

Appendix D: Test Data for E-UTRA Band 2

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

D.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	23.81	22.96	PASS
		1	3	23.88	23.06	PASS
		1	5	23.86	23.01	PASS
		3	0	23.78	22.54	PASS
		3	2	23.70	22.53	PASS
		3	3	23.80	22.70	PASS
		6	0	22.77	21.82	PASS
	MCH	1	0	24.12	23.55	PASS
		1	3	24.11	23.45	PASS
		1	5	24.07	23.25	PASS
		3	0	24.28	22.88	PASS
		3	2	24.09	22.87	PASS
		3	3	24.21	22.59	PASS
		6	0	23.10	22.01	PASS
	HCH	1	0	24.31	23.41	PASS
		1	3	24.08	23.42	PASS
		1	5	24.12	23.25	PASS
		3	0	24.12	22.92	PASS
		3	2	24.19	22.92	PASS
		3	3	24.05	22.79	PASS
		6	0	23.04	22.21	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	23.79	22.76	PASS
		1	7	23.91	22.90	PASS
		1	14	23.87	22.63	PASS
		8	0	22.71	21.69	PASS
		8	4	22.79	21.72	PASS
		8	7	22.81	21.70	PASS
		15	0	22.87	21.79	PASS
	MCH	1	0	24.17	22.91	PASS
		1	7	24.01	22.86	PASS
		1	14	24.12	22.78	PASS
		8	0	23.32	22.42	PASS
		8	4	23.32	22.41	PASS
		8	7	23.12	22.16	PASS
		15	0	23.15	22.18	PASS
	HCH	1	0	24.10	23.81	PASS
		1	7	23.97	23.43	PASS
		1	14	23.94	23.16	PASS
		8	0	23.13	22.40	PASS
		8	4	23.12	22.41	PASS
		8	7	23.06	22.03	PASS
		15	0	23.08	22.32	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	23.90	22.00	PASS
		1	12	24.08	22.04	PASS
		1	24	23.77	21.81	PASS
		12	0	22.86	21.99	PASS
		12	6	22.85	21.99	PASS
		12	13	22.75	21.96	PASS
		25	0	22.85	21.91	PASS
	MCH	1	0	24.17	23.36	PASS
		1	12	24.21	22.99	PASS
		1	24	24.09	22.96	PASS
		12	0	23.13	22.07	PASS
		12	6	23.12	22.07	PASS
		12	13	23.00	21.92	PASS
		25	0	23.15	22.29	PASS
	HCH	1	0	23.99	22.75	PASS
		1	12	24.09	22.61	PASS
		1	24	23.97	22.49	PASS
		12	0	23.11	22.13	PASS
		12	6	23.11	22.21	PASS
		12	13	23.02	22.03	PASS
		25	0	23.07	22.20	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	23.94	22.80	PASS
		1	24	24.06	22.64	PASS
		1	49	23.10	22.46	PASS
		25	0	22.91	22.16	PASS
		25	12	22.82	21.98	PASS
		25	25	22.77	21.97	PASS
		50	0	22.79	21.91	PASS
	MCH	1	0	24.28	23.47	PASS
		1	24	24.63	24.03	PASS
		1	49	24.02	23.19	PASS
		25	0	23.27	22.57	PASS
		25	12	23.27	22.57	PASS
		25	25	23.05	22.12	PASS
		50	0	23.15	22.08	PASS
	HCH	1	0	22.58	21.78	PASS
		1	24	24.57	23.83	PASS
		1	49	23.29	22.52	PASS
		25	0	23.13	22.22	PASS
		25	12	23.11	22.22	PASS
		25	25	23.19	22.35	PASS
		50	0	23.20	22.17	PASS

Conducted Output Power Test Result (Channel Bandwidth: 15 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.94	23.68	PASS
		1	37	24.12	23.65	PASS
		1	74	22.06	21.30	PASS
		37	0	23.01	22.98	PASS
		37	18	23.00	22.97	PASS
		37	38	23.00	23.05	PASS
		75	0	23.04	22.11	PASS
	MCH	1	0	23.65	22.99	PASS
		1	37	24.95	23.93	PASS
		1	74	23.88	22.47	PASS
		37	0	23.31	23.29	PASS
		37	18	23.31	23.29	PASS
		37	38	23.30	23.29	PASS
		75	0	23.33	22.49	PASS
	HCH	1	0	22.53	21.47	PASS
		1	37	23.77	22.73	PASS
		1	74	22.93	21.94	PASS
		37	0	23.17	23.23	PASS
		37	18	23.16	23.22	PASS
		37	38	23.14	23.21	PASS
		75	0	23.19	22.20	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	24.16	23.51	PASS
		1	49	23.34	22.43	PASS
		1	99	22.13	21.17	PASS
		50	0	23.15	22.17	PASS
		50	25	23.15	22.19	PASS
		50	50	22.21	21.39	PASS
		100	0	23.02	22.04	PASS
	MCH	1	0	22.49	21.67	PASS
		1	49	25.11	23.87	PASS
		1	99	23.67	22.19	PASS
		50	0	23.34	22.43	PASS
		50	25	23.34	22.52	PASS
		50	50	23.27	22.32	PASS
		100	0	23.31	22.35	PASS
	HCH	1	0	23.52	22.63	PASS
		1	49	22.91	22.09	PASS
		1	99	22.55	21.68	PASS
		50	0	22.93	22.06	PASS
		50	25	22.92	22.06	PASS
		50	50	23.35	22.46	PASS
		100	0	23.08	22.20	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	4.74	<13	PASS
	MCH	5.11	<13	PASS
	HCH	4.97	<13	PASS
16QAM	LCH	5.59	<13	PASS
	MCH	5.82	<13	PASS
	HCH	5.76	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.8	<13	PASS
	MCH	5.2	<13	PASS
	HCH	5.03	<13	PASS
16QAM	LCH	5.61	<13	PASS
	MCH	5.93	<13	PASS
	HCH	5.89	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.82	<13	PASS
	MCH	5.18	<13	PASS
	HCH	5.1	<13	PASS
16QAM	LCH	5.64	<13	PASS
	MCH	5.97	<13	PASS
	HCH	5.92	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.94	<13	PASS
	MCH	5.1	<13	PASS
	HCH	5.08	<13	PASS
16QAM	LCH	5.76	<13	PASS
	MCH	5.89	<13	PASS
	HCH	5.92	<13	PASS

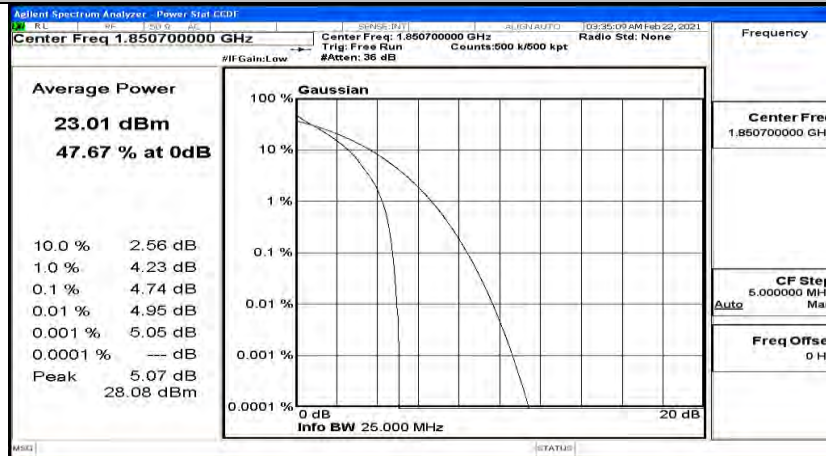
Peak-to Average Ratio Test Result (Channel Bandwidth: 15 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.25	<13	PASS
	MCH	5.2	<13	PASS
	HCH	5.35	<13	PASS
16QAM	LCH	5.94	<13	PASS
	MCH	5.94	<13	PASS
	HCH	6.1	<13	PASS

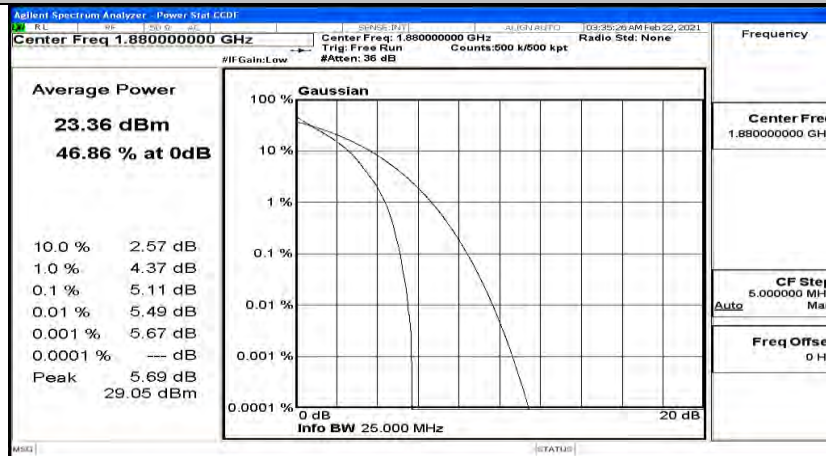
Peak-to Average Ratio Test Result (Channel Bandwidth: 20 MHz)

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.25	<13	PASS
	MCH	5.02	<13	PASS
	HCH	5.41	<13	PASS
16QAM	LCH	6.01	<13	PASS
	MCH	5.83	<13	PASS
	HCH	6.14	<13	PASS

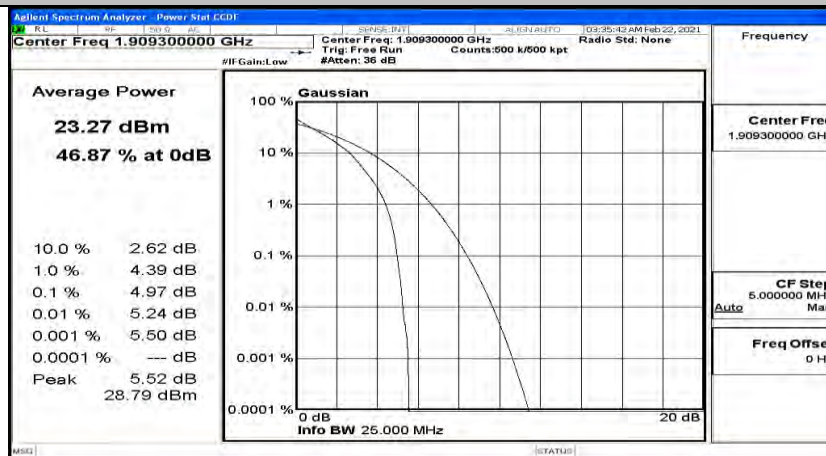
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



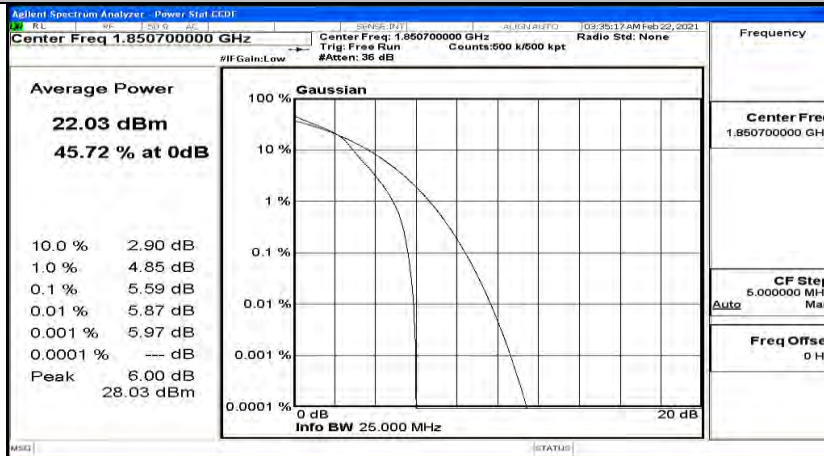
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



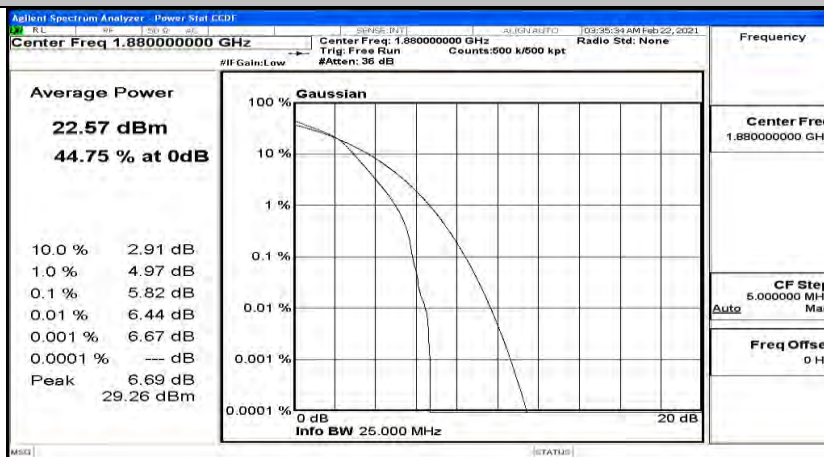
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



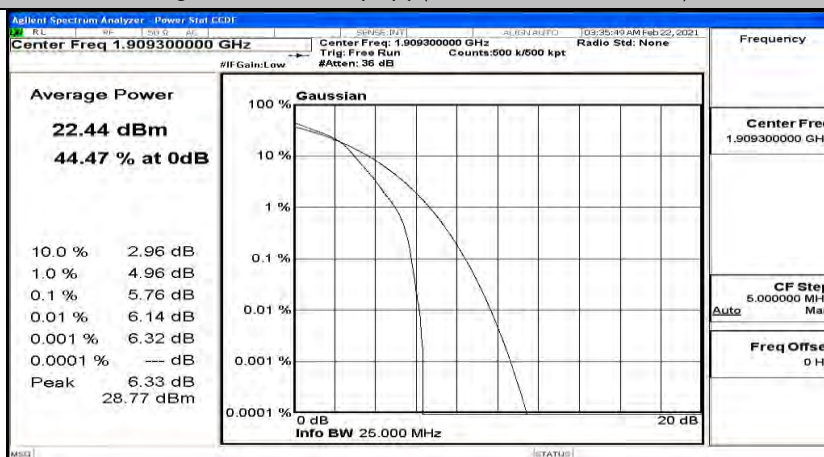
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



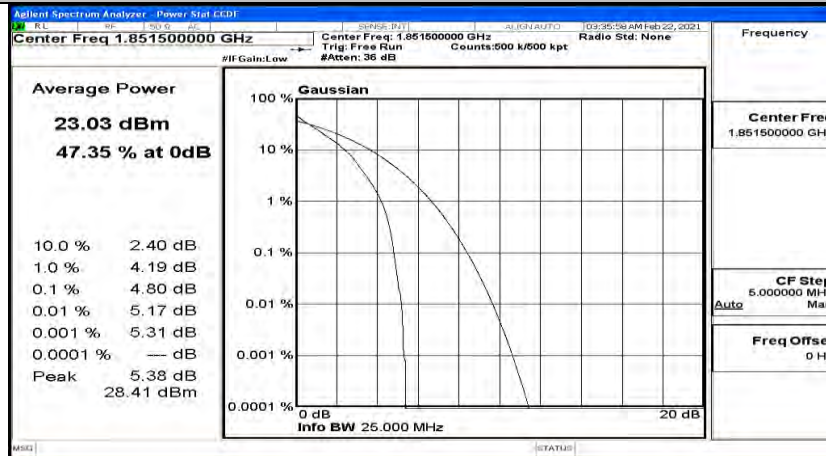
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



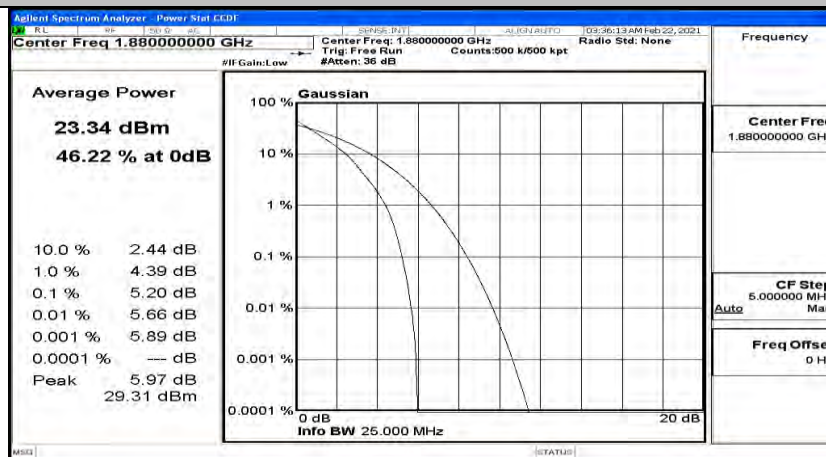
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



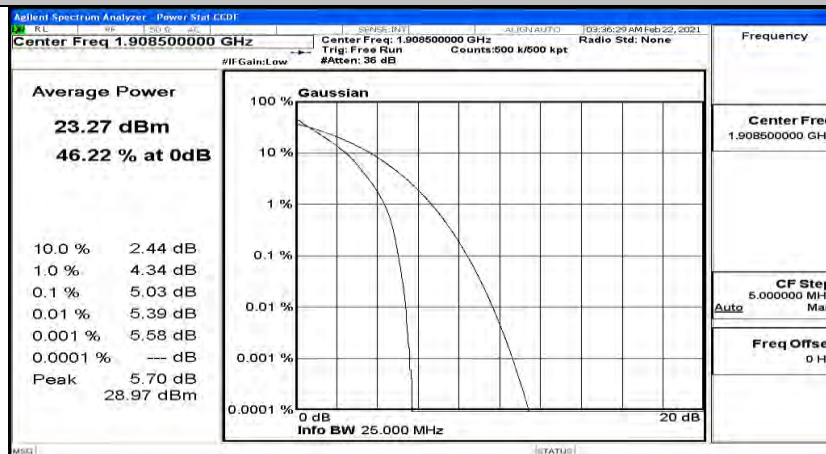
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



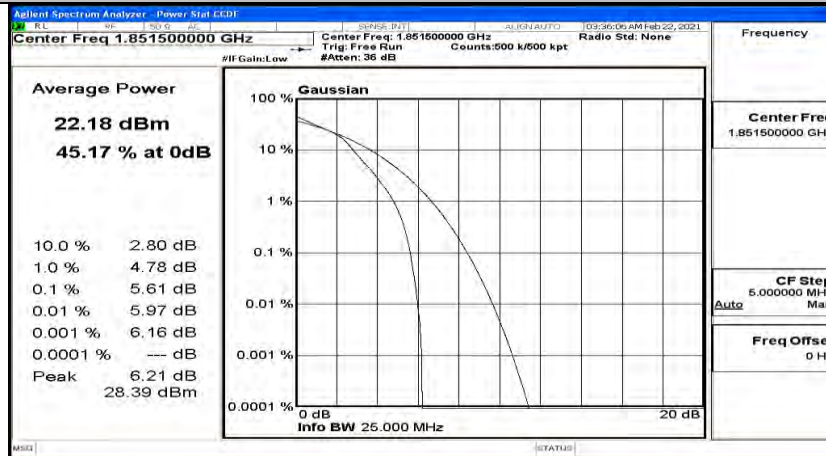
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



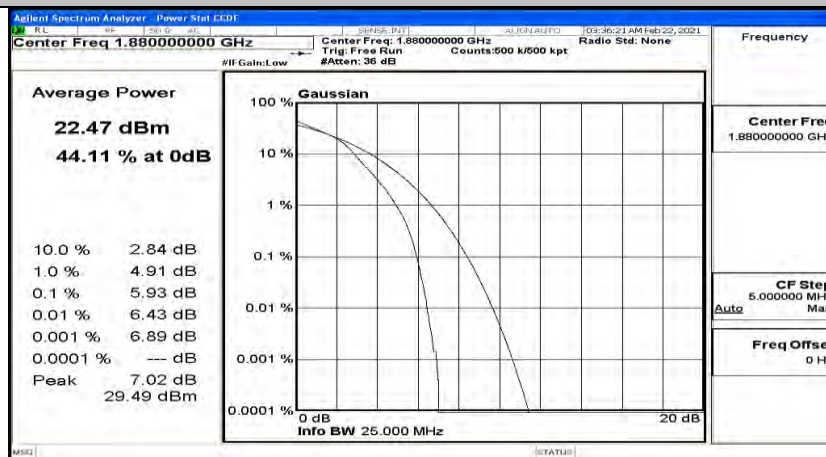
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



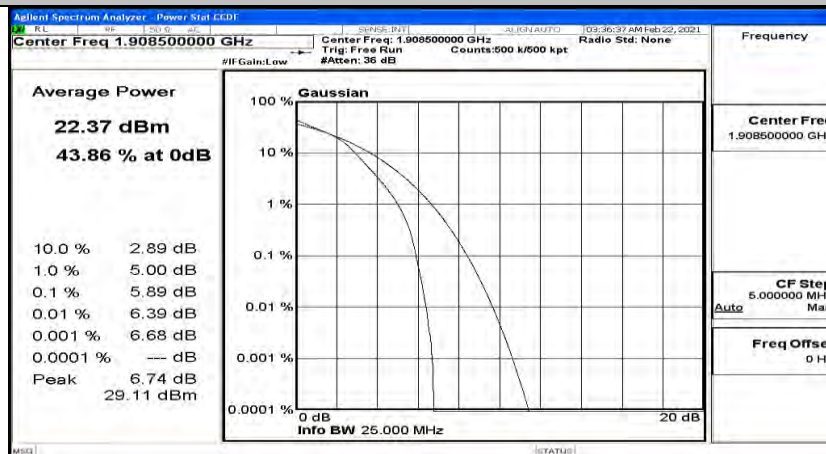
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



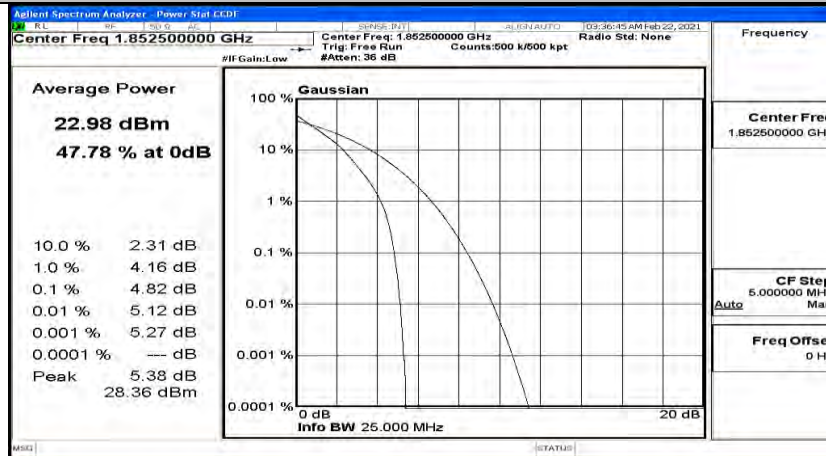
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



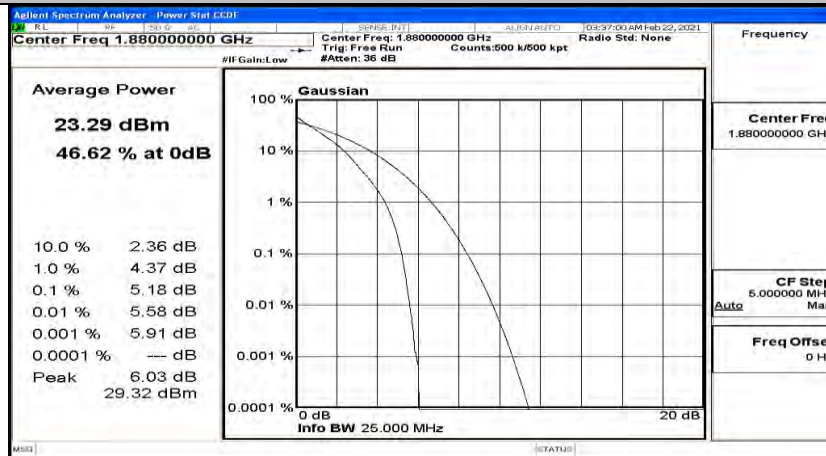
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



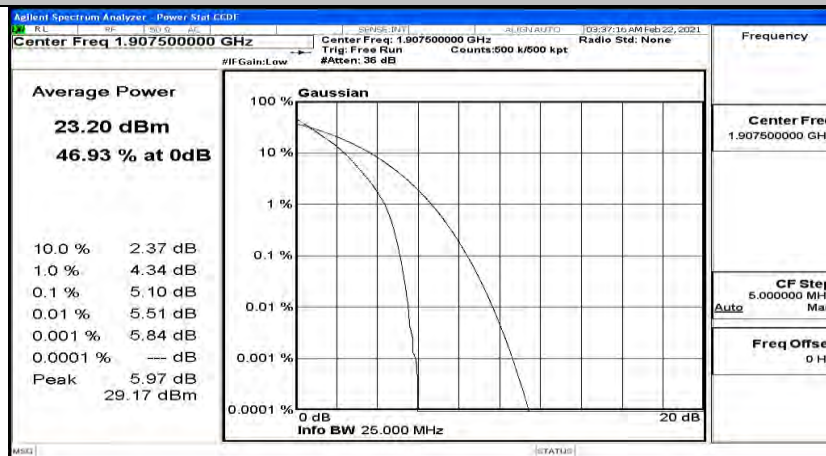
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



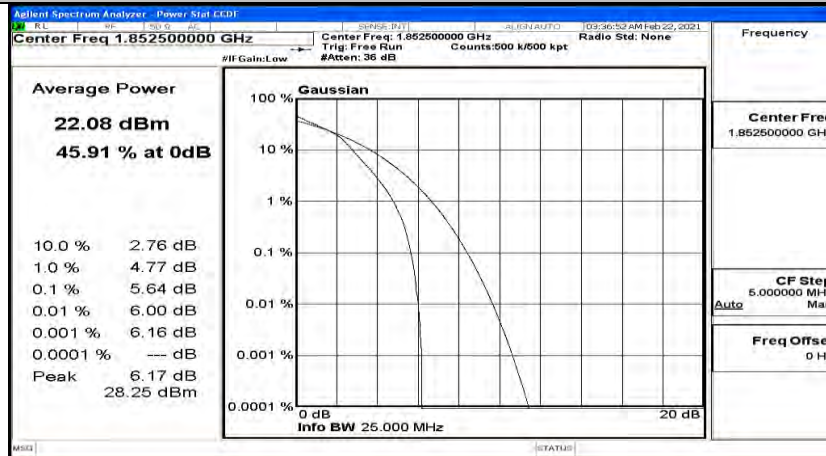
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



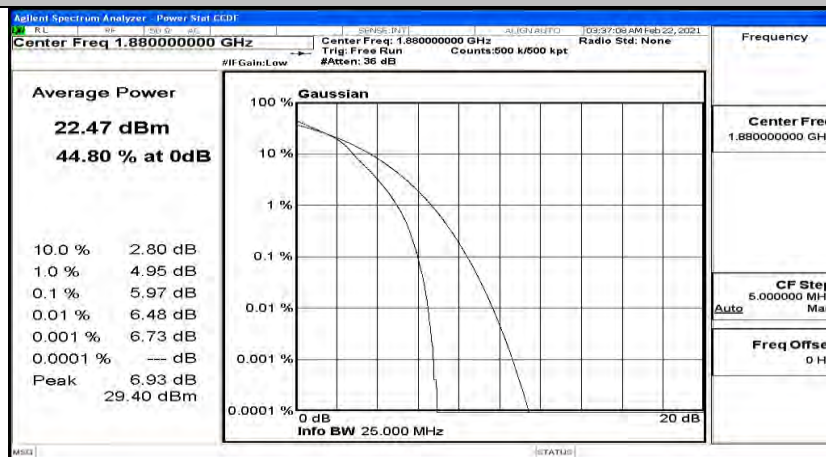
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



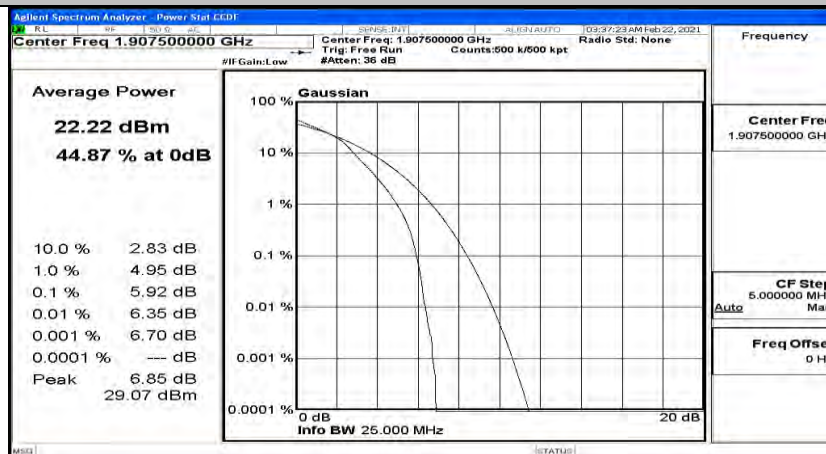
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



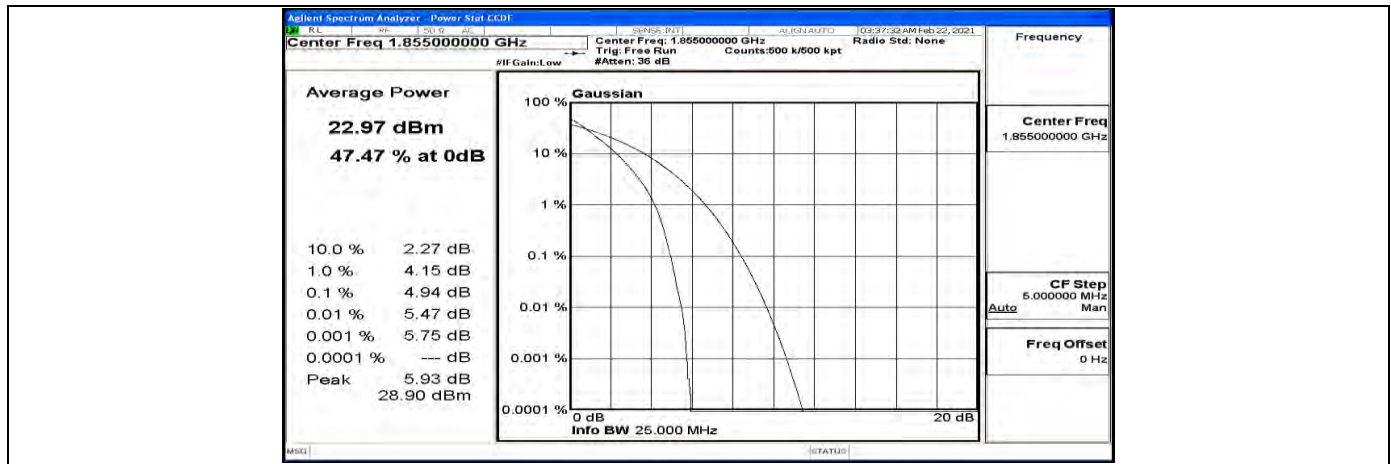
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



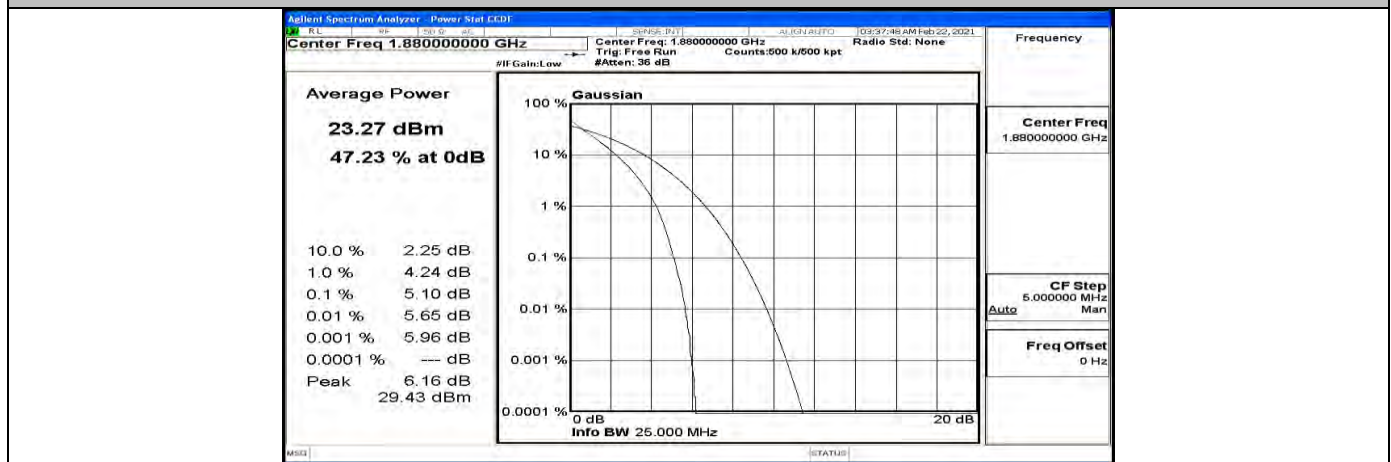
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



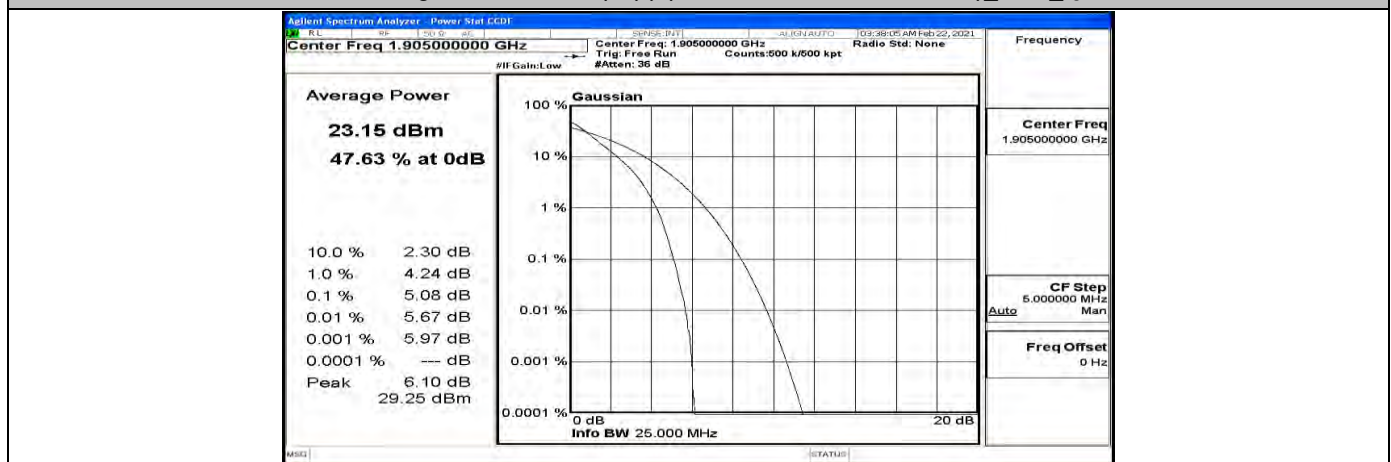
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



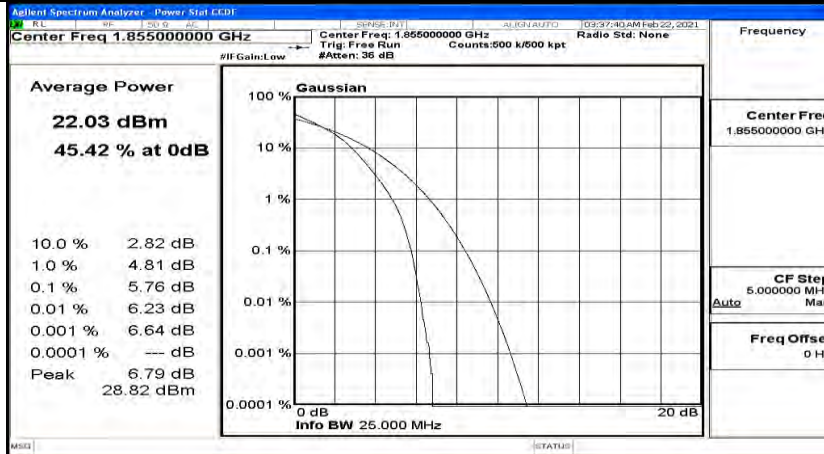
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



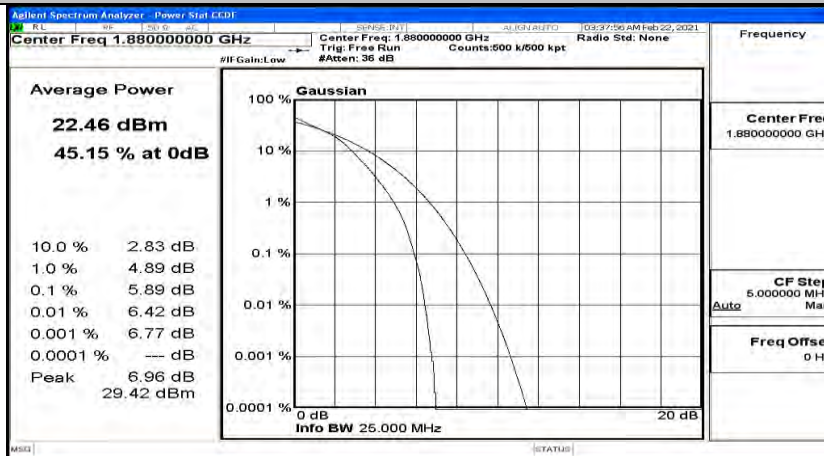
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



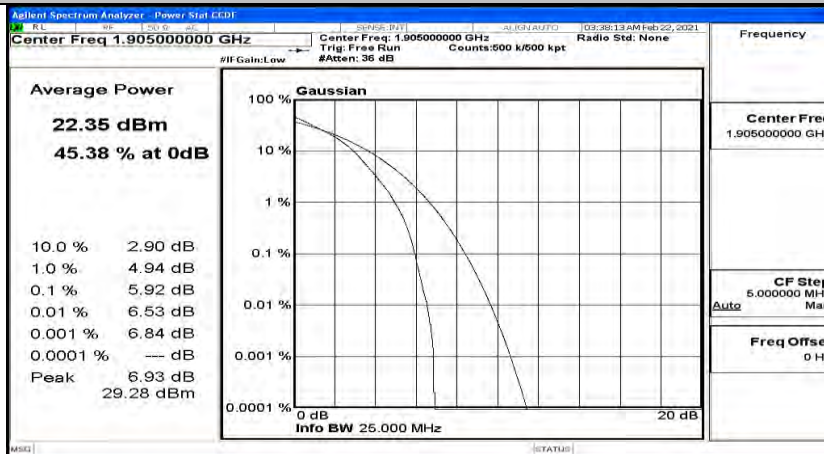
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



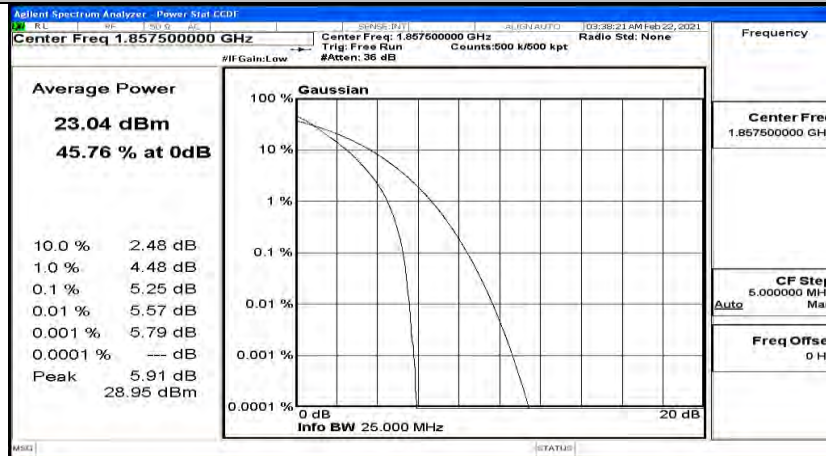
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



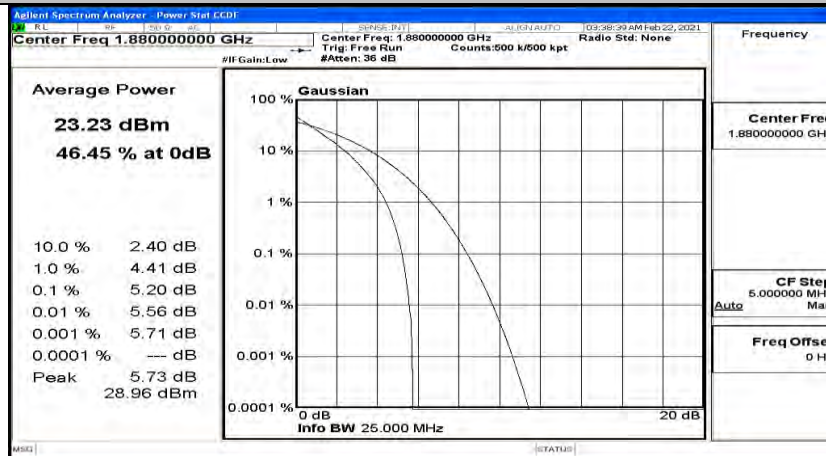
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



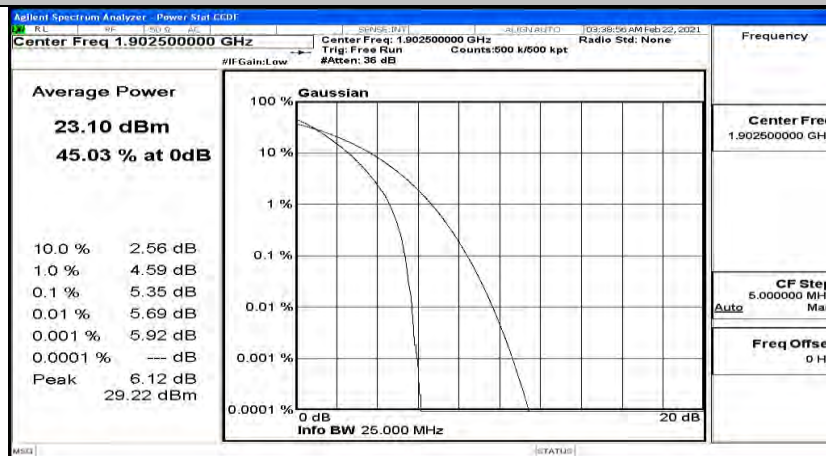
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



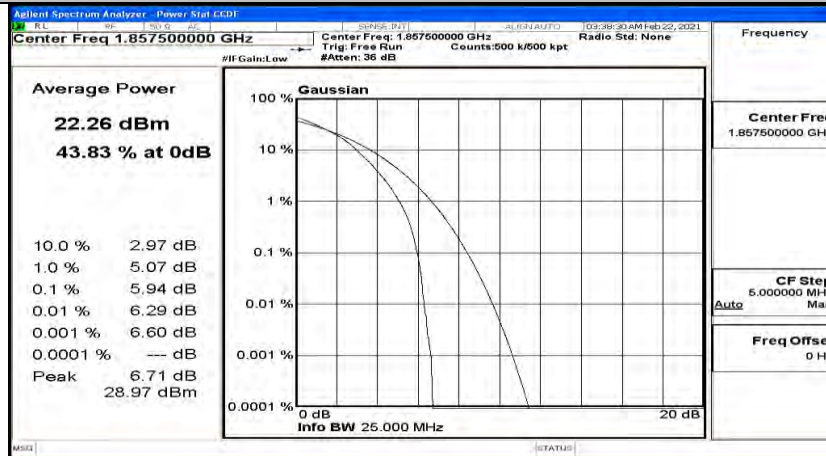
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



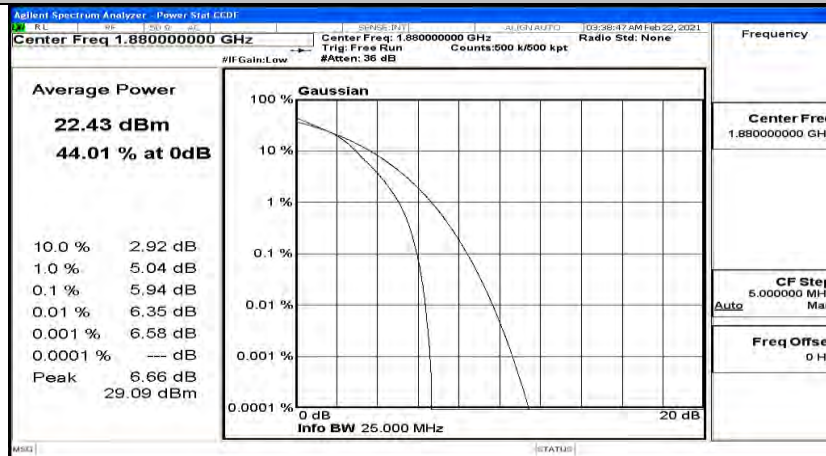
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



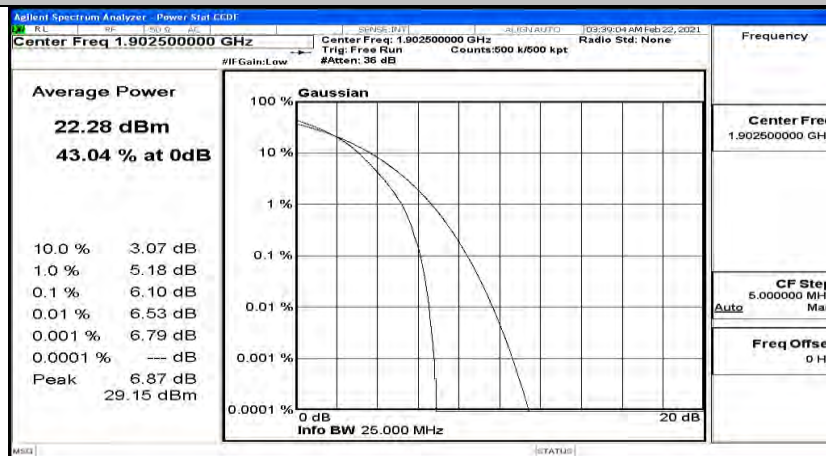
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



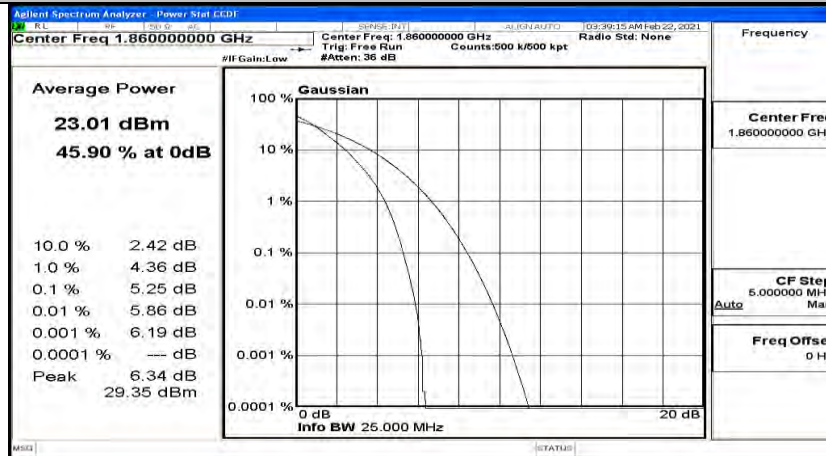
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



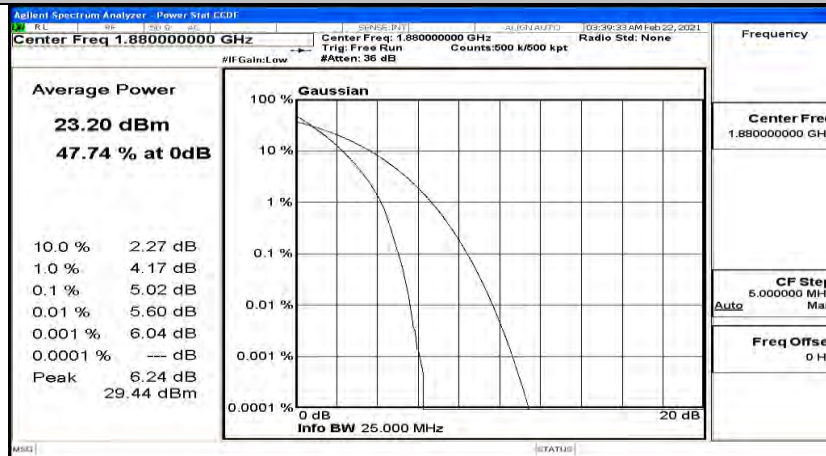
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



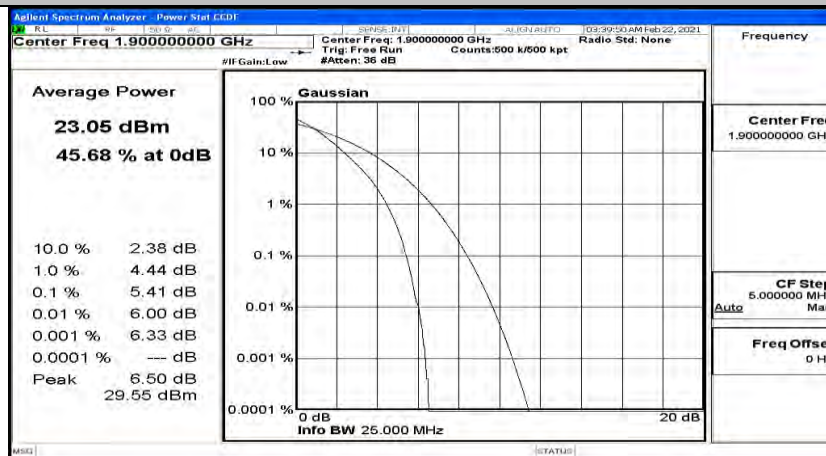
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



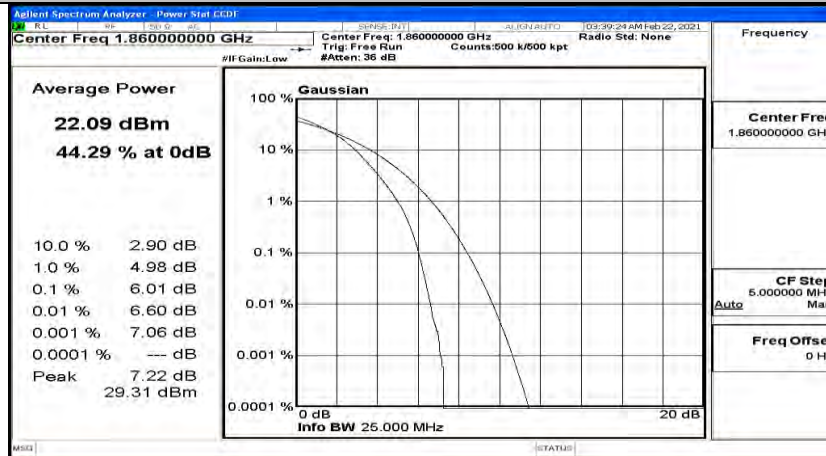
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



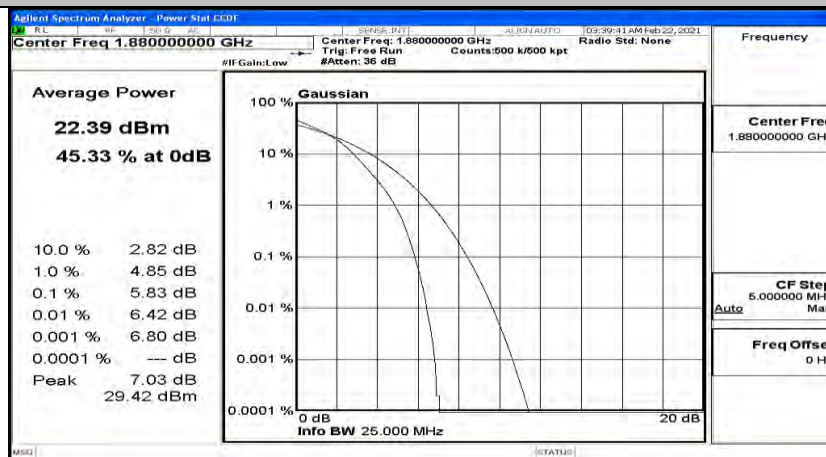
Peak-to Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



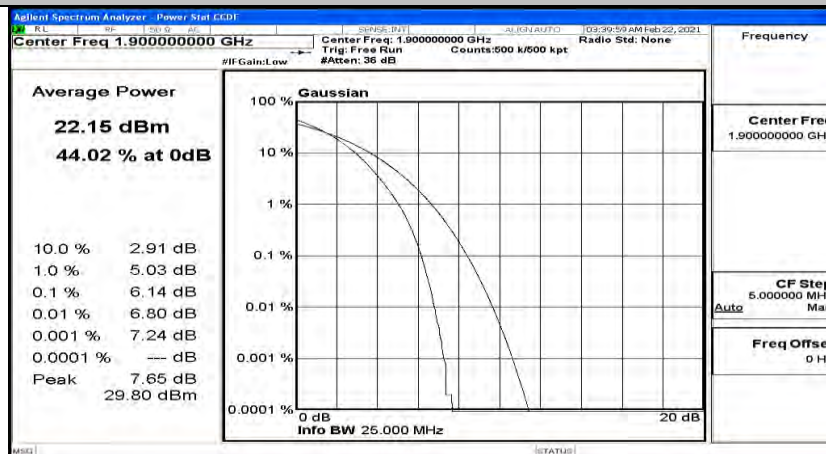
Peak-to-Average Ratio Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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



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	1.0763	1.207	PASS
	MCH	1.0768	1.234	PASS
	HCH	1.0765	1.241	PASS
16QAM	LCH	1.0787	1.237	PASS
	MCH	1.0745	1.227	PASS
	HCH	1.0789	1.242	PASS

EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6791	2.883	PASS
	MCH	2.6872	2.889	PASS
	HCH	2.6837	2.881	PASS
16QAM	LCH	2.6834	2.909	PASS
	MCH	2.6866	2.924	PASS
	HCH	2.6769	2.890	PASS

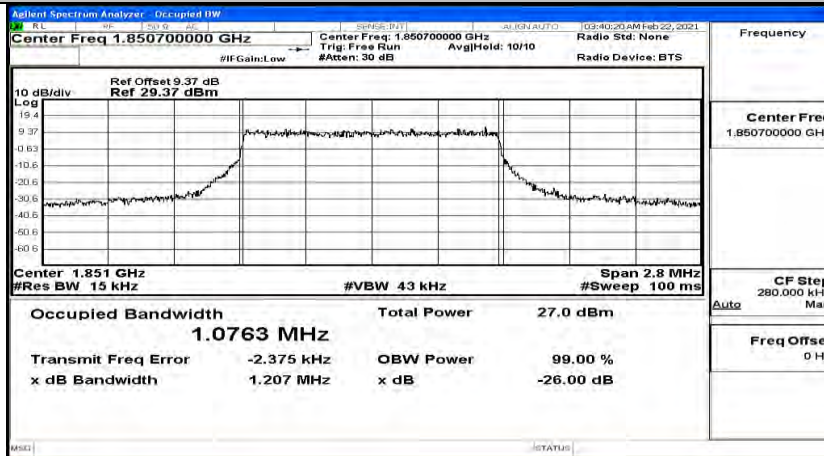
EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4719	4.846	PASS
	MCH	4.4767	4.753	PASS
	HCH	4.4664	4.820	PASS
16QAM	LCH	4.4692	4.814	PASS
	MCH	4.4698	4.812	PASS
	HCH	4.4770	4.781	PASS

EBW & OBW Test Result (Channel Bandwidth: 10 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9164	9.416	PASS
	MCH	8.9211	9.414	PASS
	HCH	8.9095	9.382	PASS
16QAM	LCH	8.8891	9.374	PASS
	MCH	8.9228	9.418	PASS
	HCH	8.8989	9.359	PASS

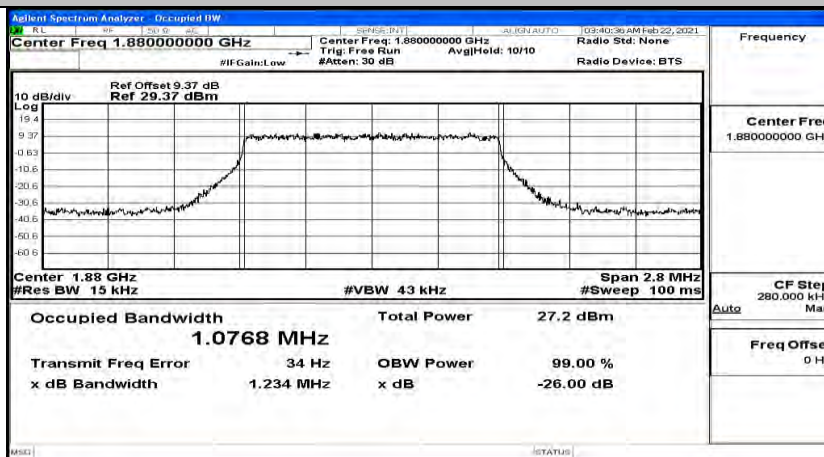
EBW & OBW Test Result (Channel Bandwidth: 15 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.367	14.00	PASS
	MCH	13.361	13.96	PASS
	HCH	13.369	13.95	PASS
16QAM	LCH	13.358	13.98	PASS
	MCH	13.358	14.00	PASS
	HCH	13.362	14.02	PASS

EBW & OBW Test Result (Channel Bandwidth: 20 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.844	18.54	PASS
	MCH	17.781	18.62	PASS
	HCH	17.842	18.61	PASS
16QAM	LCH	17.853	18.56	PASS
	MCH	17.760	18.50	PASS
	HCH	17.845	18.61	PASS

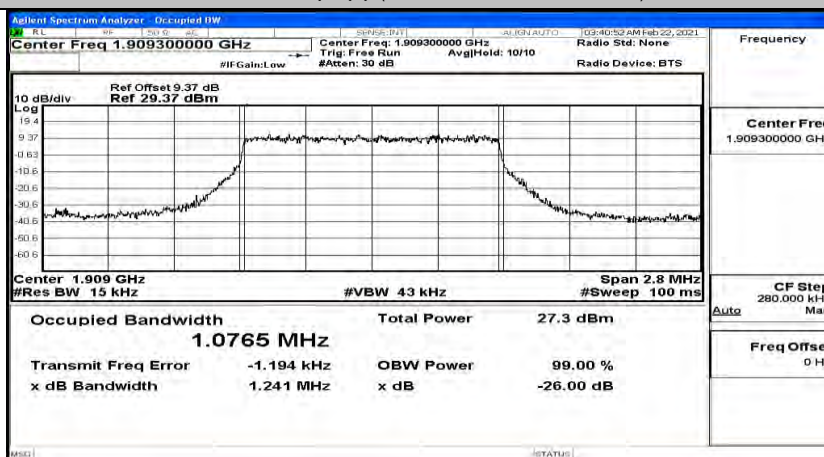
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



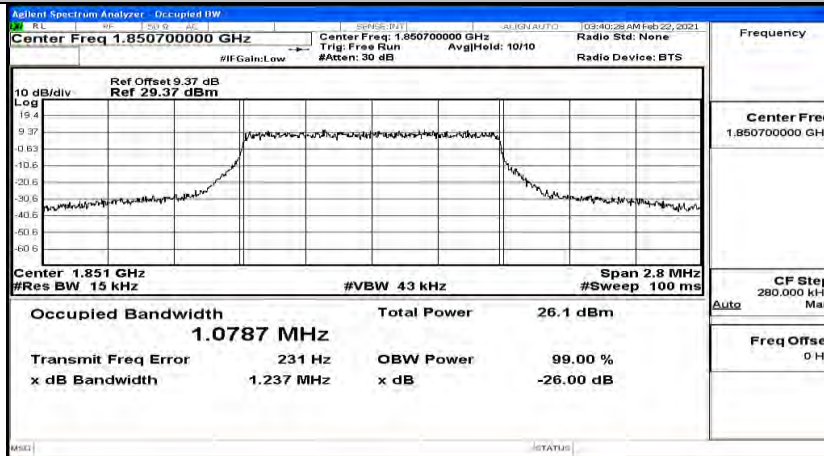
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_QPSK



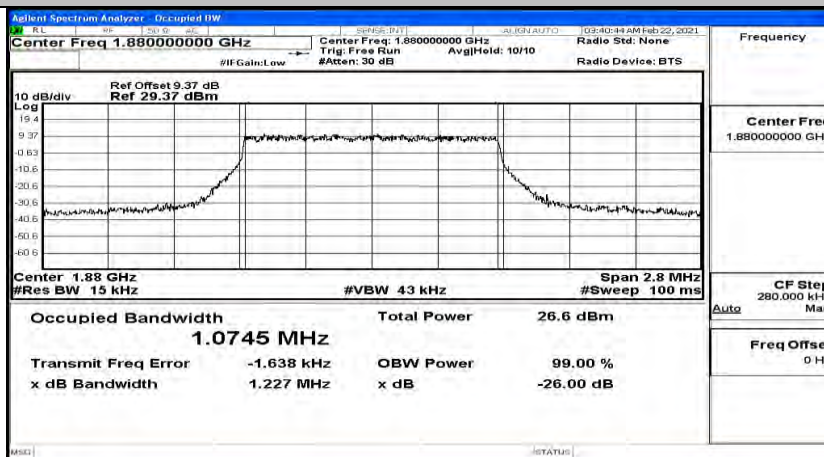
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



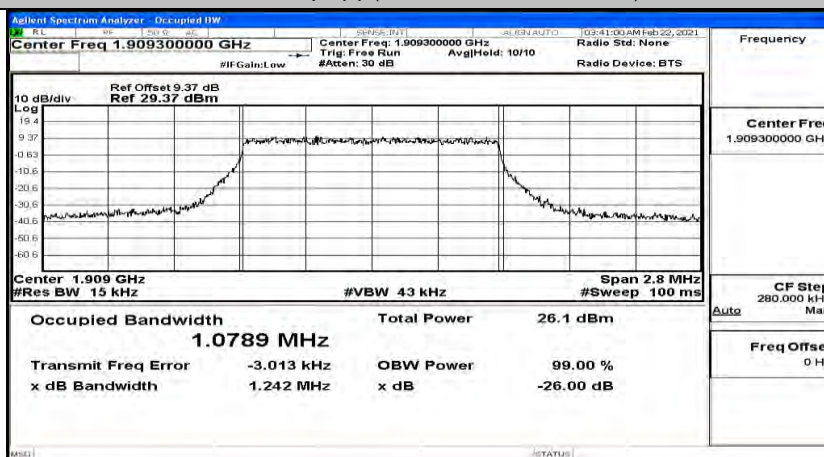
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



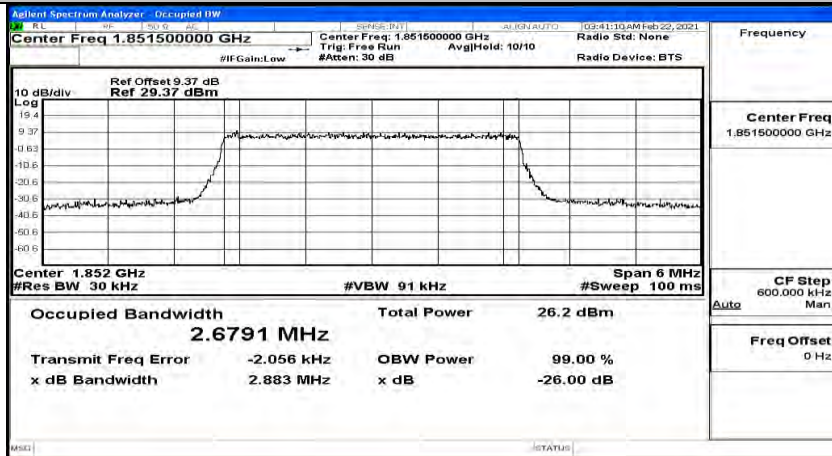
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_MCH_16QAM



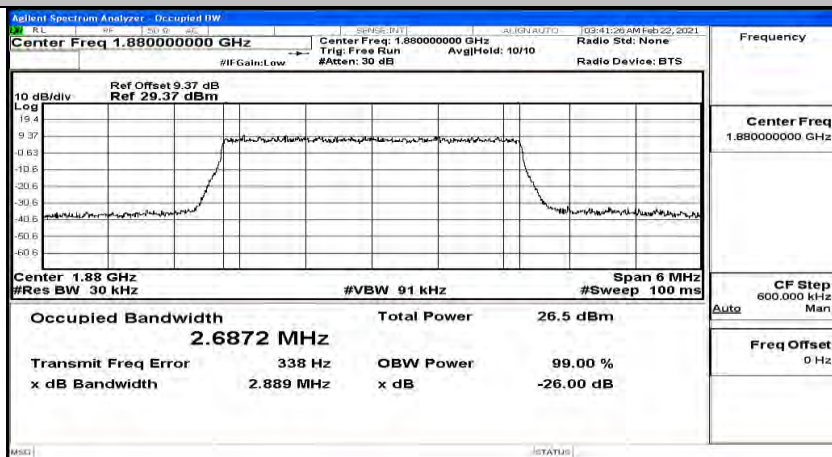
EBW & OBW Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



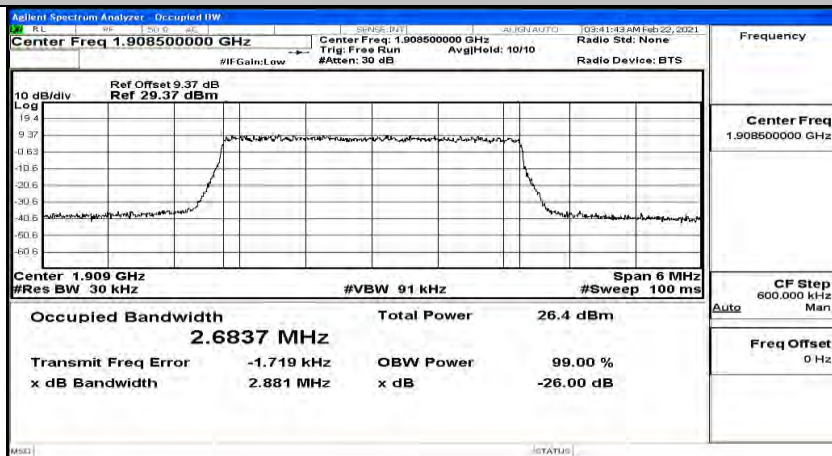
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



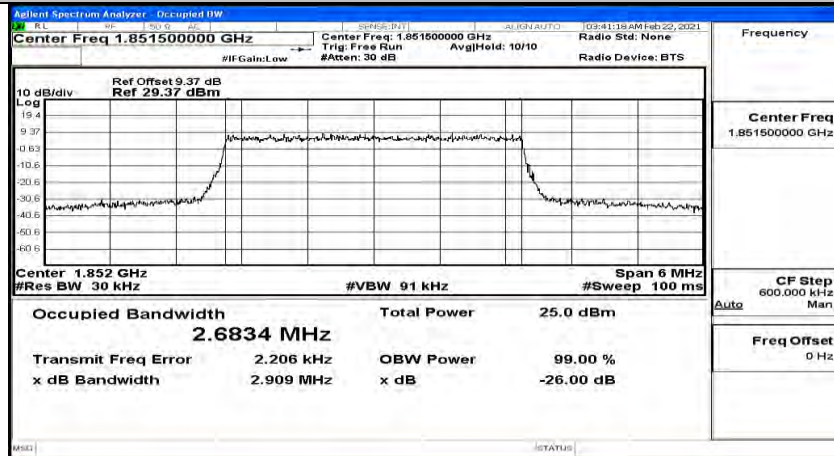
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_QPSK



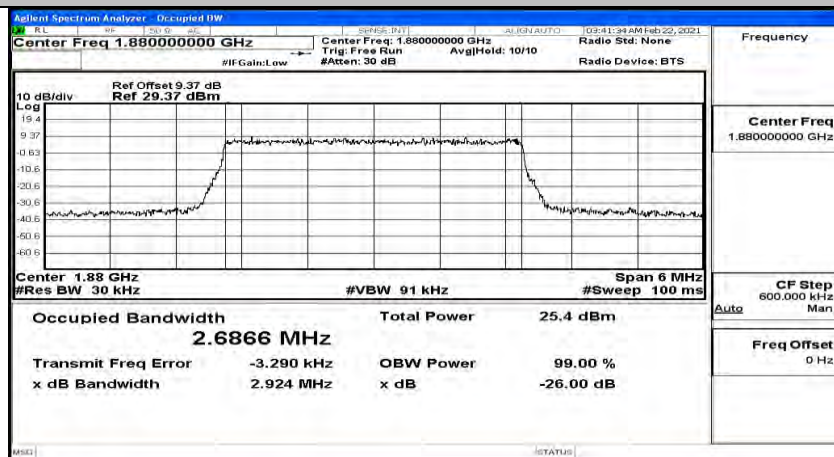
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



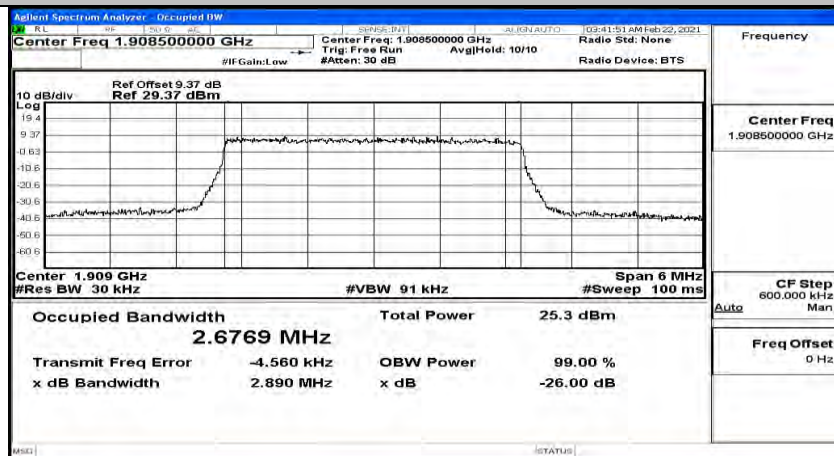
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



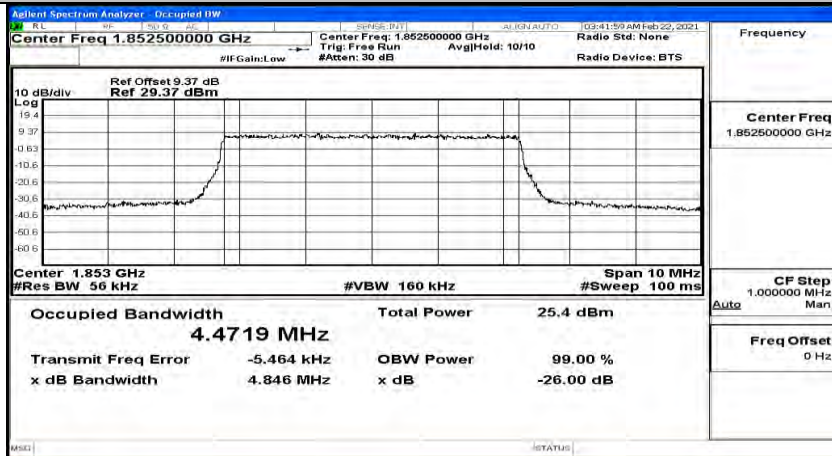
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_MCH_16QAM



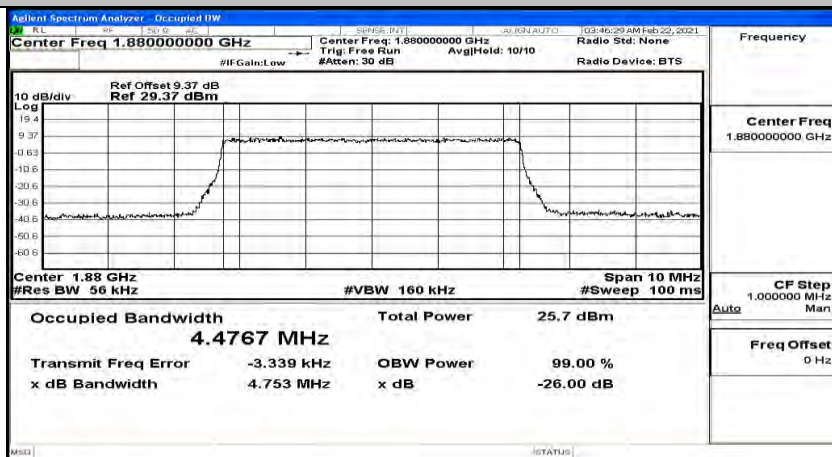
EBW & OBW Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



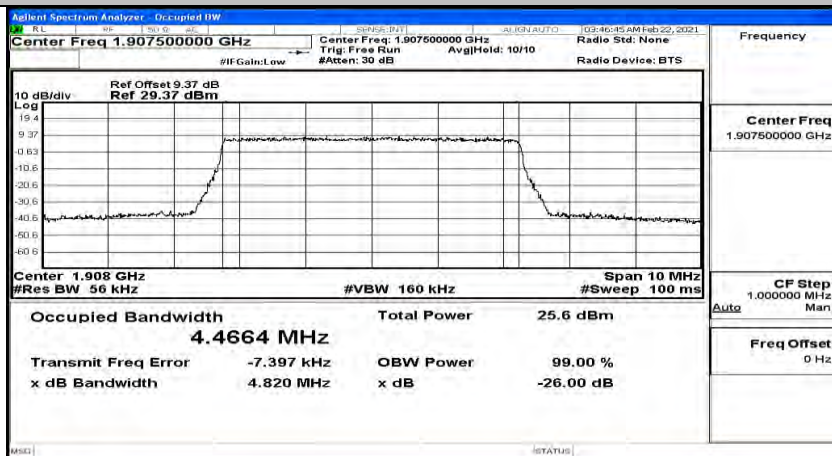
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



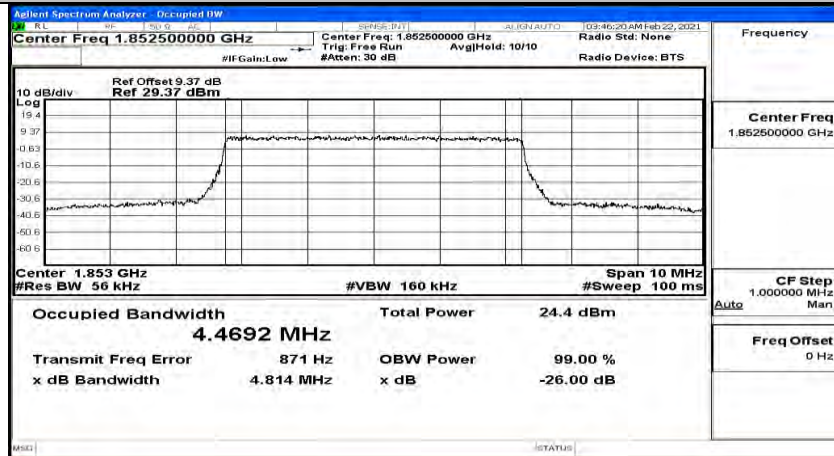
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_QPSK



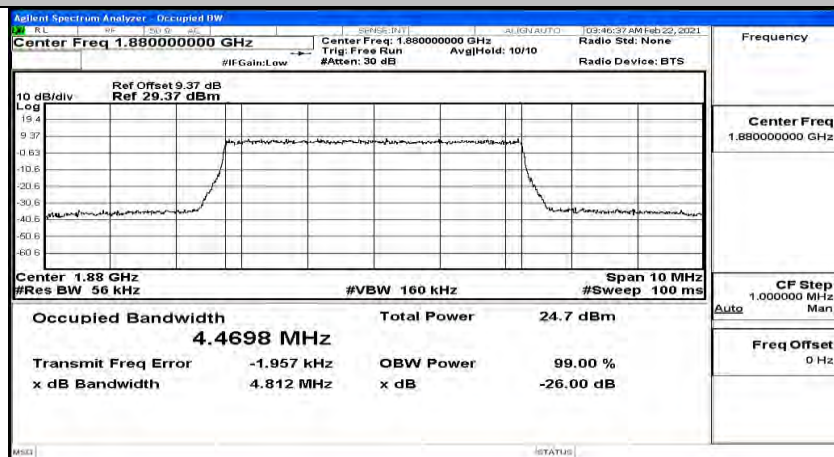
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



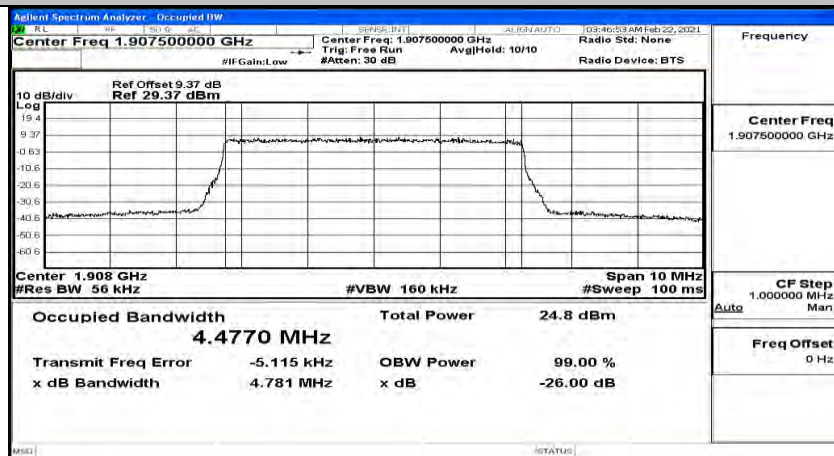
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



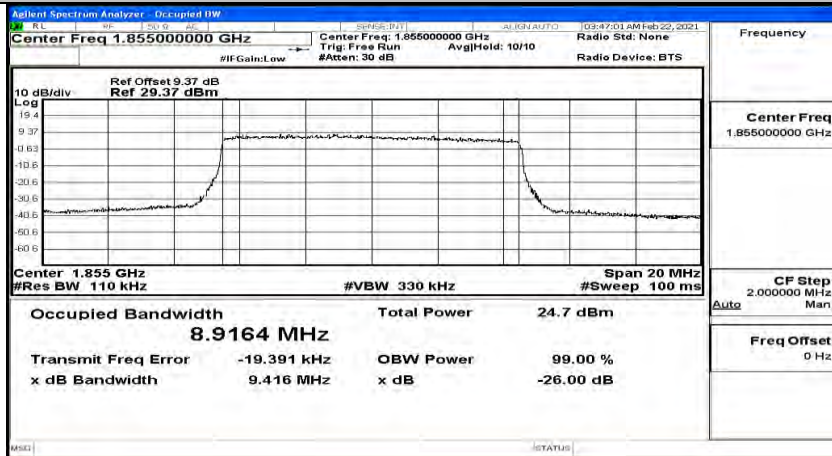
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_MCH_16QAM



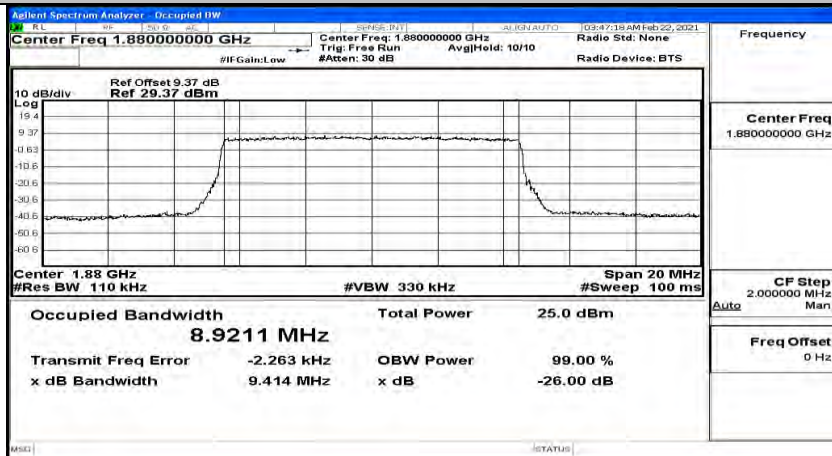
EBW & OBW Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



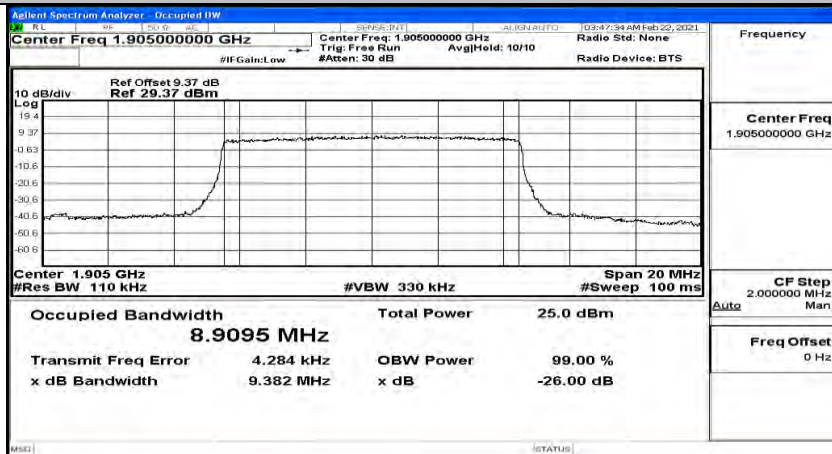
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



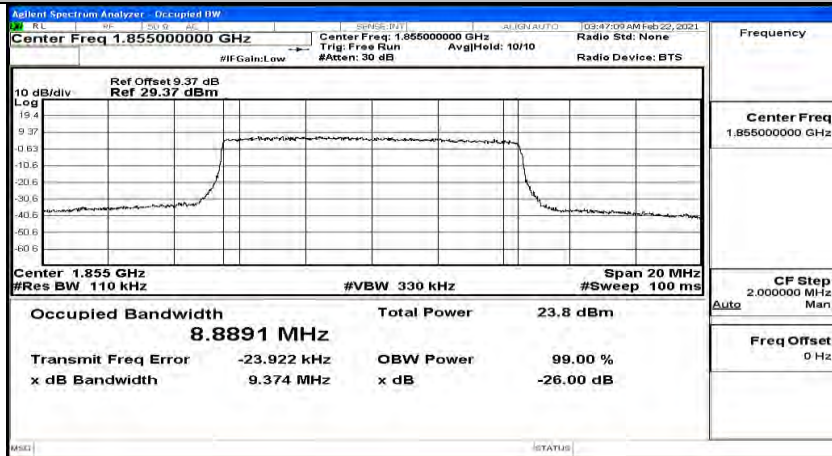
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_QPSK



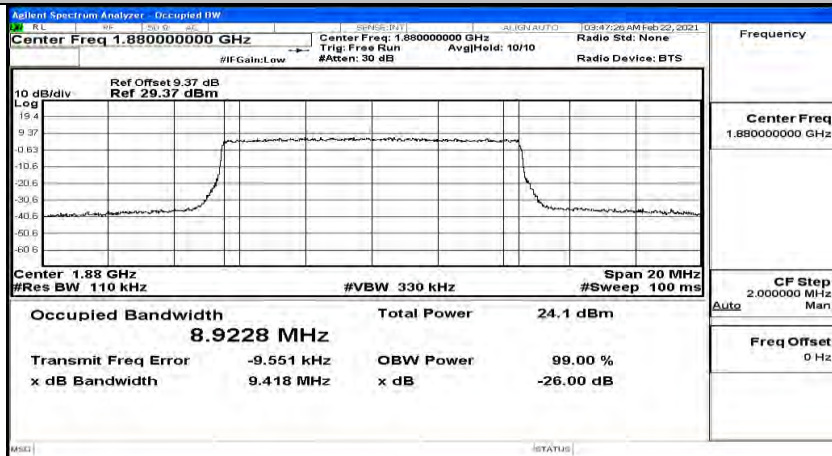
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



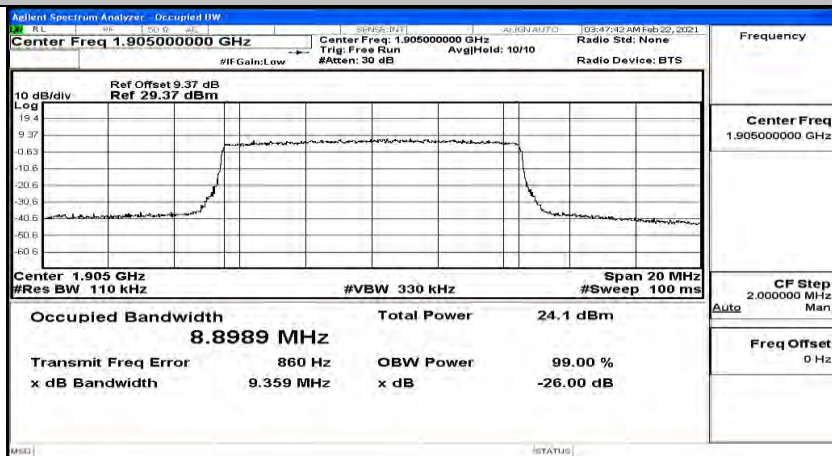
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_16QAM



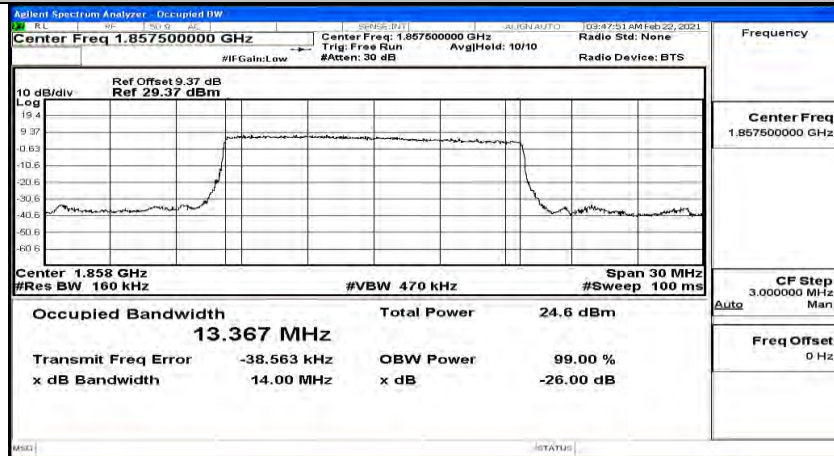
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_MCH_16QAM



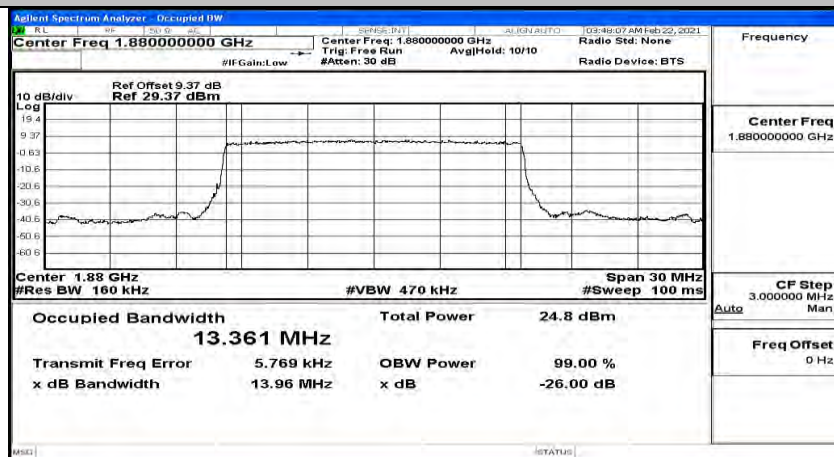
EBW & OBW Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



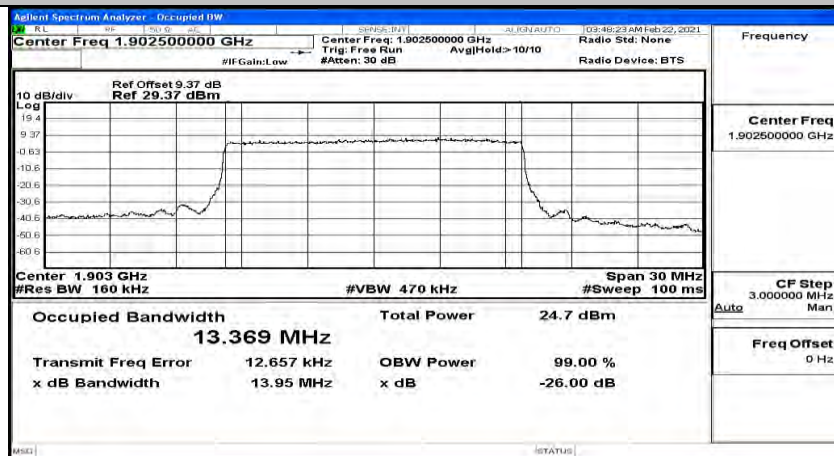
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



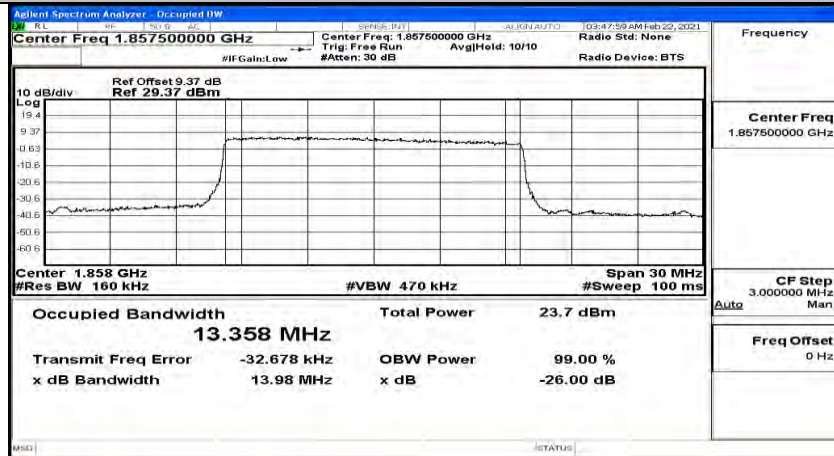
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_QPSK



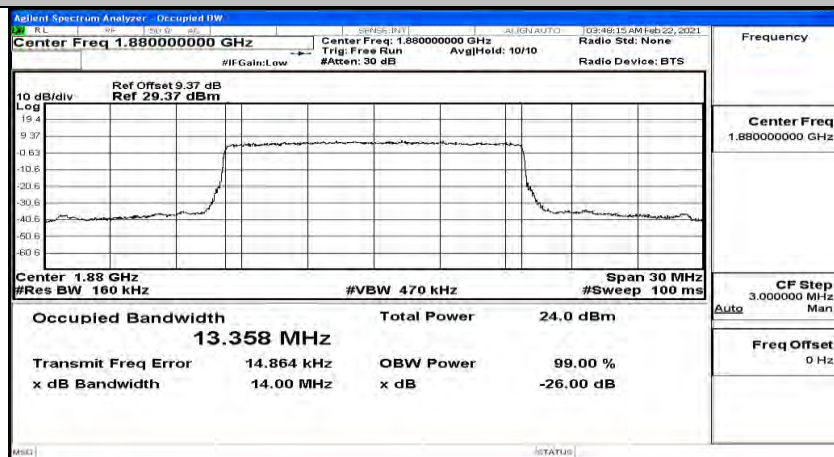
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



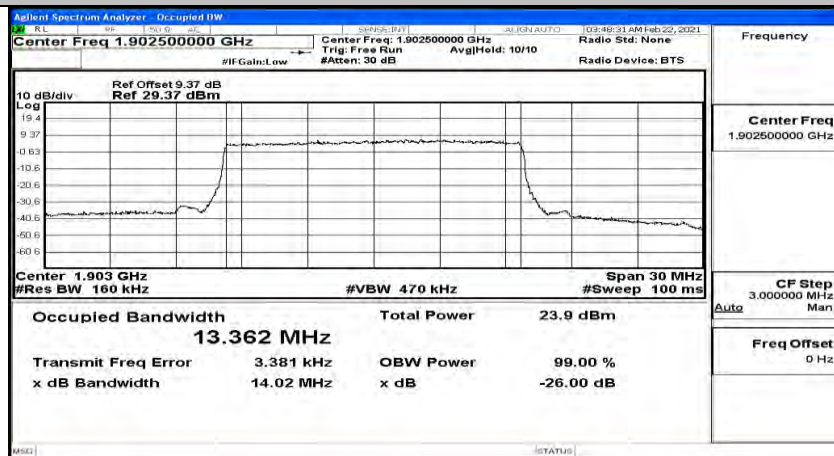
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



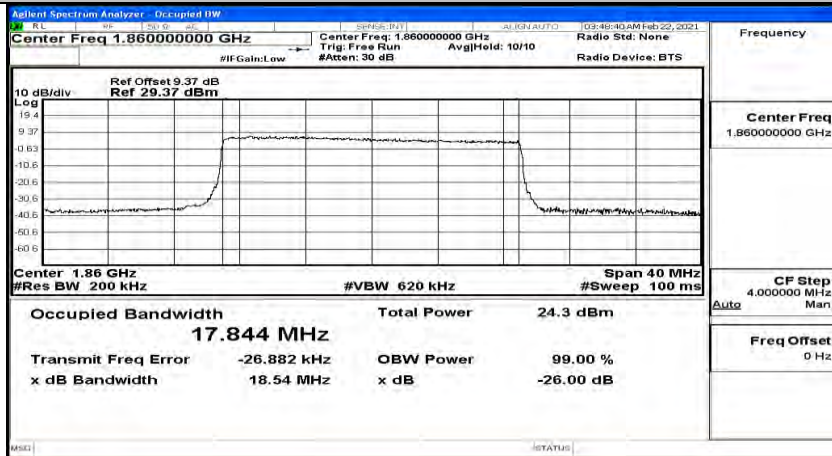
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_MCH_16QAM



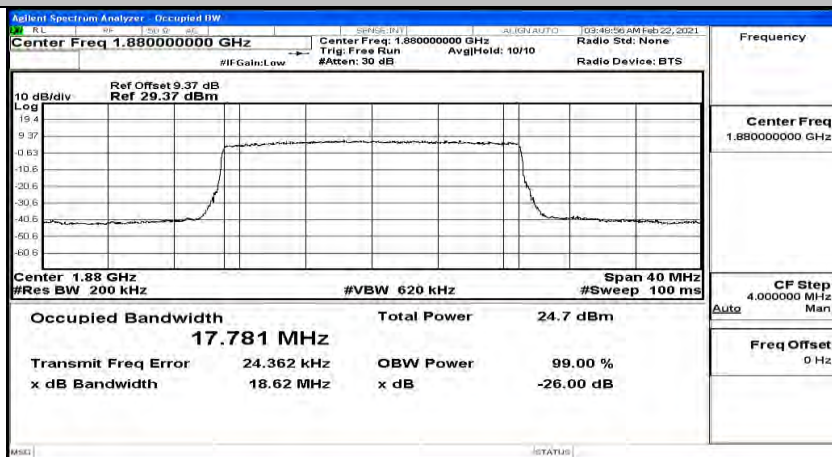
EBW & OBW Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



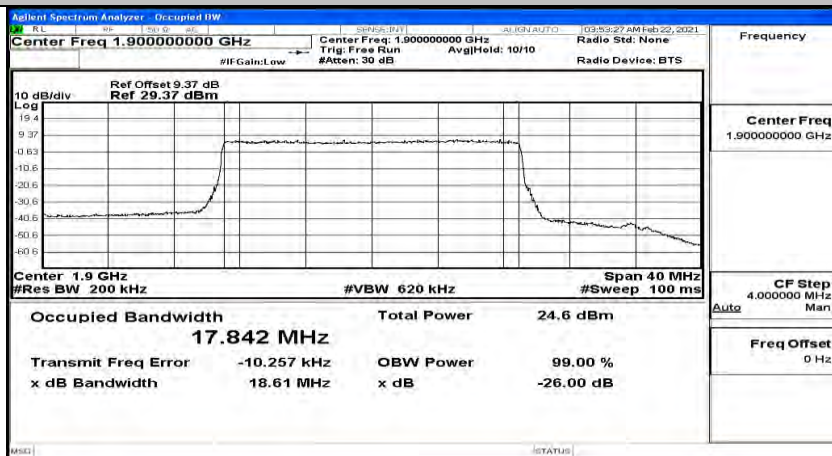
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



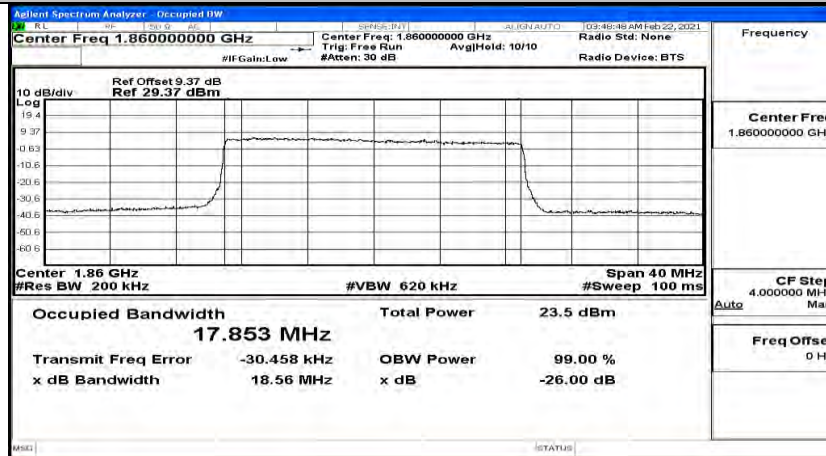
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_MCH_QPSK



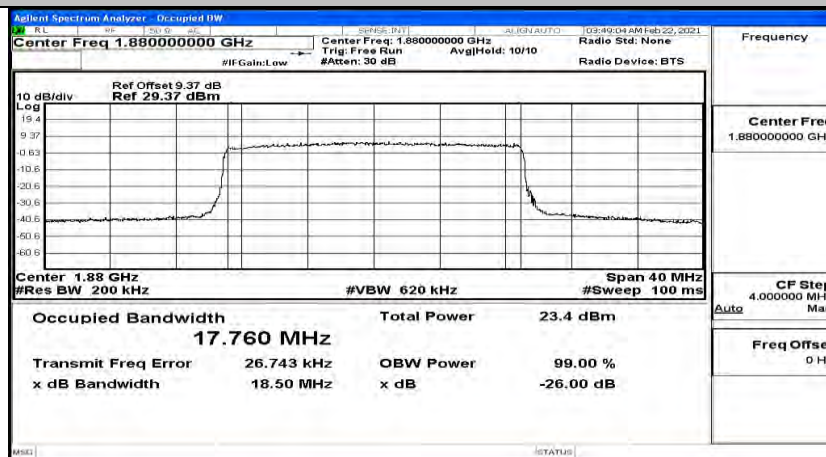
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



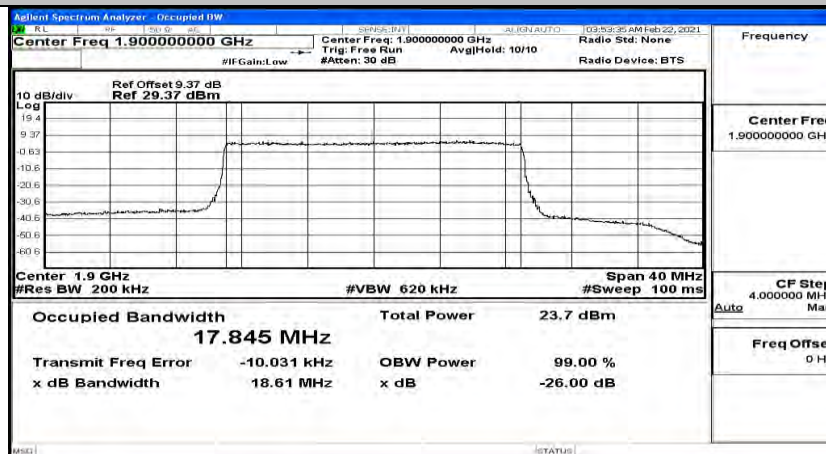
EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_16QAM



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

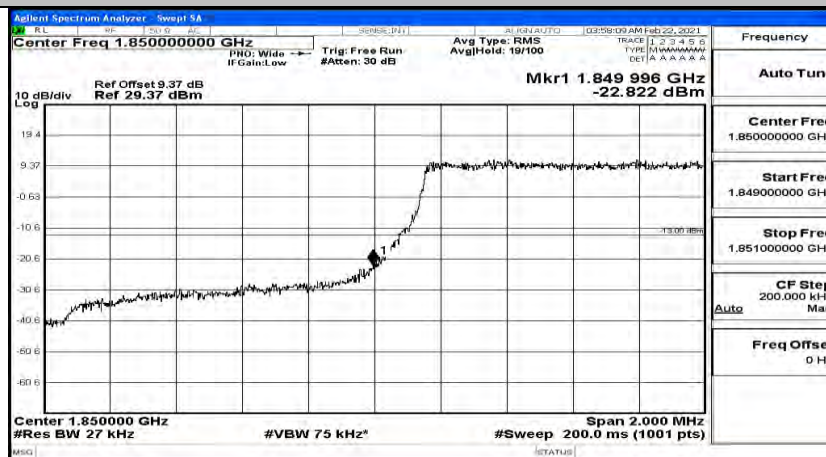


EBW & OBW Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM

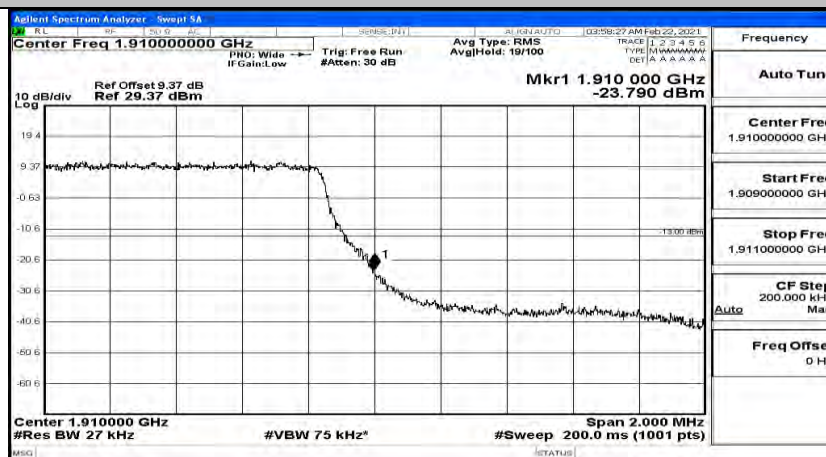


D.4 Band Edge

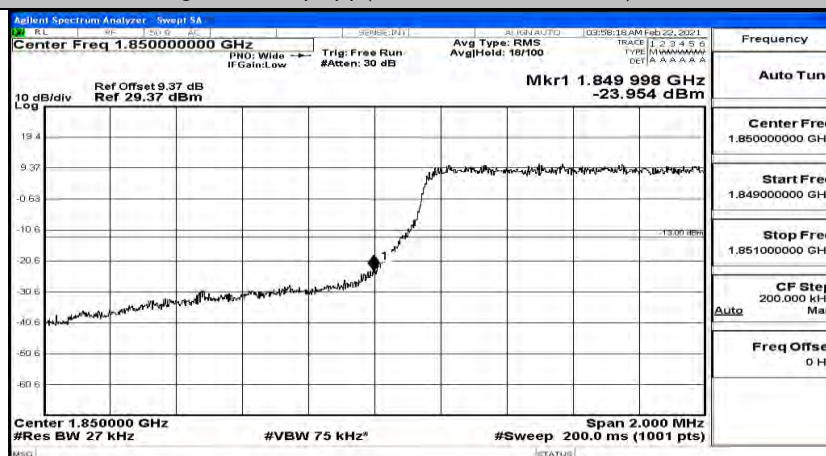
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_QPSK



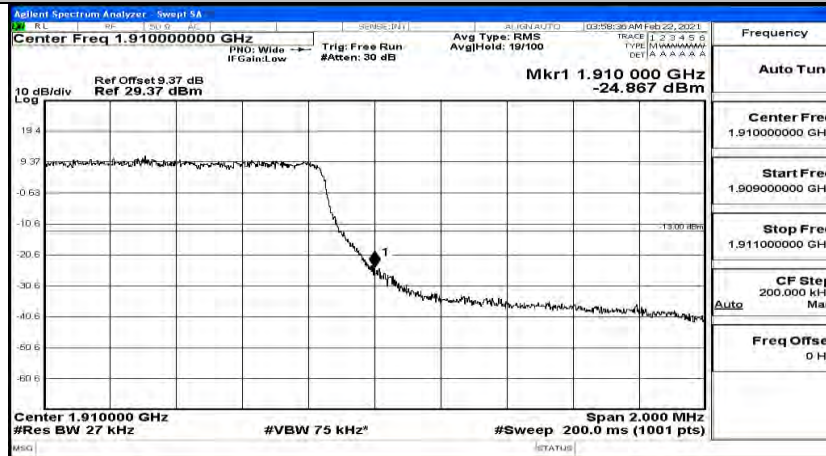
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_QPSK



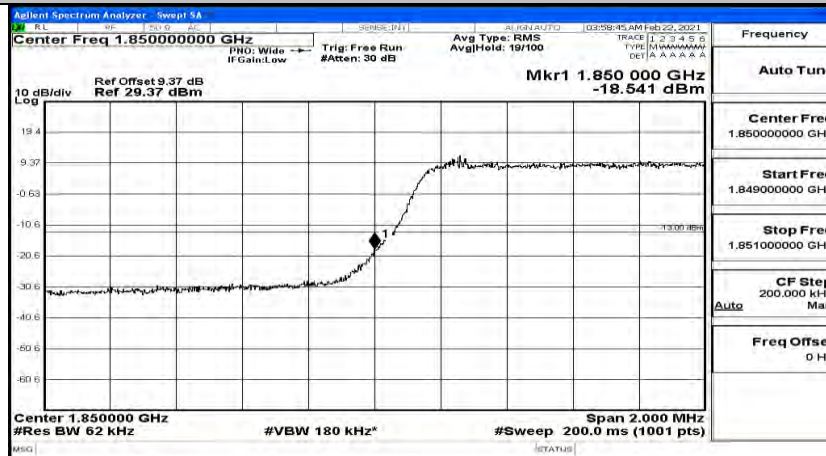
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_LCH_16QAM



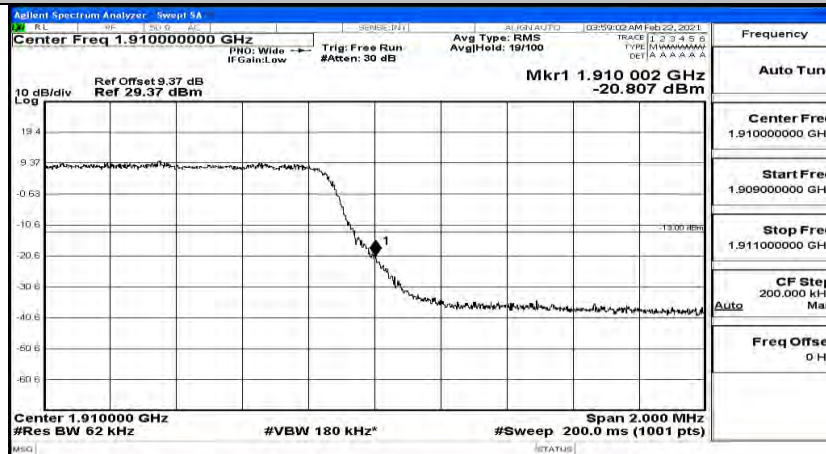
Band Edge Test Graph(s) (Channel Bandwidth: 1.4 MHz)_HCH_16QAM



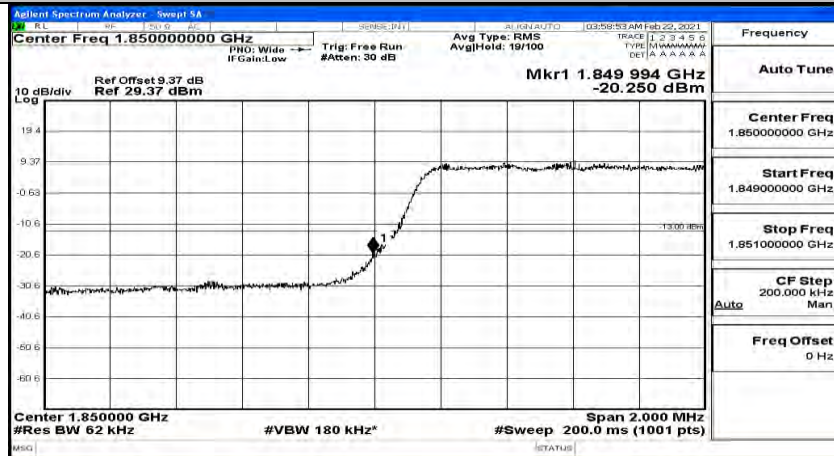
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_QPSK



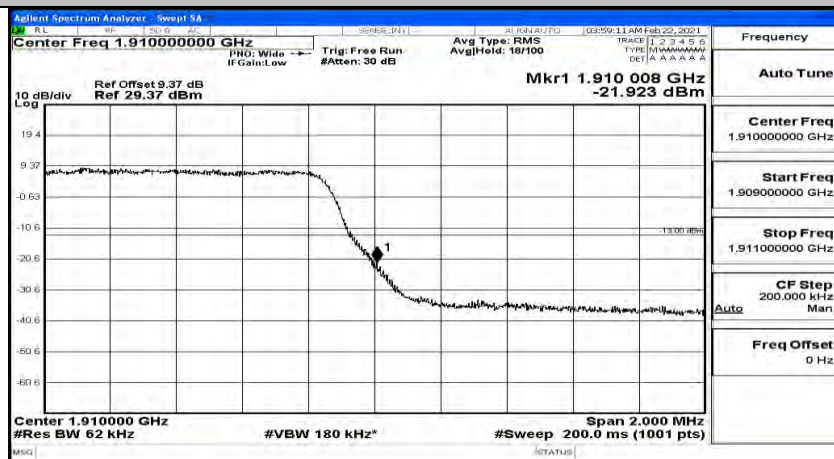
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_QPSK



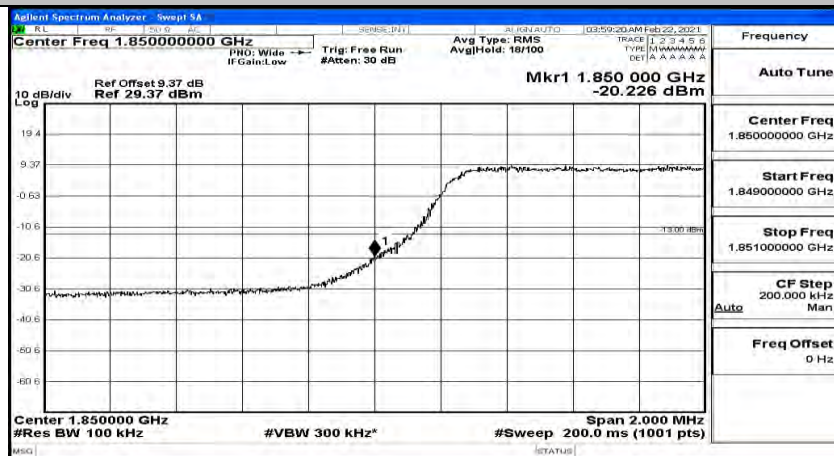
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_LCH_16QAM



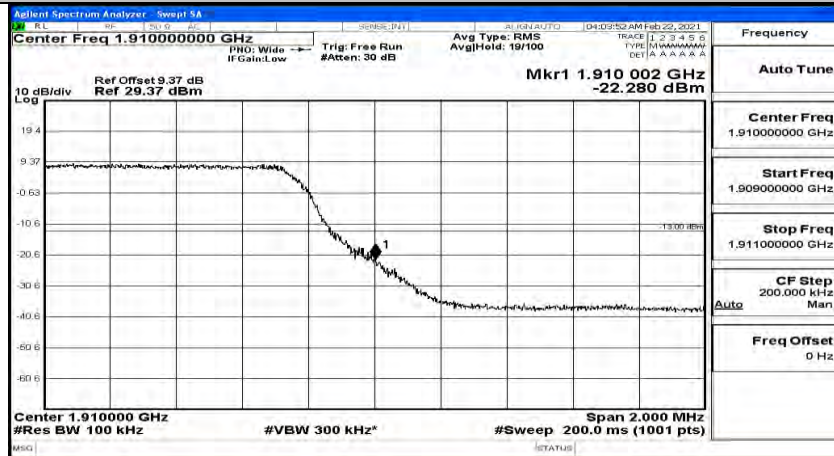
Band Edge Test Graph(s) (Channel Bandwidth: 3 MHz)_HCH_16QAM



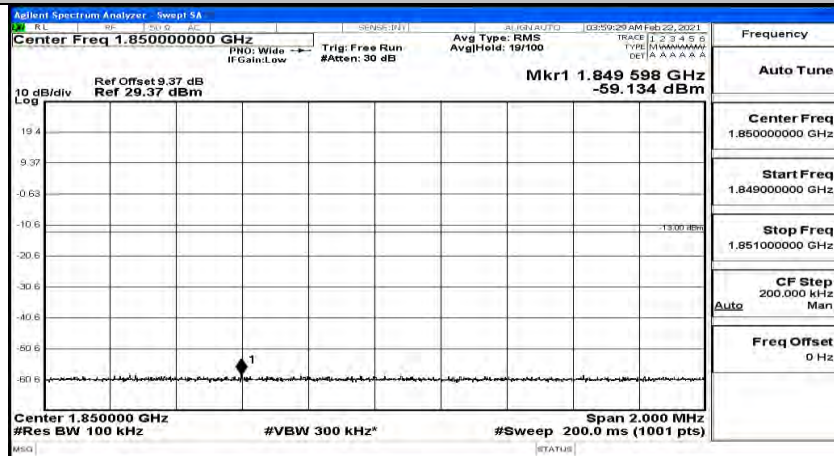
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_QPSK



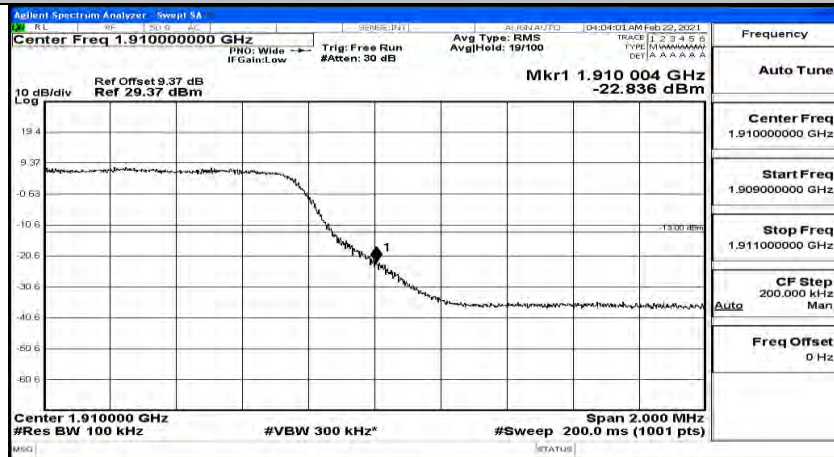
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_QPSK



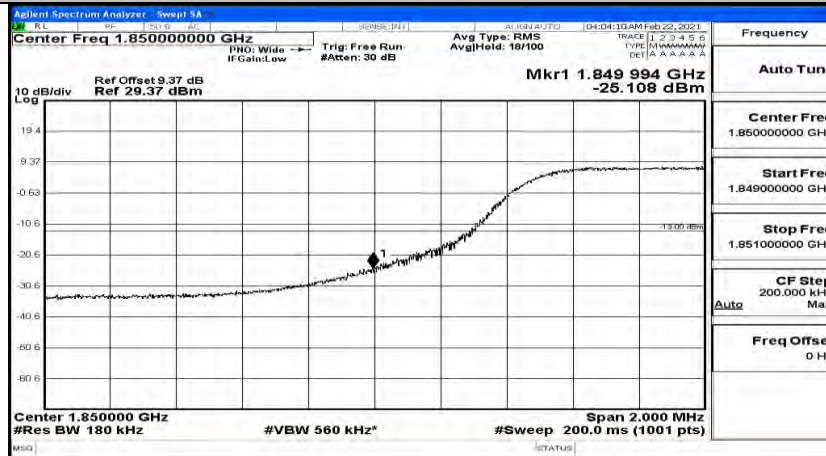
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_LCH_16QAM



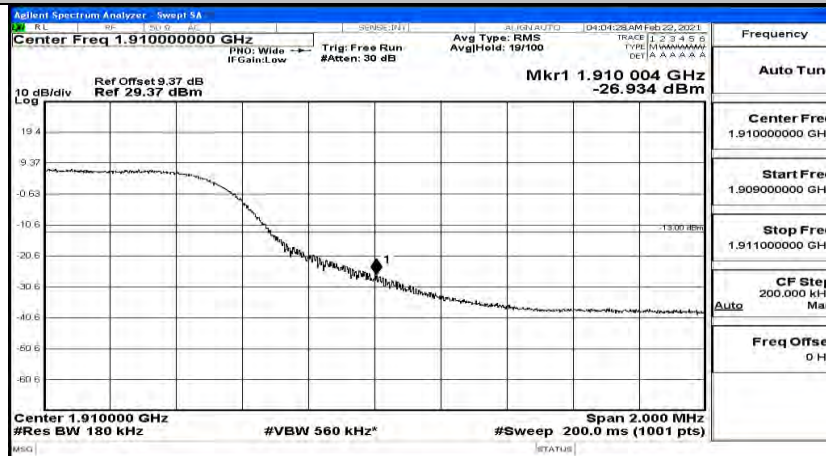
Band Edge Test Graph(s) (Channel Bandwidth: 5 MHz)_HCH_16QAM



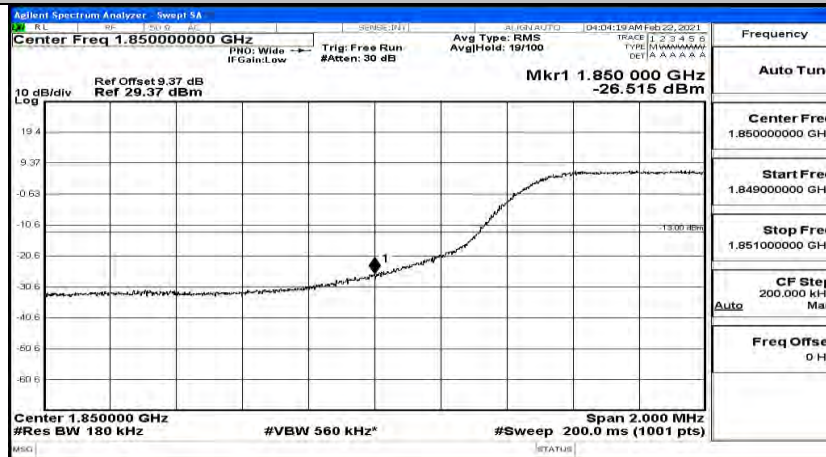
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_LCH_QPSK



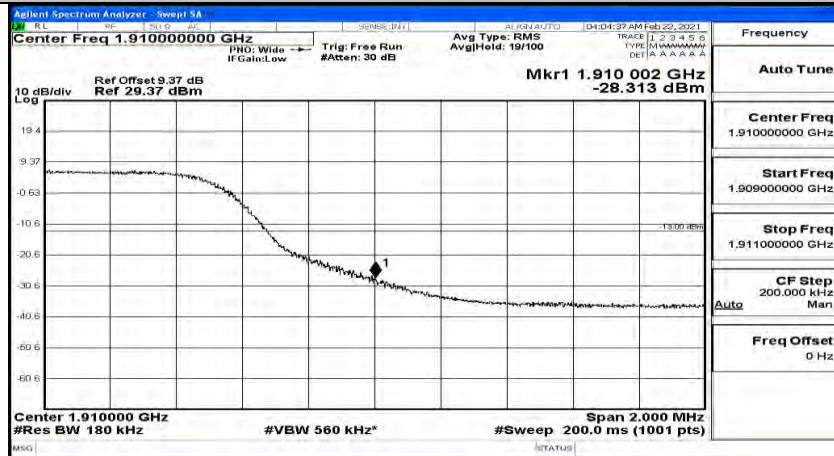
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_QPSK



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



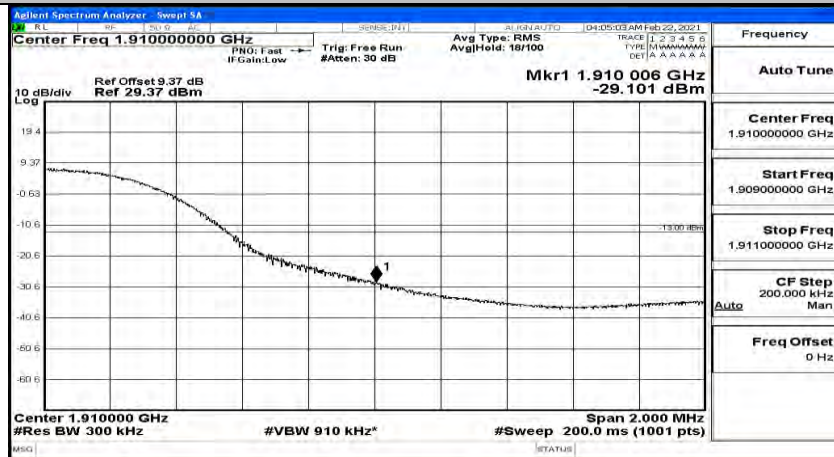
Band Edge Test Graph(s) (Channel Bandwidth: 10 MHz)_HCH_16QAM



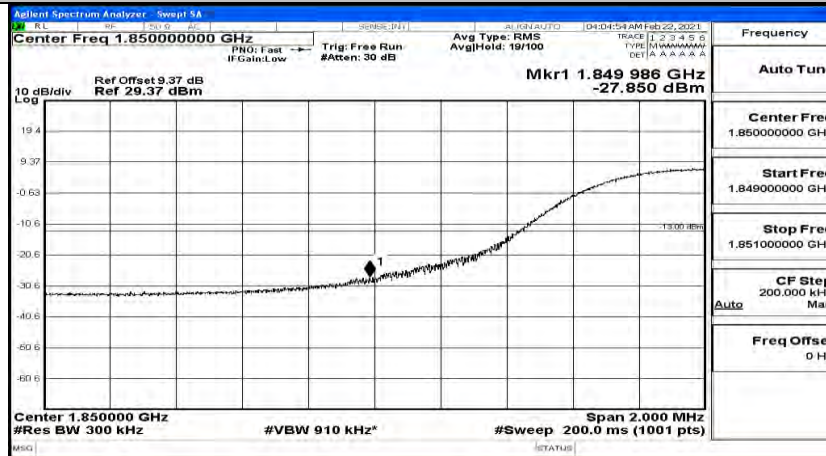
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_QPSK



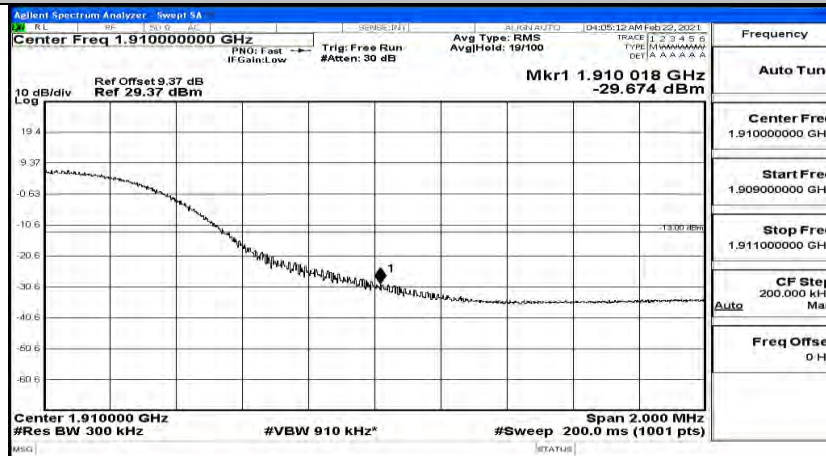
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_QPSK



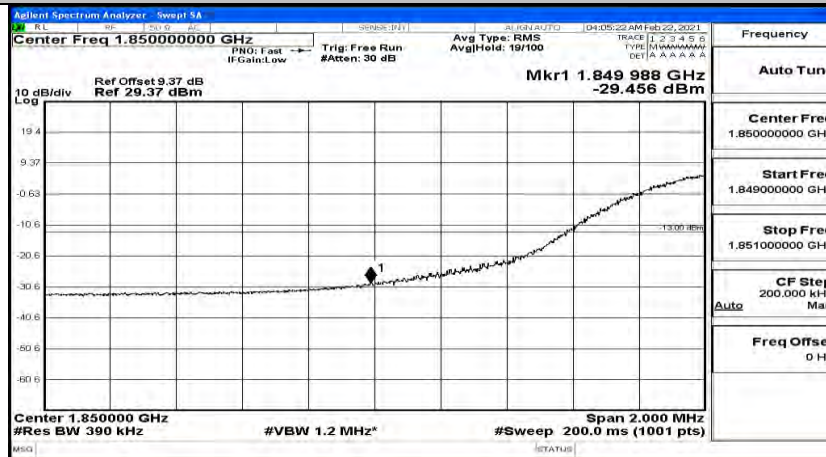
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_LCH_16QAM



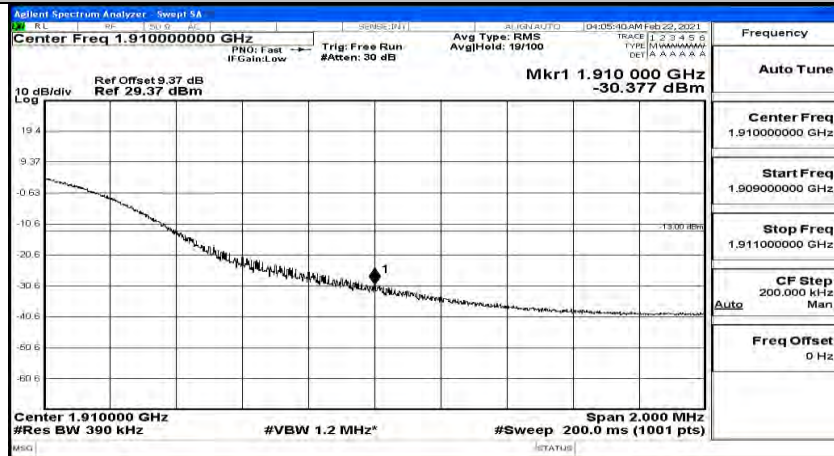
Band Edge Test Graph(s) (Channel Bandwidth:15 MHz)_HCH_16QAM



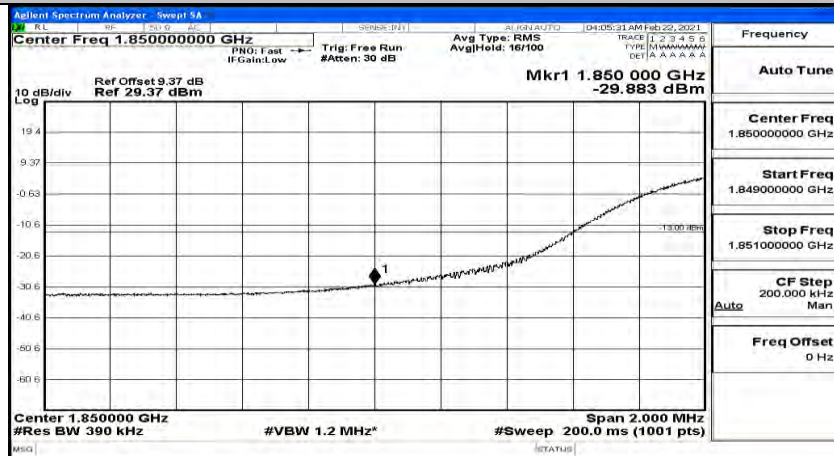
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_LCH_QPSK



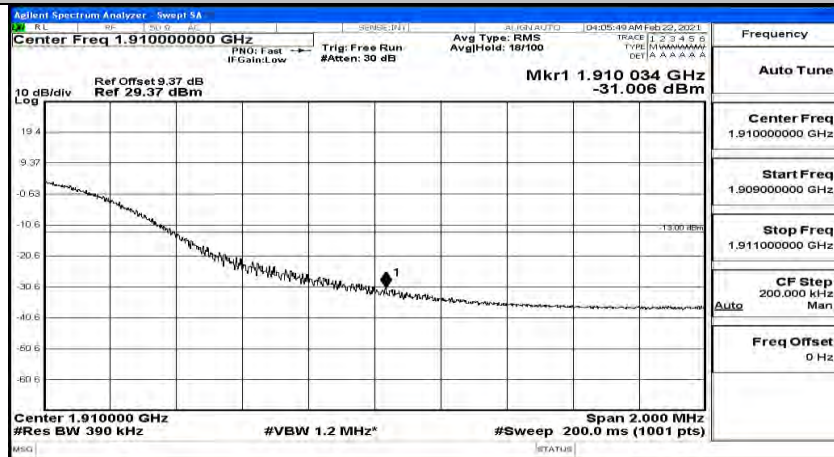
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_QPSK



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



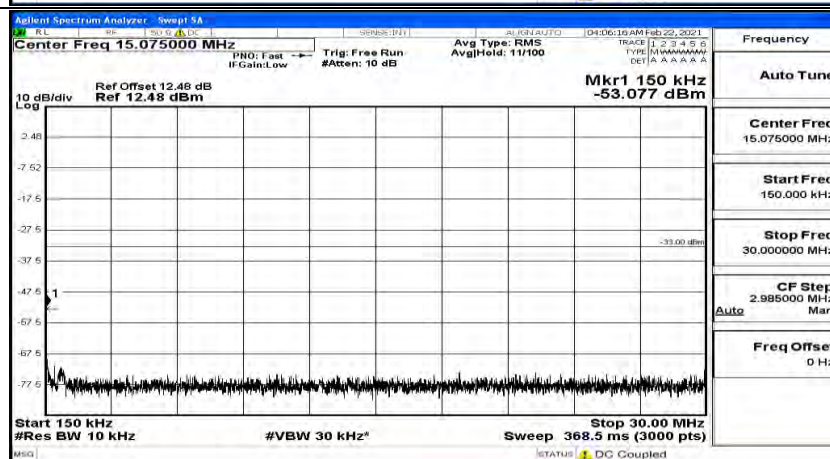
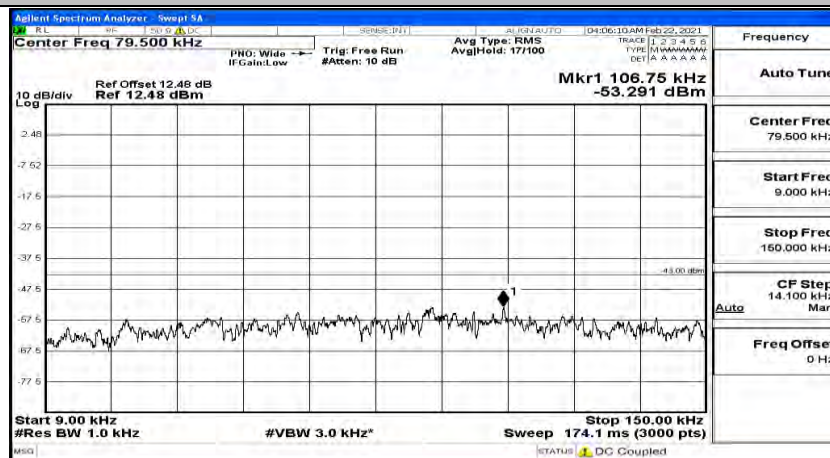
Band Edge Test Graph(s) (Channel Bandwidth:20 MHz)_HCH_16QAM



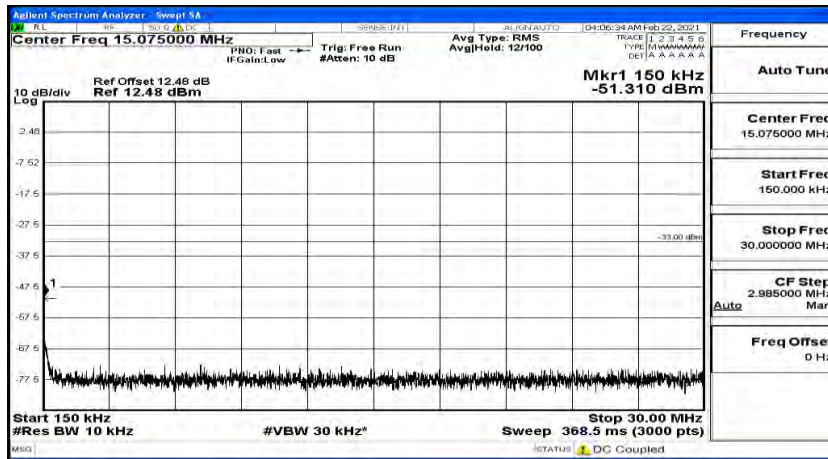
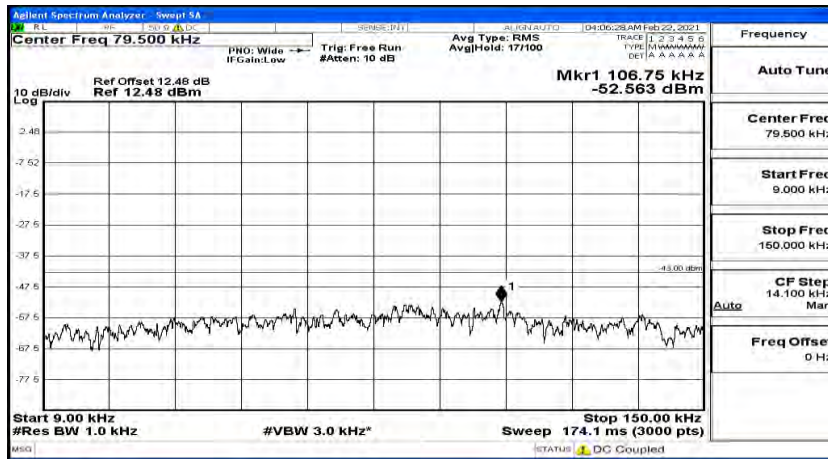
D.5 Conducted Spurious Emission

Channel Bandwidth: 1.4 MHz

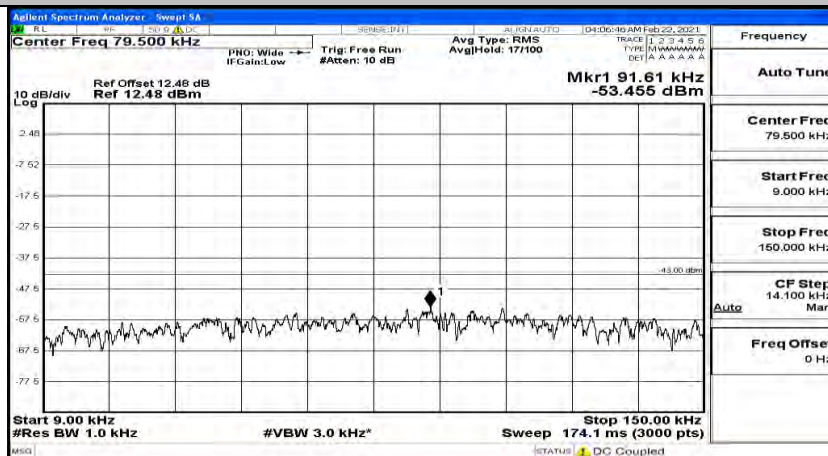
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#0

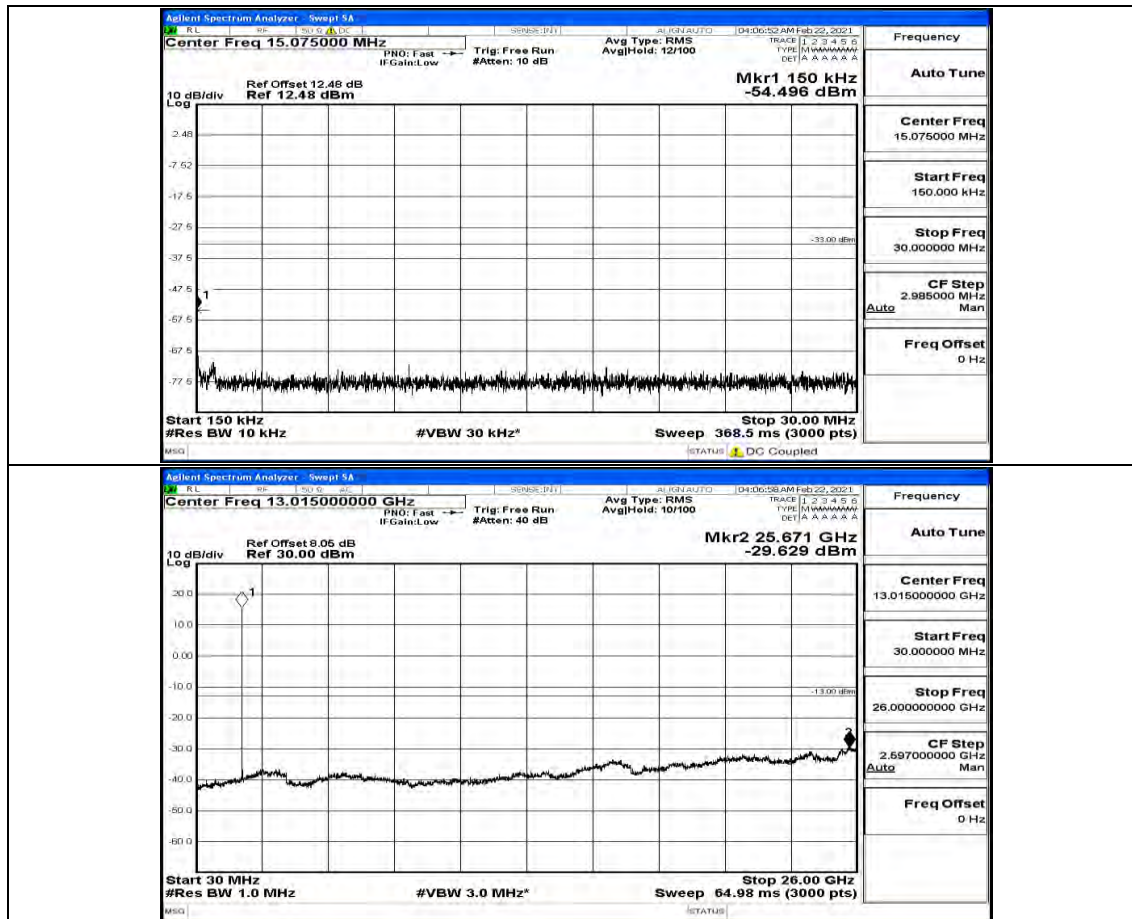


(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#3

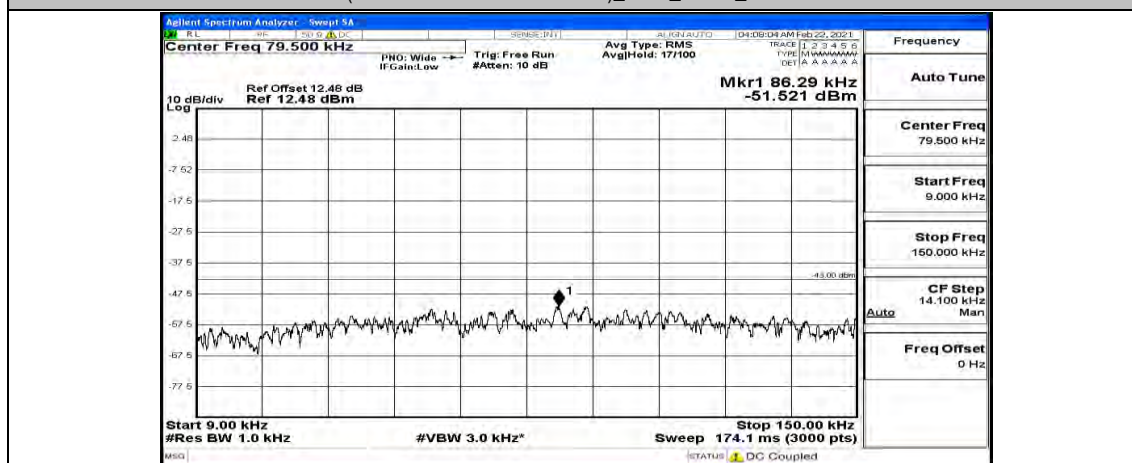


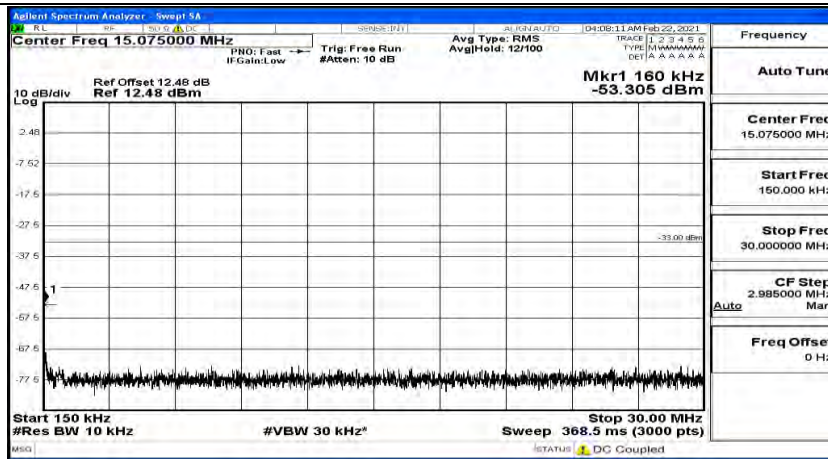
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_1RB#5



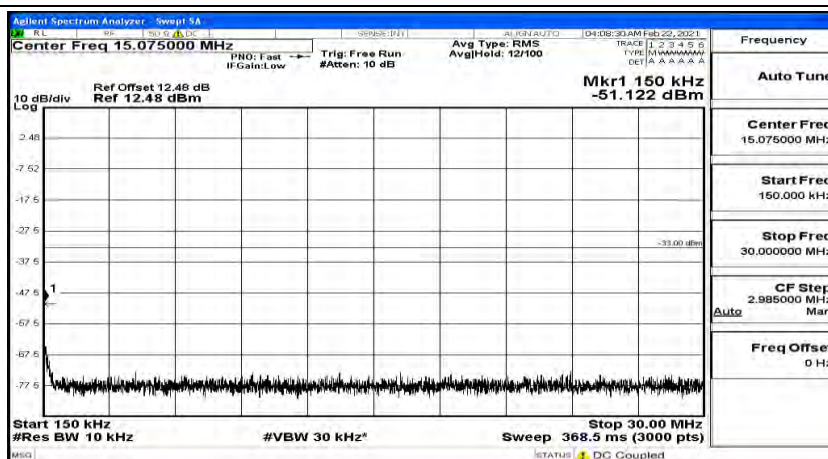
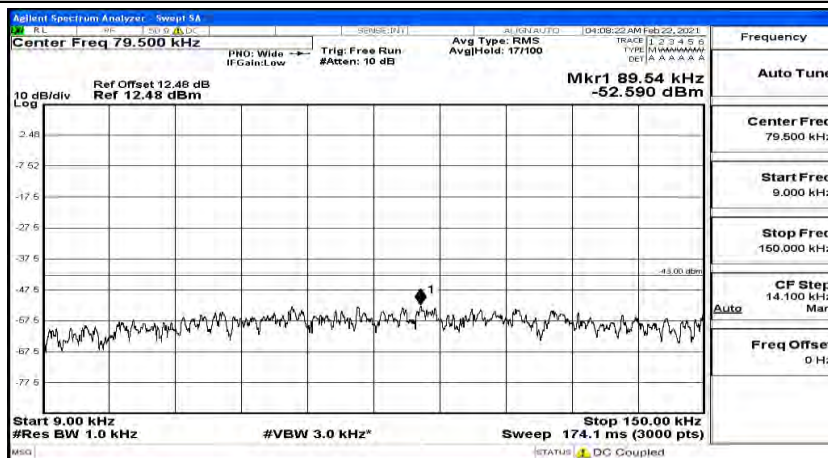


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#0



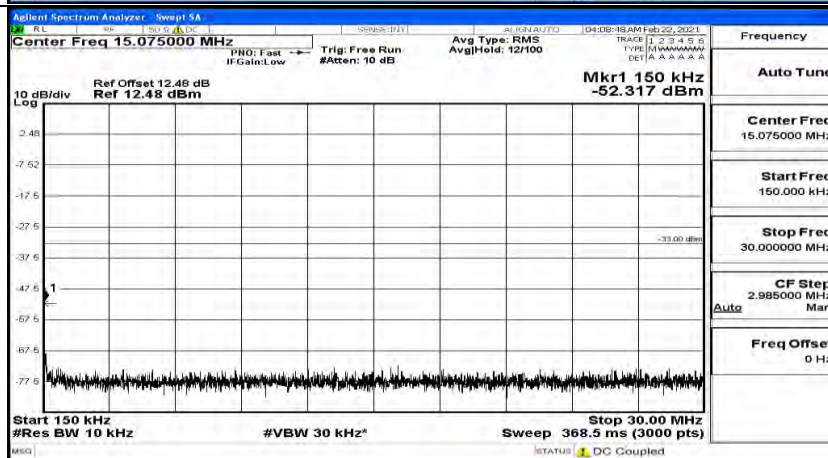
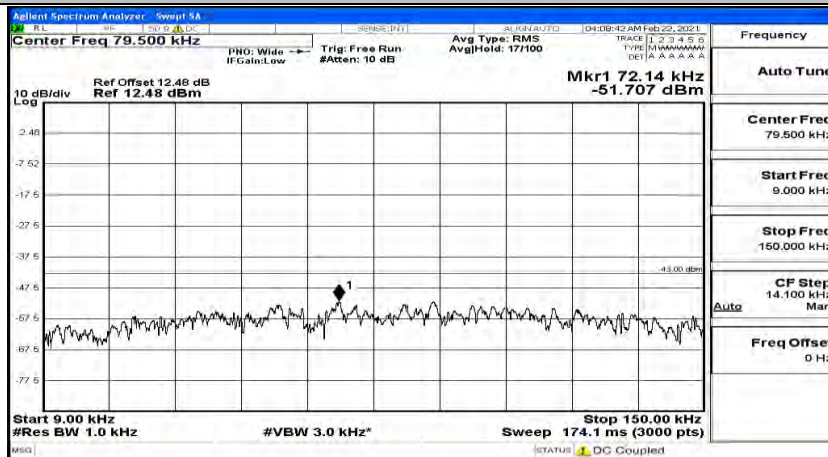


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#3

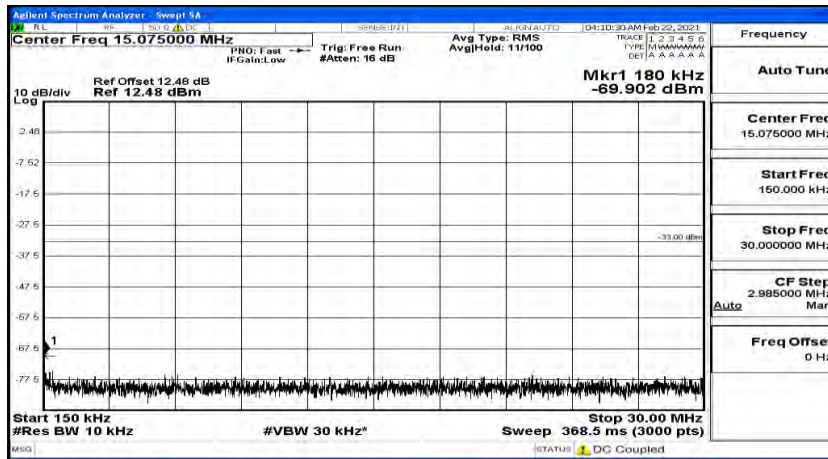
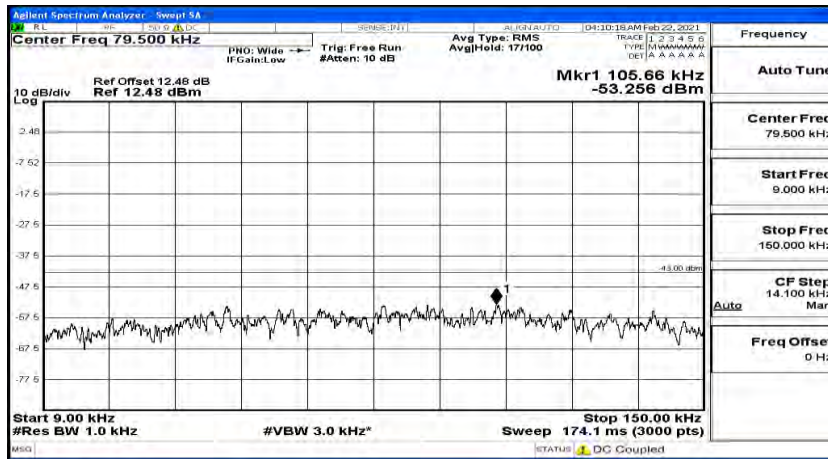




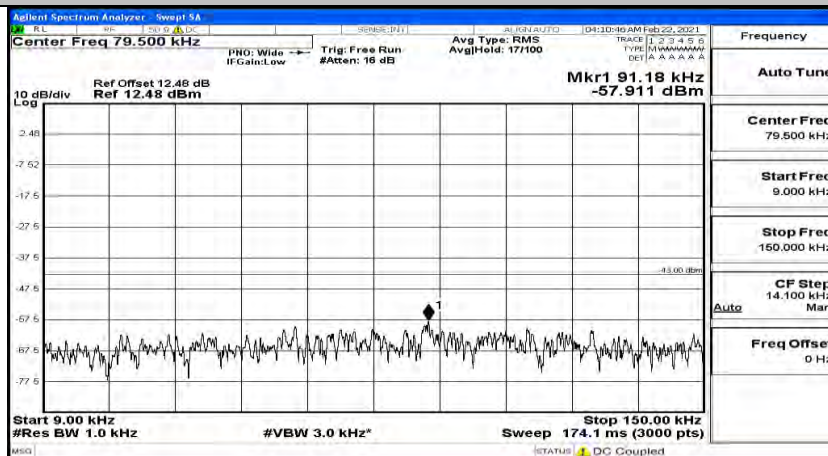
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_1RB#5

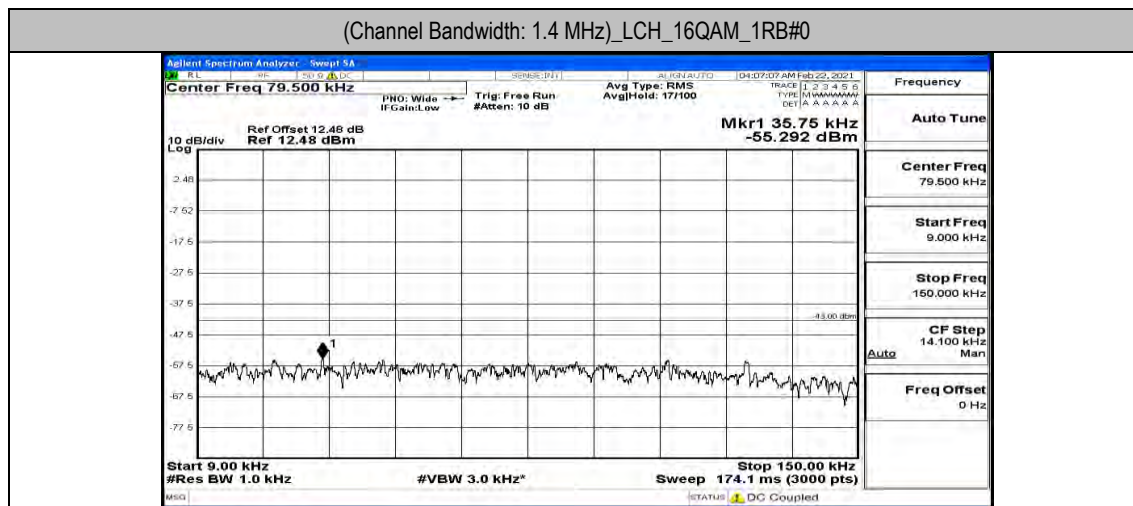


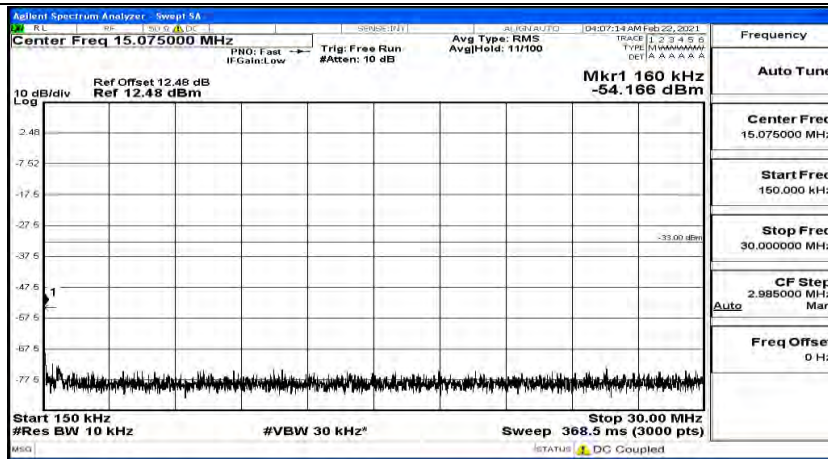




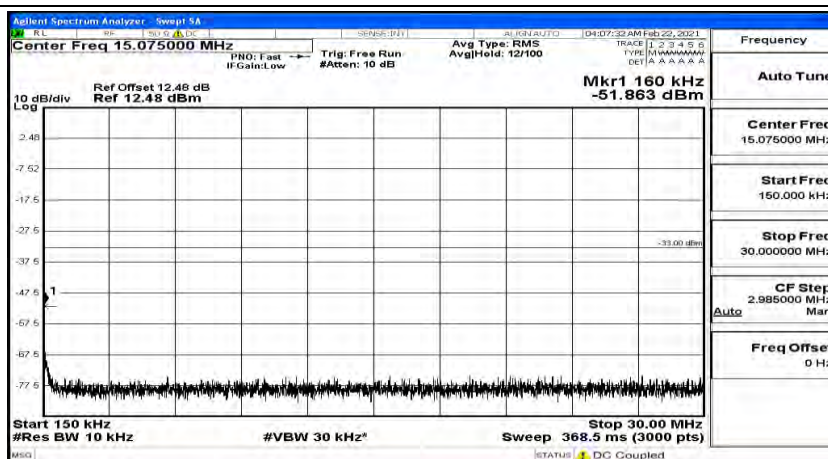
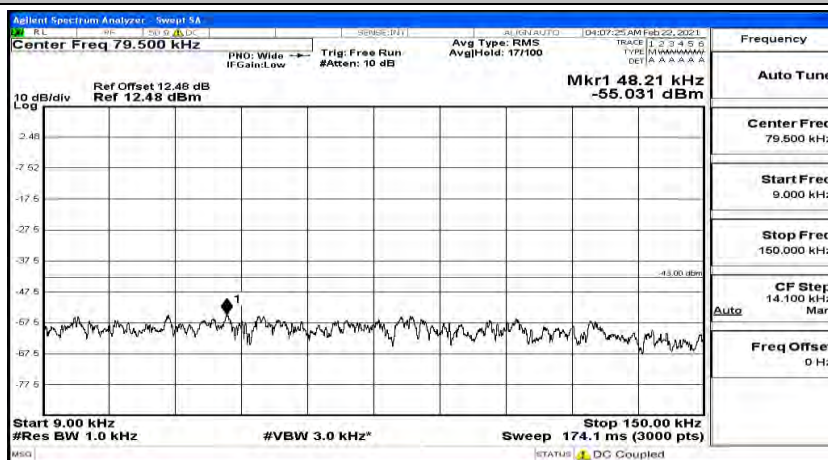
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_1RB#5





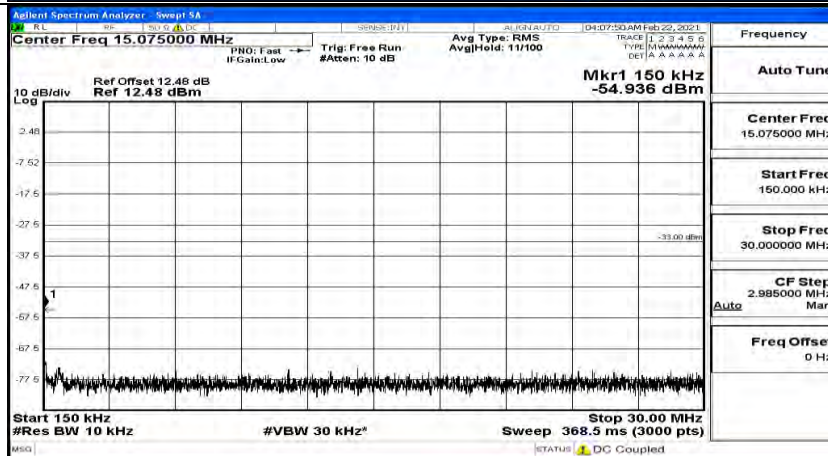
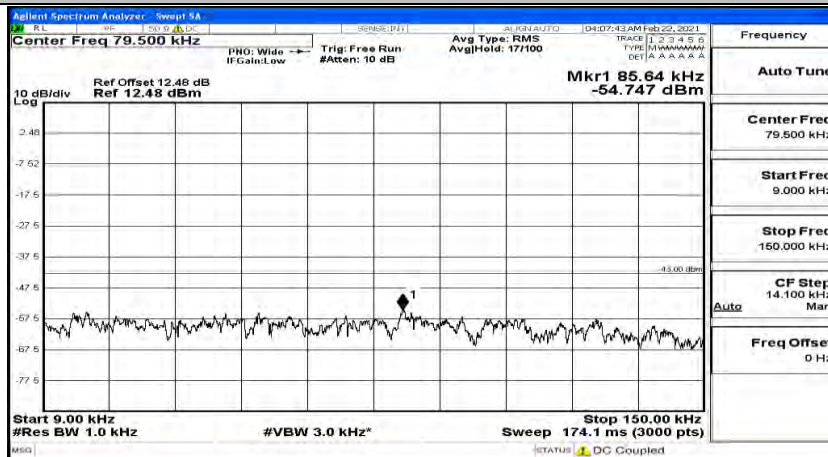


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_1RB#3





(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_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 51.83 kHz
-51.532 dBm

Frequency

Auto Tune

Center Freq 79.500 kHz

Start Freq 9.000 kHz

Stop Freq 150.000 kHz

CF Step 14.100 kHz
Manual

Auto

Freq Offset 0 Hz

Traces: 1 2 3 4 5 6
Type: NORMAL
Det: AAAAAA

Waveform: [Spectrum]

Mode: [Spectrum]

Resolution: [Spectrum]

Bandwidth: [Spectrum]

Frequency: [Spectrum]

Amplitude: [Spectrum]

Power: [Spectrum]

Phase: [Spectrum]

Time: [Spectrum]

Marker: [Spectrum]

Cursor: [Spectrum]

Grid: [Spectrum]

Scale: [Spectrum]

Units: [Spectrum]

Labels: [Spectrum]

Annotations: [Spectrum]

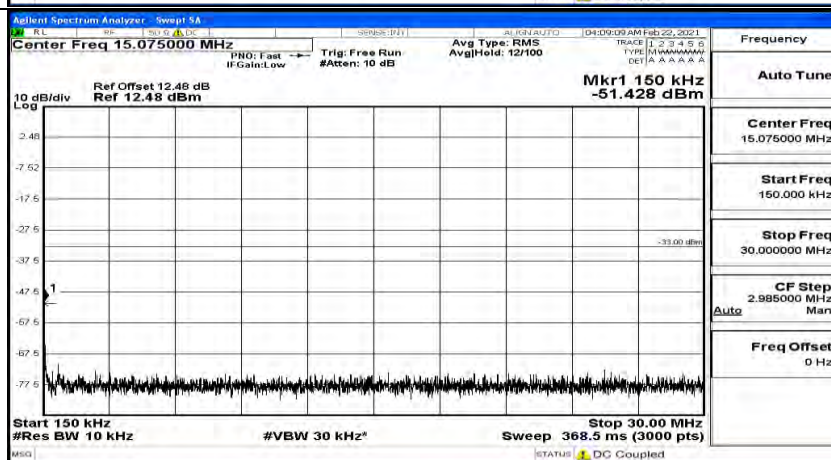
Comments: [Spectrum]

Help: [Spectrum]

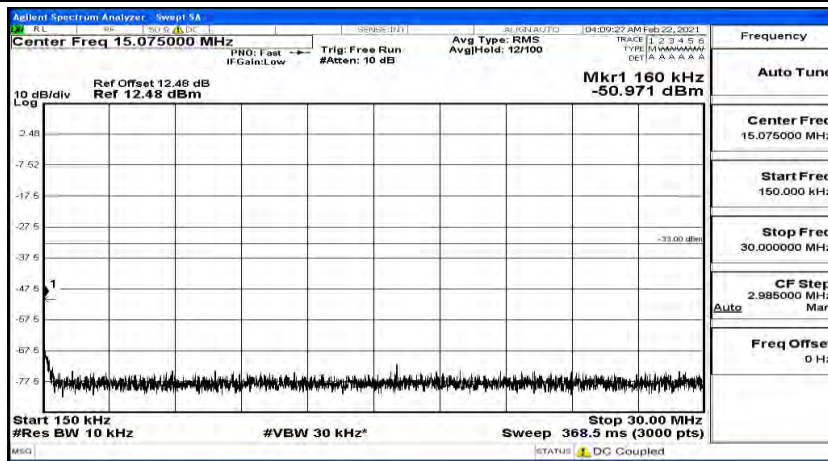
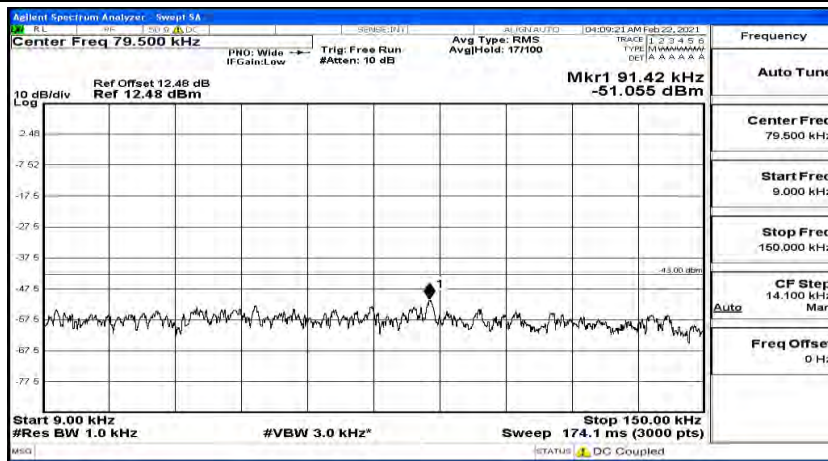
Save: [Spectrum]

Print: [Spectrum]

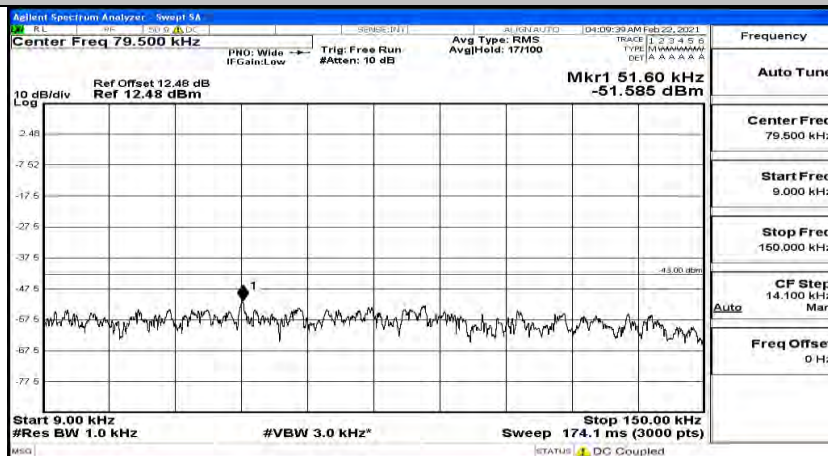
Exit: [Spectrum]

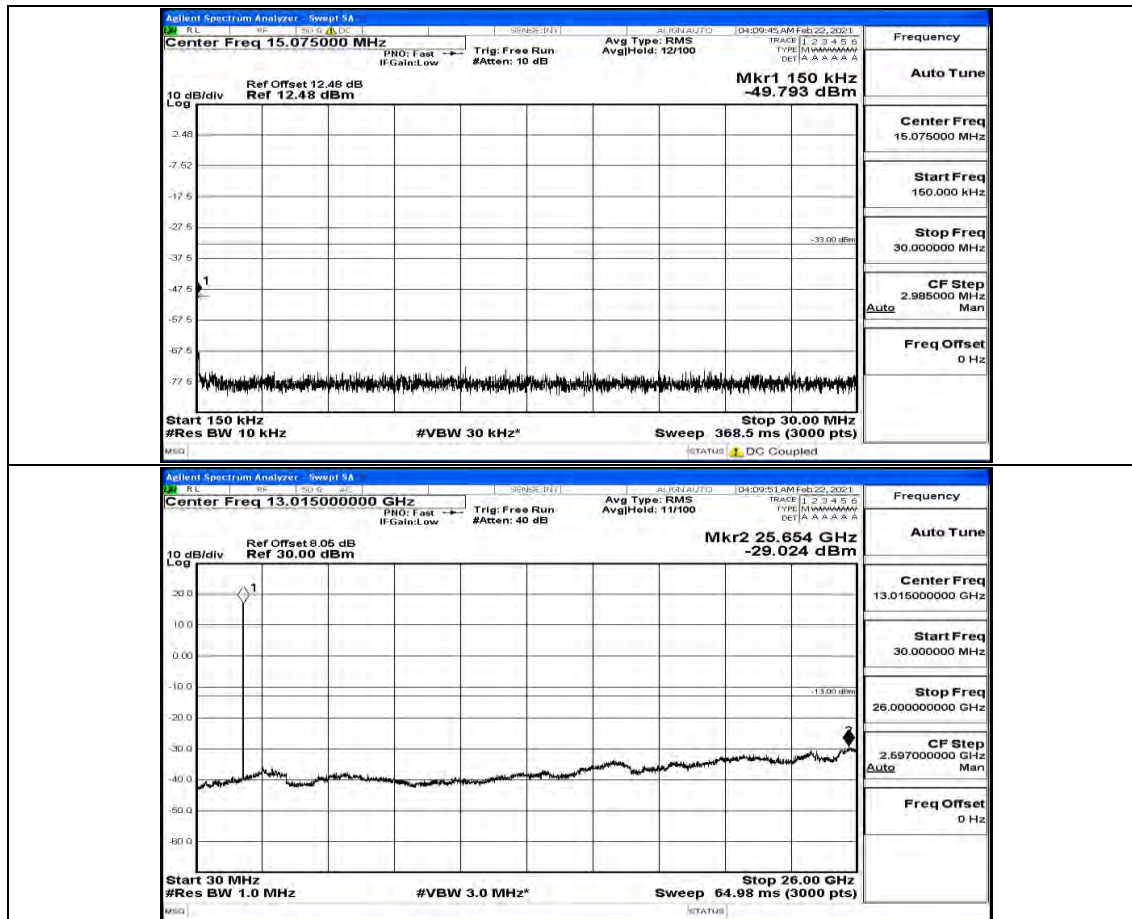


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#3

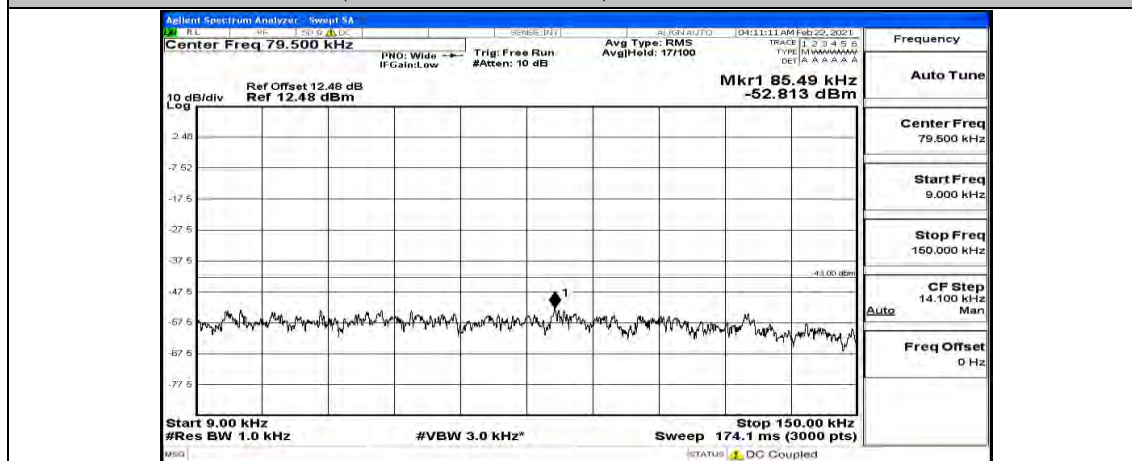


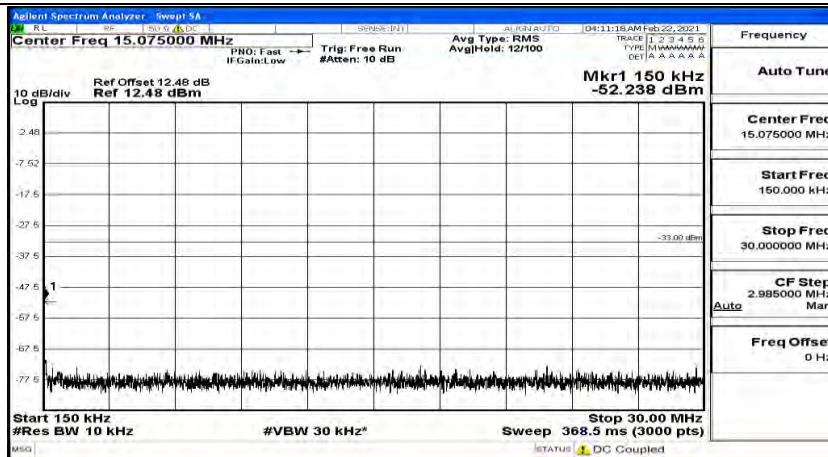
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_1RB#5



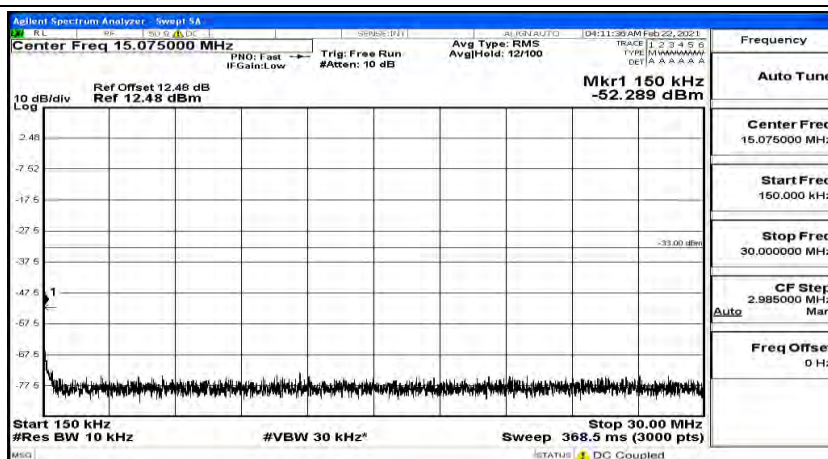
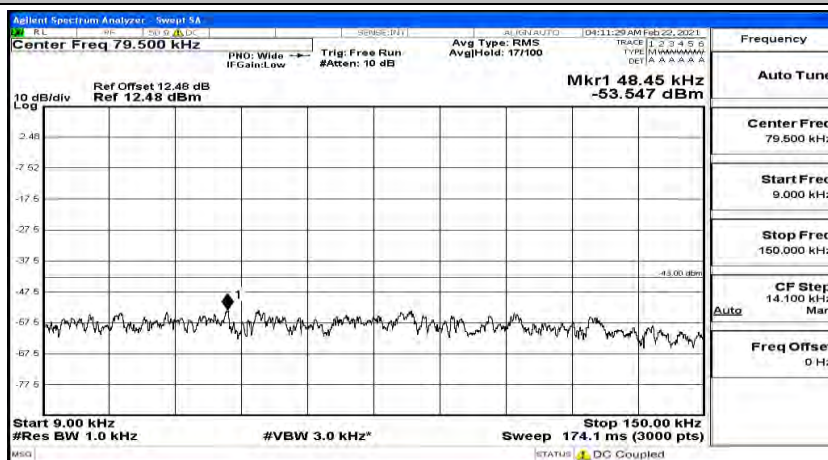


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#0



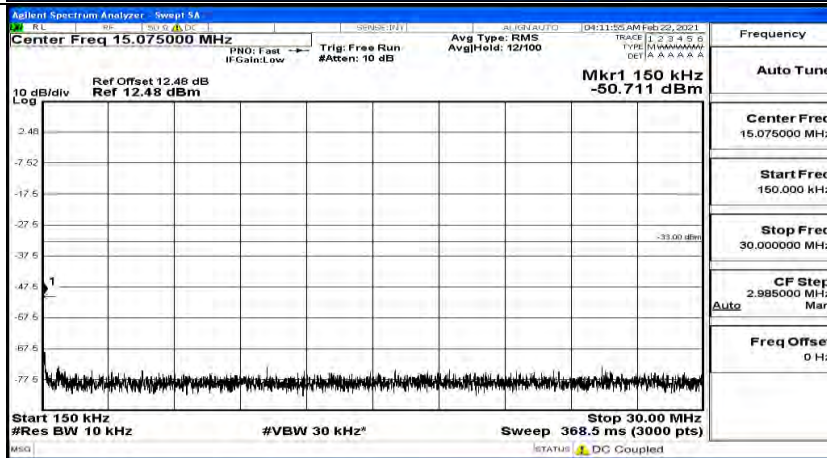


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#3



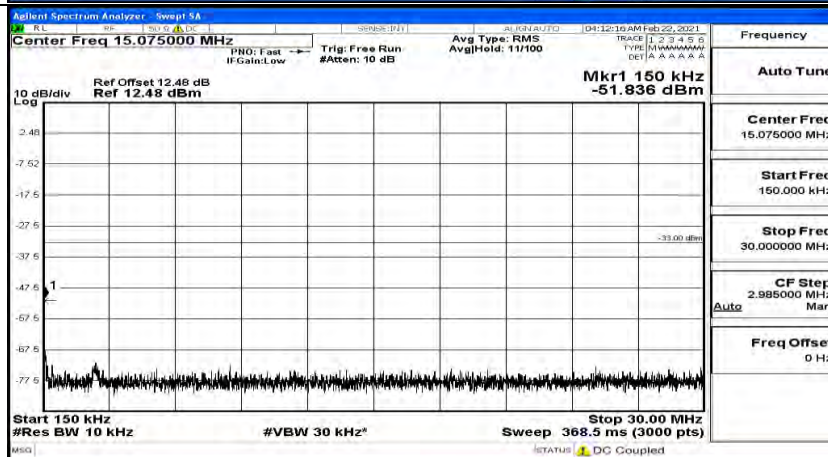
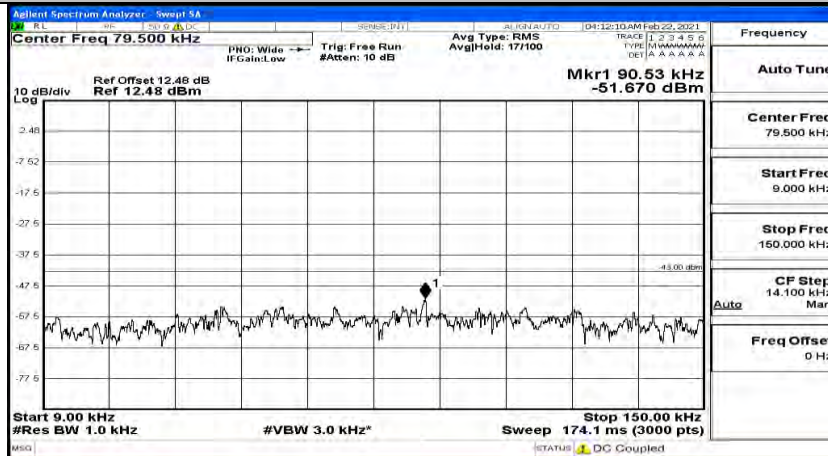


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_1RB#5

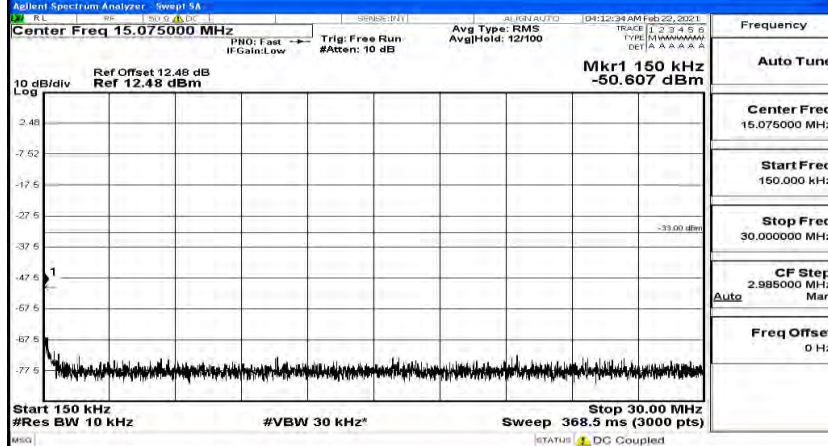
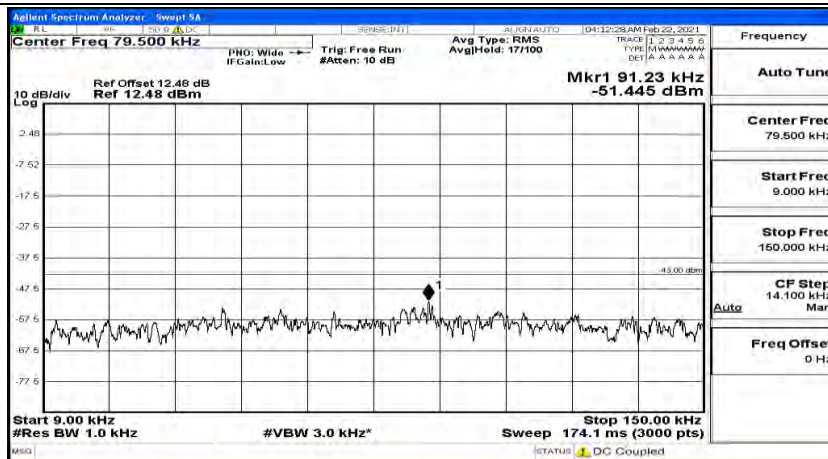


Channel Bandwidth: 3 MHz

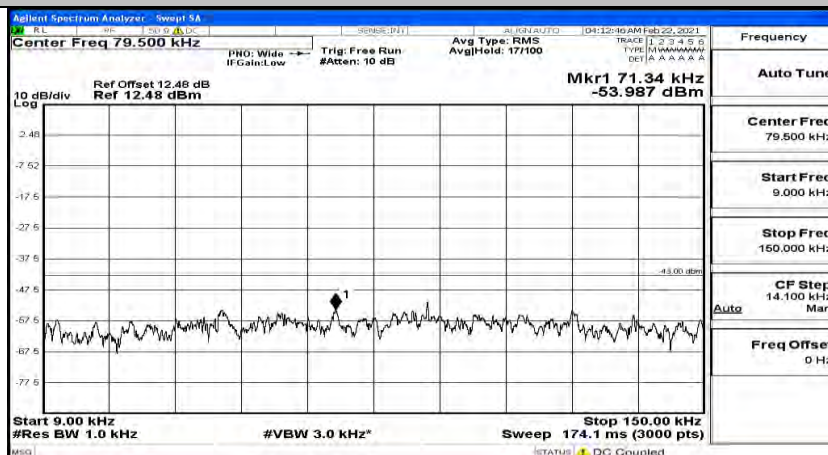
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#0

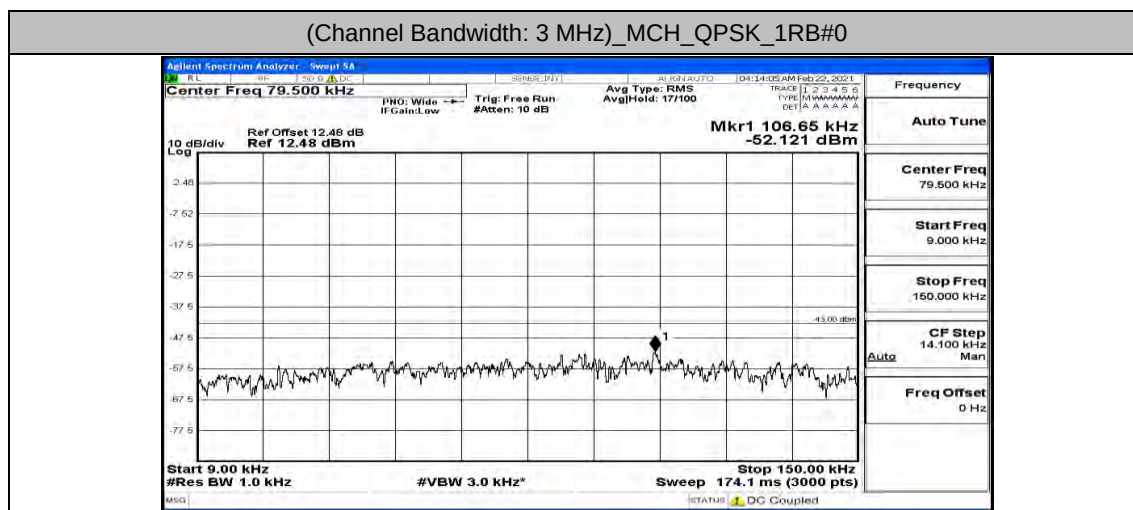


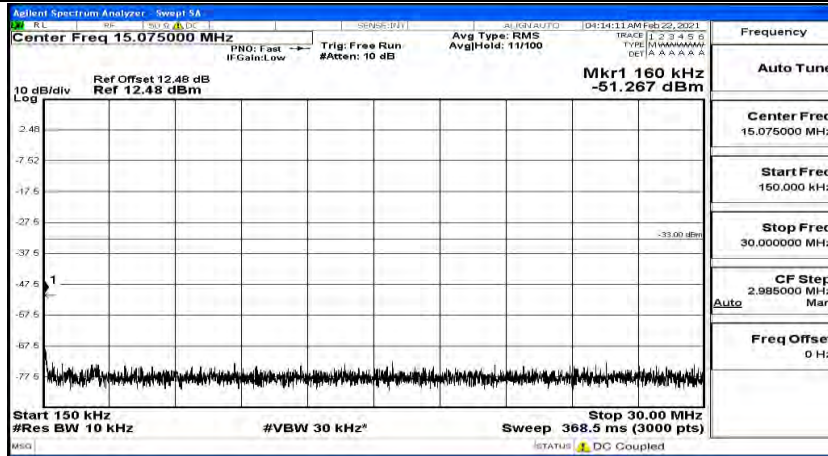
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#7



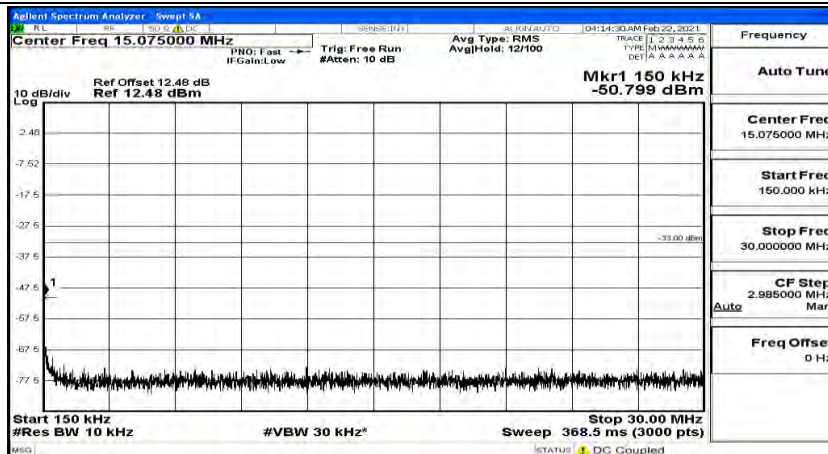
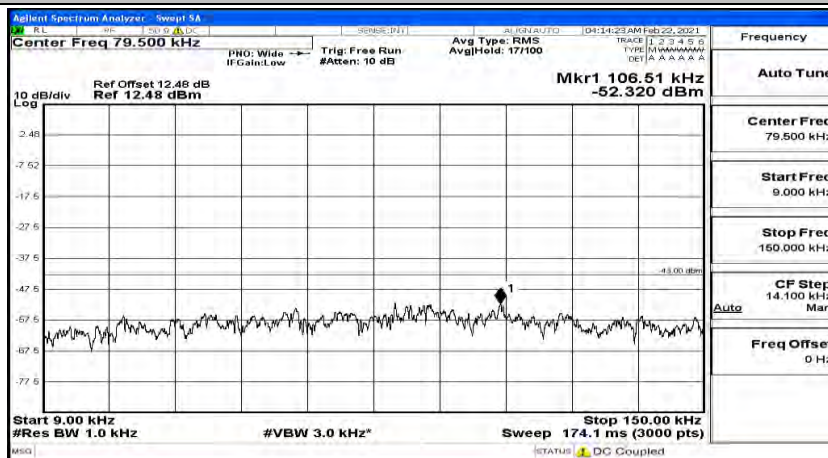
(Channel Bandwidth: 3 MHz)_LCH_QPSK_1RB#14





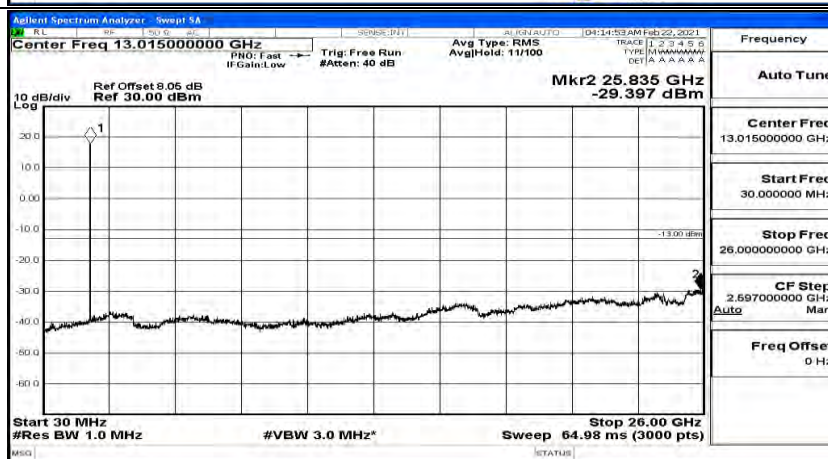
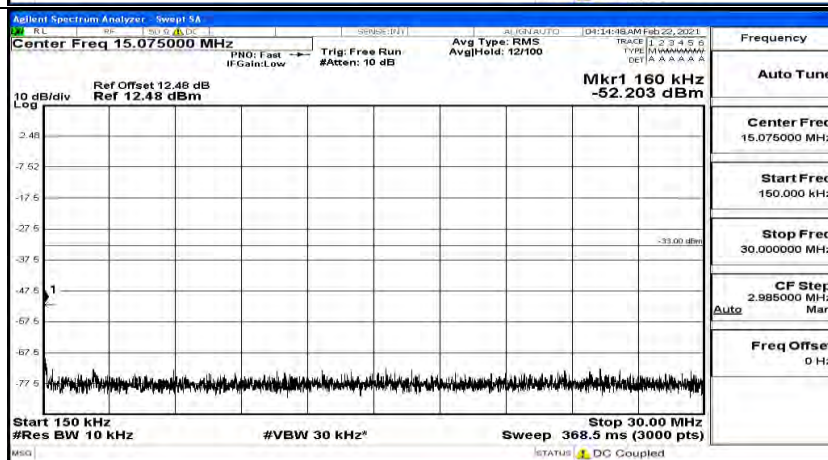
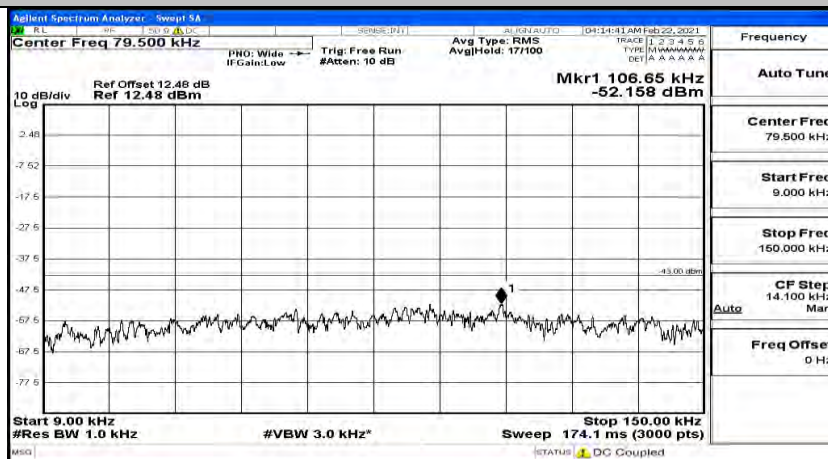


(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#7





(Channel Bandwidth: 3 MHz)_MCH_QPSK_1RB#14



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)

Trig: Free Run
#Acq: 10 dB

Avg Type: RMS
Ave/Hold: 17/100

Mkr1 72.00 kHz
-50.868 dBm

Frequency

Auto Tune

Center Freq
79.500 kHz

Start Freq
9.000 kHz

Stop Freq
150.000 kHz

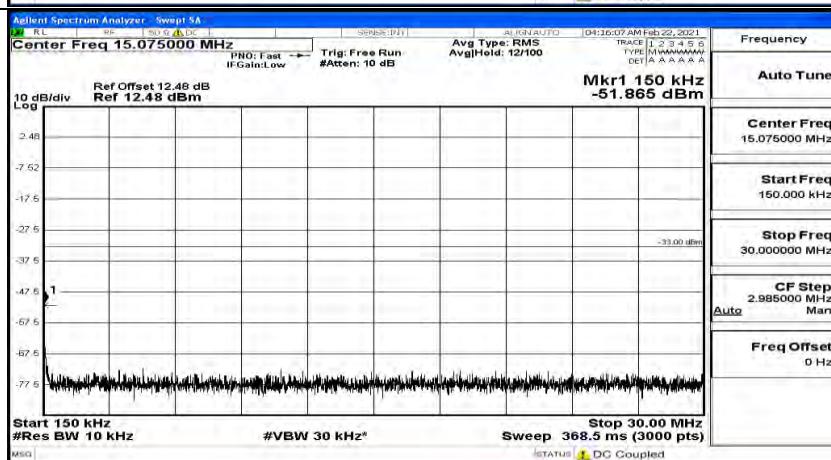
CF Step
14.100 kHz
Manual

Auto

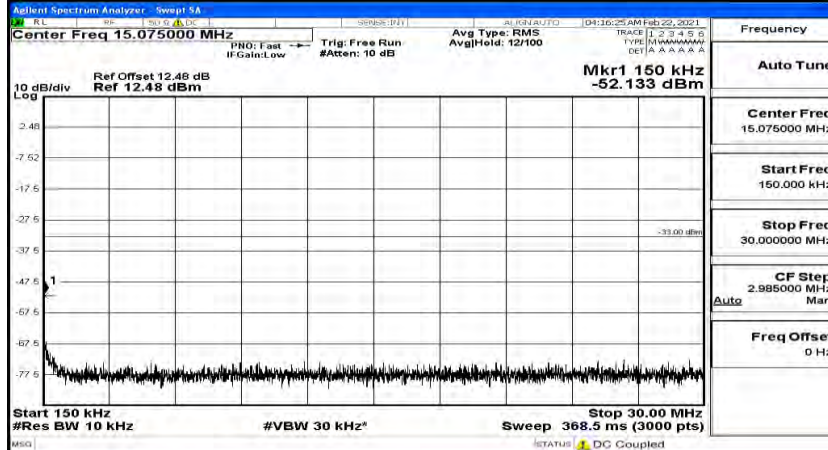
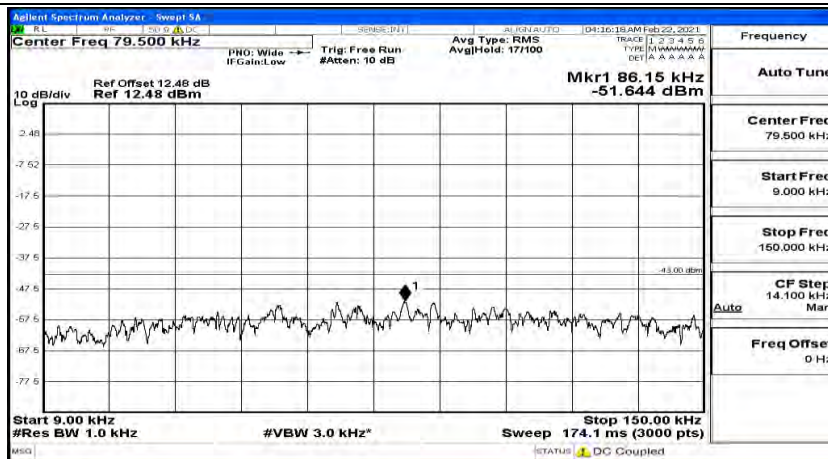
Freq Offset
0 Hz

MSG

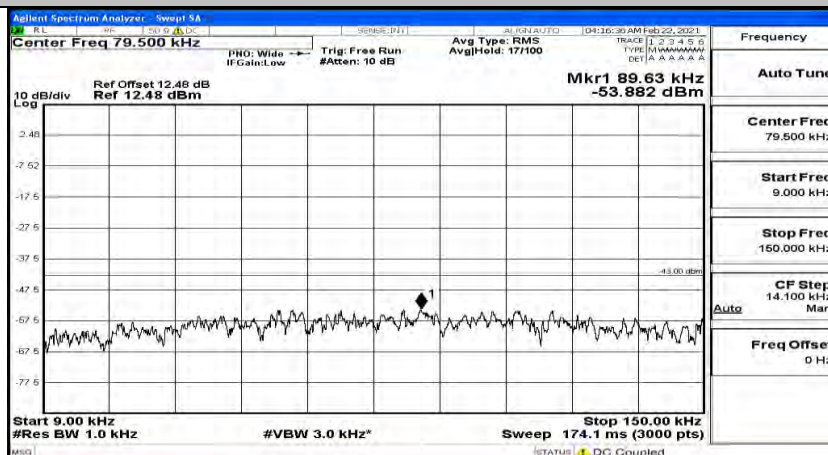
STATUS DC Coupled

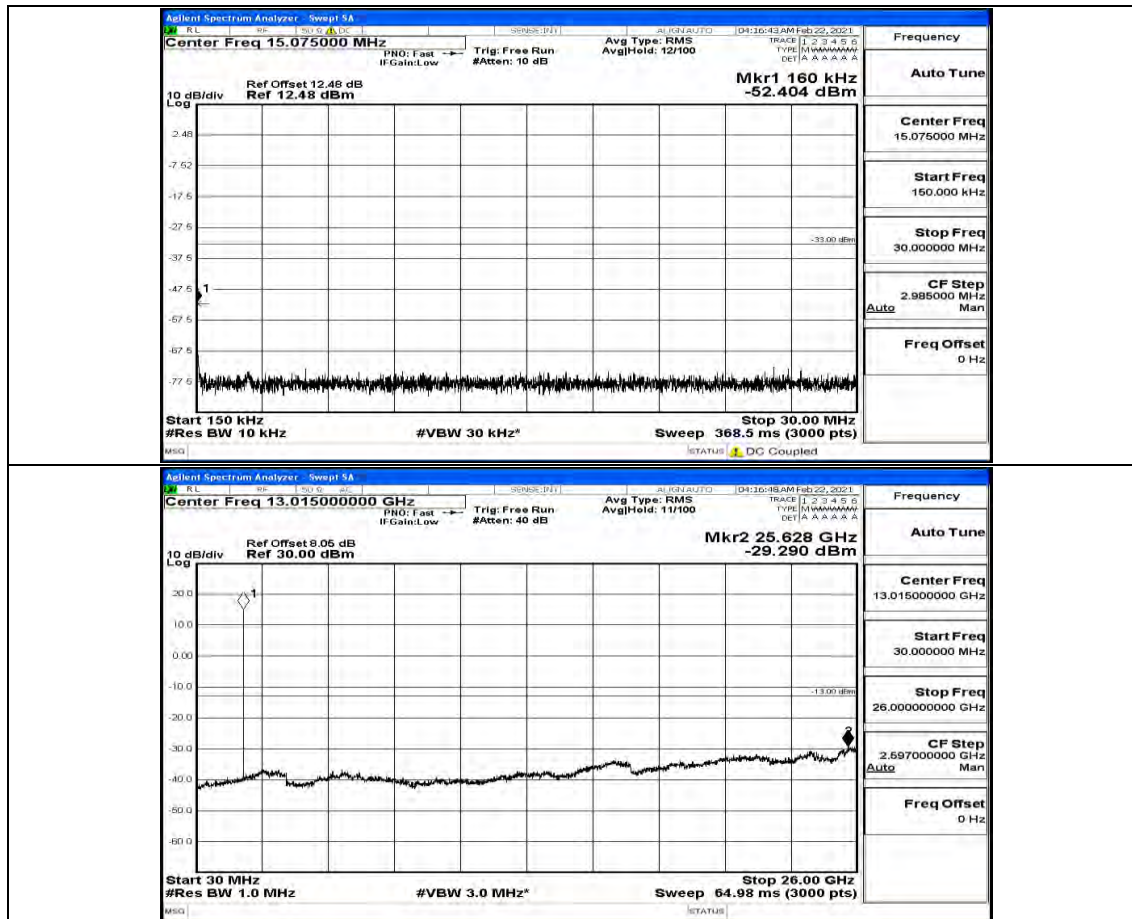


(Channel Bandwidth: 3 MHz) HCH QPSK 1RB#7

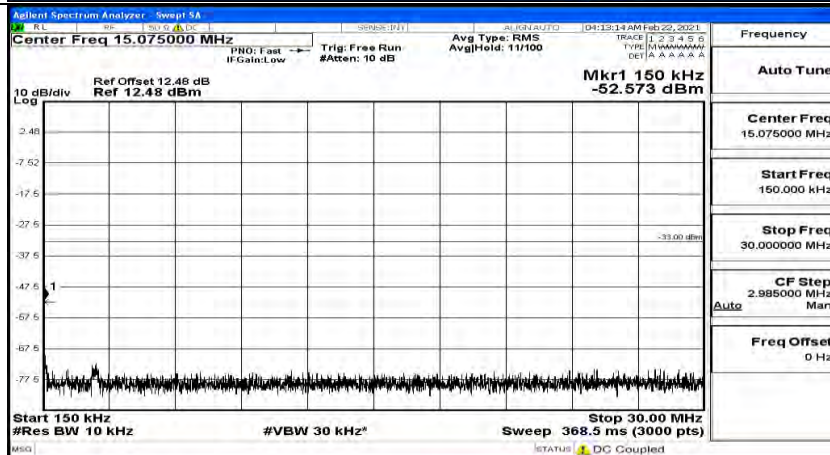
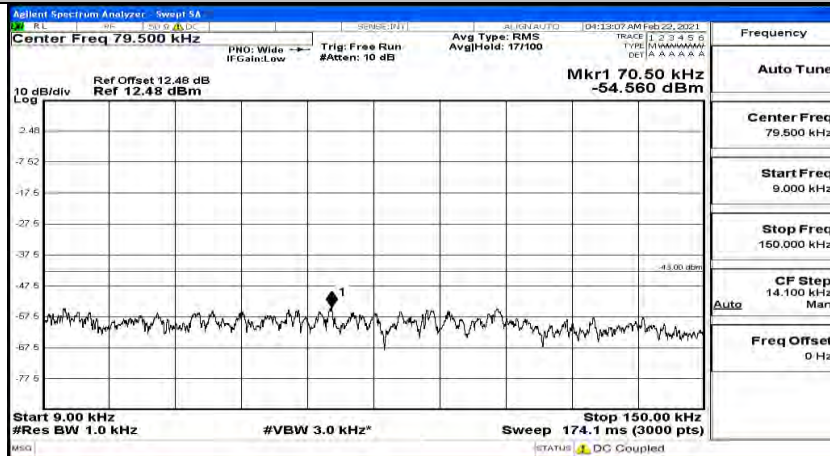


(Channel Bandwidth: 3 MHz)_HCH_QPSK_1RB#14

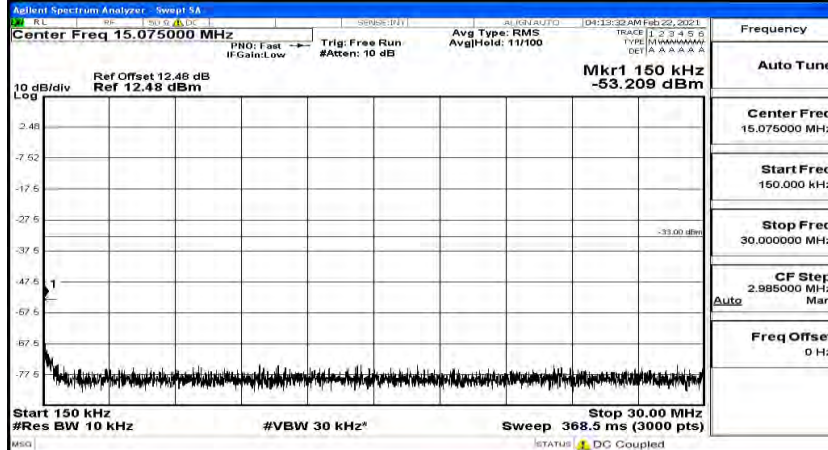
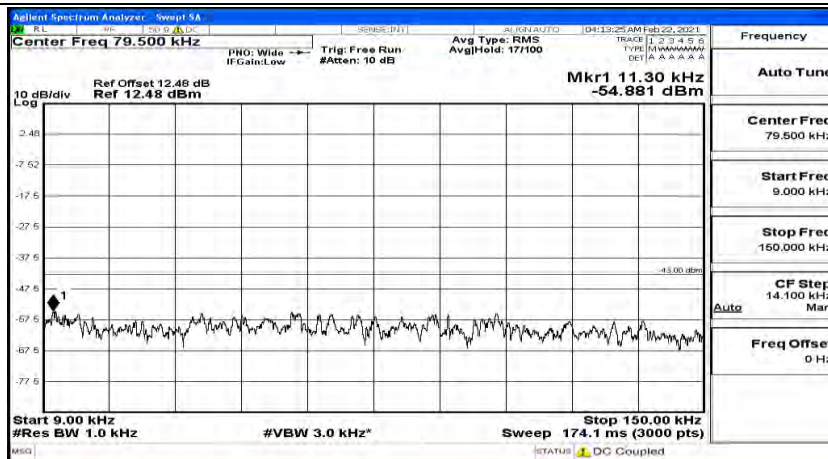




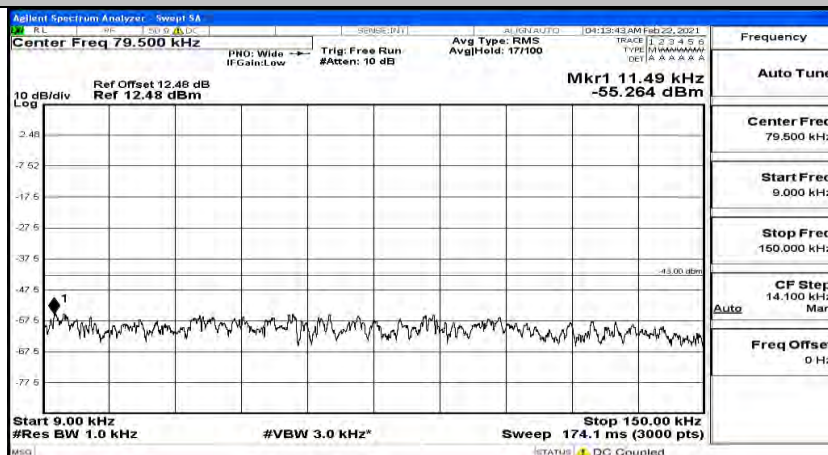
(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#0

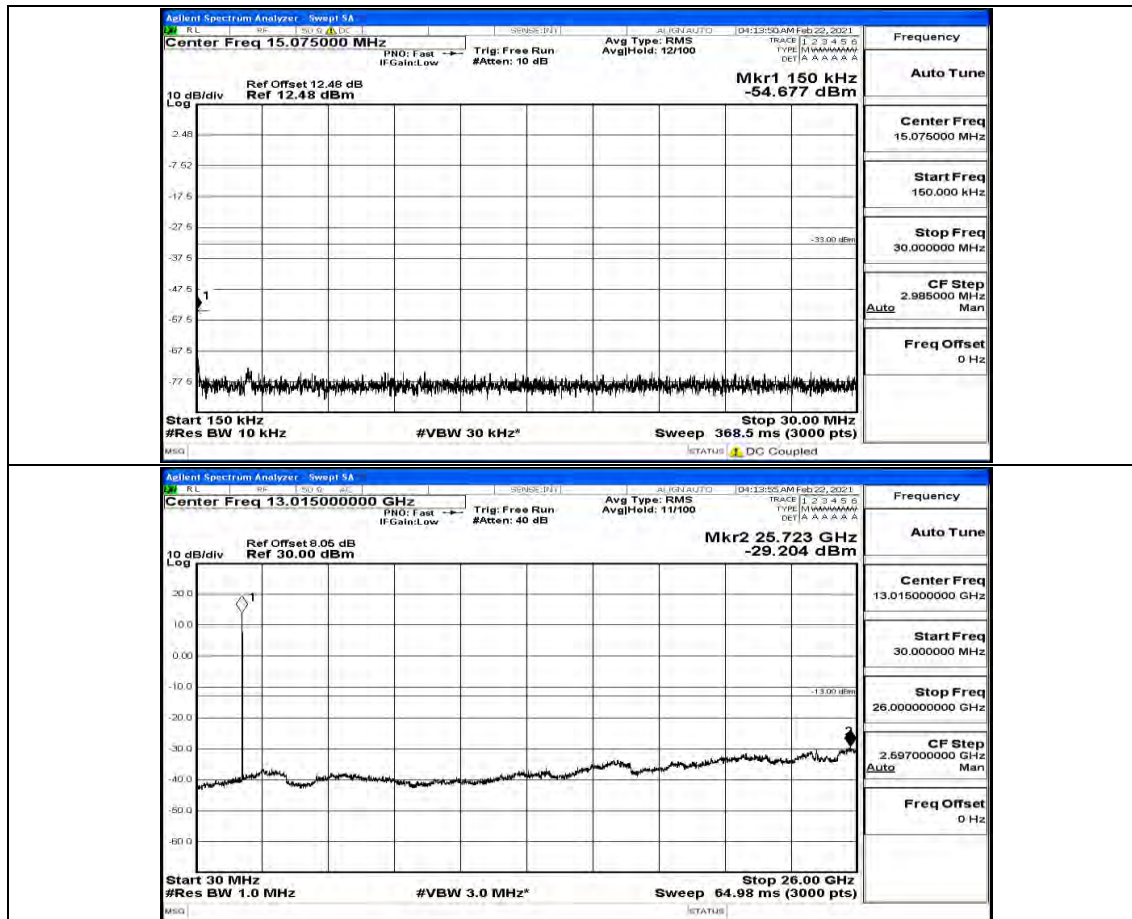


(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#7

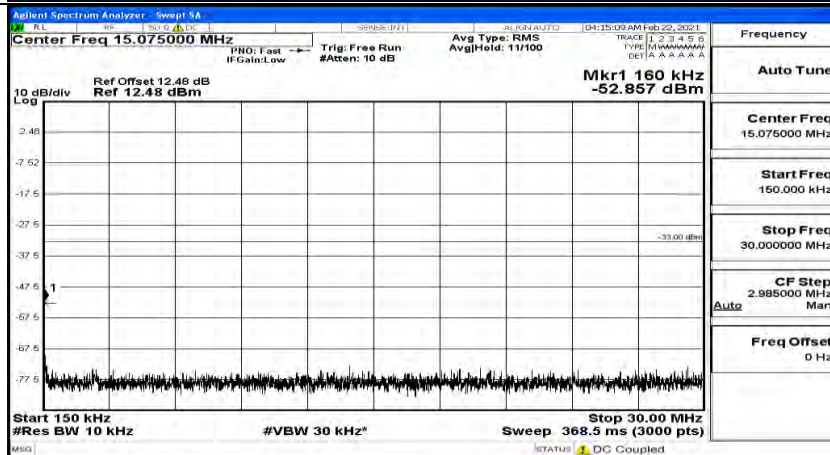
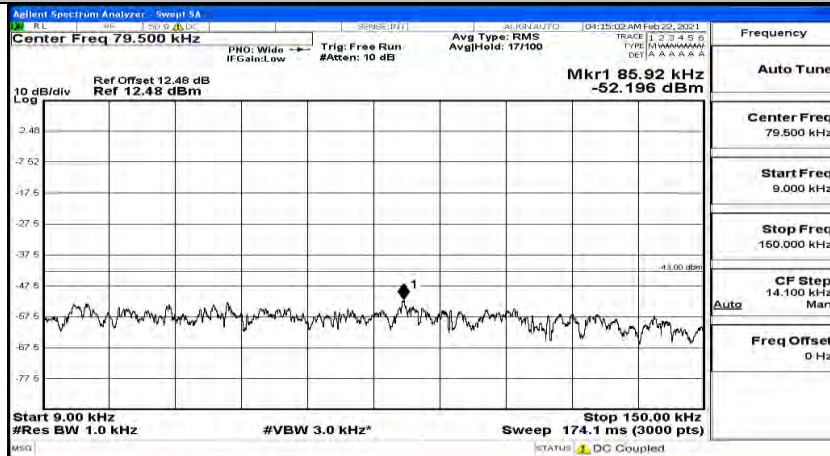


(Channel Bandwidth: 3 MHz)_LCH_16QAM_1RB#14

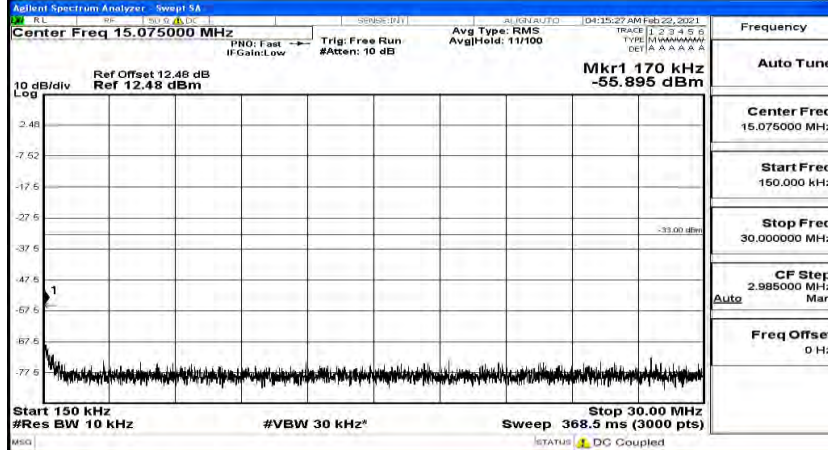
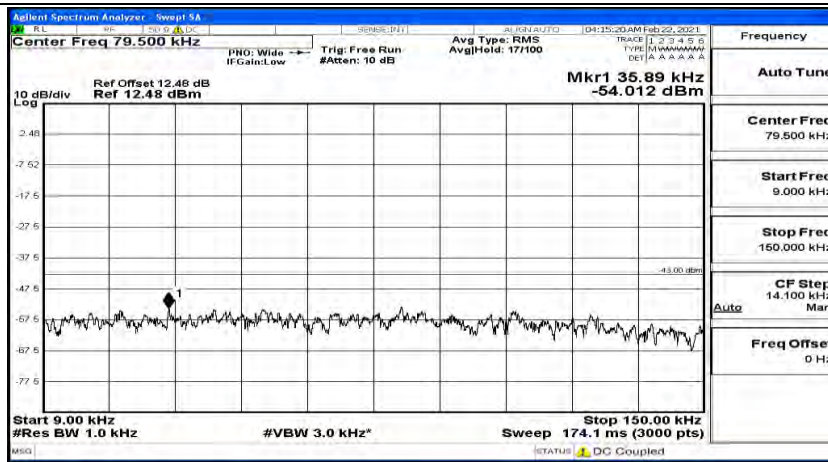




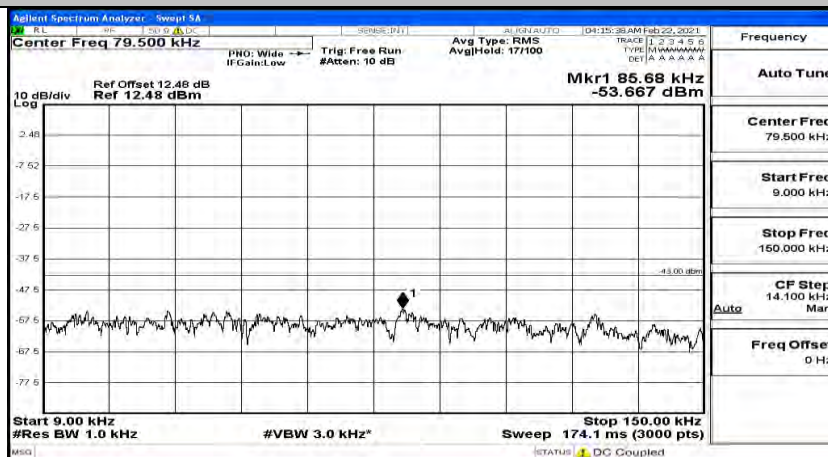
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#0

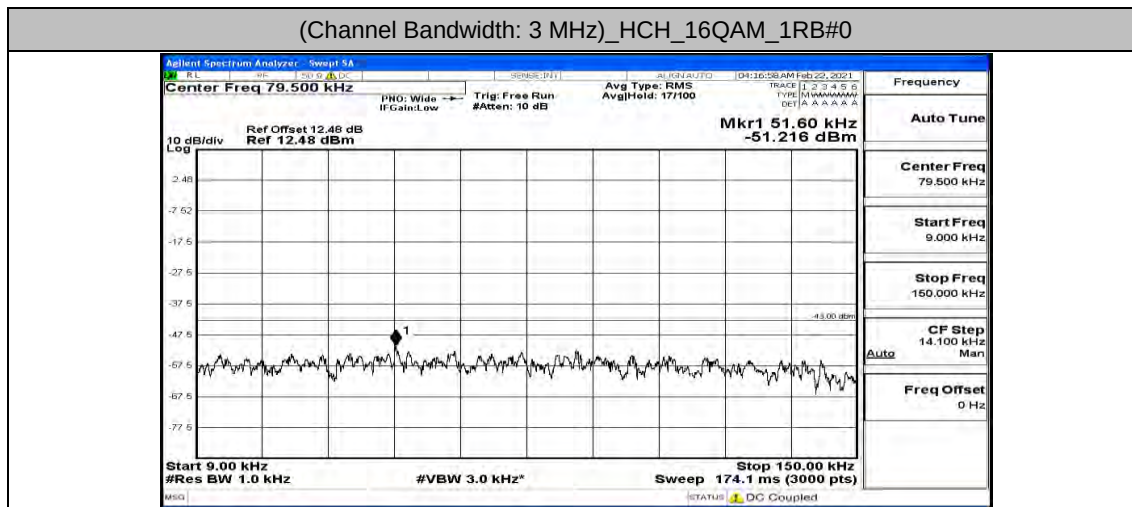


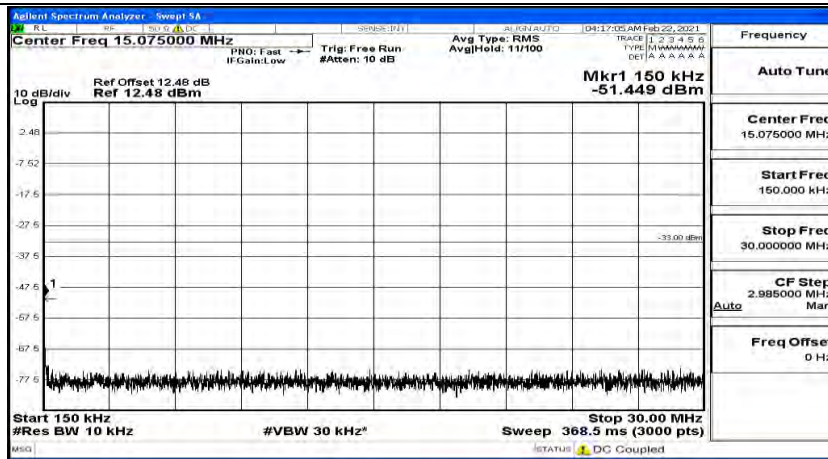
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#7



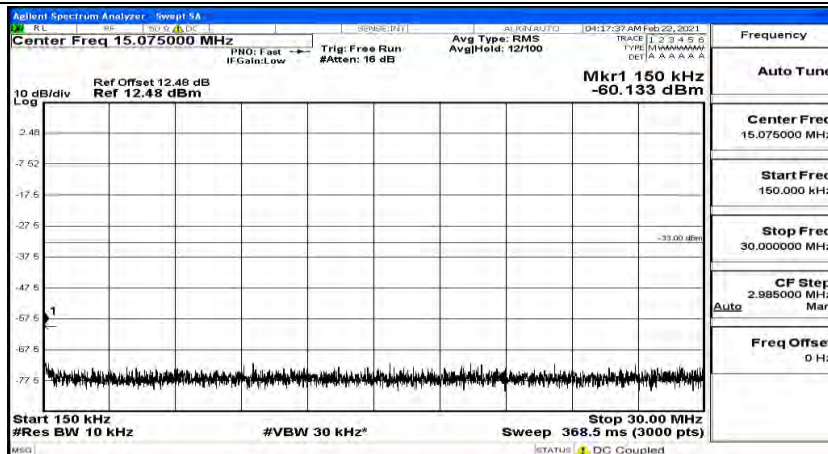
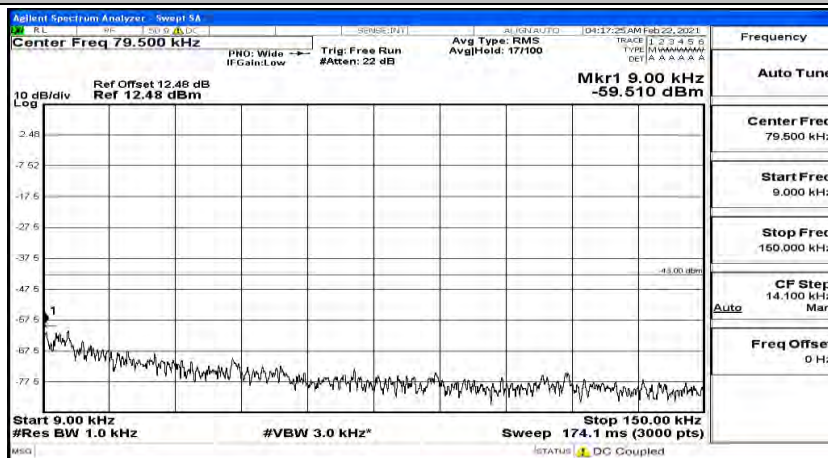
(Channel Bandwidth: 3 MHz)_MCH_16QAM_1RB#14





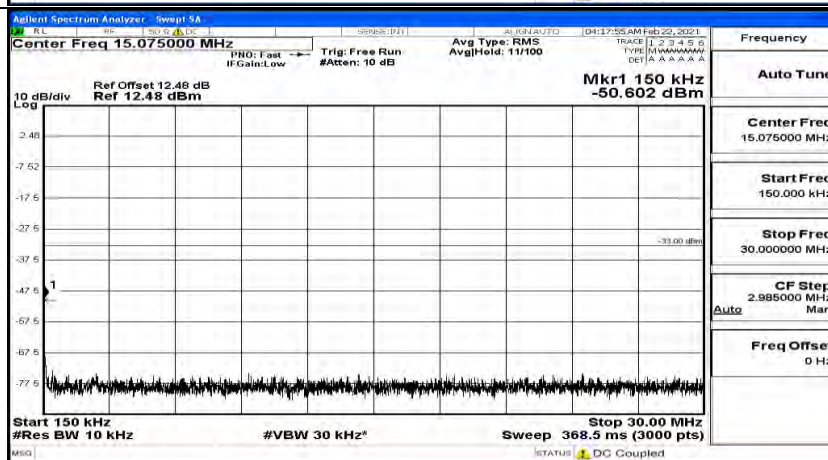
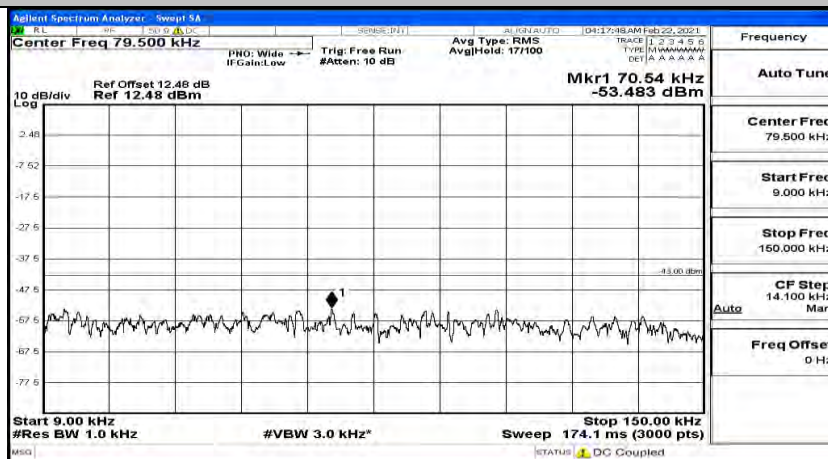


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#7



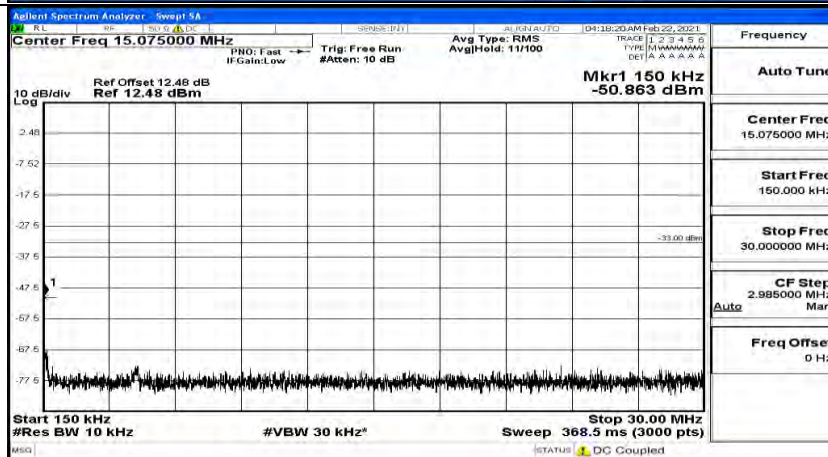
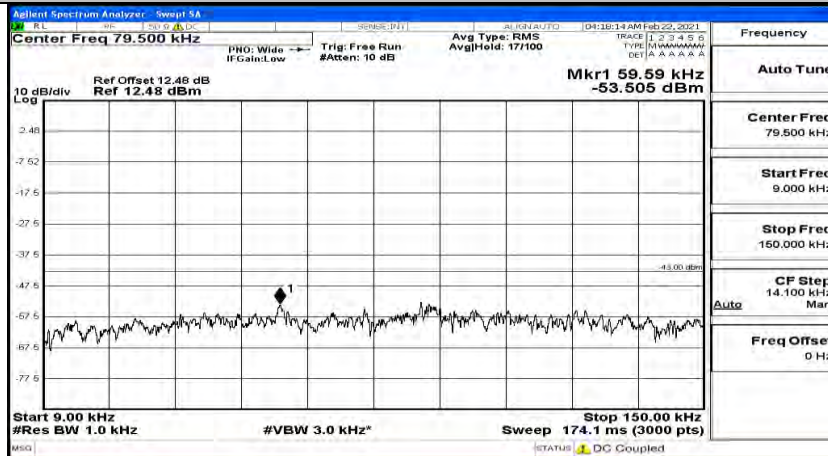


(Channel Bandwidth: 3 MHz)_HCH_16QAM_1RB#14



Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#0



(Channel Bandwidth: 5 MHz)_LCH_QPSK_1RB#12

