

Appendix D: Test Data for E-UTRA Band 5

Product Name: TD-LTE/LTE FDD/WLAN terminal

Trade Mark: N/A

Test Model: Mini11

Environmental Conditions

Temperature:	22.7° C
Relative Humidity:	53.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	Li Huan

D.1 Conducted Output Power

Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]		Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	22.26	21.40	PASS
		1	3	22.15	21.57	PASS
		1	5	21.99	21.43	PASS
		3	0	22.07	21.06	PASS
		3	2	22.15	21.19	PASS
		3	3	22.14	21.19	PASS
		6	0	21.12	19.81	PASS
	MCH	1	0	23.02	22.49	PASS
		1	3	23.16	22.58	PASS
		1	5	23.12	22.40	PASS
		3	0	23.14	22.32	PASS
		3	2	23.31	22.43	PASS
		3	3	23.12	22.38	PASS
		6	0	22.08	21.21	PASS
	HCH	1	0	22.51	21.55	PASS
		1	3	22.62	21.42	PASS
		1	5	22.57	21.49	PASS
		3	0	22.46	21.68	PASS
		3	2	22.31	21.50	PASS
		3	3	22.22	21.50	PASS
		6	0	21.33	20.44	PASS

Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	21.81	21.07	PASS
		1	7	21.84	21.57	PASS
		1	14	22.26	21.77	PASS
		8	0	21.05	20.10	PASS
		8	4	20.98	19.83	PASS
		8	7	21.19	19.79	PASS
		15	0	21.14	20.29	PASS
	MCH	1	0	22.85	22.14	PASS
		1	7	23.15	22.60	PASS
		1	14	23.21	22.62	PASS
		8	0	22.01	20.61	PASS
		8	4	22.10	20.73	PASS
		8	7	22.09	21.20	PASS
		15	0	22.00	21.10	PASS
	HCH	1	0	22.53	22.36	PASS
		1	7	22.29	21.83	PASS
		1	14	22.17	21.47	PASS
		8	0	21.55	20.88	PASS
		8	4	21.40	20.76	PASS
		8	7	21.26	20.34	PASS
		15	0	21.48	20.53	PASS

Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	21.75	20.22	PASS
		1	12	22.37	20.30	PASS
		1	24	22.23	21.05	PASS
		12	0	20.98	19.73	PASS
		12	6	21.02	19.97	PASS
		12	13	21.31	20.15	PASS
		25	0	21.07	20.23	PASS
	MCH	1	0	22.87	21.88	PASS
		1	12	23.28	21.75	PASS
		1	24	23.32	22.03	PASS
		12	0	21.87	20.79	PASS
		12	6	22.05	21.21	PASS
		12	13	22.06	20.98	PASS
		25	0	21.89	21.05	PASS
	HCH	1	0	22.78	21.20	PASS
		1	12	22.75	20.97	PASS
		1	24	22.02	20.85	PASS
		12	0	21.73	20.83	PASS
		12	6	21.57	20.51	PASS
		12	13	21.62	20.67	PASS
		25	0	21.70	20.77	PASS

Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	21.78	21.10	PASS
		1	24	22.67	22.10	PASS
		1	49	22.66	22.07	PASS
		25	0	21.19	20.23	PASS
		25	12	21.37	20.31	PASS
		25	25	21.76	20.56	PASS
		50	0	21.37	20.37	PASS
	MCH	1	0	22.70	22.07	PASS
		1	24	23.20	22.60	PASS
		1	49	22.98	22.84	PASS
		25	0	21.90	20.91	PASS
		25	12	22.00	21.07	PASS
		25	25	22.24	21.36	PASS
		50	0	22.20	20.80	PASS
	HCH	1	0	23.09	21.99	PASS
		1	24	23.17	21.68	PASS
		1	49	22.12	20.74	PASS
		25	0	22.36	21.34	PASS
		25	12	22.02	21.07	PASS
		25	25	21.77	20.90	PASS
		50	0	21.90	21.00	PASS

D.2 Peak-to-Average Ratio

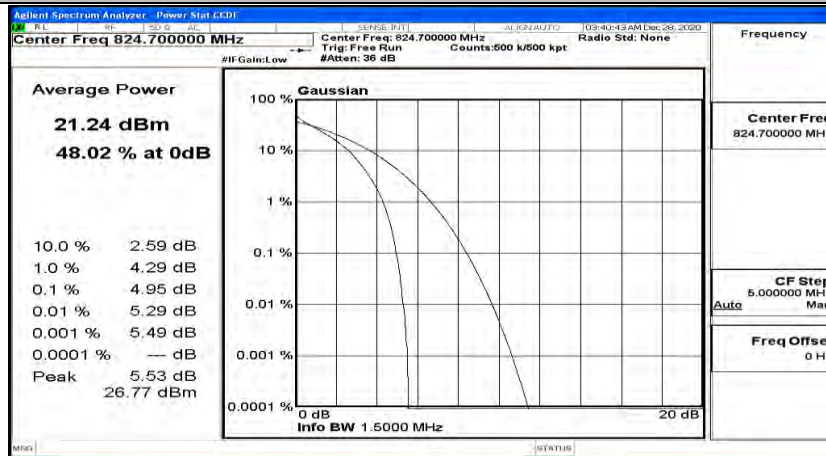
Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.95	<13	PASS
	MCH	4.2	<13	PASS
	HCH	3.58	<13	PASS
16QAM	LCH	5.82	<13	PASS
	MCH	5.15	<13	PASS
	HCH	4.3	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.16	<13	PASS
	MCH	4.5	<13	PASS
	HCH	4.12	<13	PASS
16QAM	LCH	5.88	<13	PASS
	MCH	5.28	<13	PASS
	HCH	4.95	<13	PASS

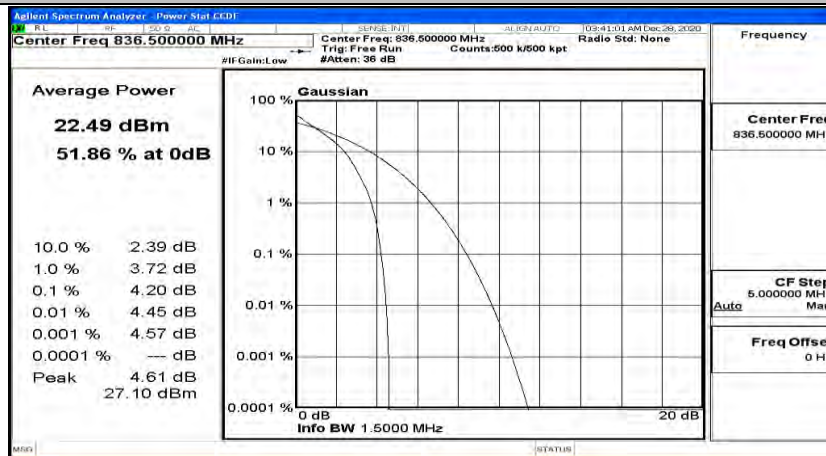
Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.03	<13	PASS
	MCH	4.45	<13	PASS
	HCH	4.36	<13	PASS
16QAM	LCH	5.78	<13	PASS
	MCH	5.29	<13	PASS
	HCH	5.22	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.89	<13	PASS
	MCH	4.59	<13	PASS
	HCH	4.71	<13	PASS
16QAM	LCH	5.74	<13	PASS
	MCH	5.32	<13	PASS
	HCH	5.57	<13	PASS

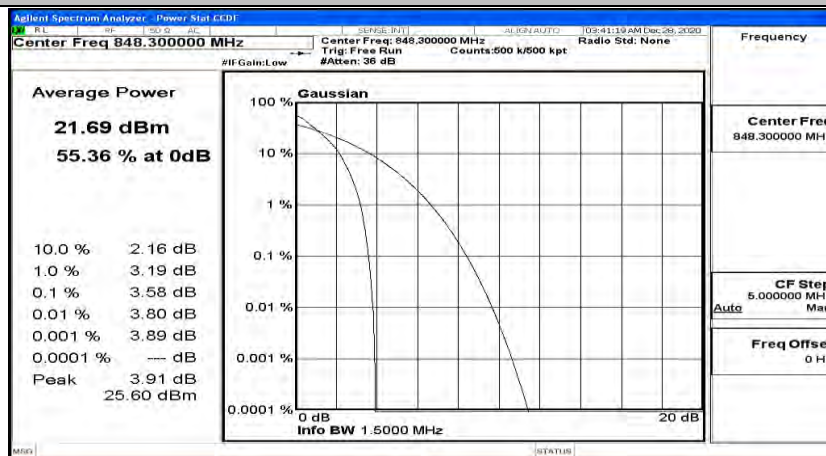
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



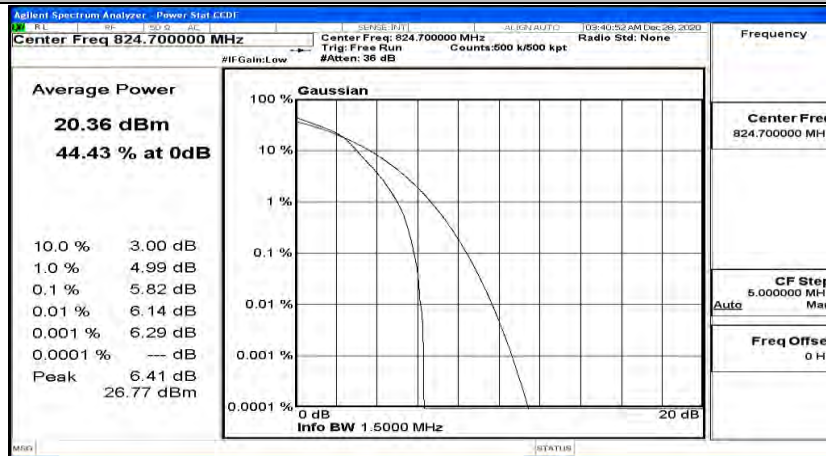
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



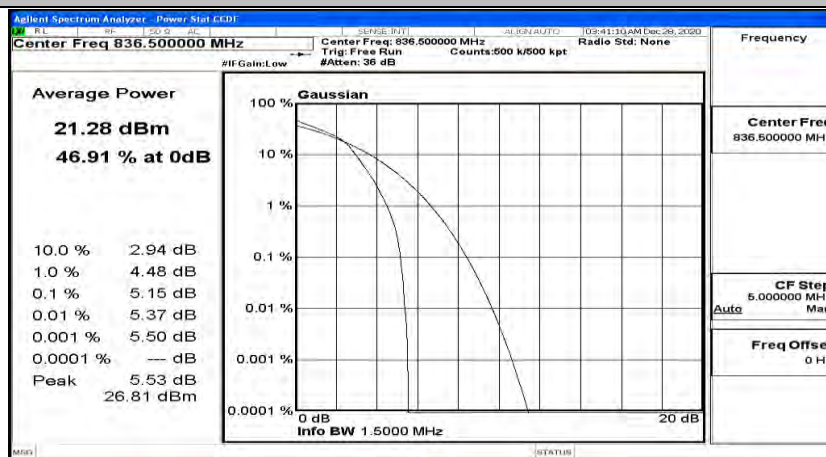
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



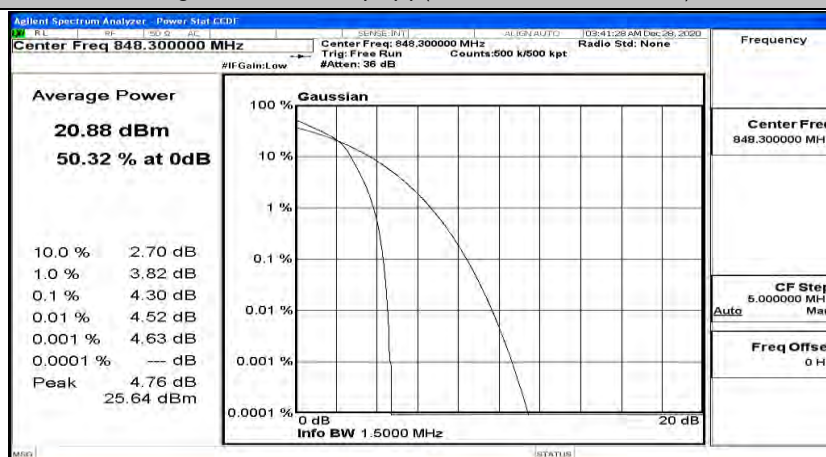
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



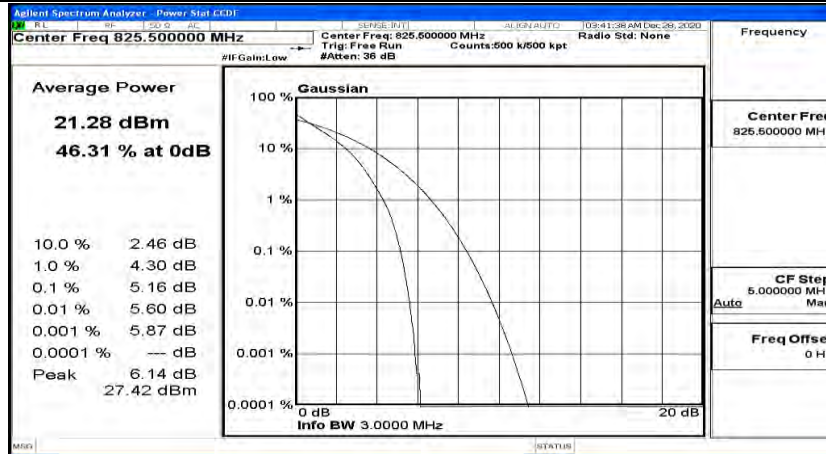
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



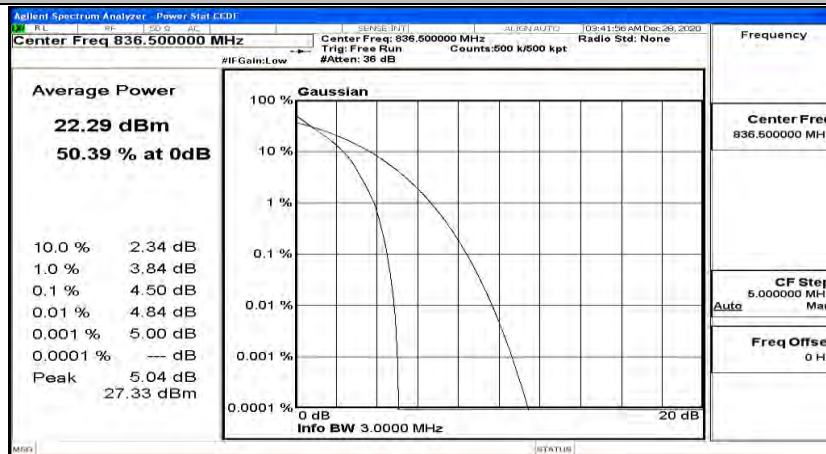
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



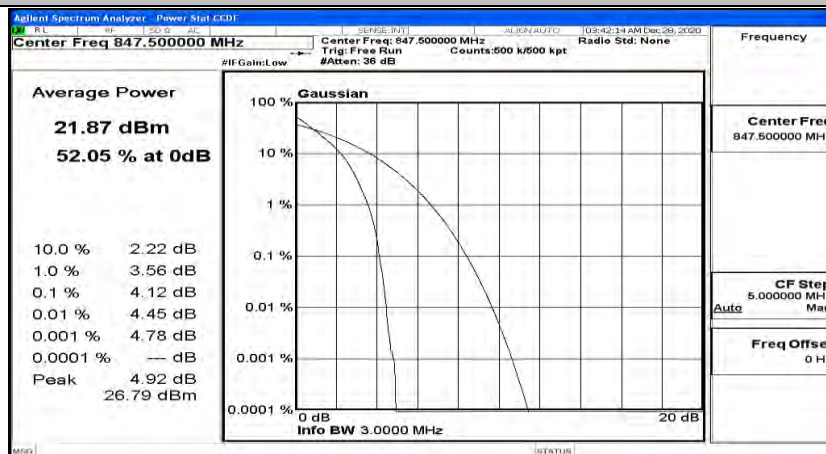
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



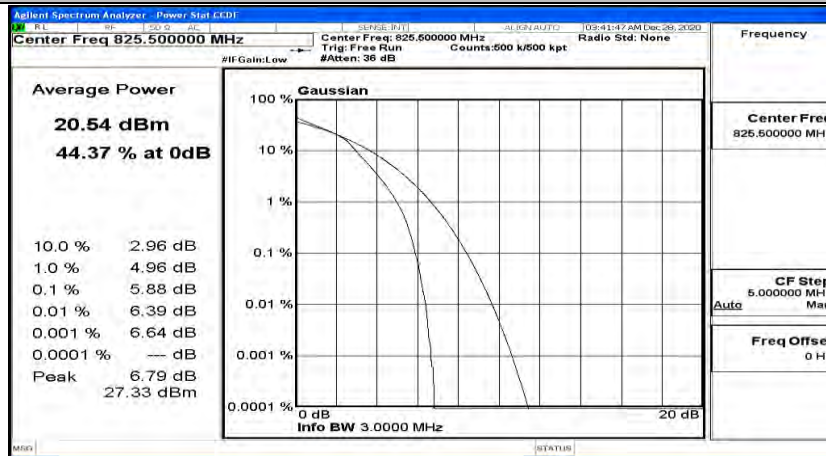
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



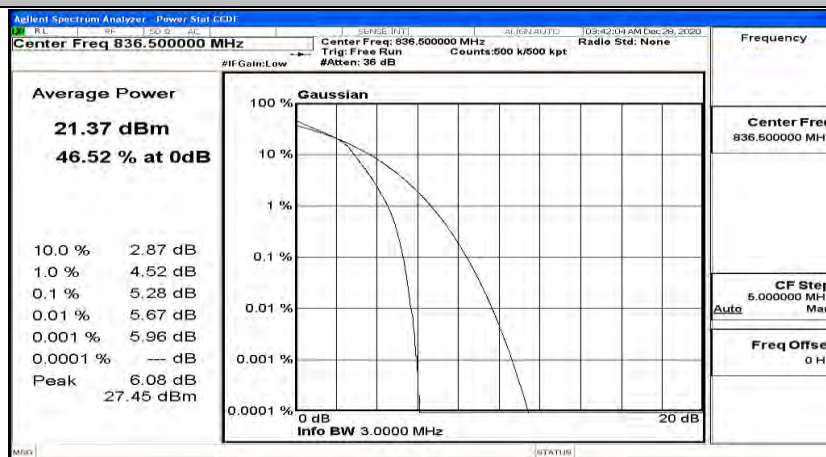
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



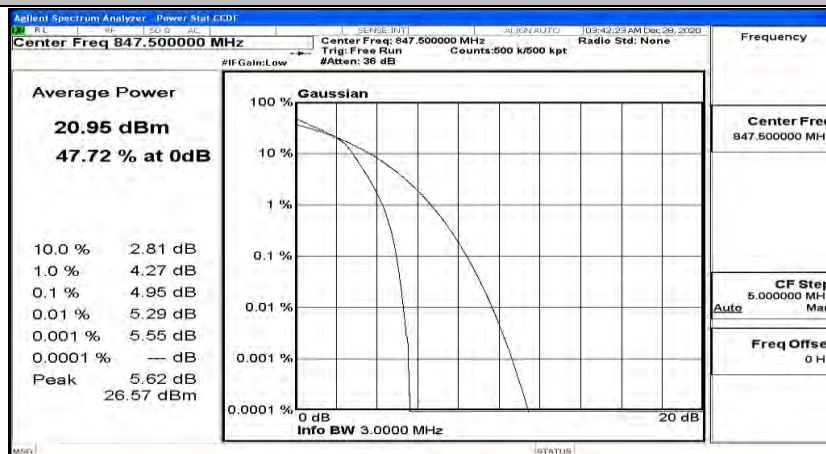
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



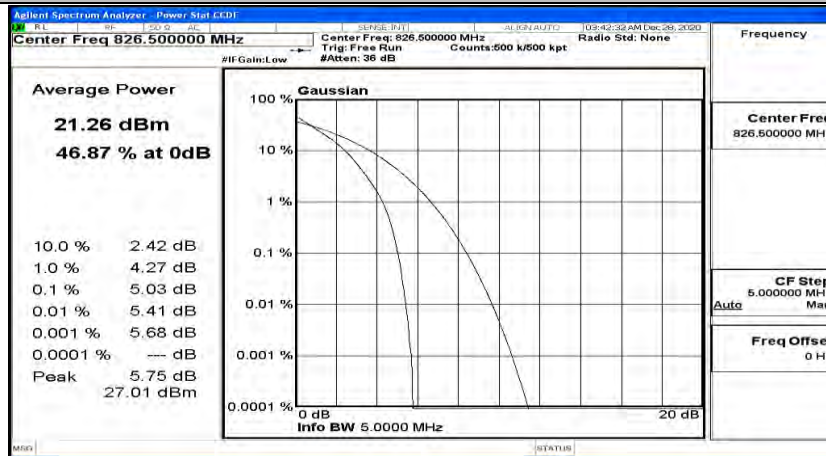
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



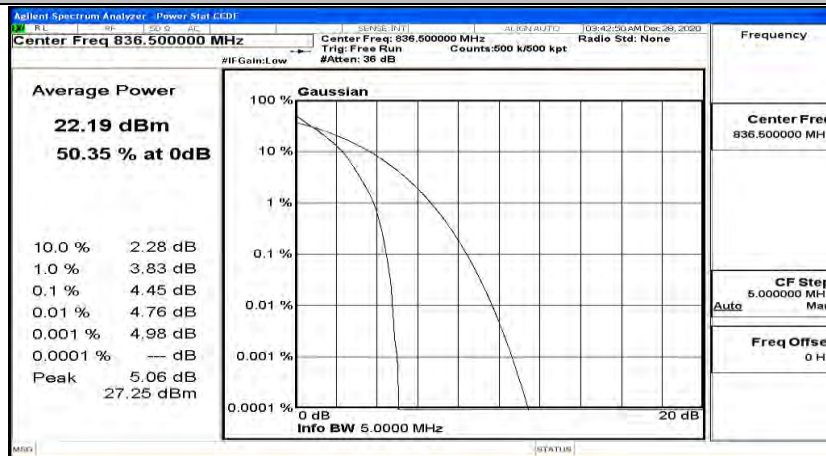
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



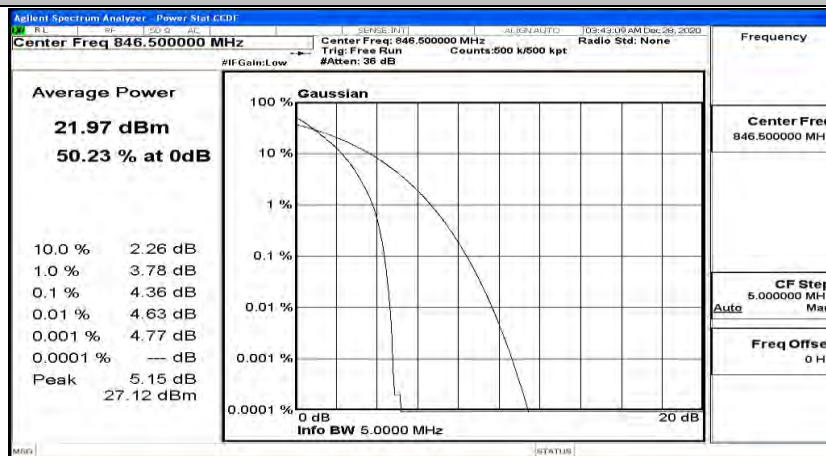
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



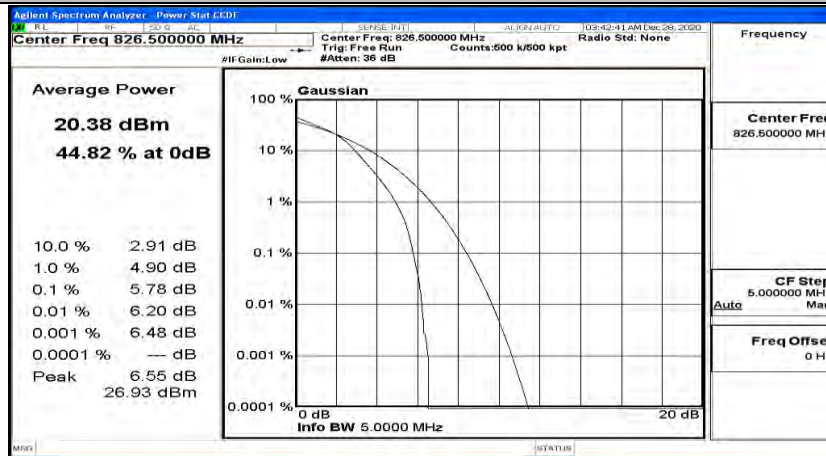
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



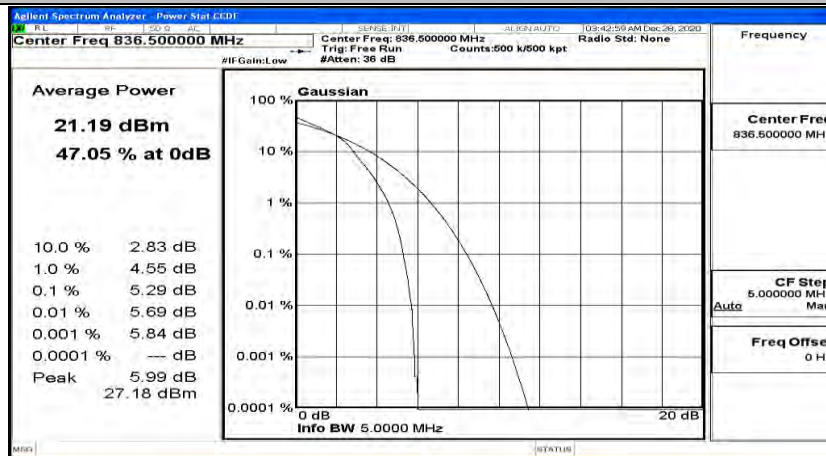
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



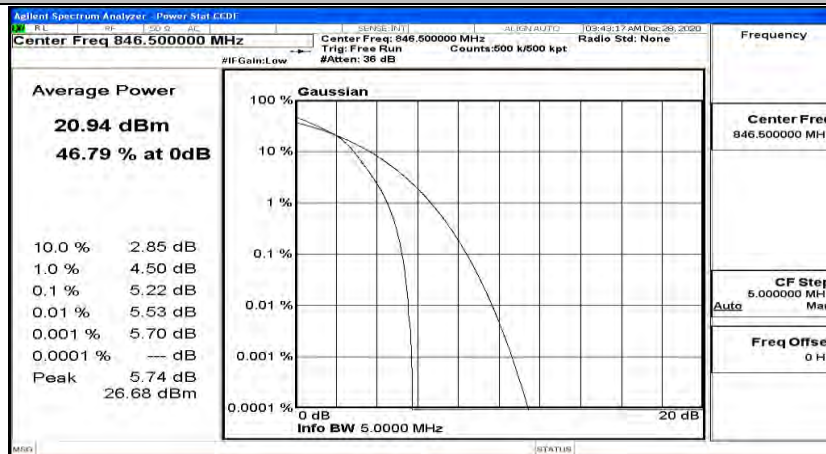
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



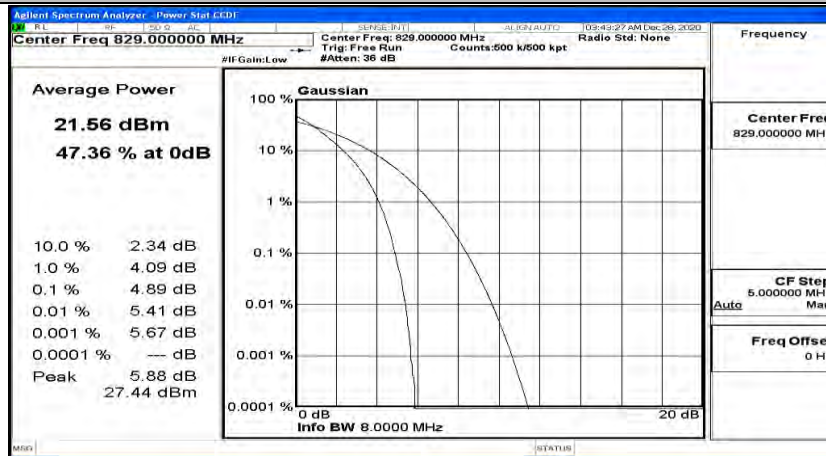
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



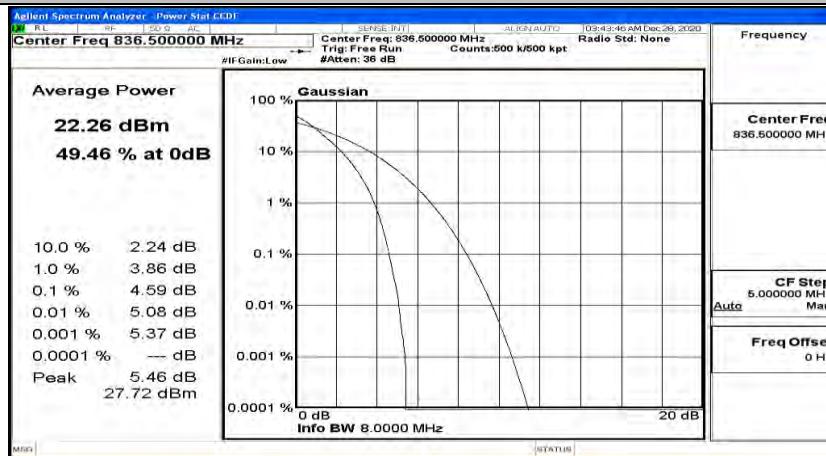
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



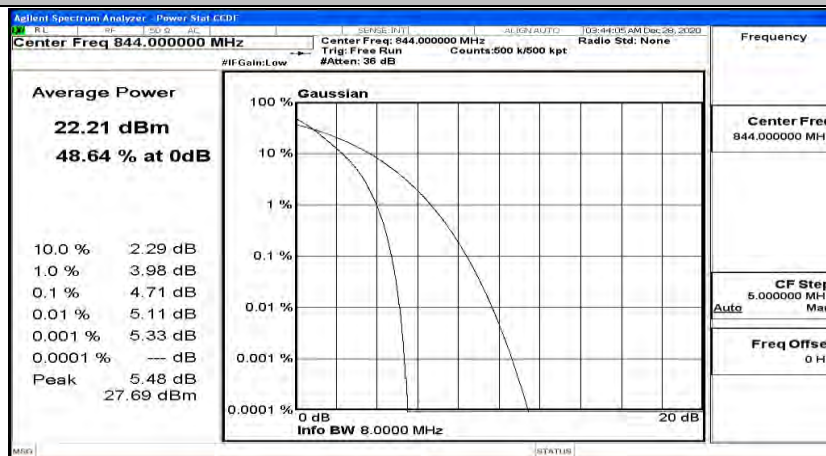
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



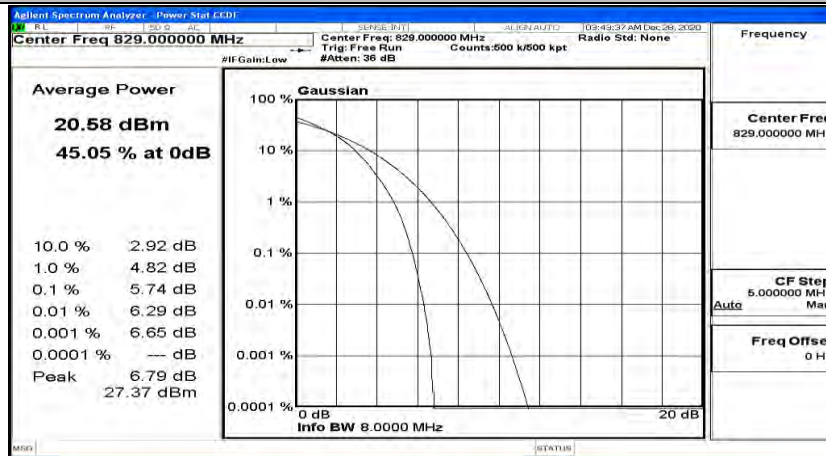
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



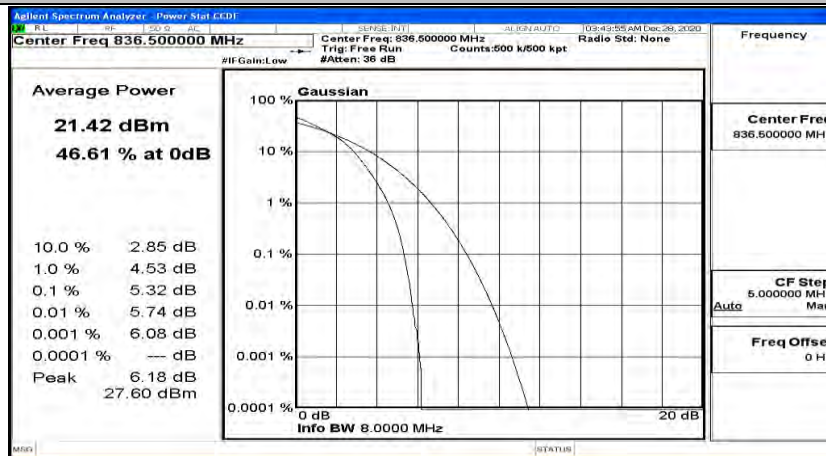
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



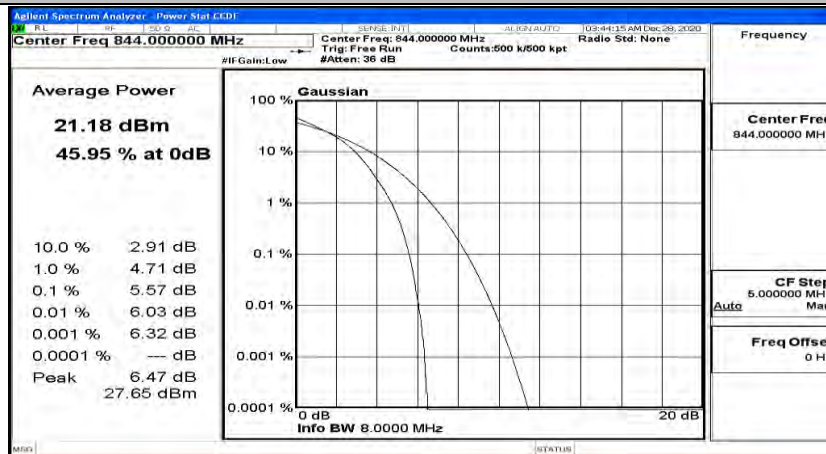
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



D.3 26dB Bandwidth and Occupied Bandwidth

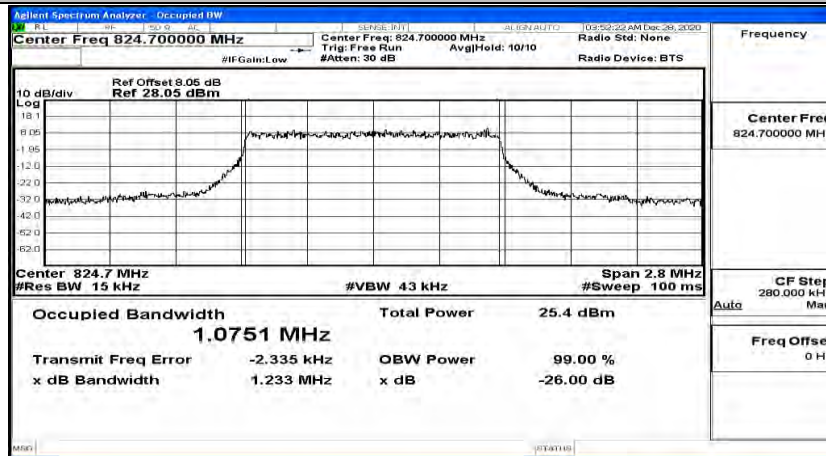
EBW & OBW Test Result (Channel Bandwidth: 1.4 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	1.0751	1.233	PASS
	MCH	1.0788	1.236	PASS
	HCH	1.0819	1.356	PASS
16QAM	LCH	1.0795	1.246	PASS
	MCH	1.0790	1.246	PASS
	HCH	1.0813	1.370	PASS

EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6806	2.897	PASS
	MCH	2.6836	2.904	PASS
	HCH	2.6850	2.892	PASS
16QAM	LCH	2.6851	2.908	PASS
	MCH	2.6861	2.902	PASS
	HCH	2.6808	2.899	PASS

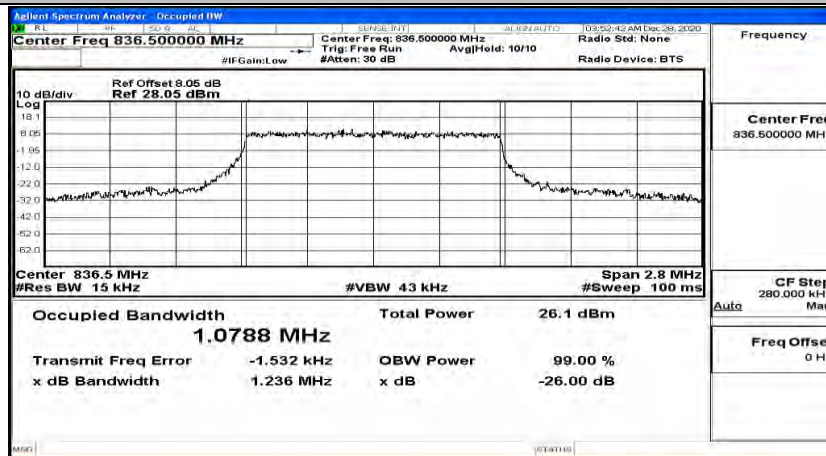
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4725	4.818	PASS
	MCH	4.4643	4.824	PASS
	HCH	4.4715	4.772	PASS
16QAM	LCH	4.4786	4.824	PASS
	MCH	4.4671	4.745	PASS
	HCH	4.4660	4.835	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9162	9.404	PASS
	MCH	8.9045	9.392	PASS
	HCH	8.9320	9.525	PASS
16QAM	LCH	8.9274	9.477	PASS
	MCH	8.9233	9.345	PASS
	HCH	8.9234	9.421	PASS

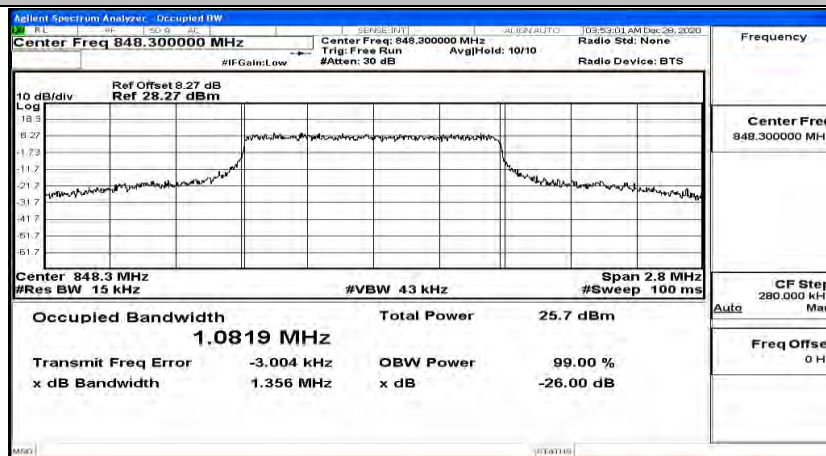
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



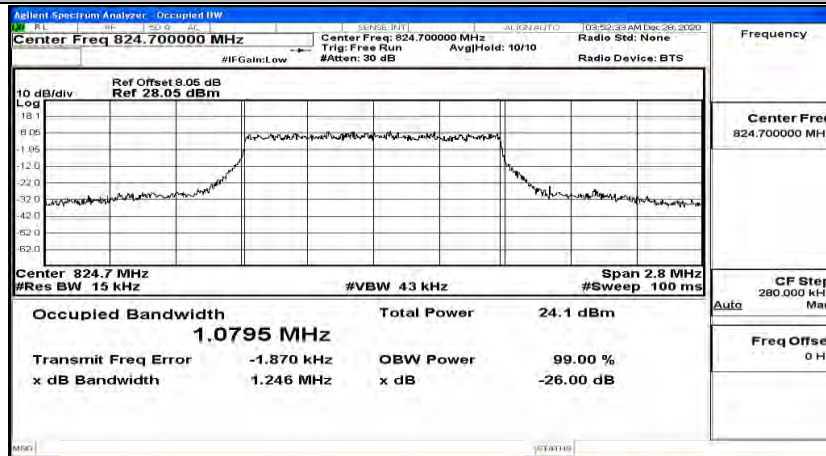
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



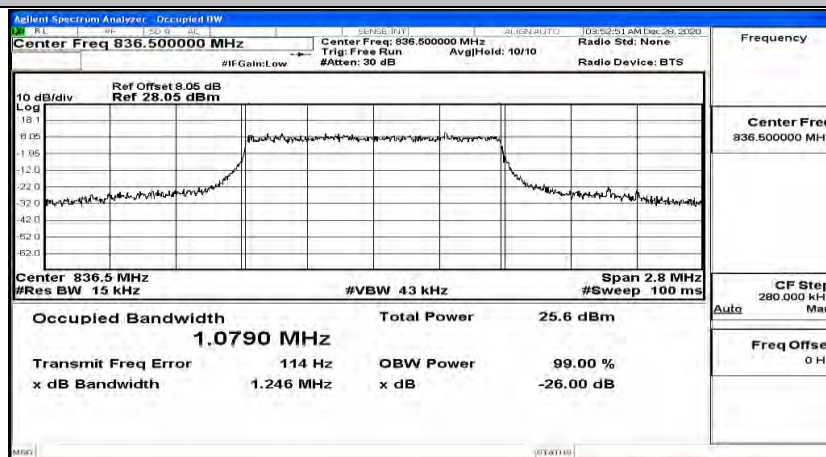
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



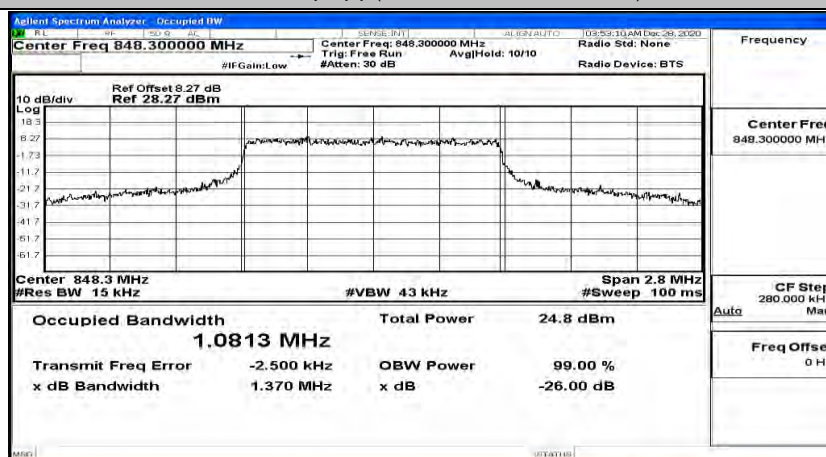
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



Ref: Spectrum Analyzer: Occupied BW
 #FAL #1 #2 #3 #4 #5 #6 #7 #8 #9 #10 #11 #12 #13 #14 #15 #16 #17 #18 #19 #20 #21 #22 #23 #24 #25 #26 #27 #28 #29 #30 #31 #32 #33 #34 #35 #36 #37 #38 #39 #40 #41 #42 #43 #44 #45 #46 #47 #48 #49 #50 #51 #52 #53 #54 #55 #56 #57 #58 #59 #60 #61 #62 #63 #64 #65 #66 #67 #68 #69 #70 #71 #72 #73 #74 #75 #76 #77 #78 #79 #80 #81 #82 #83 #84 #85 #86 #87 #88 #89 #90 #91 #92 #93 #94 #95 #96 #97 #98 #99 #100 #101 #102 #103 #104 #105 #106 #107 #108 #109 #110 #111 #112 #113 #114 #115 #116 #117 #118 #119 #120 #121 #122 #123 #124 #125 #126 #127 #128 #129 #130 #131 #132 #133 #134 #135 #136 #137 #138 #139 #140 #141 #142 #143 #144 #145 #146 #147 #148 #149 #150 #151 #152 #153 #154 #155 #156 #157 #158 #159 #160 #161 #162 #163 #164 #165 #166 #167 #168 #169 #170 #171 #172 #173 #174 #175 #176 #177 #178 #179 #180 #181 #182 #183 #184 #185 #186 #187 #188 #189 #190 #191 #192 #193 #194 #195 #196 #197 #198 #199 #200 #201 #202 #203 #204 #205 #206 #207 #208 #209 #210 #211 #212 #213 #214 #215 #216 #217 #218 #219 #220 #221 #222 #223 #224 #225 #226 #227 #228 #229 #230 #231 #232 #233 #234 #235 #236 #237 #238 #239 #240 #241 #242 #243 #244 #245 #246 #247 #248 #249 #250 #251 #252 #253 #254 #255 #256 #257 #258 #259 #260 #261 #262 #263 #264 #265 #266 #267 #268 #269 #270 #271 #272 #273 #274 #275 #276 #277 #278 #279 #280 #281 #282 #283 #284 #285 #286 #287 #288 #289 #290 #291 #292 #293 #294 #295 #296 #297 #298 #299 #300 #301 #302 #303 #304 #305 #306 #307 #308 #309 #310 #311 #312 #313 #314 #315 #316 #317 #318 #319 #320 #321 #322 #323 #324 #325 #326 #327 #328 #329 #330 #331 #332 #333 #334 #335 #336 #337 #338 #339 #340 #341 #342 #343 #344 #345 #346 #347 #348 #349 #350 #351 #352 #353 #354 #355 #356 #357 #358 #359 #360 #361 #362 #363 #364 #365 #366 #367 #368 #369 #370 #371 #372 #373 #374 #375 #376 #377 #378 #379 #380 #381 #382 #383 #384 #385 #386 #387 #388 #389 #390 #391 #392 #393 #394 #395 #396 #397 #398 #399 #400 #401 #402 #403 #404 #405 #406 #407 #408 #409 #410 #411 #412 #413 #414 #415 #416 #417 #418 #419 #420 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#1017 #1018 #1019 #1020 #1021 #1022 #1023 #1024 #1025 #1026 #1027 #1028 #1029 #1030 #1031 #1

Agilent Spectrum Analyzer - Occupied BW

Center Freq 836.500000 MHz

Ref Offset 8.05 dB

Ref 28.05 dBm

10 dB/div

Log

Center 836.5 MHz

#Res BW 30 kHz

#VBW 91 kHz

Span 6 MHz

#Sweep 100 ms

Occupied Bandwidth

2.6836 MHz

Total Power

25.3 dBm

Transmit Freq Error

-1.677 kHz

OBW Power

99.00 %

x dB Bandwidth

2.904 MHz

x dB

-26.00 dB

Helix Spectrum Analyzer - Occupied BW

Center Freq 847.500000 MHz

Ref Offset 8.27 dB
Ref 28.27 dBm

Trig: Free Run
SATTen: 30 dB

Radio Std: None
Radio Device: BTS

Frequency

Center Freq 847.500000 MHz

CF Step 500.000 kHz

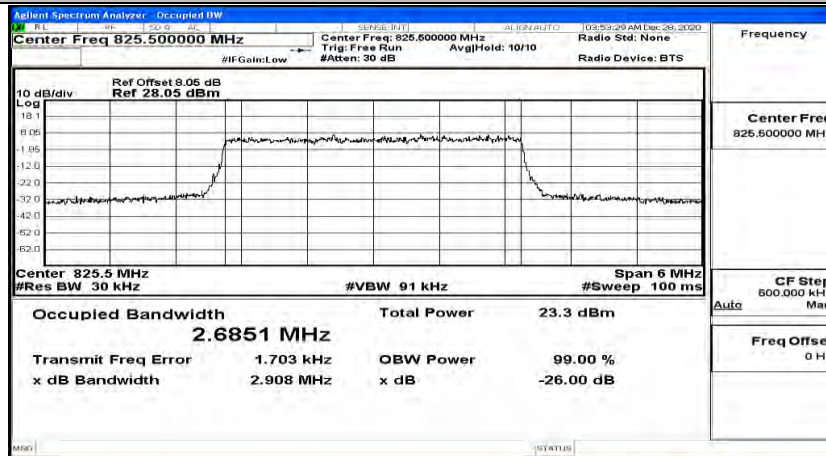
Auto

Wfreq Offset 0 Hz

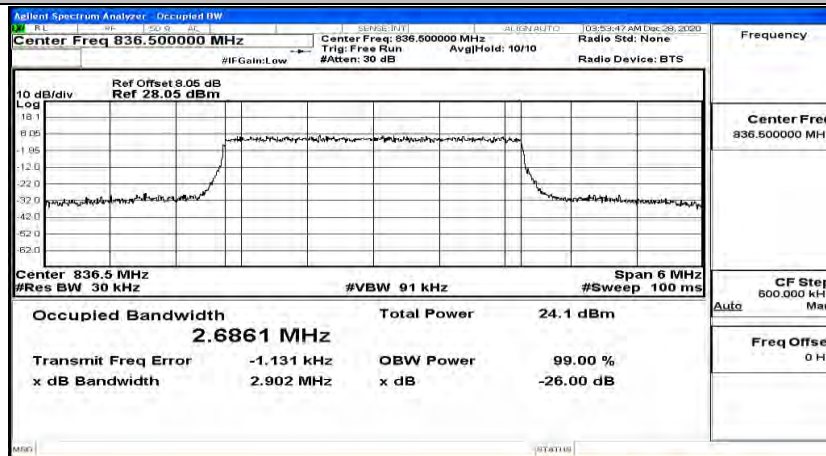
The spectrum plot shows a signal centered at 847.5 MHz. The y-axis is labeled '10 dB/div' and ranges from -61.7 to 18.3 dBm. The x-axis is labeled 'Span 6 MHz' and ranges from -30 kHz to 100 ms. The signal is a flat-topped pulse with a width of approximately 6 MHz. The peak level is approximately 18.3 dBm. The plot is titled 'Occupied BW' and shows the signal's power distribution across the frequency span.

Occupied Bandwidth	Total Power	25.0 dBm
2.6850 MHz		
Transmit Freq Error	-2.201 kHz	OBW Power
x dB Bandwidth	2.892 MHz	x dB
		-26.00 dB

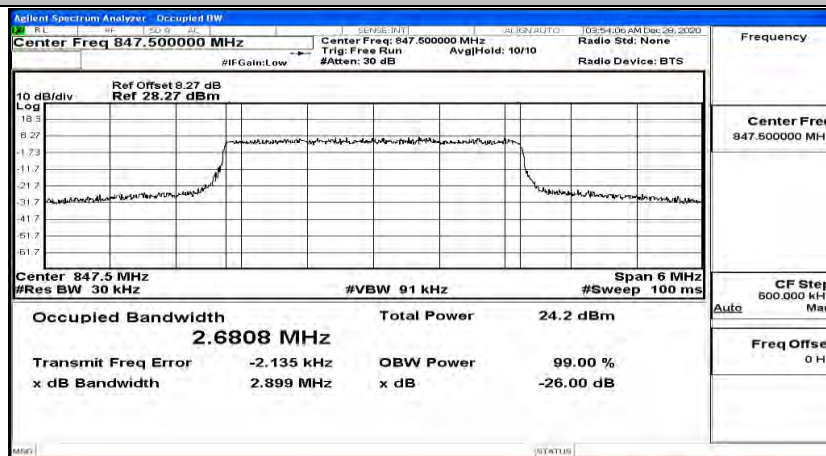
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



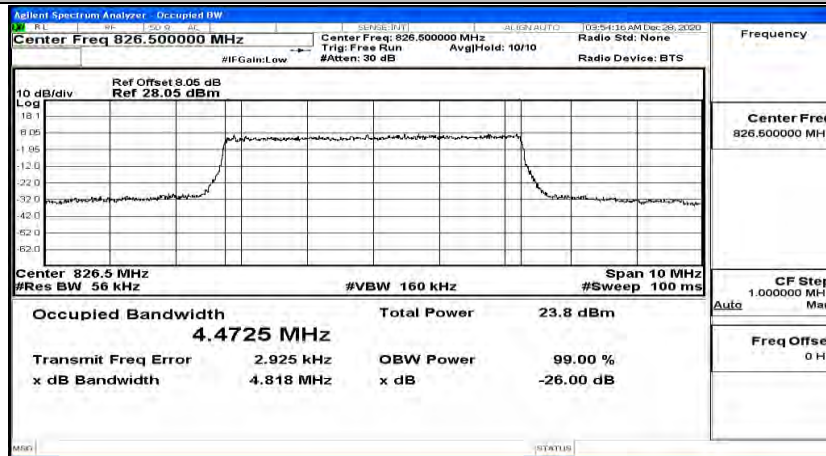
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



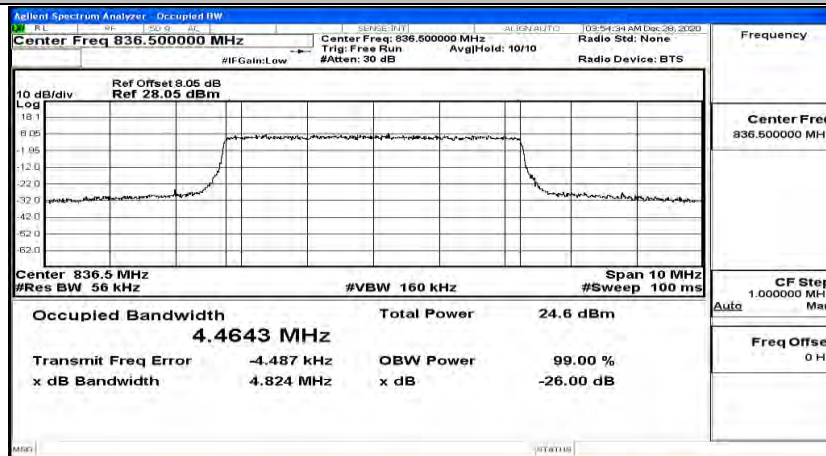
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



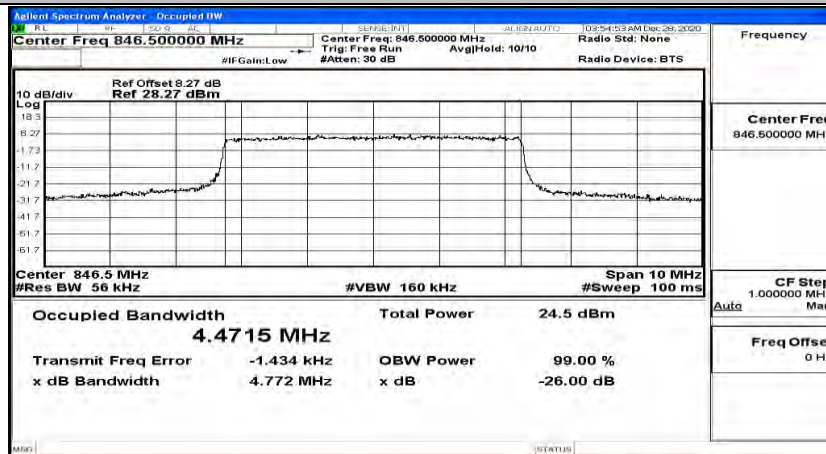
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



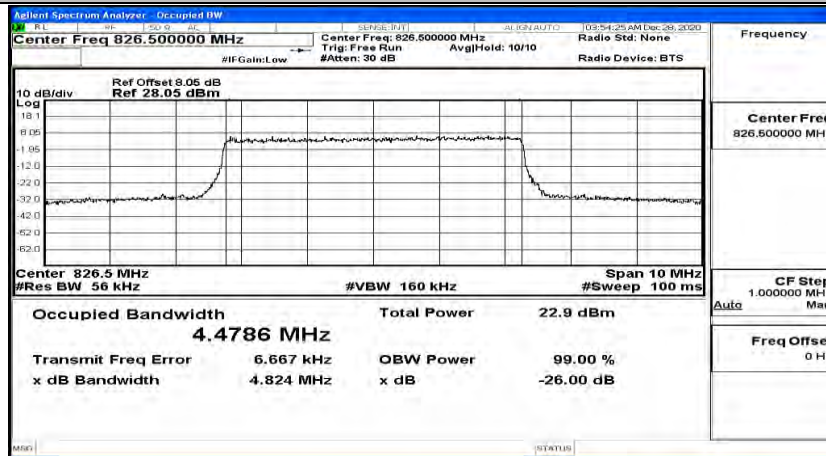
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



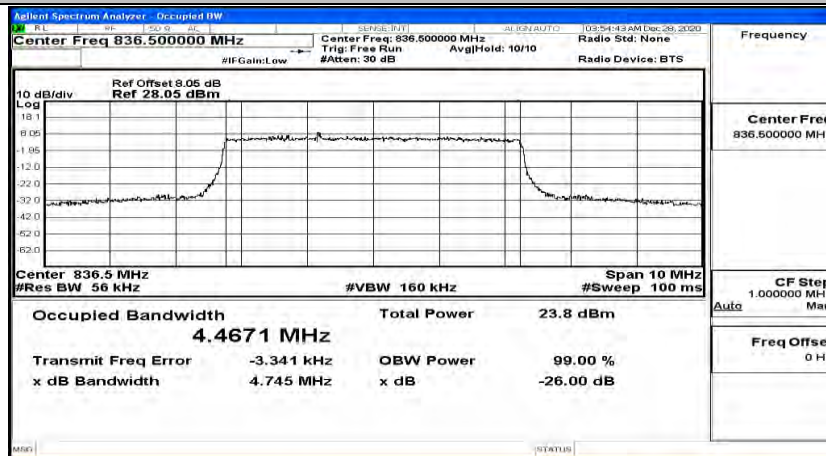
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



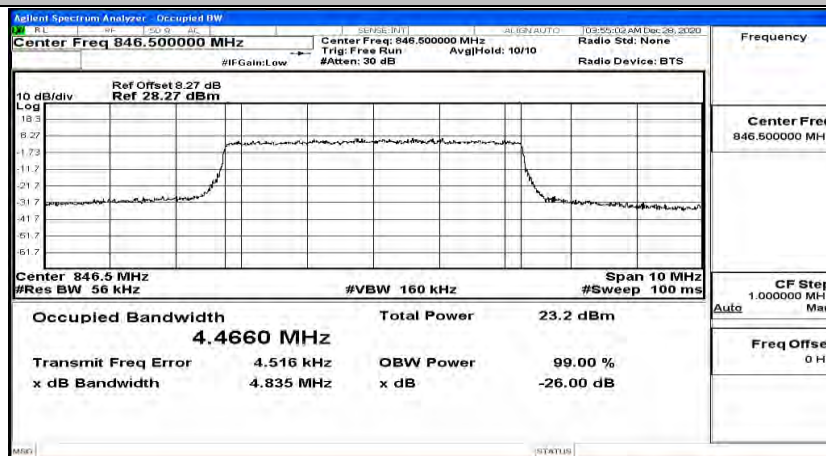
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



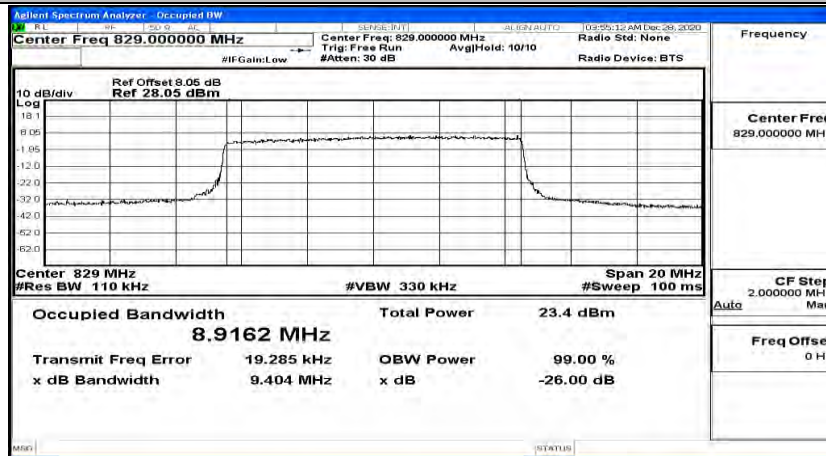
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



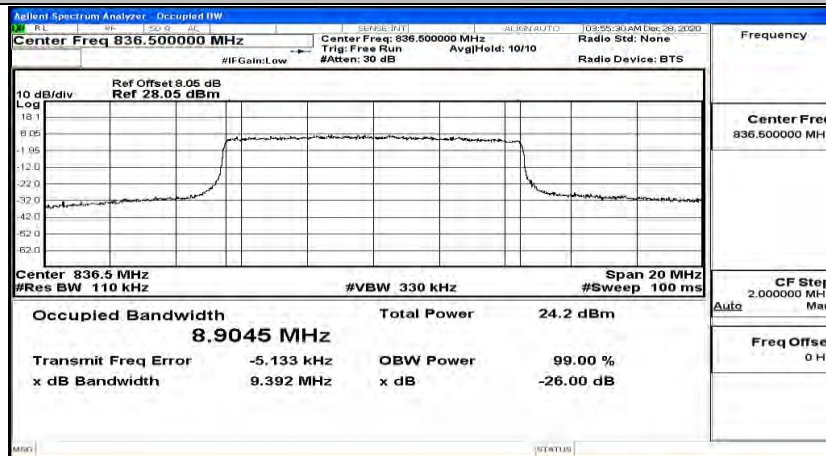
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



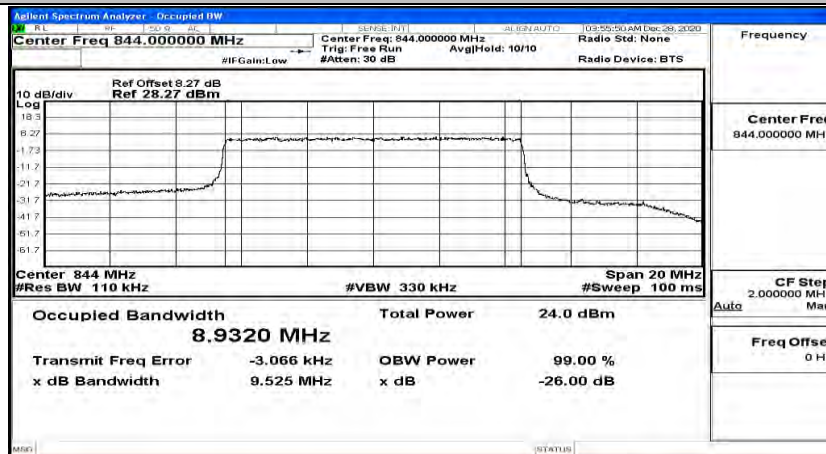
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



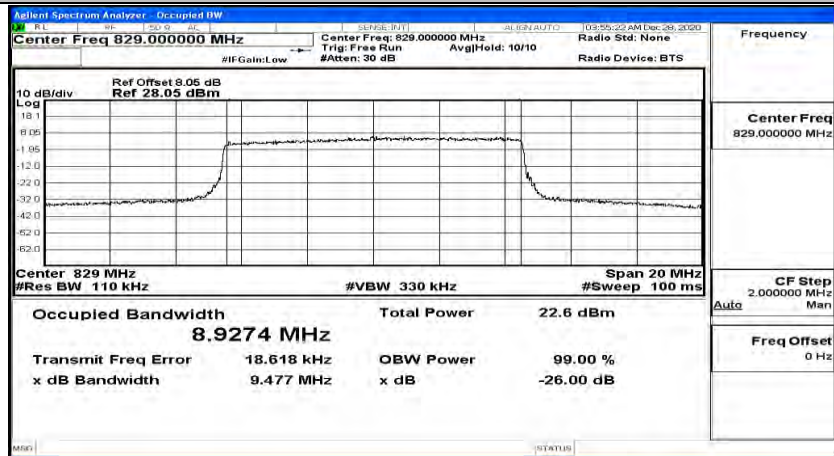
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



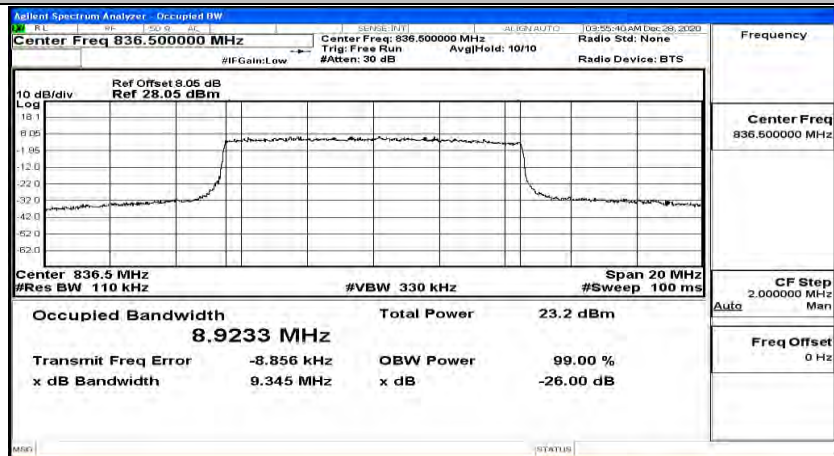
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



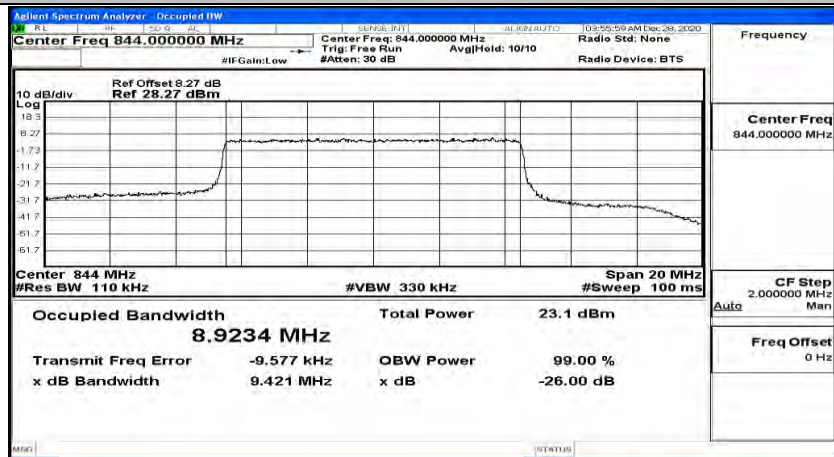
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM

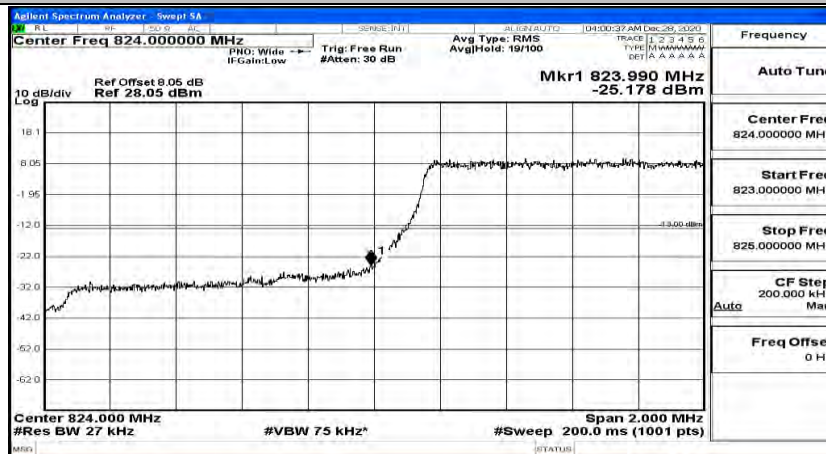


EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM

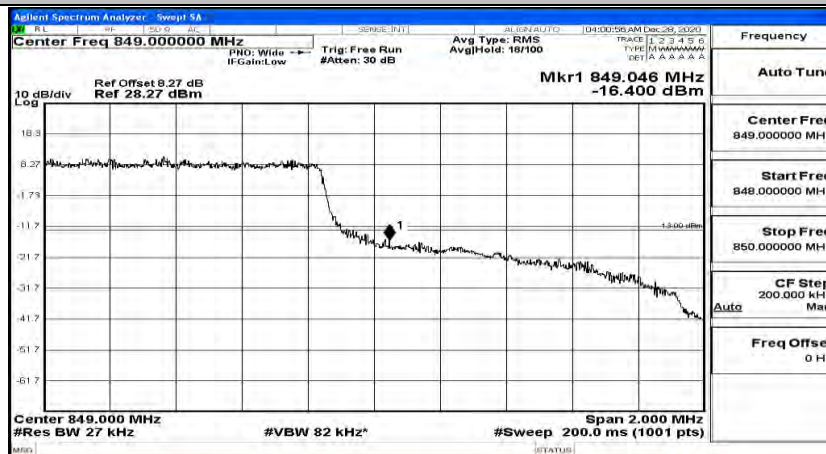


D.4 Band Edge

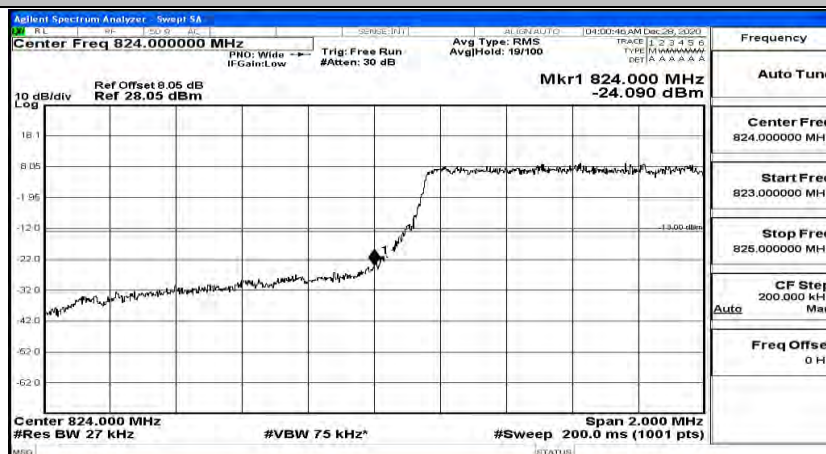
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



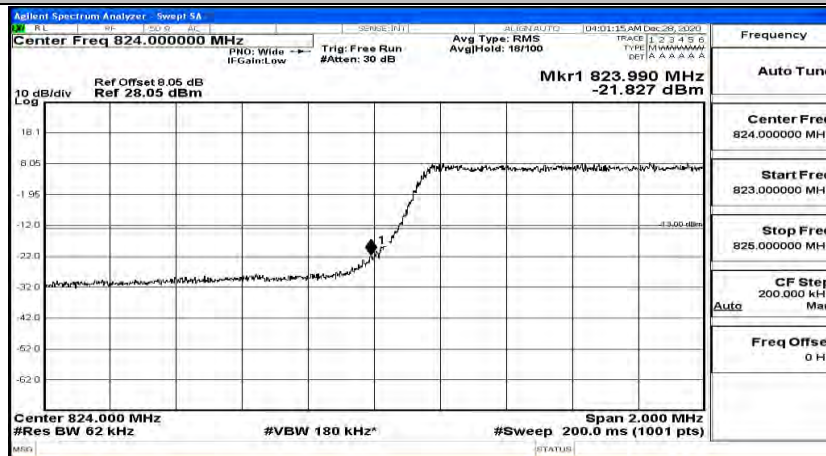
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



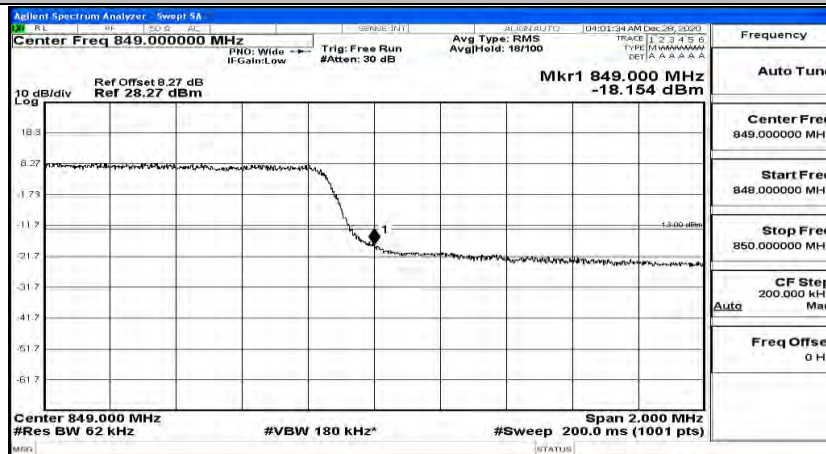
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



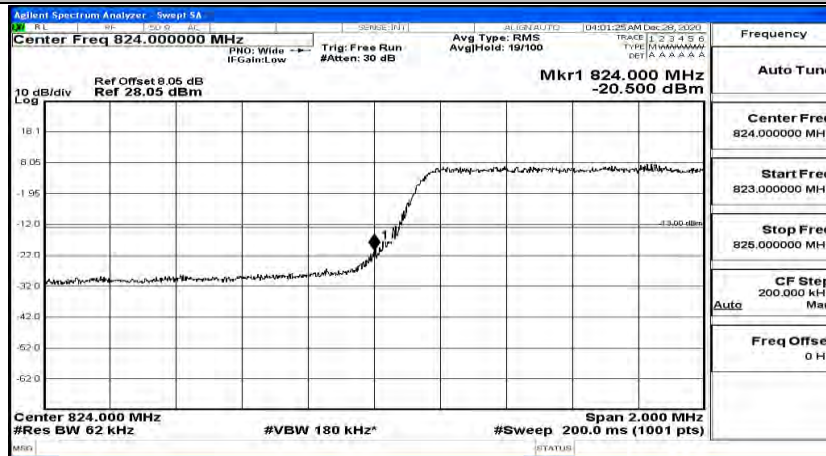
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



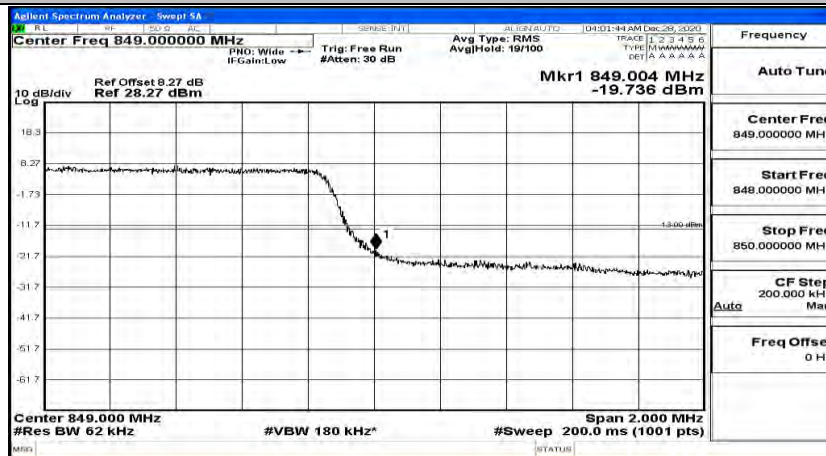
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



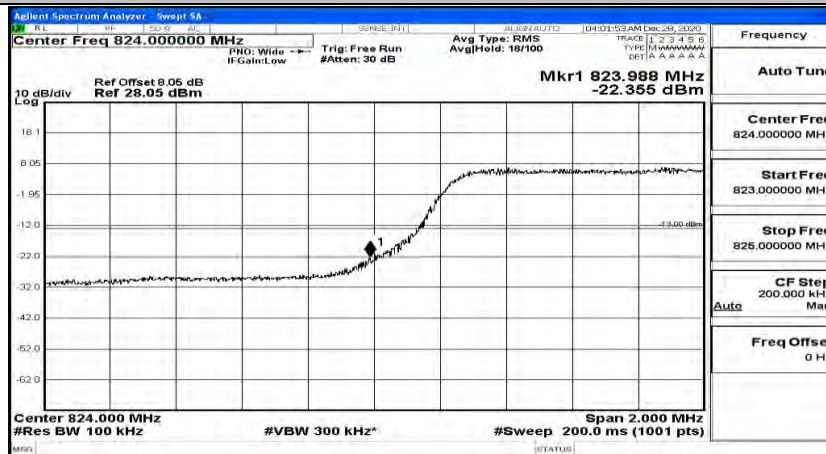
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



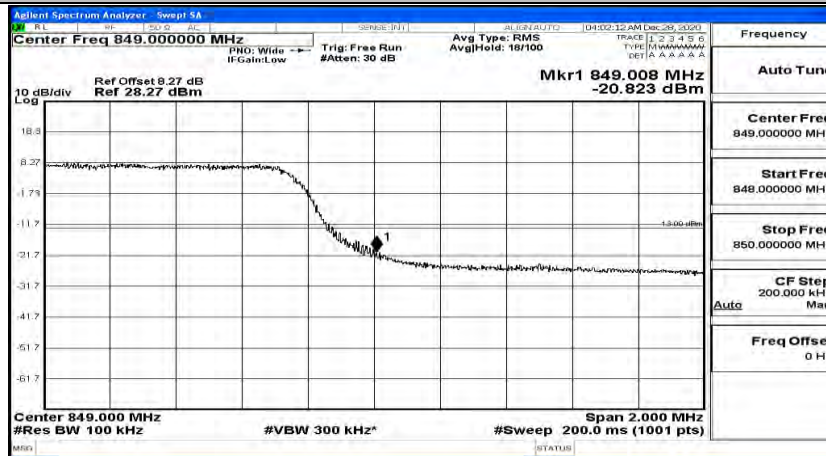
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



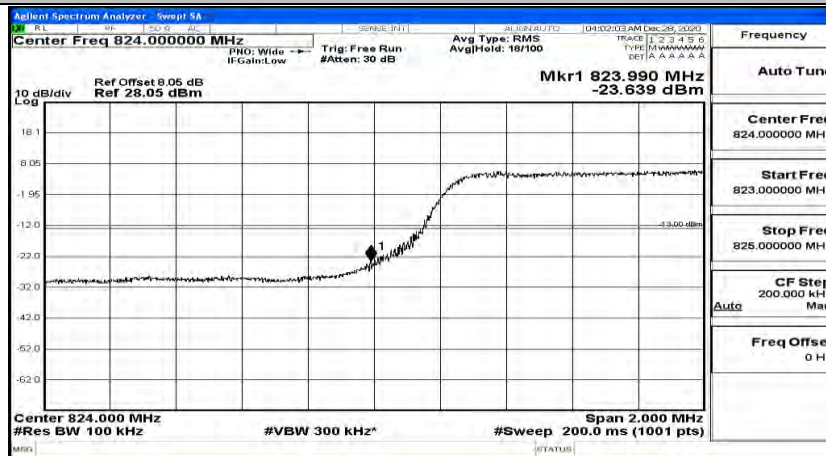
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



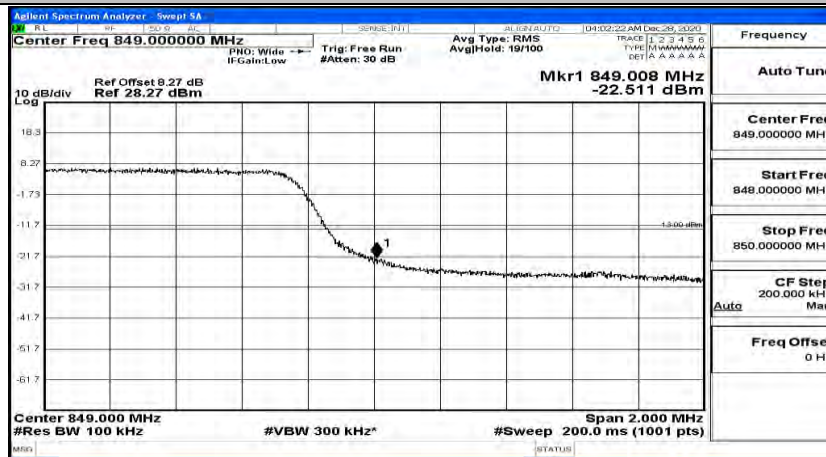
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



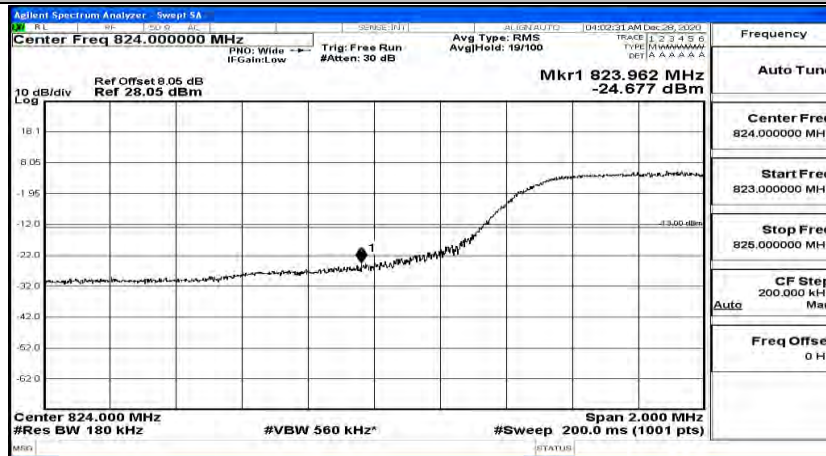
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



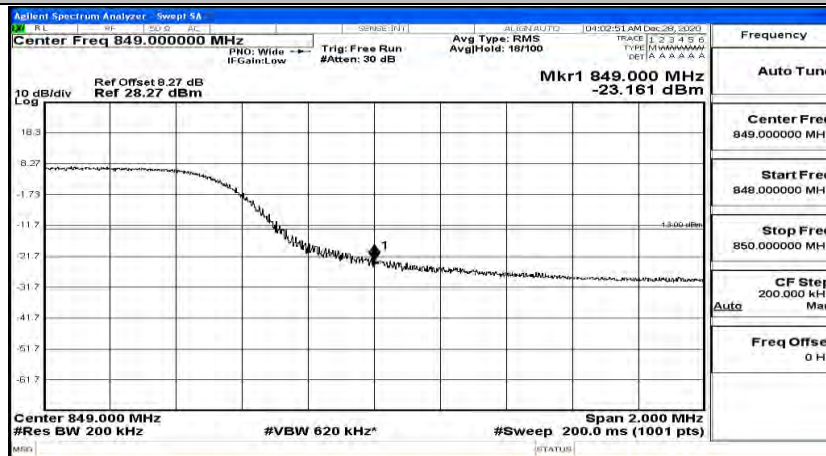
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



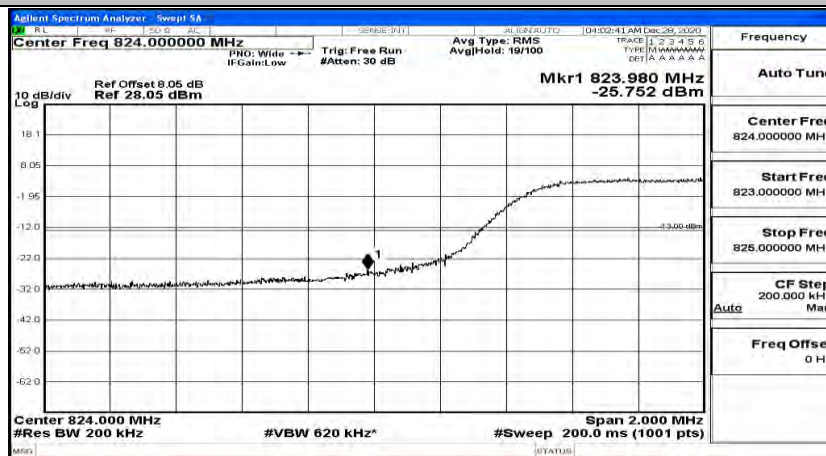
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



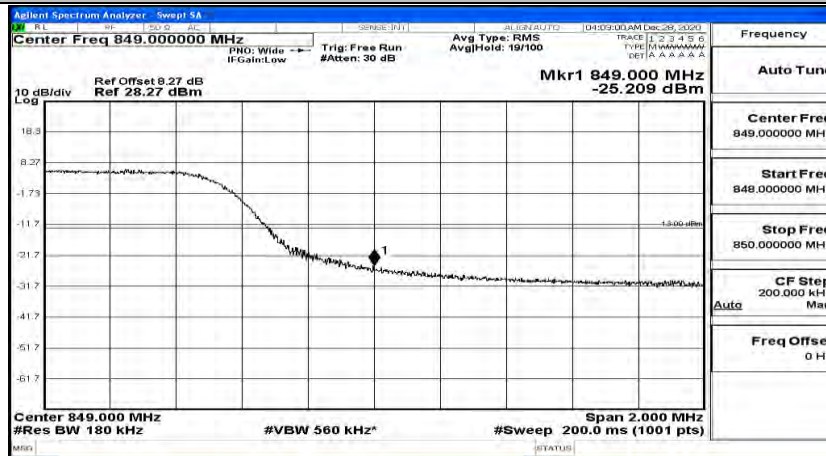
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM

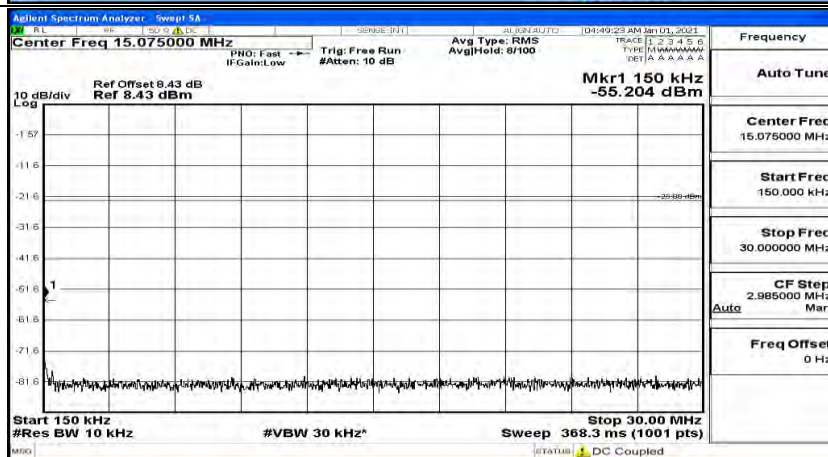
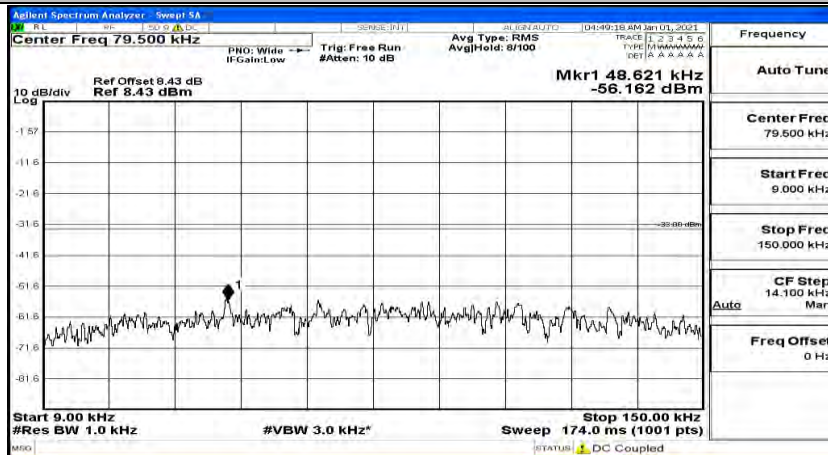


D. 5: Conducted Spurious Emission

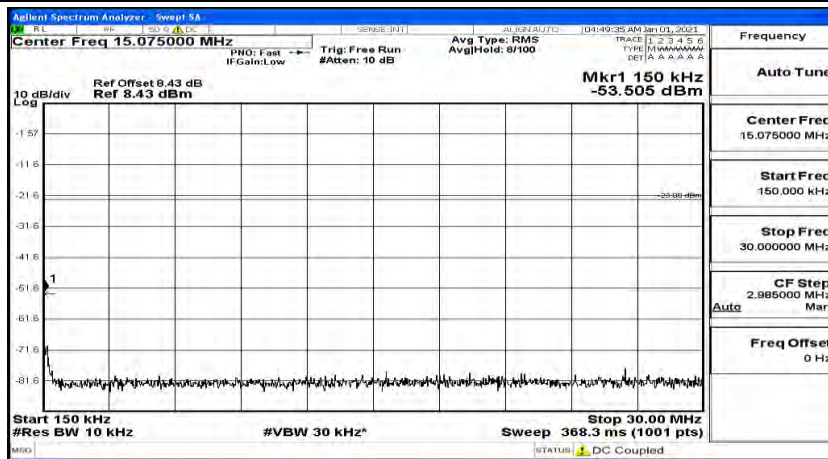
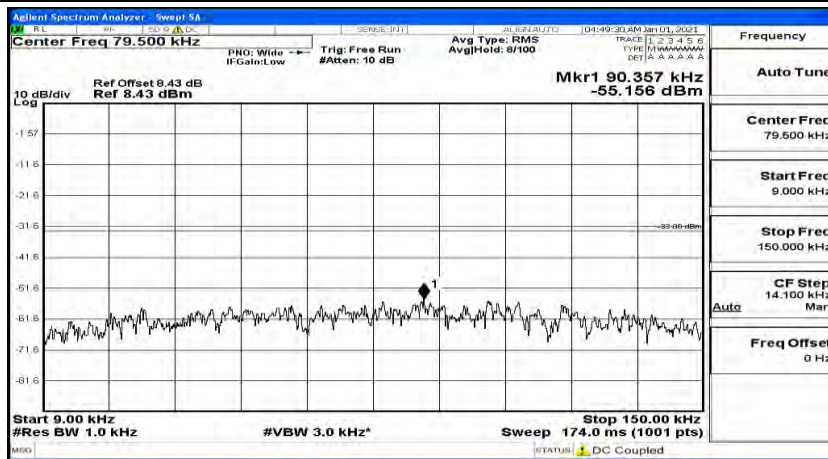
Test Graphs

Channel Bandwidth: 1.4 MHz

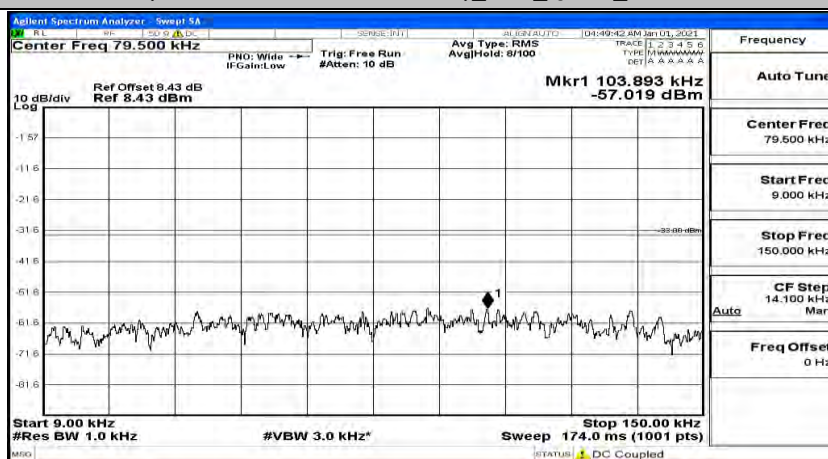
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0

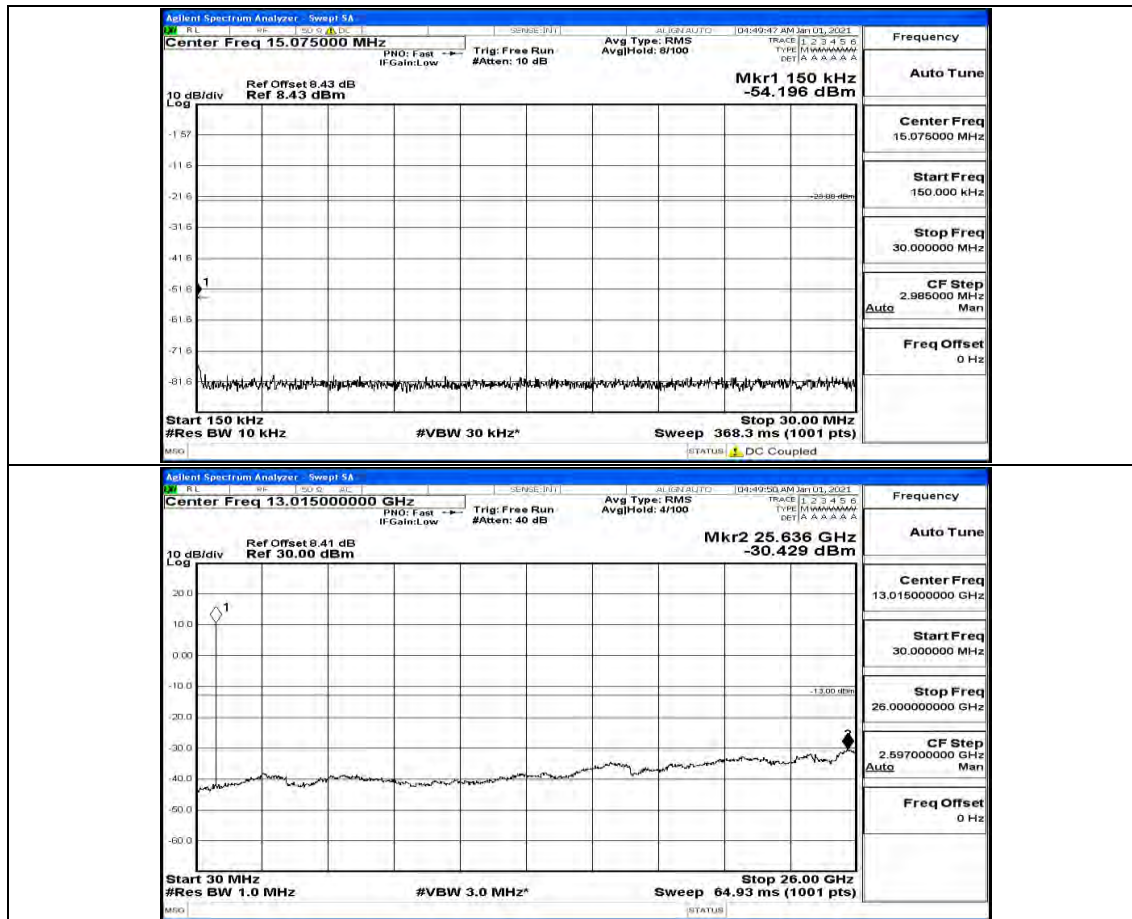


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3

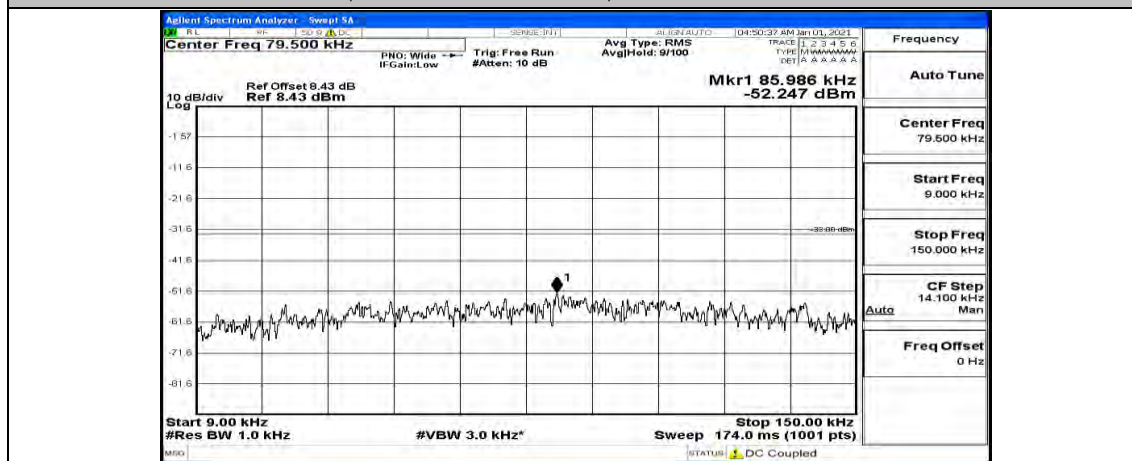


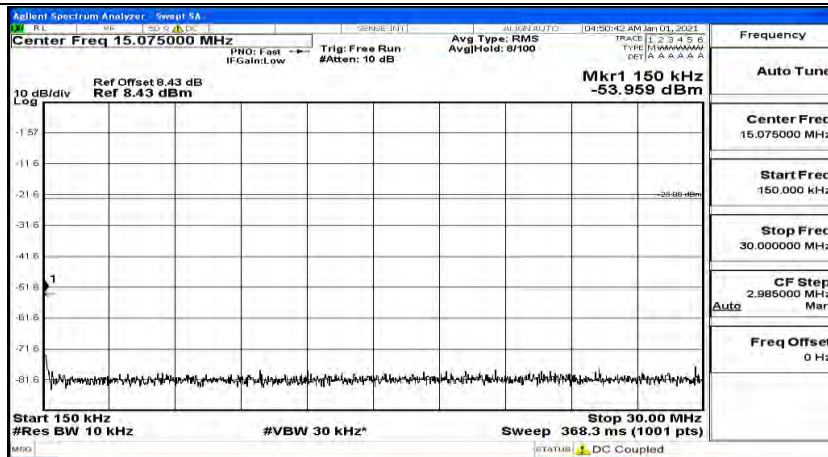
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



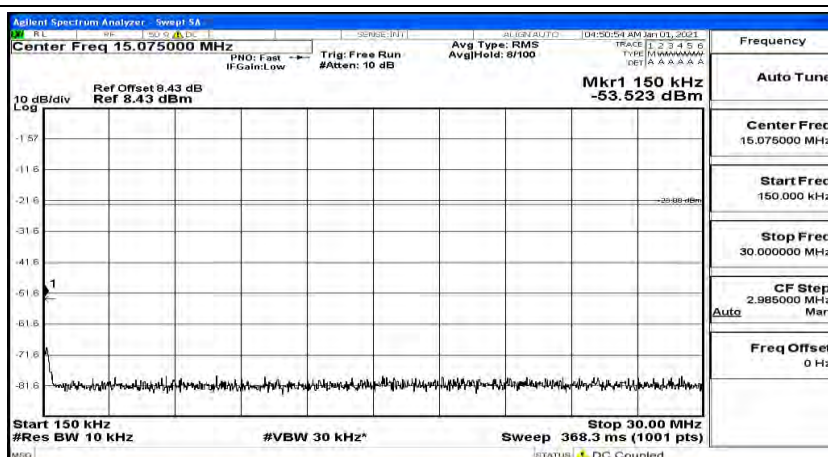
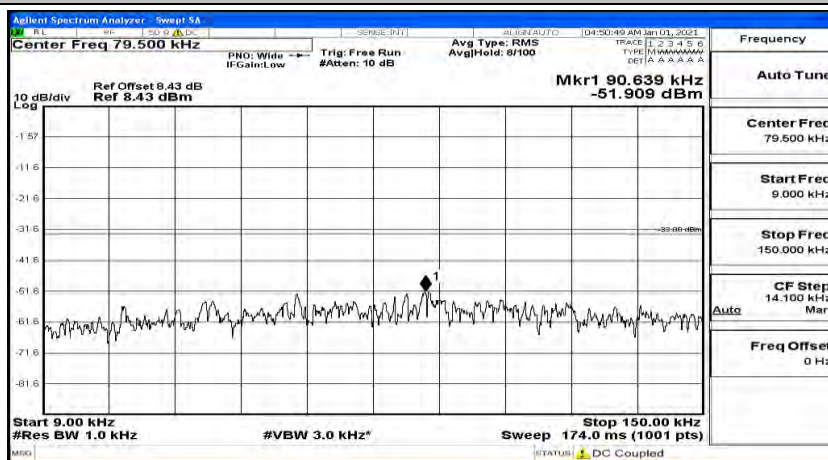


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



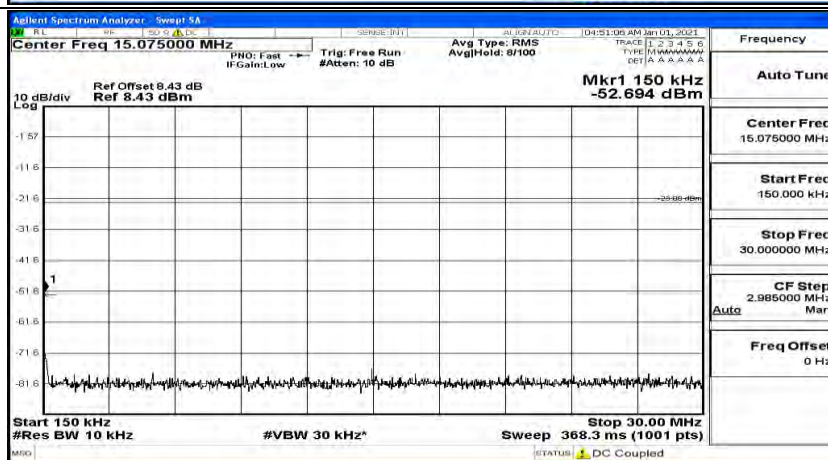
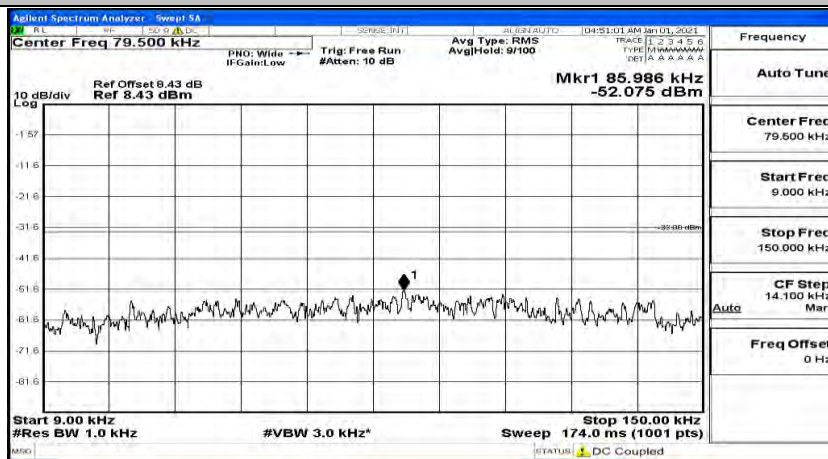


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

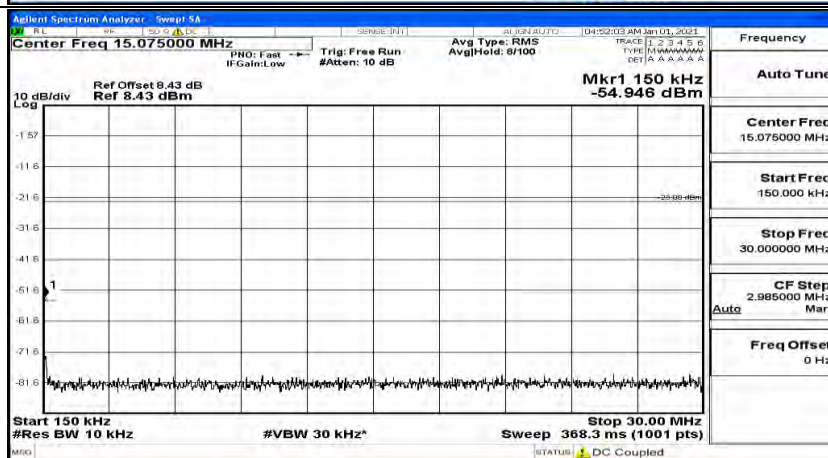
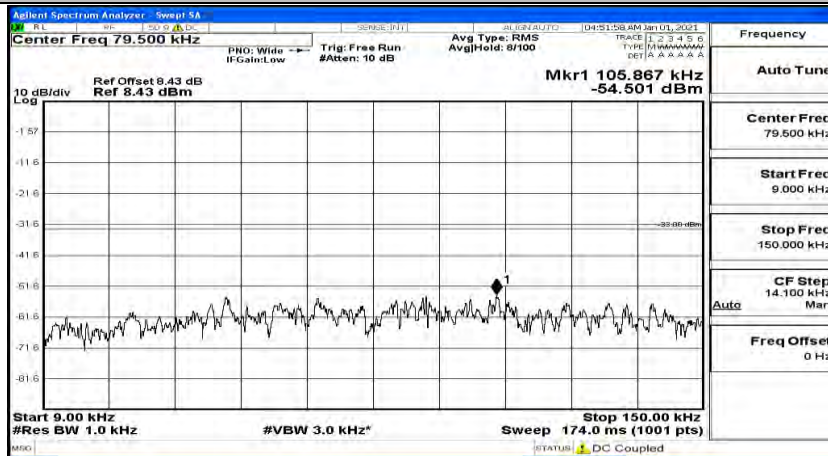




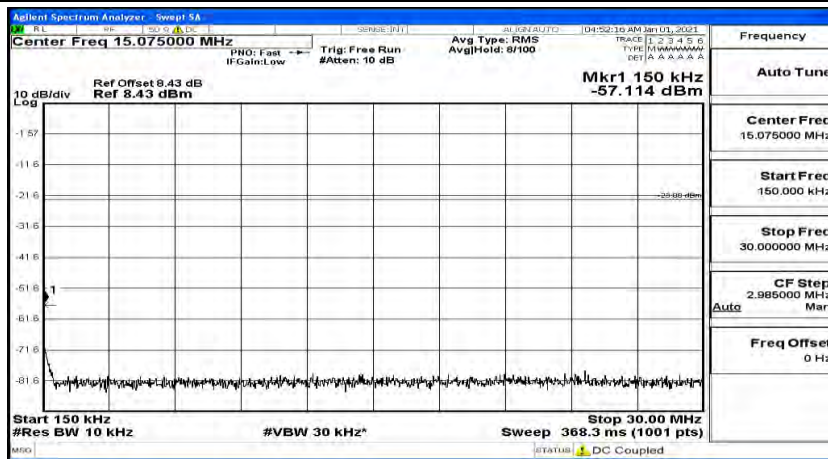
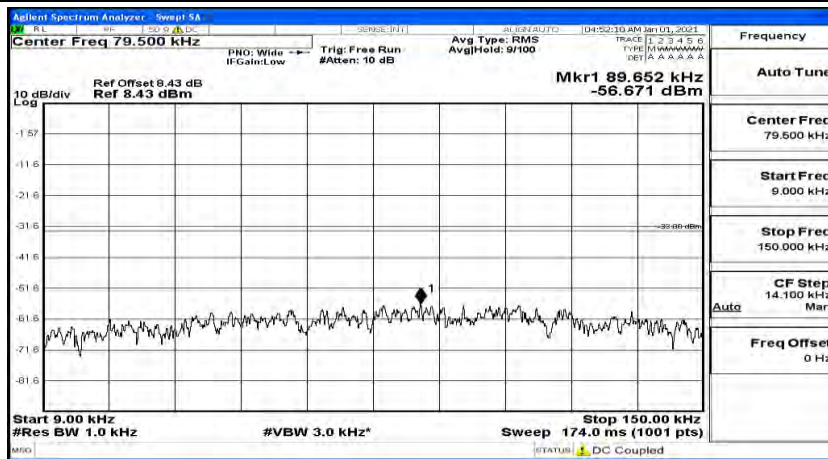
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



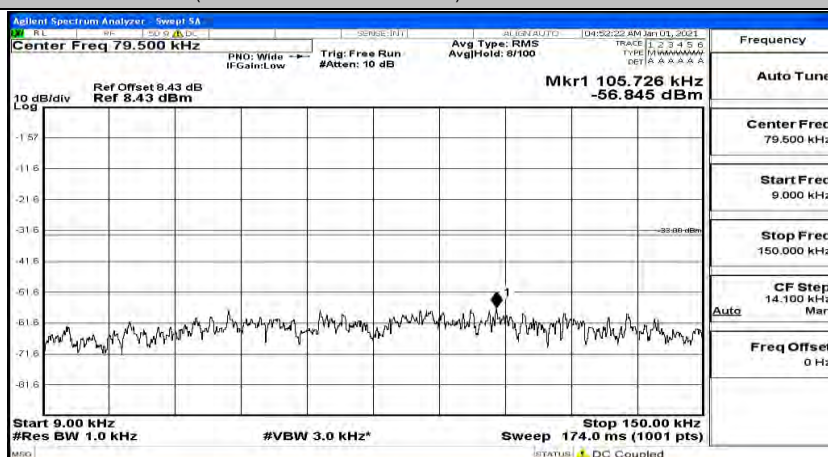
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#0

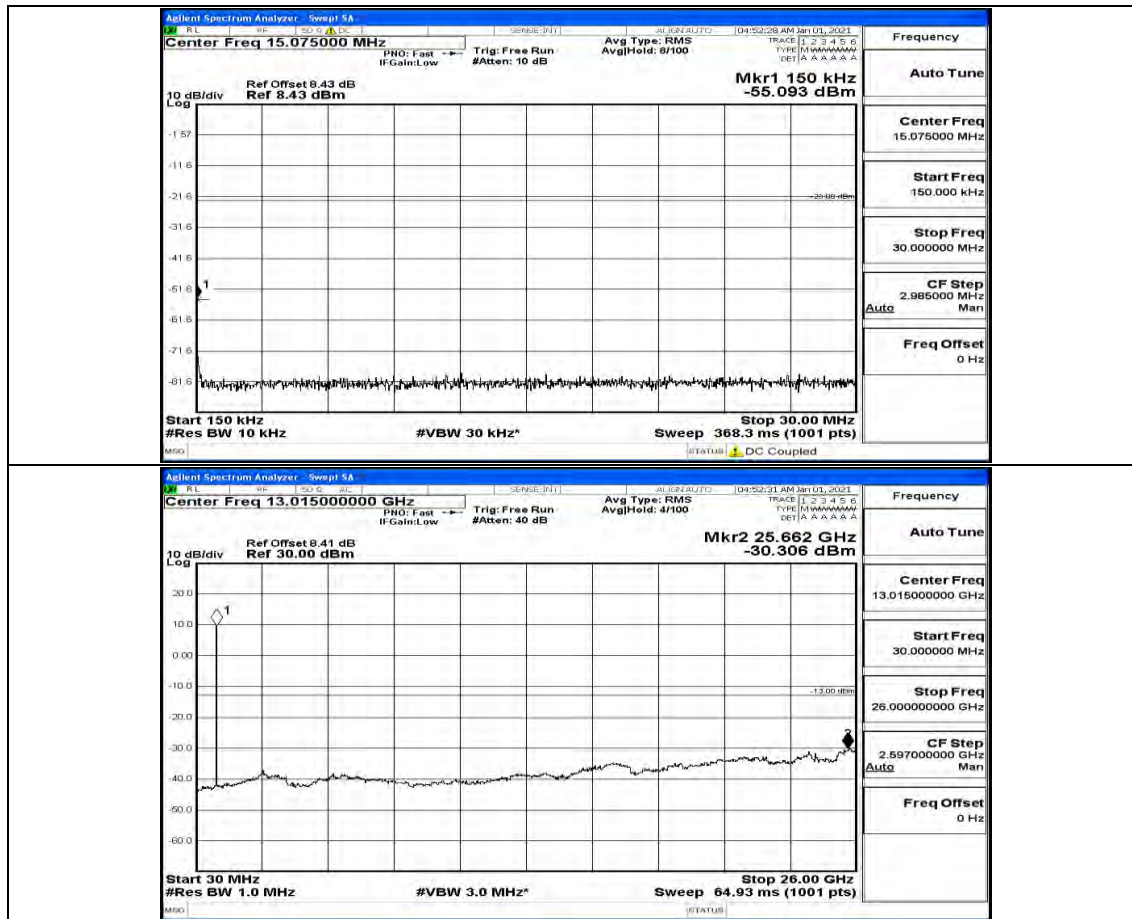


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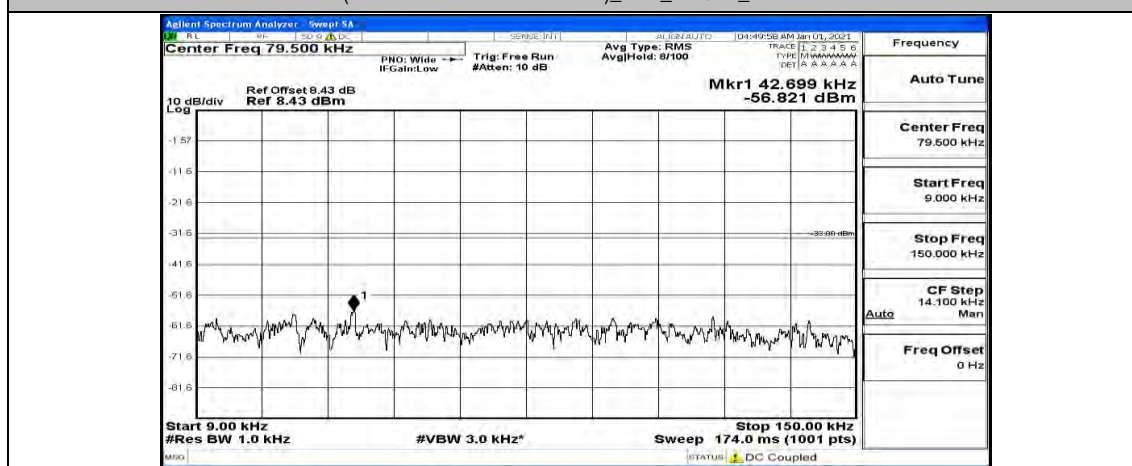


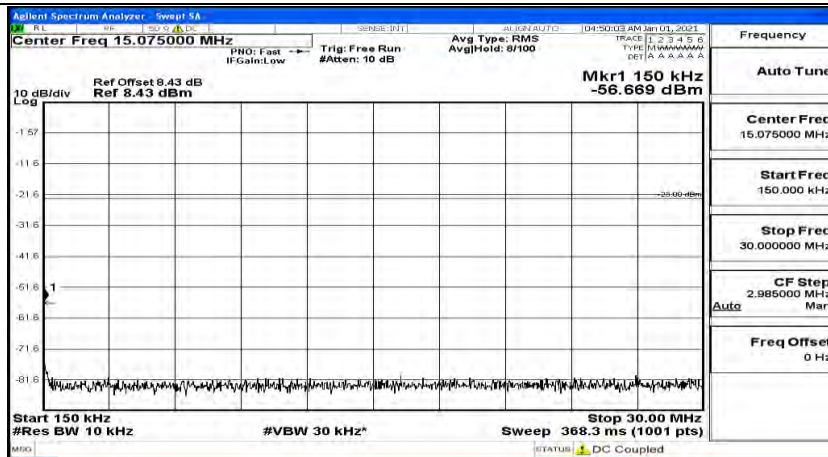
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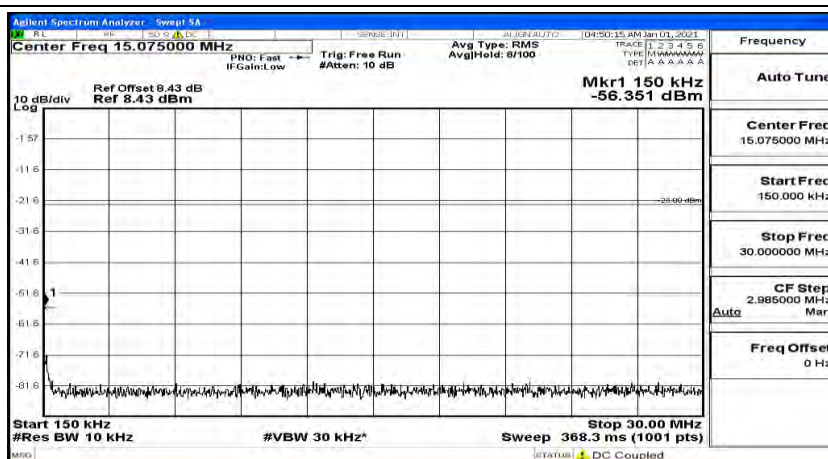
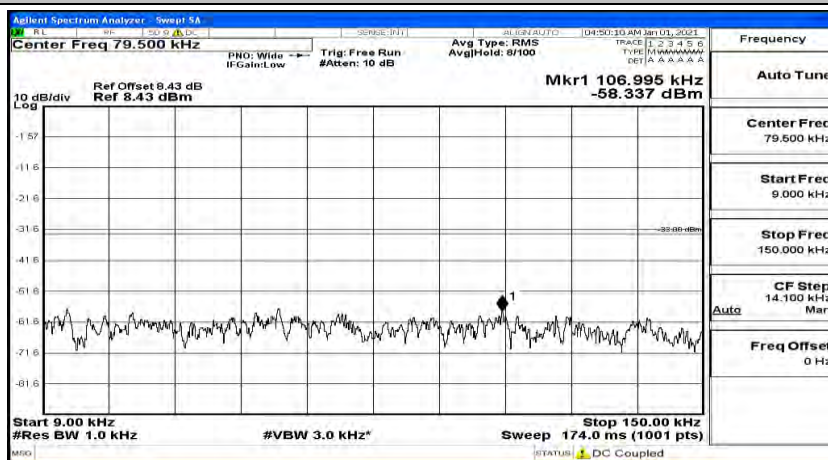


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



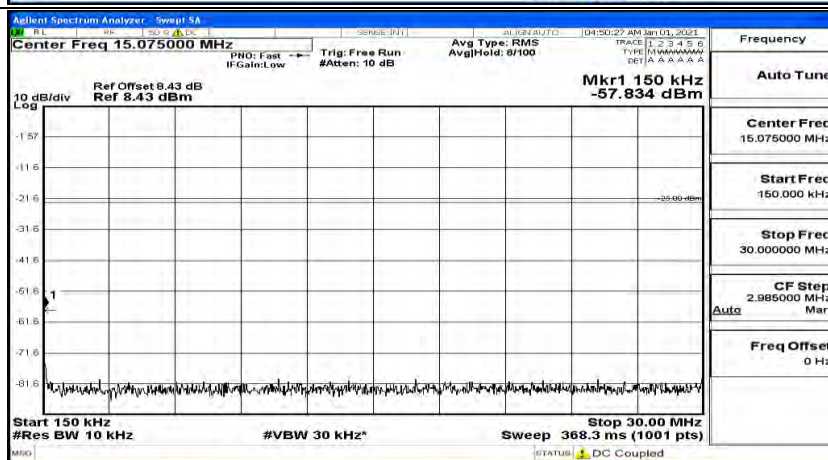
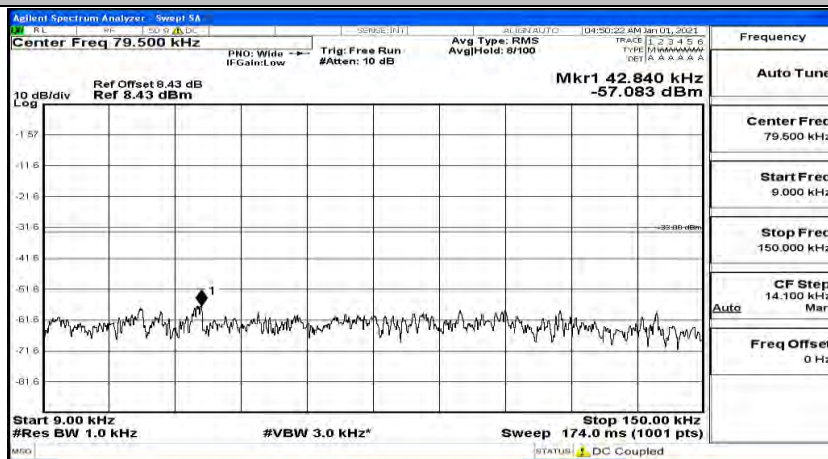


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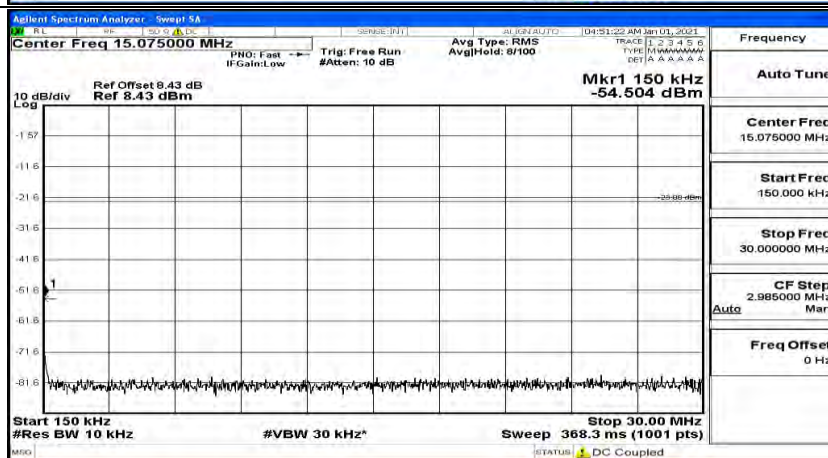
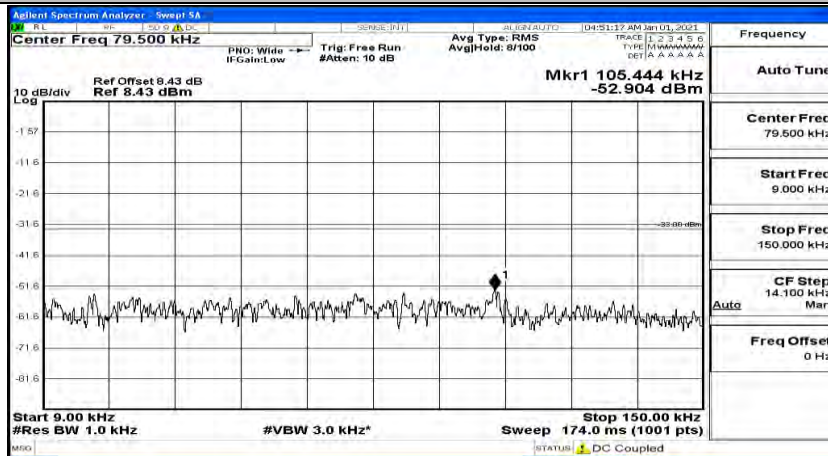




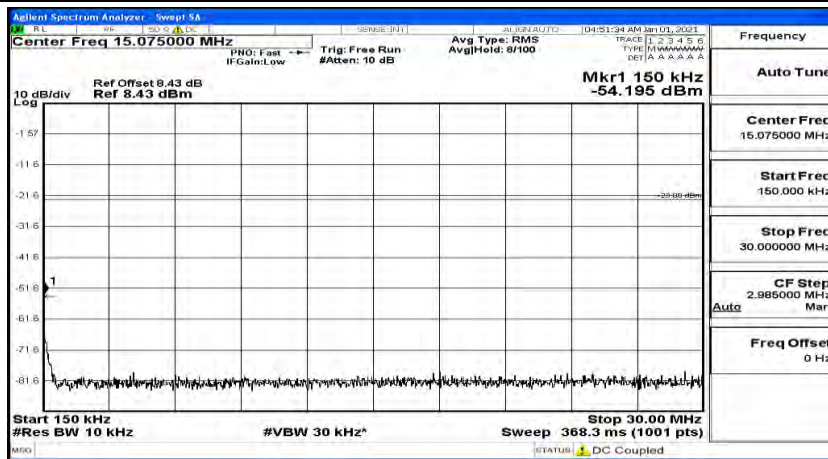
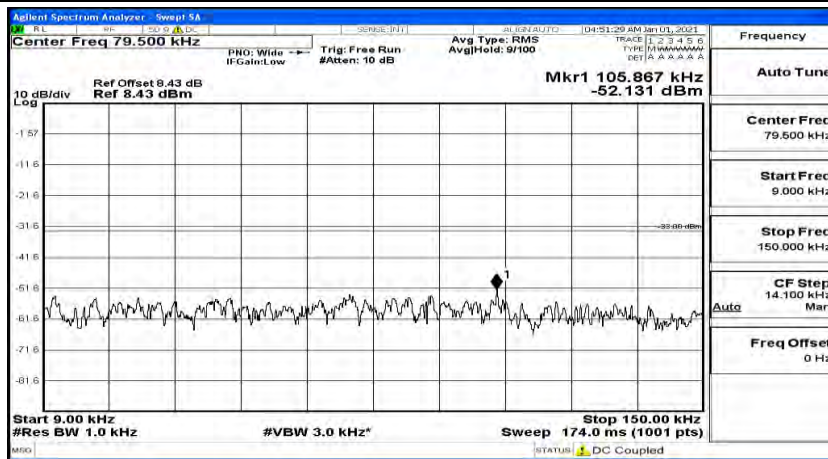
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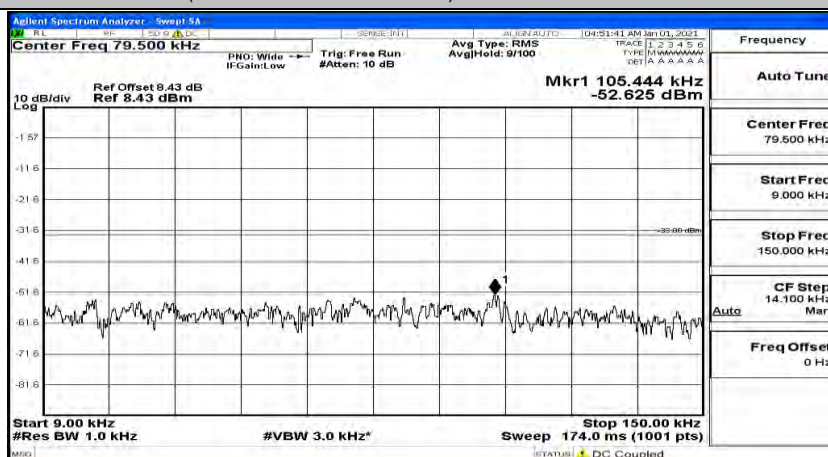
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

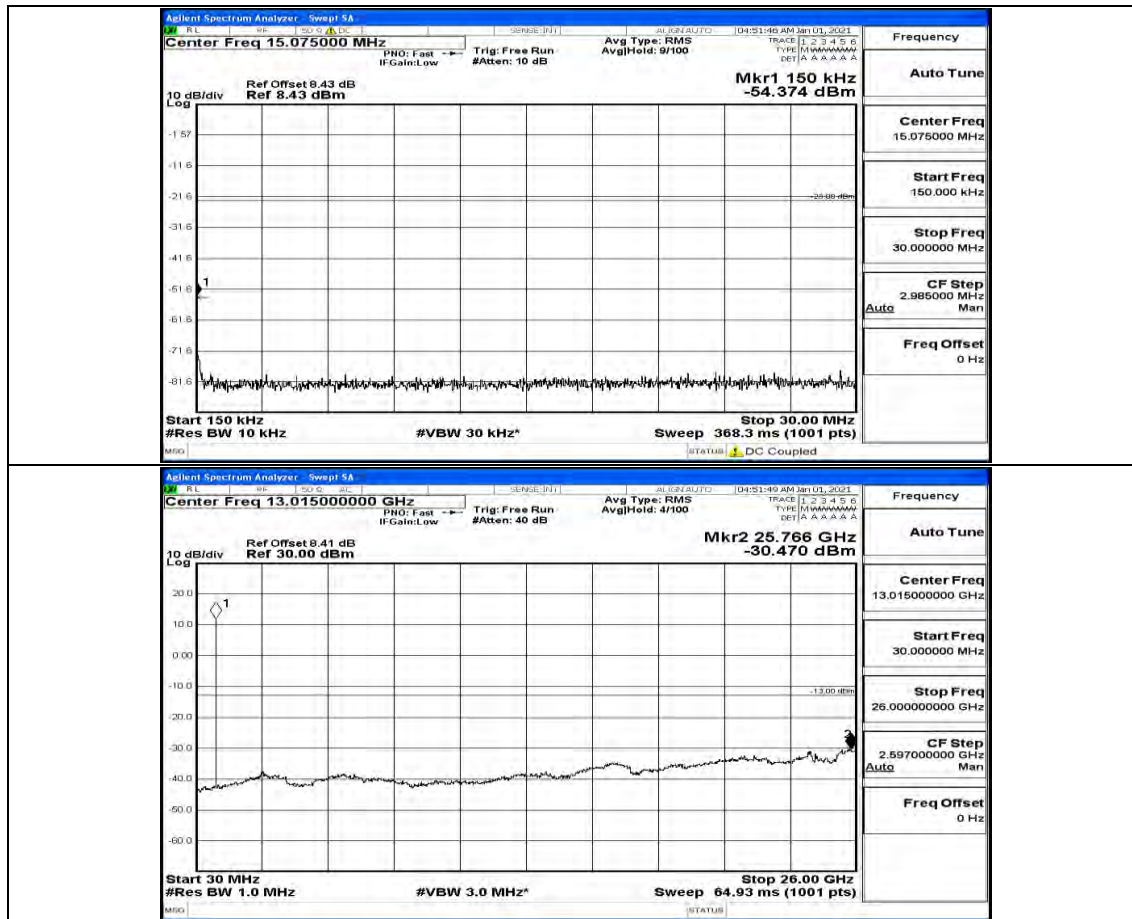


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

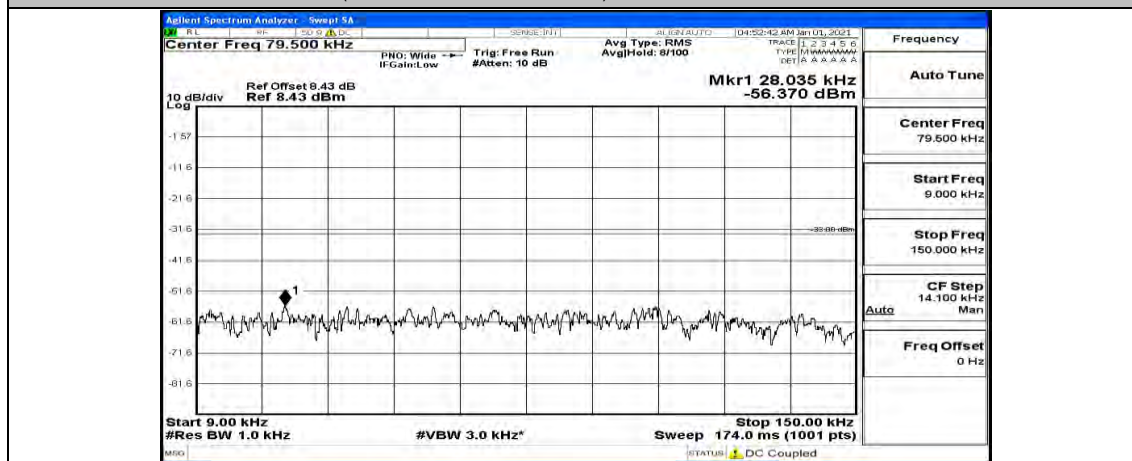


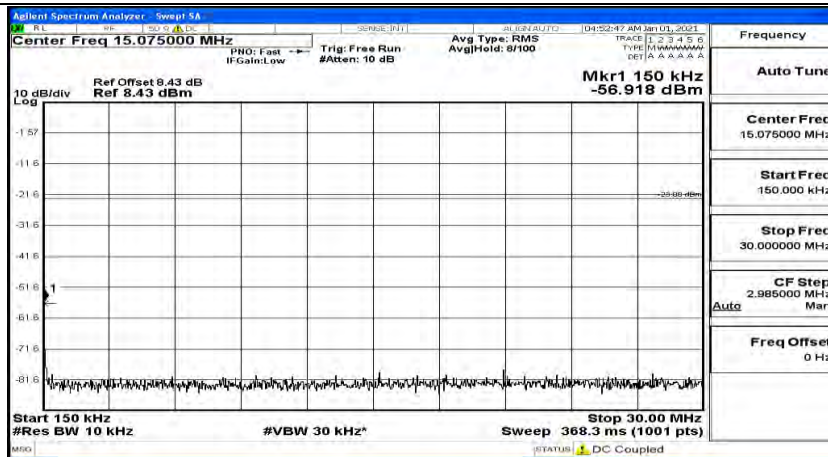
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



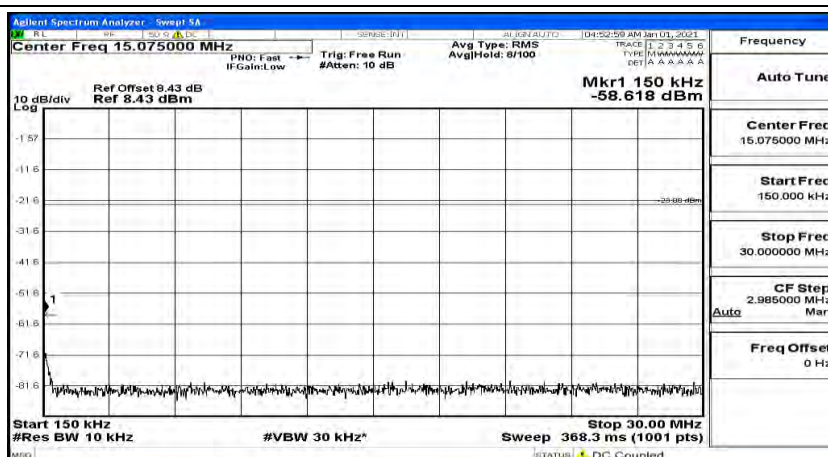
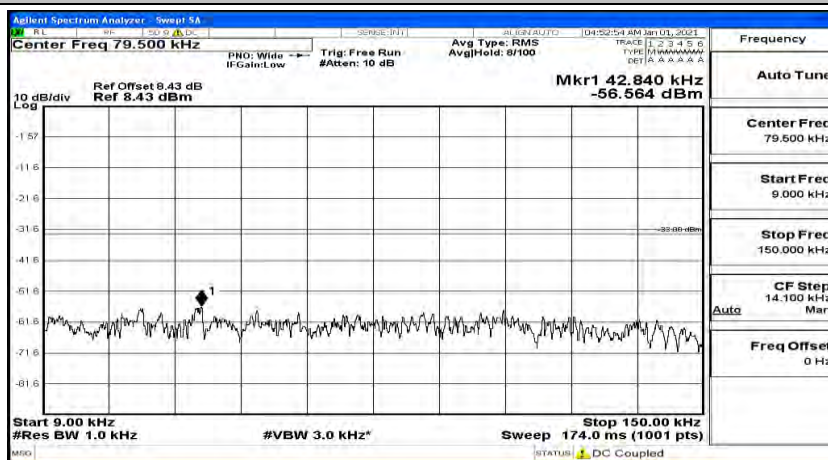


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



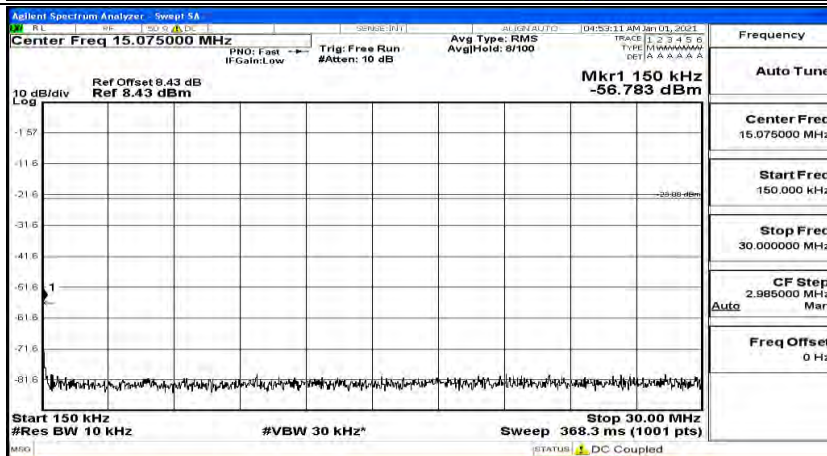
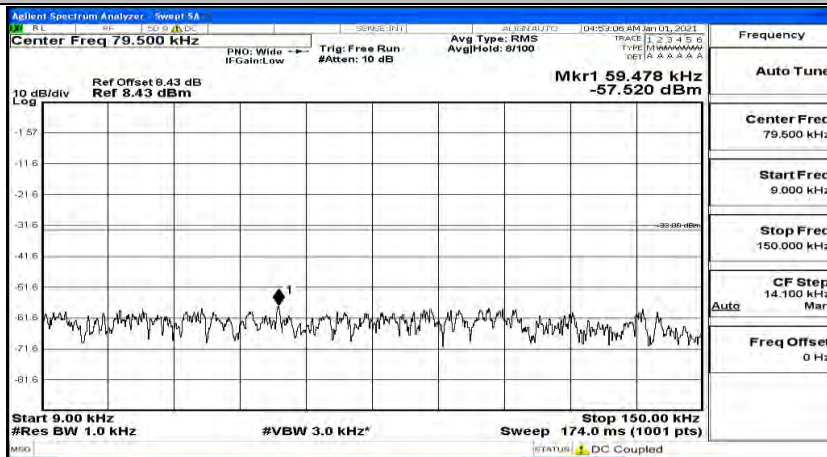


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



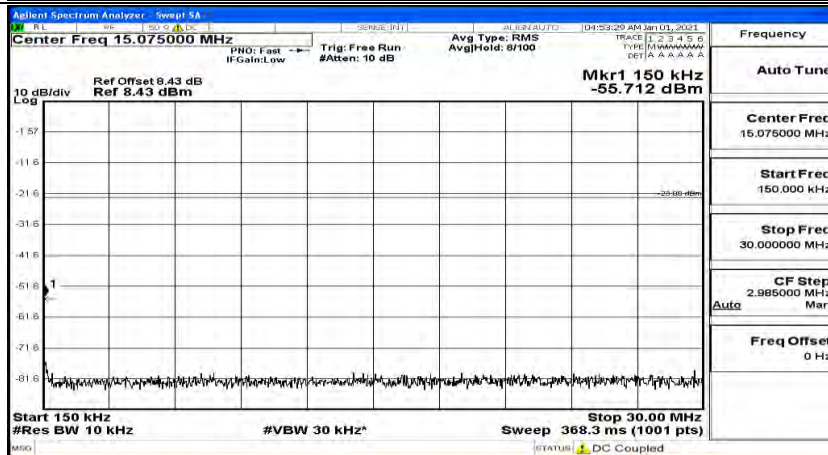
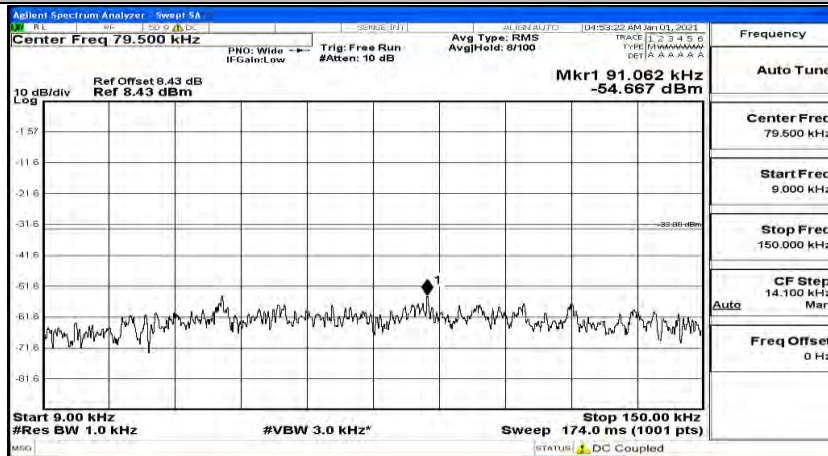


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5

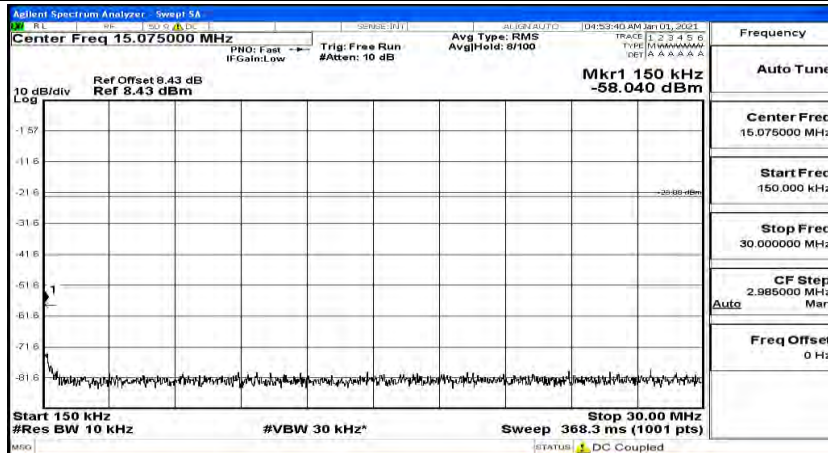
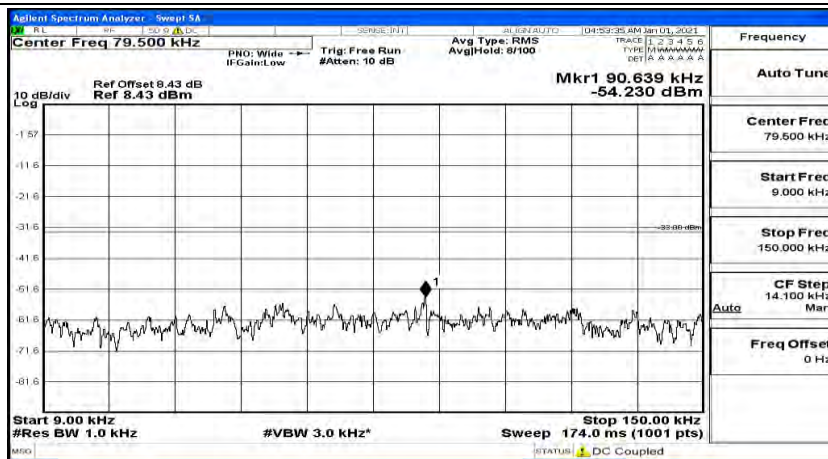


Channel Bandwidth: 3 MHz

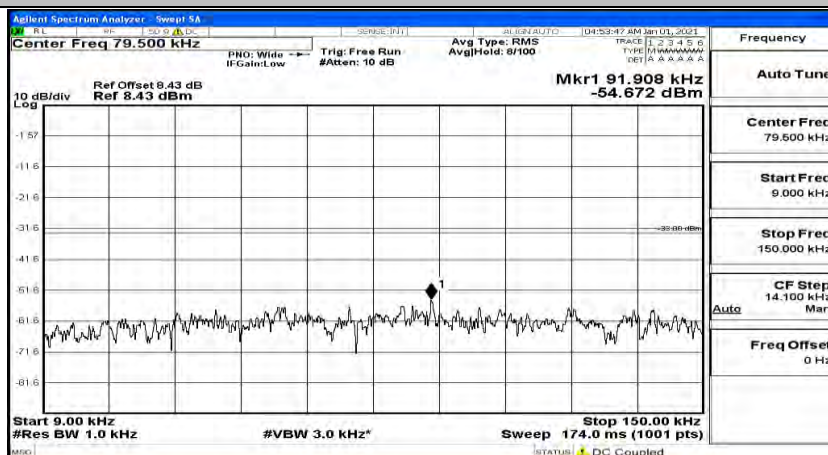
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0

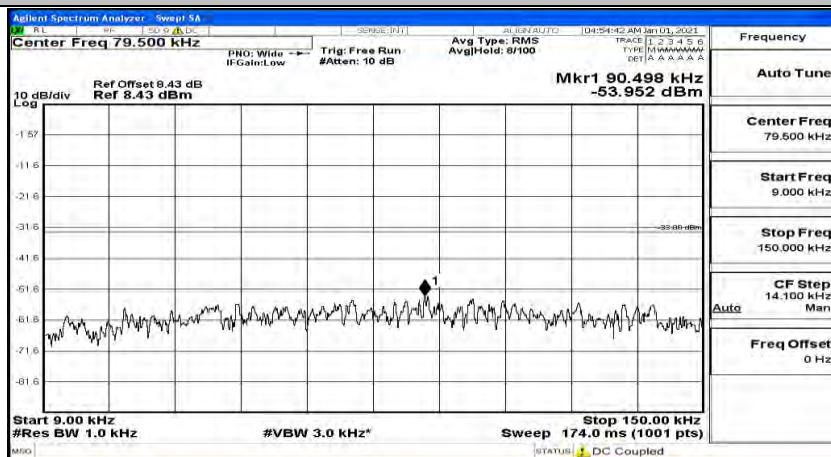


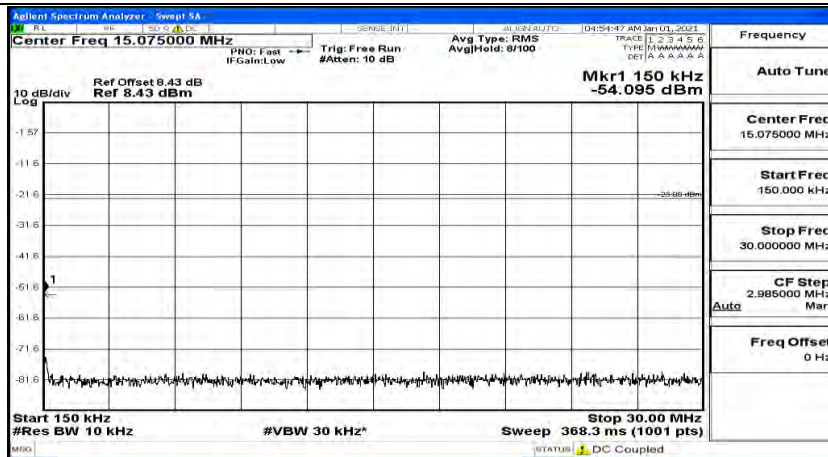
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



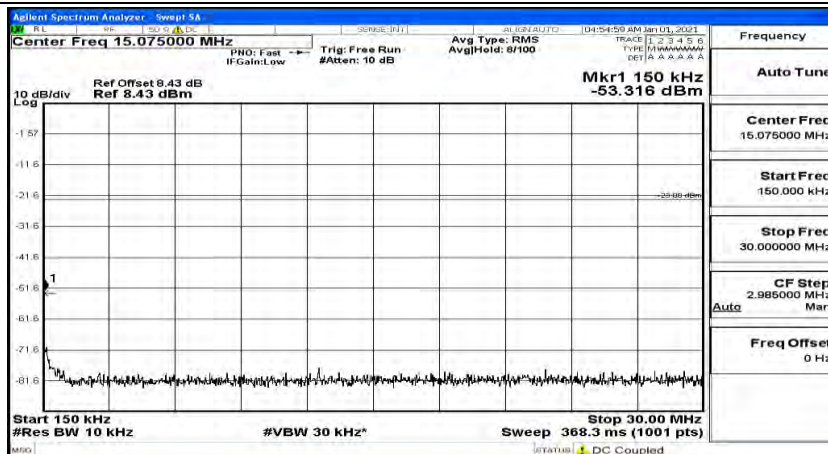
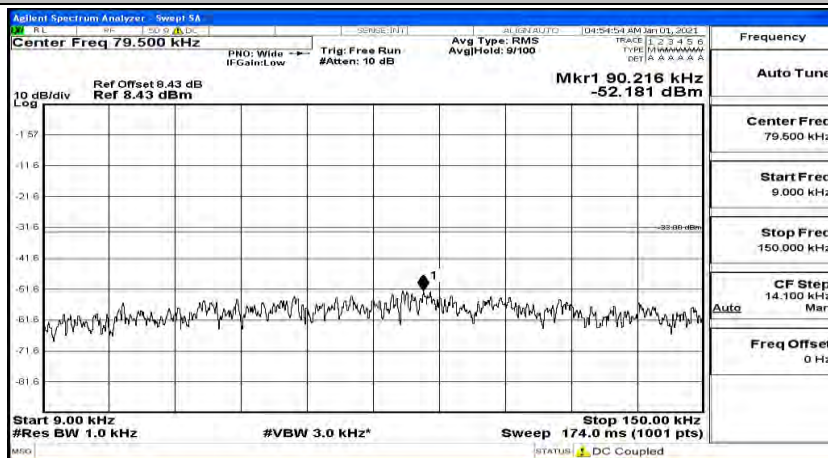
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14





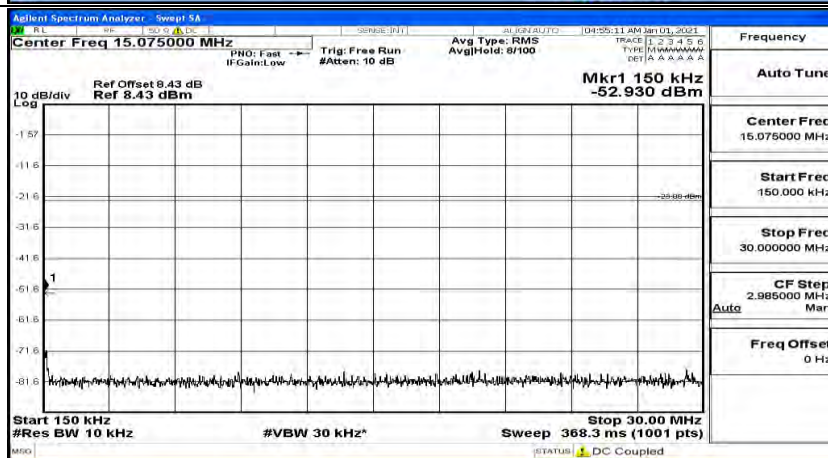
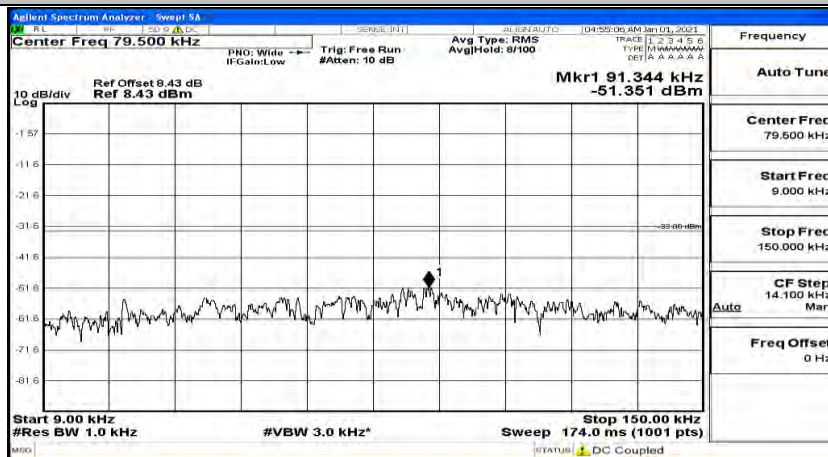


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

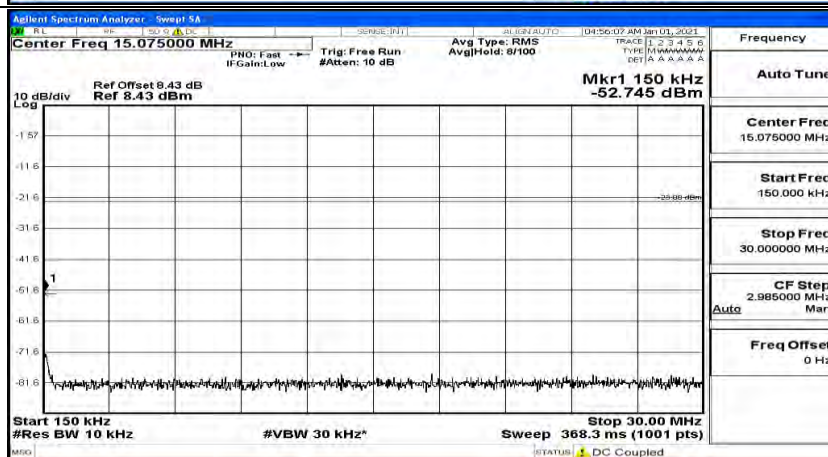
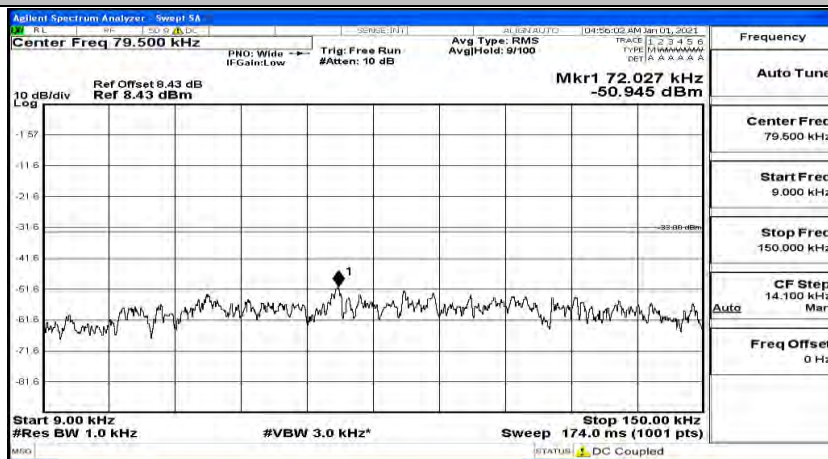




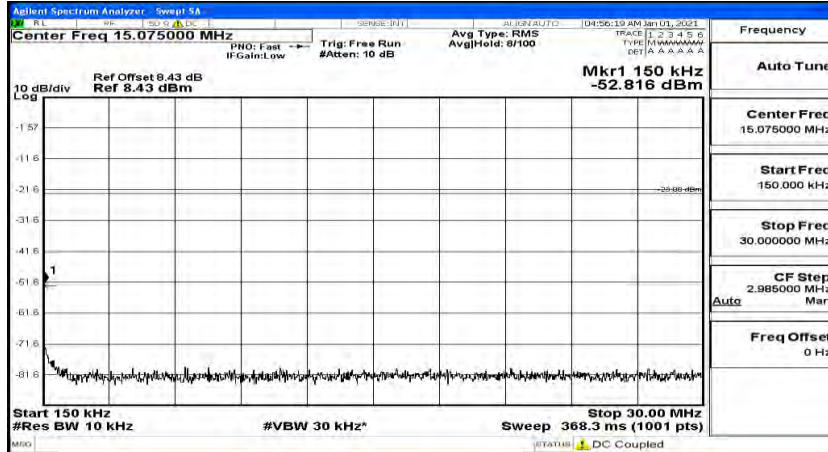
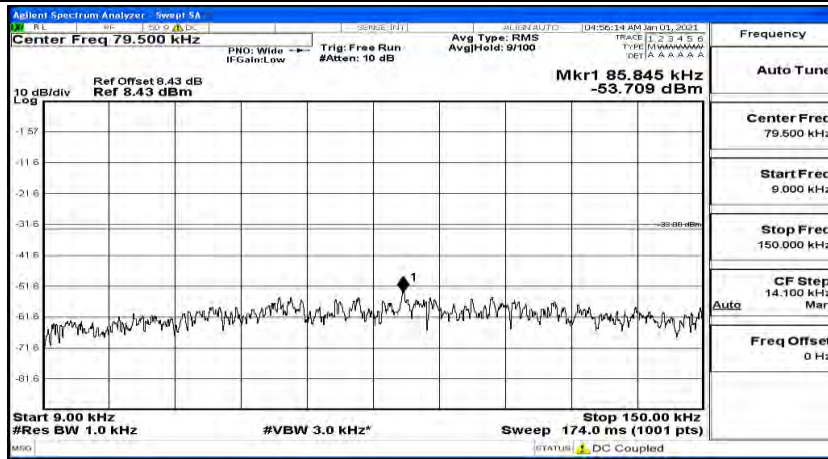
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7



(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14

