

Appendix E: Test Data for E-UTRA Band 4

Product Name: MEITRACK GPS P88L

Trade Mark: MEITRACK®Test

Model: P88L-A

Environmental Conditions

Temperature:	22.8° C
Relative Humidity:	53.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	Li Huan

E.1 Conducted Output Power

Conducted Output Power Test Result (Channel Bandwidth: 1.4 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	22.37	21.49	PASS
		1	3	22.32	21.57	PASS
		1	5	22.22	21.40	PASS
		3	0	22.22	21.25	PASS
		3	2	22.19	21.22	PASS
		3	3	22.15	21.18	PASS
		6	0	22.09	21.09	PASS
	MCH	1	0	22.85	22.01	PASS
		1	3	22.99	21.96	PASS
		1	5	22.74	21.97	PASS
		3	0	22.87	21.68	PASS
		3	2	22.87	21.59	PASS
		3	3	22.79	21.48	PASS
		6	0	21.77	20.92	PASS
	HCH	1	0	22.80	21.78	PASS
		1	3	22.92	22.03	PASS
		1	5	22.86	22.14	PASS
		3	0	22.63	21.40	PASS
		3	2	22.63	21.40	PASS
		3	3	22.70	21.39	PASS
		6	0	21.59	20.59	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	22.32	21.49	PASS
		1	7	22.26	21.47	PASS
		1	14	22.13	21.30	PASS
		8	0	22.10	21.24	PASS
		8	4	22.08	21.23	PASS
		8	7	22.01	20.97	PASS
		15	0	21.99	21.13	PASS
	MCH	1	0	22.85	21.60	PASS
		1	7	22.84	21.51	PASS
		1	14	22.64	21.32	PASS
		8	0	21.80	20.98	PASS
		8	4	21.80	20.98	PASS
		8	7	21.76	20.93	PASS
		15	0	21.82	20.87	PASS
	HCH	1	0	22.47	21.23	PASS
		1	7	22.87	21.59	PASS
		1	14	23.01	21.75	PASS
		8	0	21.53	20.50	PASS
		8	4	21.53	20.41	PASS
		8	7	21.68	20.48	PASS
		15	0	21.49	20.45	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	22.15	21.17	PASS
		1	12	22.18	21.25	PASS
		1	24	22.10	21.21	PASS
		12	0	21.93	21.02	PASS
		12	6	21.91	21.11	PASS
		12	13	21.94	21.13	PASS
		25	0	21.92	21.04	PASS
	MCH	1	0	22.73	21.78	PASS
		1	12	23.22	22.00	PASS
		1	24	22.98	21.65	PASS
		12	0	21.77	20.83	PASS
		12	6	21.77	20.83	PASS
		12	13	21.75	20.79	PASS
		25	0	21.70	20.85	PASS
	HCH	1	0	22.49	21.47	PASS
		1	12	22.93	21.66	PASS
		1	24	22.94	21.57	PASS
		12	0	21.51	20.50	PASS
		12	6	21.53	20.42	PASS
		12	13	21.71	20.72	PASS
		25	0	21.59	20.62	PASS

Conducted Output Power Test Result (Channel Bandwidth: 10 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	21.36	20.60	PASS
		1	24	22.35	21.61	PASS
		1	49	22.39	21.60	PASS
		25	0	21.78	20.86	PASS
		25	12	21.77	20.86	PASS
		25	25	22.39	21.49	PASS
		50	0	22.05	21.15	PASS
	MCH	1	0	22.26	21.17	PASS
		1	24	23.30	22.26	PASS
		1	49	22.46	22.32	PASS
		25	0	21.70	20.93	PASS
		25	12	21.80	20.84	PASS
		25	25	21.64	20.87	PASS
		50	0	21.67	20.98	PASS
	HCH	1	0	22.24	21.36	PASS
		1	24	22.66	21.85	PASS
		1	49	22.27	21.49	PASS
		25	0	21.65	20.61	PASS
		25	12	21.65	20.65	PASS
		25	25	21.76	20.77	PASS
		50	0	21.61	20.57	PASS

Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm] QPSK	Average Power [dBm] 16QAM	Verdict
		Size	Offset			
QPSK / 16QAM	LCH	1	0	21.12	20.38	PASS
		1	37	22.78	22.01	PASS
		1	74	22.39	21.60	PASS
		37	0	22.34	22.30	PASS
		37	18	22.33	22.29	PASS
		37	38	22.32	22.28	PASS
		75	0	22.26	21.24	PASS
	MCH	1	0	22.03	21.36	PASS
		1	37	22.95	21.85	PASS
		1	74	22.50	21.28	PASS
		37	0	21.77	21.64	PASS
		37	18	21.69	21.73	PASS
		37	38	21.67	21.72	PASS
		75	0	21.70	20.89	PASS
	HCH	1	0	22.61	22.37	PASS
		1	37	22.63	21.89	PASS
		1	74	22.10	21.35	PASS
		37	0	21.69	21.66	PASS
		37	18	21.68	21.66	PASS
		37	38	21.67	21.65	PASS
		75	0	21.64	20.74	PASS

Conducted Output Power Test Result (Channel Bandwidth: 20 MHz)

Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	20.95	20.02	PASS
		1	49	23.39	22.48	PASS
		1	99	21.63	20.78	PASS
		50	0	21.97	21.06	PASS
		50	25	21.95	21.05	PASS
		50	50	22.66	21.71	PASS
		100	0	22.32	21.43	PASS
	MCH	1	0	22.24	21.51	PASS
		1	49	23.04	22.32	PASS
		1	99	22.63	21.94	PASS
		50	0	22.04	21.01	PASS
		50	25	22.03	21.09	PASS
		50	50	21.65	20.72	PASS
		100	0	21.85	20.89	PASS
	HCH	1	0	22.59	21.53	PASS
		1	49	22.88	21.57	PASS
		1	99	21.72	20.92	PASS
		50	0	21.64	20.68	PASS
		50	25	21.56	20.69	PASS
		50	50	21.57	20.56	PASS
		100	0	21.62	20.54	PASS

E.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	5.63	<13	PASS
	MCH	5.23	<13	PASS
	HCH	5.18	<13	PASS
16QAM	LCH	6.05	<13	PASS
	MCH	6.06	<13	PASS
	HCH	5.95	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.38	<13	PASS
	MCH	5.31	<13	PASS
	HCH	5.29	<13	PASS
16QAM	LCH	6.16	<13	PASS
	MCH	6.14	<13	PASS
	HCH	6.08	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.37	<13	PASS
	MCH	5.27	<13	PASS
	HCH	5.33	<13	PASS
16QAM	LCH	6.13	<13	PASS
	MCH	6.05	<13	PASS
	HCH	6.05	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.35	<13	PASS
	MCH	5.26	<13	PASS
	HCH	5.25	<13	PASS
16QAM	LCH	6.1	<13	PASS
	MCH	6.05	<13	PASS
	HCH	6.04	<13	PASS

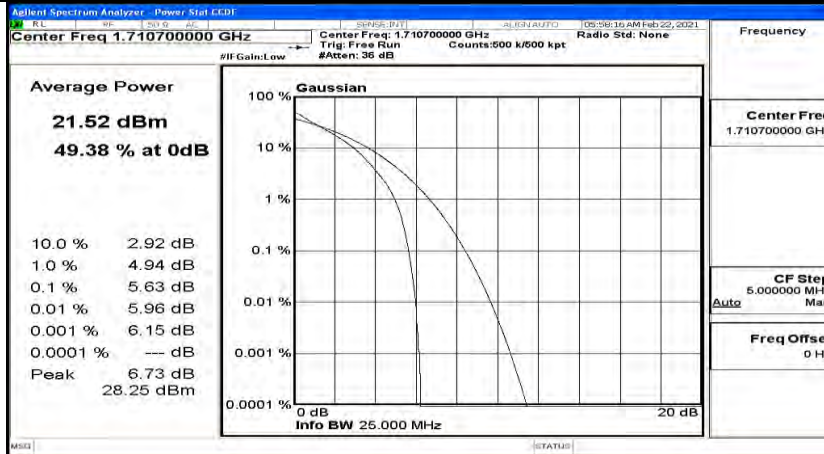
Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.38	<13	PASS
	MCH	5.41	<13	PASS
	HCH	5.45	<13	PASS
16QAM	LCH	6.1	<13	PASS
	MCH	6.06	<13	PASS
	HCH	6.11	<13	PASS

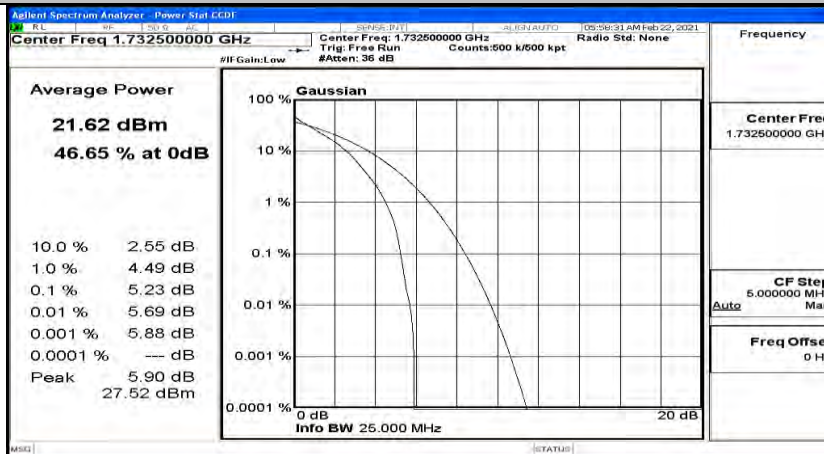
Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.08	<13	PASS
	MCH	5.18	<13	PASS
	HCH	5.17	<13	PASS
16QAM	LCH	5.94	<13	PASS
	MCH	5.94	<13	PASS
	HCH	5.94	<13	PASS

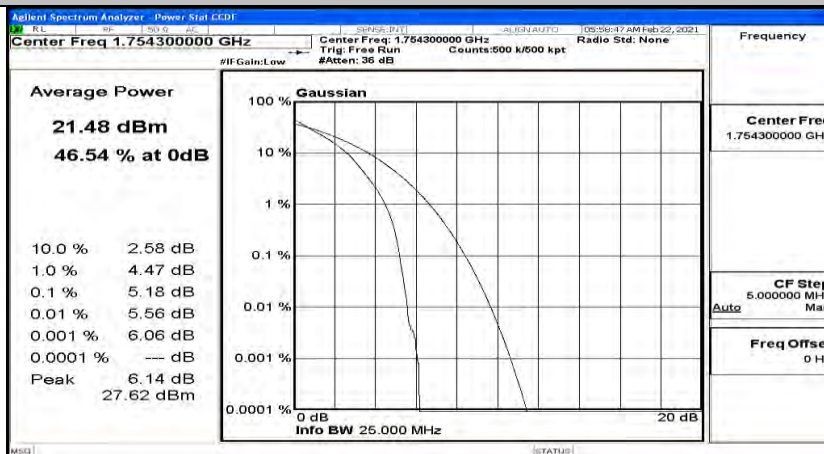
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



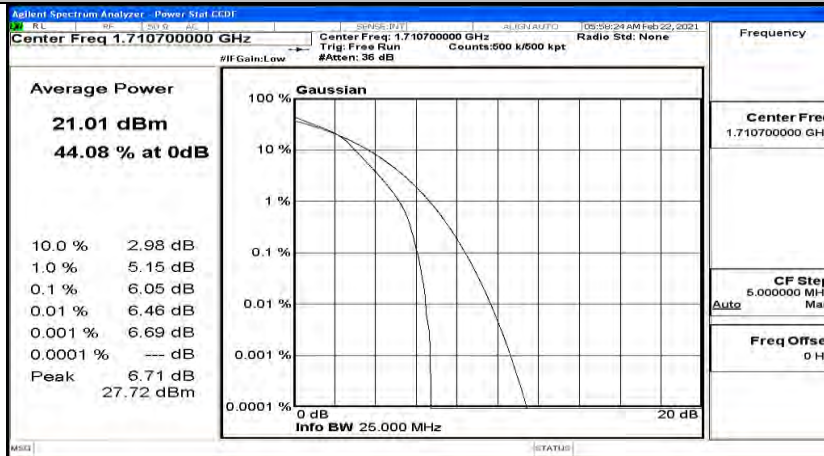
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



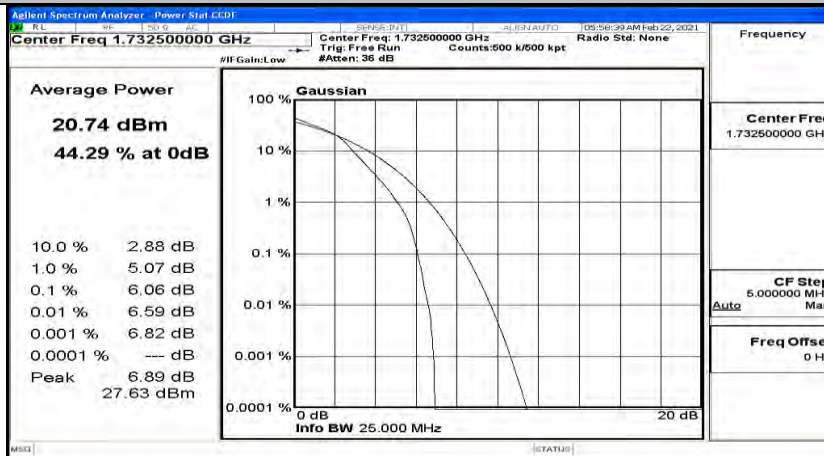
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



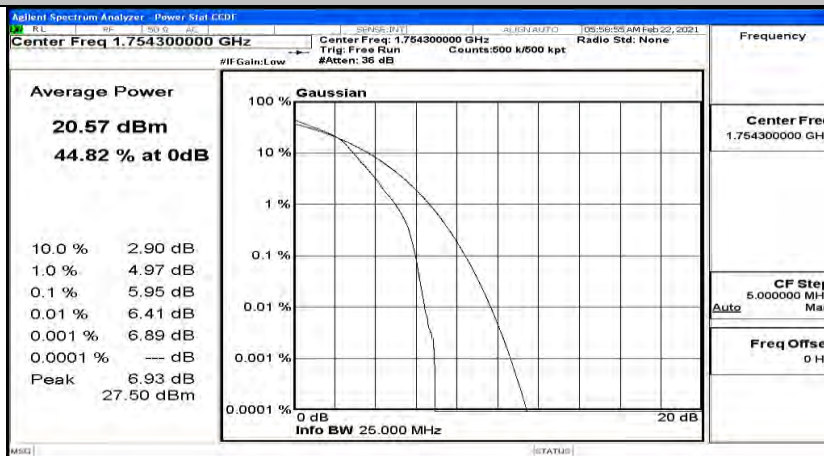
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



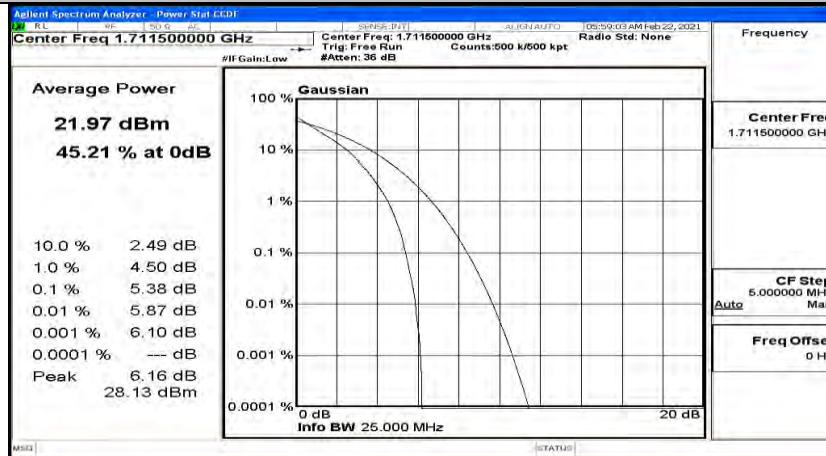
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



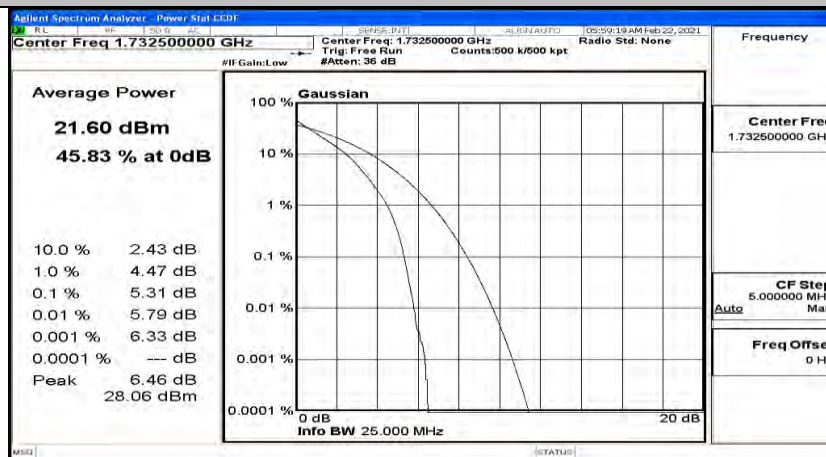
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



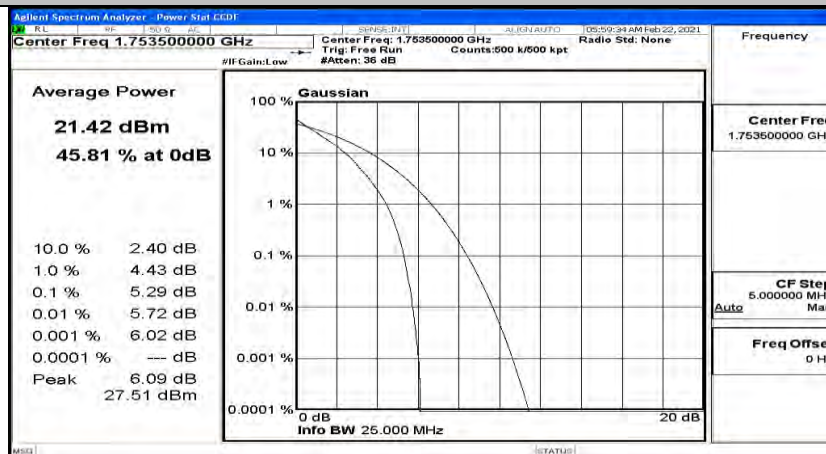
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



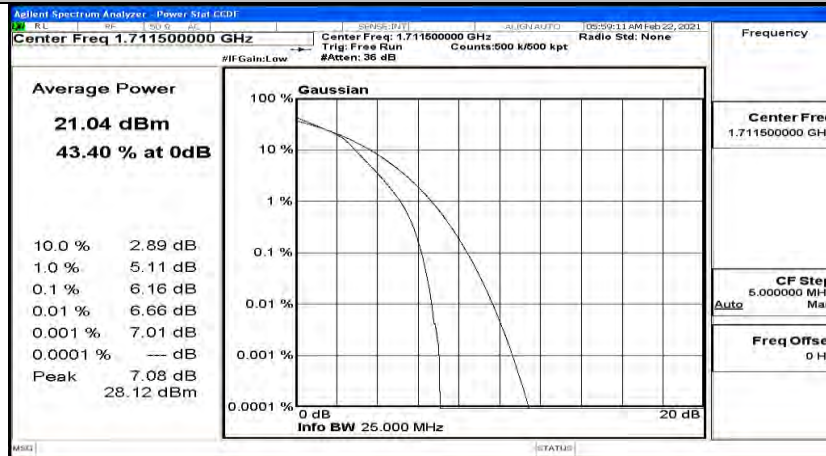
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



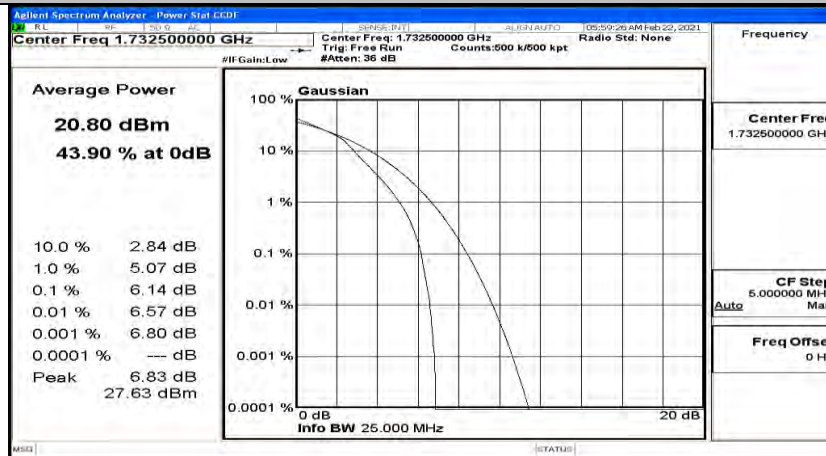
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



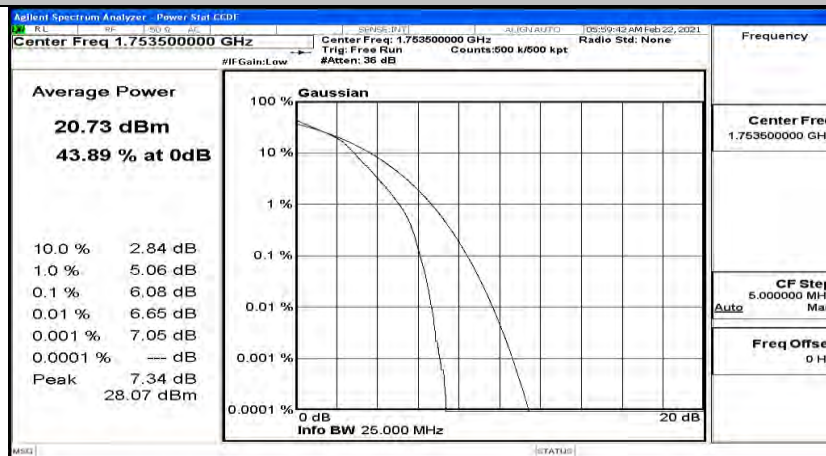
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



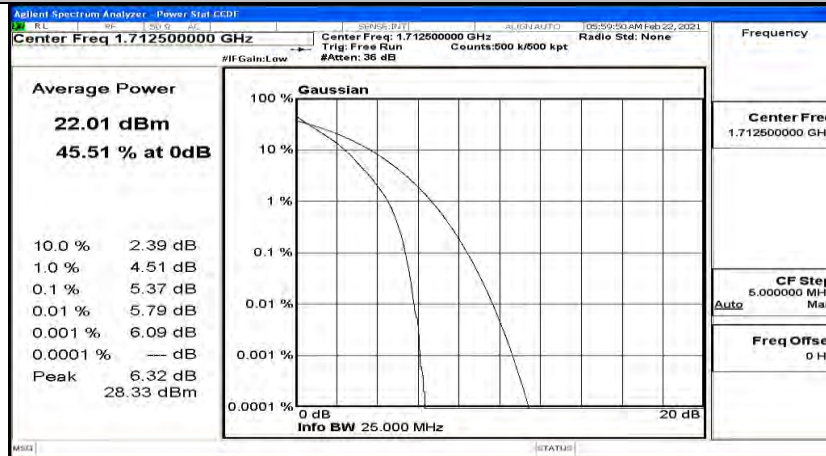
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



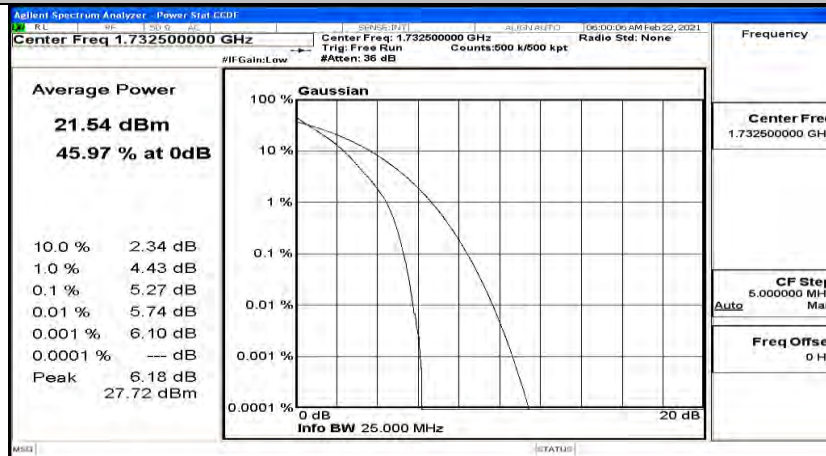
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



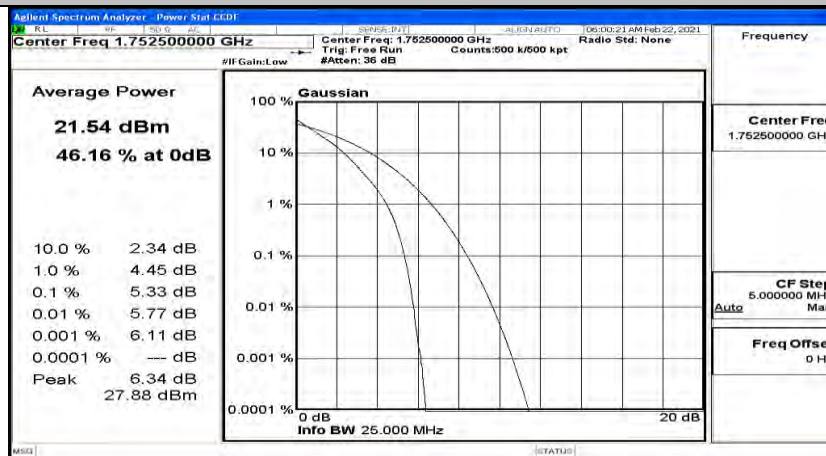
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



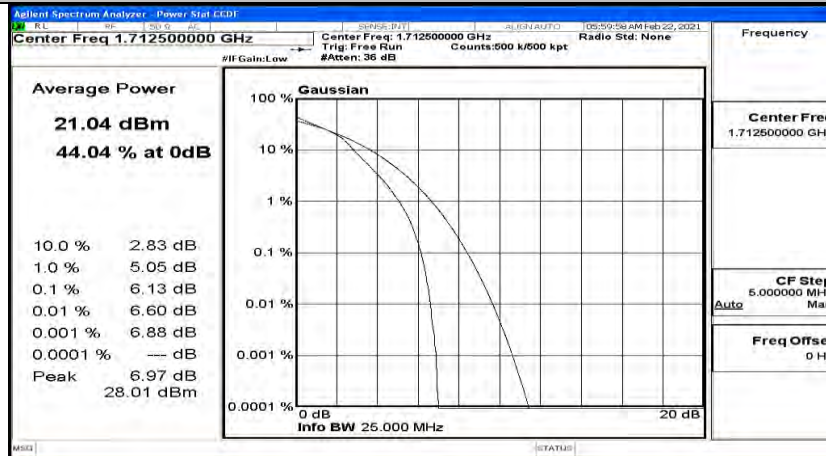
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



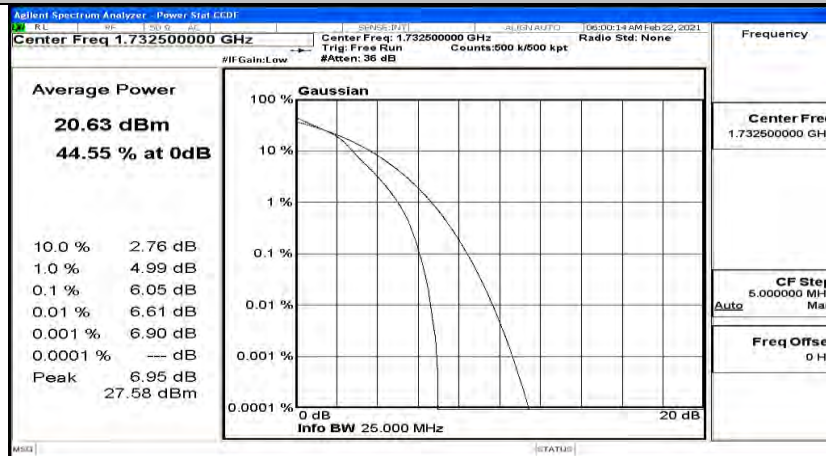
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



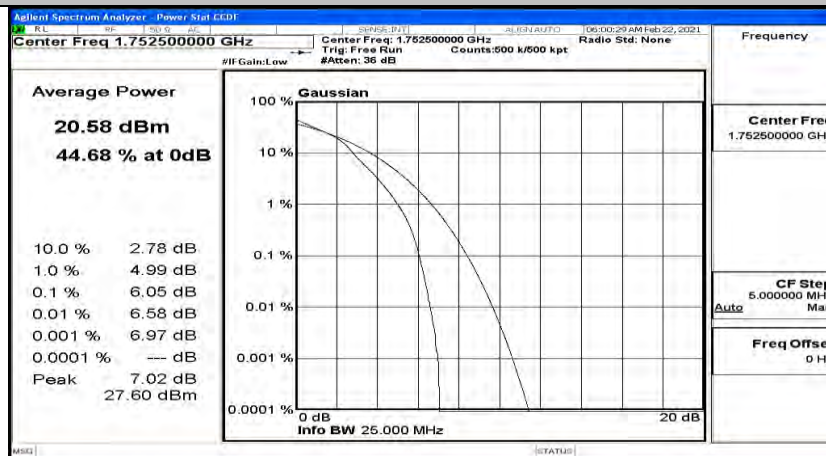
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



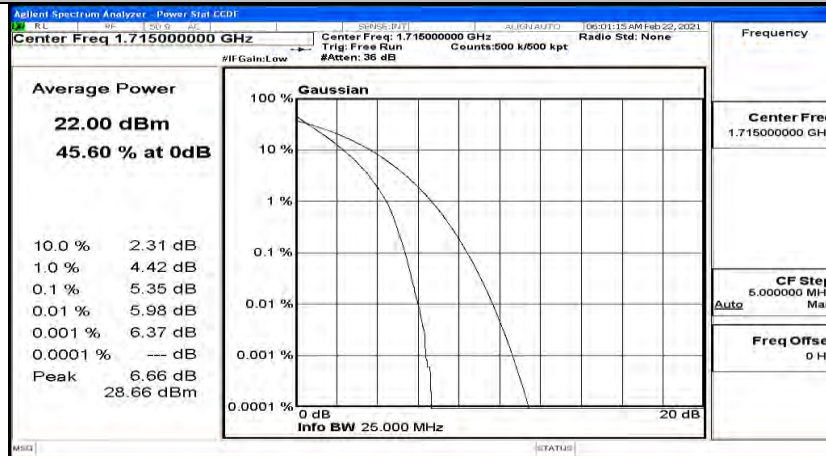
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



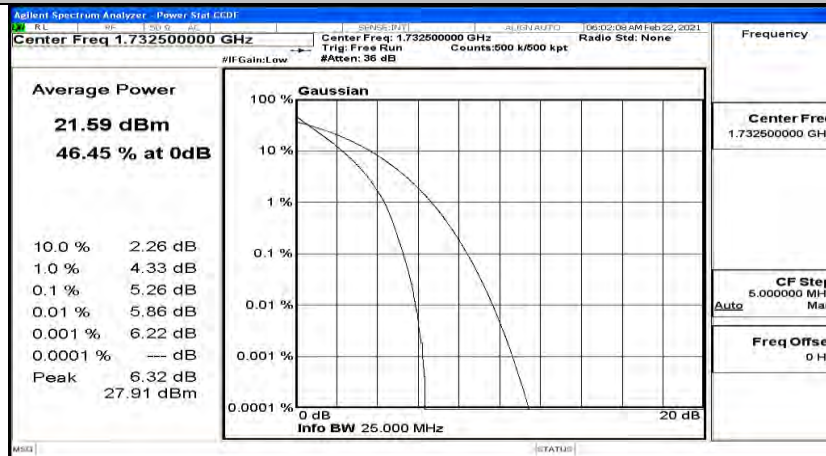
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



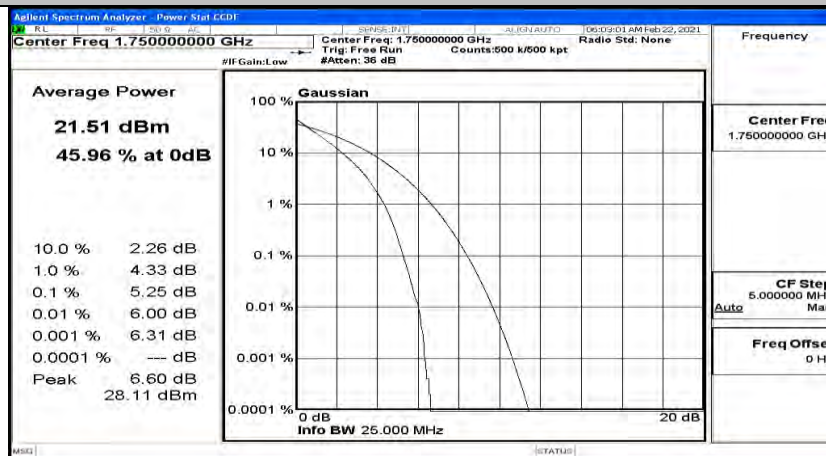
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



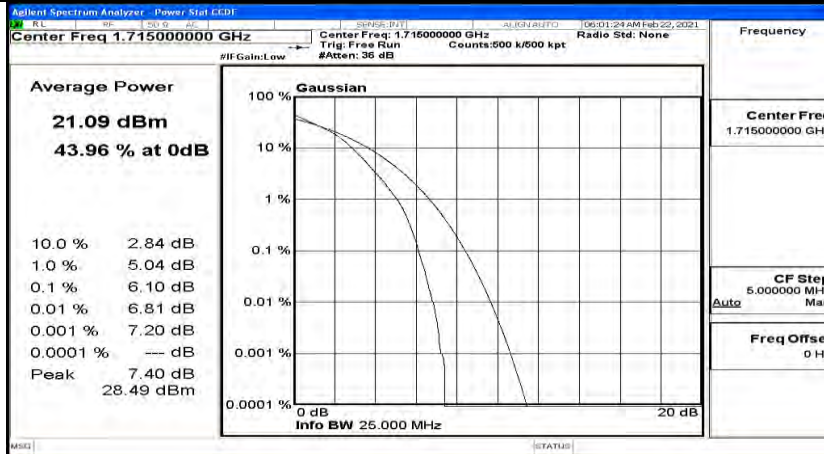
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



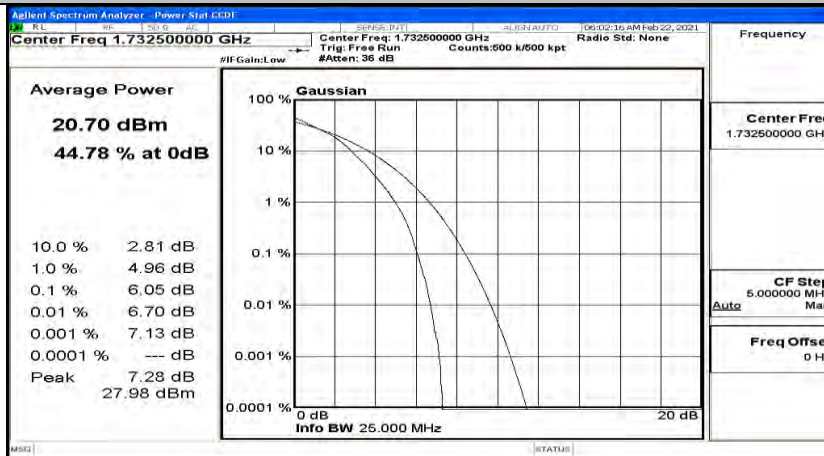
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



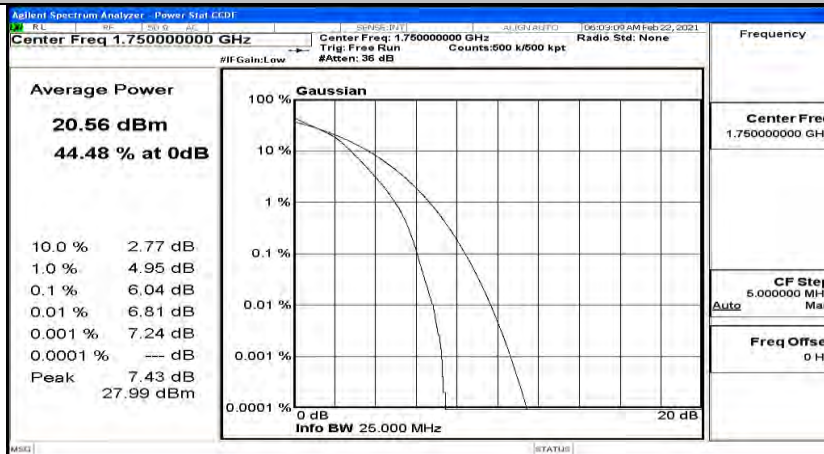
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



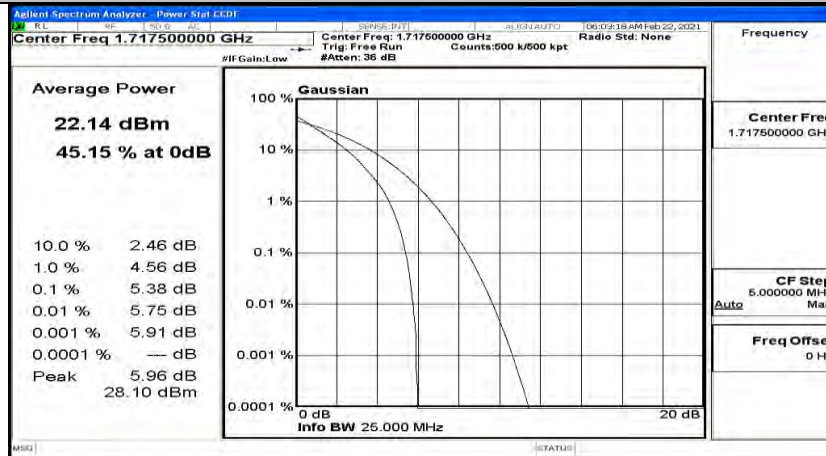
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



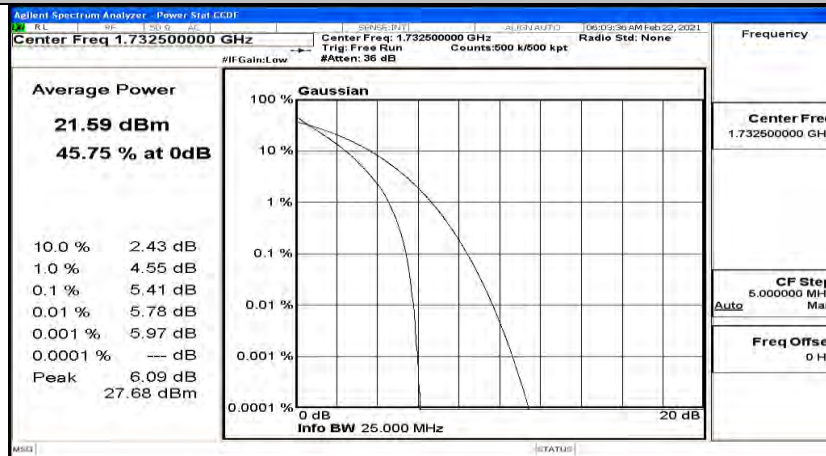
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



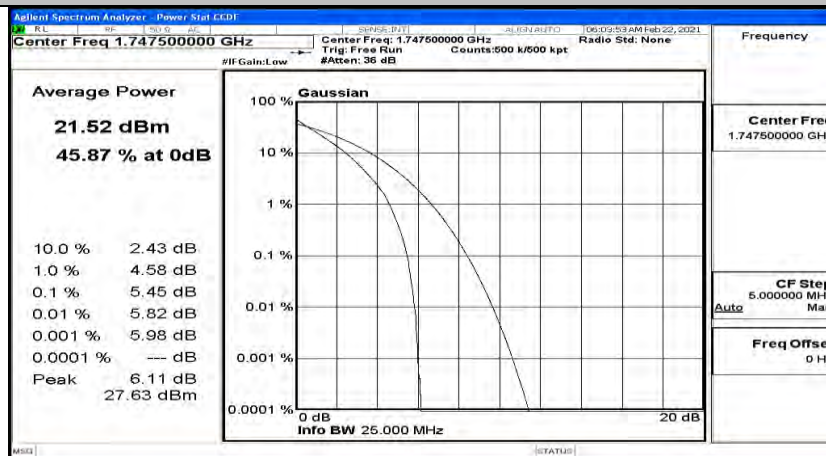
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



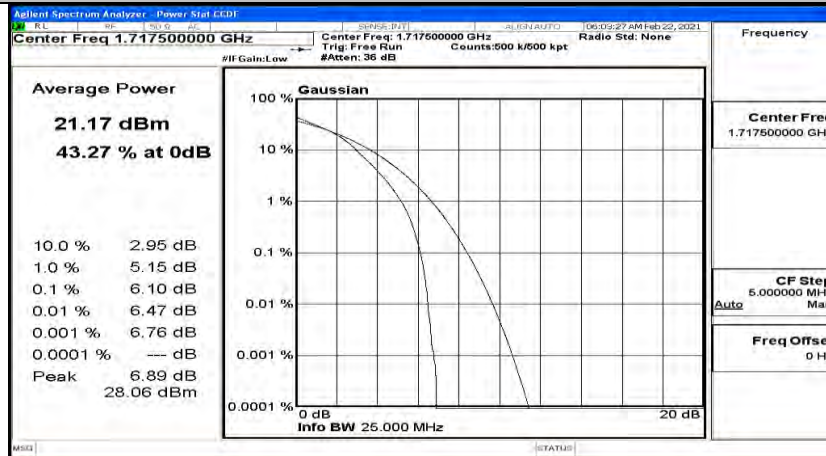
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



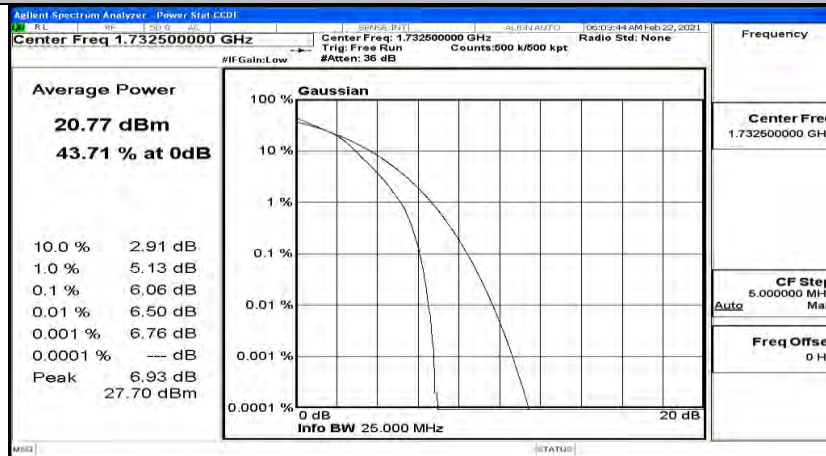
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



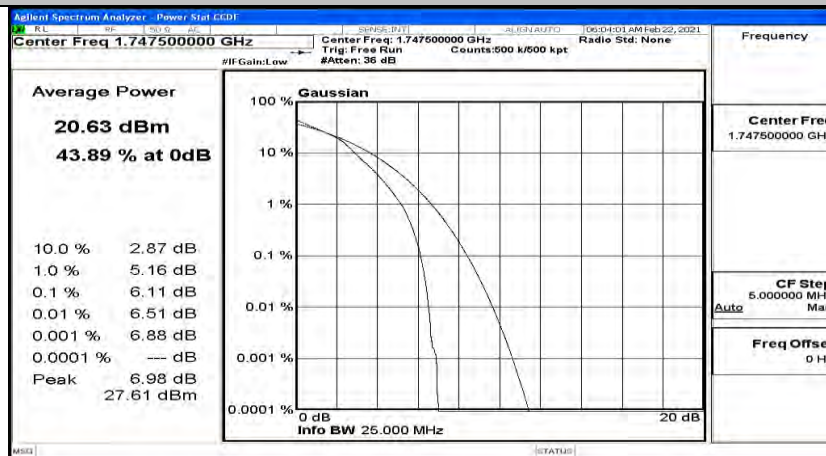
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



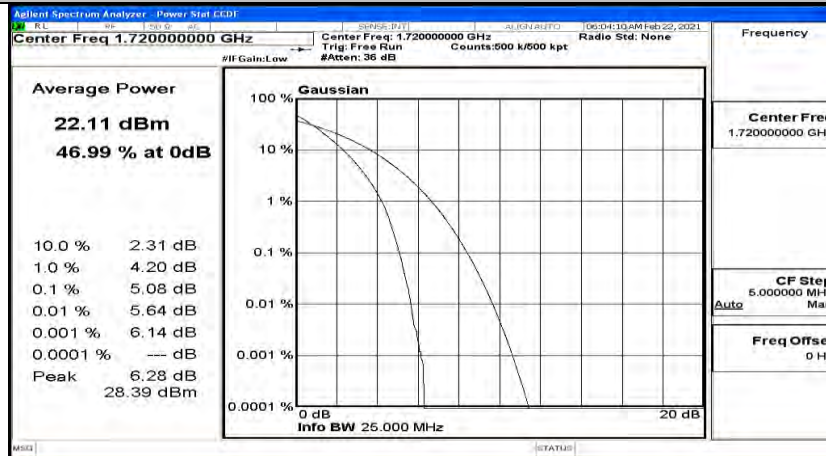
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



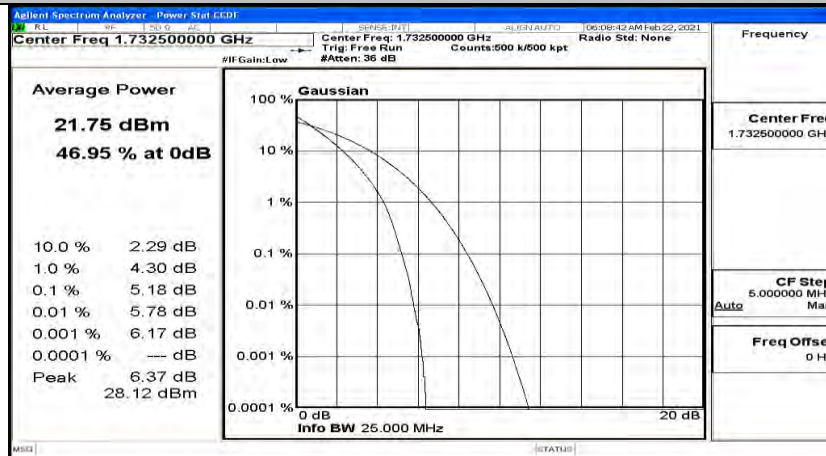
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



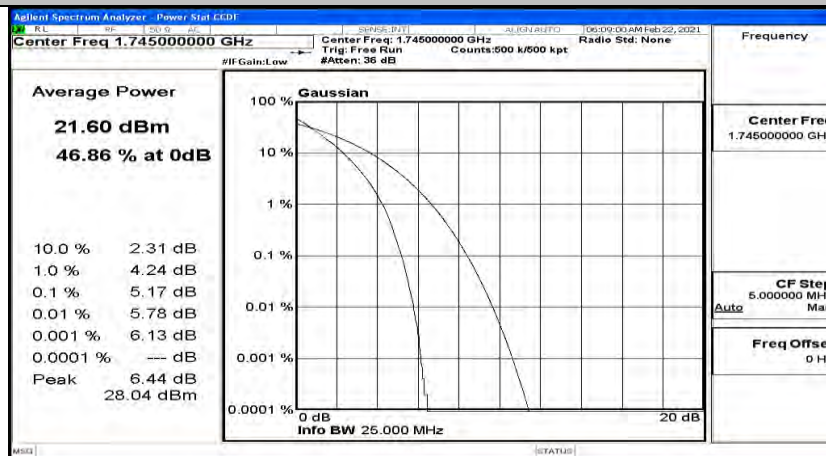
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



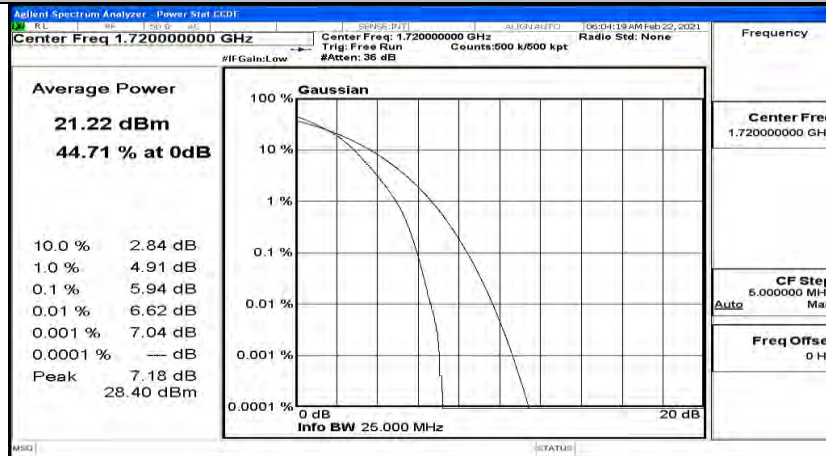
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



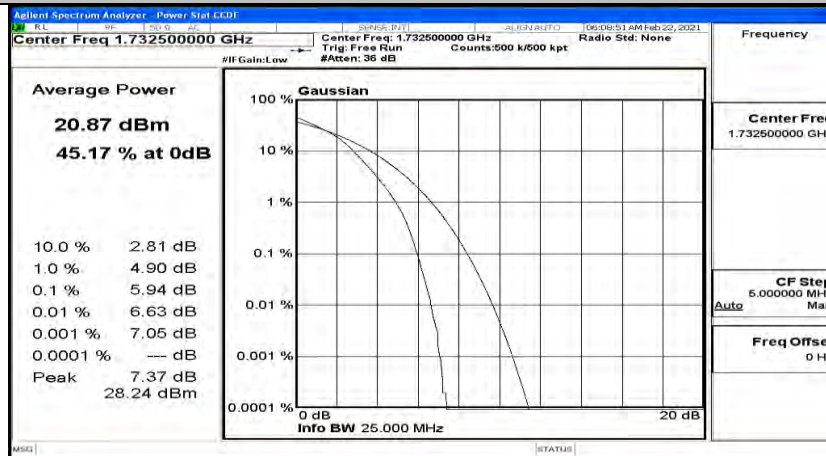
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



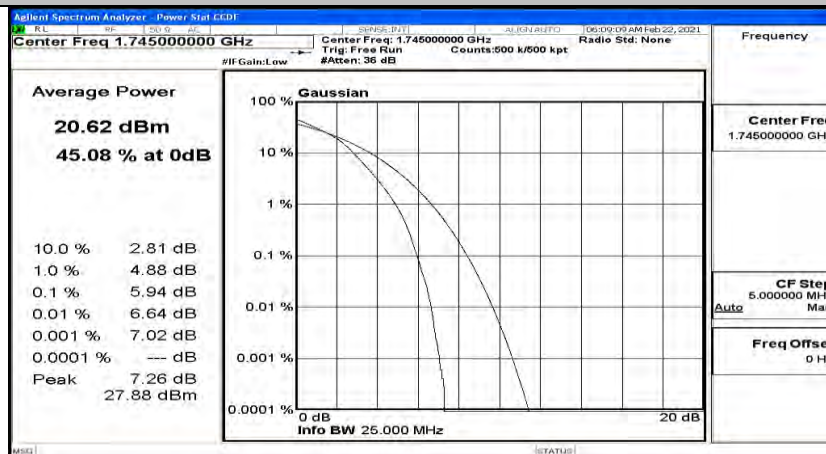
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_16QAM



Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM



E.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	1.0779	1.222	PASS
	MCH	1.0754	1.244	PASS
	HCH	1.0747	1.225	PASS
16QAM	LCH	1.0776	1.225	PASS
	MCH	1.0769	1.230	PASS
	HCH	1.0787	1.253	PASS

EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6762	2.885	PASS
	MCH	2.6883	2.895	PASS
	HCH	2.6920	2.871	PASS
16QAM	LCH	2.6805	2.900	PASS
	MCH	2.6843	2.886	PASS
	HCH	2.6835	2.858	PASS

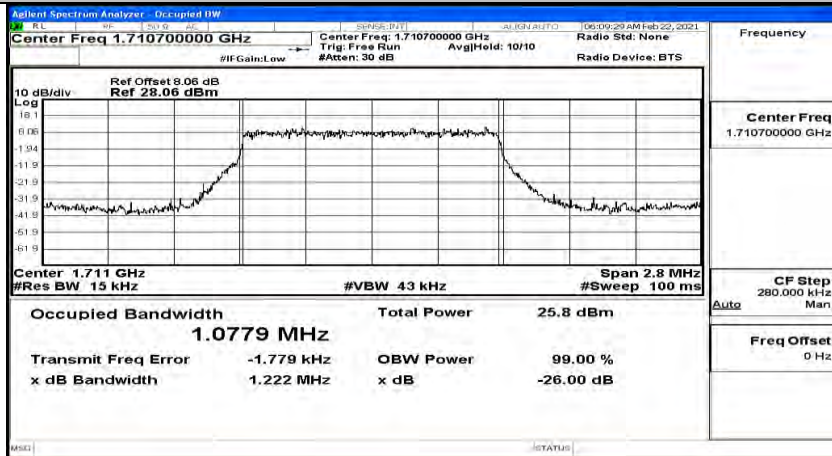
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4681	4.825	PASS
	MCH	4.4729	4.815	PASS
	HCH	4.4873	4.786	PASS
16QAM	LCH	4.4820	4.828	PASS
	MCH	4.4713	4.846	PASS
	HCH	4.4724	4.789	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9205	9.304	PASS
	MCH	8.9379	9.505	PASS
	HCH	8.9262	9.380	PASS
16QAM	LCH	8.9286	9.452	PASS
	MCH	8.9410	9.449	PASS
	HCH	8.9346	9.409	PASS

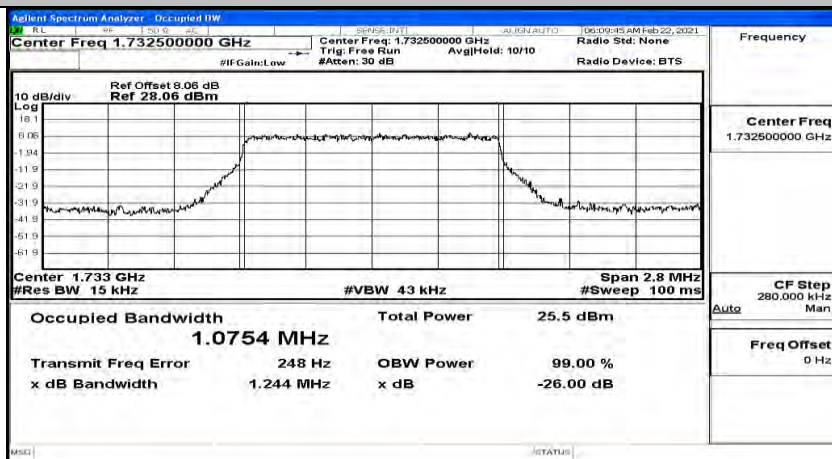
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.388	14.05	PASS
	MCH	13.391	14.03	PASS
	HCH	13.390	14.03	PASS
16QAM	LCH	13.369	13.96	PASS
	MCH	13.383	14.05	PASS
	HCH	13.383	14.04	PASS

EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.794	18.55	PASS
	MCH	17.830	18.63	PASS
	HCH	17.821	18.58	PASS
16QAM	LCH	17.783	18.54	PASS
	MCH	17.838	18.67	PASS
	HCH	17.825	18.56	PASS

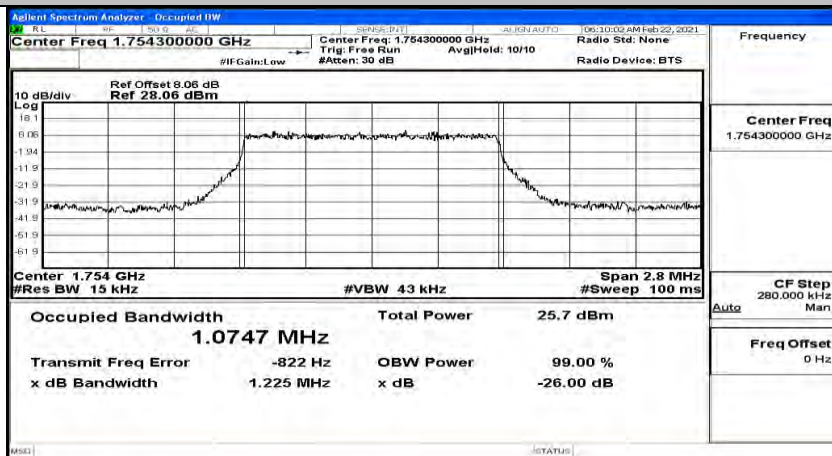
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



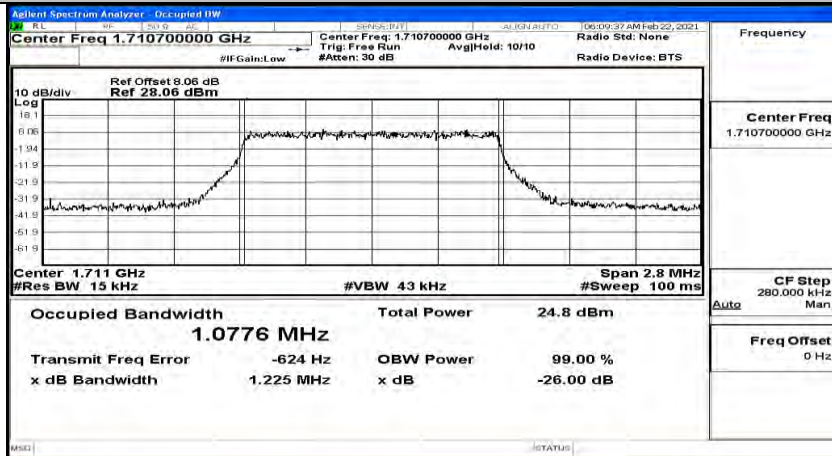
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



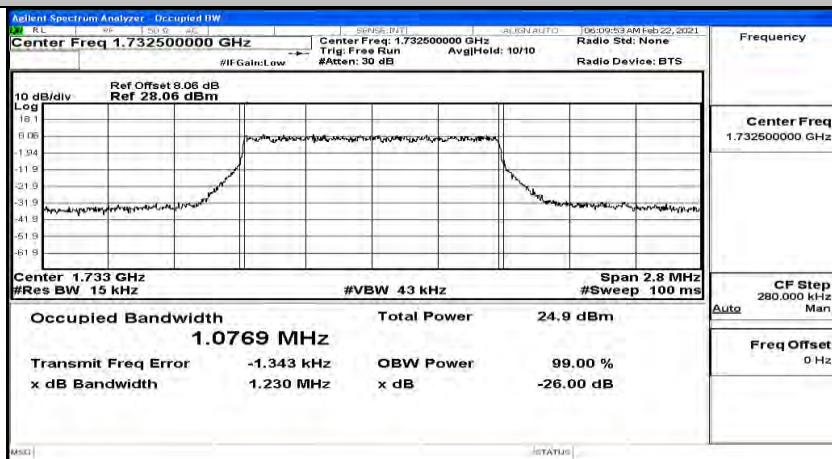
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



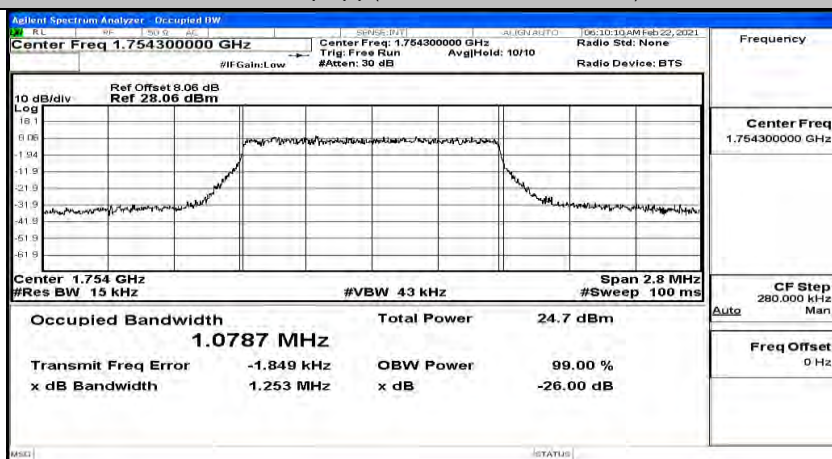
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



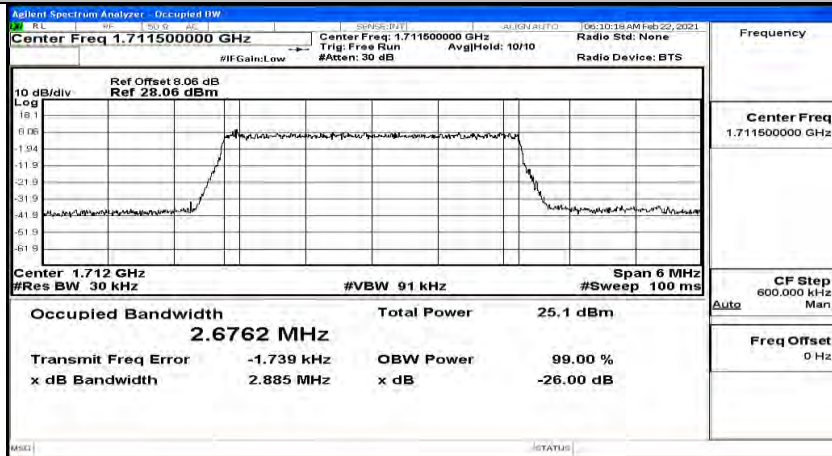
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



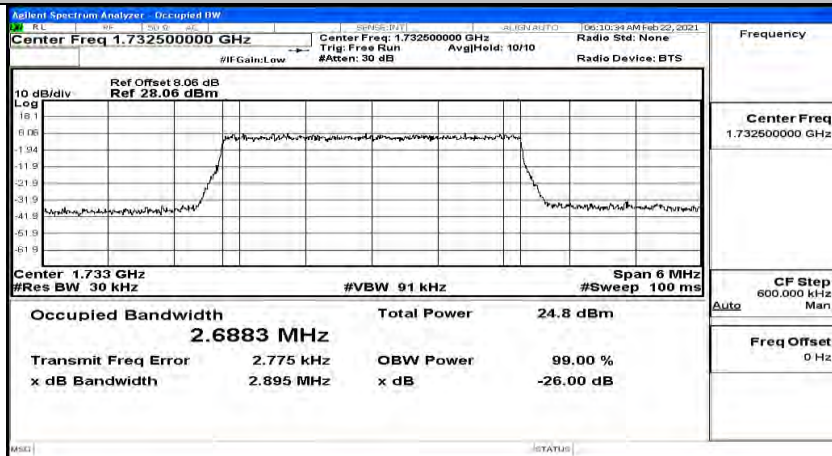
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



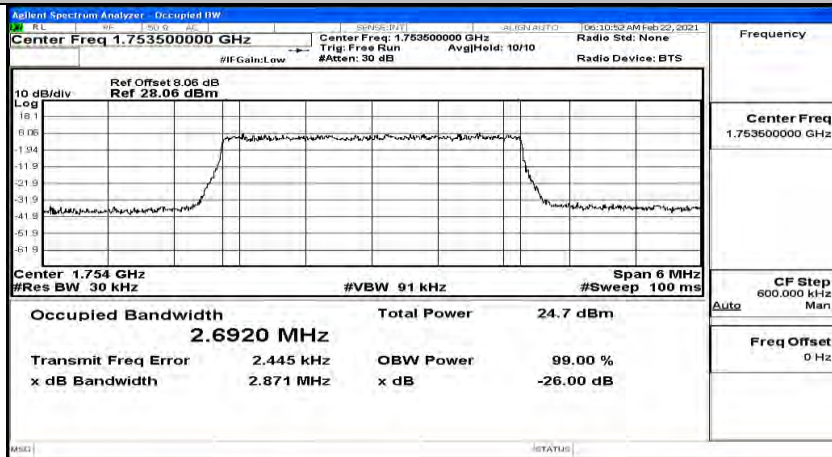
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



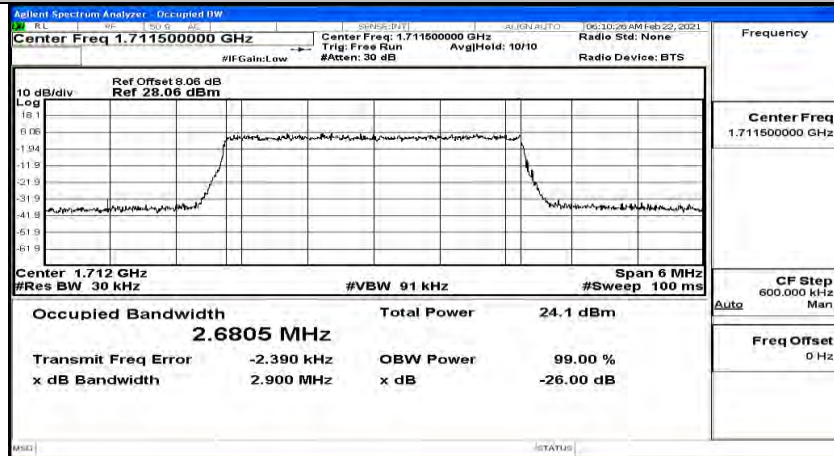
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



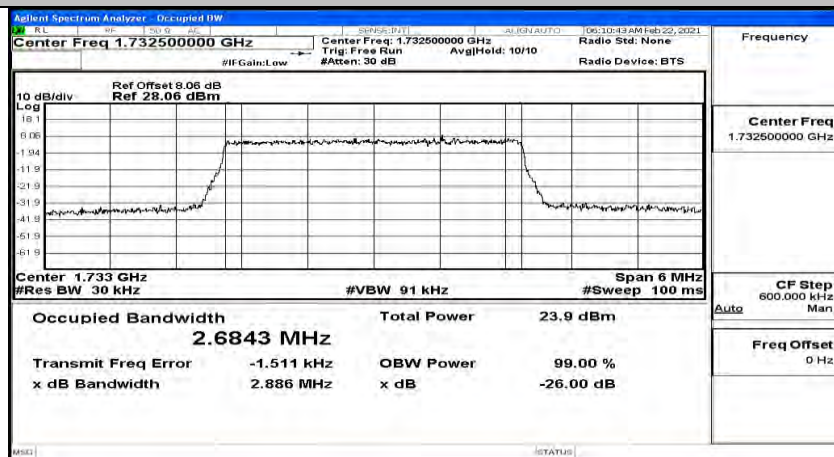
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



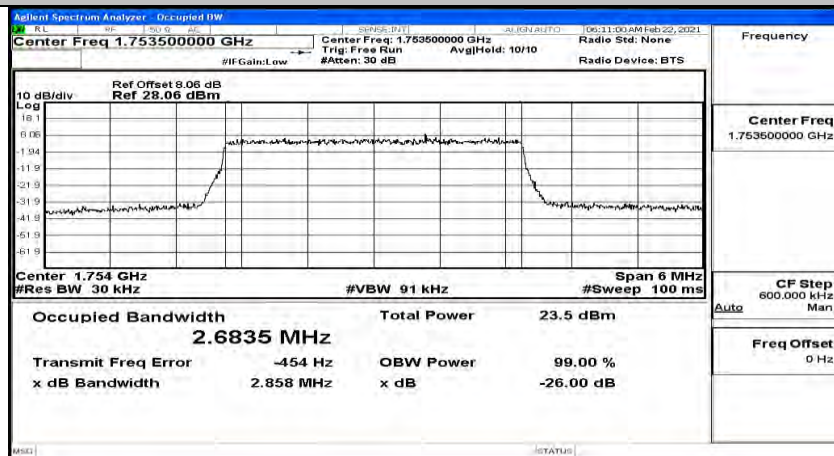
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



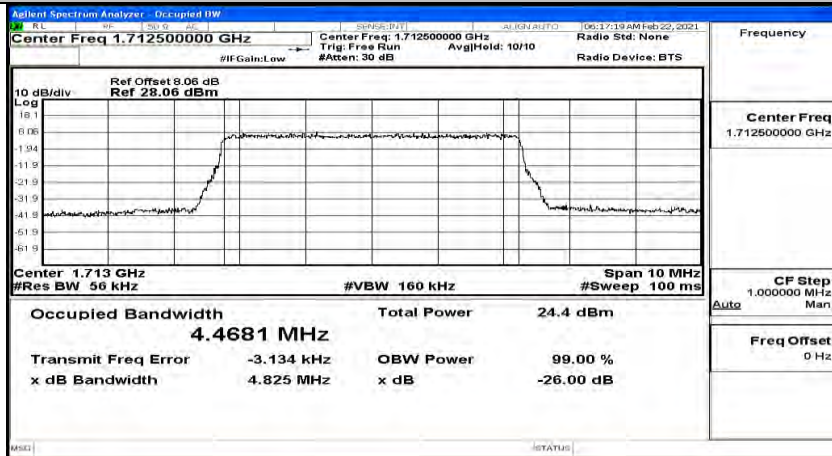
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



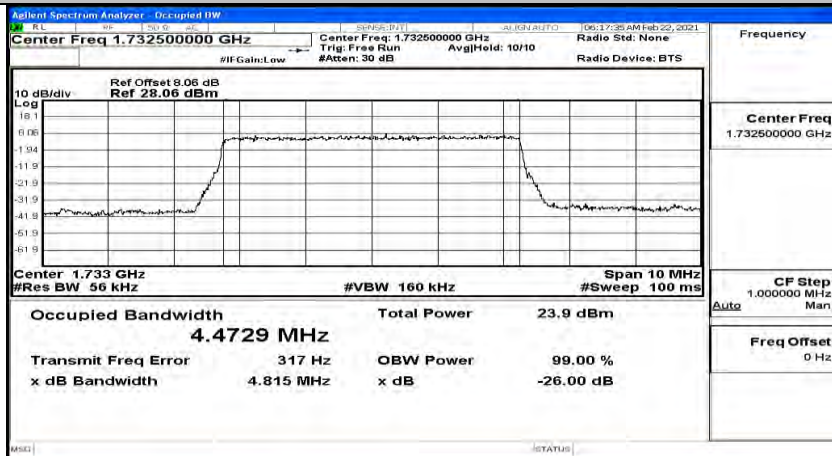
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



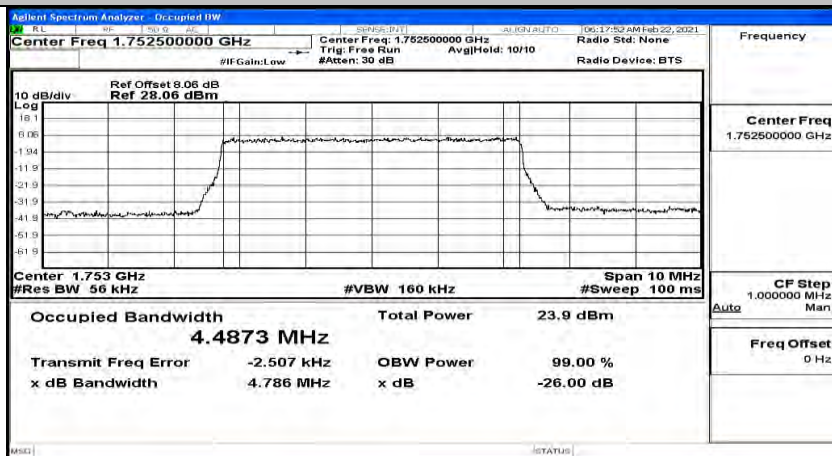
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



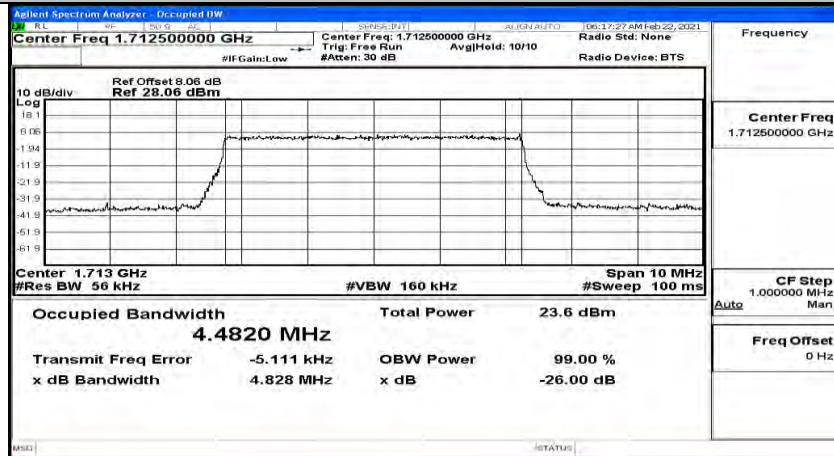
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



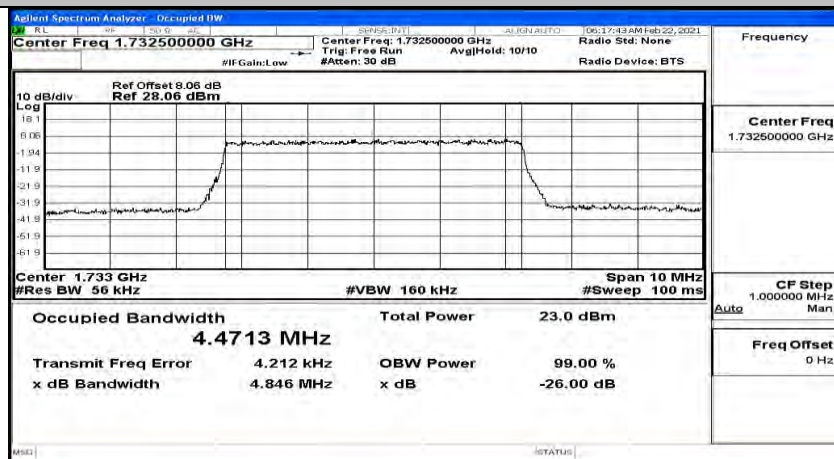
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



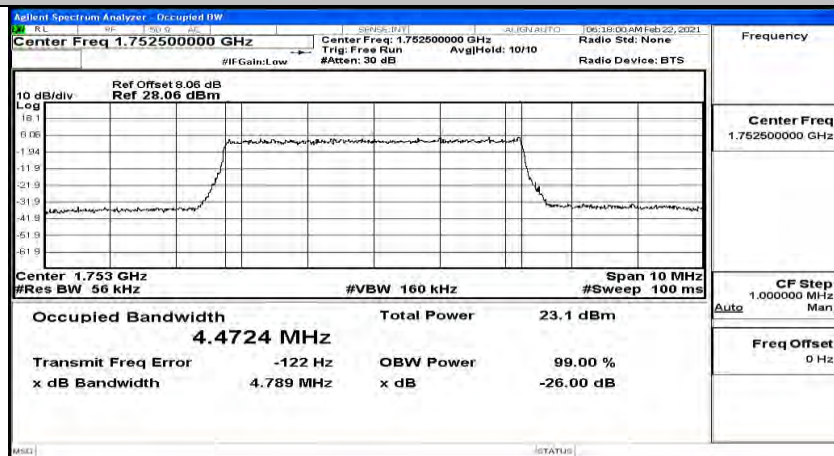
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



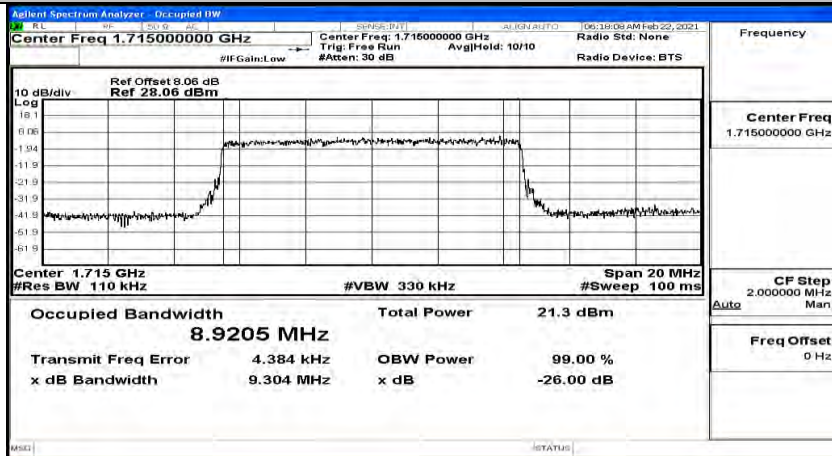
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



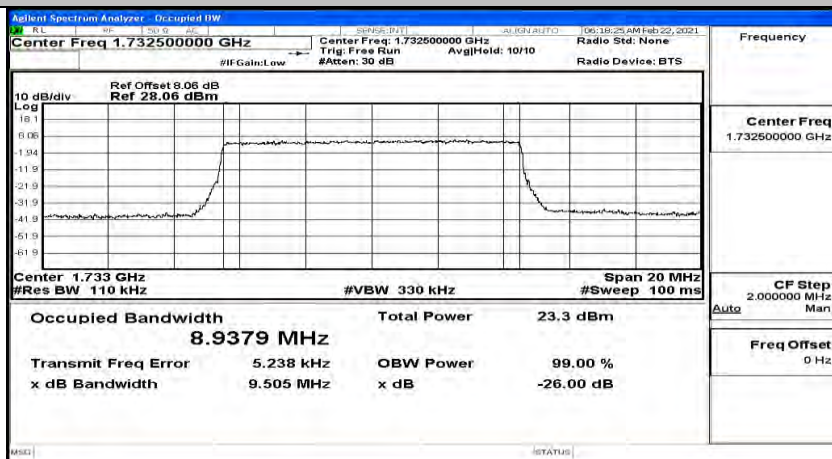
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



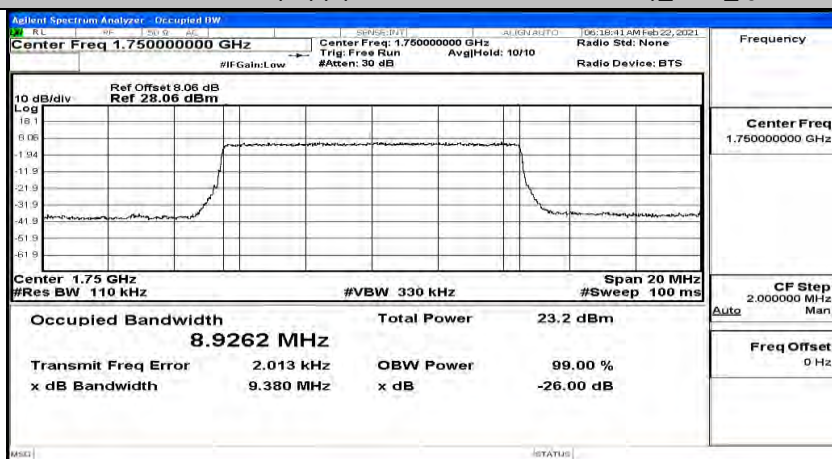
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



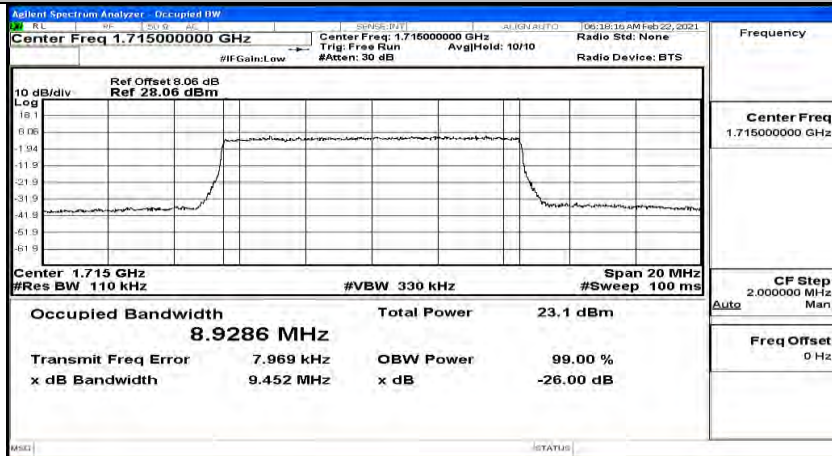
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



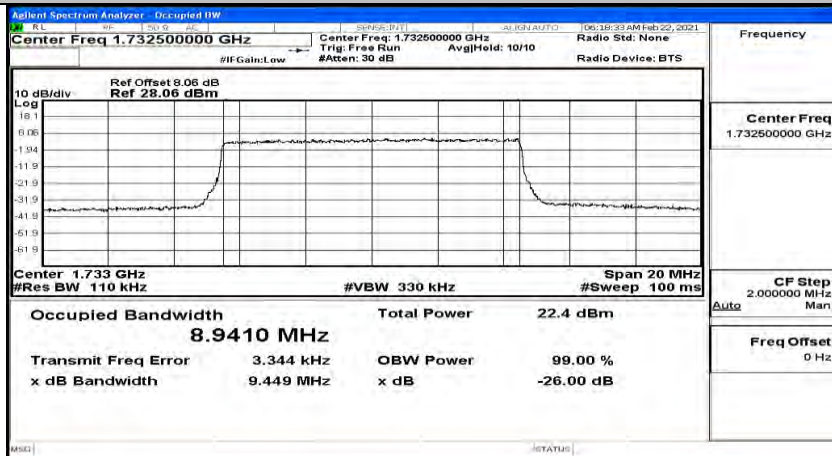
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



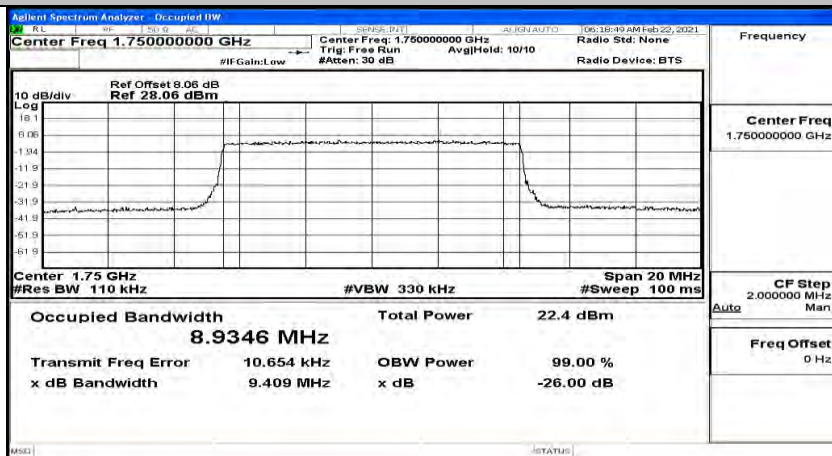
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



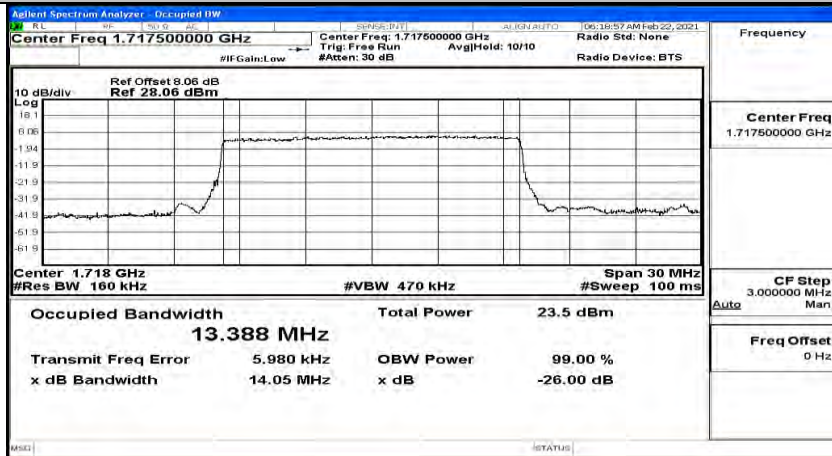
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



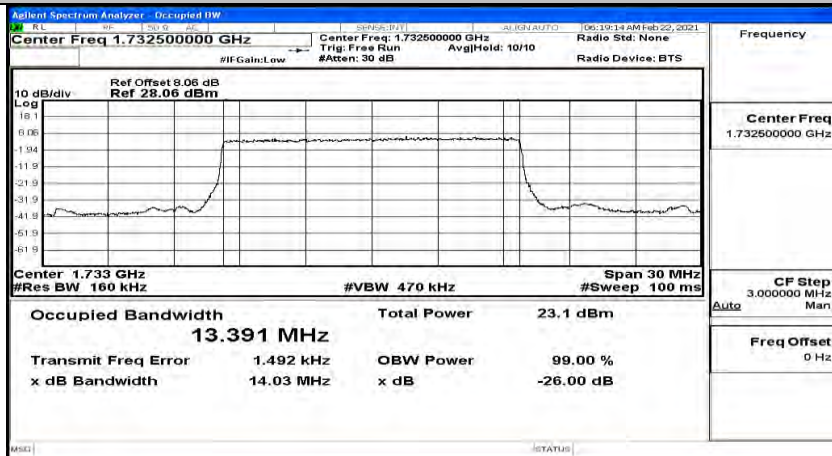
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



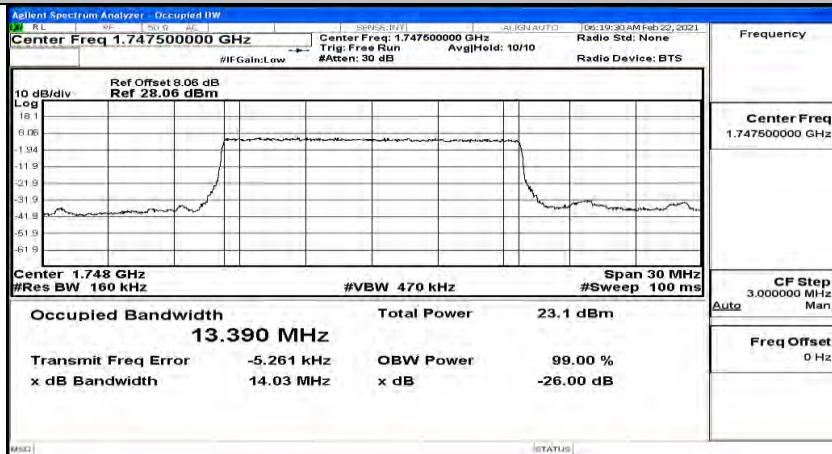
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



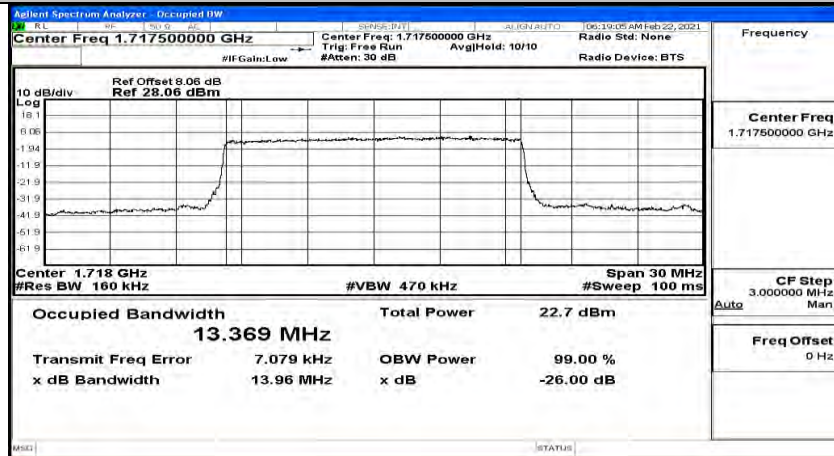
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



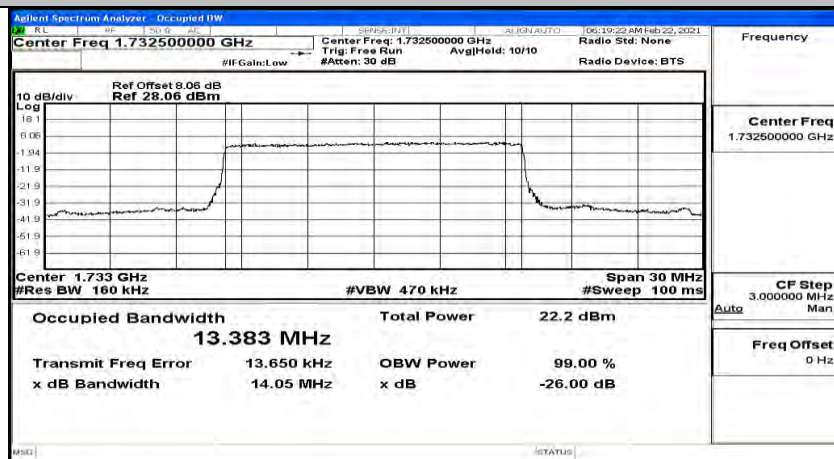
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



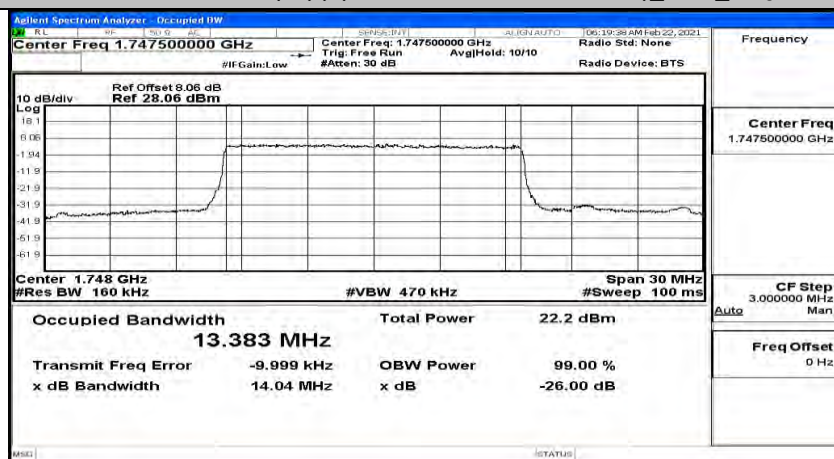
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



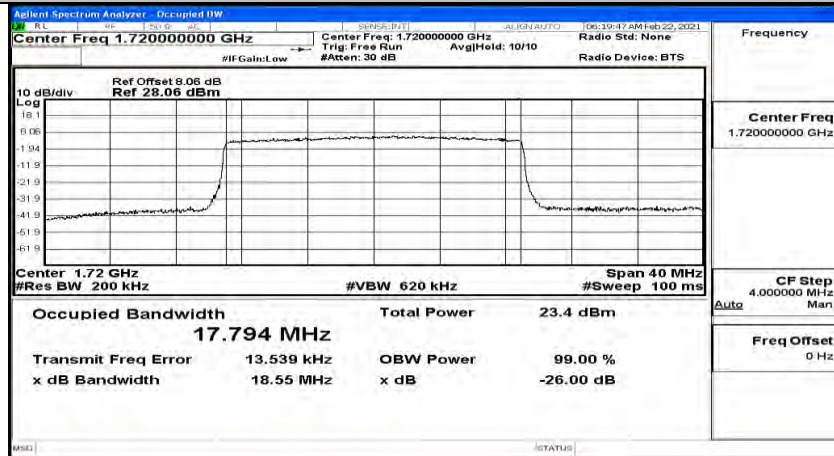
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



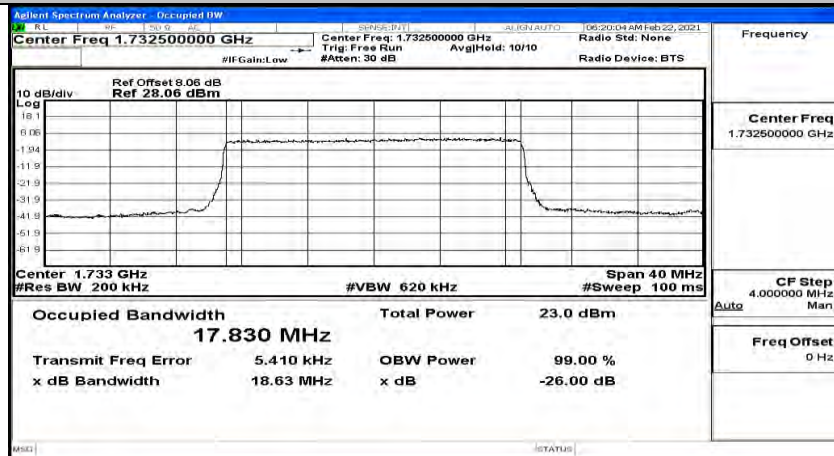
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



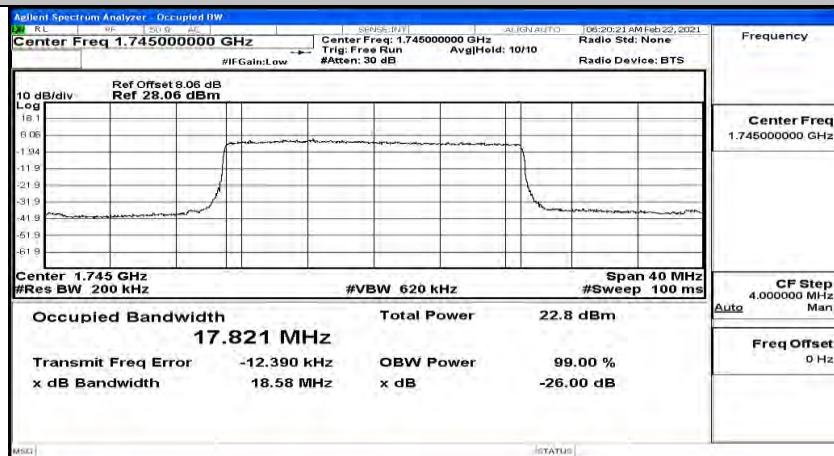
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



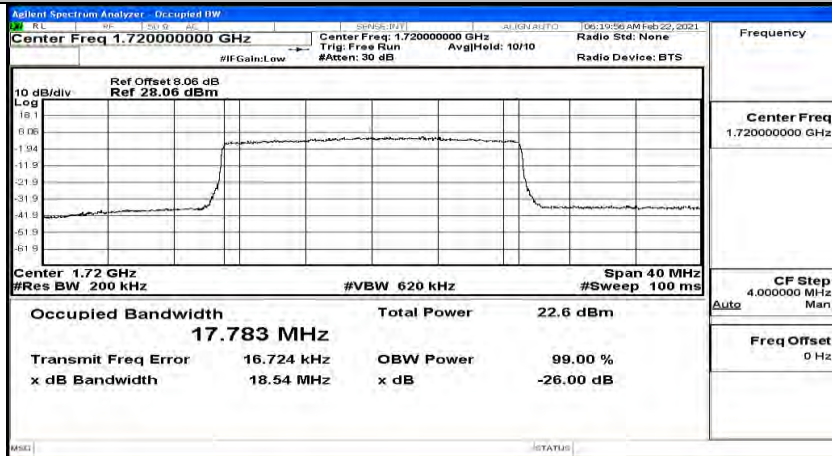
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



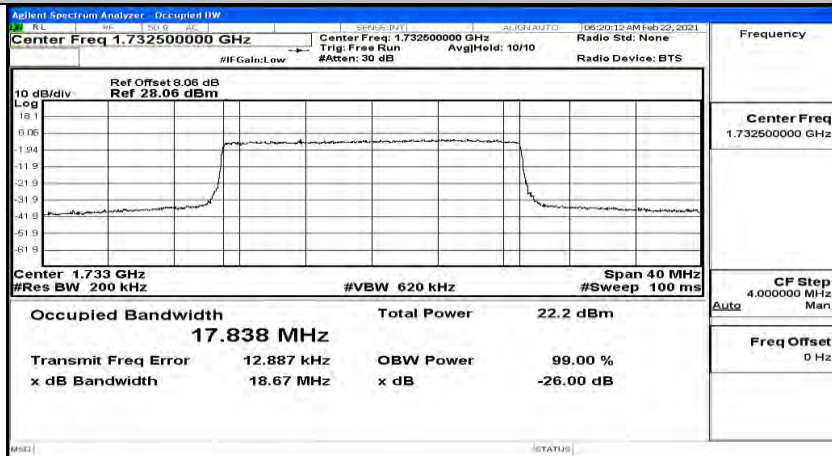
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



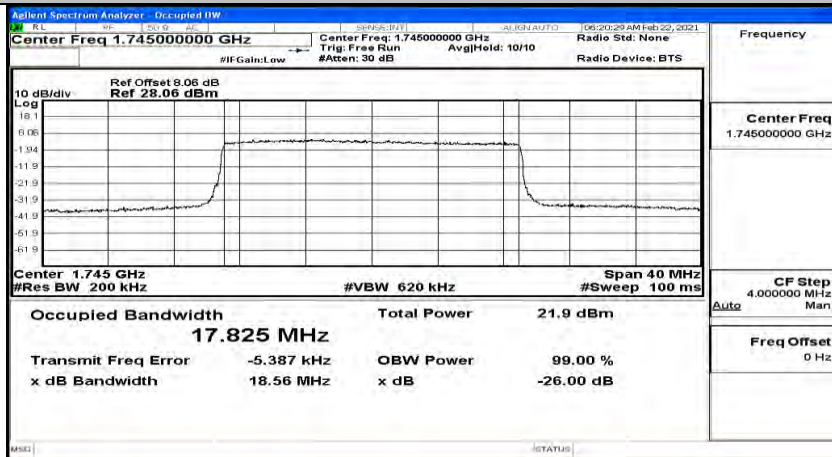
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_16QAM

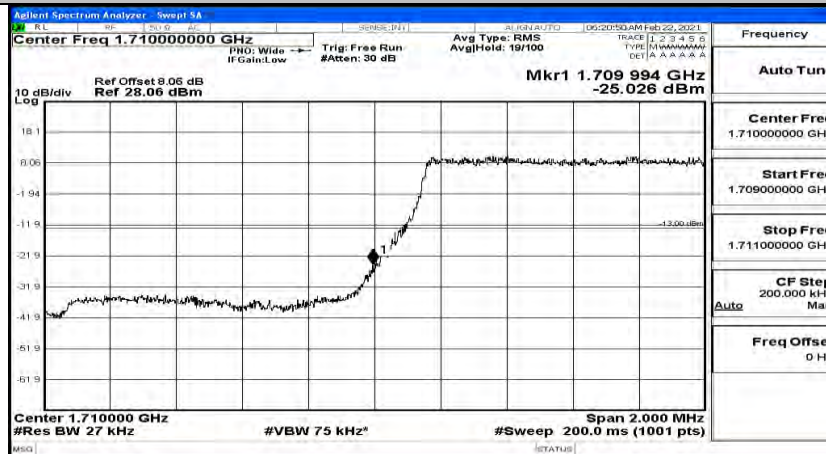


EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM



E.4 Band Edge

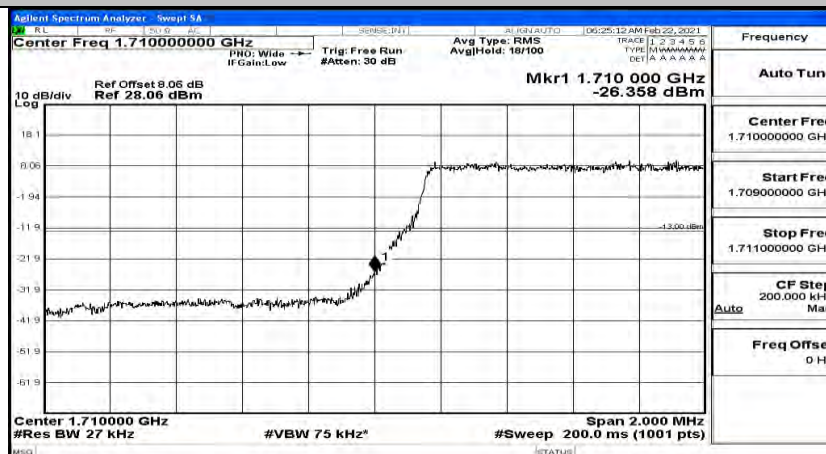
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



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



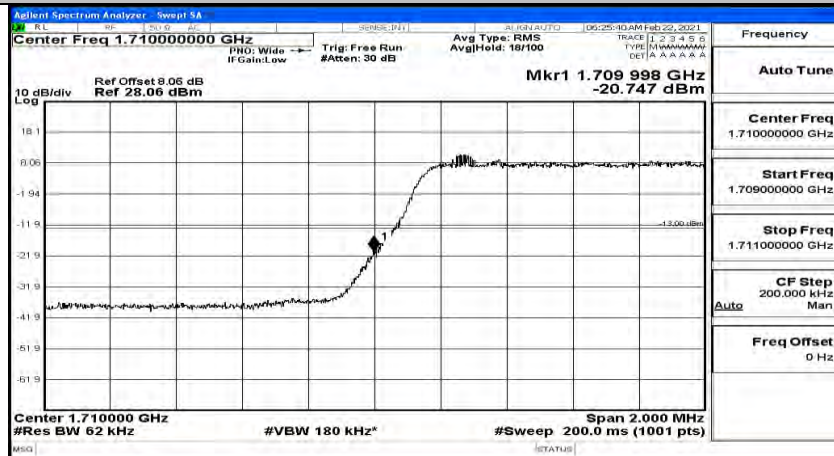
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



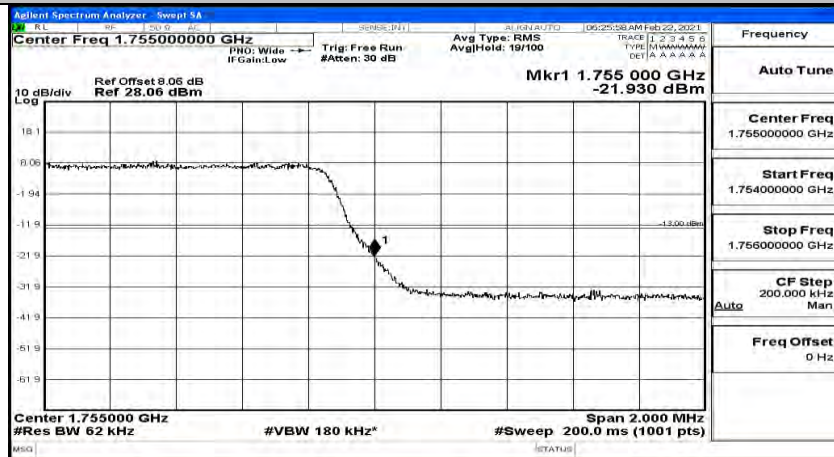
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



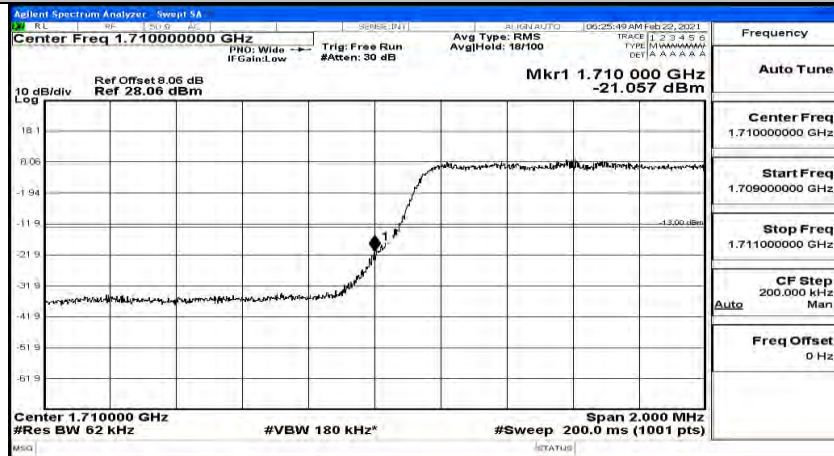
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



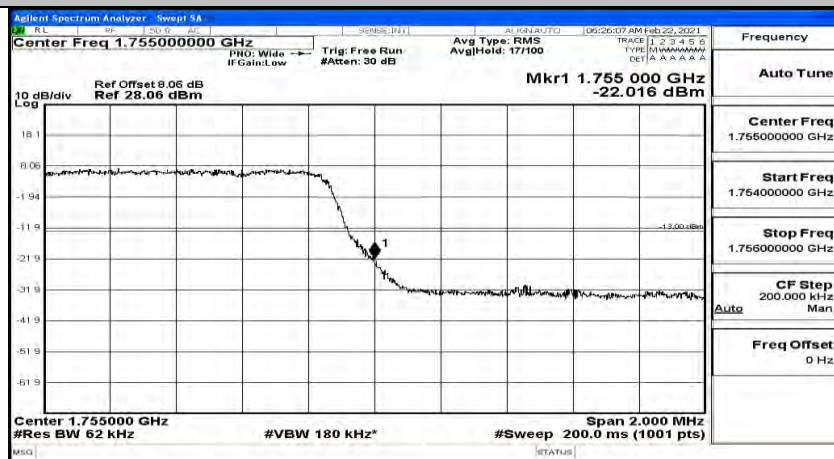
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



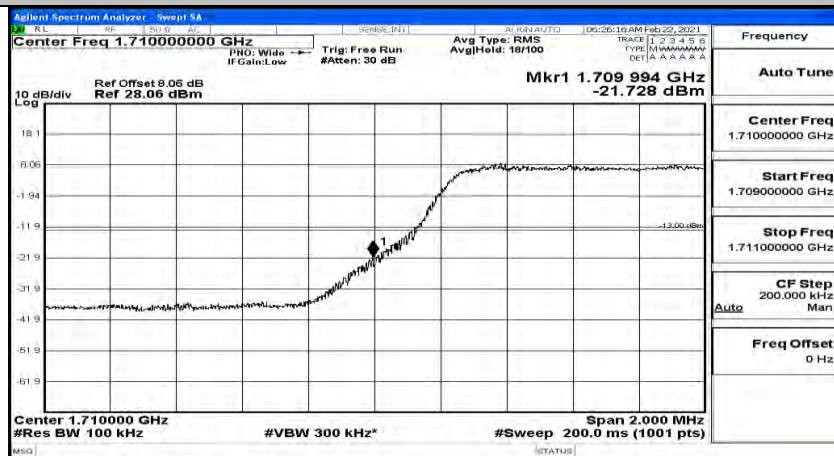
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



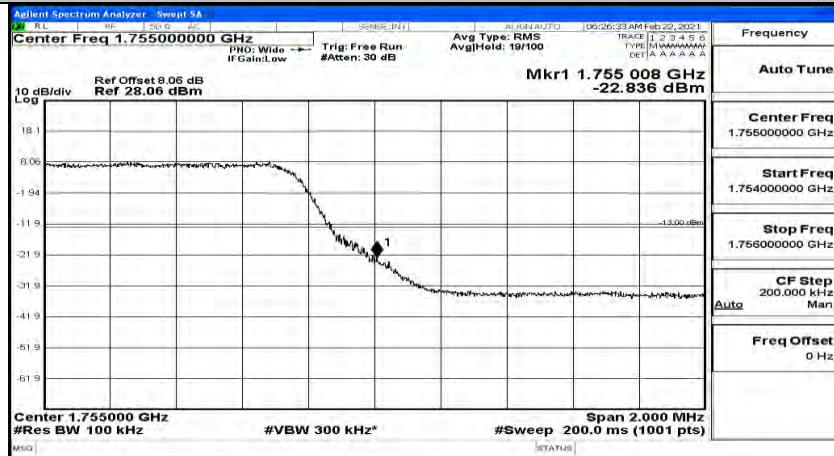
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



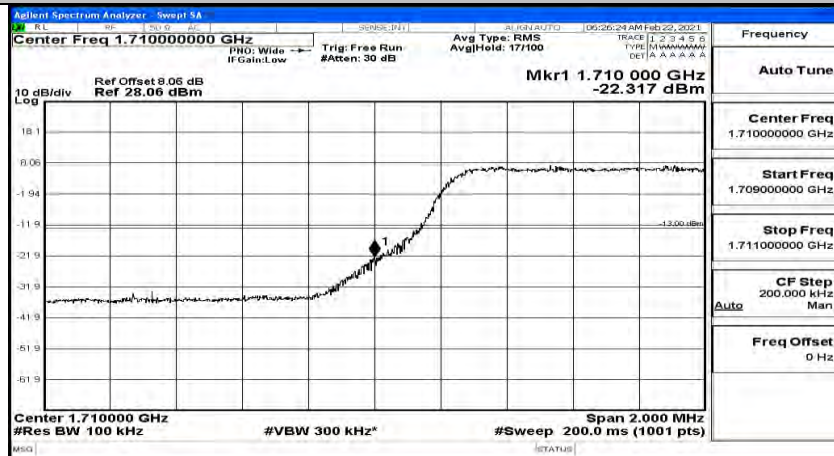
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



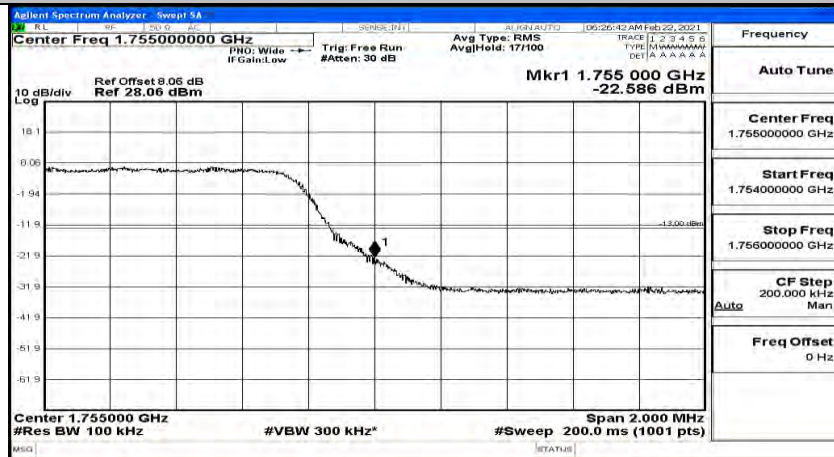
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



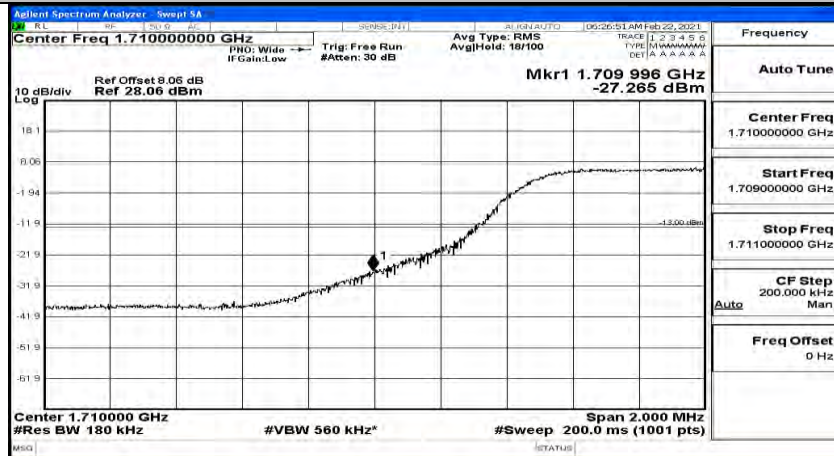
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



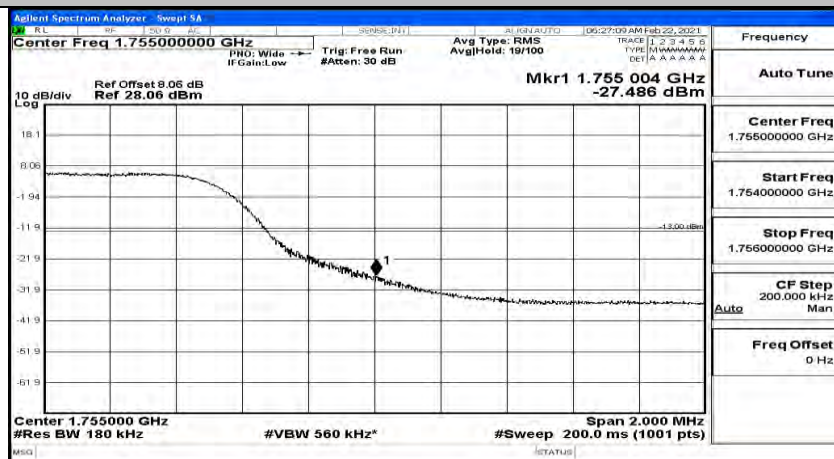
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



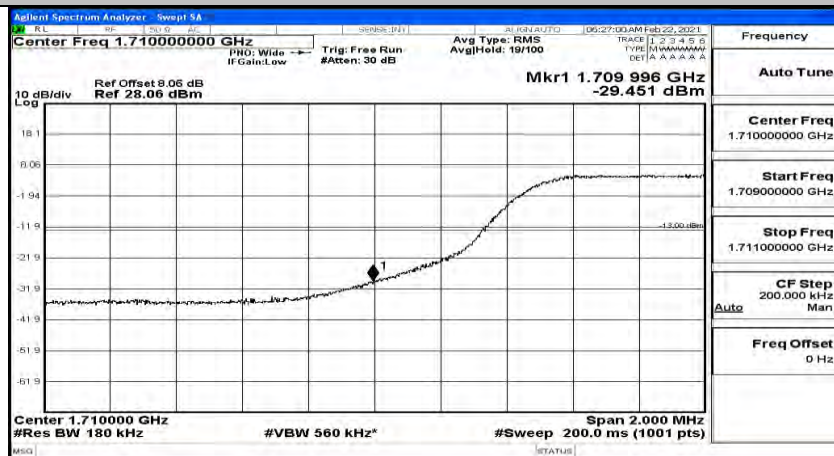
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



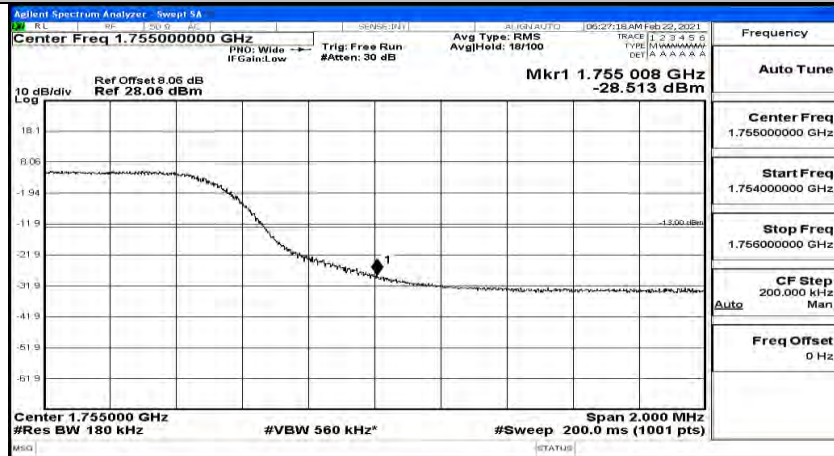
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



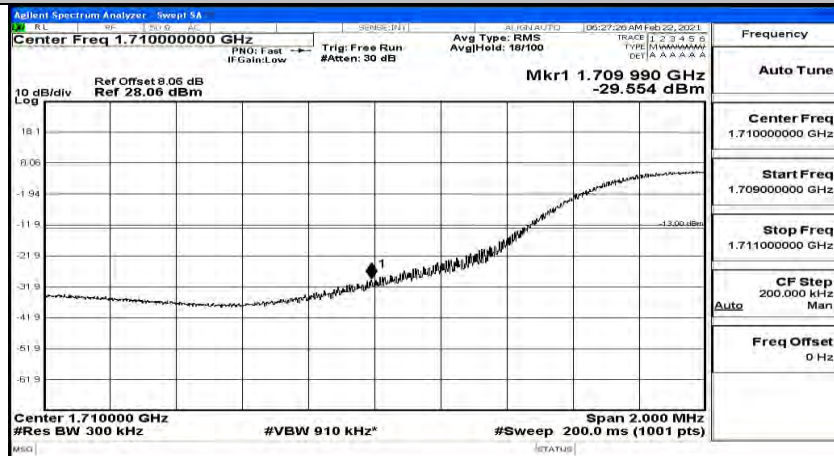
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



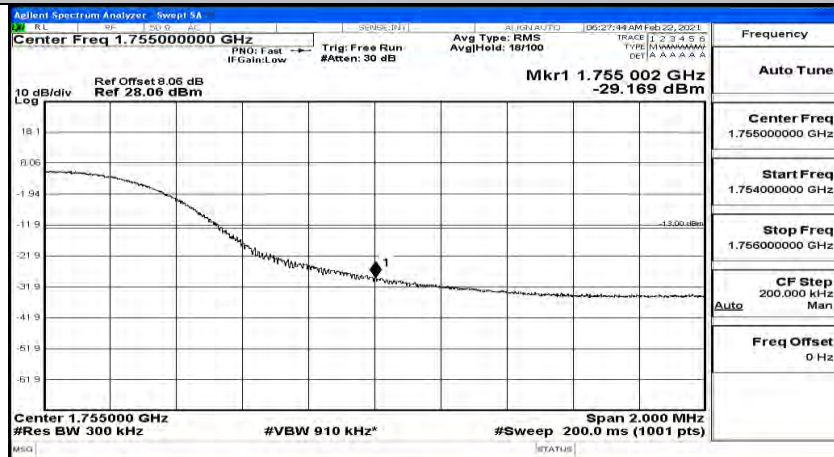
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



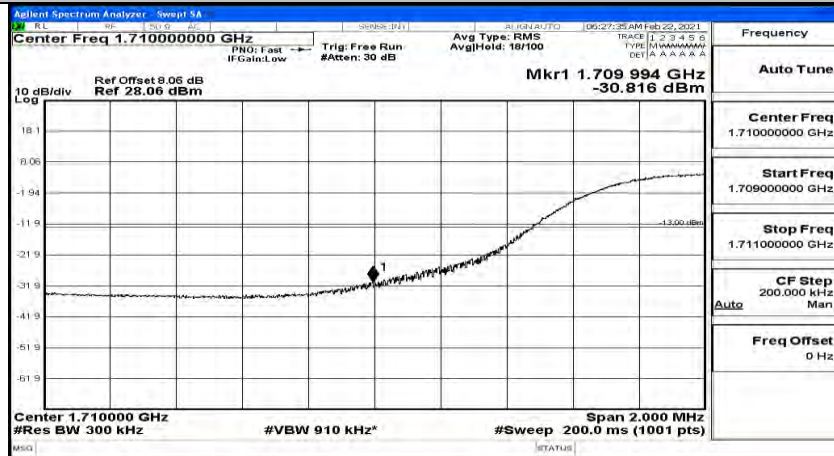
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



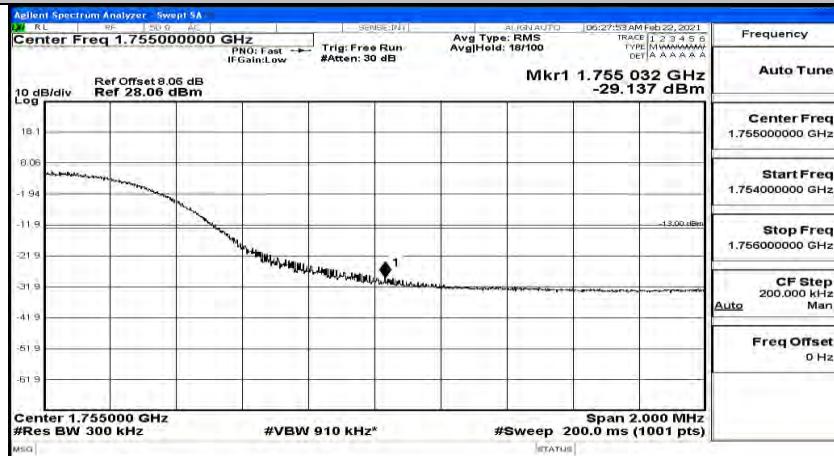
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



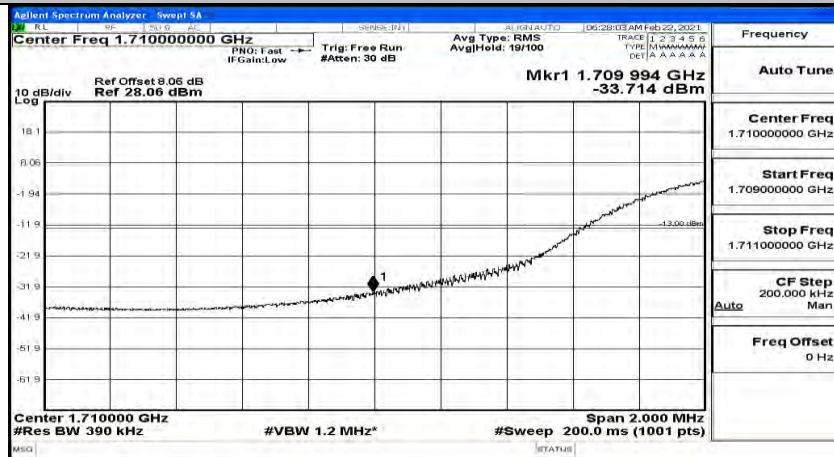
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



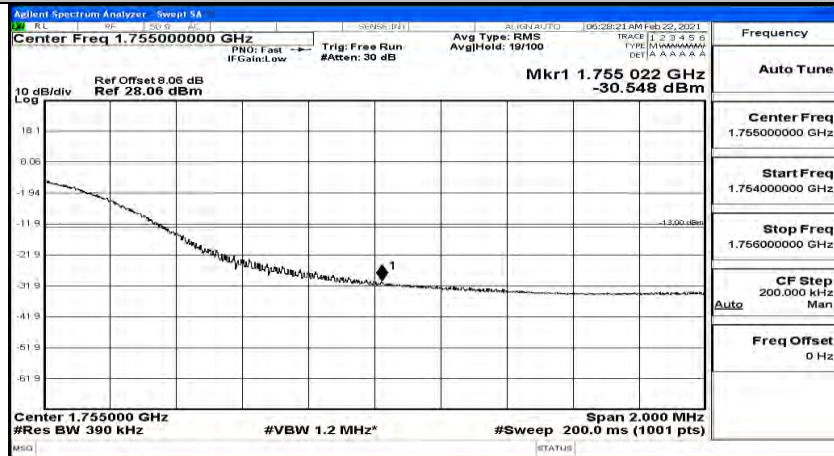
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



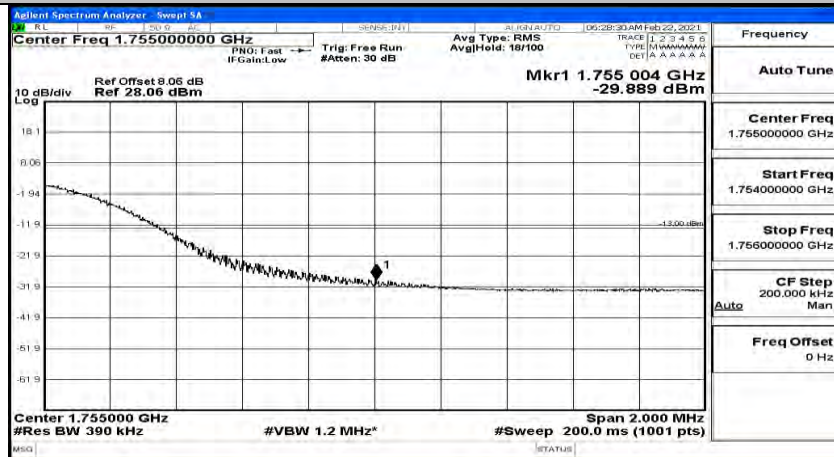
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



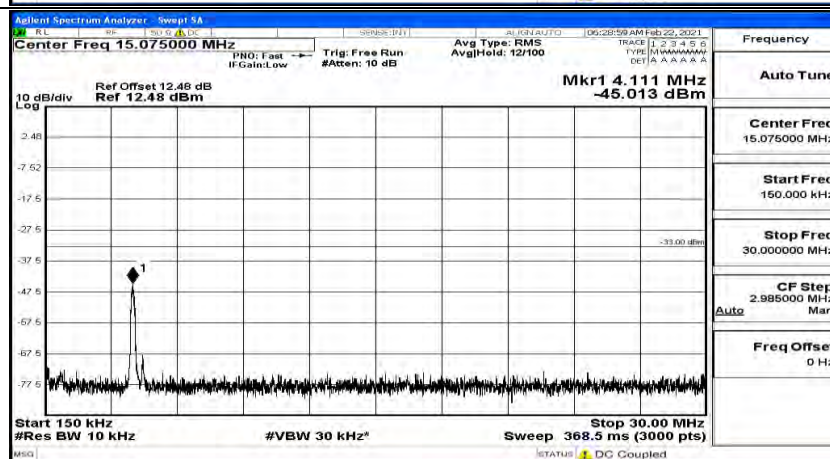
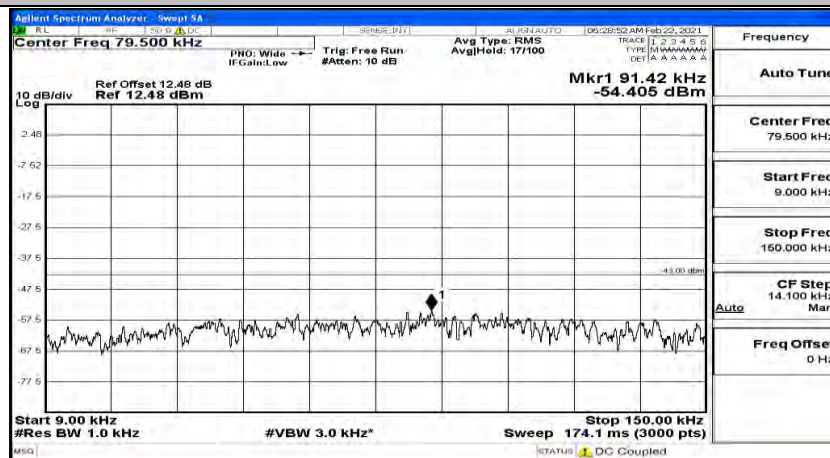
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM



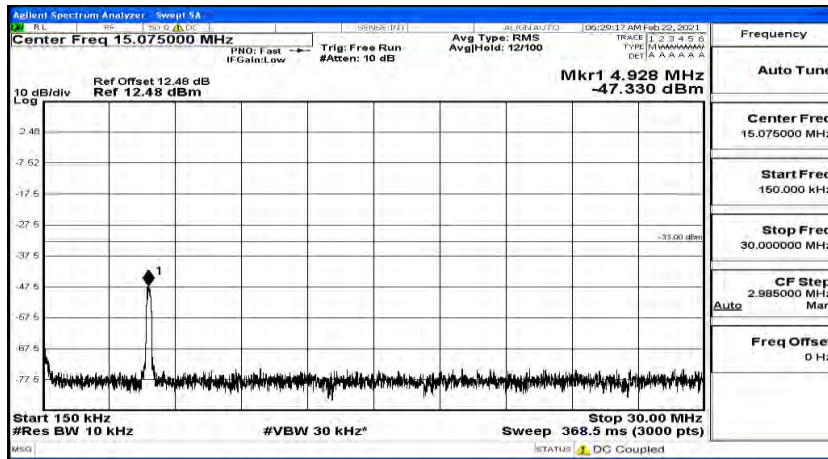
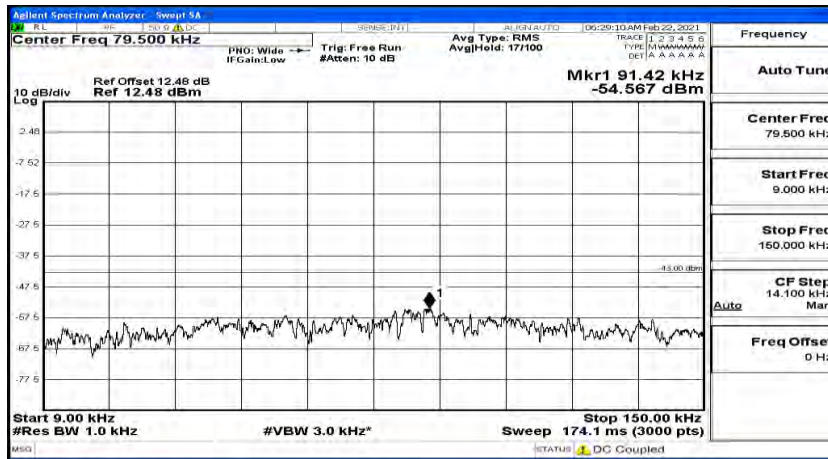
E.5 Conducted Spurious Emission

Channel Bandwidth: 1.4 MHz

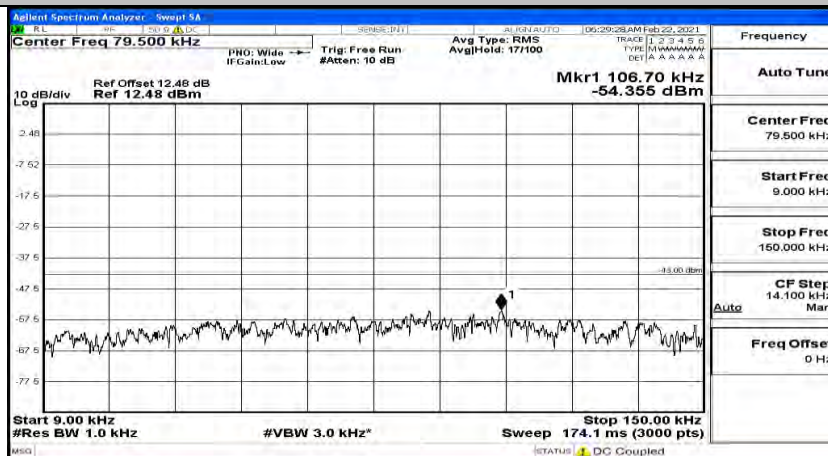
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0

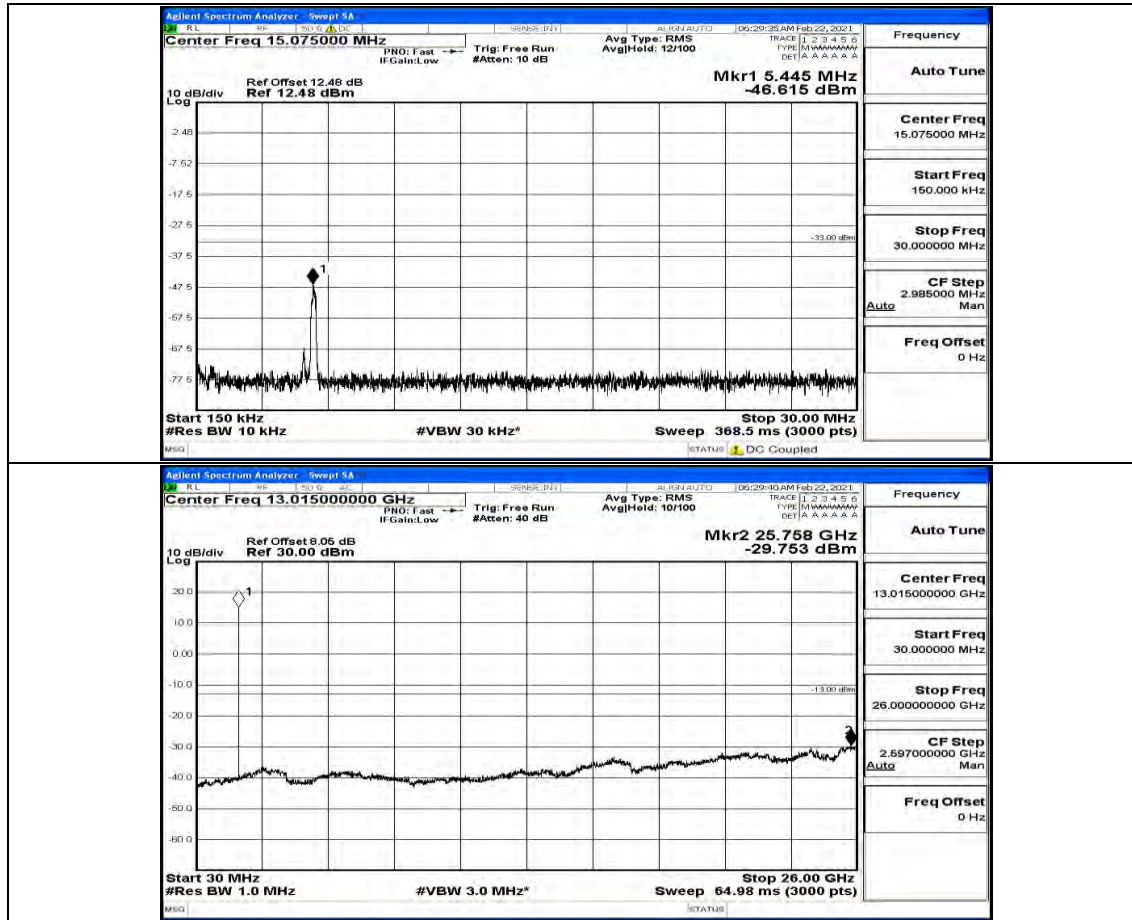


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3

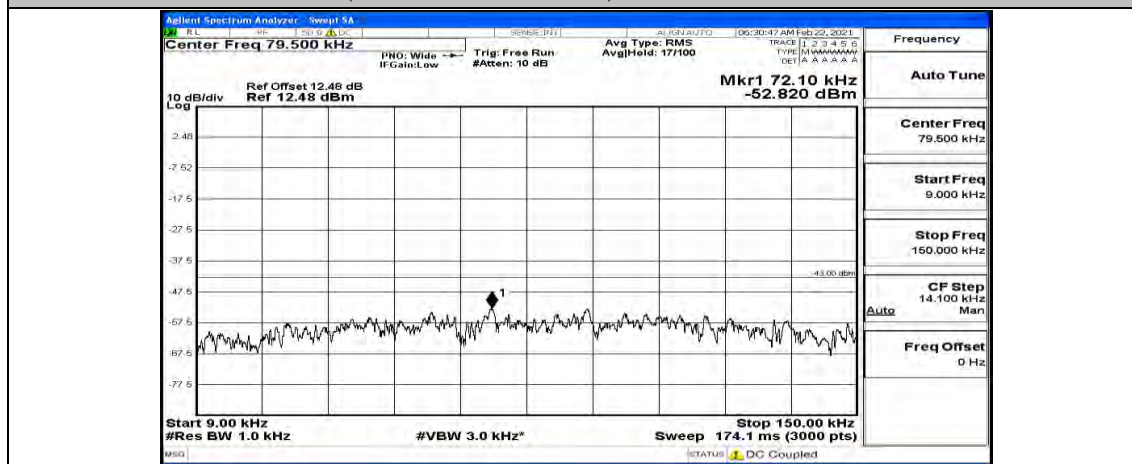


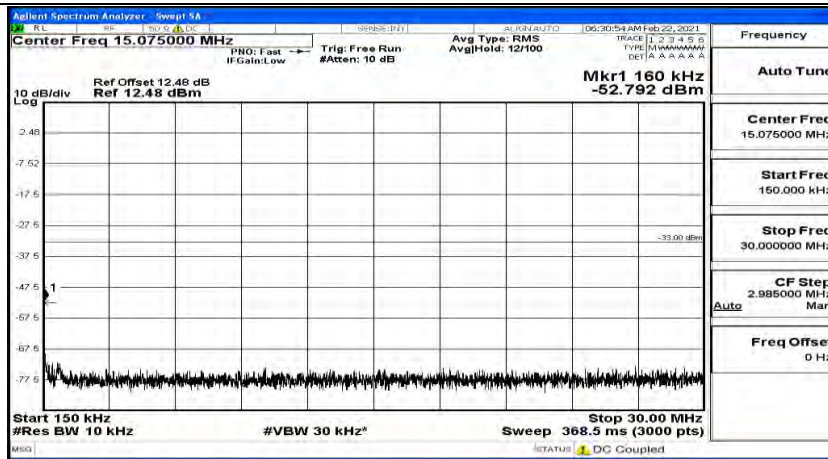
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



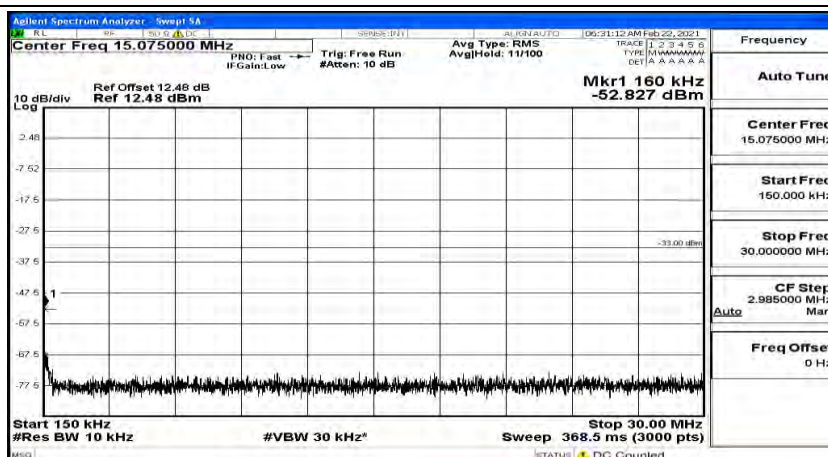
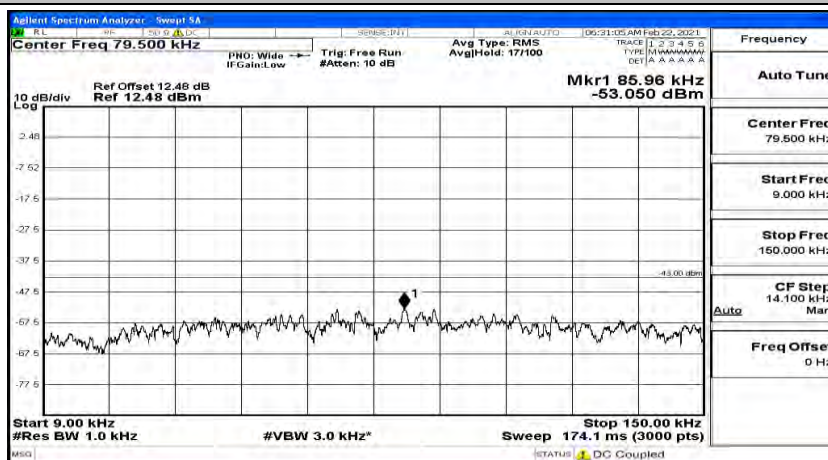


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



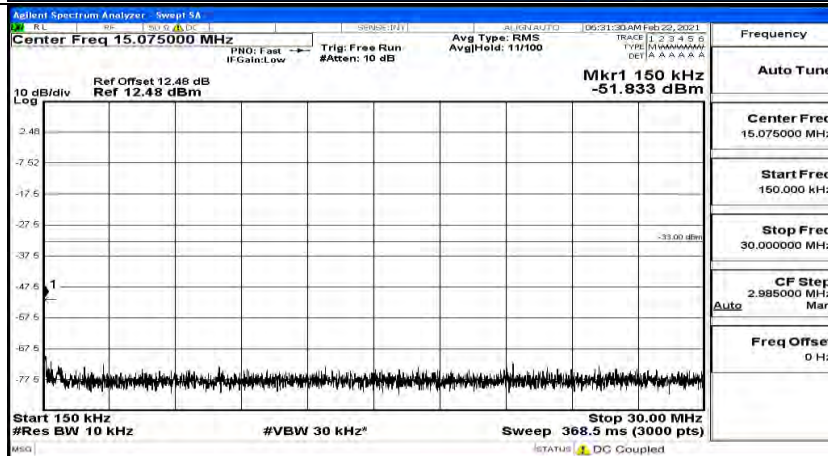
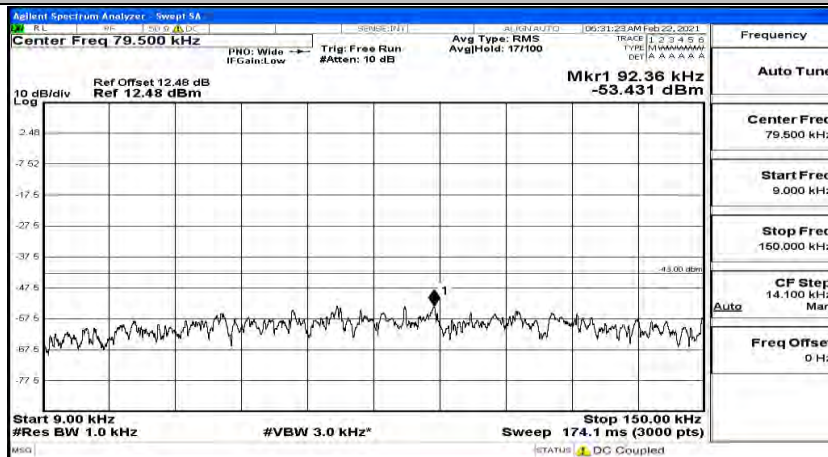


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3





(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5



Agilent Spectrum Analyzer - Sweep SA

Center Freq 79.500 kHz

Ref Offset 12.48 dB
Ref 12.48 dBm

10 dB/div
Log

Start 9.00 kHz
#Res BW 1.0 kHz

#VBW 3.0 kHz*

Stop 150.00 kHz
Sweep 174.1 ms (3000 pts)

Mkr1 106.79 kHz
-53.467 dBm

Auto Tune

Center Freq 79.500 kHz

Start Freq 9.000 kHz

Stop Freq 150.00 kHz

CF Step 14.100 kHz

Auto

Freq Offset 0 Hz

Trace 1 2 3 4 5 6
Type: Normal
Det: AAAAAA

Avg Type: RMS
Avg/Hold: 177100

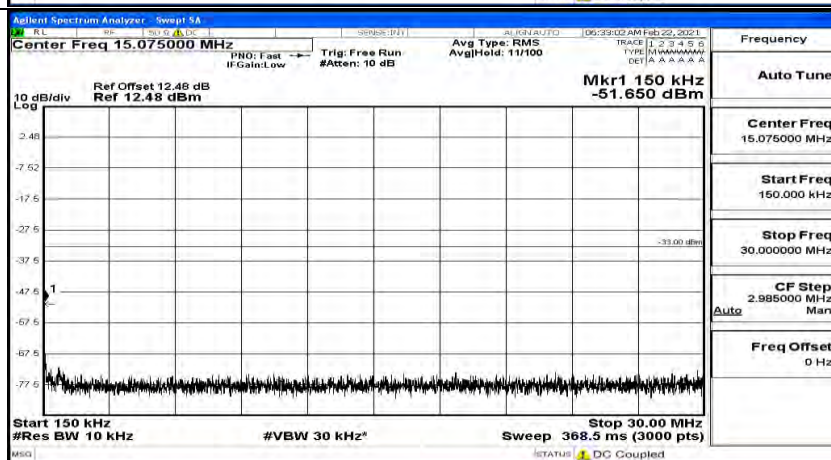
106.22.55 AM Feb 23, 2021

MODE: [P1]

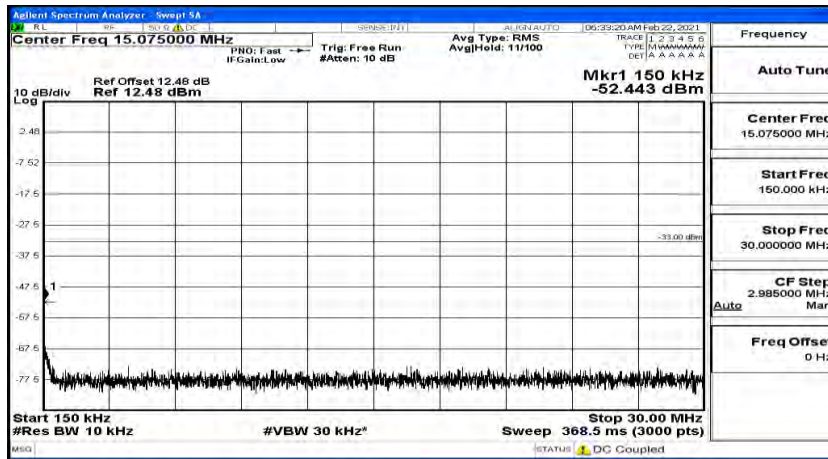
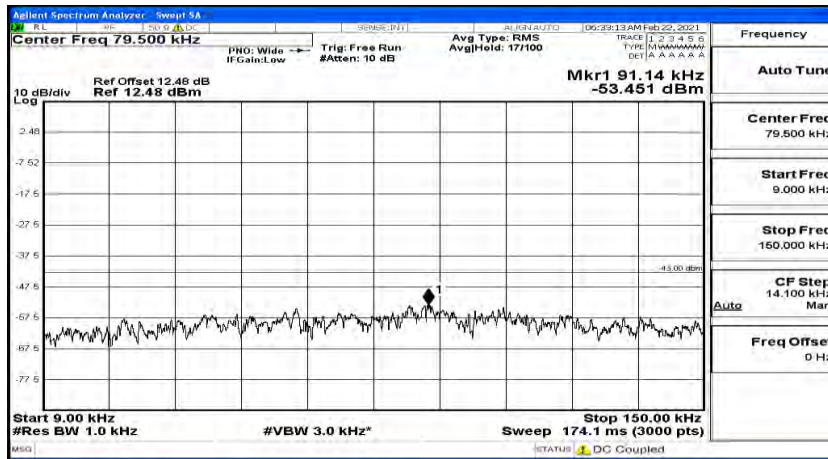
IF Gain: Low

Trig: Free Run
#Atten: 10 dB

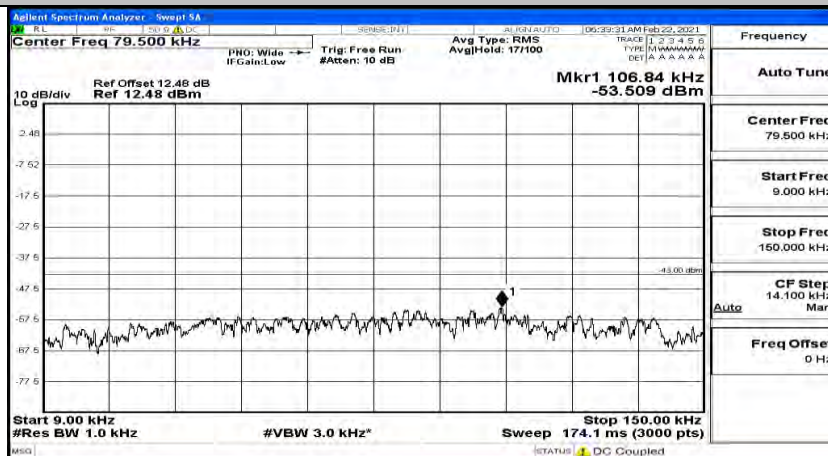
STATUS: [DC Coupled]

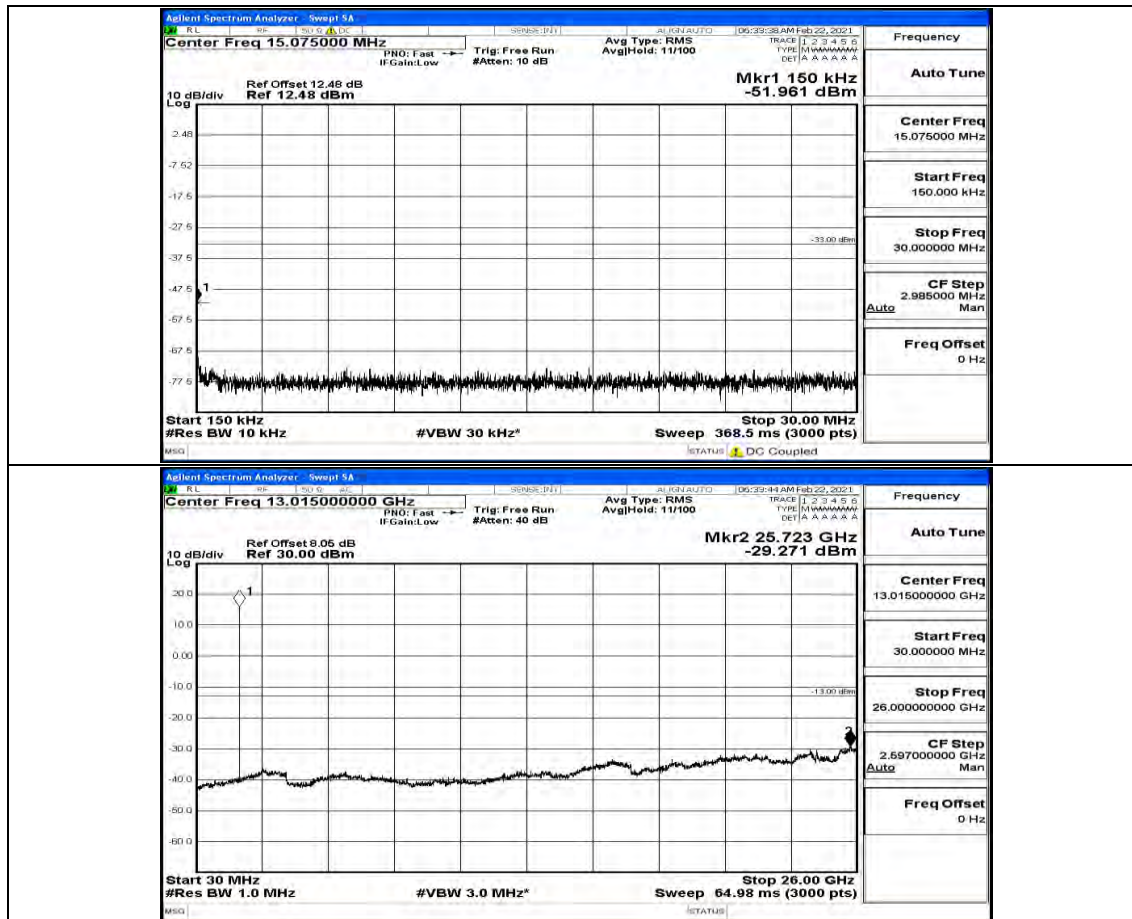


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#3

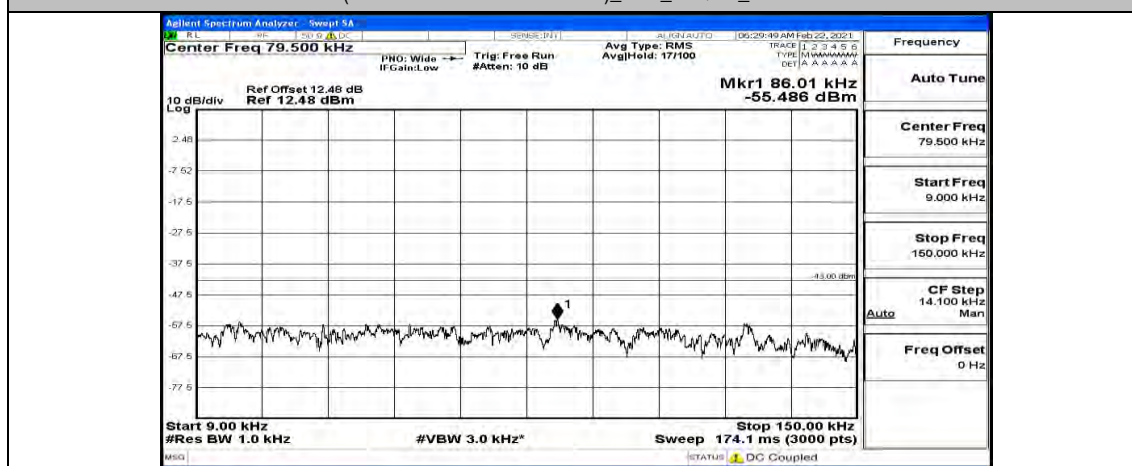


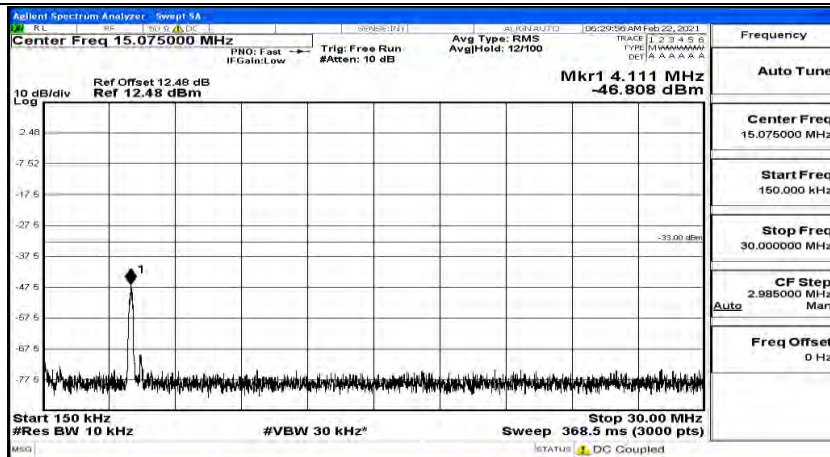
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5



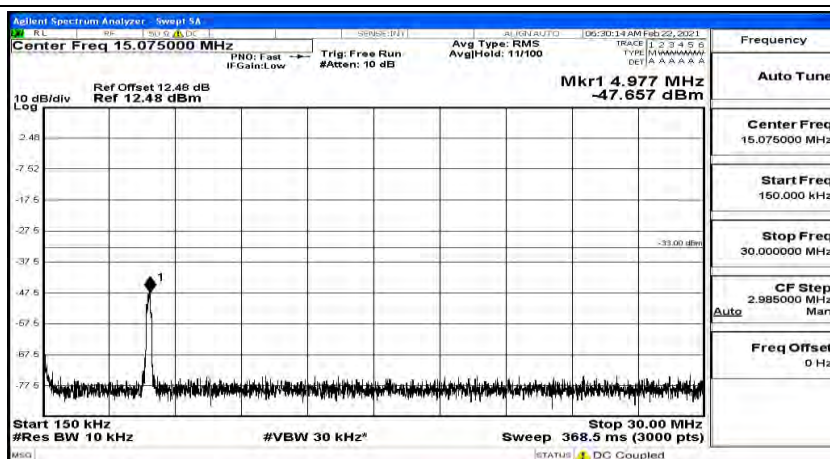
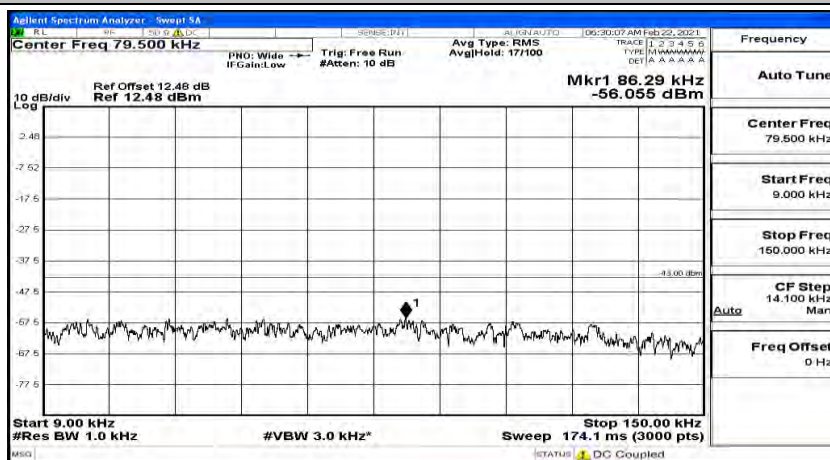


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#0



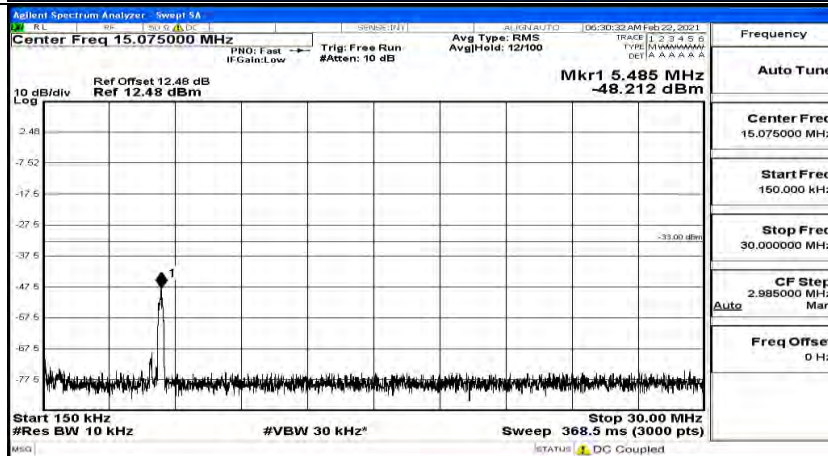
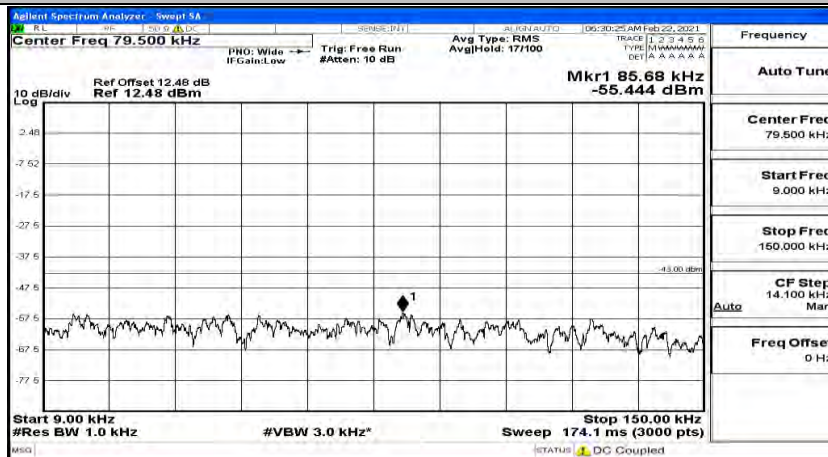


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3

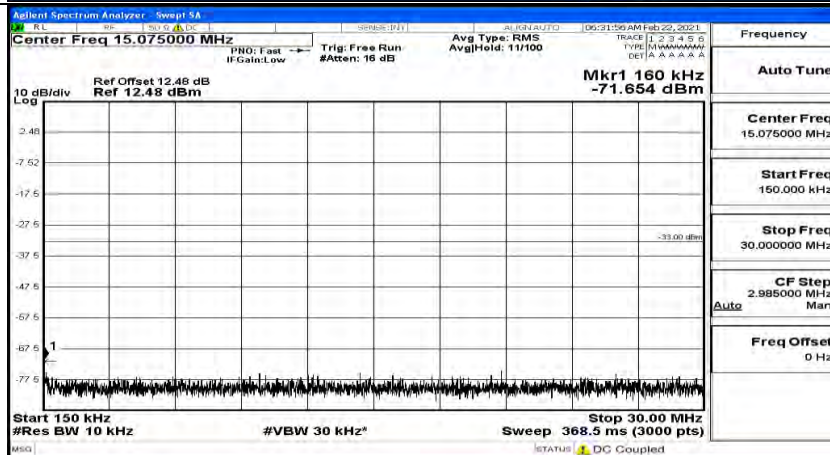
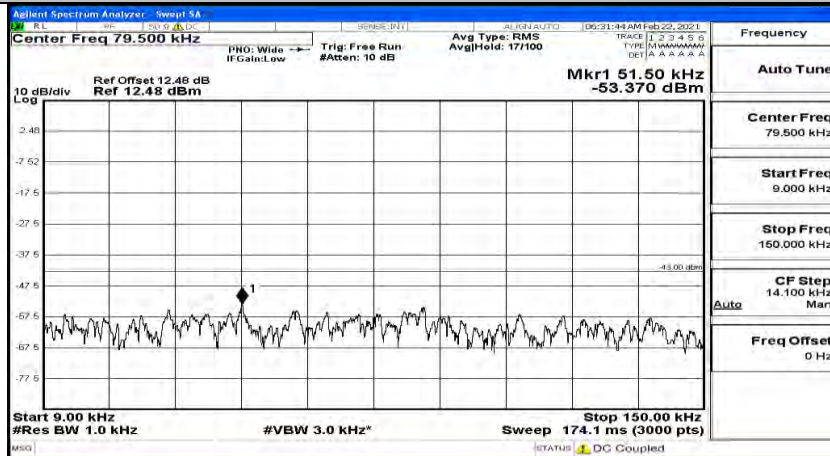




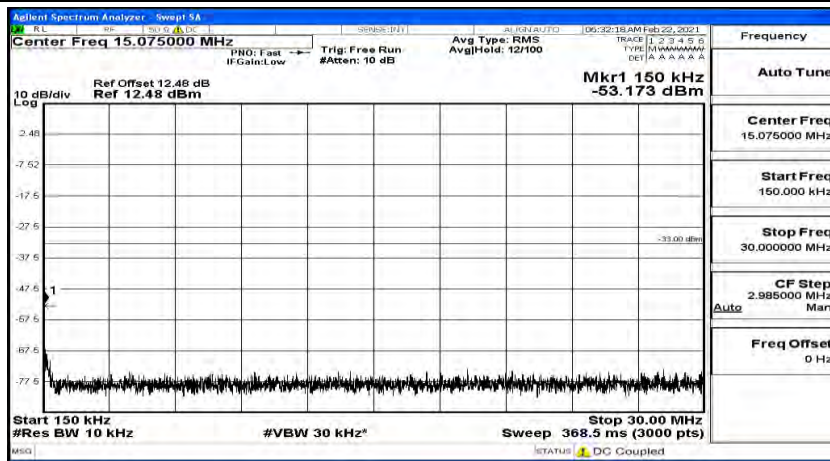
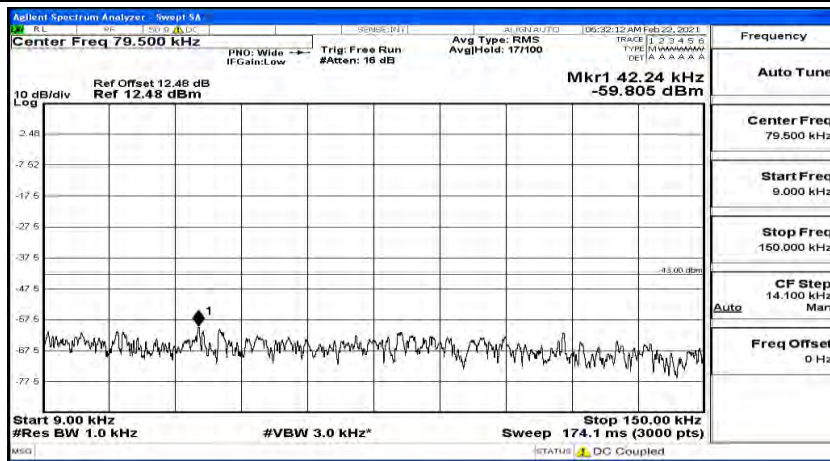
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#5



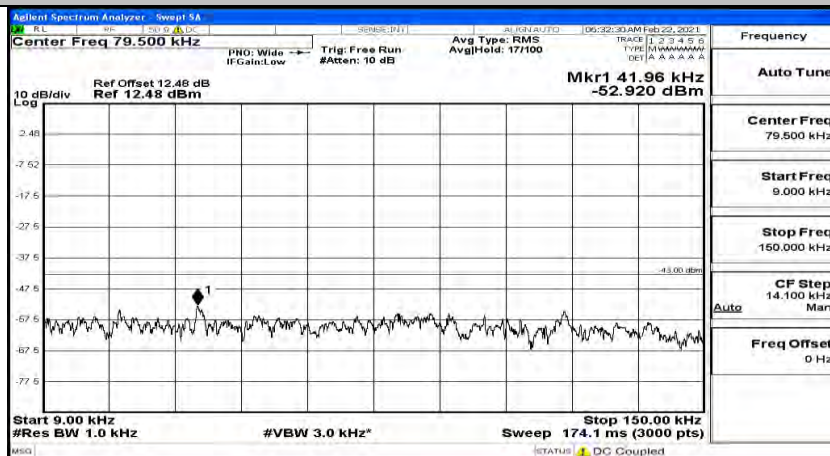
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#0

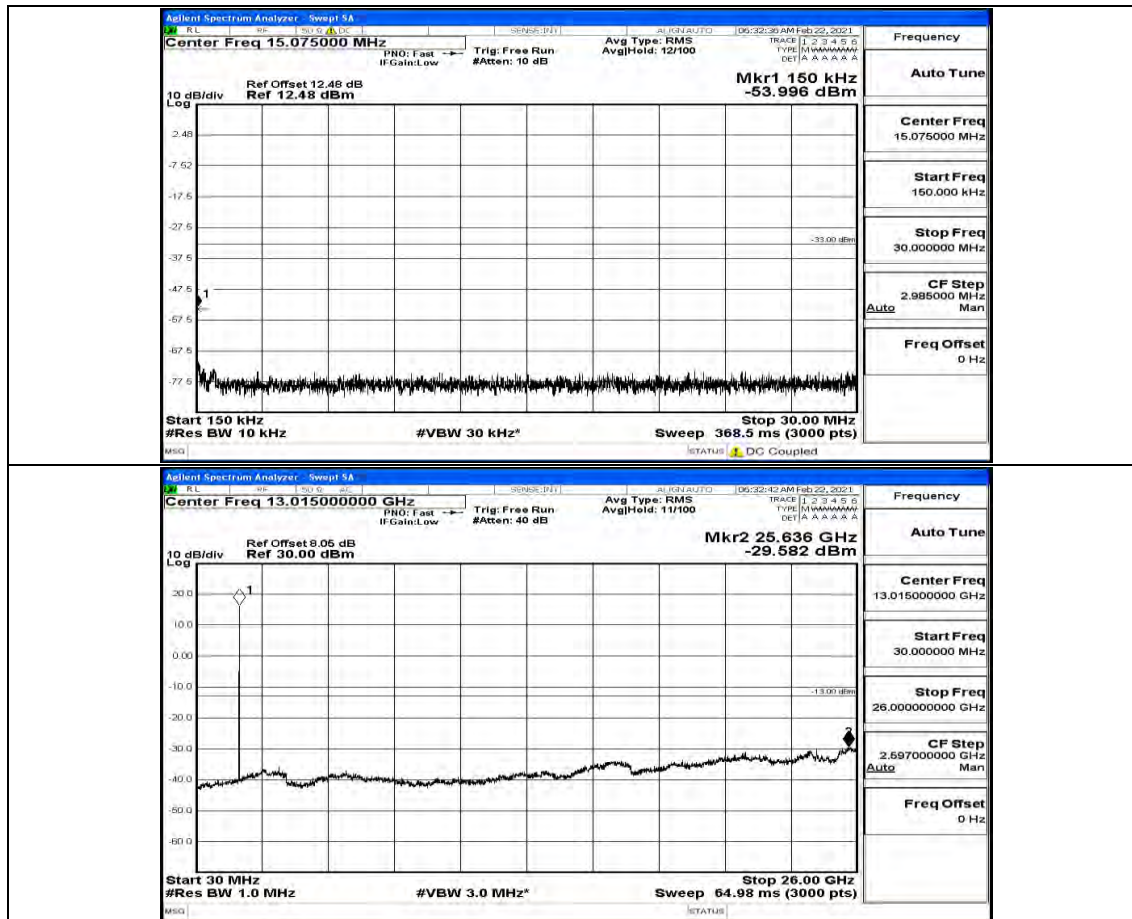


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

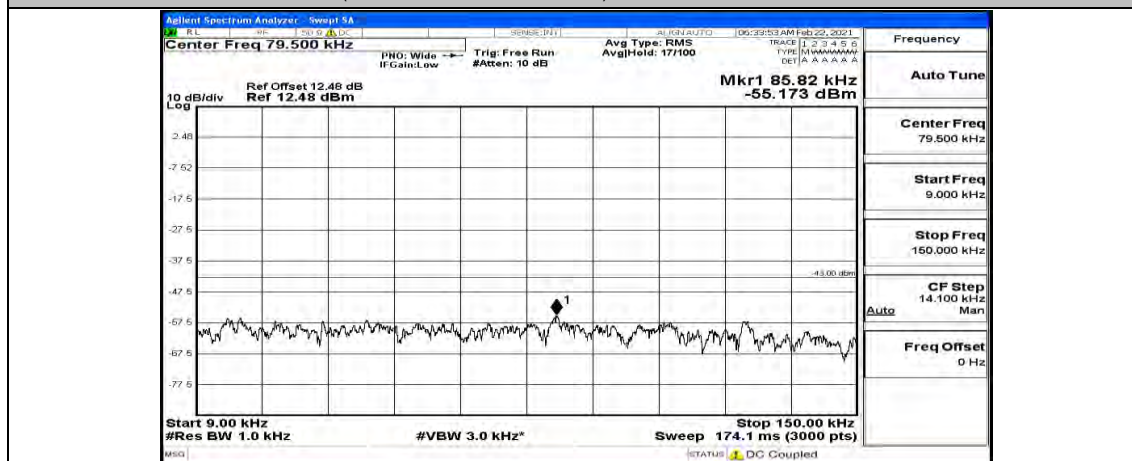


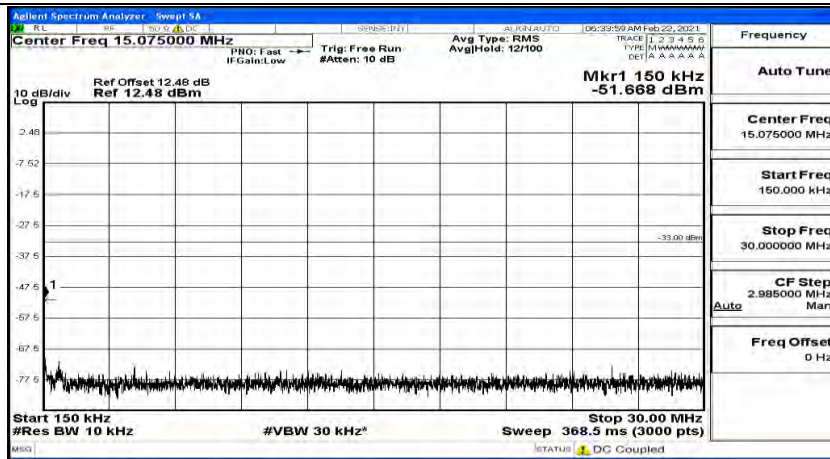
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



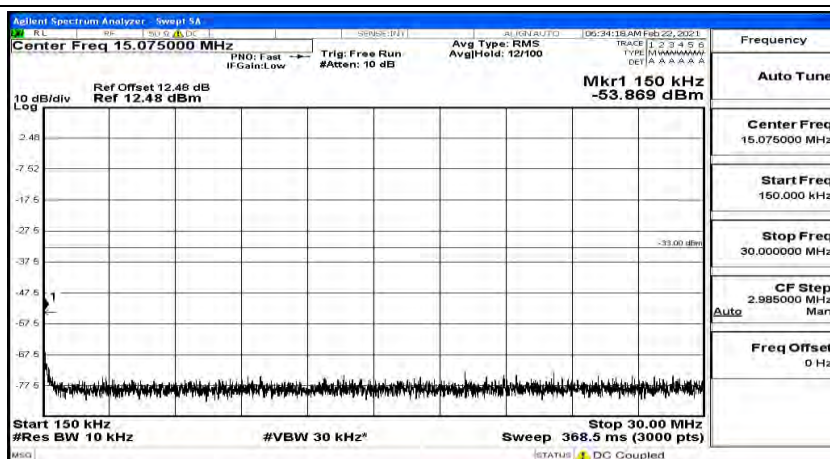
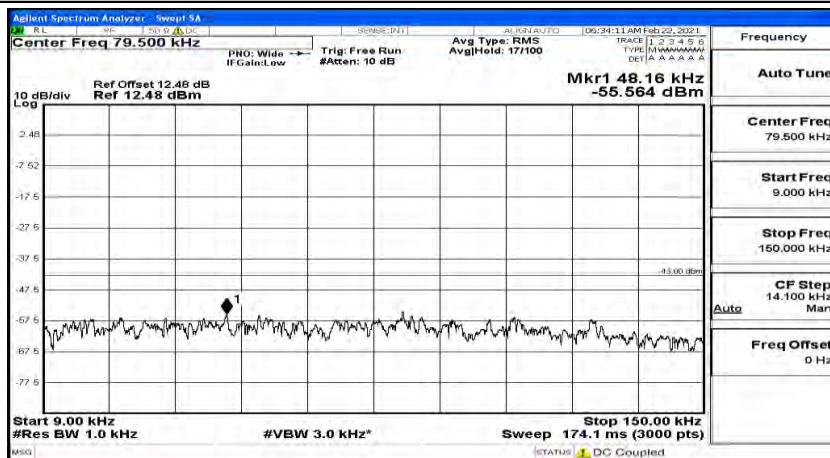


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



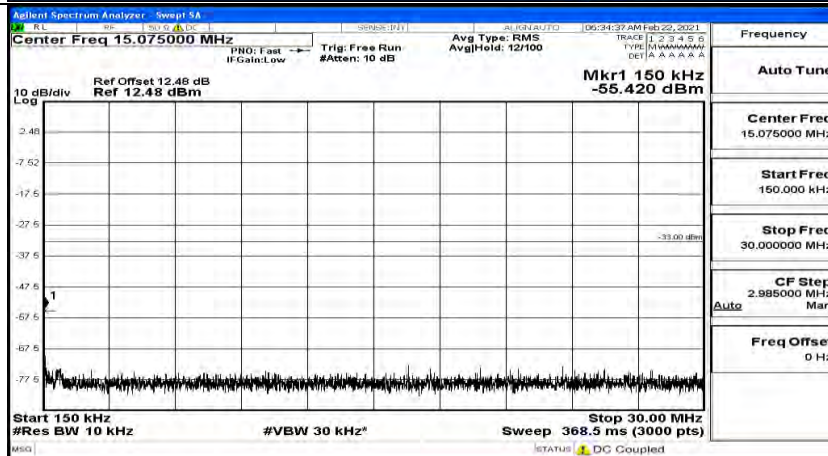
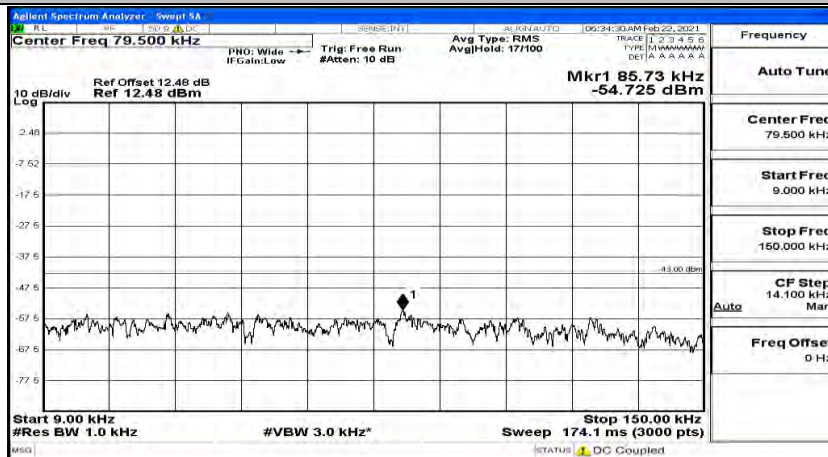


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



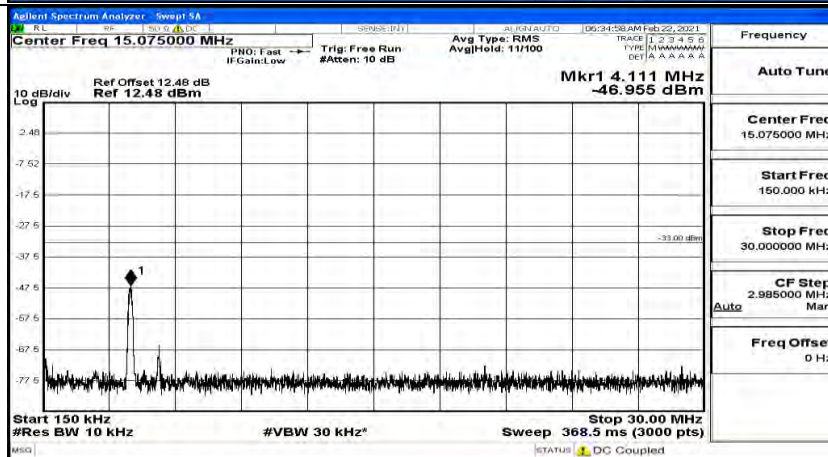
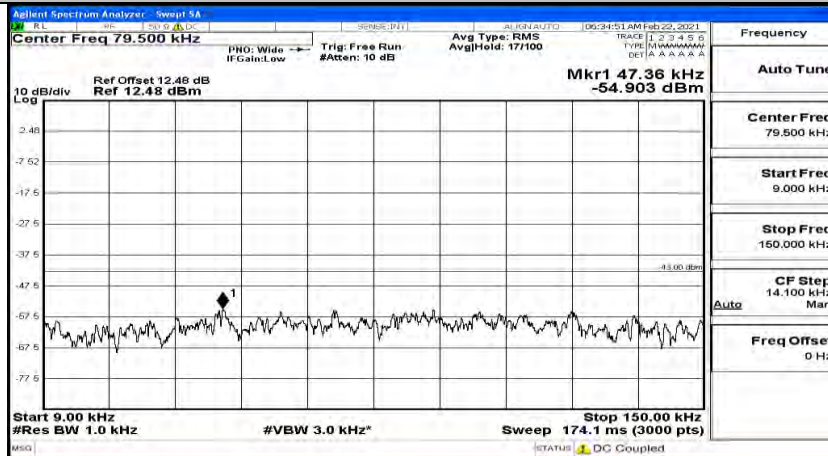


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5

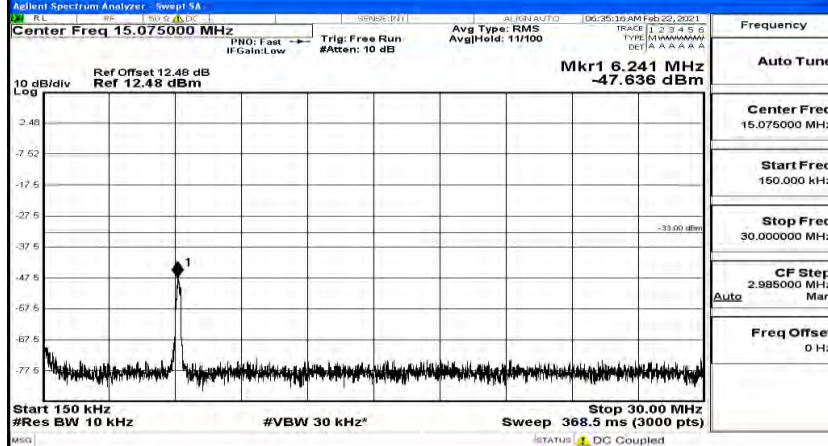
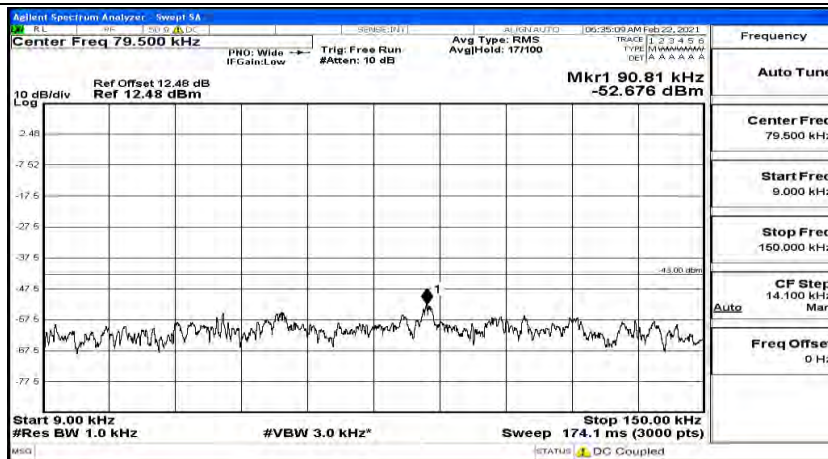


Channel Bandwidth: 3 MHz

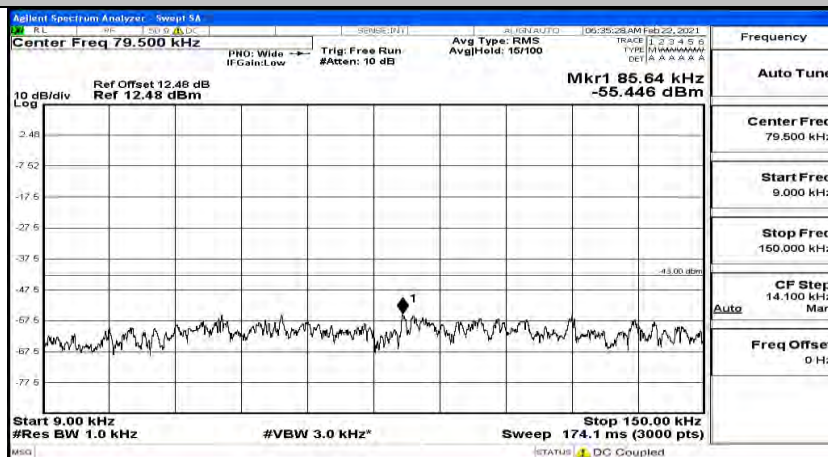
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0

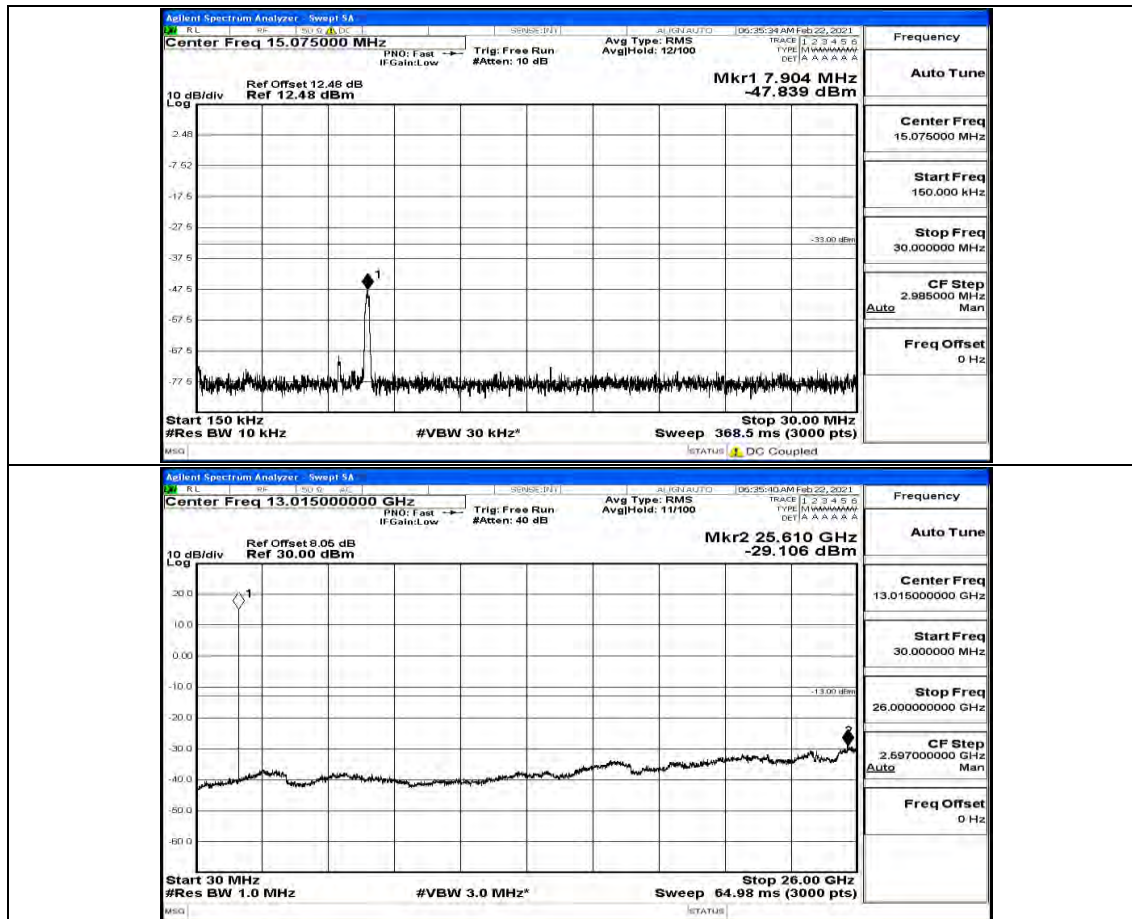


(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7

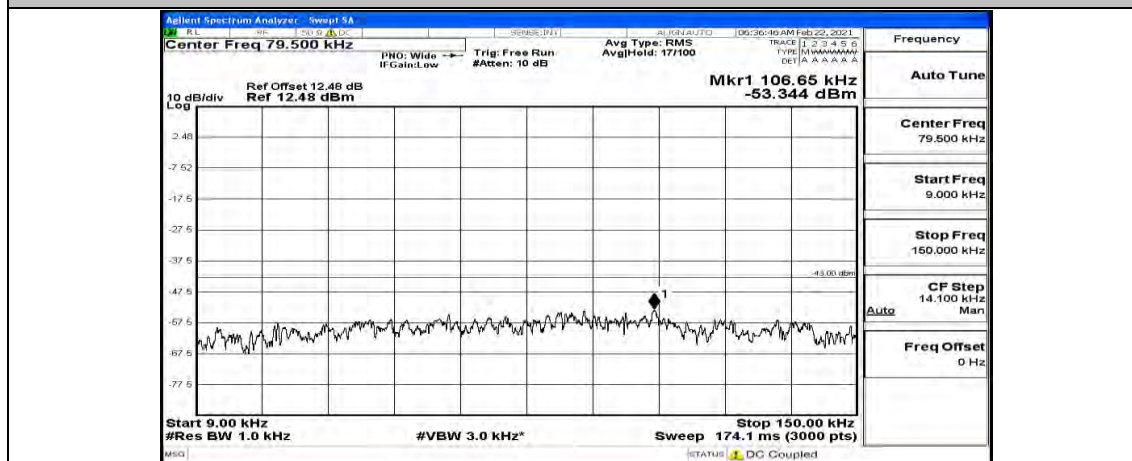


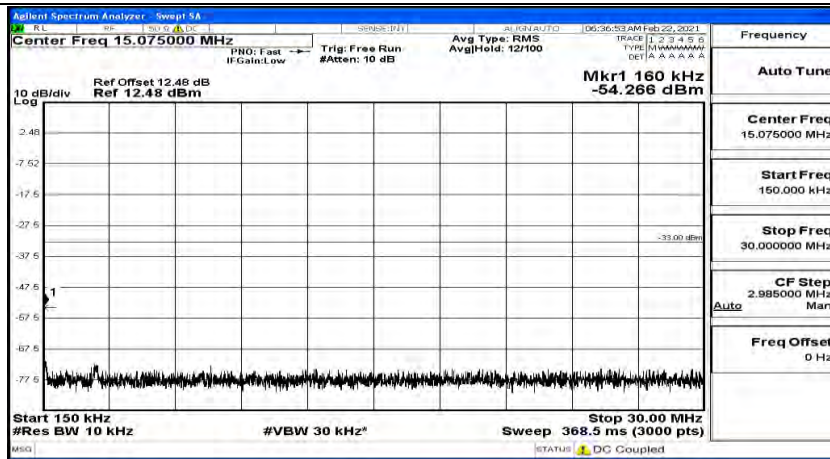
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14



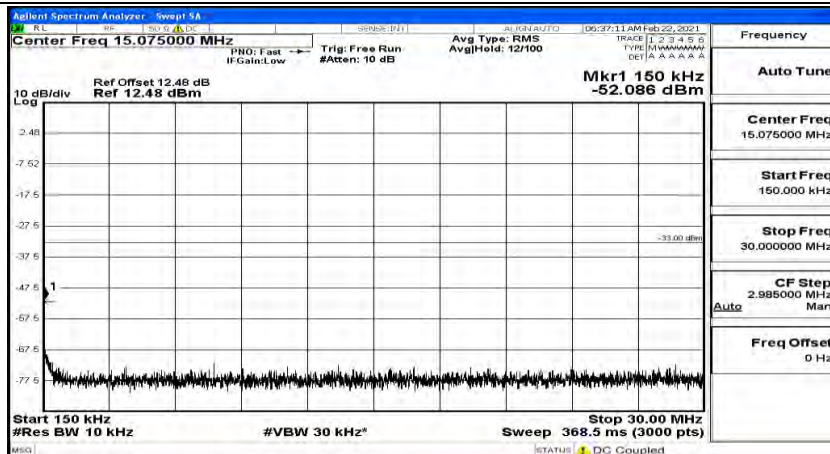
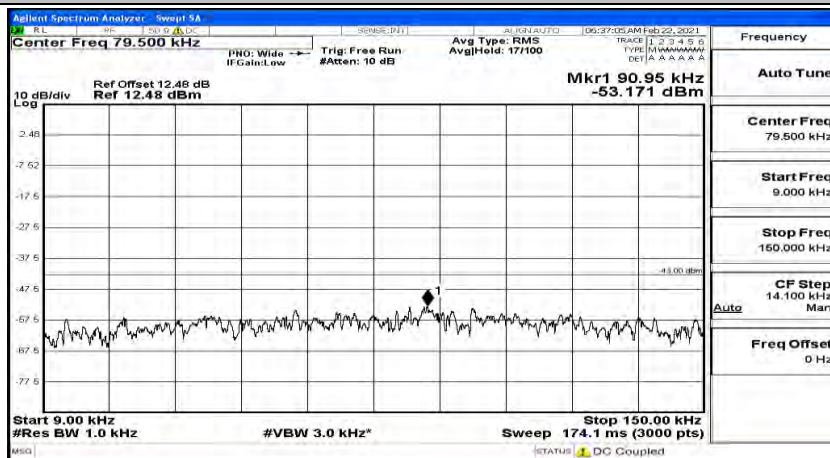


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#0



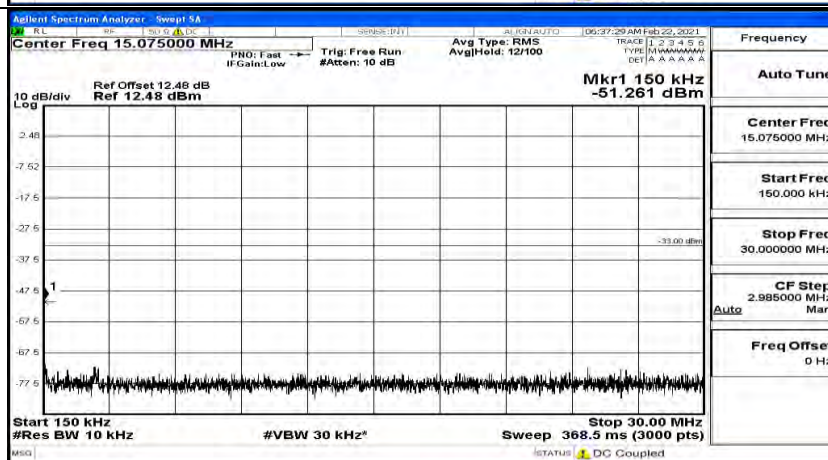
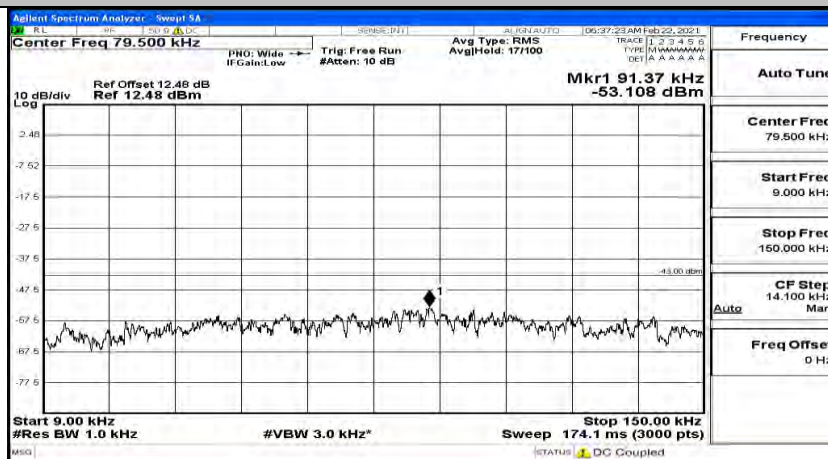


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7

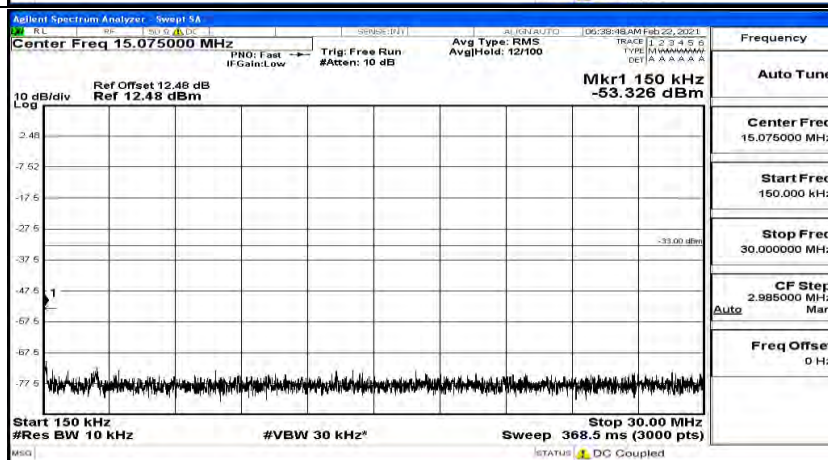
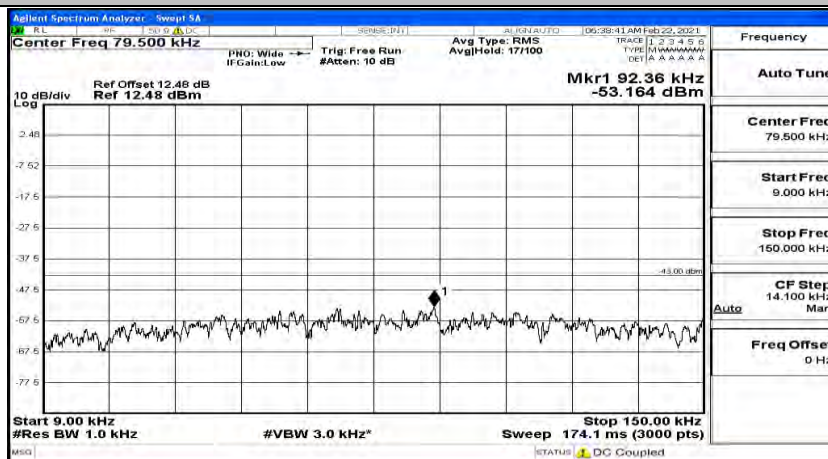




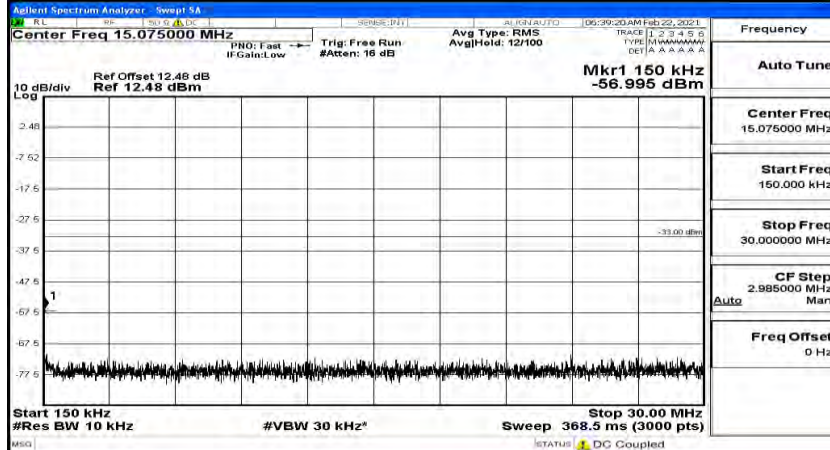
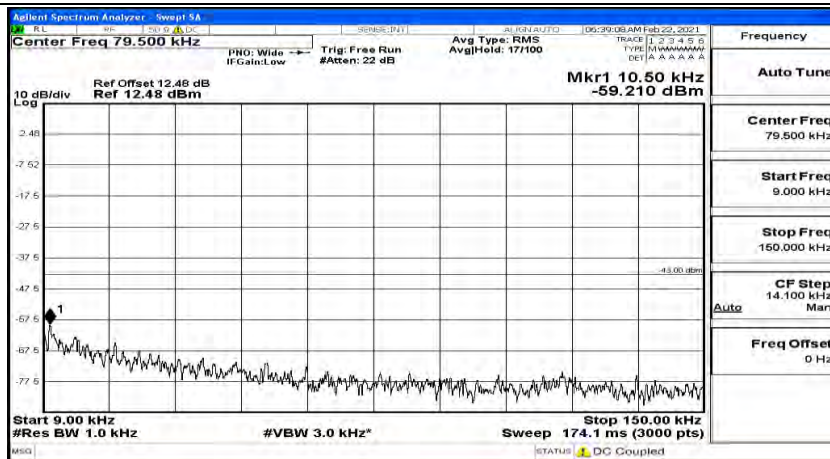
(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



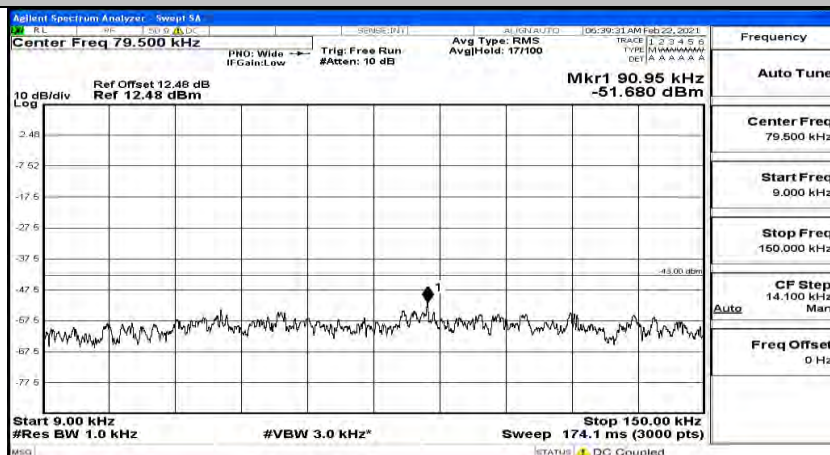
(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#0

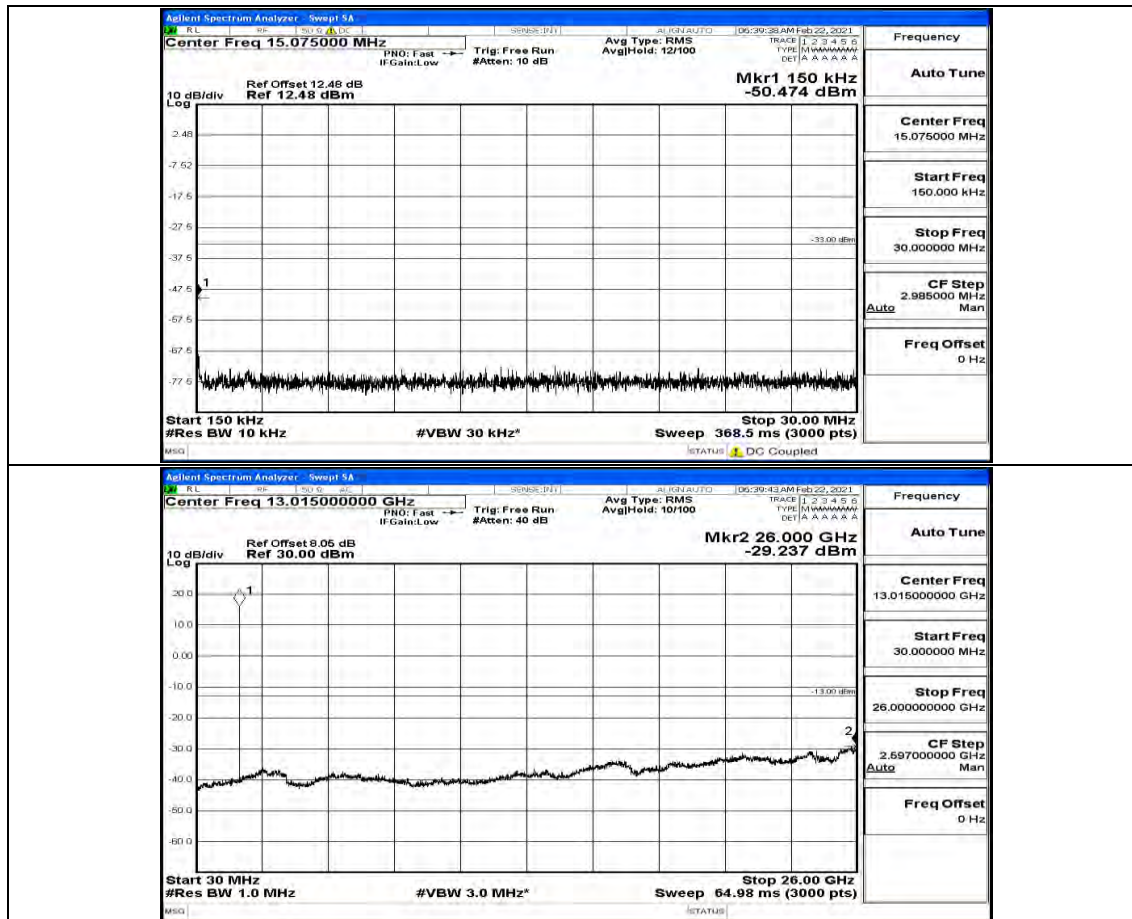


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#7

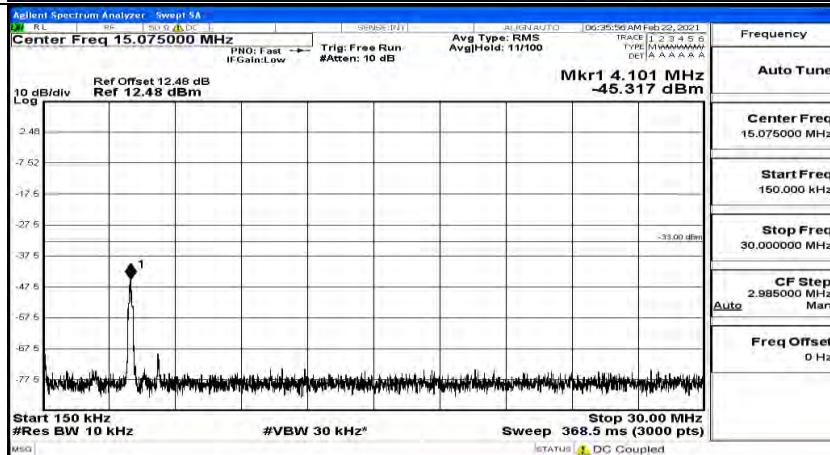
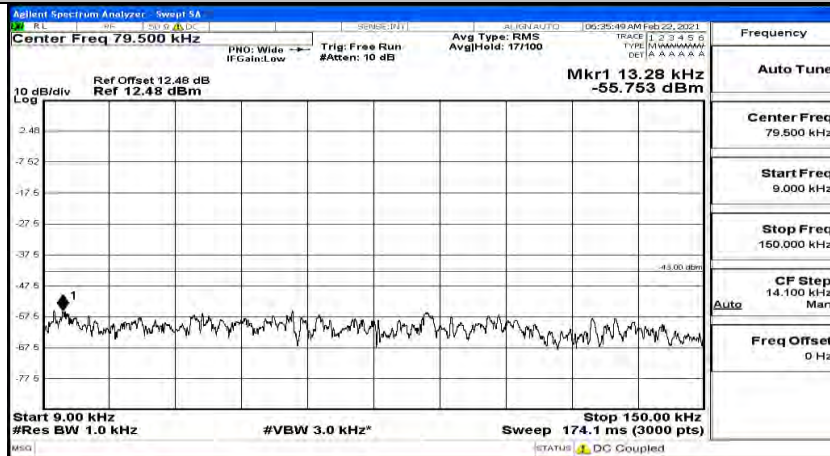


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14

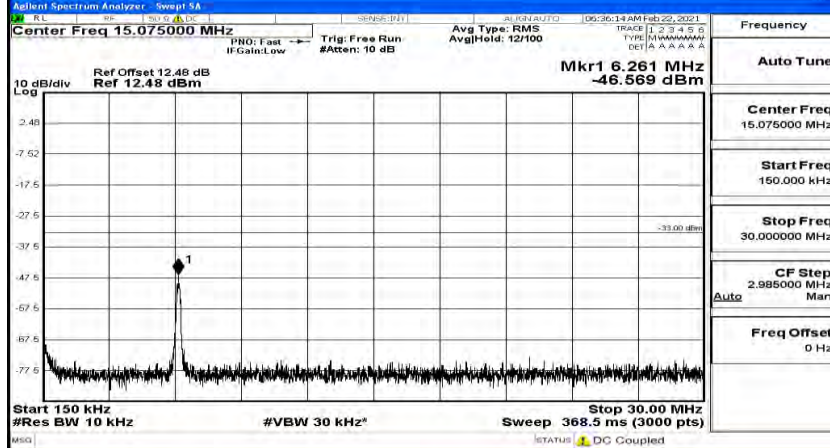
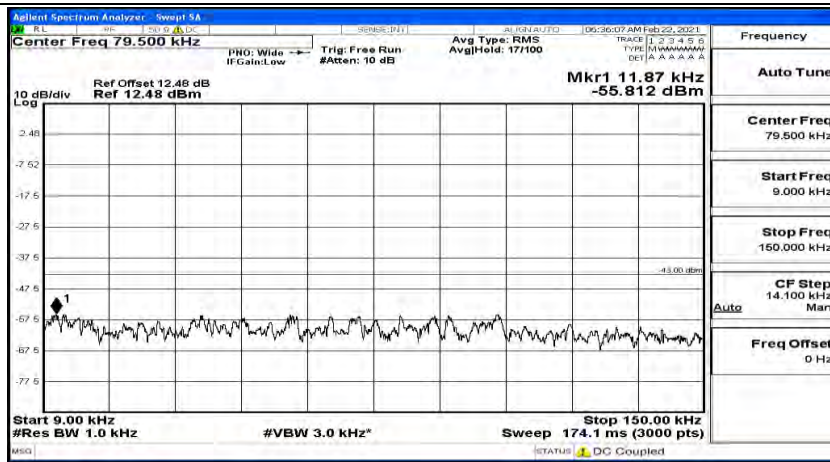




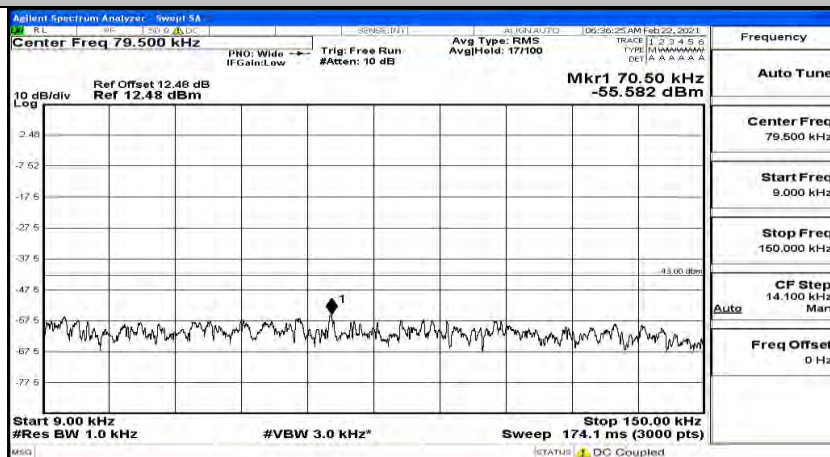
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0

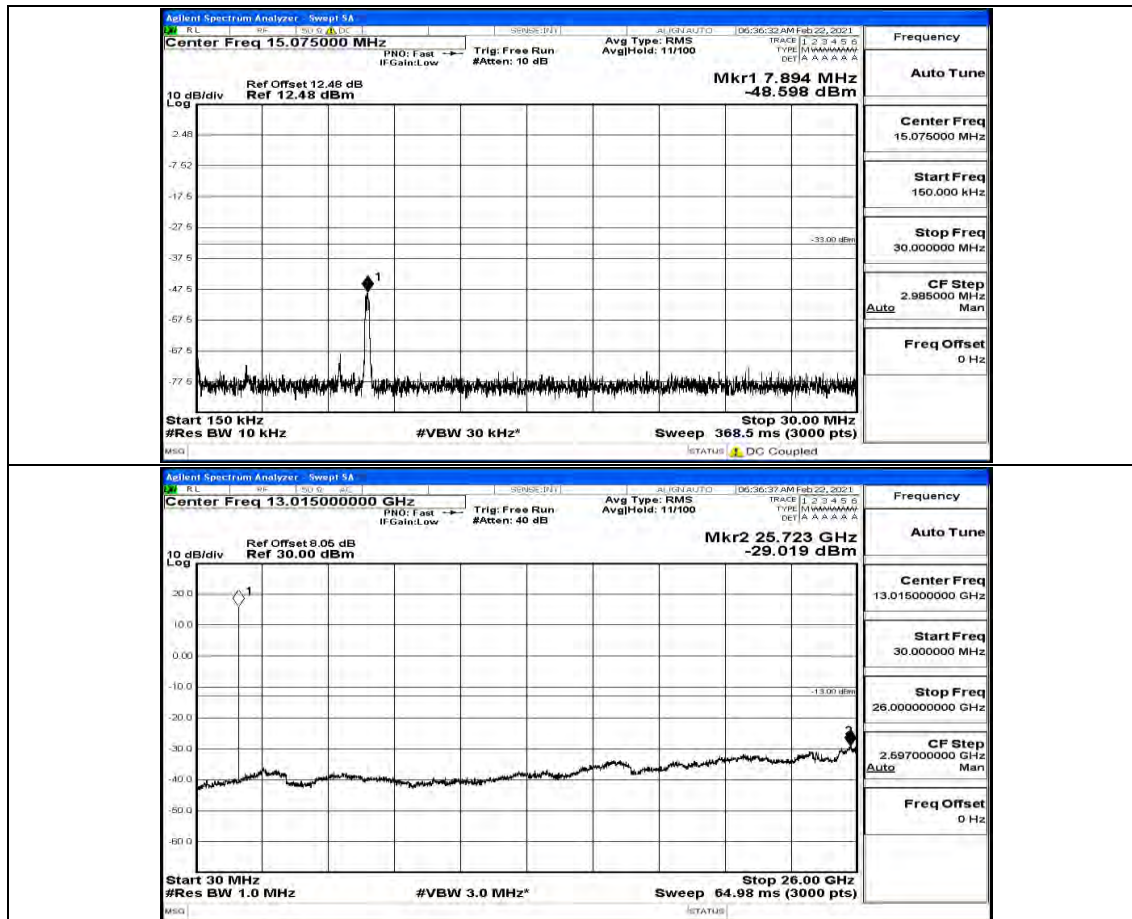


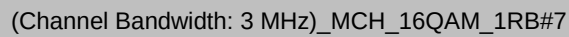
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7

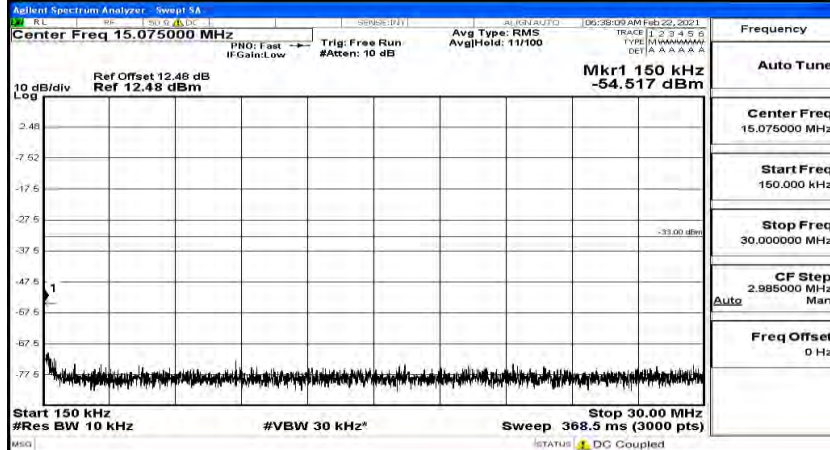
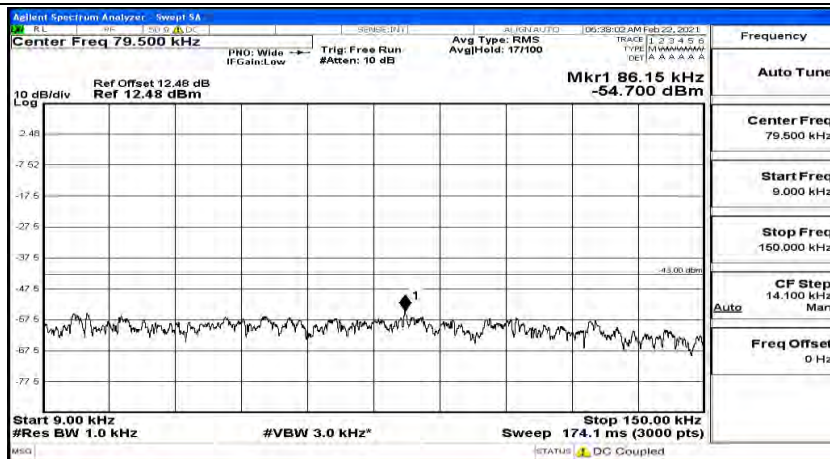


(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

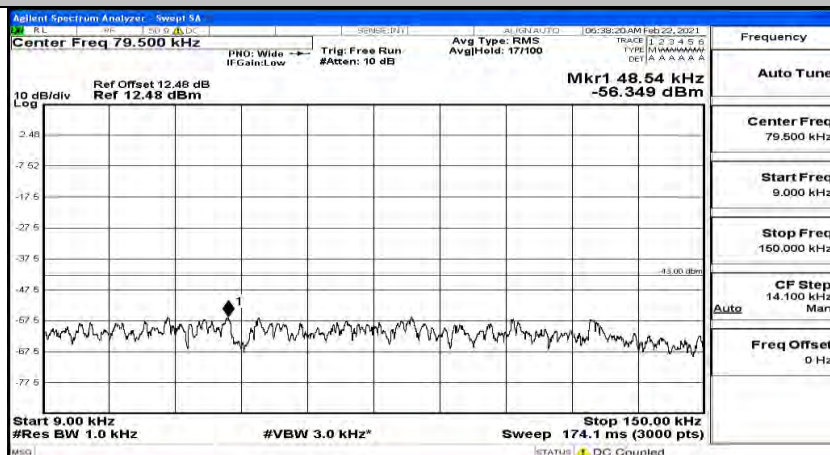


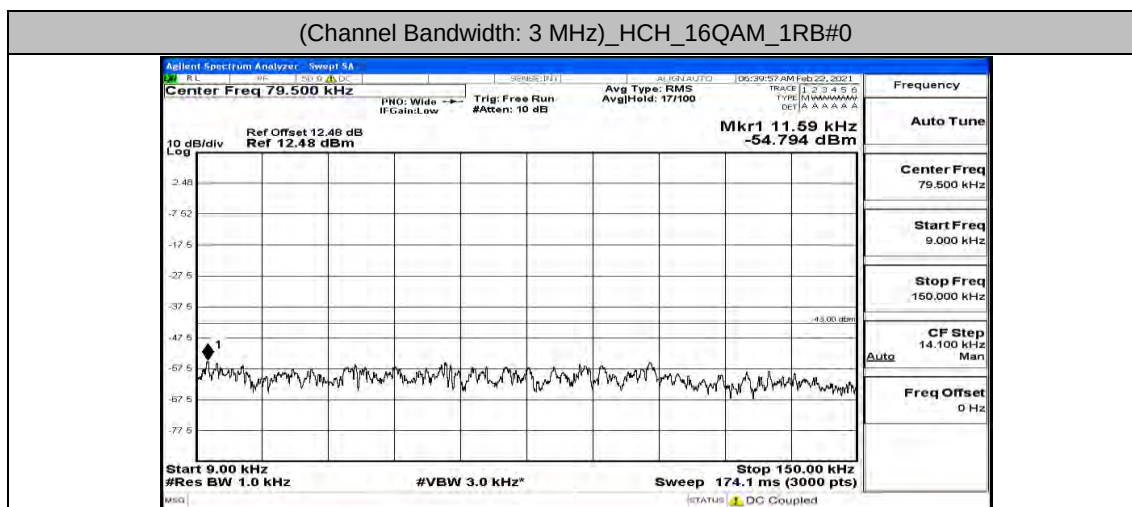
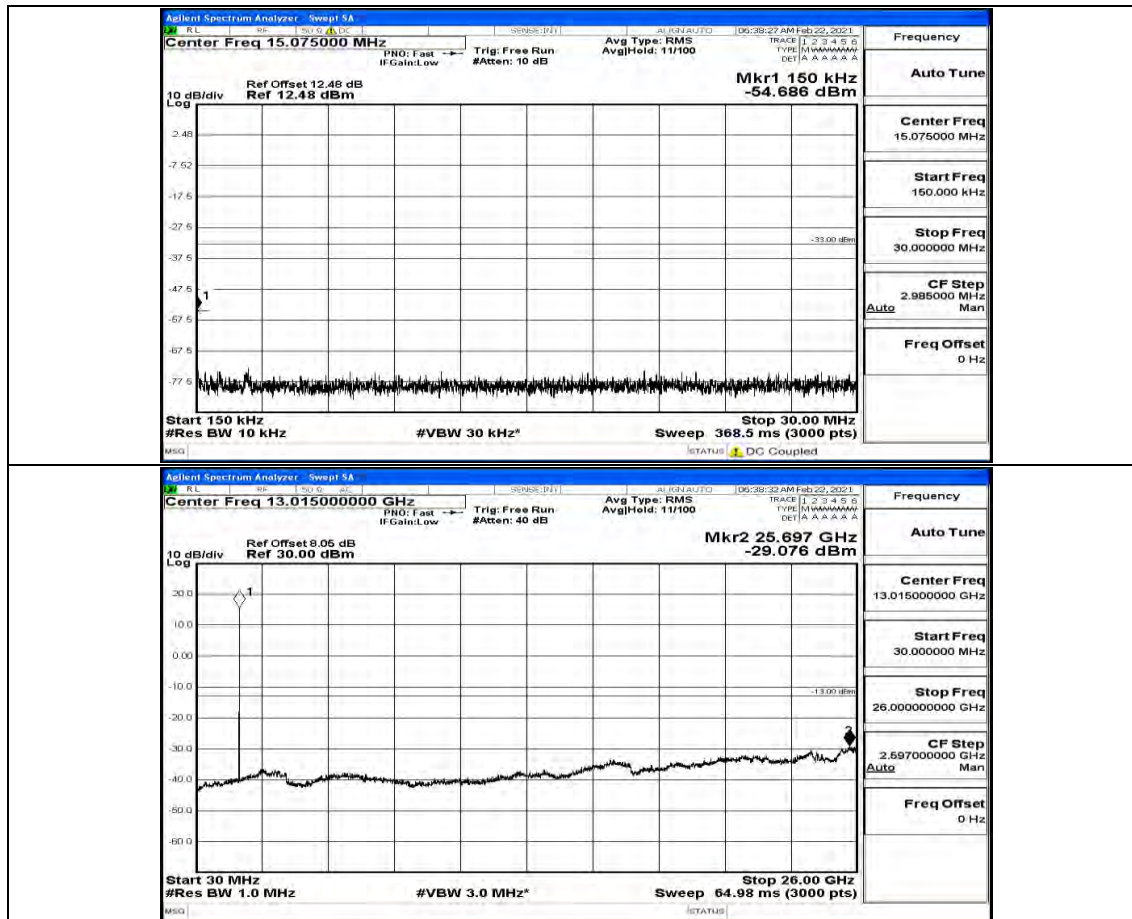


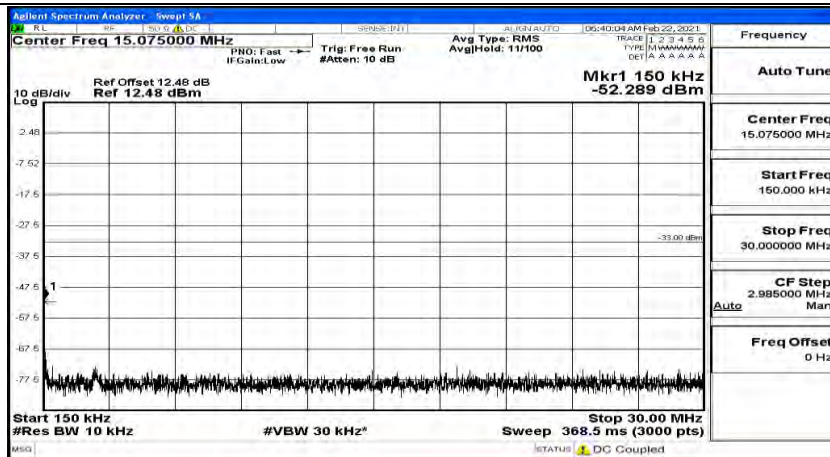




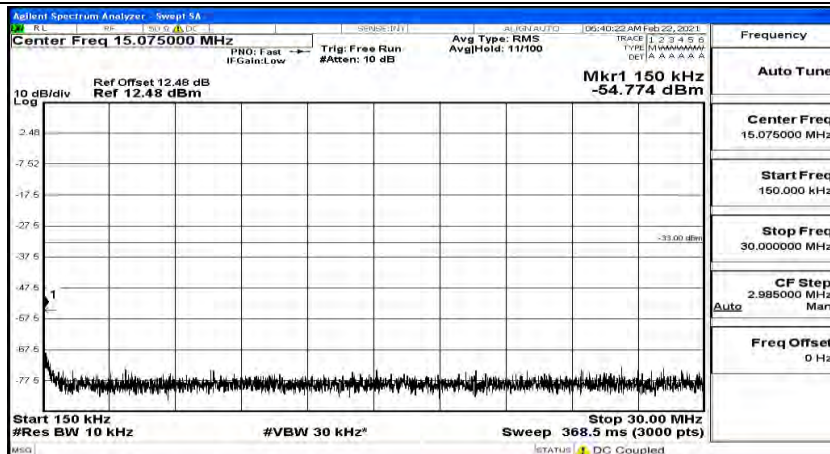
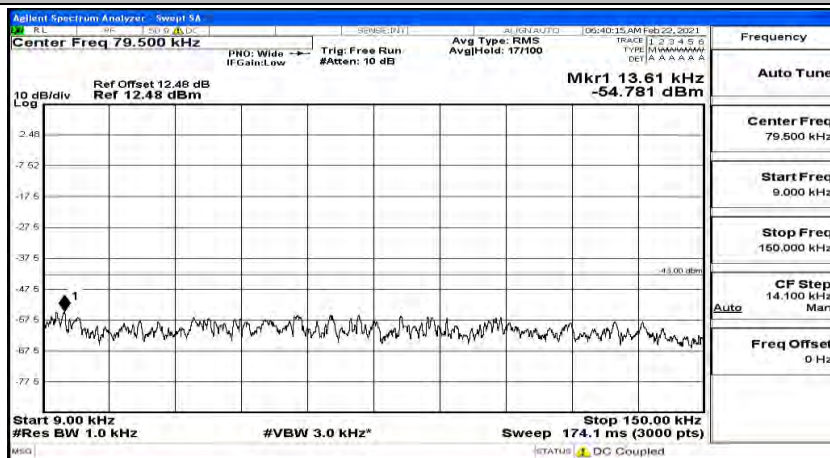
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14





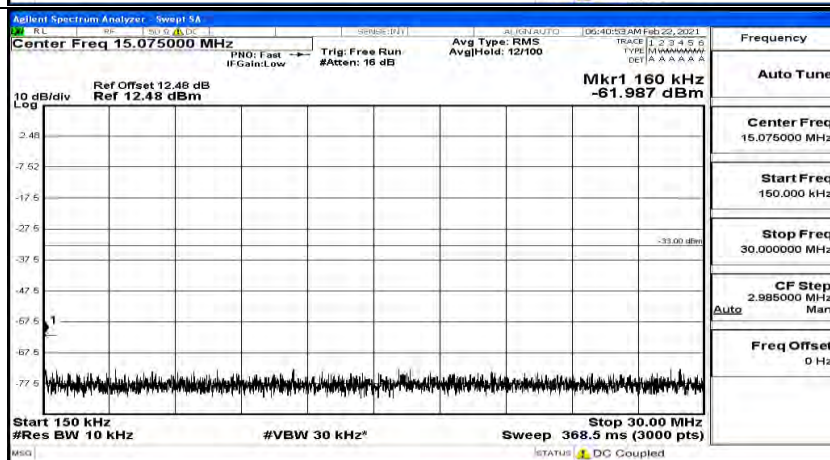
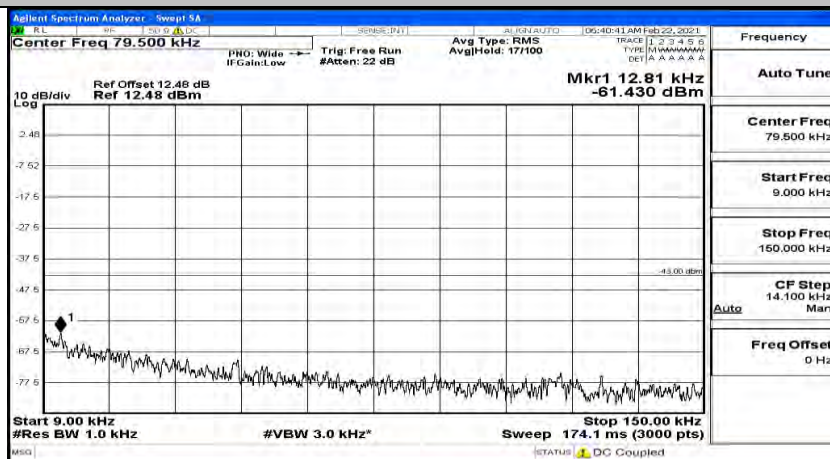


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



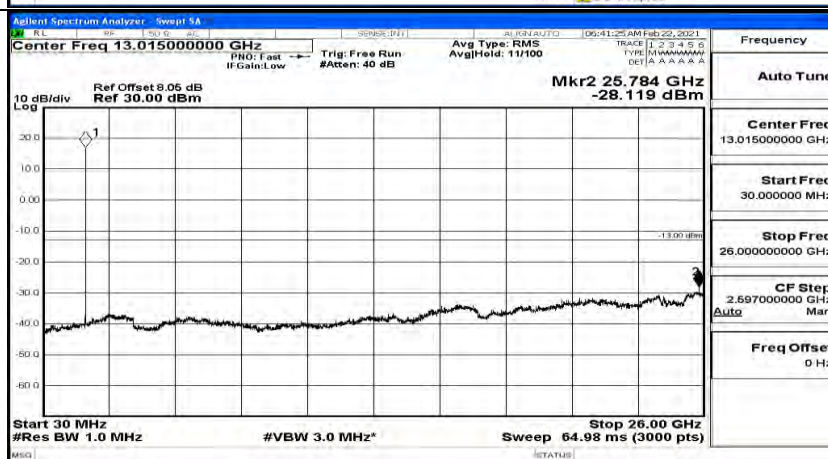
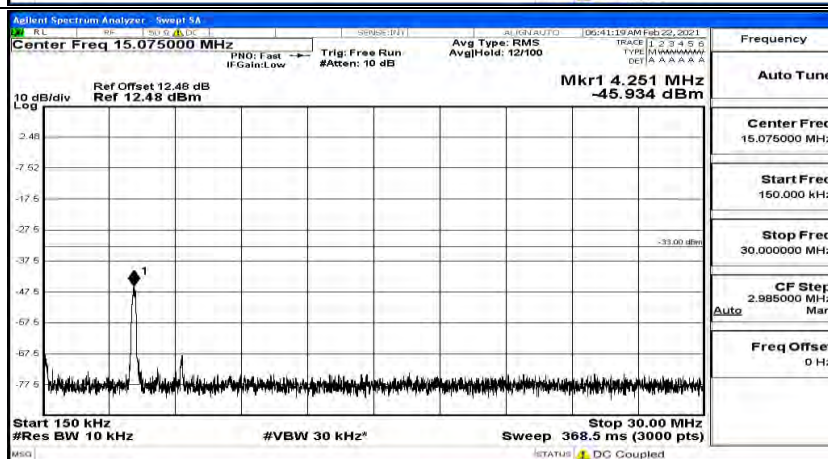
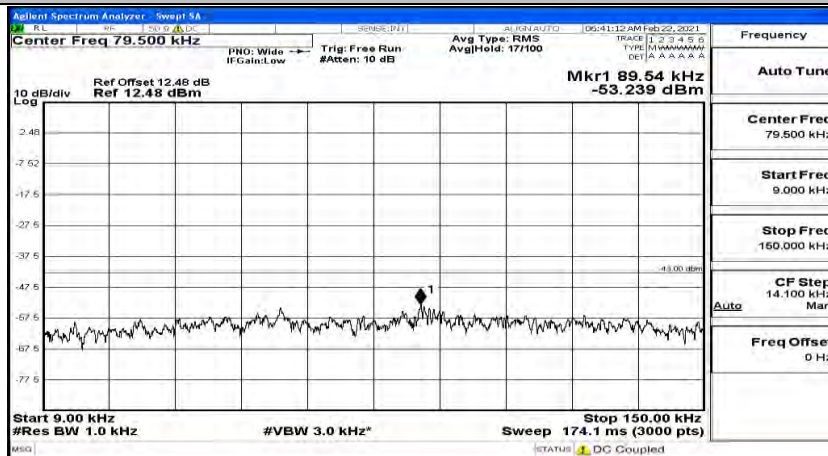


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14

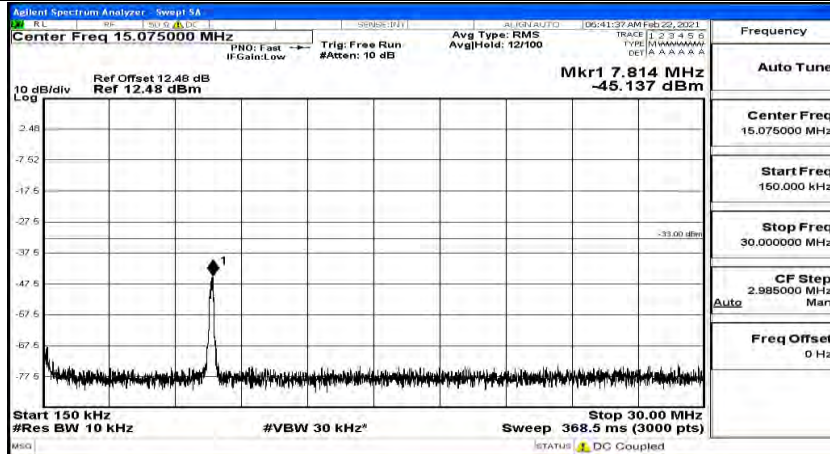
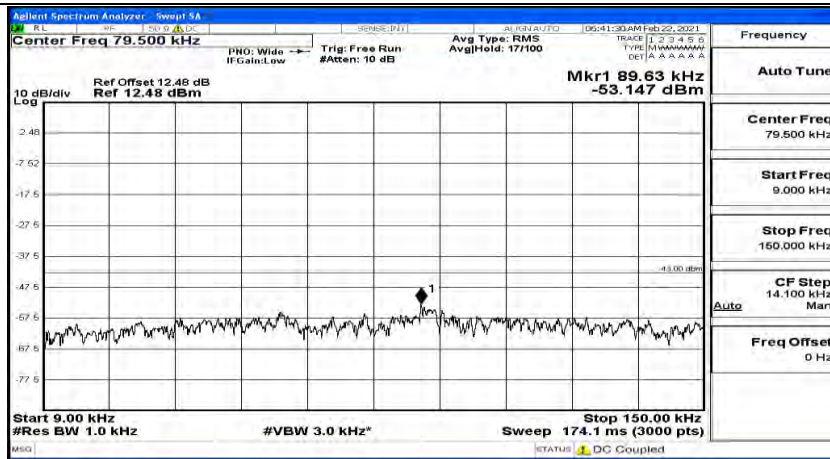


Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#24

