775.000000 MHz
11 dB DI					<b>Stop Freq</b> 777.000000 MHz
-13.0 dBm					CF Step 200.000000 kHz
*PAvg 101				1	 <u>Auto</u> Mar
W1 S2 S3 FC					 Freq Offset 0.00000000 Hz
£(f): f>50k Swp					<b>Signal Track</b> On <u>Off</u>
Center 776.000 MHz #Res BW 100 kHz	#VBW 10	)0 ⊬H->	Swaan	Span 2 1 ms (601	



Page 277 of 747

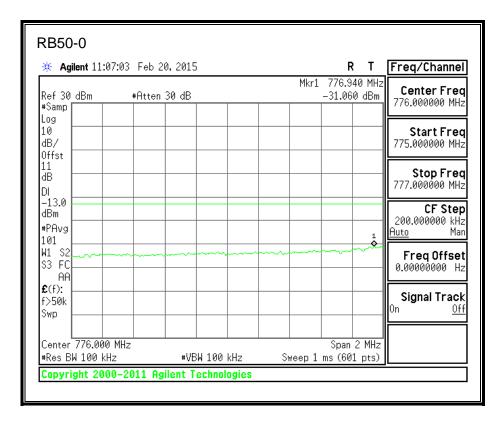
# 16QAM, 782MHz, 775 - 777MHz, (10MHz Bandwidth)





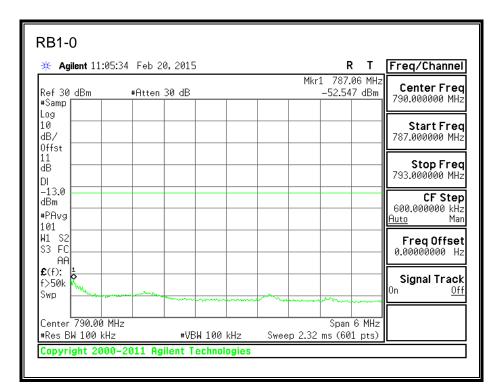
Page 278 of 747

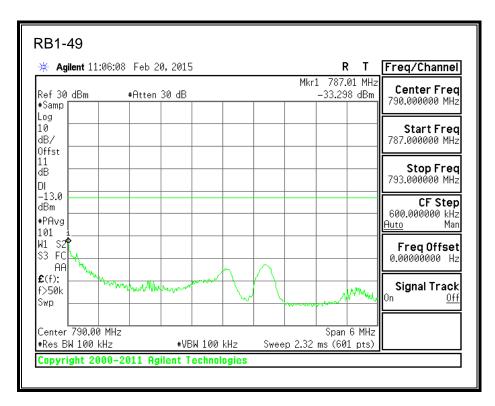
🔆 Agilent 11:08:46	Feb 20, 201:	)		R T	Freq/Channel
Ref 30 dBm #Samp	#Atten 30 dB		Mkr1	. 776.760 MHz -32.370 dBm	Center Fred 776.000000 MHz
Log					
10 dB/ Offst					Start Fred 775.000000 MHz
11 dB					Stop Fred 777.000000 MHz
DI					CF Step 200.000000 kHz
101					<u>Auto</u> Mar
W1 S2 S3 FC					Freq Offset 0.00000000 Hz
f>50k Swp					Signal Track
Center 776.000 MHz #Res BW 100 kHz	-	3W 100 kHz		Span 2 MHz ms (601 pts)	-



Page 279 of 747

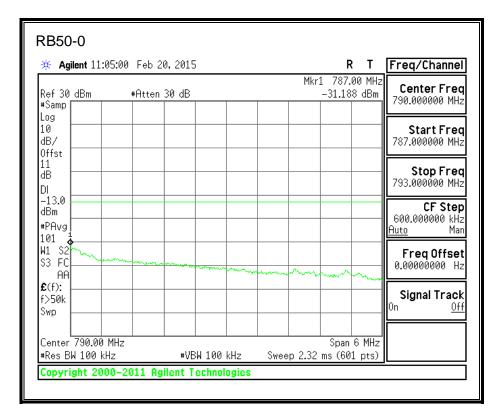
### QPSK, 782MHz, 787 - 793MHz, (10MHz Bandwidth)





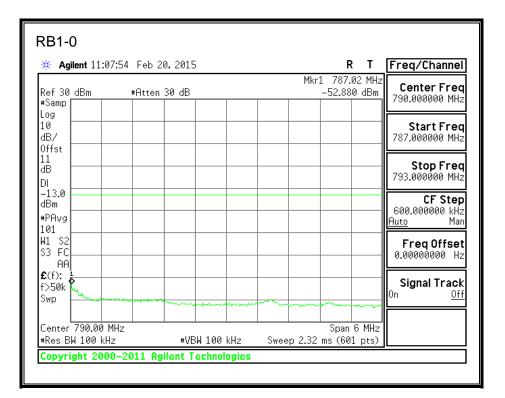
Page 280 of 747

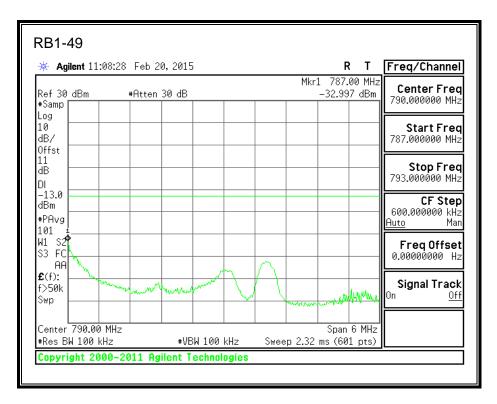
🔆 Agilent 11:06:4	3 Feb 20,2015	)		RT	Freq/Channel
Ref 30 dBm #Samp	#Atten 30 dB		1	4kr1 787.00 MHz _36.935 dBm	Center Fred 790.000000 MHz
Log					
10 dB/ Offst					Start Fred 787.000000 MHz
11 dB					Stop Fred 793.000000 MHz
DI -13.0 dBm					CF Step
#PAvg 101					600.000000 kHz <u>Auto</u> Mar
W1 S2 S3 FC					Freq Offset 0.00000000 Hz
<b>£</b> (f): f>50k		-			Signal Track
Swp					<u> </u>
Center 790.00 MHz #Res BW 100 kHz		 3W 100 kHz		Span 6 MHz 32 ms (601 pts)	



Page 281 of 747

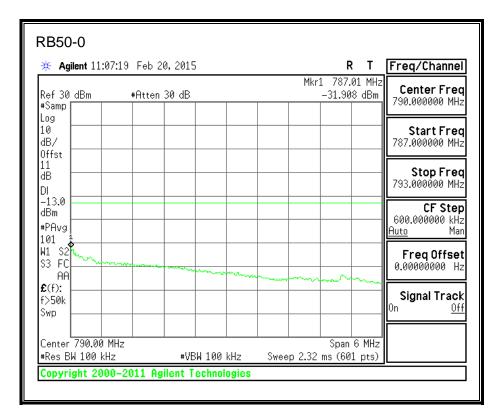
# 16QAM, 782MHz, 787 - 793MHz, (10MHz Bandwidth)





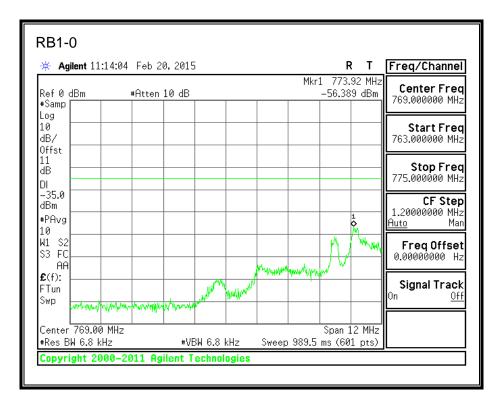
Page 282 of 747

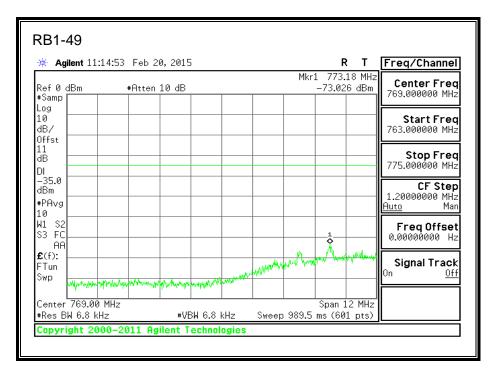
🔆 Agilent 11:09:03 Fe	eb 20,2015				R	·	Freq/Channel
Ref30/dBm #At #Samp	ten 30 dB		1		787.04 -38.736 (		Center Fred 790.000000 MHz
Log 10 dB/ 0ffst							<b>Start Frec</b> 787.000000 MHz
11 dB DI							<b>Stop Frec</b> 793.000000 MHz
-13.0 dBm #PAvg 101							<b>CF Step</b> 600.000000 kHz <u>Auto</u> Mar
M1 S21 S3 FC <b>P</b>							Freq Offset 0.00000000 Hz
£(f): f>50k Swp		<u>-</u>			ma	~~	<b>Signal Track</b> On <u>Off</u>
Center 790.00 MHz #Res BW 100 kHz	#VRW 10	)0 kHz	Sweet	n 232 m	Span 6 1s (601 p		



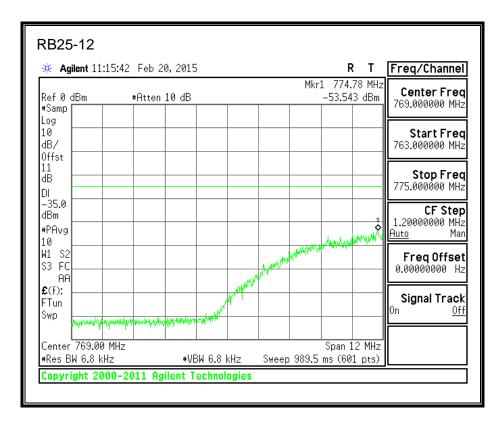
Page 283 of 747

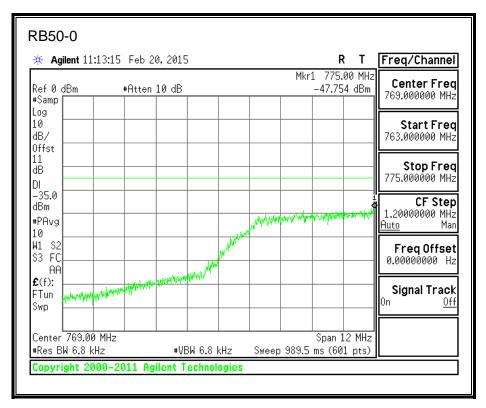
# QPSK, 782MHz, 763 - 775MHz, (10MHz Bandwidth)





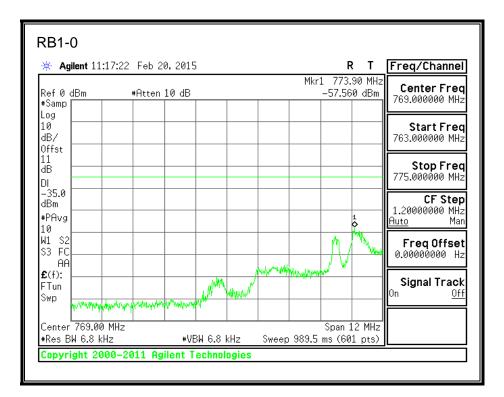
Page 284 of 747

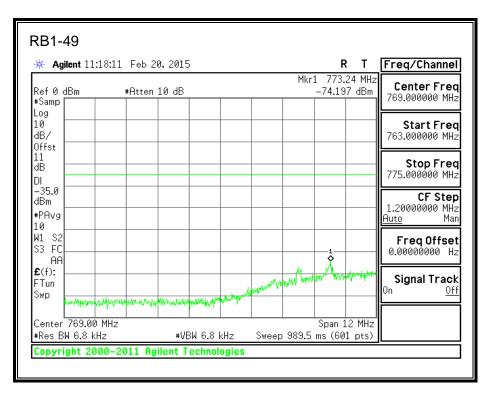




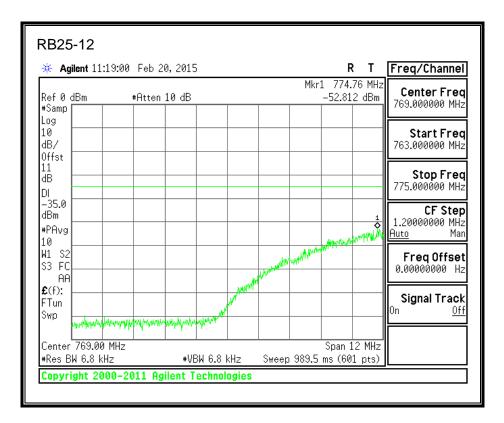
Page 285 of 747

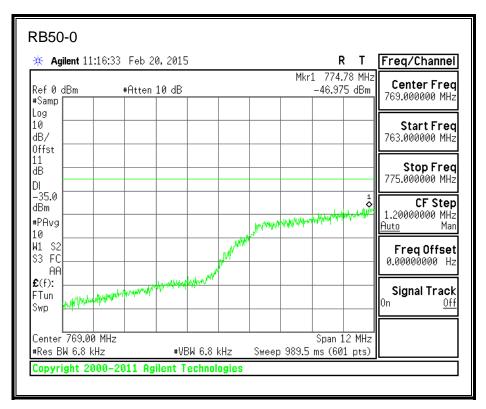
### 16QAM, 782MHz, 763 - 775MHz, (10MHz Bandwidth)





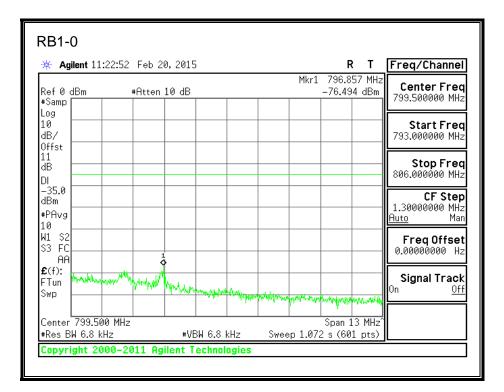
Page 286 of 747

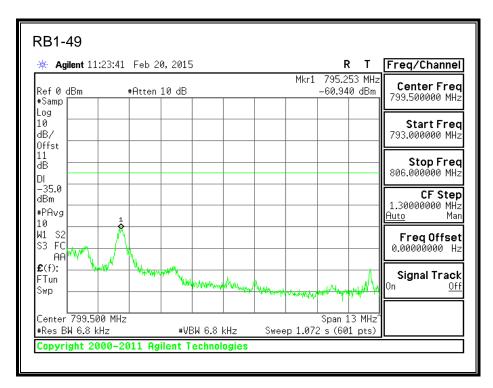




Page 287 of 747

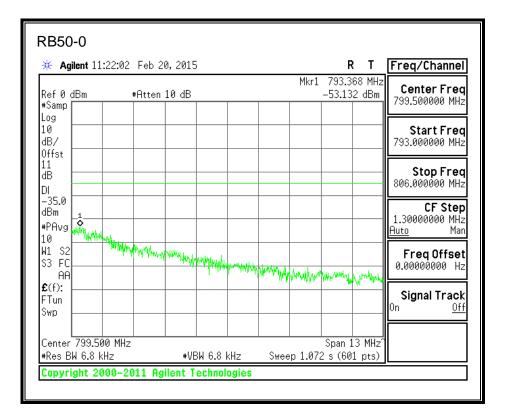
# QPSK, 782MHz, 793 - 806MHz, (10MHz Bandwidth)





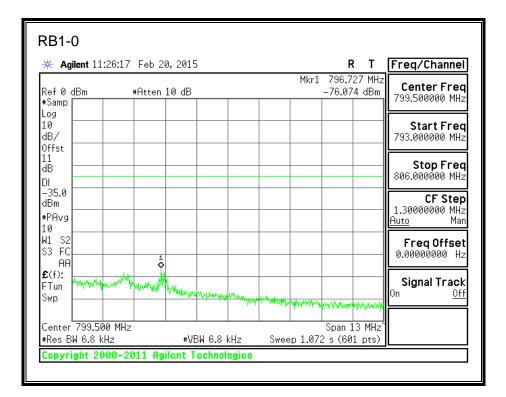
Page 288 of 747

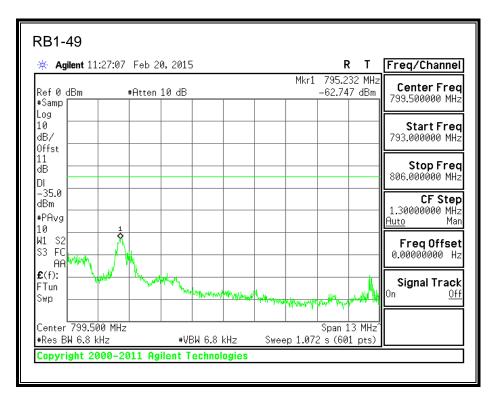
🔆 Agilent 11	24:31	Feb 2	0,2015					F	<u>t 1</u>	Freq/Channe
Ref 0 dBm	4	+Atten	10 dB				Mkr1	793.0 -62.87	65 MHz 2 dBm	Center Fred 799.500000 MH:
Samp .og										
.0 IB/										Start Fred 793.000000 MH:
)ffst 1										
IB										Stop Free 806.000000 MH:
)  -35.0										
Bm PAvg										<b>CF Step</b> 1.30000000 MH: <u>Auto</u> Ma
0 1 1 S2 3 EC	wathan	mana.								
AA	<b>P</b>		4Auni/44	Mproton	the for the state	<b>.</b>				0.00000000 H;
0 2 1 S2 3 FC Madu AA :(f): Tun ₩p				1		Mr N. Aprilio	watry from	19th and the second second	Manya	Signal Tracl
wp										<u></u>
enter 799.50	IA MHz							Snan 1	.3 MHz^	
Res BW 6.8 k			#VE	3W 6.8 I	kHz	Swee	p 1.072			



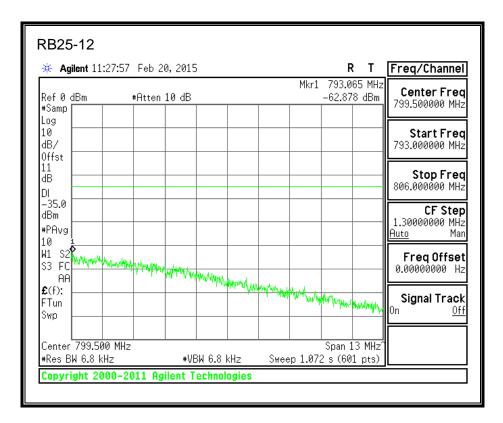
Page 289 of 747

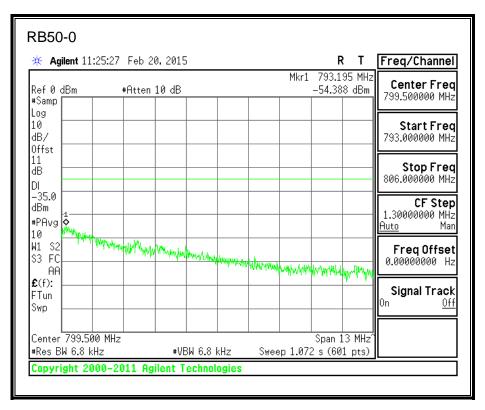
# 16QAM, 782MHz, 793 - 806MHz, (10MHz Bandwidth)





Page 290 of 747

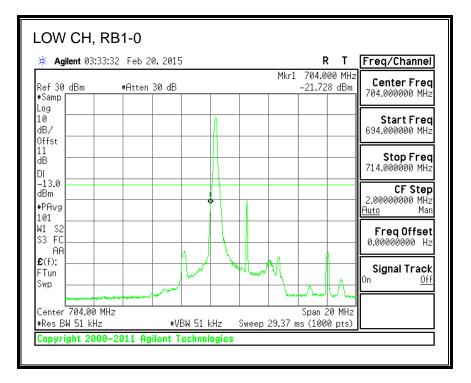


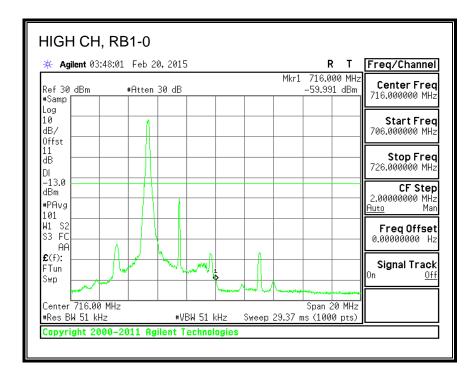


Page 291 of 747

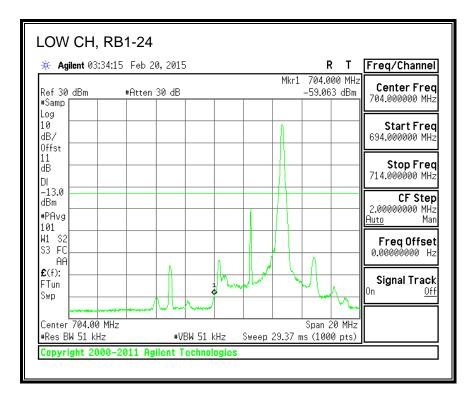
# 8.2.5. LTE BAND 17 BANDEDGE

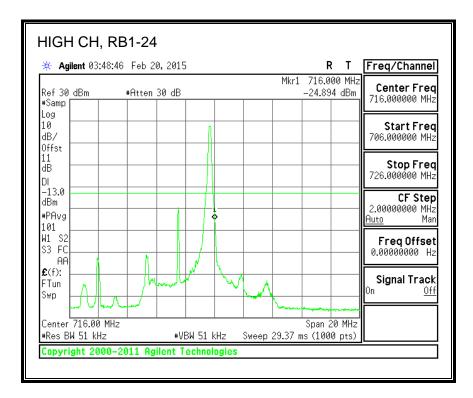
### QPSK, (5.0 MHz BAND WIDTH)



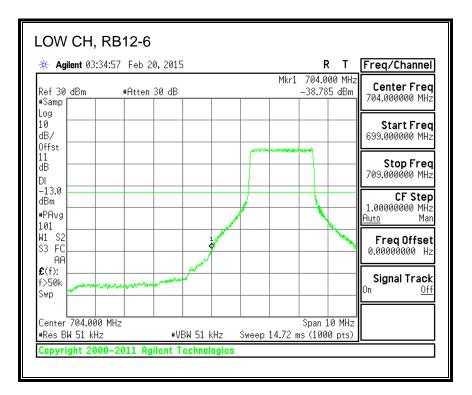


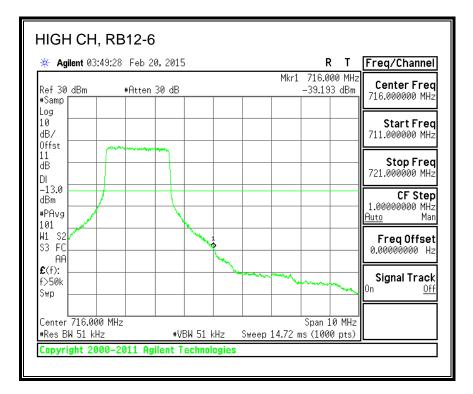
Page 292 of 747



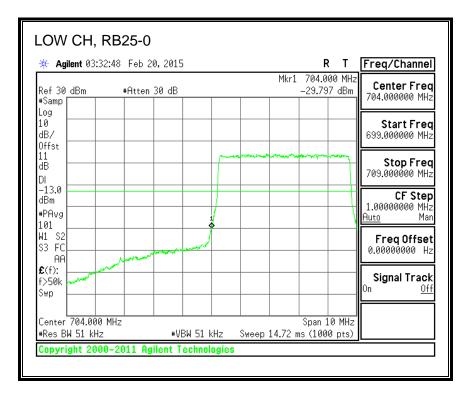


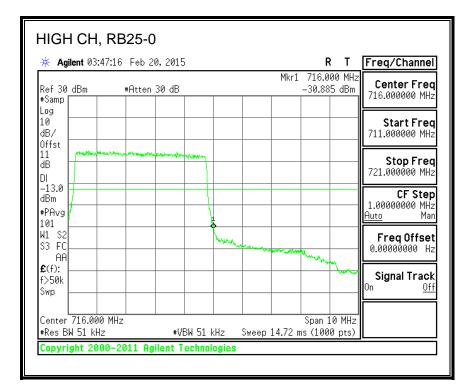
Page 293 of 747





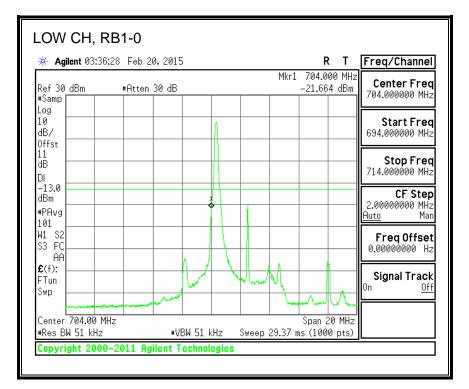
Page 294 of 747

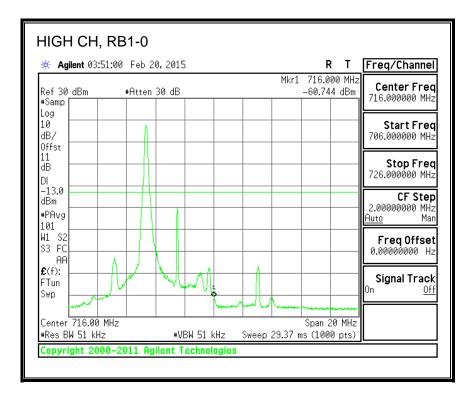




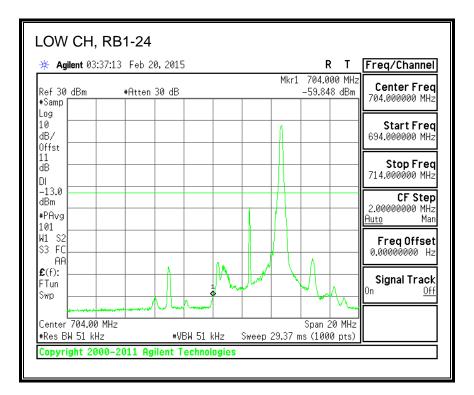
Page 295 of 747

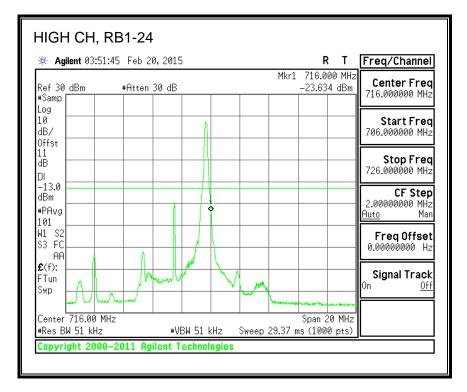
# 16QAM, (5.0 MHz BAND WIDTH)



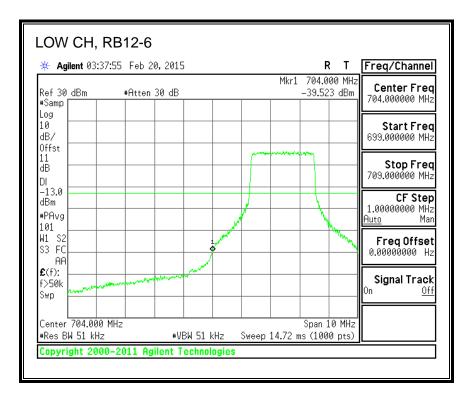


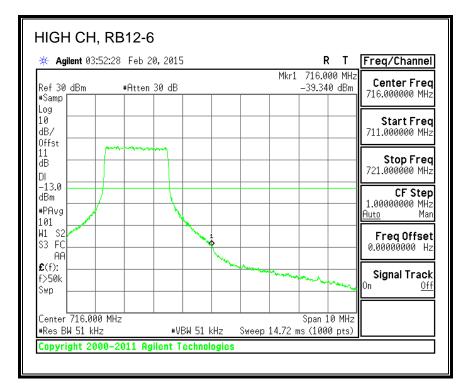
Page 296 of 747



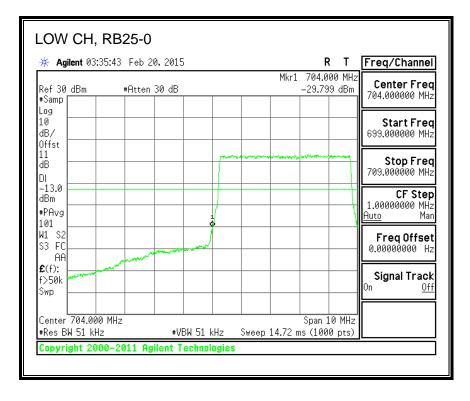


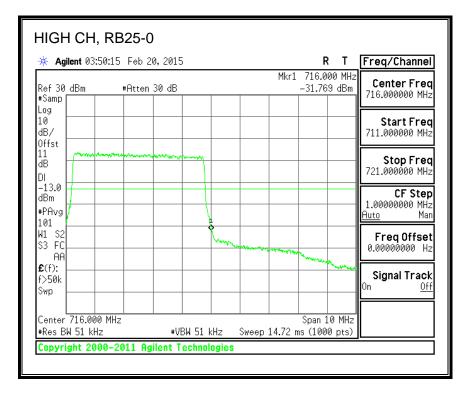
Page 297 of 747





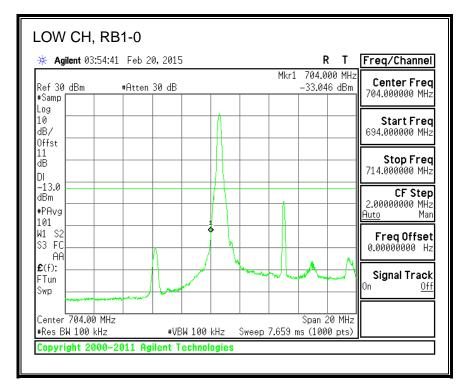
Page 298 of 747

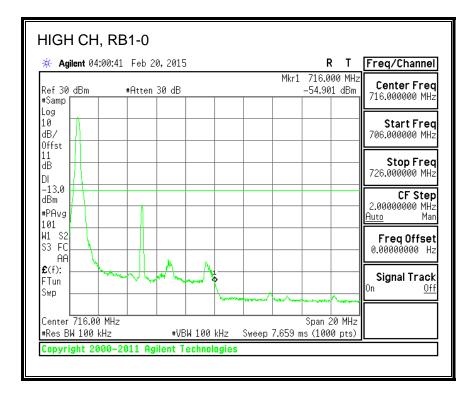




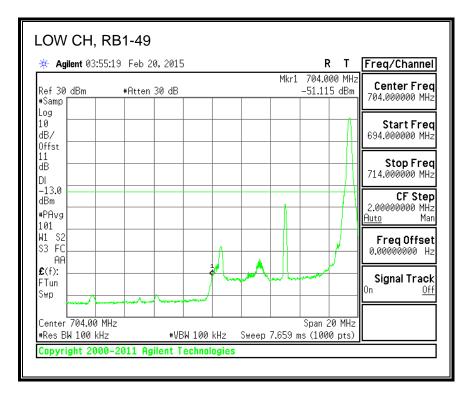
Page 299 of 747

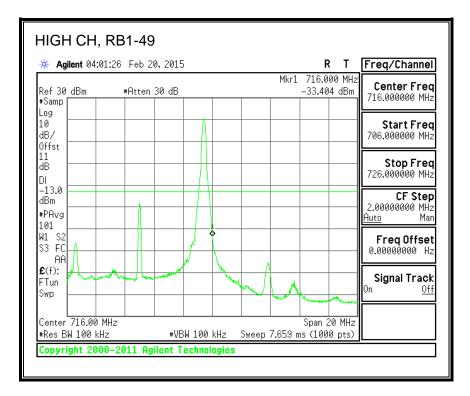
# QPSK, (10.0 MHz BAND WIDTH)



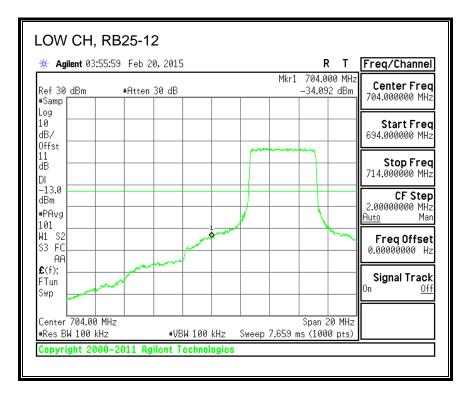


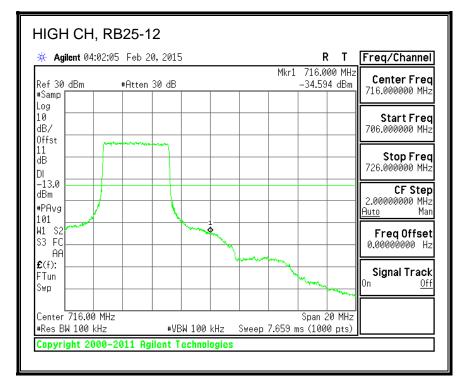
Page 300 of 747



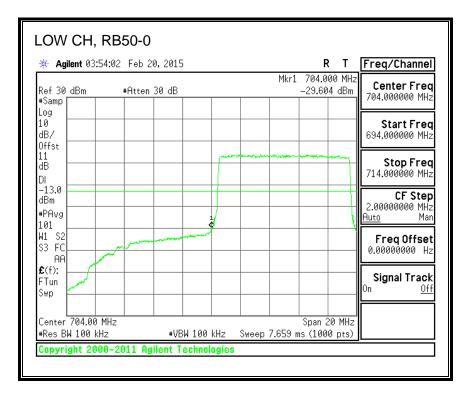


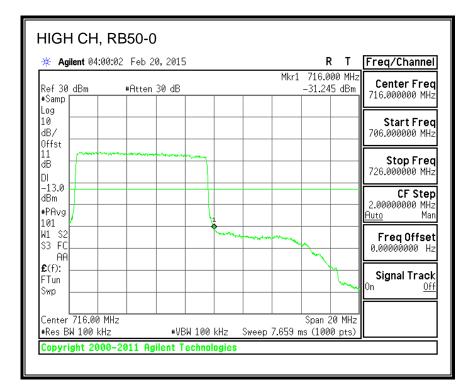
Page 301 of 747





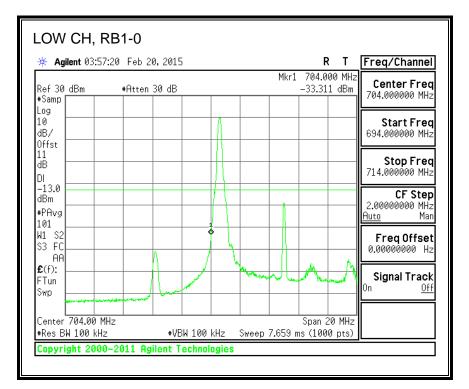
Page 302 of 747

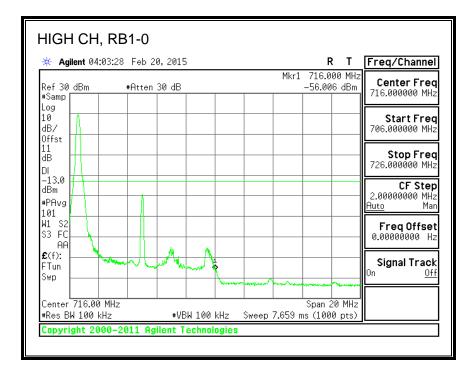




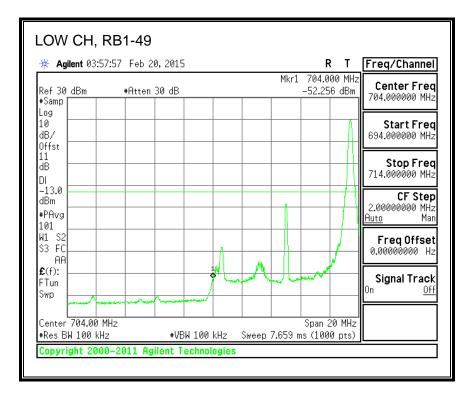
Page 303 of 747

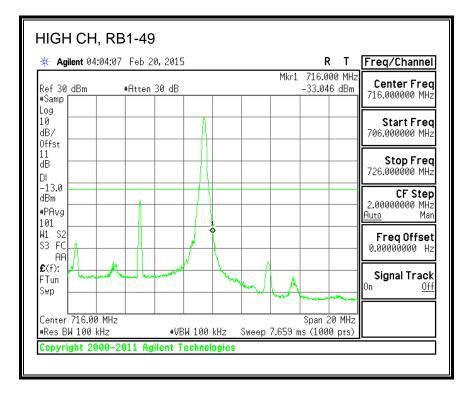
# 16QAM, (10.0 MHz BAND WIDTH)



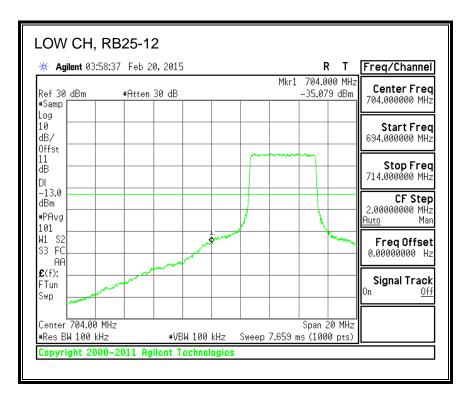


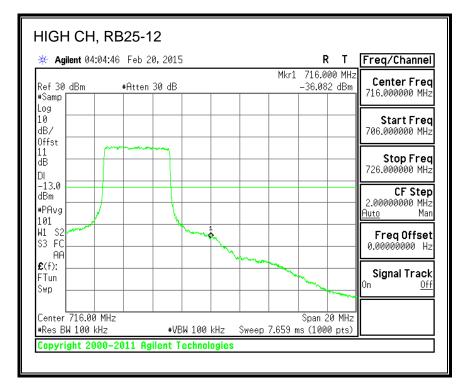
Page 304 of 747



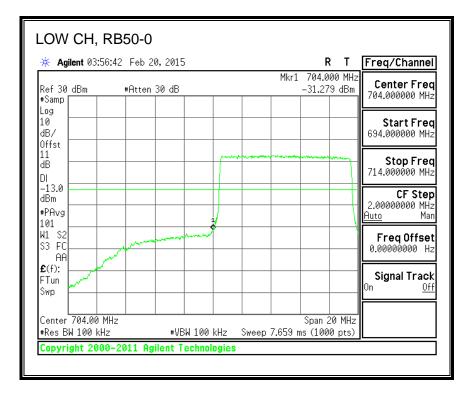


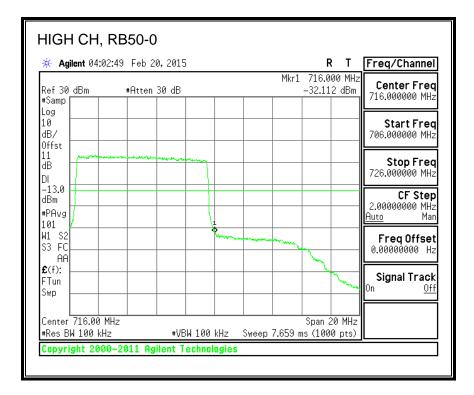
Page 305 of 747





Page 306 of 747

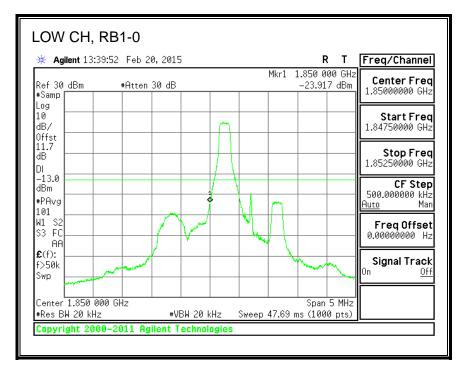


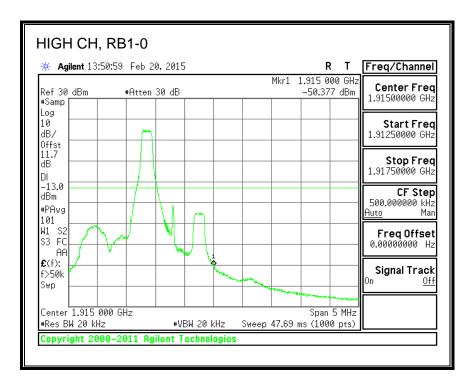


Page 307 of 747

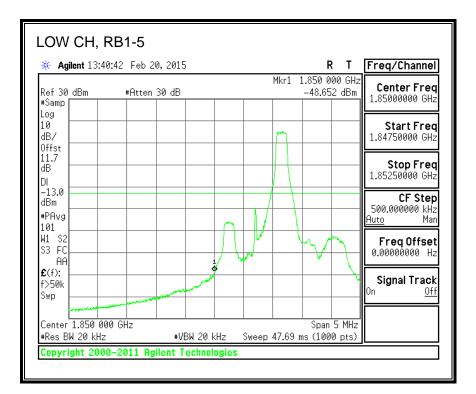
# 8.2.6. LTE BAND 25 BANDEDGE

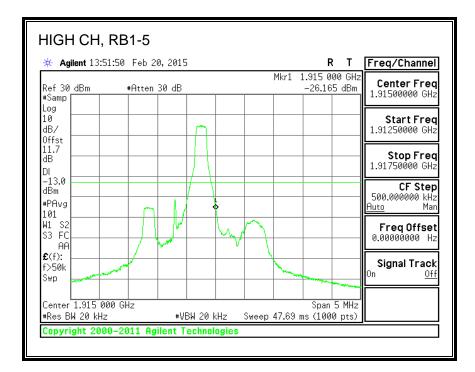
#### QPSK, (1.4 MHz BAND WIDTH)



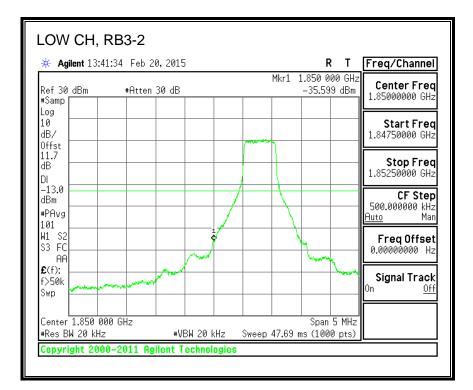


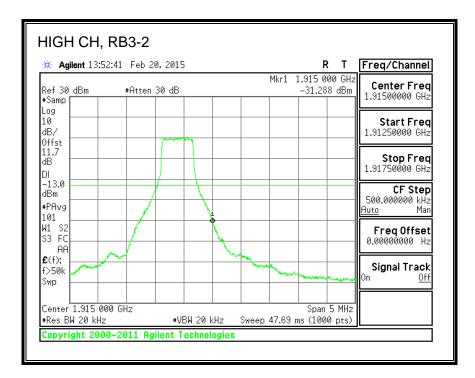
Page 308 of 747



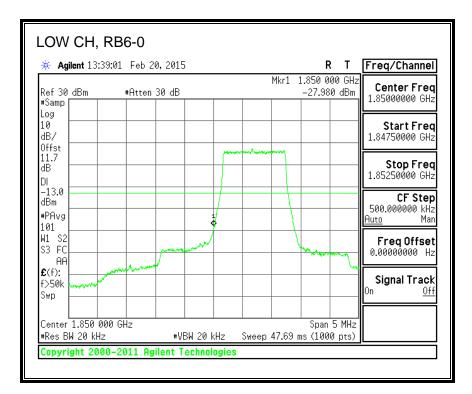


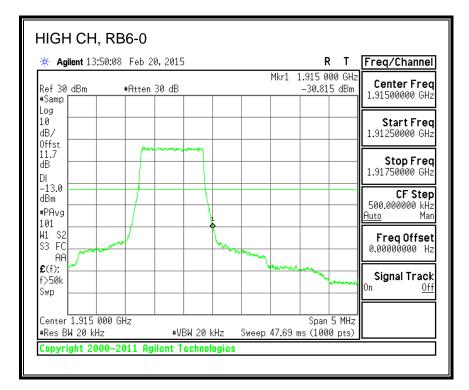
Page 309 of 747





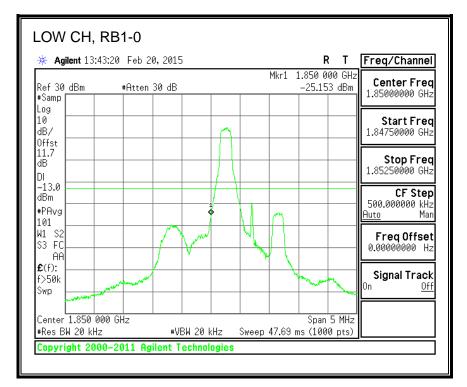
Page 310 of 747

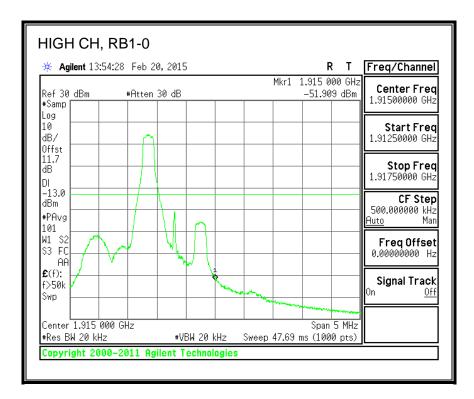




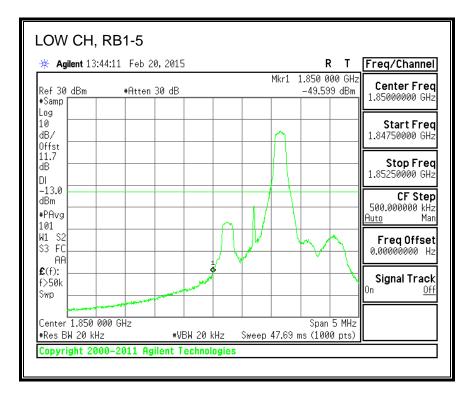
Page 311 of 747

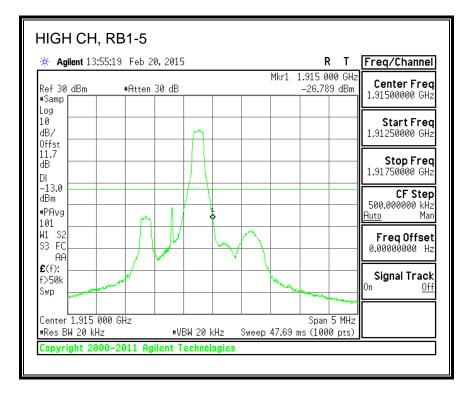
# 16QAM, (1.4 MHz BAND WIDTH)



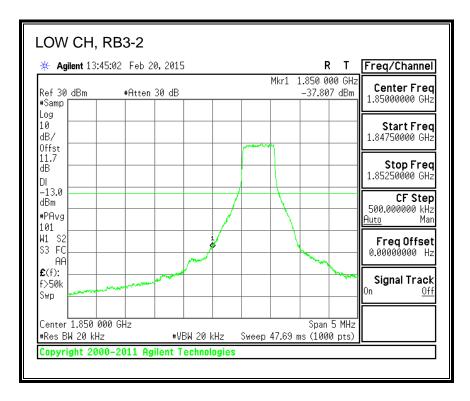


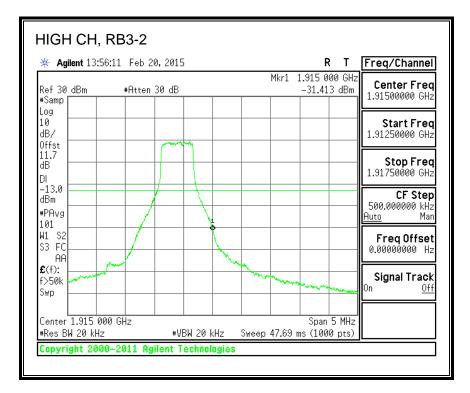
Page 312 of 747



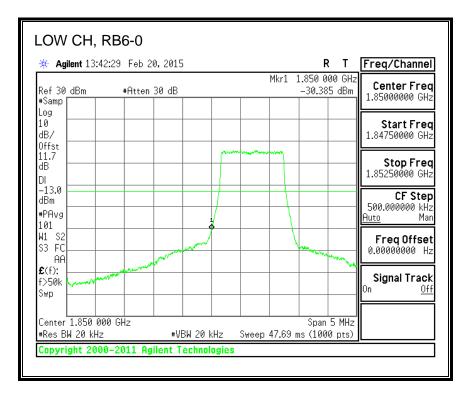


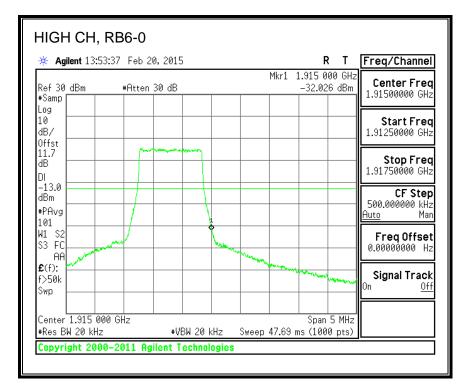
Page 313 of 747





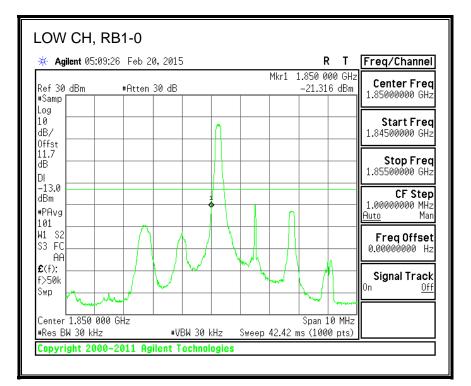
Page 314 of 747

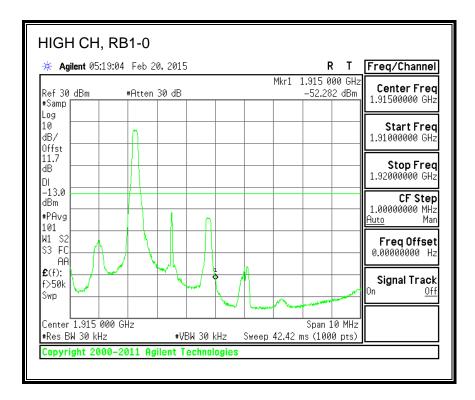




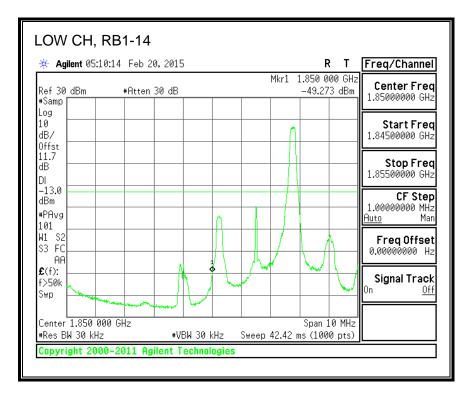
Page 315 of 747

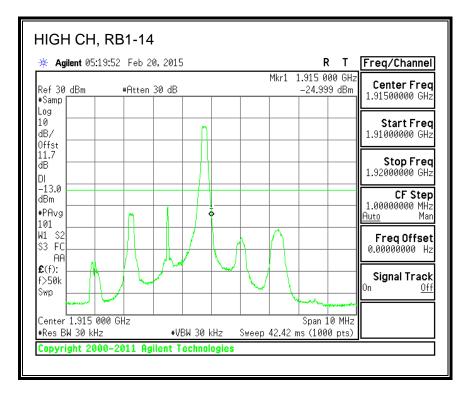
## QPSK, (3.0 MHz BAND WIDTH)



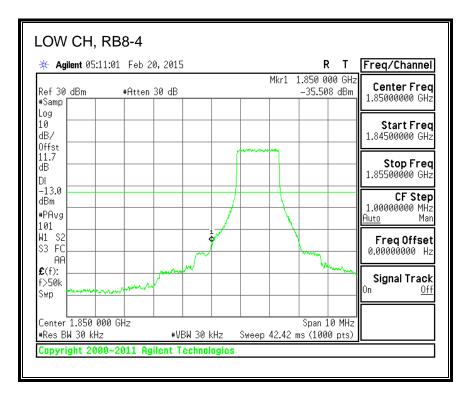


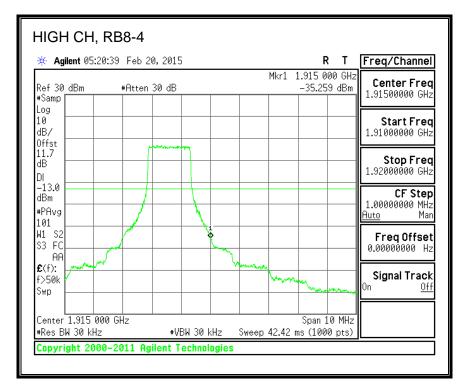
Page 316 of 747





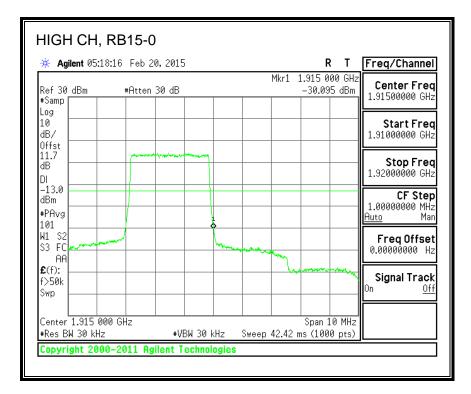
Page 317 of 747





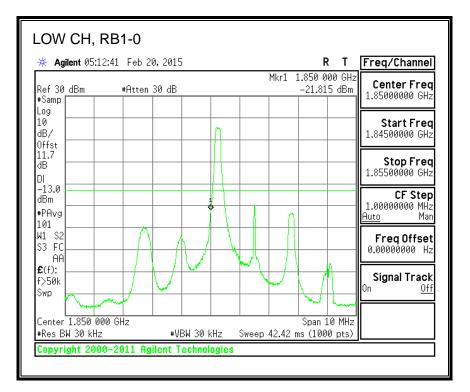
Page 318 of 747

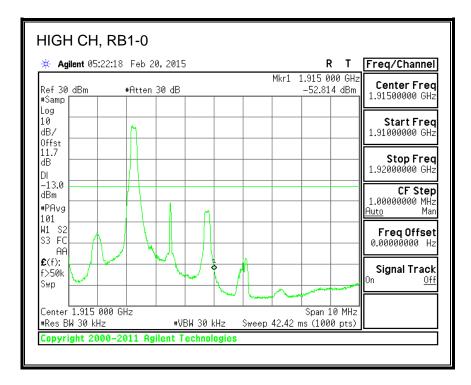
🔆 Agi	<b>lent</b> 05:08:3	9 Feb 20,2	2015			R	-	Freq/Channel
Ref 30 #Samp∣	dBm	#Atten 30	dB		Mkr1	1.850 00 -27.564		Center Freq 1.85000000 GHz
Log 10 dB/ Offst								<b>Start Freq</b> 1.84500000 GHz
dB DI								<b>Stop Freq</b> 1.85500000 GHz
-13.0 dBm #PAvg								<b>CF Step</b> 1.00000000 MHz <u>Auto</u> Man
101 W1 S2 S3 FC AA						-		Freq Offset 0.00000000 Hz
<b>£</b> (f): f>50k Swp	A CONTRACTOR OF CONTRACT							<b>Signal Track</b> <sup>On <u>Off</u></sup>
	1.850 000 √ 30 kHz	GHz	#VBW 30 k	Hz Sw	eep 42.42 (	Span 1 Span 1 ms (1000		



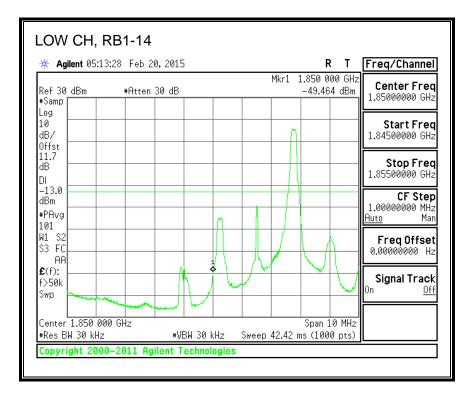
Page 319 of 747

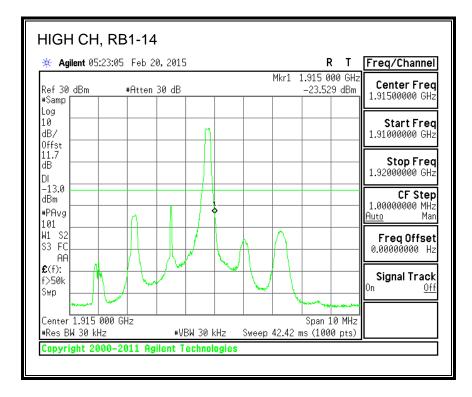
# 16QAM, (3.0 MHz BAND WIDTH)



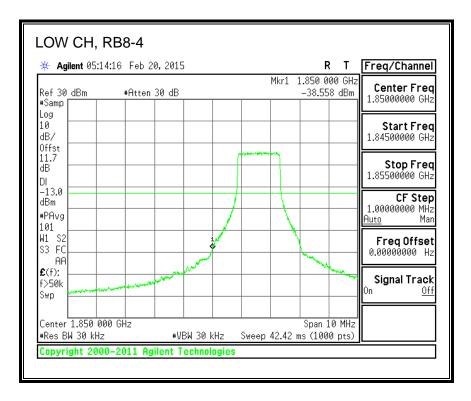


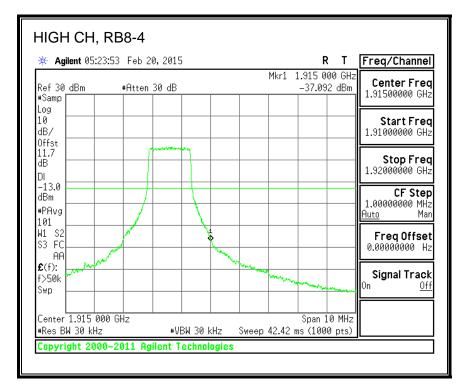
Page 320 of 747





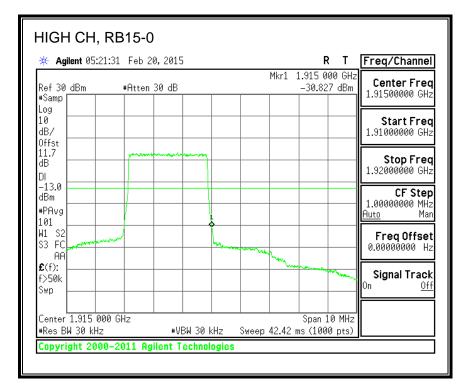
Page 321 of 747





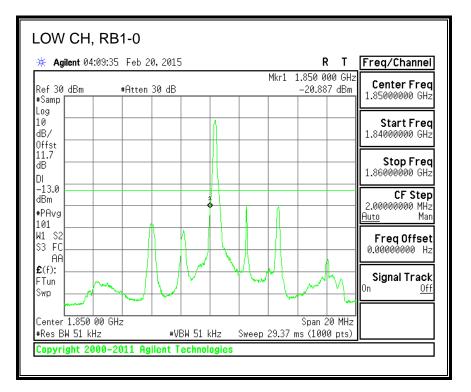
Page 322 of 747

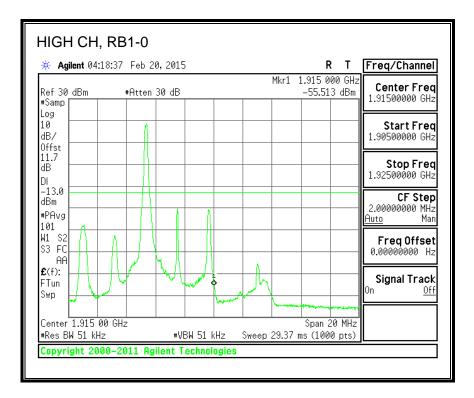
🔆 Agilent 0	5:11:54 Feb 2	0,2015				R		Freq/Channel
Ref 30 dBm #Samp	#Atten	30 dB			Mkr1 :	L.850 00 -28.77:		Center Freq 1.85000000 GHz
Log 10 dB/ Offst								<b>Start Freq</b> 1.84500000 GHz
11.7 dB DI					********			<b>Stop Freq</b> 1.85500000 GHz
-13.0 dBm #PAvg			1					<b>CF Step</b> 1.00000000 MHz <u>Auto</u> Mar
101 W1 S2 S3 FC AA			4			-	and the second second	Freq Offset 0.00000000 Hz
£(f): f>50k Swp								<b>Signal Track</b> On <u>Off</u>
Center 1.850 #Res BW 30		#VBW 30	) kHz	Sweep 4	42.42 r	Span 1 1s (1000		



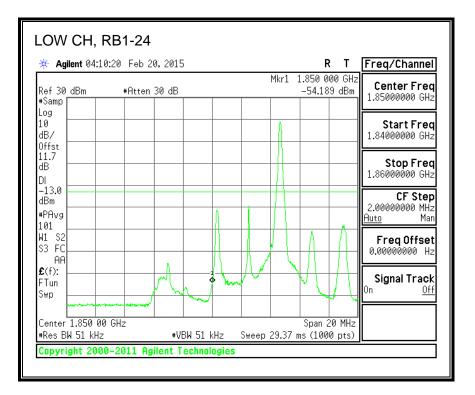
Page 323 of 747

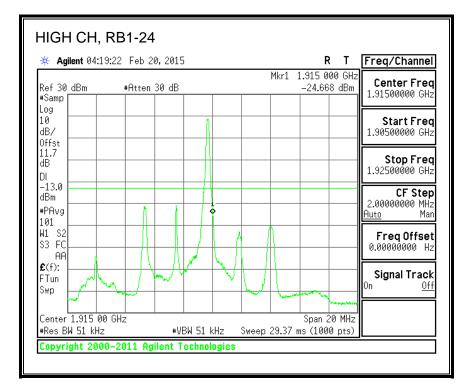
## QPSK, (5.0 MHz BAND WIDTH)



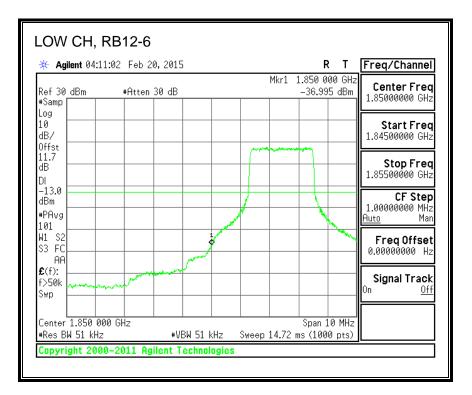


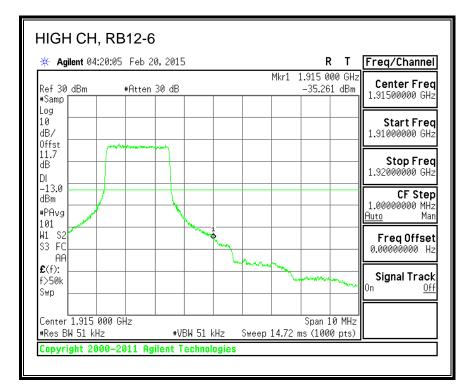
Page 324 of 747



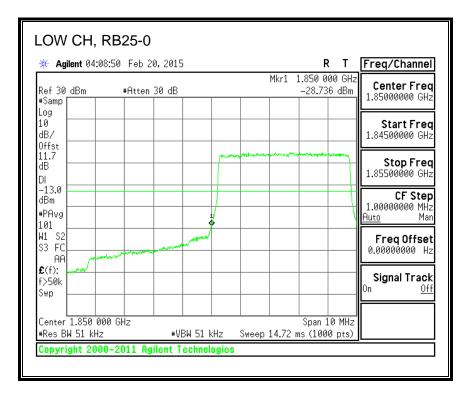


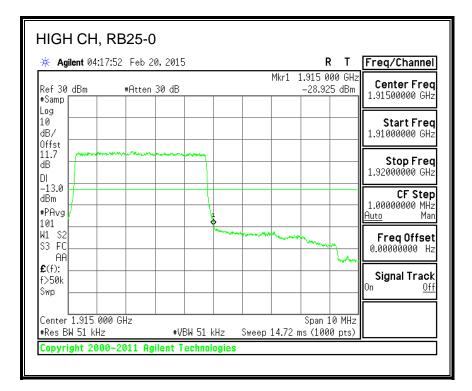
Page 325 of 747





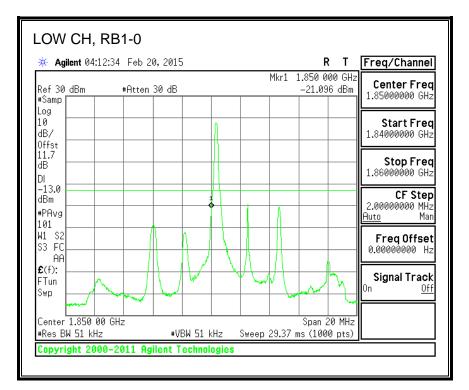
Page 326 of 747

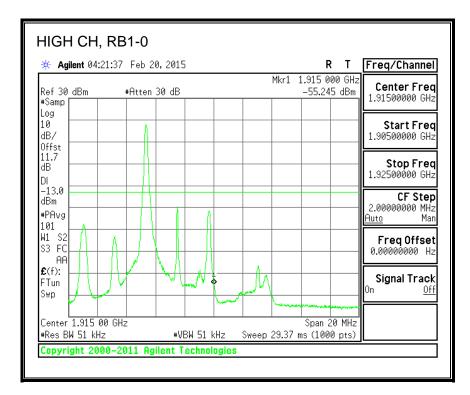




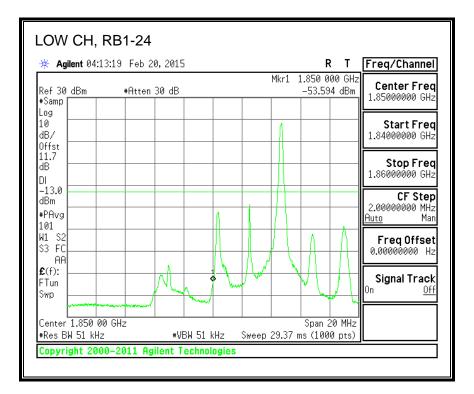
Page 327 of 747

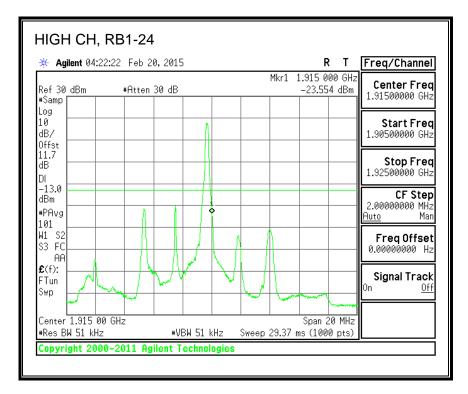
## 16QAM, (5.0 MHz BAND WIDTH)



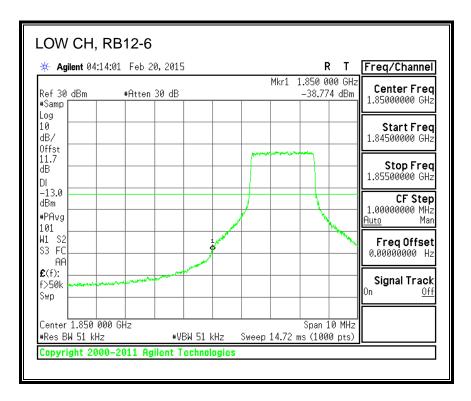


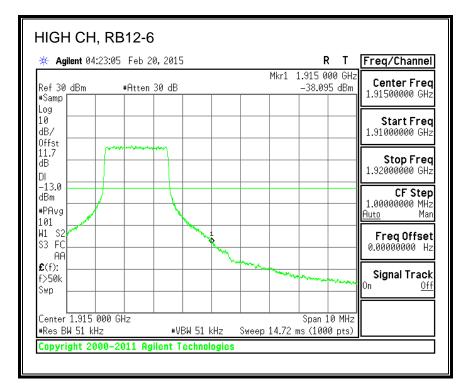
Page 328 of 747



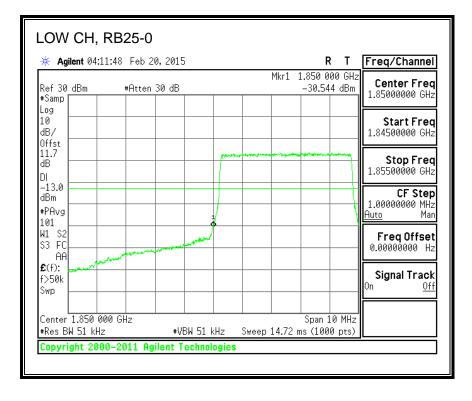


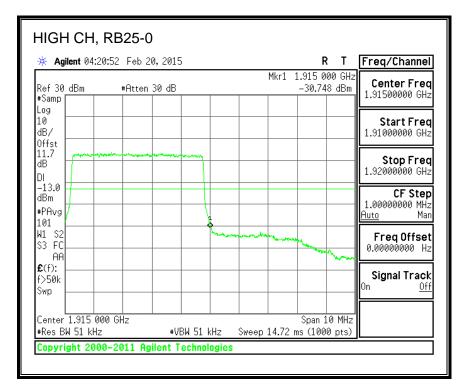
Page 329 of 747





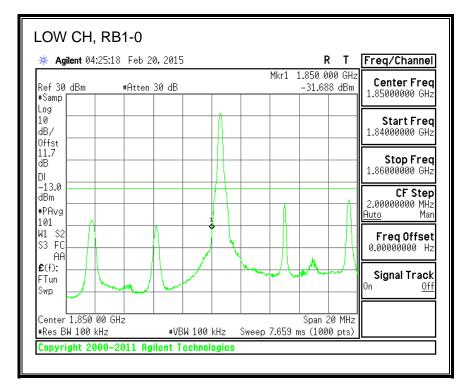
Page 330 of 747

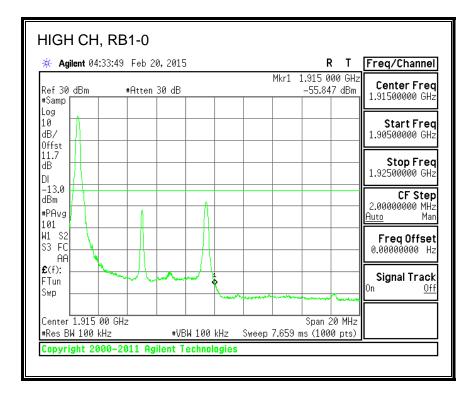




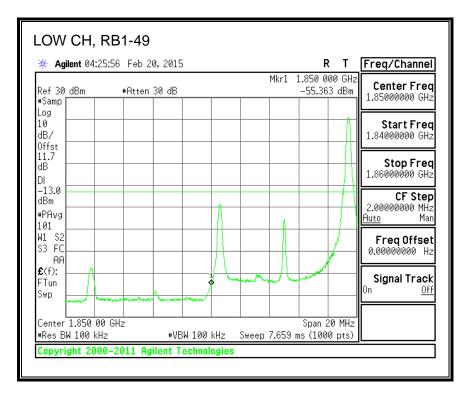
Page 331 of 747

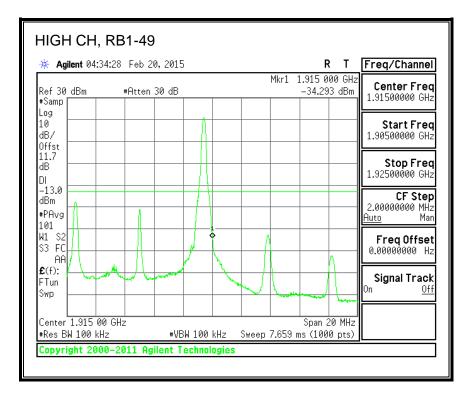
# QPSK, (10.0 MHz BAND WIDTH)



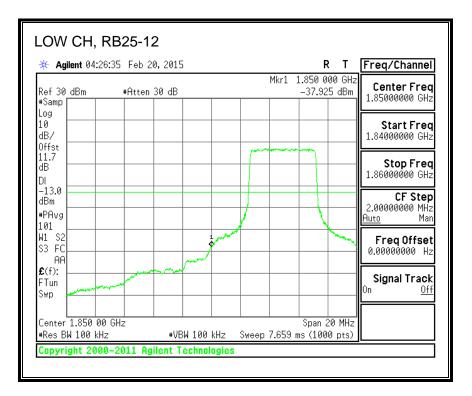


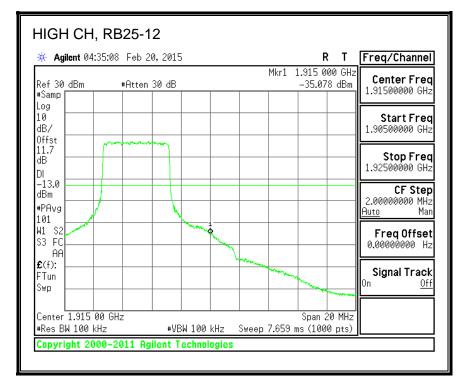
Page 332 of 747



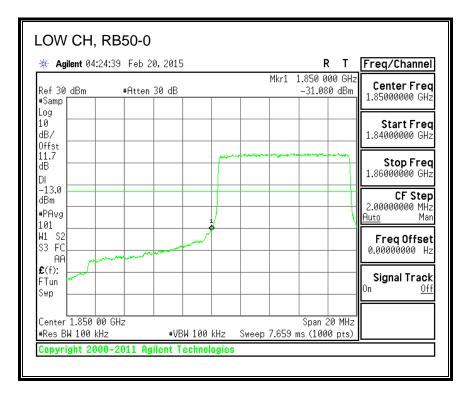


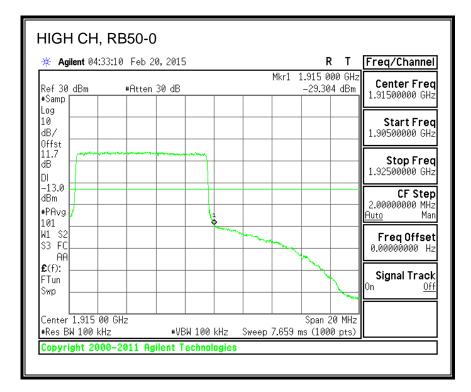
Page 333 of 747





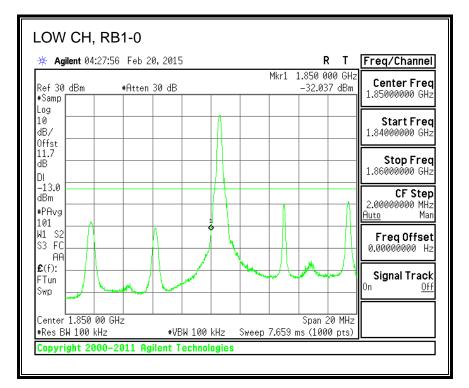
Page 334 of 747

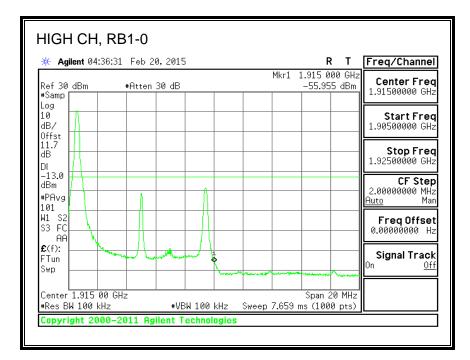




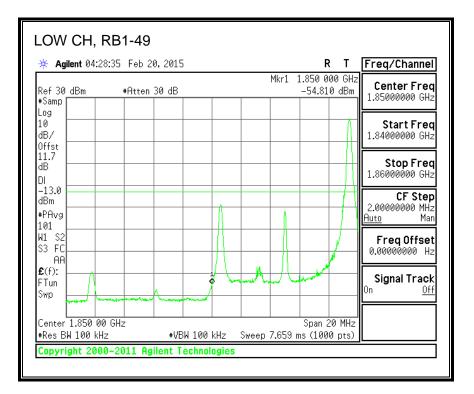
Page 335 of 747

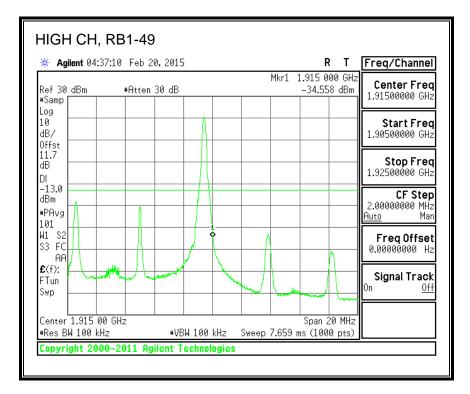
## 16QAM, (10.0 MHz BAND WIDTH)



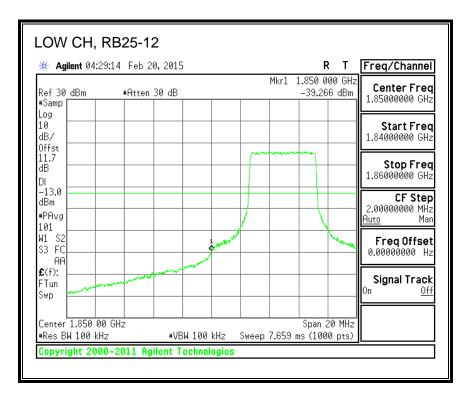


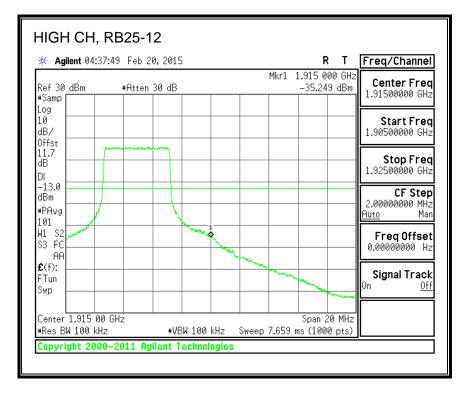
Page 336 of 747



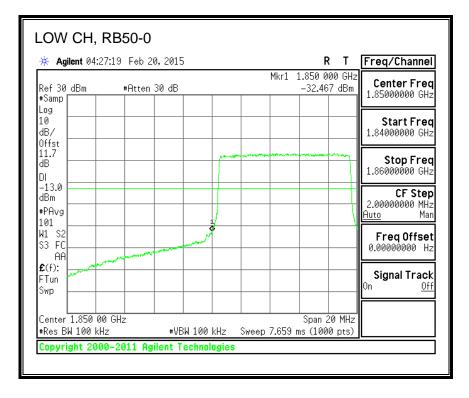


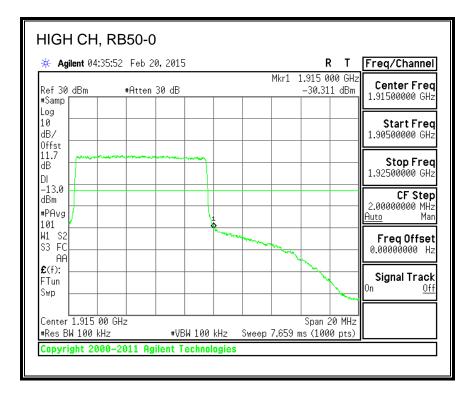
Page 337 of 747





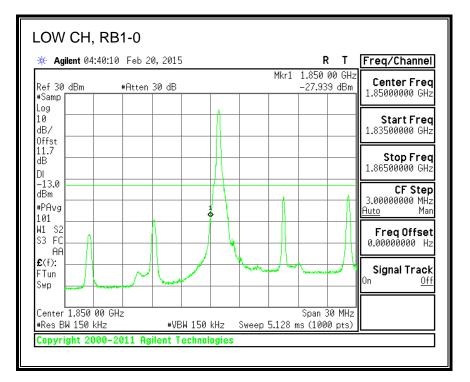
Page 338 of 747

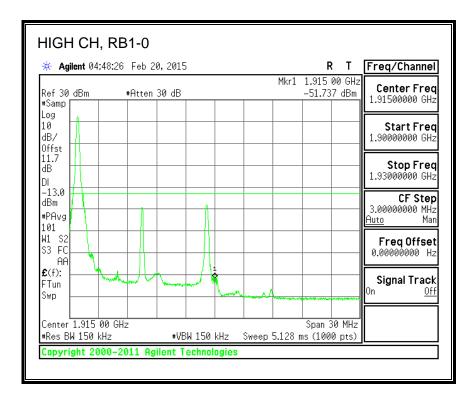




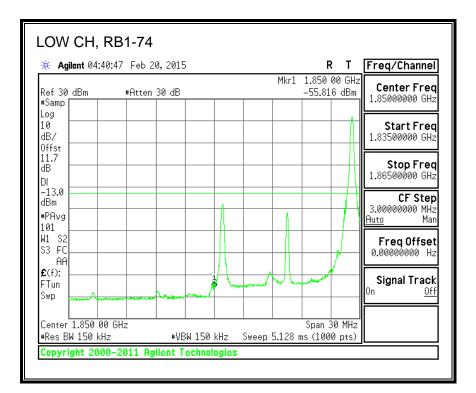
Page 339 of 747

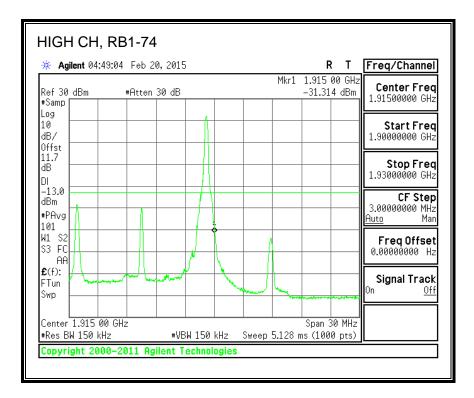
# QPSK, (15.0 MHz BAND WIDTH)



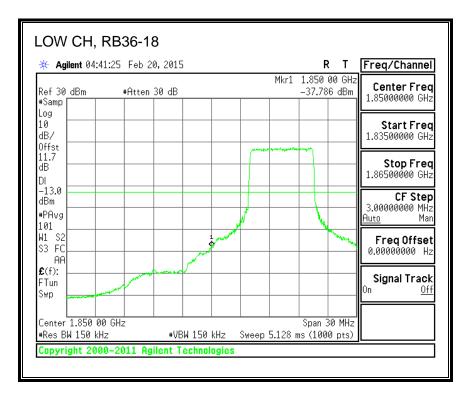


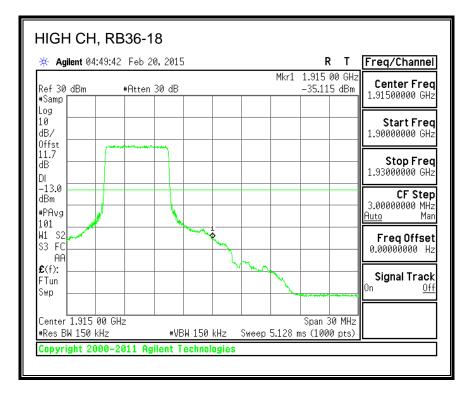
Page 340 of 747



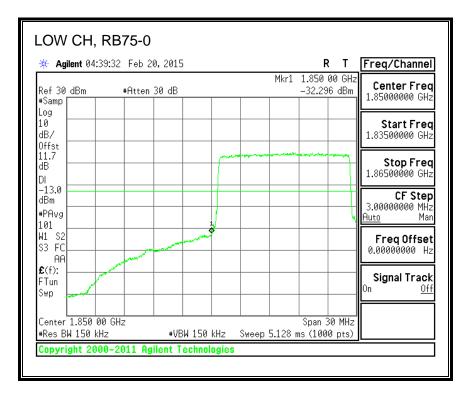


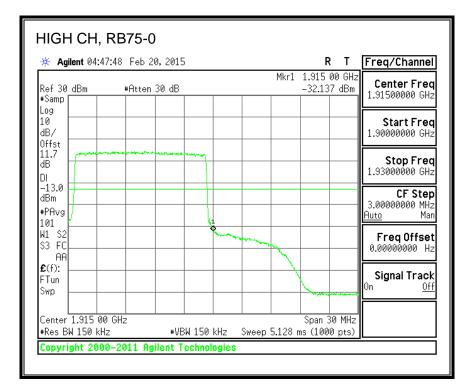
Page 341 of 747





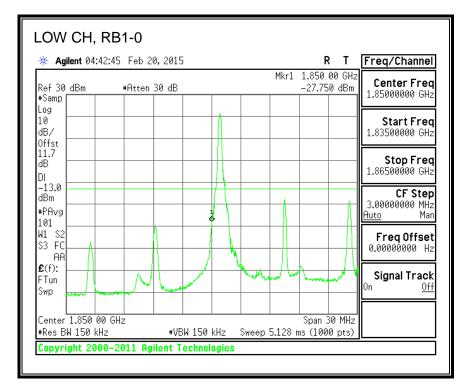
Page 342 of 747

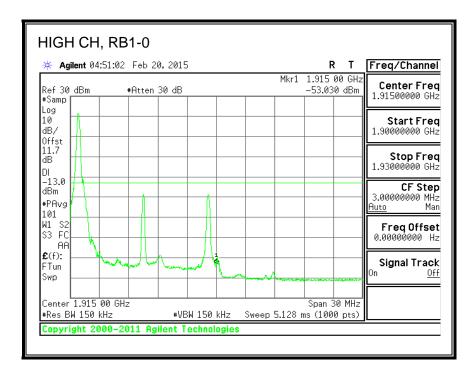




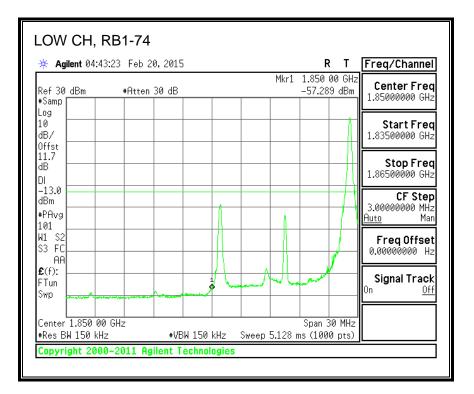
Page 343 of 747

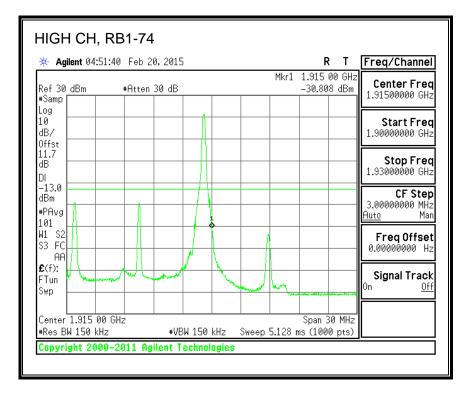
# 16QAM, (15.0 MHz BAND WIDTH)



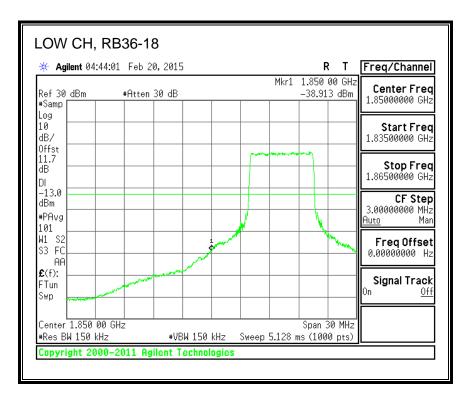


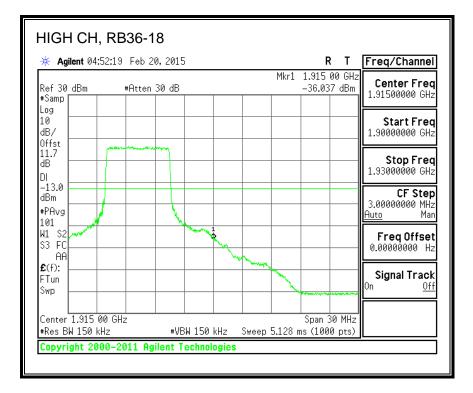
Page 344 of 747



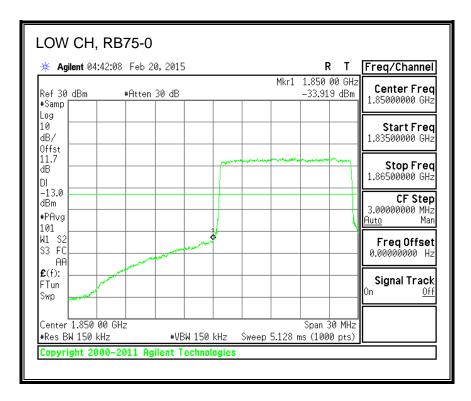


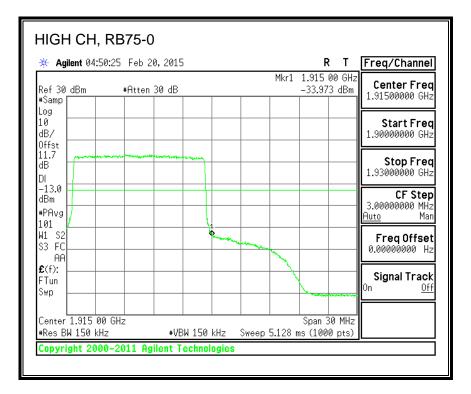
Page 345 of 747





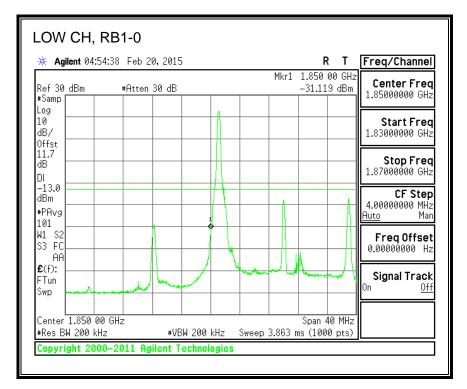
Page 346 of 747

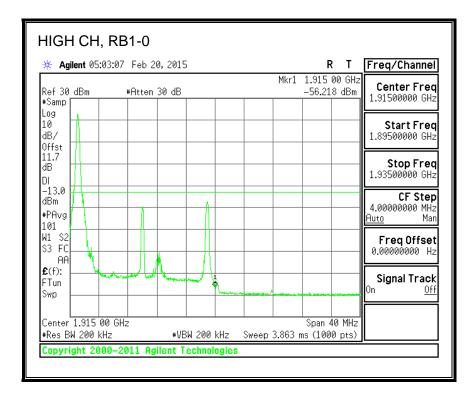




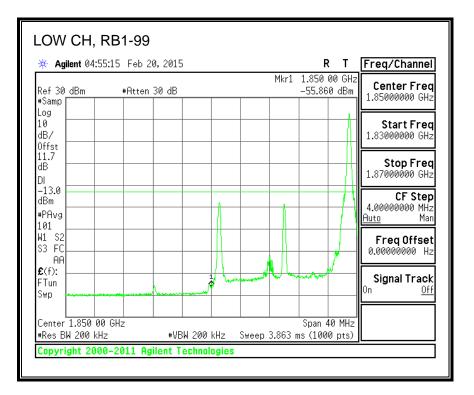
Page 347 of 747

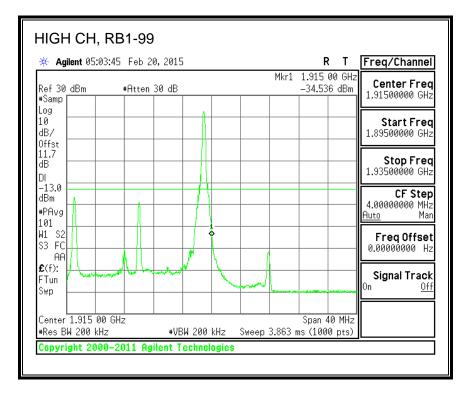
# QPSK, (20.0 MHz BAND WIDTH)



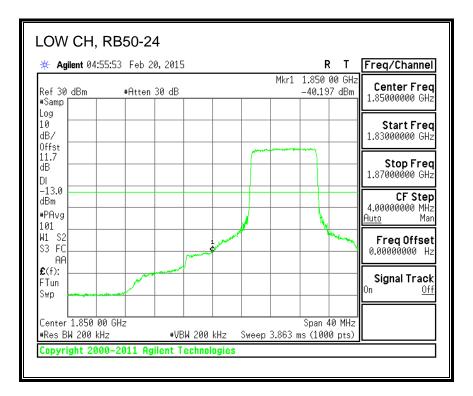


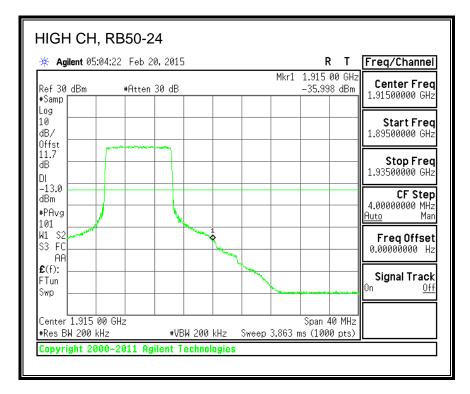
Page 348 of 747



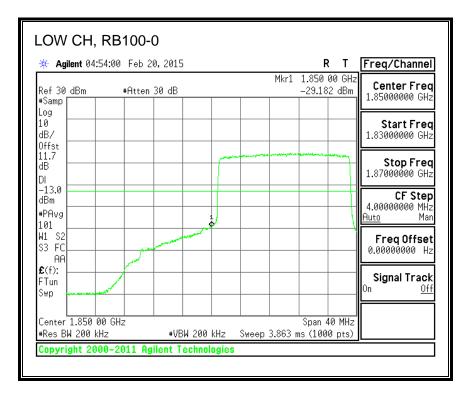


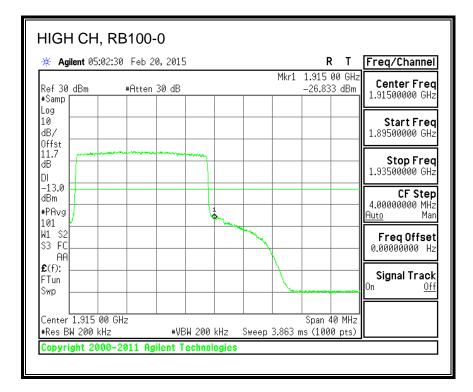
Page 349 of 747





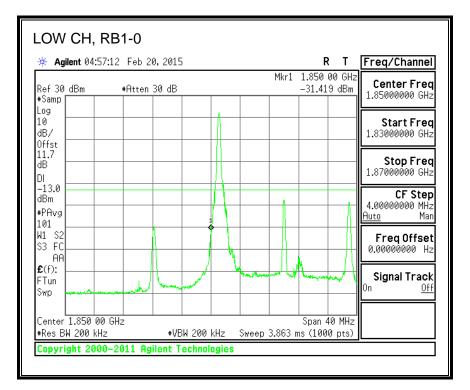
Page 350 of 747

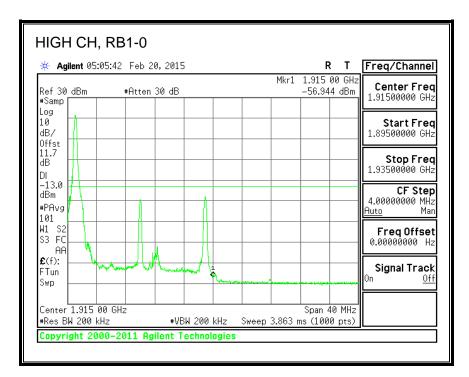




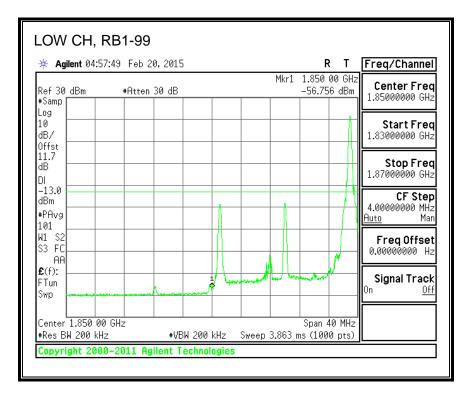
Page 351 of 747

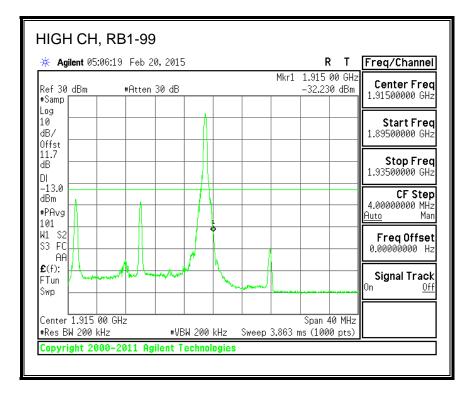
## 16QAM, (20.0 MHz BAND WIDTH)



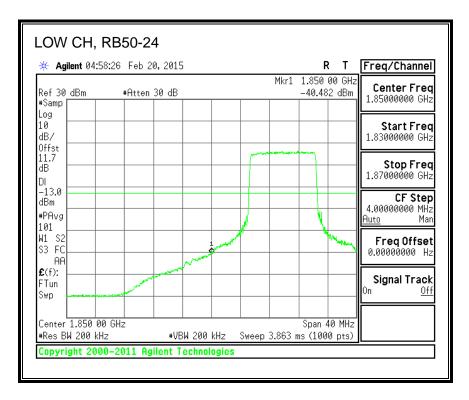


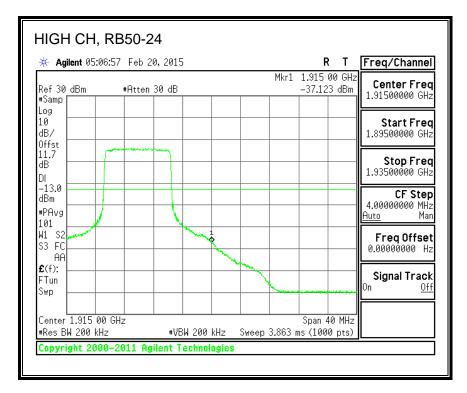
Page 352 of 747



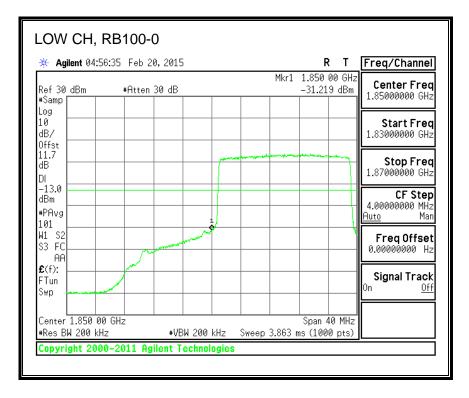


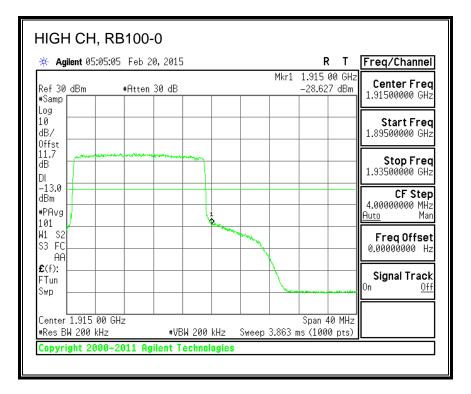
Page 353 of 747





Page 354 of 747

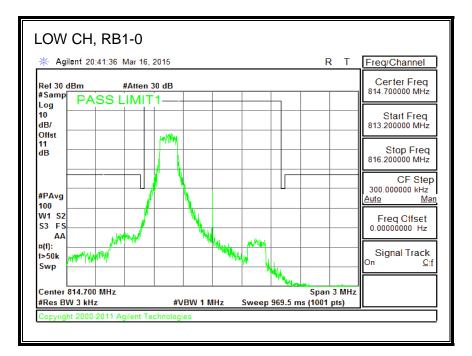


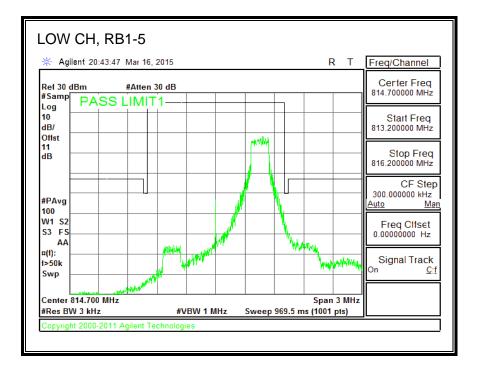


Page 355 of 747

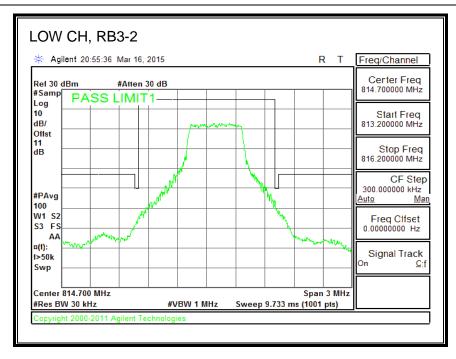
# 8.2.7. LTE BAND 26 EMISSION MASK

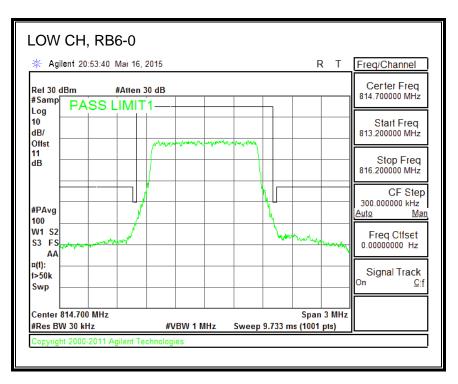
# QPSK, (1.4 MHz BAND WIDTH)



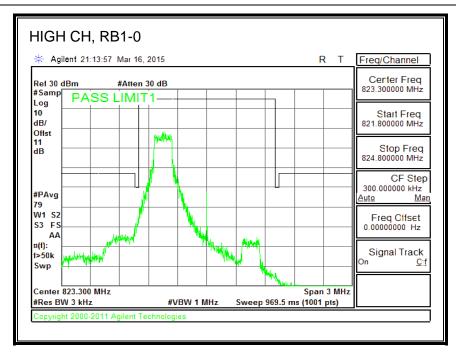


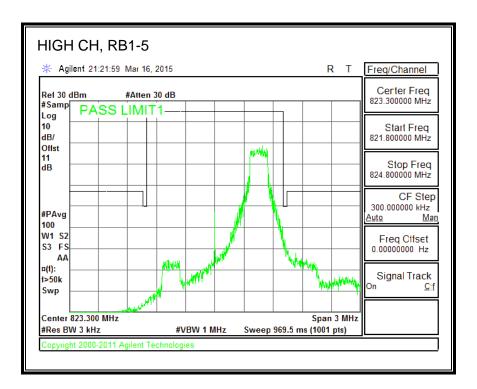
Page 356 of 747



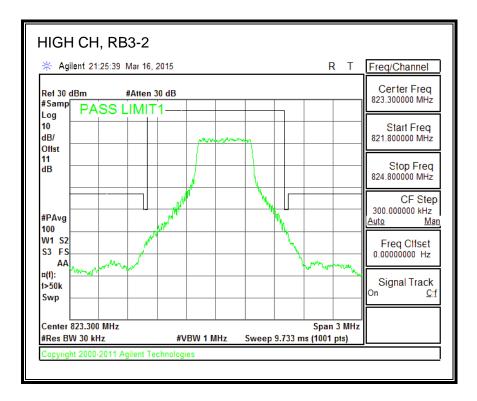


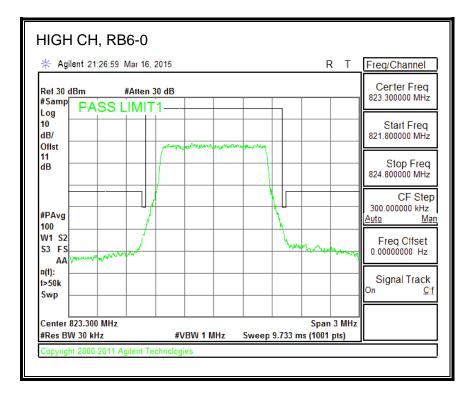
Page 357 of 747





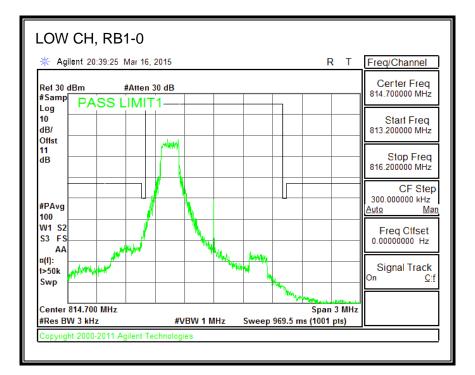
Page 358 of 747

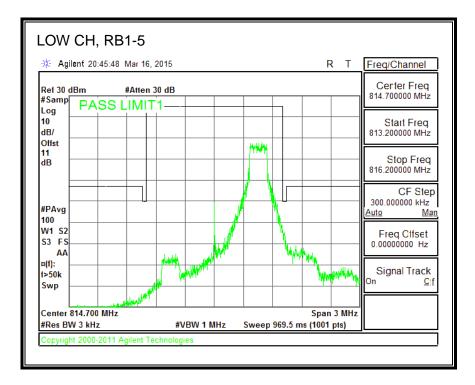




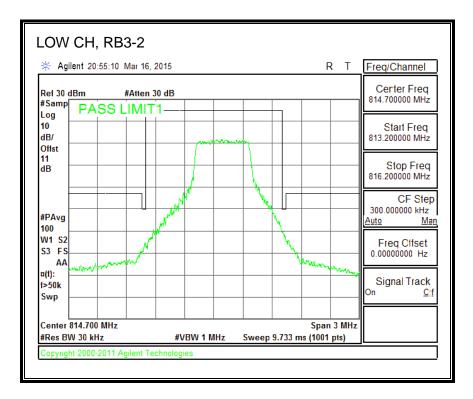
Page 359 of 747

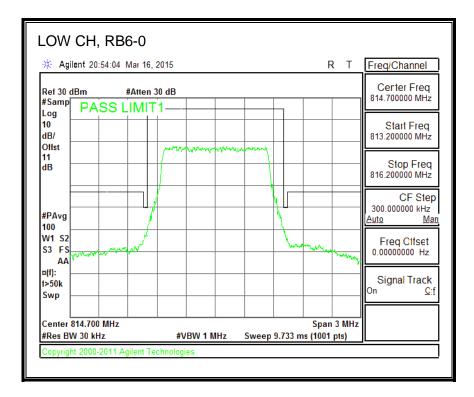
# 16QAM, (1.4 MHz BAND WIDTH)



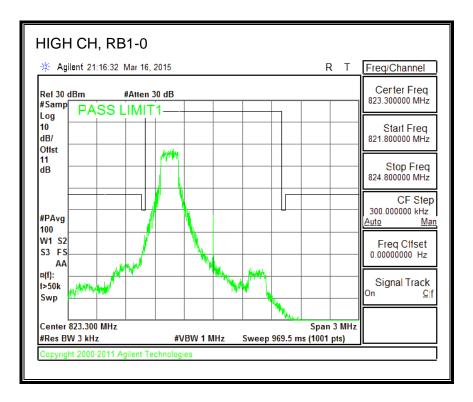


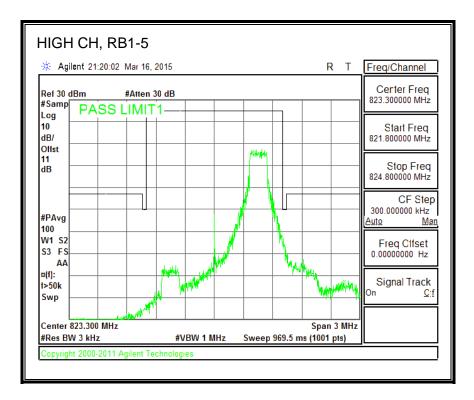
Page 360 of 747



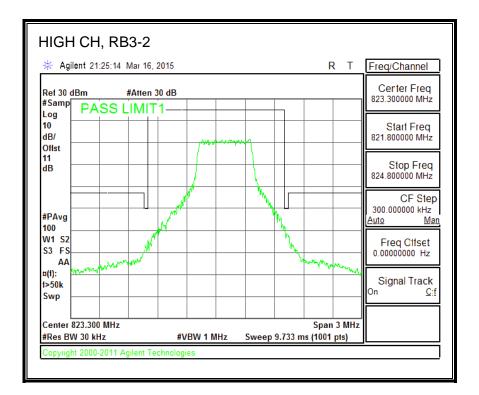


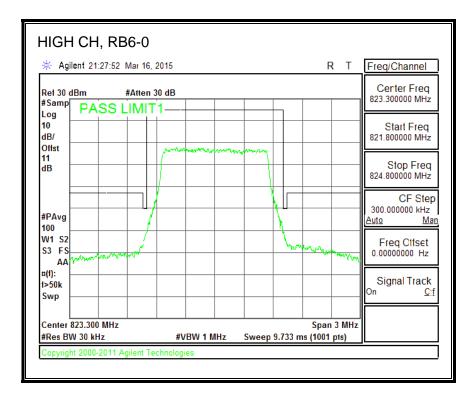
Page 361 of 747





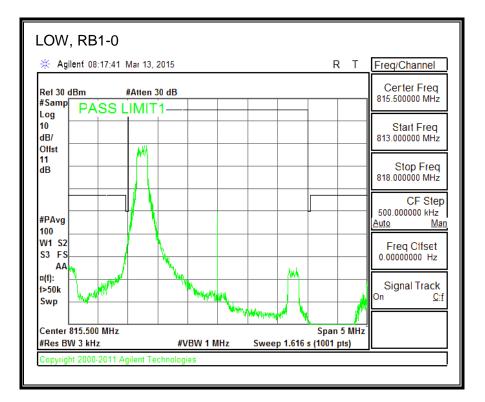
Page 362 of 747

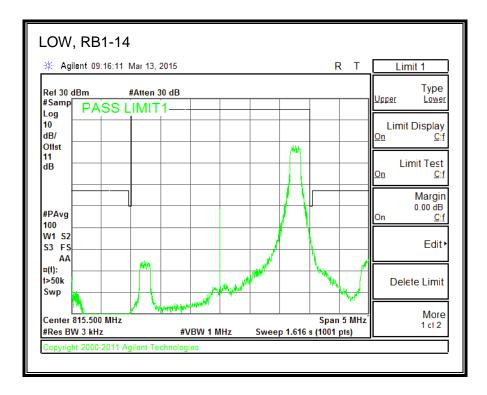




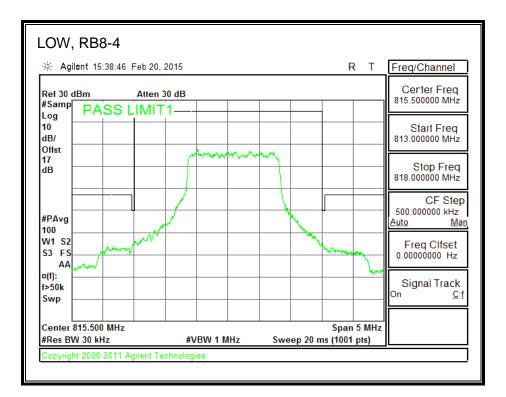
Page 363 of 747

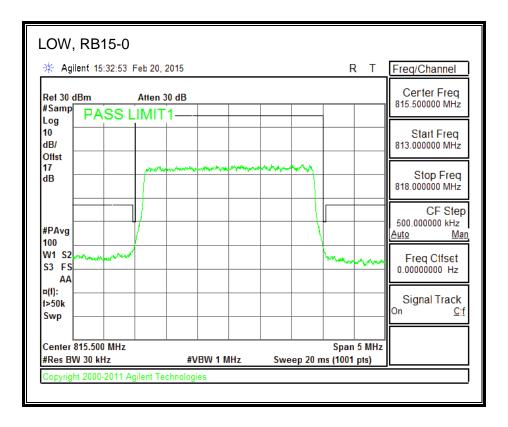
# QPSK, (3.0 MHz BAND WIDTH)



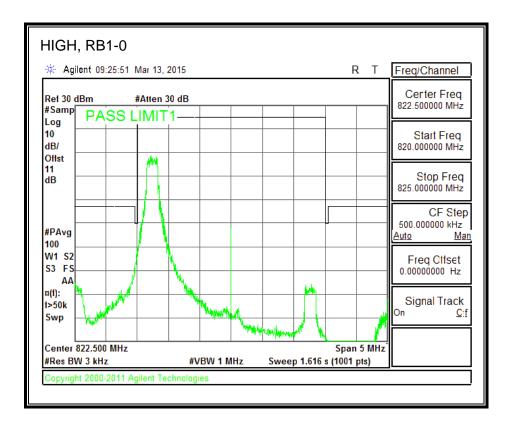


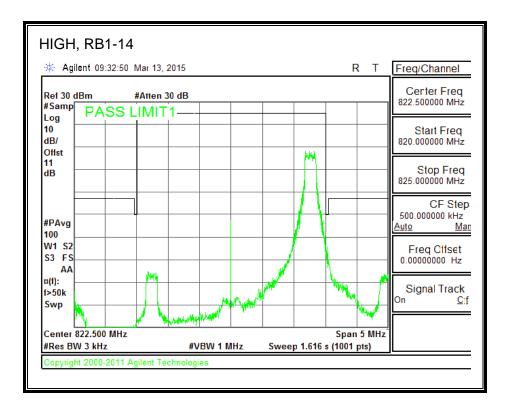
Page 364 of 747



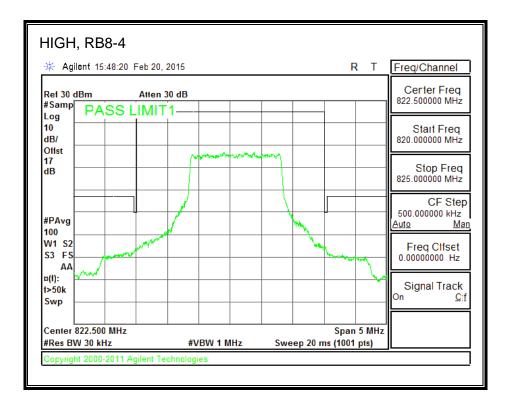


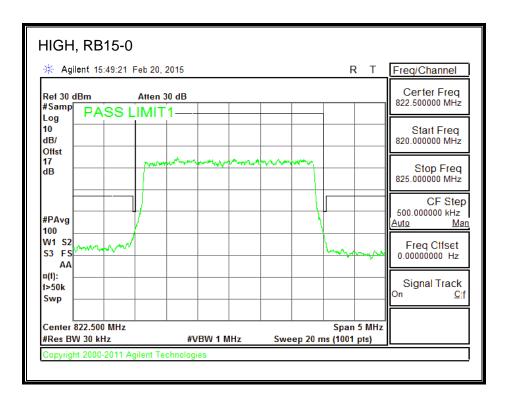
Page 365 of 747





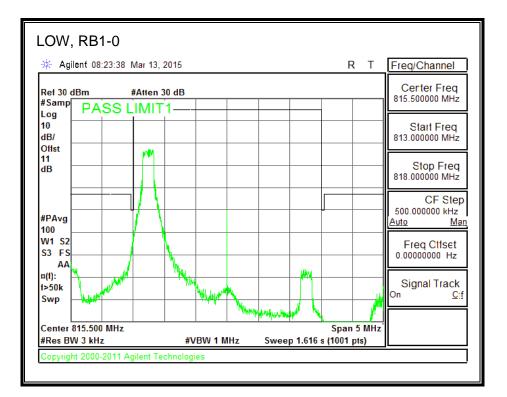
Page 366 of 747

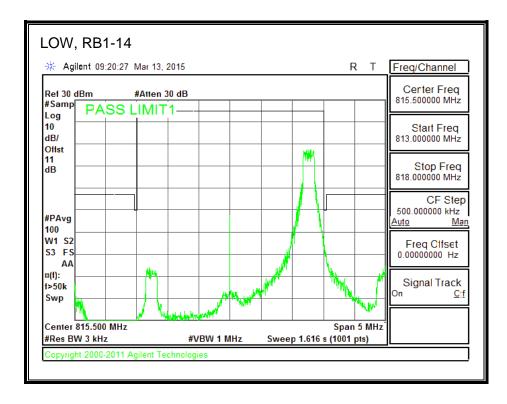




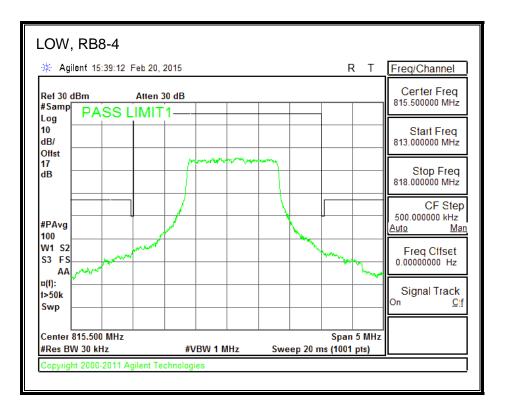
Page 367 of 747

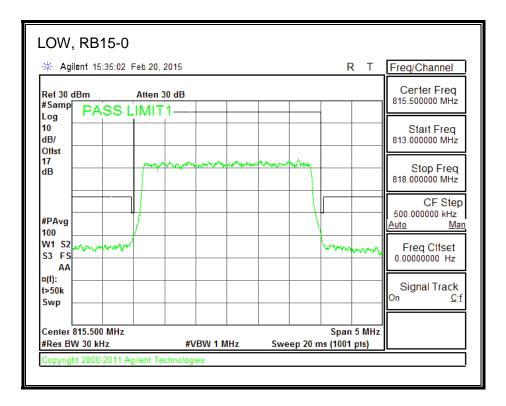
## 16QAM, (3.0 MHz BAND WIDTH)



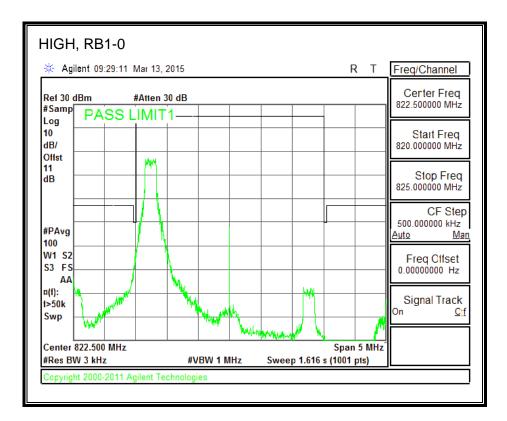


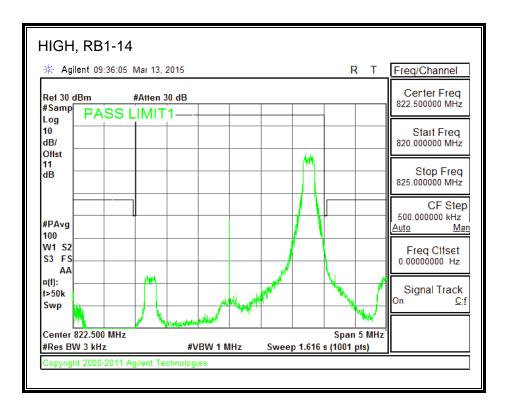
Page 368 of 747



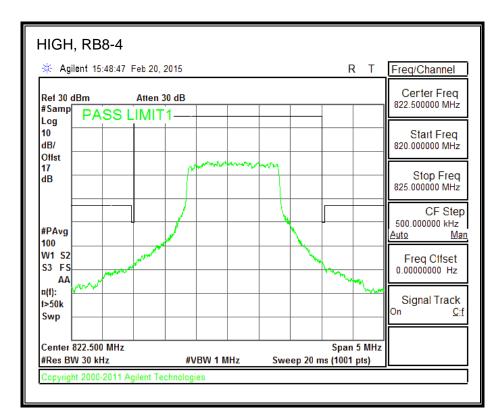


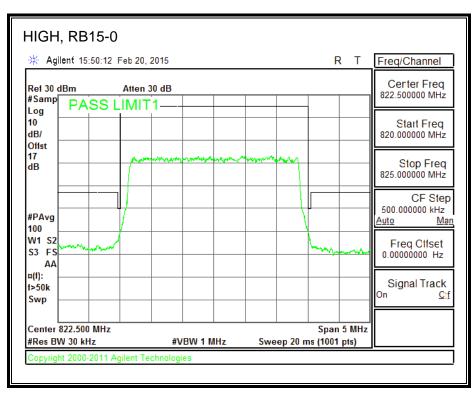
Page 369 of 747





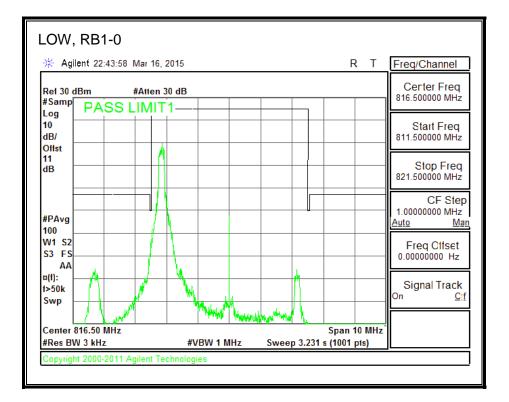
Page 370 of 747

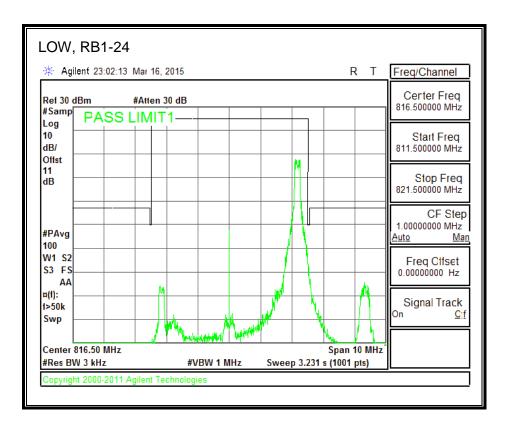




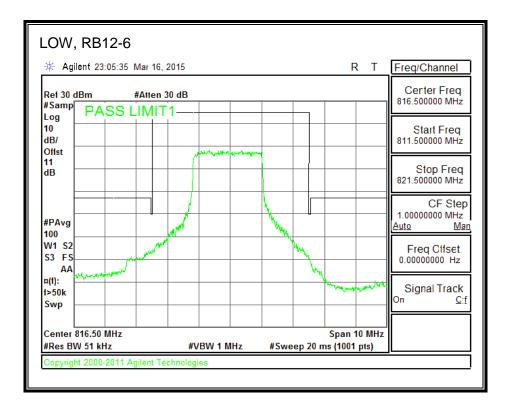
Page 371 of 747

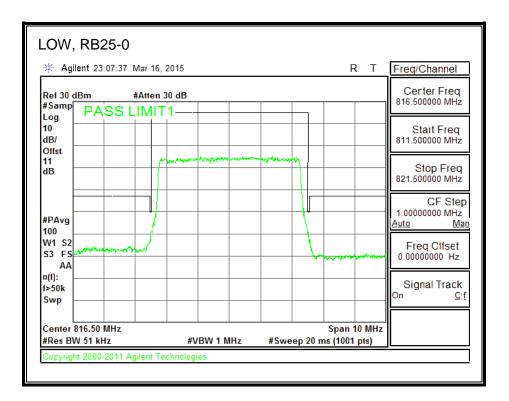
# QPSK, (5.0 MHz BAND WIDTH)



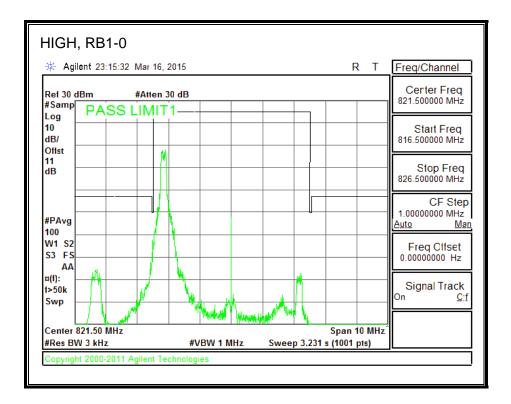


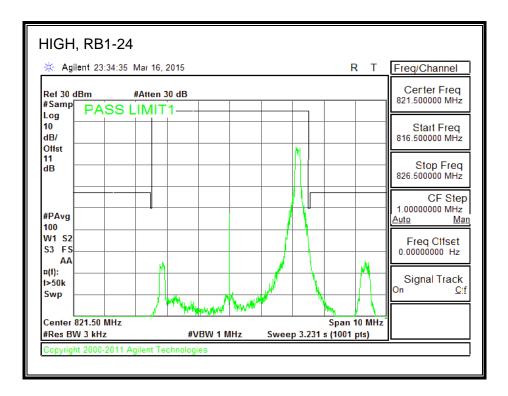
Page 372 of 747



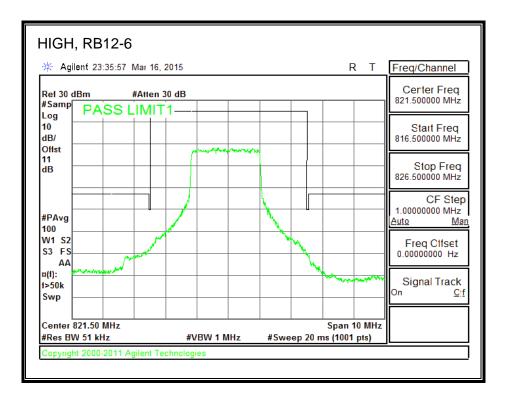


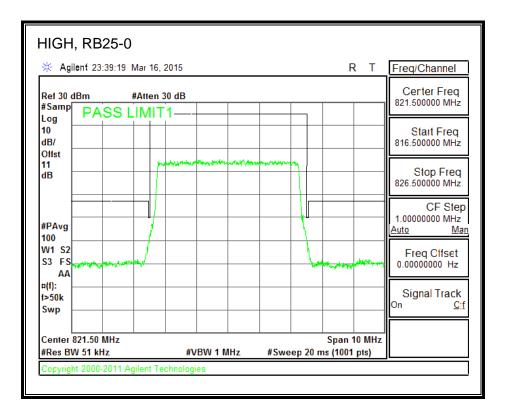
Page 373 of 747





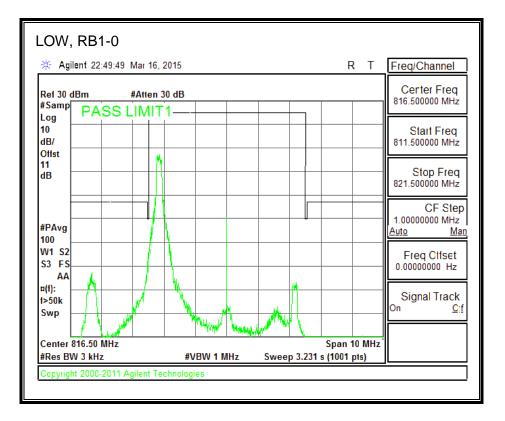
Page 374 of 747

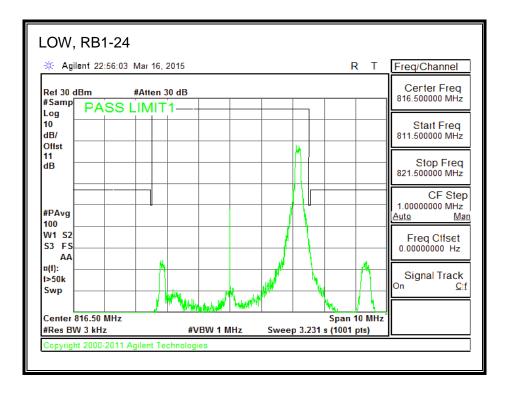




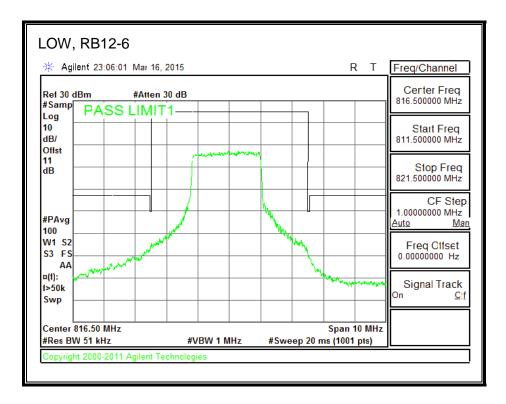
Page 375 of 747

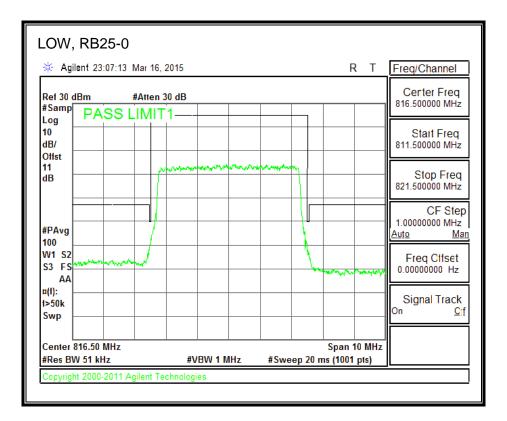
## 16QAM, (5.0 MHz BAND WIDTH)



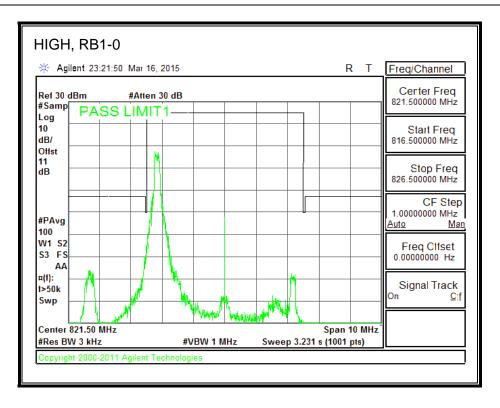


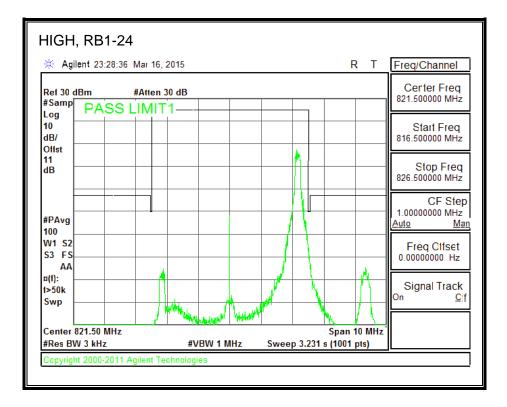
Page 376 of 747



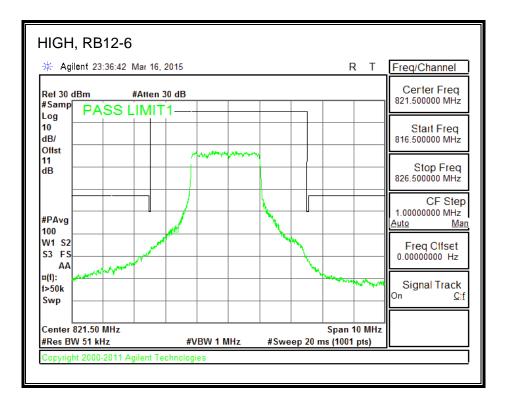


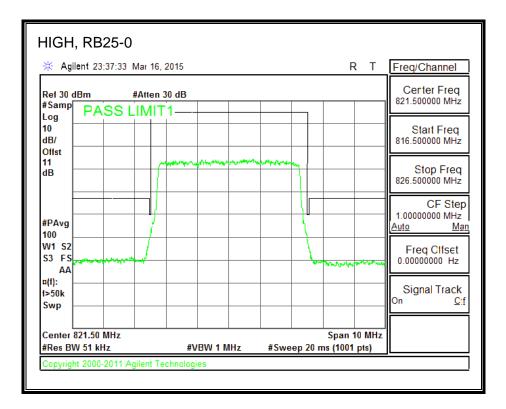
Page 377 of 747





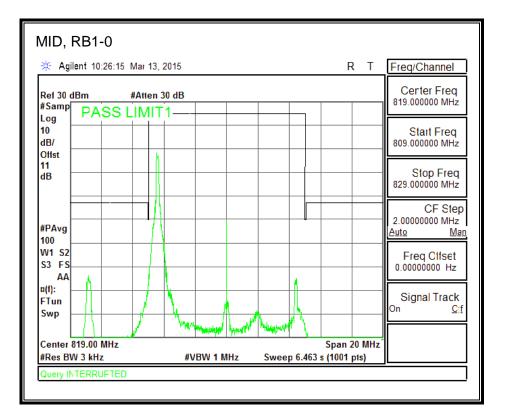
Page 378 of 747

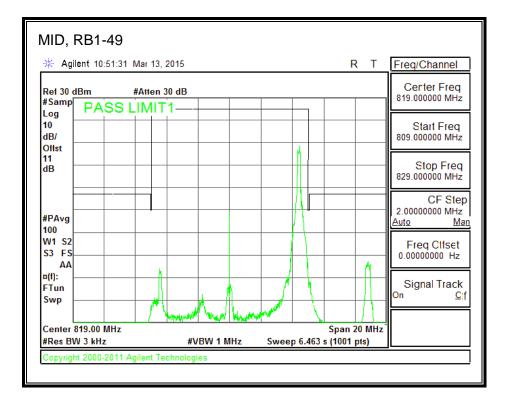




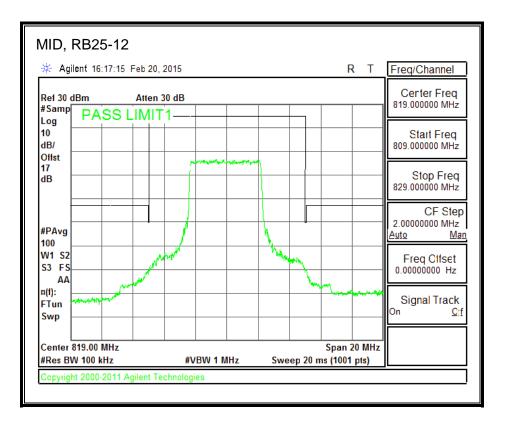
Page 379 of 747

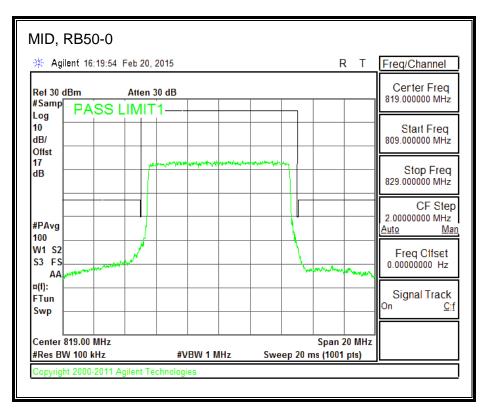
## QPSK, (10.0 MHz BAND WIDTH)





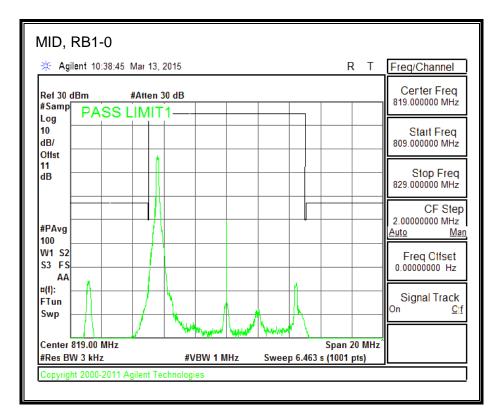
Page 380 of 747

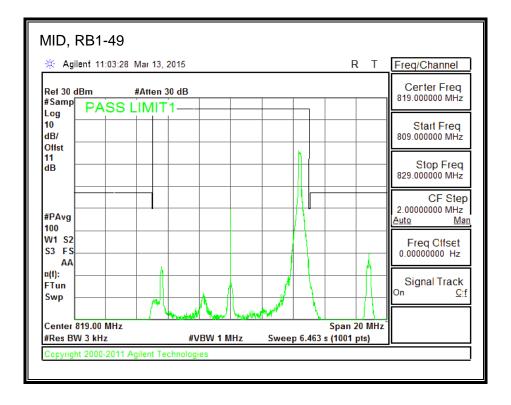




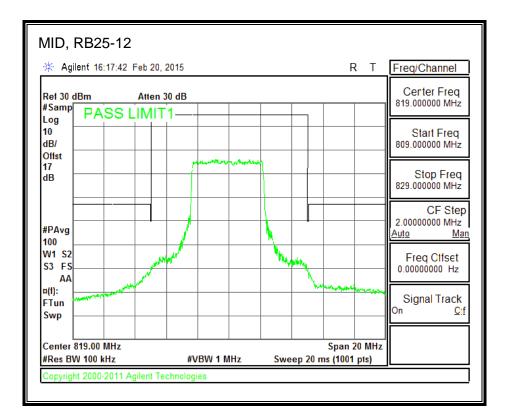
Page 381 of 747

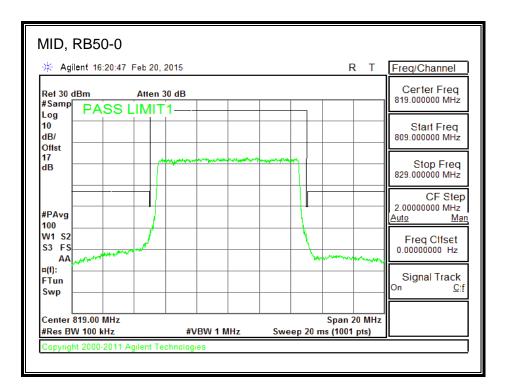
## 16QAM, (10.0 MHz BAND WIDTH)





Page 382 of 747

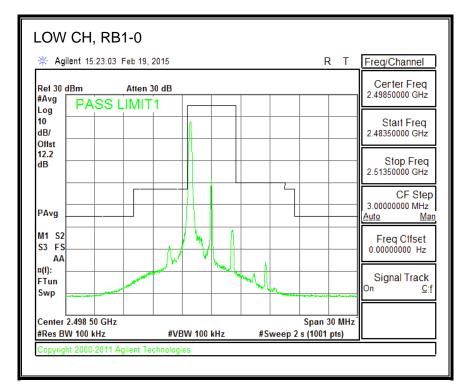


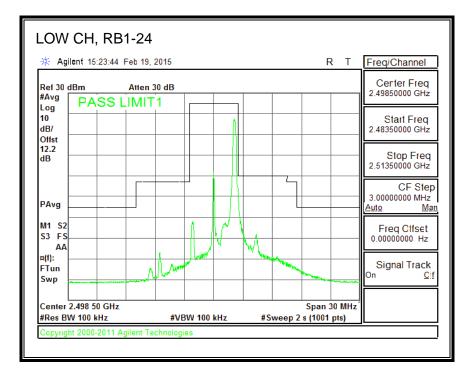


Page 383 of 747

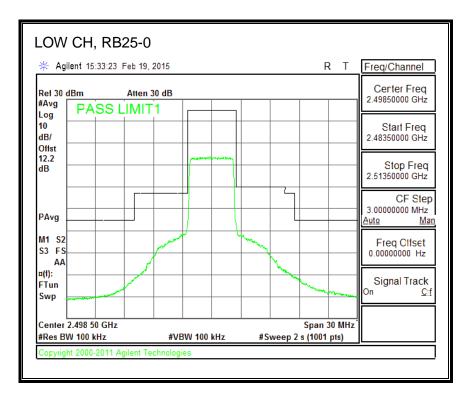
# 8.2.8. LTE BAND 41 EMISSION MASK

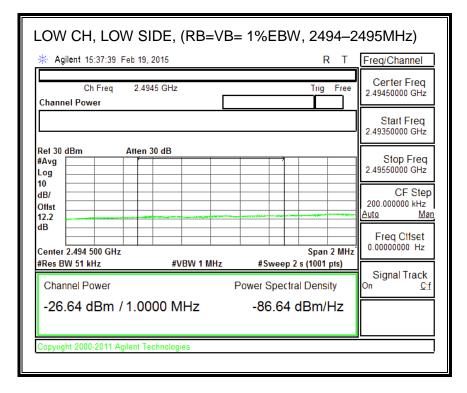
## **QPSK, (5.0 MHz BAND WIDTH)**



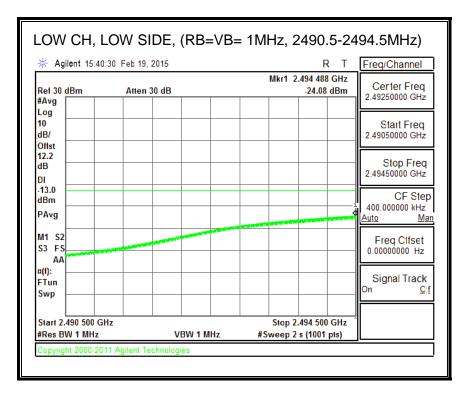


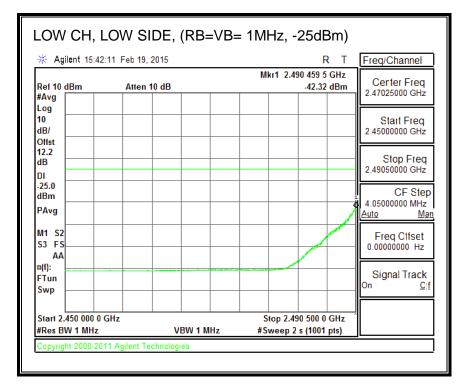
Page 384 of 747





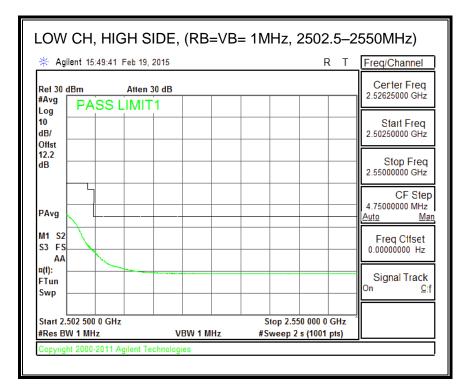
Page 385 of 747



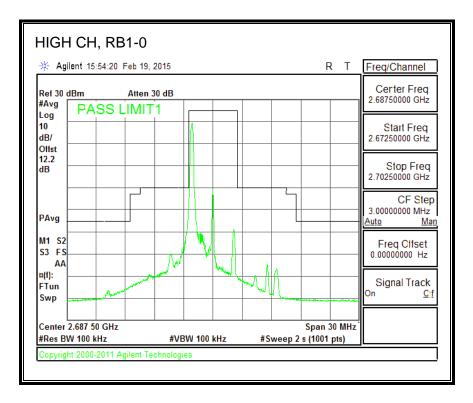


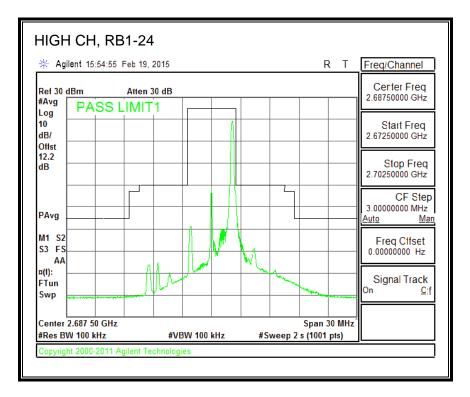
Page 386 of 747

Agilent 15:48:17 Fei	b 19, 2015	R T Freq/Channel
Ch Freq Channel Power	2.5025 GHz	Trig Free Certer Freq 2.50250000 GHz
		Start Freq 2.50150000 GHz
#Avg	tten 30 dB	2.50350000 GHz
10 dB/ Offst 12.2		CF Stej 200.00000 kHz Auto Ma
dB		Span 2 MHz Freq Ctfset
#Res BW 51 kHz	#VBW 1 MH	#Sweep 2 s (1001 pts) Signal Track
Channel Power -26.76 dBm / 1	.0000 MHz	Power Spectral Density On <u>⊆</u> : -86.76 dBm/Hz

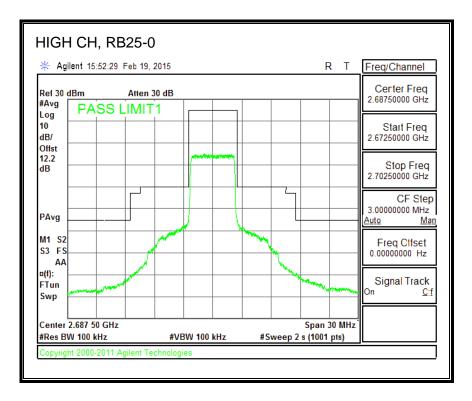


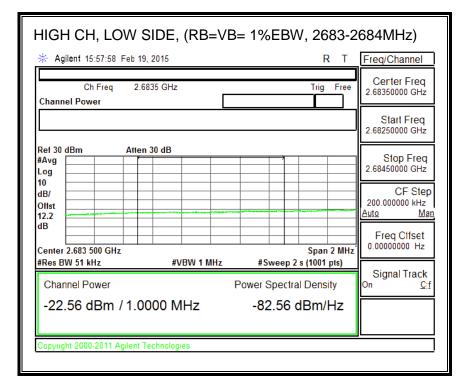
Page 387 of 747



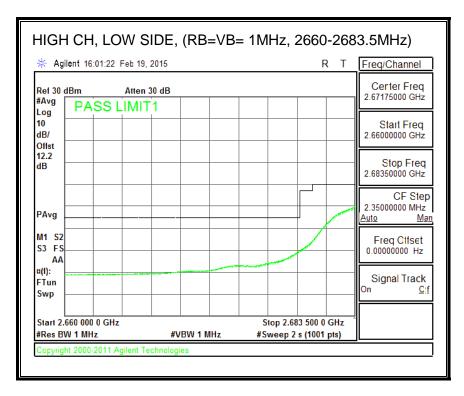


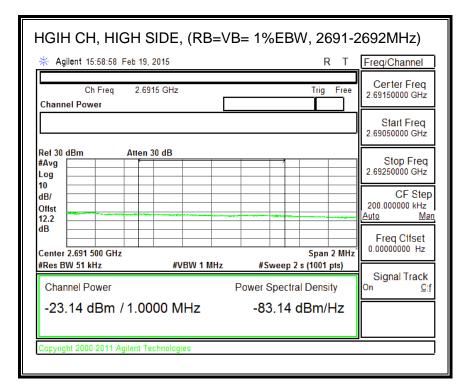
Page 388 of 747





Page 389 of 747



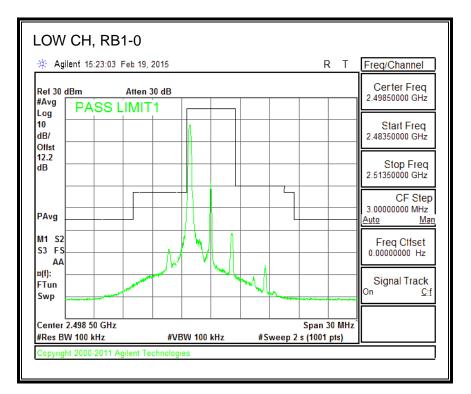


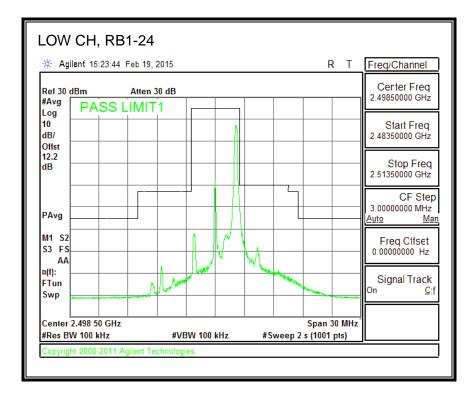
Page 390 of 747

🗧 Agilent 16	02:08 Feb 19	), 2015			R	T Freq/Channel
lef 30 dBm	Atter	1 30 dB				Certer Freq
Avg og PASS LIMIT1						
0 IB/						Start Freq 2.69150000 GHz
2.2 IB						Stop Freq 2.72000000 GHz
PAvg						CF Ste 2.85000000 MHz <u>Auto Ma</u>
11 S2 53 FS AA						Freq Clfset
(f): Tun Swp					· · · · · · · · · · · · · · · · · · ·	Signal Track
Gtart 2.691 500 Res BW 1 MH		#VBW	1 MHz		.720 000 0 GH 2 s (1001 pts)	

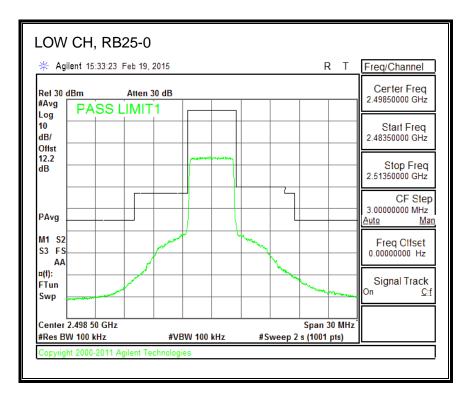
Page 391 of 747

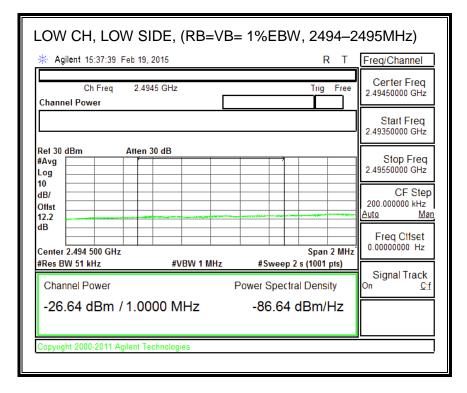
### 16QAM, (5.0 MHz BAND WIDTH)



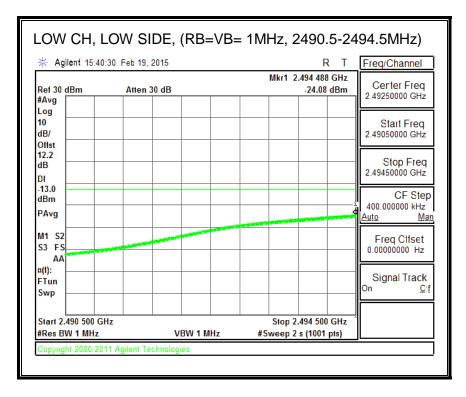


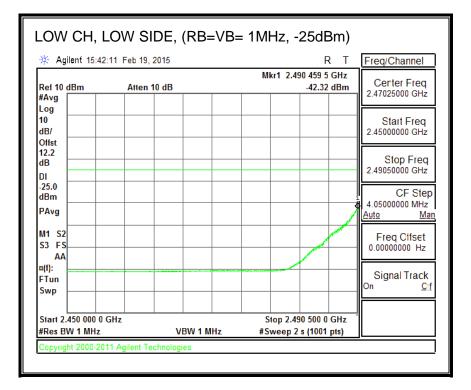
Page 392 of 747





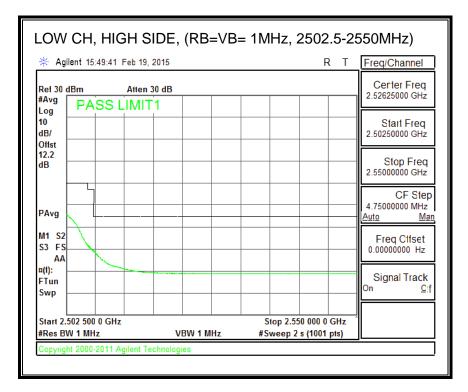
Page 393 of 747



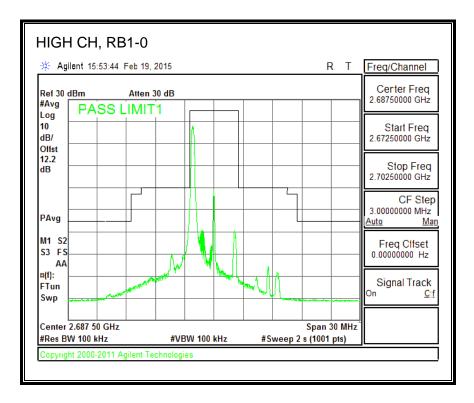


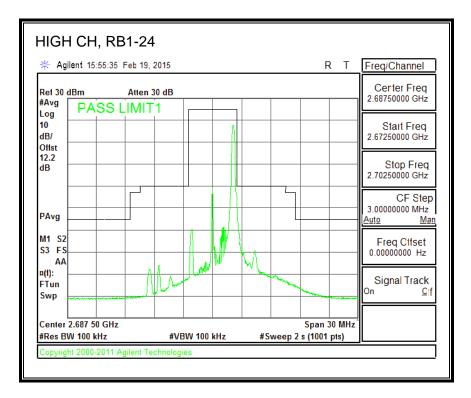
Page 394 of 747

🔆 Agilent 15:48:17 Fet	19, 2015	R T	Freq/Channel
Ch Freq Channel Power	2.5025 GHz	Trig Free	Certer Freq 2.50250000 GHz
			Start Freq 2.50150000 GHz
#Avg	ten 30 dB		Stop Freq 2.50350000 GHz
10 dB/ Offst 12.2			CF Step 200.000000 kHz <u>Auto Ma</u>
dB		Span 2 MH	Freq Clfset 0.00000000 Hz
#Res BW 51 kHz	#VBW 1 MHz	#Sweep 2 s (1001 pts)	Signal Track
Channel Power -26.76 dBm / 1	.0000 MHz	Power Spectral Density -86.76 dBm/Hz	<u>On <u>C</u>:</u>

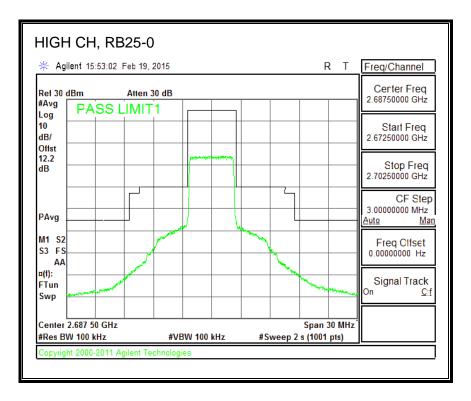


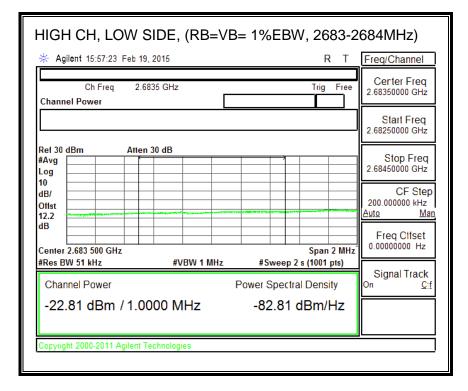
Page 395 of 747



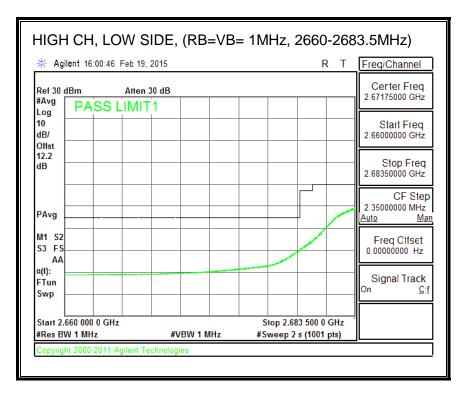


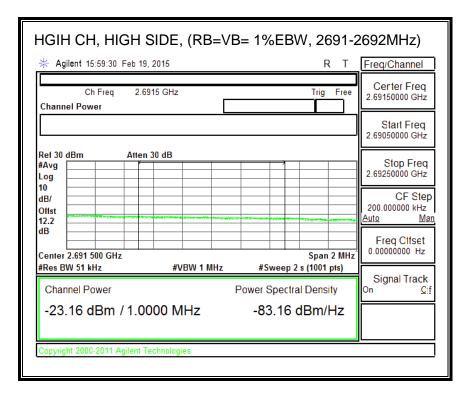
Page 396 of 747





Page 397 of 747



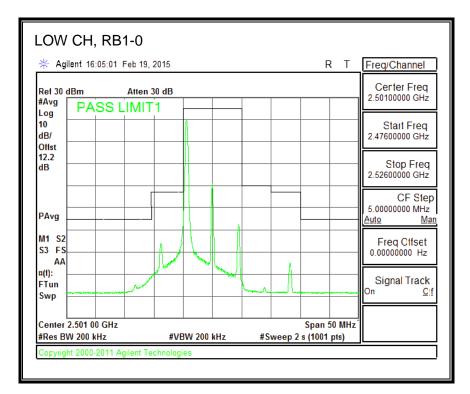


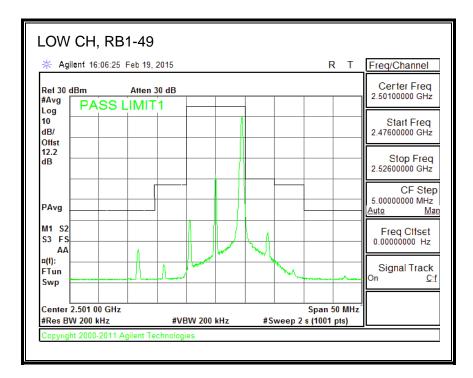
Page 398 of 747

✤ Agilent 16:02:31 Feb 19, 2		= 1MHz, 2691.5–: к т	Freq/Channel
Rel 30 dBm Atten 30 #Avg DACC LINALT			Center Freq 2.70575000 GHz
HAVG PASS LIMIT			Start Freq 2.69150000 GHz
dB			Stop Freq 2.72000000 GHz
PAvg			CF Step 2.85000000 MHz <u>Auto Ma</u>
M1 S2 S3 FS AA			Freq Clfset 0.00000000 Hz
¤(f): FTun Swp			Signal Track On <u>Cif</u>
Start 2.691 500 0 GHz #Res BW 1 MHz	#VBW 1 MHz	Stop 2.720 000 0 GHz #Sweep 2 s (1001 pts)	

Page 399 of 747

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





Page 400 of 747