



Appendix A: Test Data for E-UTRA Band 2

Product Name: CellCOM Prime 7 4G

Trade Mark: AES

Test Model: PRIME7-PX-IMPX-PED/4GA

Environmental Conditions

Temperature:	21.1 ° C
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Carl Fu
Supervised by:	Li Huan



A.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	23.54	22.43	PASS
		1	3	23.64	22.58	PASS
		1	5	23.52	22.40	PASS
		3	0	23.63	22.42	PASS
		3	2	23.63	22.44	PASS
		3	3	23.61	22.42	PASS
		6	0	22.55	21.53	PASS
	MCH	1	0	23.78	22.86	PASS
		1	3	23.90	23.00	PASS
		1	5	23.71	22.82	PASS
		3	0	23.87	22.78	PASS
		3	2	23.85	22.74	PASS
		3	3	23.79	22.70	PASS
		6	0	22.75	21.81	PASS
	HCH	1	0	24.35	23.35	PASS
		1	3	24.50	23.55	PASS
		1	5	24.35	23.34	PASS
		3	0	24.33	23.22	PASS
		3	2	24.35	23.21	PASS
		3	3	24.37	23.15	PASS
		6	0	23.44	22.25	PASS



Conducted Output Power Test Result (Channel Bandwidth: 3 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.56	22.76	PASS
		1	7	23.54	22.71	PASS
		1	14	23.48	22.63	PASS
		8	0	22.55	21.59	PASS
		8	4	22.53	21.58	PASS
		8	7	22.55	21.56	PASS
		15	0	22.49	21.52	PASS
	MCH	1	0	23.90	23.07	PASS
		1	7	23.75	22.82	PASS
		1	14	23.65	22.76	PASS
		8	0	22.85	21.88	PASS
		8	4	22.88	21.86	PASS
		8	7	22.70	21.71	PASS
		15	0	22.77	21.71	PASS
	HCH	1	0	24.36	23.22	PASS
		1	7	24.39	23.27	PASS
		1	14	24.36	23.25	PASS
		8	0	23.49	22.40	PASS
		8	4	23.47	22.41	PASS
		8	7	23.47	22.38	PASS
		15	0	23.34	22.23	PASS



Conducted Output Power Test Result (Channel Bandwidth: 5 MHz)						
Modulation	Channel	RB Configuration		Average Power [dBm]	Average Power [dBm]	Verdict
		Size	Offset	QPSK	16QAM	
QPSK / 16QAM	LCH	1	0	23.53	22.52	PASS
		1	12	23.60	22.59	PASS
		1	24	23.47	22.46	PASS
		12	0	22.49	21.43	PASS
		12	6	22.51	21.50	PASS
		12	13	22.51	21.49	PASS
		25	0	22.55	21.59	PASS
	MCH	1	0	23.97	23.17	PASS
		1	12	23.85	23.01	PASS
		1	24	23.53	22.66	PASS
		12	0	22.89	21.92	PASS
		12	6	22.96	21.96	PASS
		12	13	22.67	21.64	PASS
		25	0	22.80	21.82	PASS
	HCH	1	0	24.27	22.75	PASS
		1	12	24.46	22.97	PASS
		1	24	24.00	22.80	PASS
		12	0	22.82	21.85	PASS
		12	6	22.83	21.81	PASS
		12	13	22.78	21.83	PASS
		25	0	22.85	21.93	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	23.01	22.22	PASS
		1	24	23.11	22.31	PASS
		1	49	23.10	22.33	PASS
		25	0	22.01	21.04	PASS
		25	12	22.05	21.04	PASS
		25	25	22.21	21.22	PASS
		50	0	22.19	21.15	PASS
	MCH	1	0	23.67	22.84	PASS
		1	24	23.37	22.59	PASS
		1	49	22.81	22.01	PASS
		25	0	22.61	21.63	PASS
		25	12	22.59	21.61	PASS
		25	25	22.14	21.33	PASS
		50	0	22.34	21.40	PASS
	HCH	1	0	23.37	22.29	PASS
		1	24	23.96	22.78	PASS
		1	49	23.86	22.74	PASS
		25	0	22.68	21.74	PASS
		25	12	22.70	21.74	PASS
		25	25	22.87	21.92	PASS
		50	0	22.74	21.80	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	22.94	22.12	PASS
		1	37	23.10	22.30	PASS
		1	74	23.37	22.56	PASS
		37	0	22.18	22.21	PASS
		37	18	22.20	22.18	PASS
		37	38	22.19	22.16	PASS
		75	0	22.22	21.15	PASS
	MCH	1	0	23.67	22.93	PASS
		1	37	23.28	22.58	PASS
		1	74	22.60	21.91	PASS
		37	0	22.42	22.41	PASS
		37	18	22.39	22.40	PASS
		37	38	22.40	22.41	PASS
		75	0	22.40	21.43	PASS
	HCH	1	0	22.86	21.74	PASS
		1	37	23.65	22.53	PASS
		1	74	23.77	22.68	PASS
		37	0	22.64	22.65	PASS
		37	18	22.66	22.65	PASS
		37	38	22.67	22.65	PASS
		75	0	22.65	21.62	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	22.84	21.90	PASS
		1	49	23.49	22.46	PASS
		1	99	23.55	22.55	PASS
		50	0	21.96	20.98	PASS
		50	25	21.96	20.99	PASS
		50	50	22.52	21.53	PASS
		100	0	22.25	21.27	PASS
	MCH	1	0	23.66	22.78	PASS
		1	49	23.39	22.58	PASS
		1	99	22.41	21.61	PASS
		50	0	22.63	21.69	PASS
		50	25	22.59	21.66	PASS
		50	50	21.99	21.04	PASS
		100	0	22.32	21.35	PASS
	HCH	1	0	22.33	21.42	PASS
		1	49	23.37	22.55	PASS
		1	99	23.50	22.56	PASS
		50	0	22.06	21.11	PASS
		50	25	22.03	21.10	PASS
		50	50	22.58	21.66	PASS
		100	0	22.31	21.31	PASS



A.2 Peak-to-Average Ratio

Test Result

Peak-to Average Ratio Test Result (Channel Bandwidth: 1.4 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.55	<13	PASS
	MCH	4.68	<13	PASS
	HCH	3.31	<13	PASS
16QAM	LCH	5.22	<13	PASS
	MCH	5.46	<13	PASS
	HCH	4.27	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.95	<13	PASS
	MCH	4.36	<13	PASS
	HCH	3.6	<13	PASS
16QAM	LCH	5.76	<13	PASS
	MCH	5.06	<13	PASS
	HCH	4.74	<13	PASS

Peak-to Average Ratio Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.22	<13	PASS
	MCH	4.37	<13	PASS
	HCH	4.12	<13	PASS
16QAM	LCH	5.8	<13	PASS
	MCH	5.13	<13	PASS
	HCH	4.79	<13	PASS

**Peak-to Average Ratio Test Result (Channel Bandwidth: 10 MHz)**

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.88	<13	PASS
	MCH	4.05	<13	PASS
	HCH	3.9	<13	PASS
16QAM	LCH	5.86	<13	PASS
	MCH	4.85	<13	PASS
	HCH	4.93	<13	PASS

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

Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	4.94	<13	PASS
	MCH	4.24	<13	PASS
	HCH	3.63	<13	PASS
16QAM	LCH	5.76	<13	PASS
	MCH	5.08	<13	PASS
	HCH	4.45	<13	PASS

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

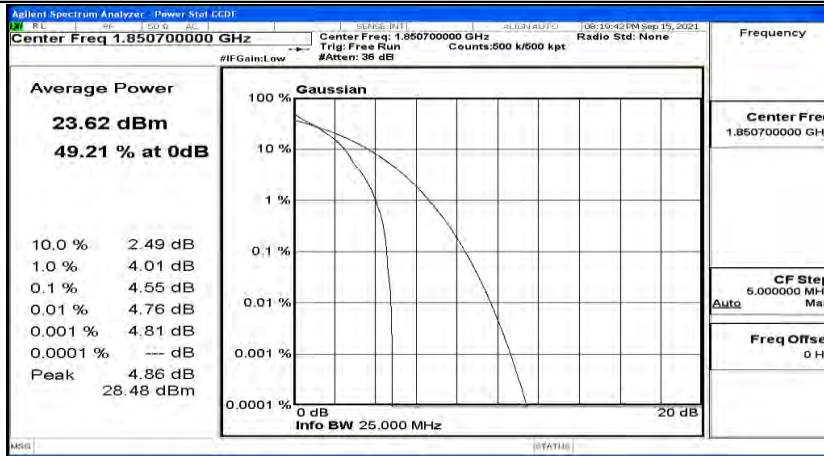
Modulation	Channel	Peak-to-Average Ratio [dB]	Limit [dB]	Verdict
QPSK	LCH	5.02	<13	PASS
	MCH	4.49	<13	PASS
	HCH	4.33	<13	PASS
16QAM	LCH	5.58	<13	PASS
	MCH	5.58	<13	PASS
	HCH	5.39	<13	PASS



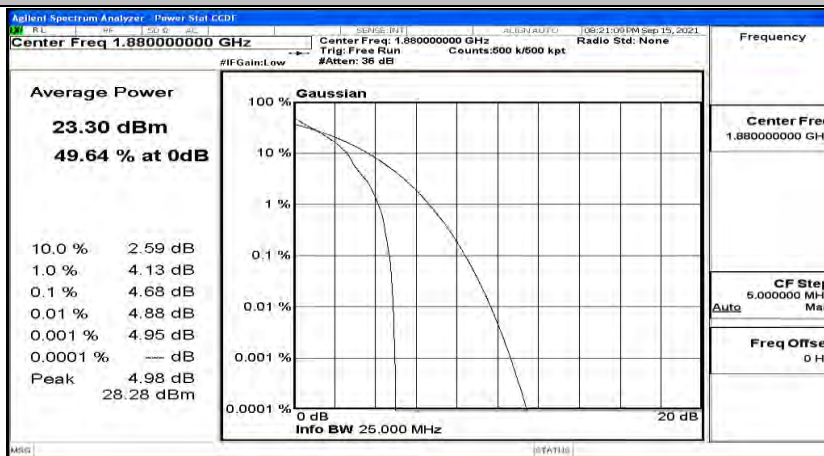
Test Graphs

Channel Bandwidth: 1.4 MHz

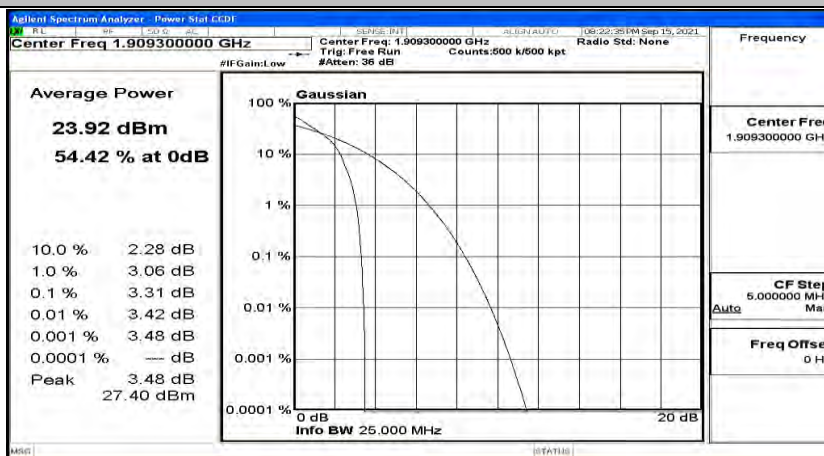
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK

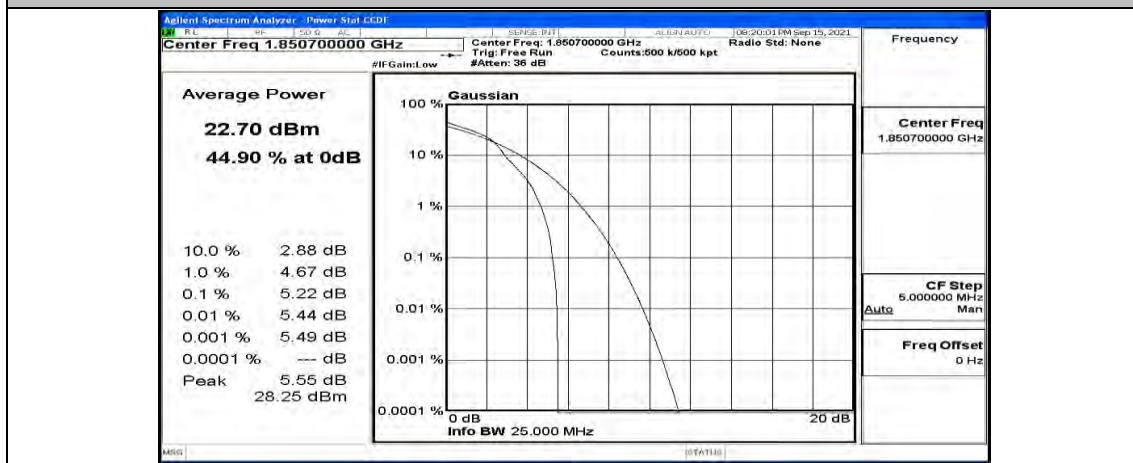


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK

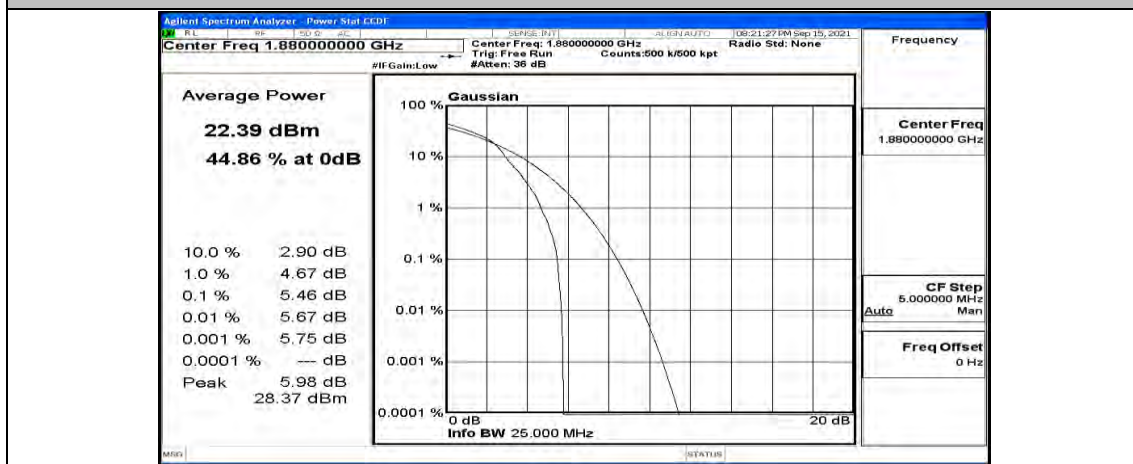




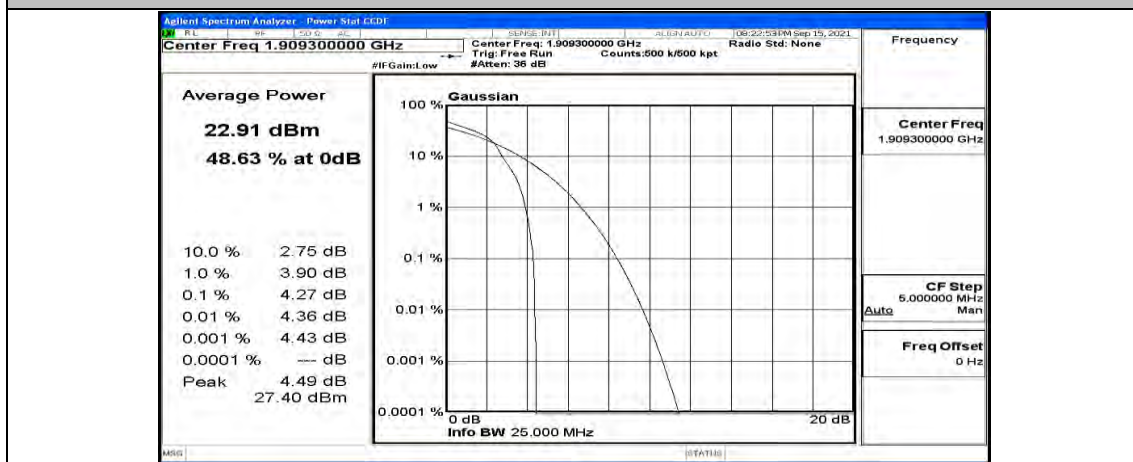
(Channel Bandwidth: 1.4 MHz) LCH_16QAM



(Channel Bandwidth: 1.4 MHz) MCH_16QAM



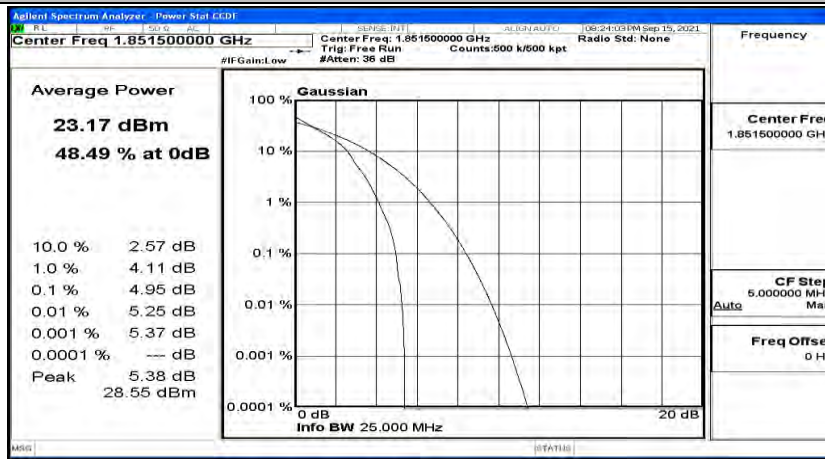
(Channel Bandwidth: 1.4 MHz) HCH_16QAM



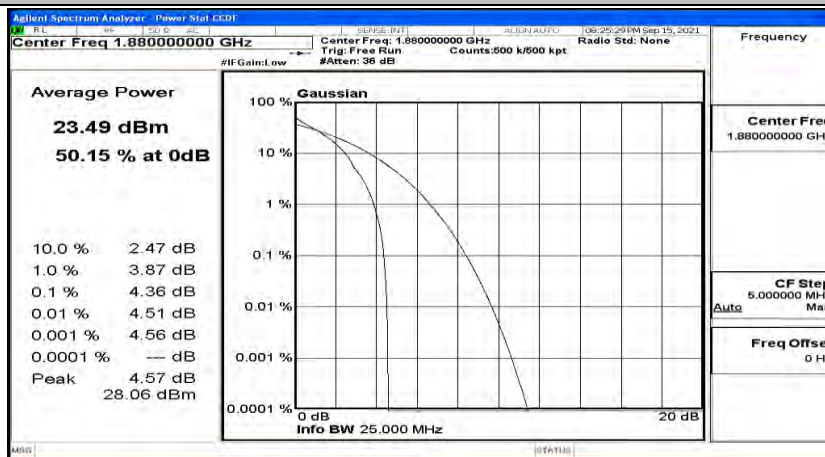


Channel Bandwidth: 3 MHz

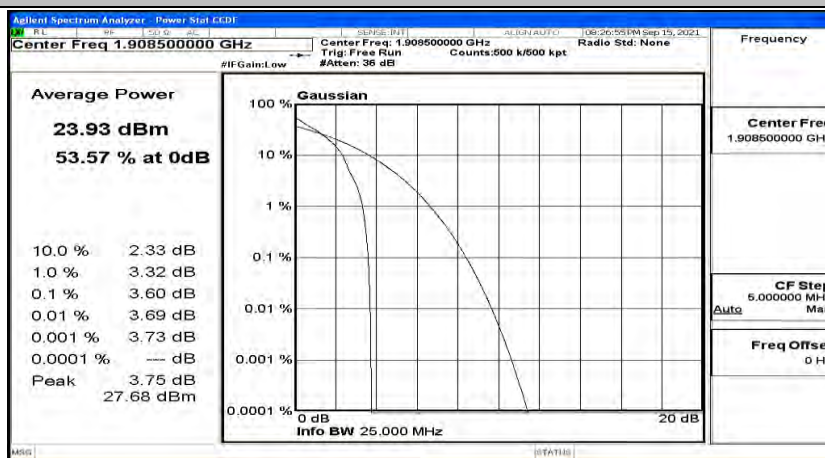
(Channel Bandwidth: 3 MHz)_LCH_QPSK



(Channel Bandwidth: 3 MHz)_MCH_QPSK

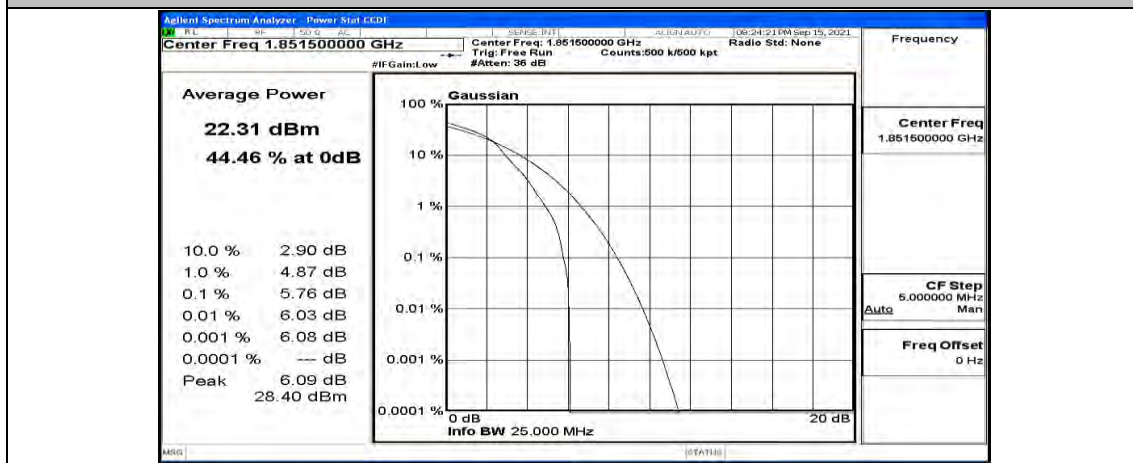


(Channel Bandwidth: 3 MHz)_HCH_QPSK

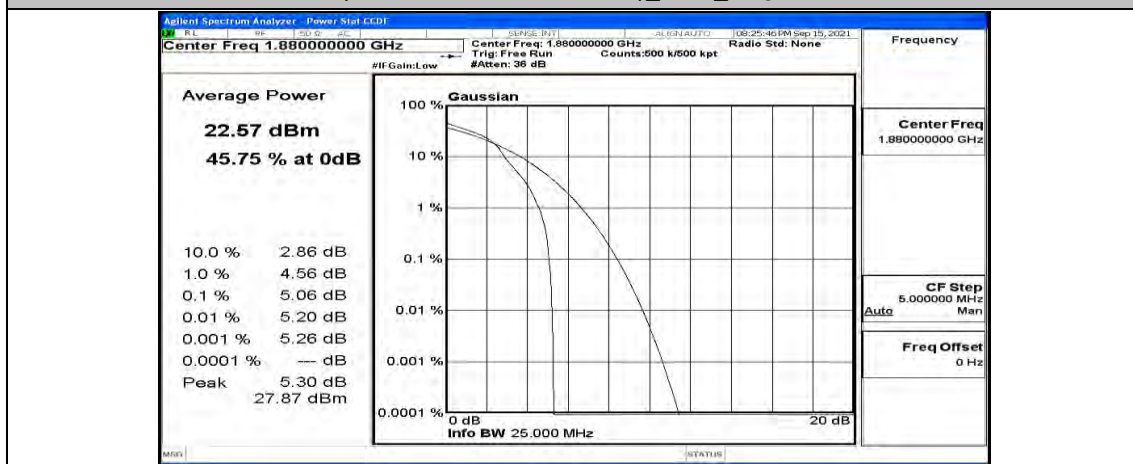




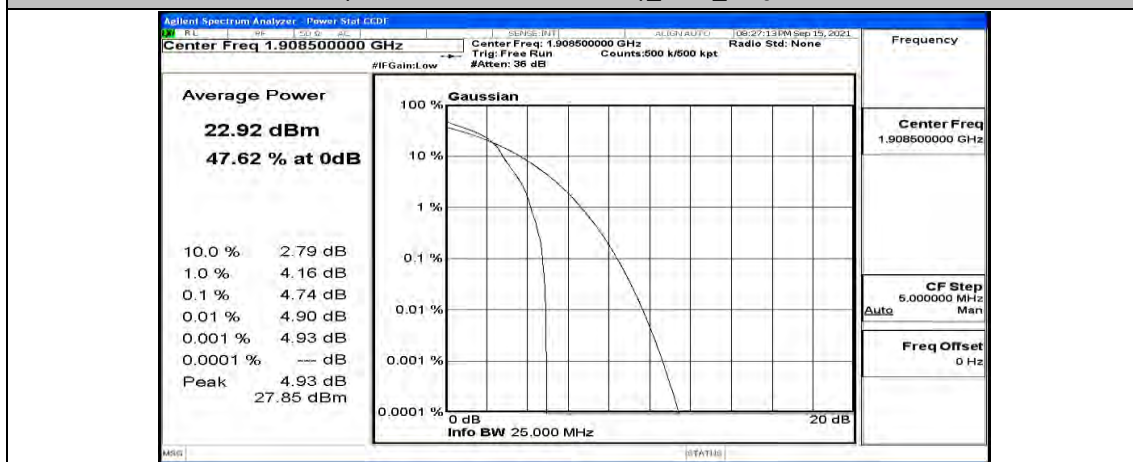
(Channel Bandwidth: 3 MHz)_LCH_16QAM



(Channel Bandwidth: 3 MHz)_MCH_16QAM



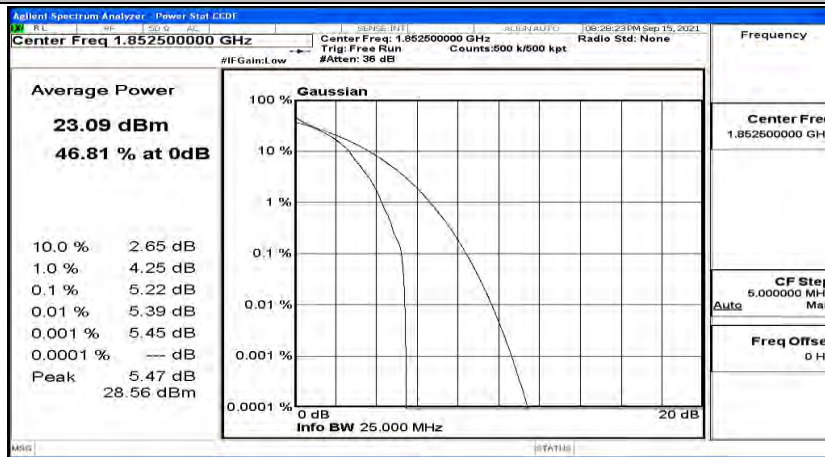
(Channel Bandwidth: 3 MHz)_HCH_16QAM



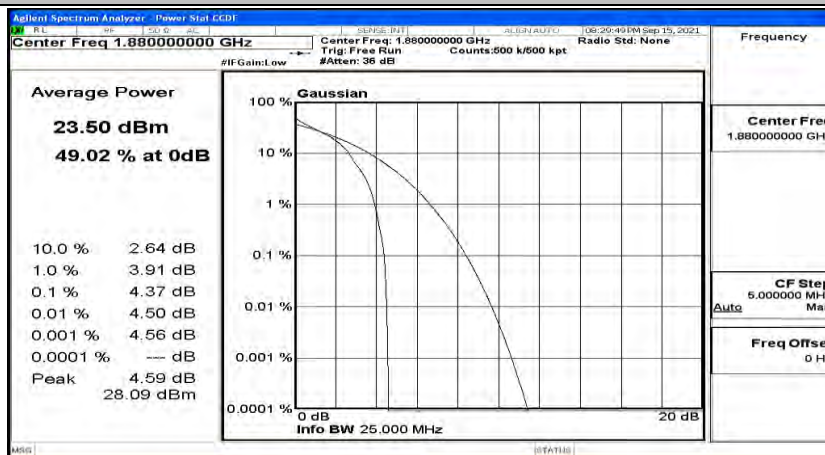


Channel Bandwidth: 5 MHz

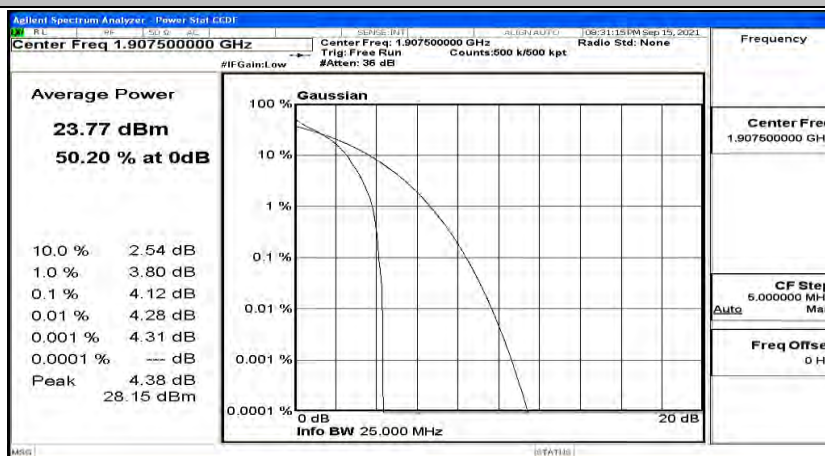
(Channel Bandwidth: 5 MHz)_LCH_QPSK



(Channel Bandwidth: 5 MHz)_MCH_QPSK

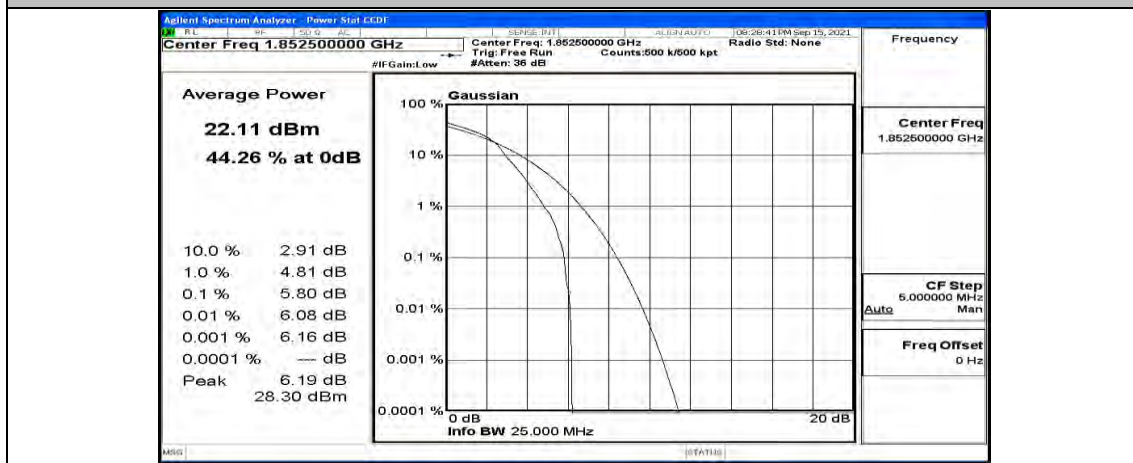


(Channel Bandwidth: 5 MHz)_HCH_QPSK

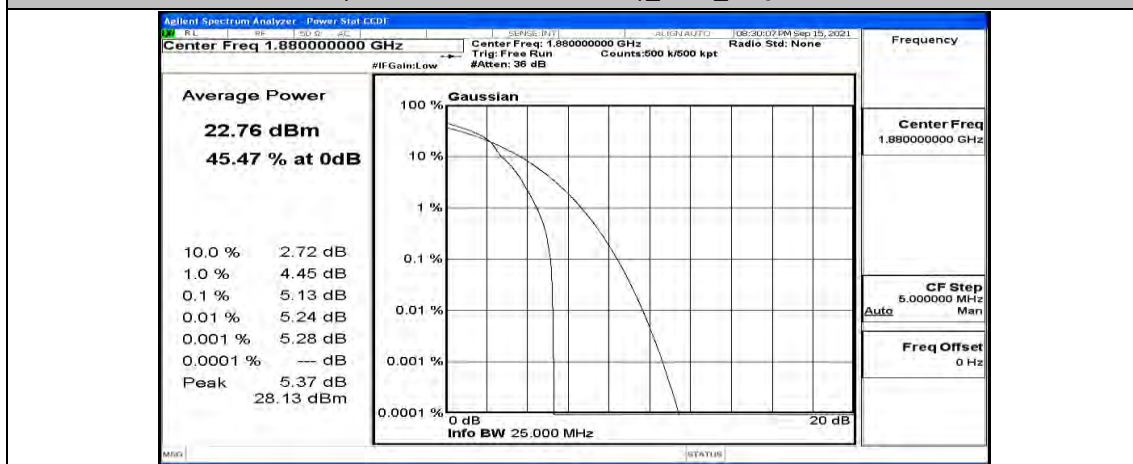




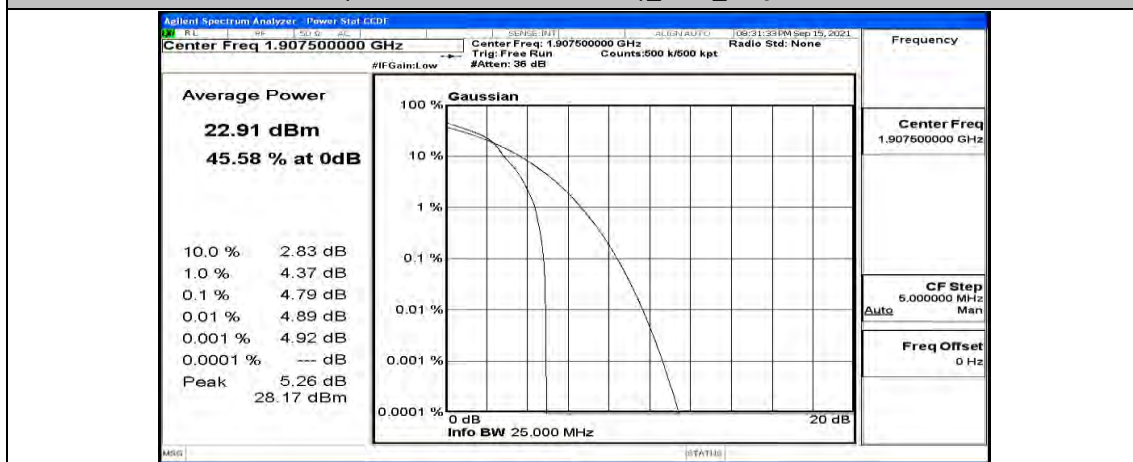
(Channel Bandwidth: 5 MHz)_LCH_16QAM



(Channel Bandwidth: 5 MHz)_MCH_16QAM



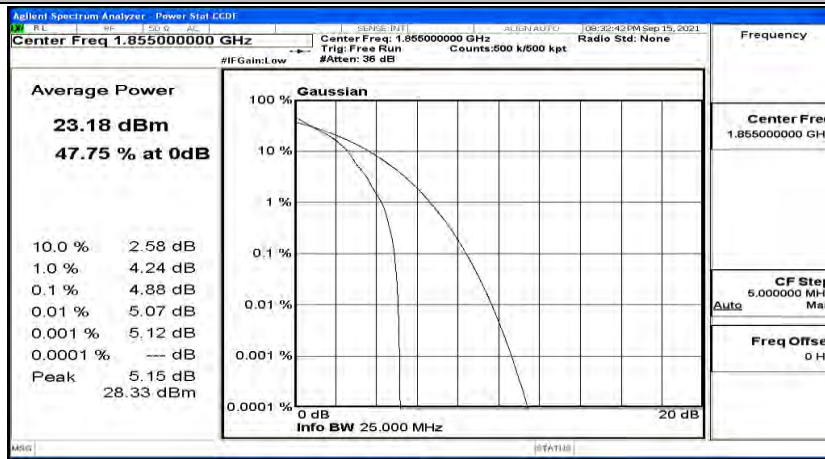
(Channel Bandwidth: 5 MHz)_HCH_16QAM



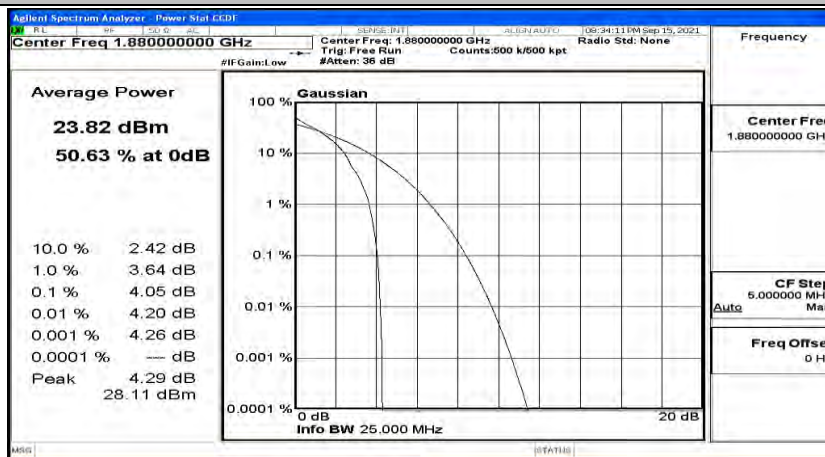


Channel Bandwidth: 10 MHz

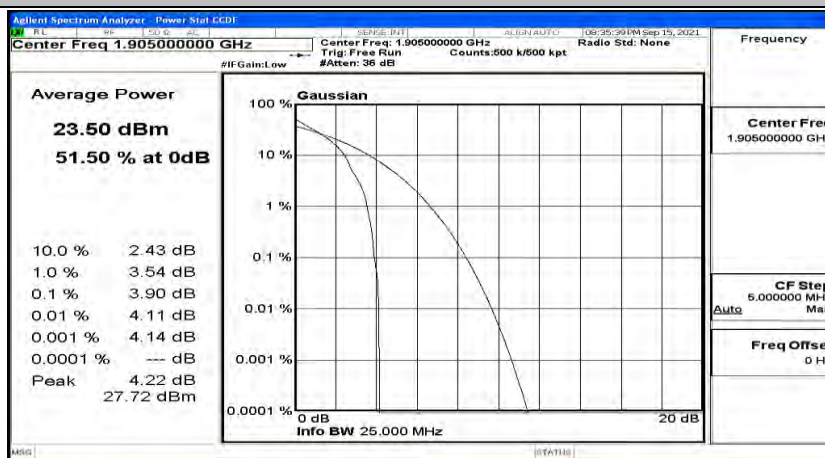
Channel Bandwidth: 10 MHz_LCH_QPSK



Channel Bandwidth: 10 MHz_MCH_QPSK

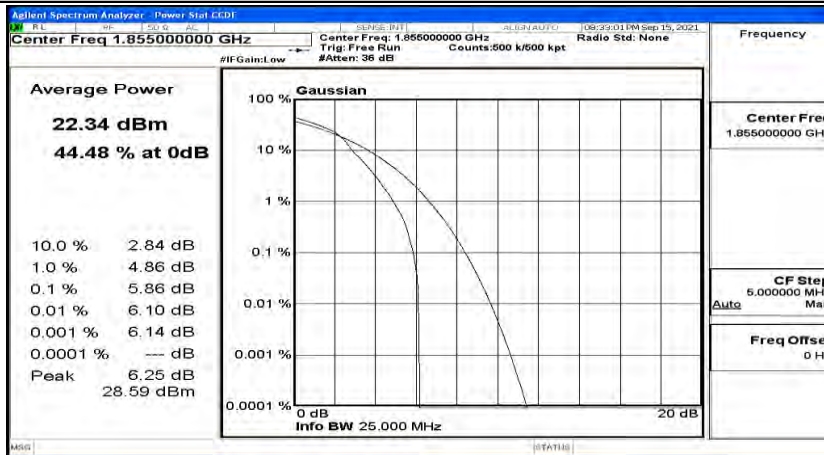


Channel Bandwidth: 10 MHz_HCH_QPSK

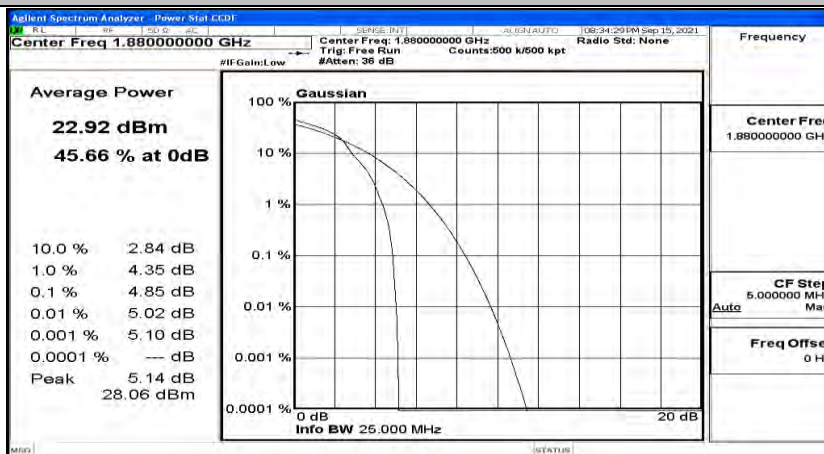




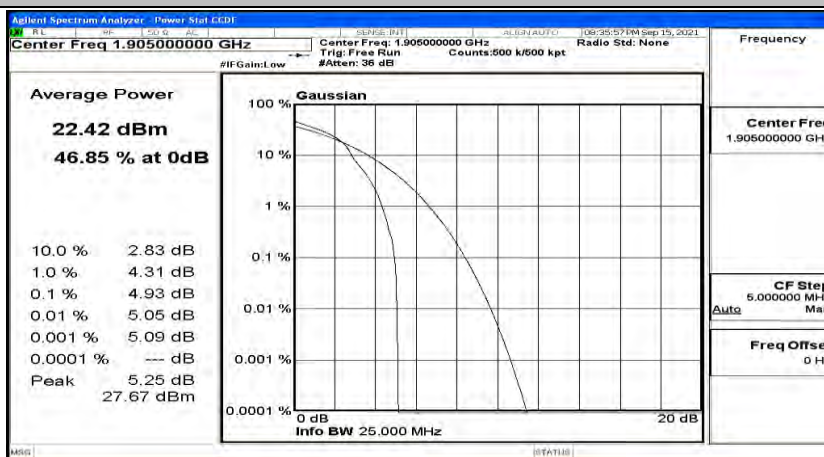
Channel Bandwidth: 10 MHz_LCH_16QAM



Channel Bandwidth: 10 MHz_MCH_16QAM



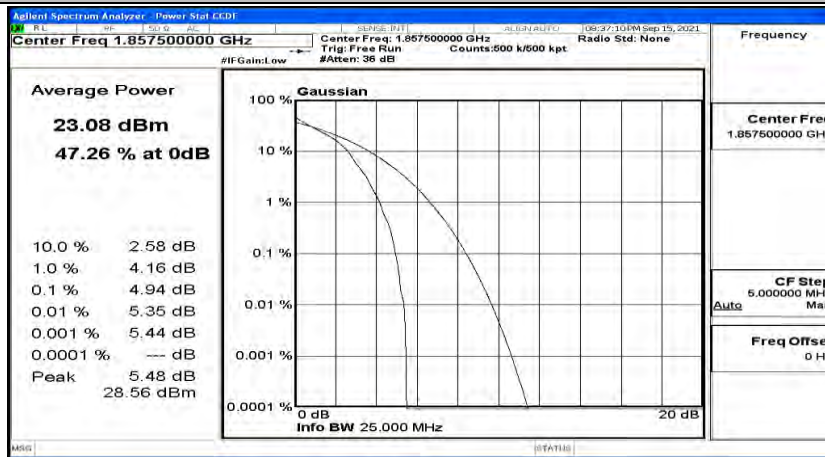
Channel Bandwidth: 10 MHz_HCH_16QAM



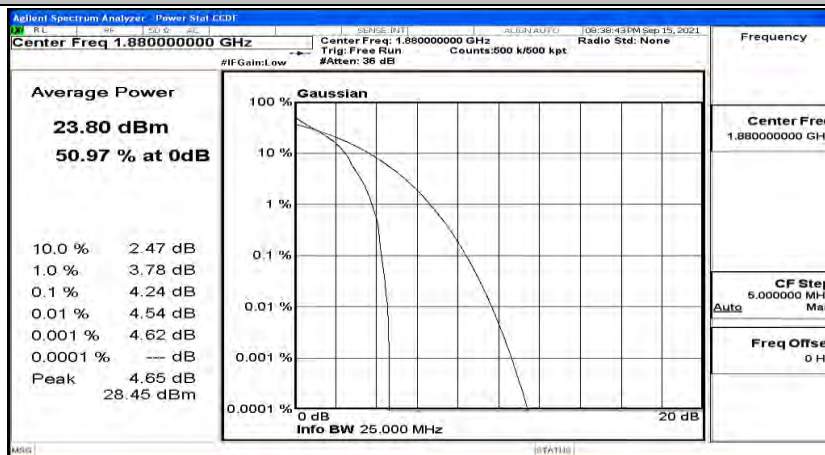


Channel Bandwidth: 15 MHz

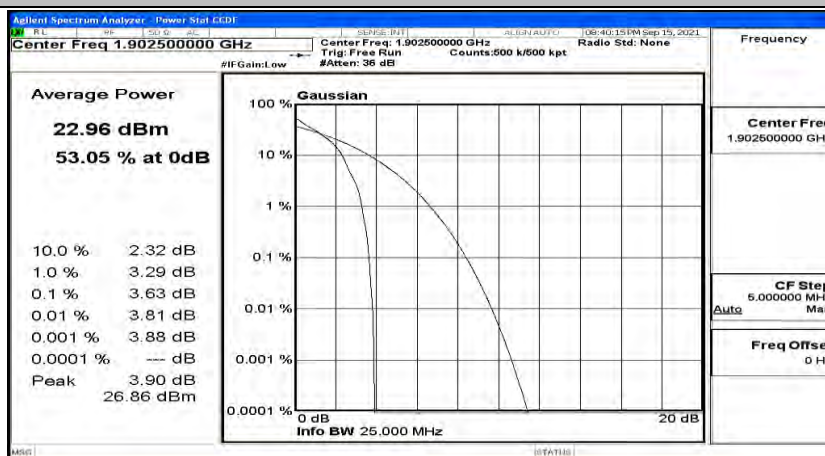
(Channel Bandwidth:15 MHz)_LCH_QPSK



(Channel Bandwidth:15 MHz)_MCH_QPSK

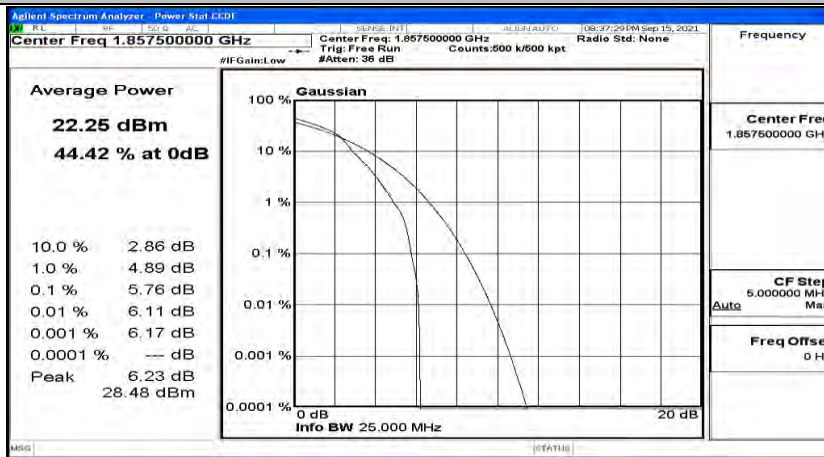


(Channel Bandwidth:15 MHz)_HCH_QPSK

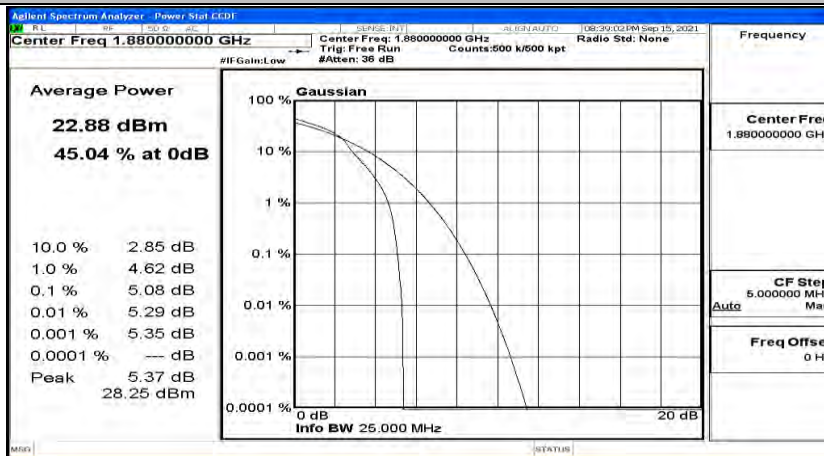




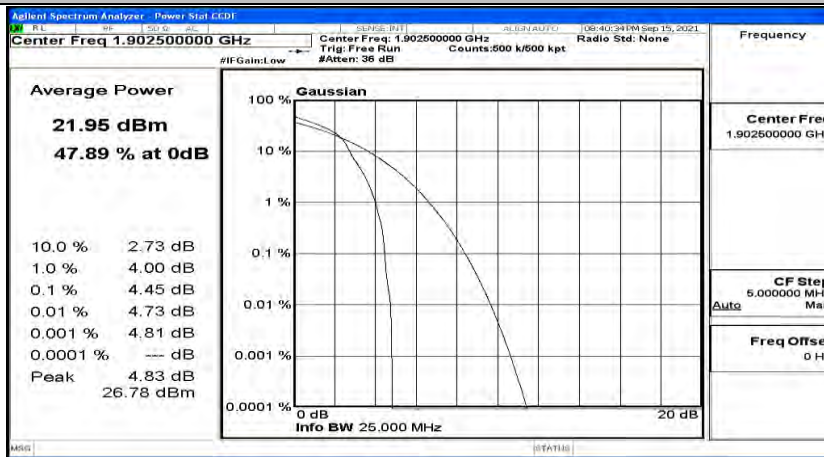
(Channel Bandwidth:15 MHz)_LCH_16QAM



(Channel Bandwidth:15 MHz)_MCH_16QAM



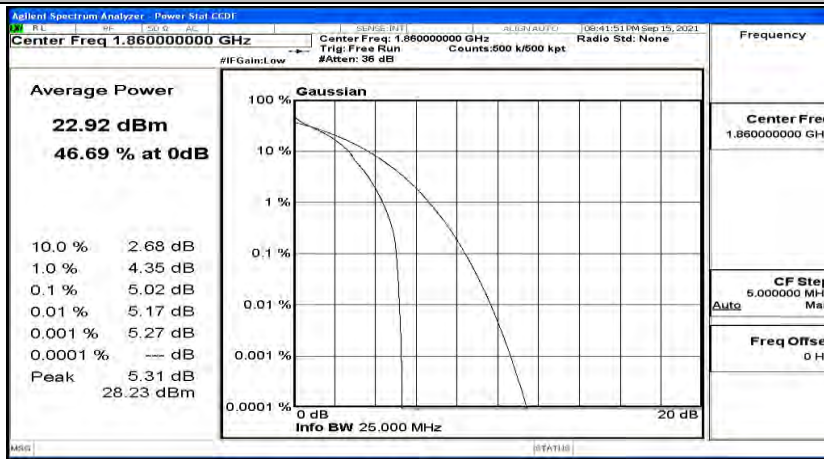
(Channel Bandwidth:15 MHz)_HCH_16QAM



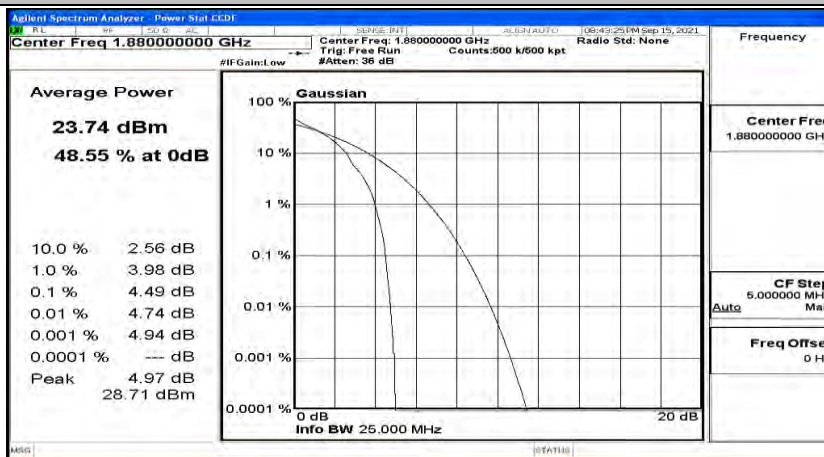


Channel Bandwidth: 20 MHz

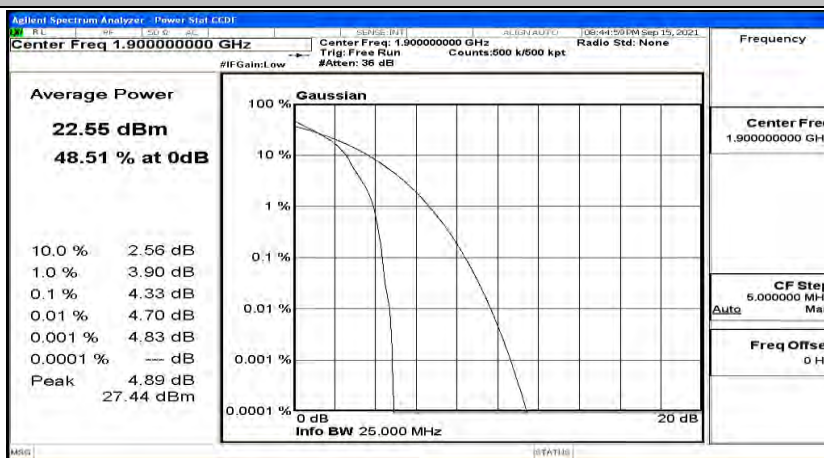
(Channel Bandwidth:20 MHz)_LCH_QPSK



(Channel Bandwidth:20 MHz)_MCH_QPSK

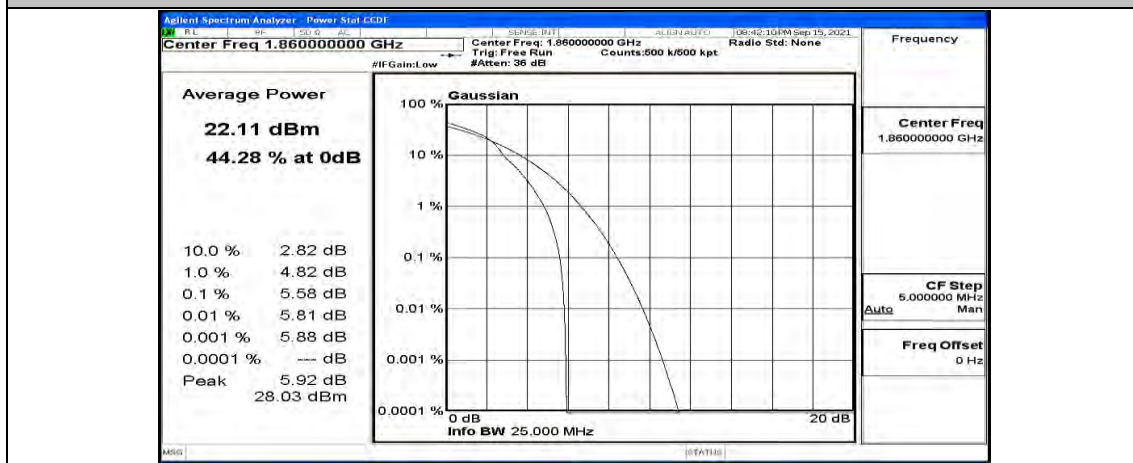


(Channel Bandwidth:20 MHz)_HCH_QPSK

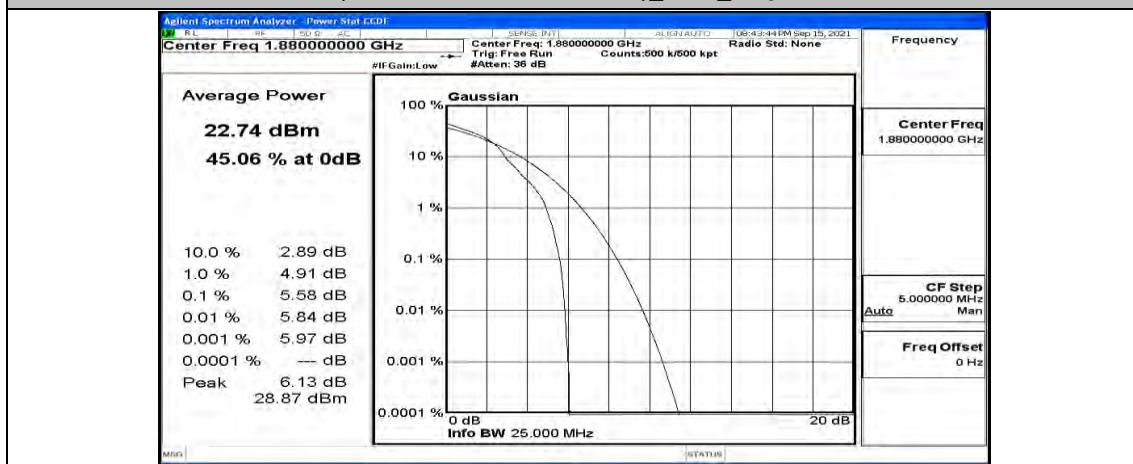




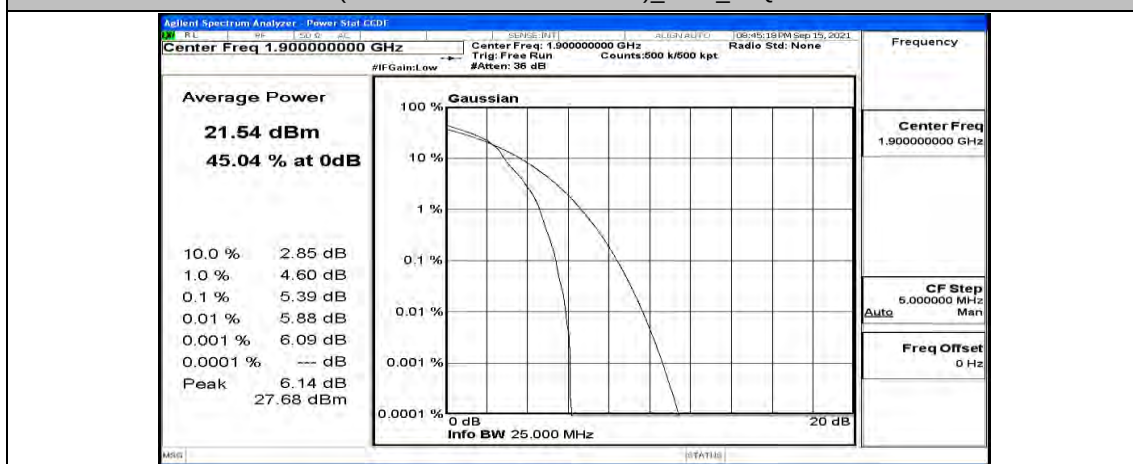
(Channel Bandwidth:20 MHz)_LCH_16QAM



(Channel Bandwidth:20 MHz)_MCH_16QAM



(Channel Bandwidth:20 MHz)_HCH_16QAM





A.3 26dB Bandwidth and Occupied Bandwidth

Test Result

Channel Bandwidth: 1.4 MHz

EBW & OBW Test Result (Channel Bandwidth: 1.4 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	1.0768	1.214	PASS
	MCH	1.0748	1.206	PASS
	HCH	1.0826	1.239	PASS
16QAM	LCH	1.0771	1.188	PASS
	MCH	1.0769	1.239	PASS
	HCH	1.0800	1.227	PASS

EBW & OBW Test Result (Channel Bandwidth: 3 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	2.6849	2.832	PASS
	MCH	2.6845	2.829	PASS
	HCH	2.6756	2.817	PASS
16QAM	LCH	2.6756	2.817	PASS
	MCH	2.6788	2.829	PASS
	HCH	2.6786	2.842	PASS

EBW & OBW Test Result (Channel Bandwidth: 5 MHz)				
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	4.4797	4.762	PASS
	MCH	4.4836	4.748	PASS
	HCH	4.4740	4.737	PASS
16QAM	LCH	4.4694	4.723	PASS
	MCH	4.4745	4.780	PASS
	HCH	4.4795	4.713	PASS

**EBW & OBW Test Result (Channel Bandwidth: 10 MHz)**

Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	8.9397	9.403	PASS
	MCH	8.9452	9.346	PASS
	HCH	8.9381	9.350	PASS
16QAM	LCH	8.9267	9.366	PASS
	MCH	8.9523	9.381	PASS
	HCH	8.9343	9.405	PASS

EBW & OBW Test Result (Channel Bandwidth: 15 MHz)

Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	13.384	14.01	PASS
	MCH	13.418	13.94	PASS
	HCH	13.412	13.98	PASS
16QAM	LCH	13.389	13.98	PASS
	MCH	13.407	14.01	PASS
	HCH	13.409	13.99	PASS

EBW & OBW Test Result (Channel Bandwidth: 20 MHz)

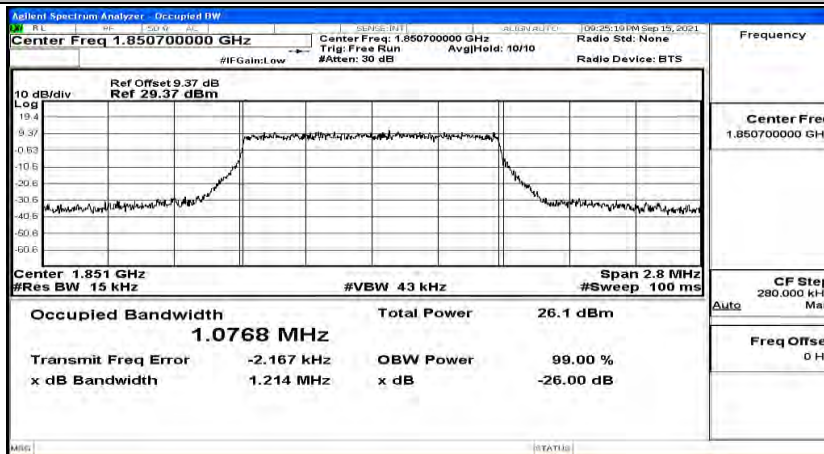
Modulation	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
QPSK	LCH	17.852	18.54	PASS
	MCH	17.861	18.55	PASS
	HCH	17.858	18.56	PASS
16QAM	LCH	17.839	18.51	PASS
	MCH	17.892	18.59	PASS
	HCH	17.860	18.59	PASS



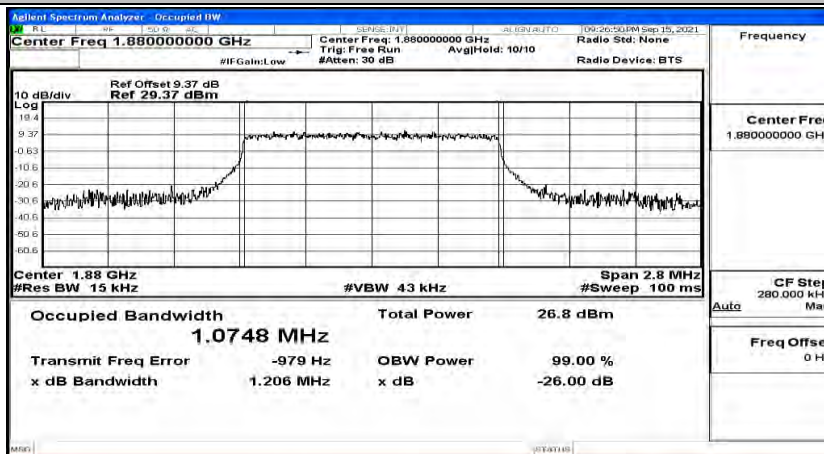
Test Graphs

Channel Bandwidth: 1.4 MHz

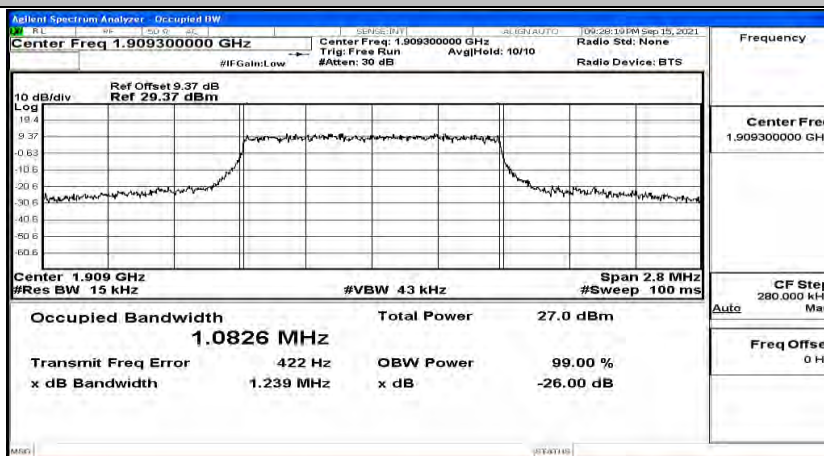
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK



(Channel Bandwidth: 1.4 MHz)_MCH_QPSK

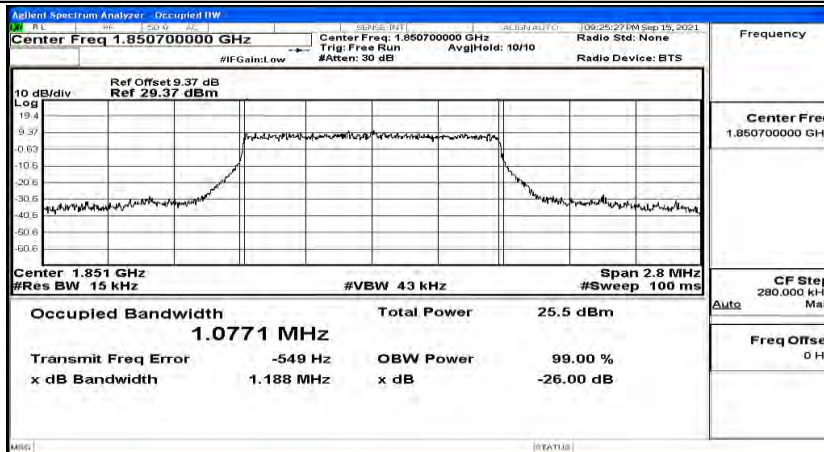


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK

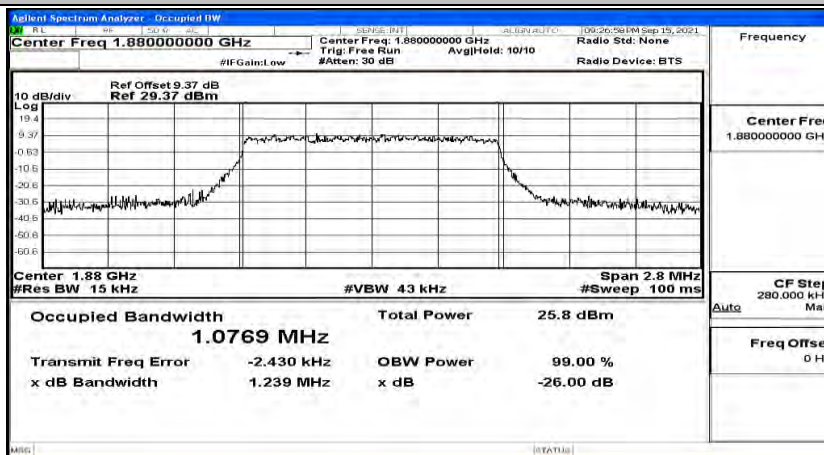




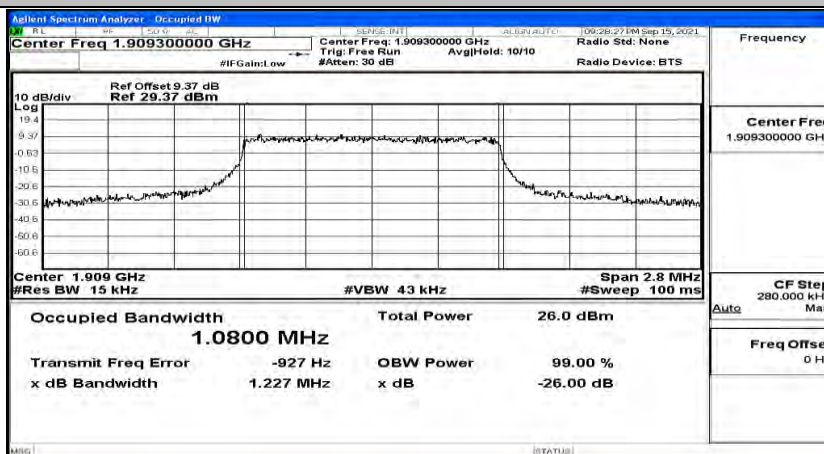
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM



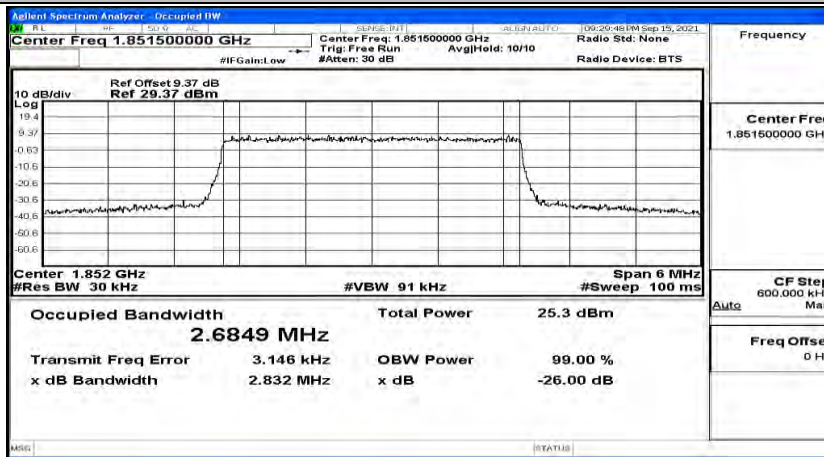
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM



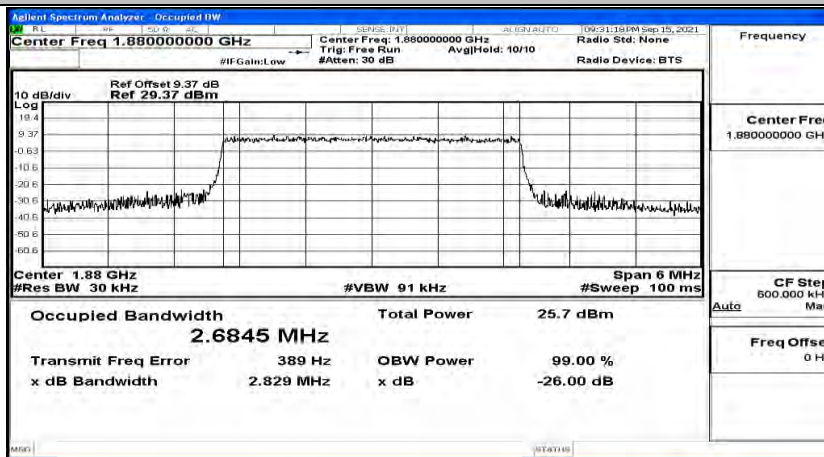


Channel Bandwidth: 3 MHz

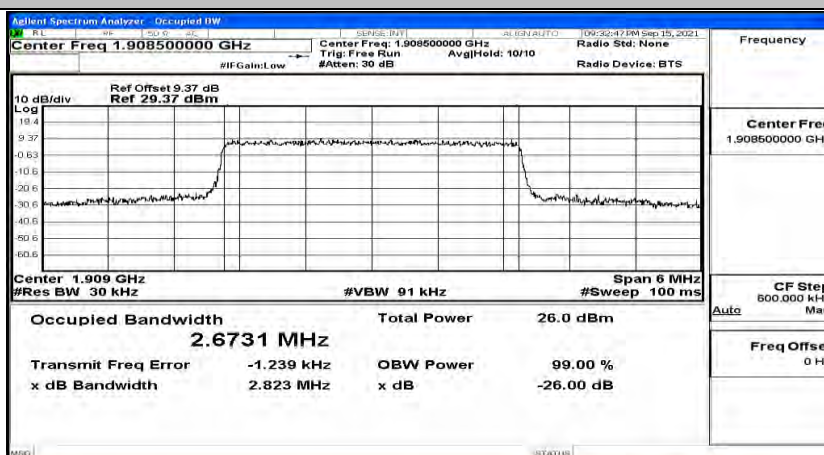
(Channel Bandwidth: 3 MHz)_LCH_QPSK



(Channel Bandwidth: 3 MHz)_MCH_QPSK

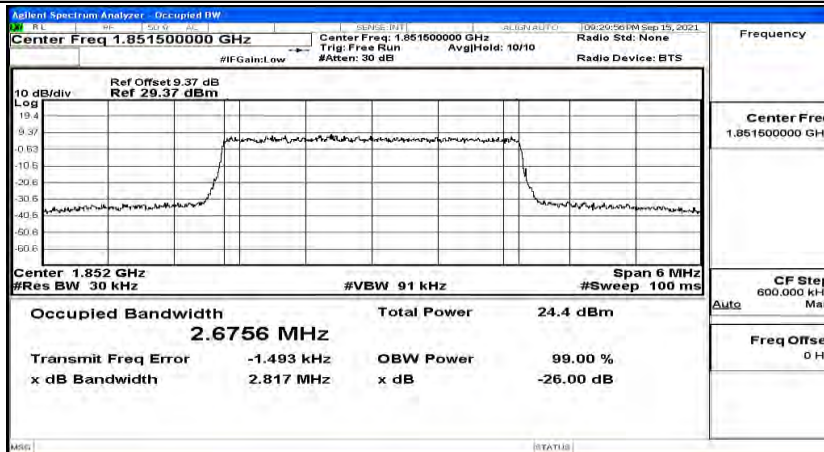


(Channel Bandwidth: 3 MHz)_HCH_QPSK

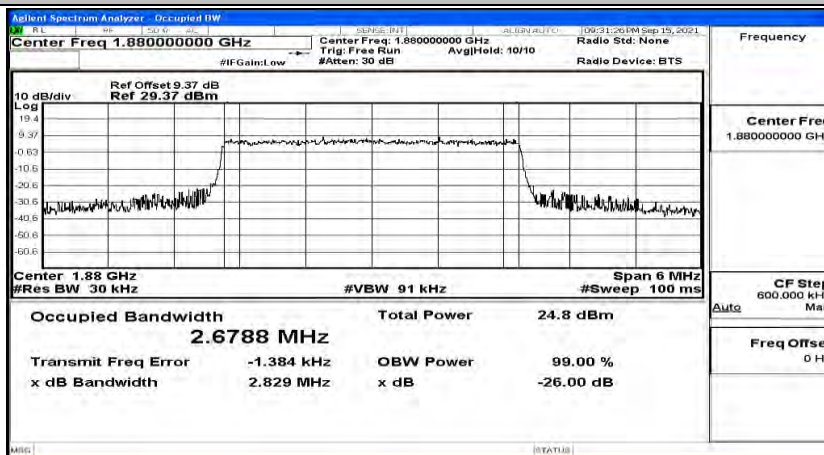




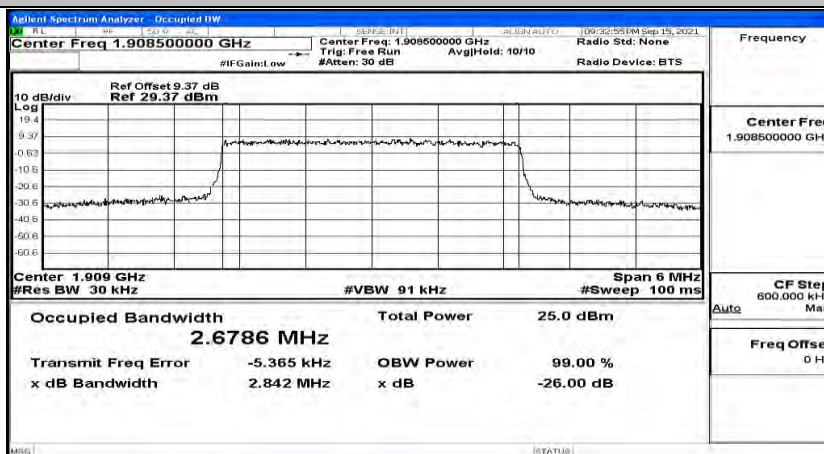
(Channel Bandwidth: 3 MHz)_LCH_16QAM



(Channel Bandwidth: 3 MHz)_MCH_16QAM



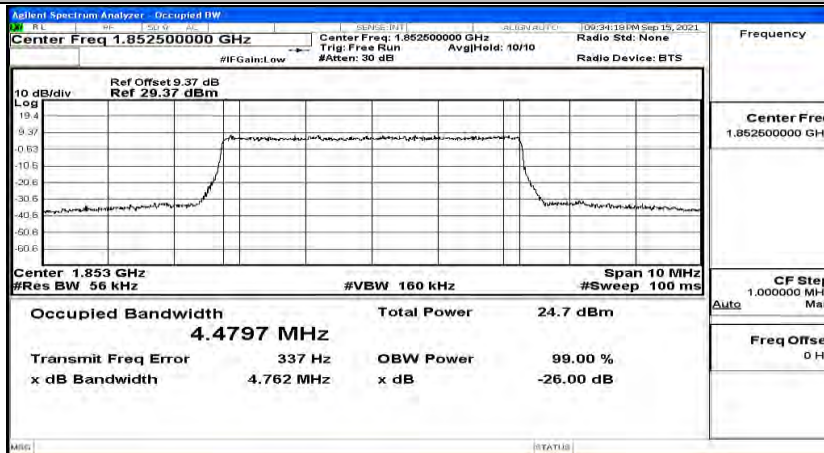
(Channel Bandwidth: 3 MHz)_HCH_16QAM



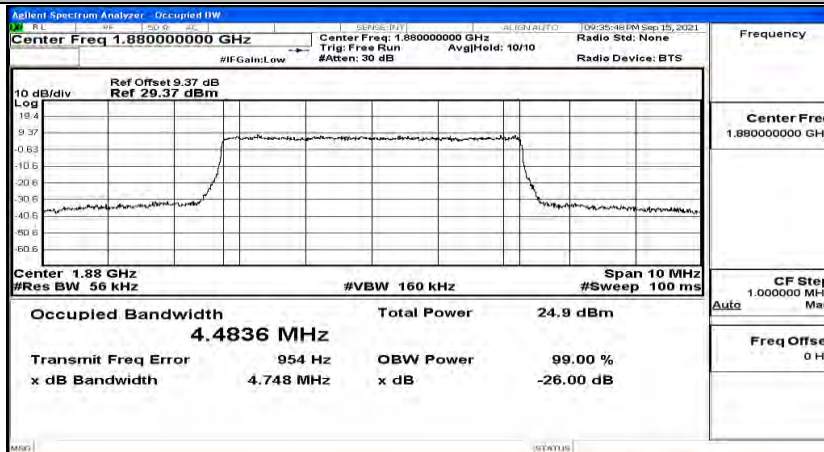


Channel Bandwidth: 5 MHz

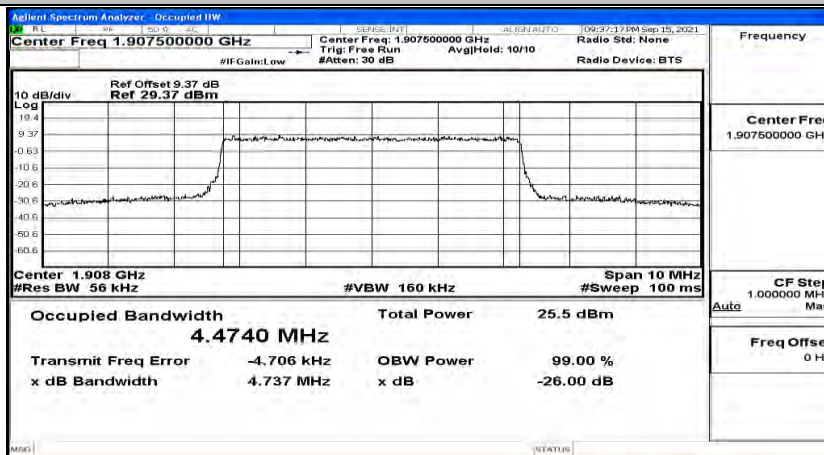
(Channel Bandwidth: 5 MHz)_LCH_QPSK



(Channel Bandwidth: 5 MHz)_MCH_QPSK

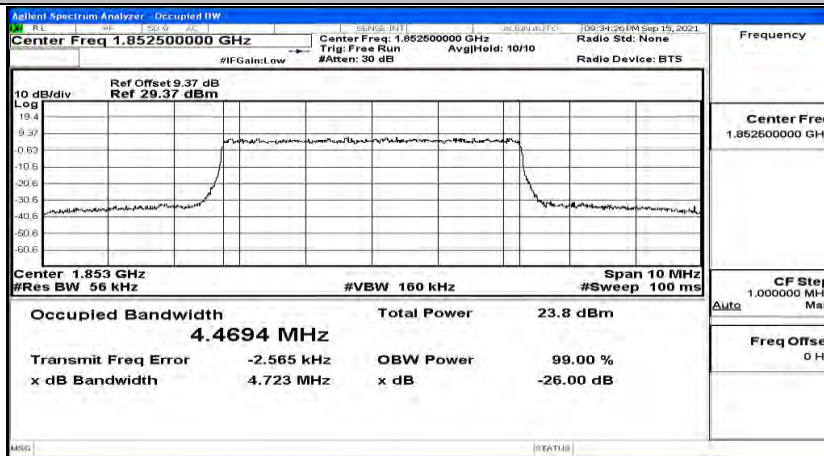


(Channel Bandwidth: 5 MHz)_HCH_QPSK

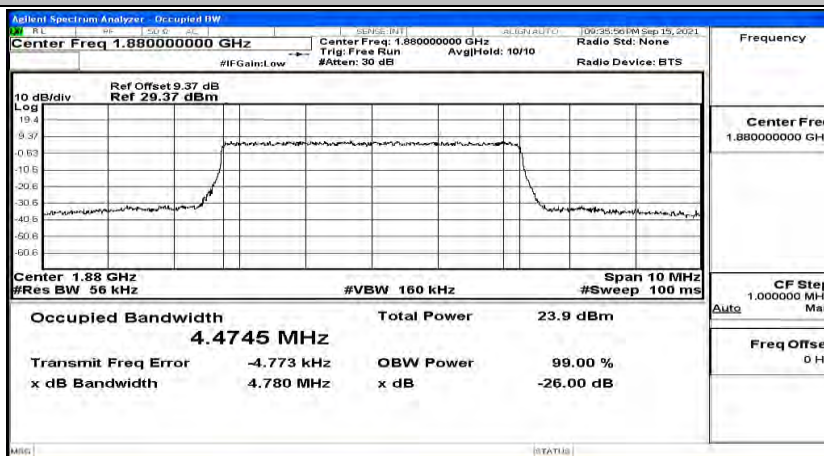




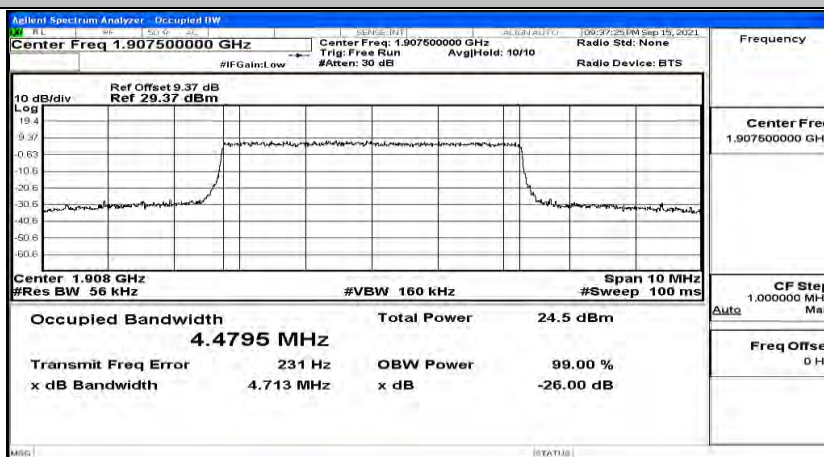
(Channel Bandwidth: 5 MHz)_LCH_16QAM



(Channel Bandwidth: 5 MHz)_MCH_16QAM



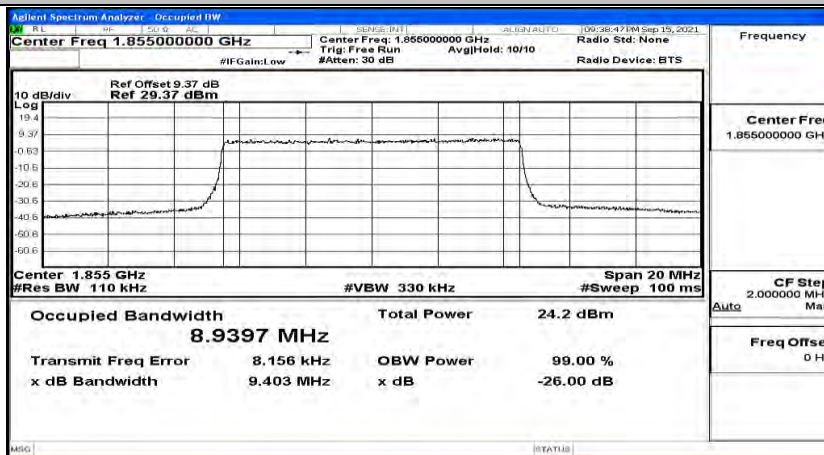
(Channel Bandwidth: 5 MHz)_HCH_16QAM



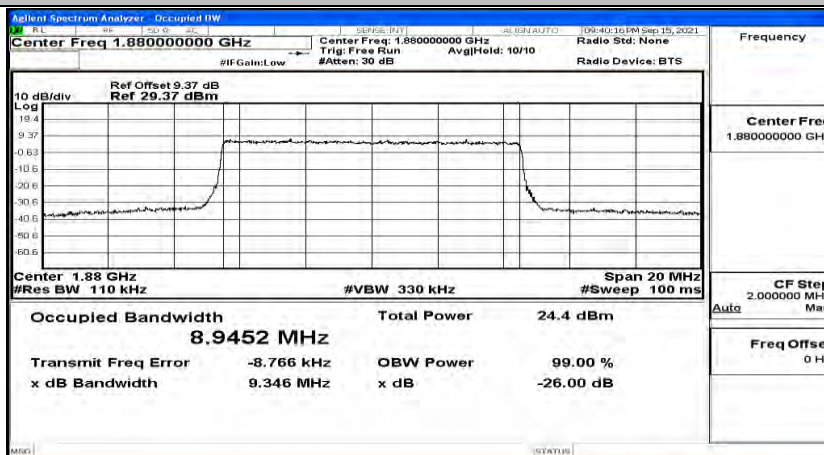


Channel Bandwidth: 10 MHz

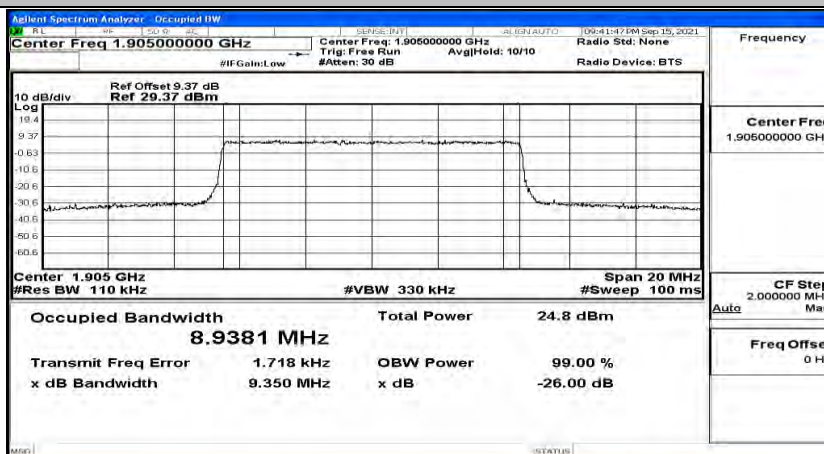
Channel Bandwidth: 10 MHz_LCH_QPSK



Channel Bandwidth: 10 MHz_MCH_QPSK

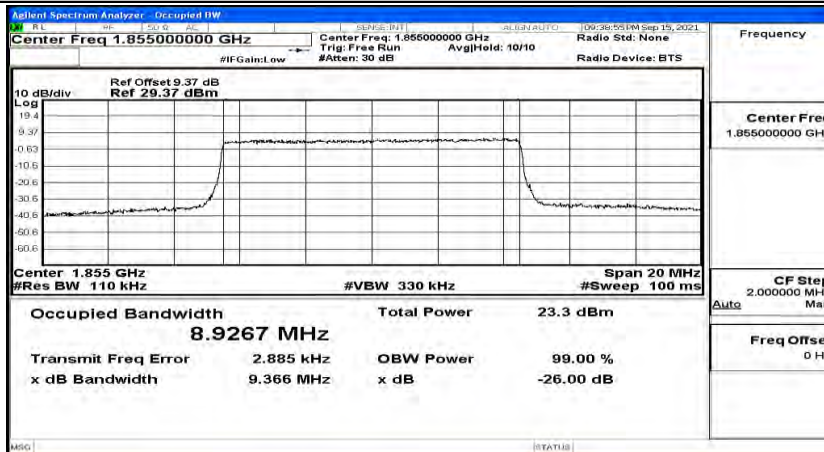


Channel Bandwidth: 10 MHz_HCH_QPSK

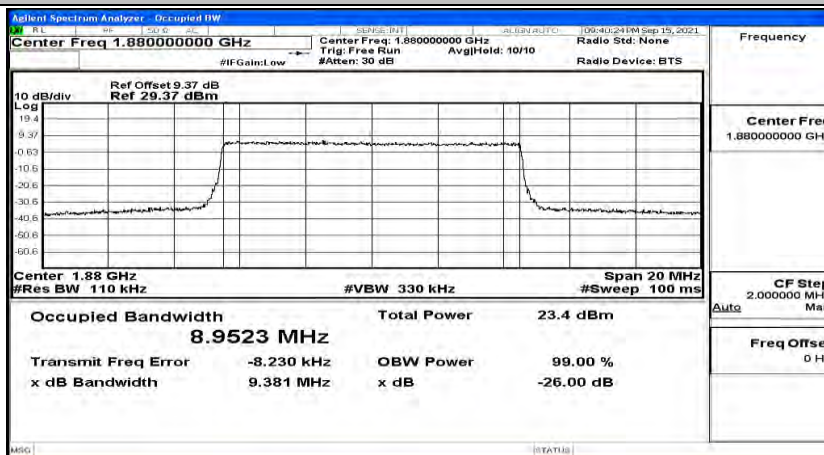




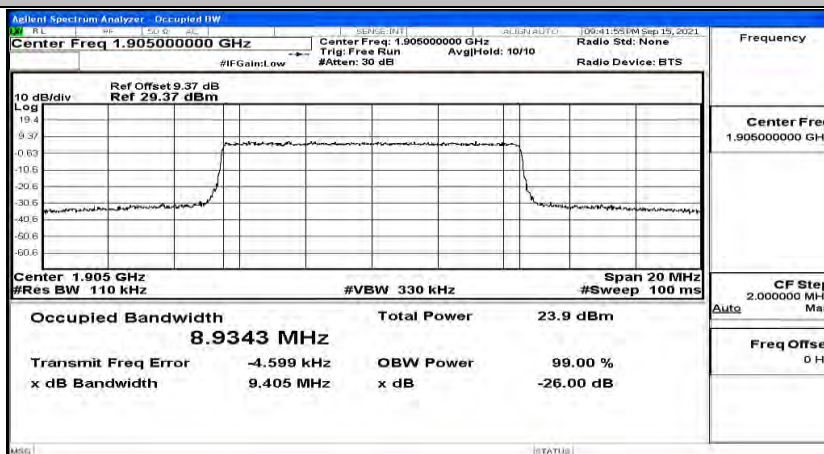
Channel Bandwidth: 10 MHz_LCH_16QAM



Channel Bandwidth: 10 MHz_MCH_16QAM



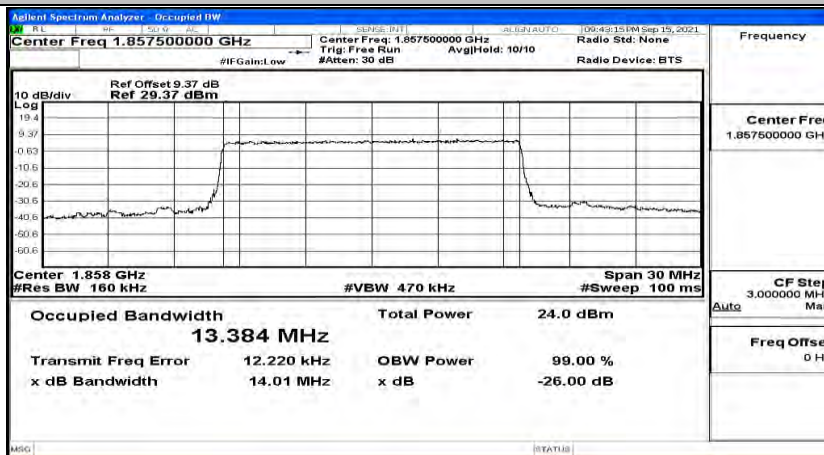
Channel Bandwidth: 10 MHz_HCH_16QAM



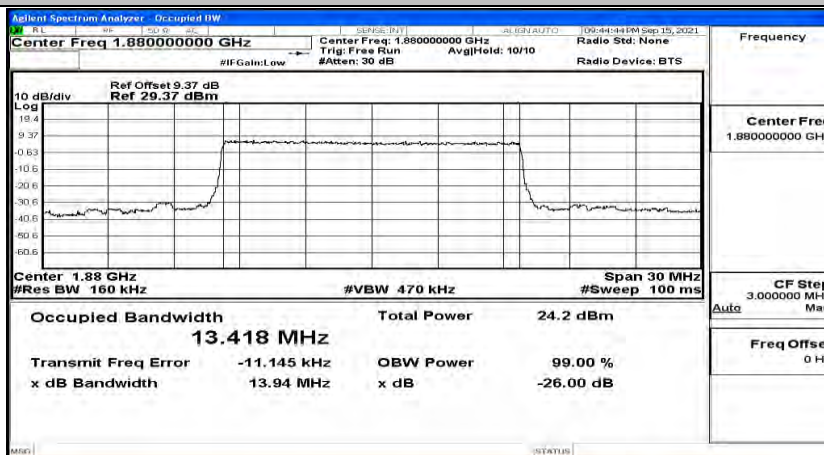


Channel Bandwidth: 15 MHz

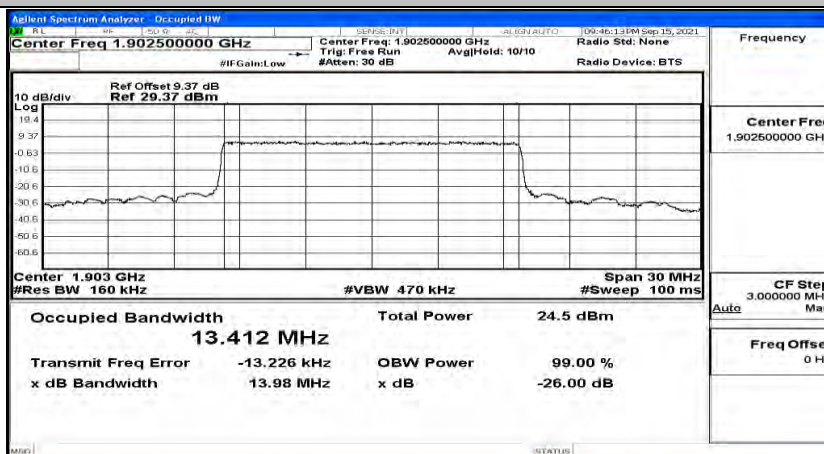
(Channel Bandwidth:15 MHz)_LCH_QPSK



(Channel Bandwidth:15 MHz)_MCH_QPSK

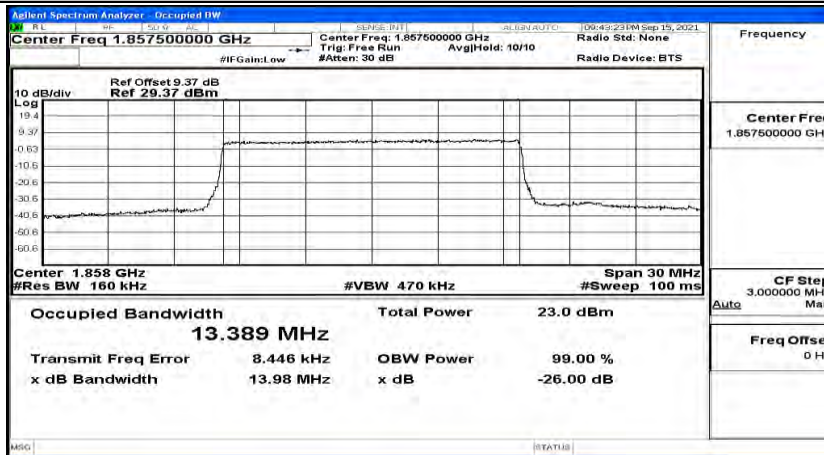


(Channel Bandwidth:15 MHz)_HCH_QPSK

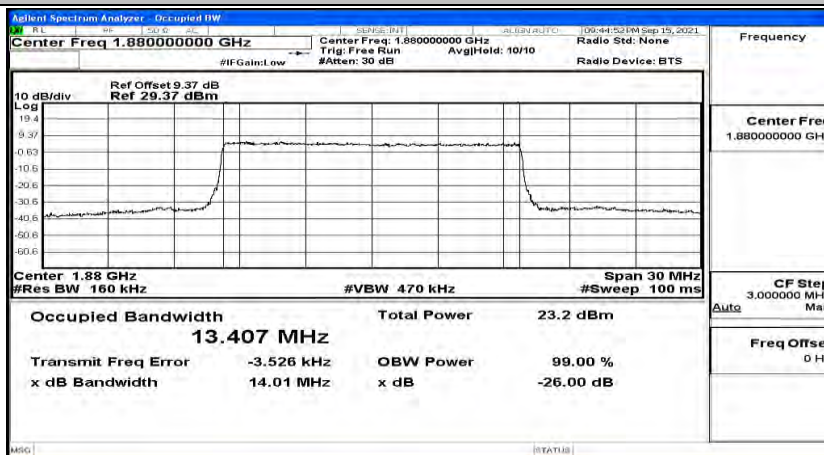




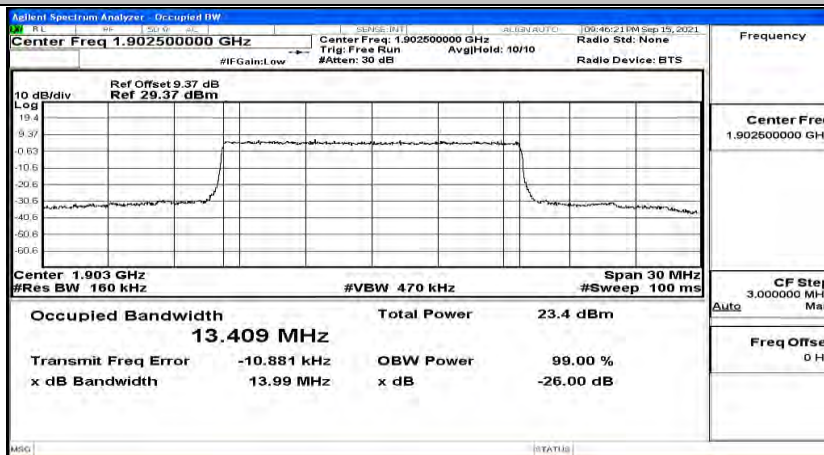
(Channel Bandwidth:15 MHz)_LCH_16QAM



(Channel Bandwidth:15 MHz)_MCH_16QAM



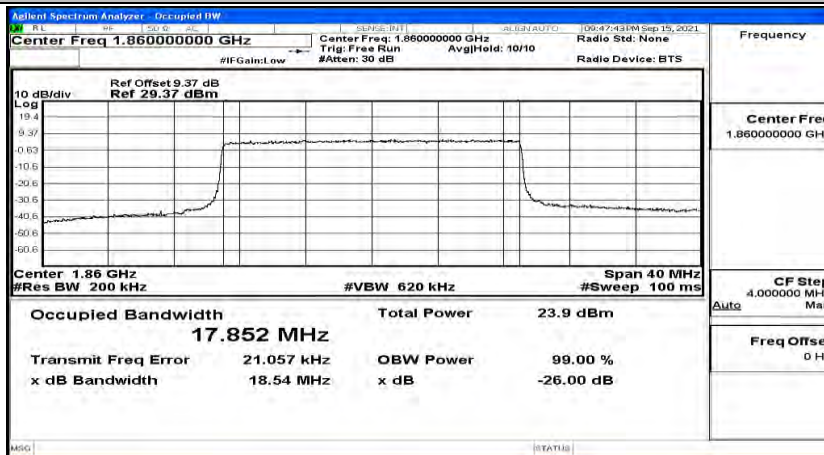
(Channel Bandwidth:15 MHz)_HCH_16QAM



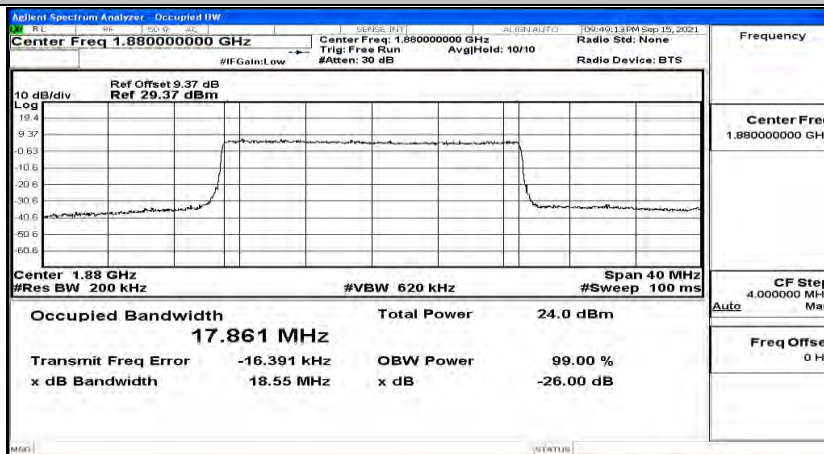


Channel Bandwidth: 20 MHz

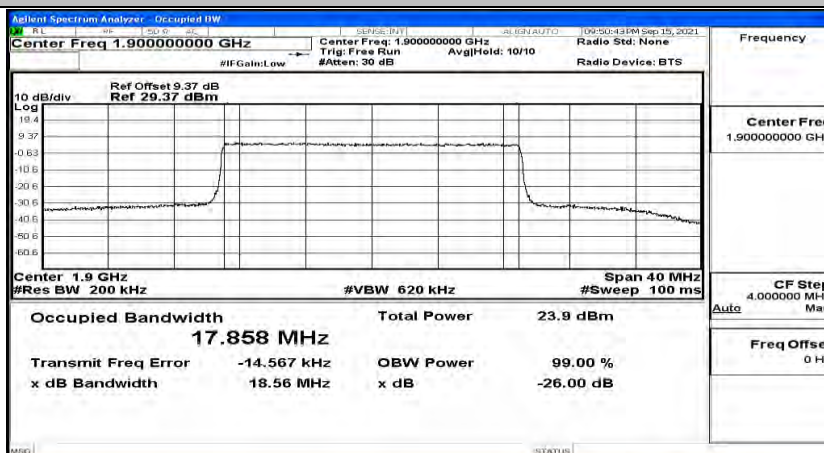
(Channel Bandwidth:20 MHz)_LCH_QPSK



(Channel Bandwidth:20 MHz)_MCH_QPSK

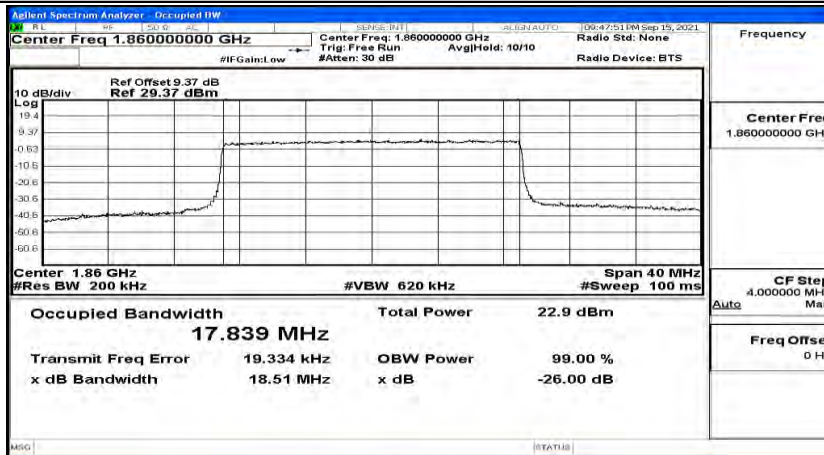


(Channel Bandwidth:20 MHz)_HCH_QPSK

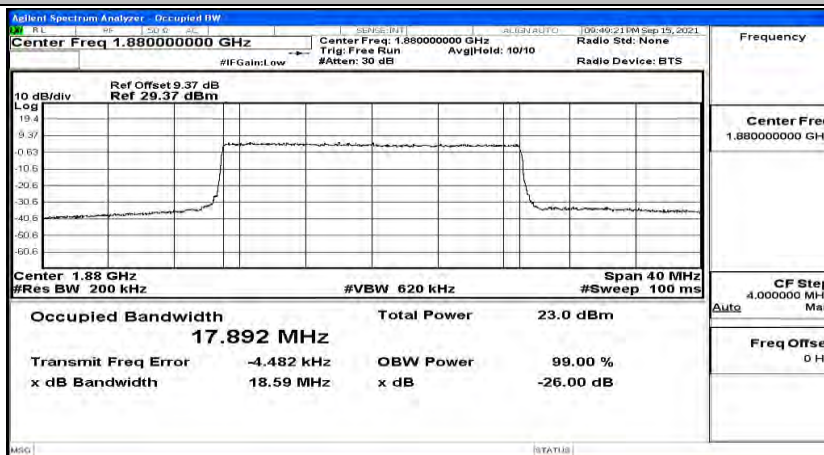




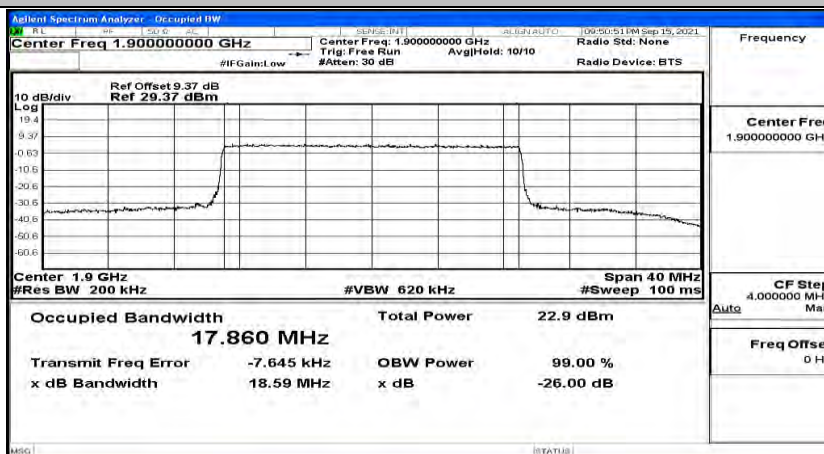
(Channel Bandwidth:20 MHz)_LCH_16QAM



(Channel Bandwidth:20 MHz)_MCH_16QAM



(Channel Bandwidth:20 MHz)_HCH_16QAM



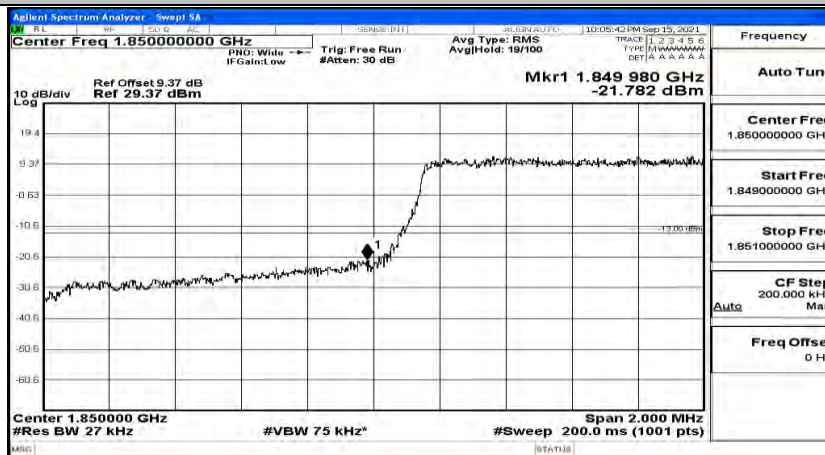


A.4 Band Edge

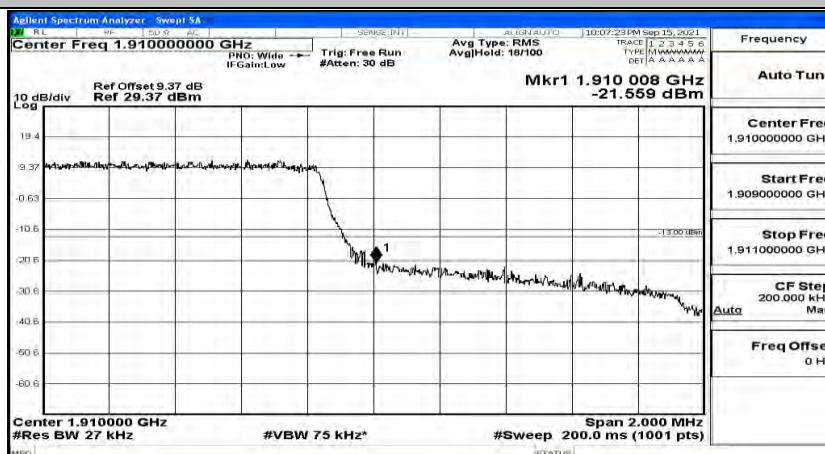
Test Graphs

Channel Bandwidth: 1.4 MHz

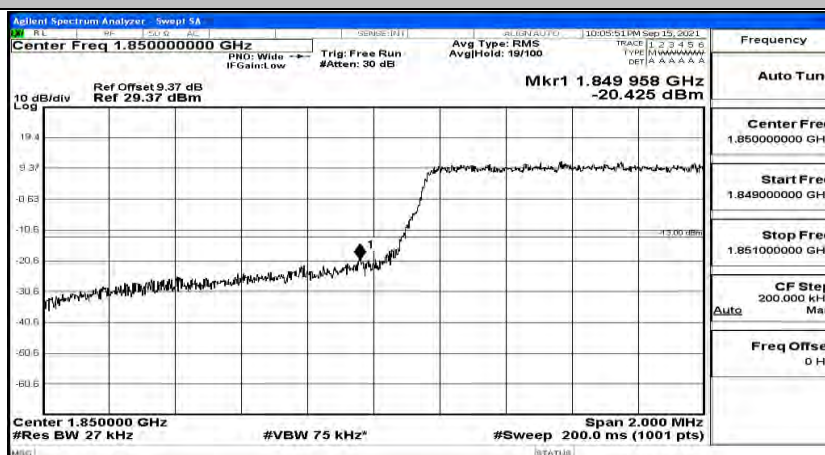
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK



(Channel Bandwidth: 1.4 MHz)_HCH_QPSK



(Channel Bandwidth: 1.4 MHz)_LCH_16QAM





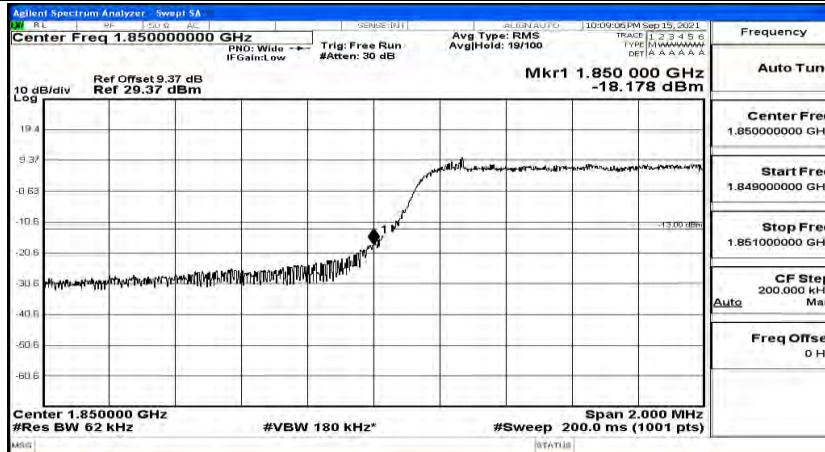
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM



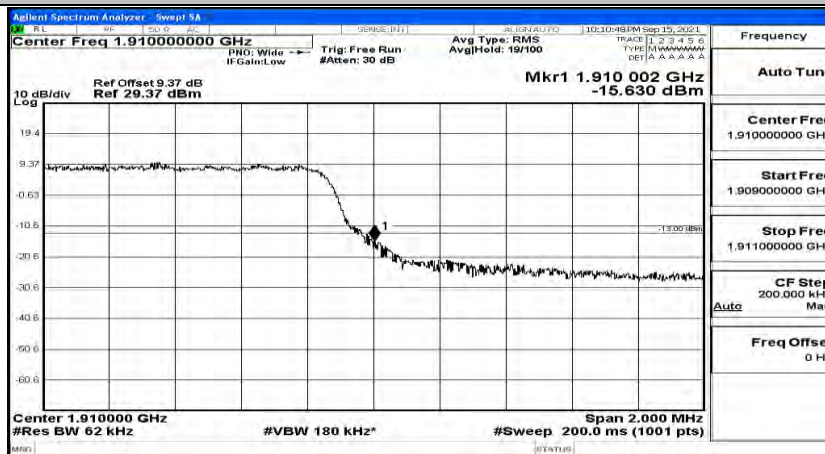


Channel Bandwidth: 3 MHz

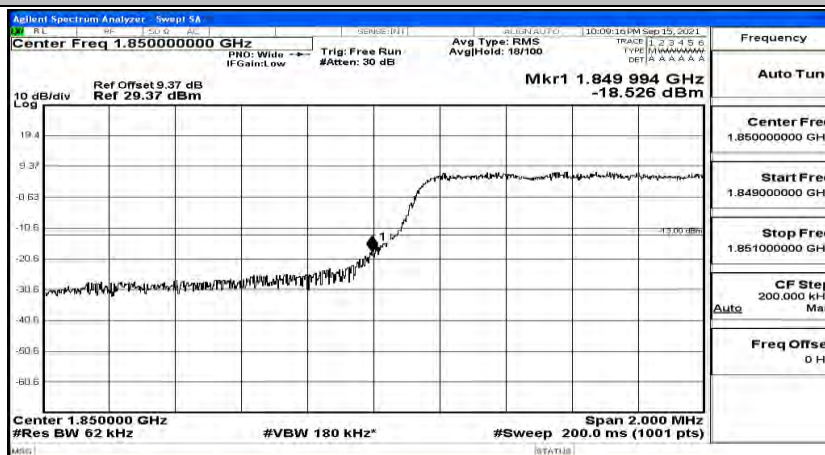
(Channel Bandwidth: 3 MHz)_LCH_QPSK



(Channel Bandwidth: 3 MHz)_HCH_QPSK



(Channel Bandwidth: 3 MHz)_LCH_16QAM

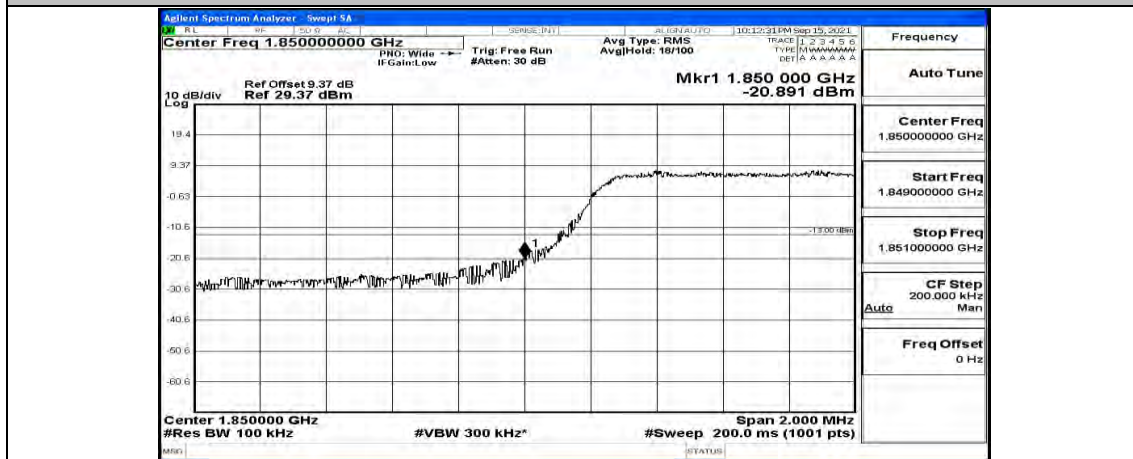


(Channel Bandwidth: 3 MHz)_HCH_16QAM

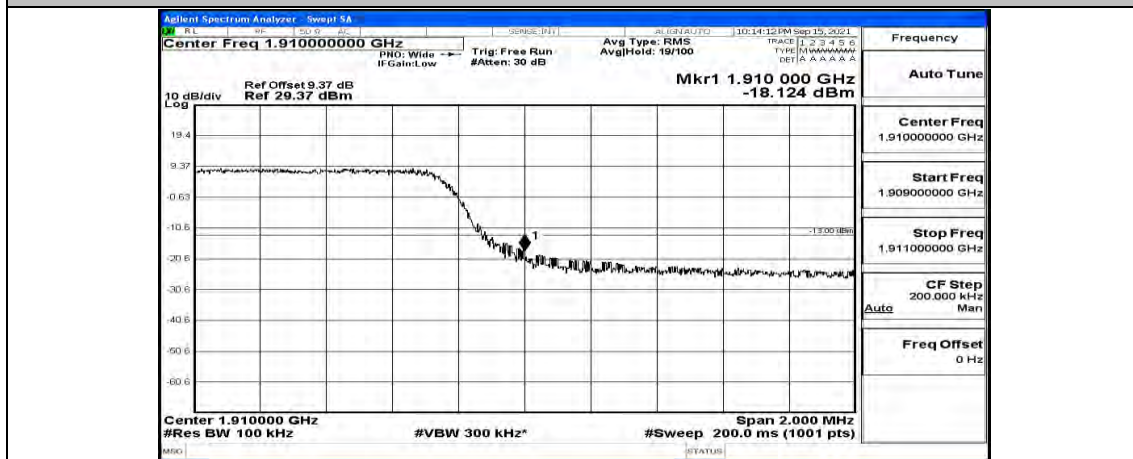


Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK

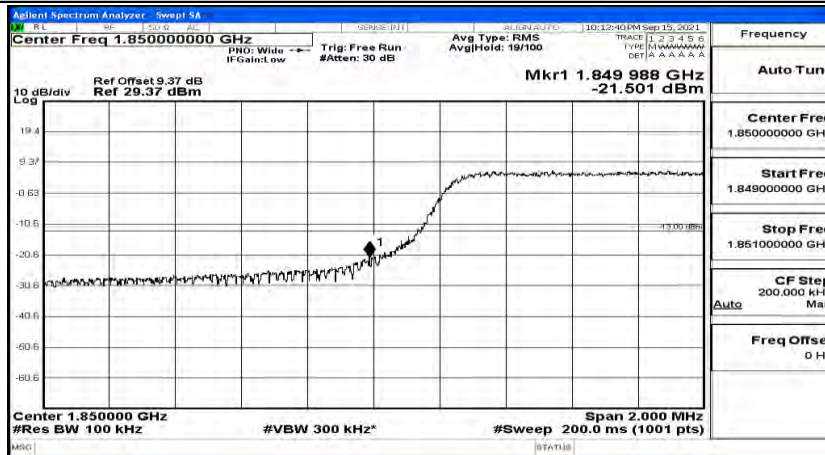


(Channel Bandwidth: 5 MHz)_HCH_QPSK

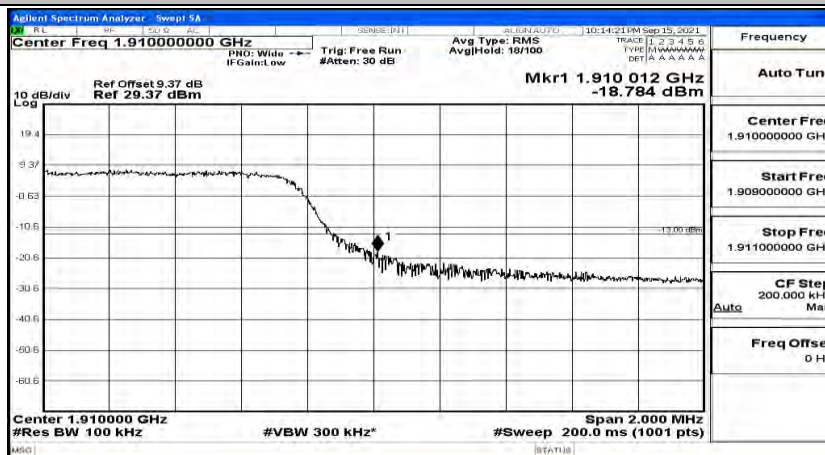




(Channel Bandwidth: 5 MHz)_LCH_16QAM



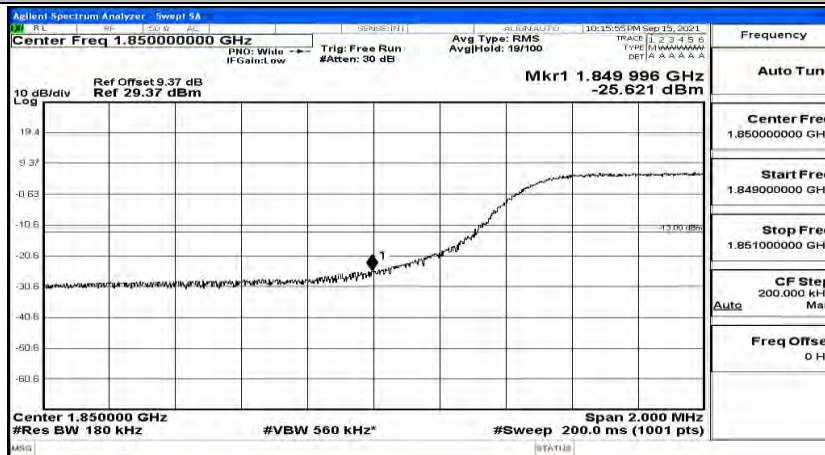
(Channel Bandwidth: 5 MHz)_HCH_16QAM



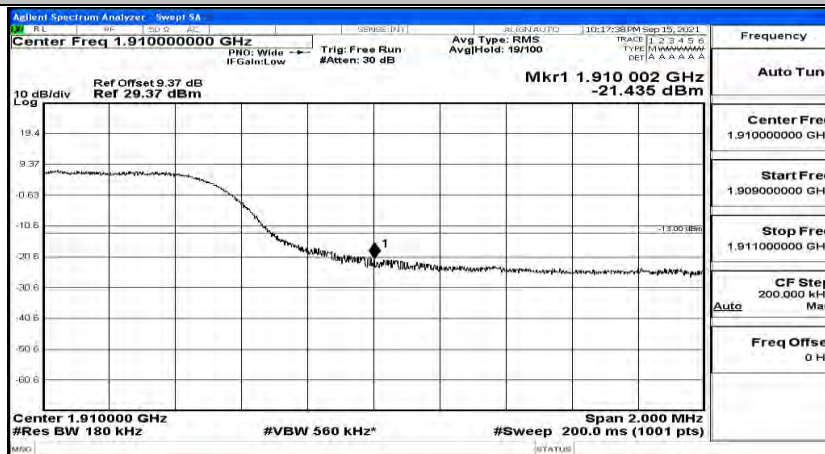


Channel Bandwidth: 10 MHz

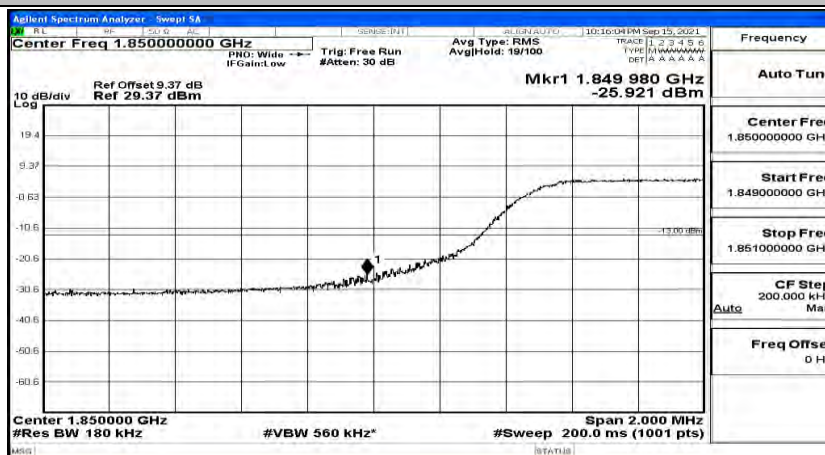
Channel Bandwidth: 10 MHz_LCH_QPSK



Channel Bandwidth: 10 MHz_HCH_QPSK

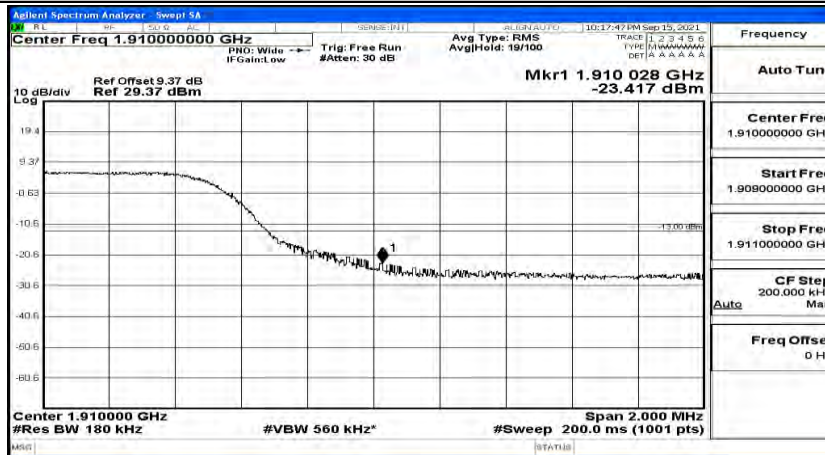


Channel Bandwidth: 10 MHz_LCH_16QAM



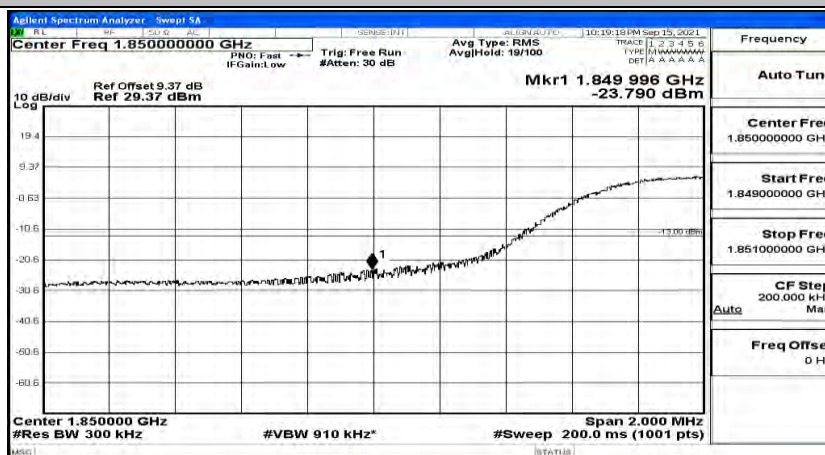


Channel Bandwidth: 10 MHz_HCH_16QAM

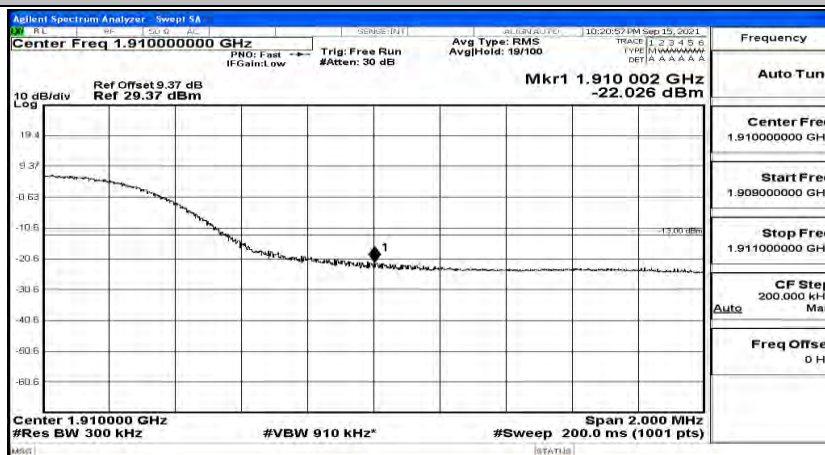


Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK



(Channel Bandwidth:15 MHz)_HCH_QPSK

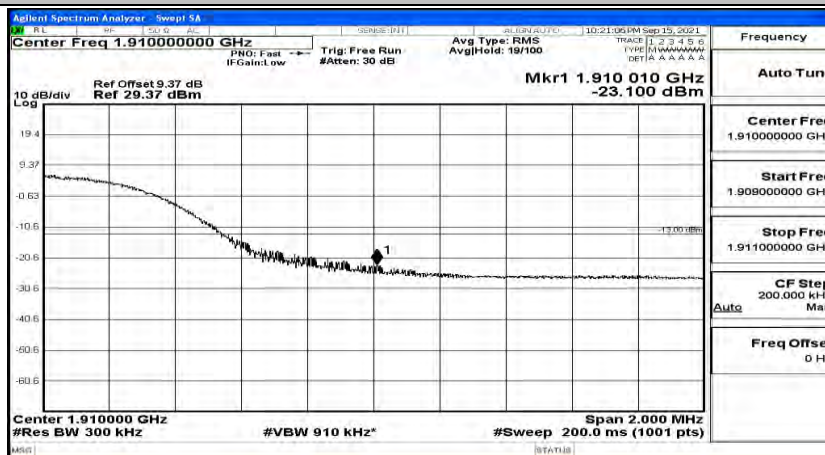




(Channel Bandwidth:15 MHz)_LCH_16QAM

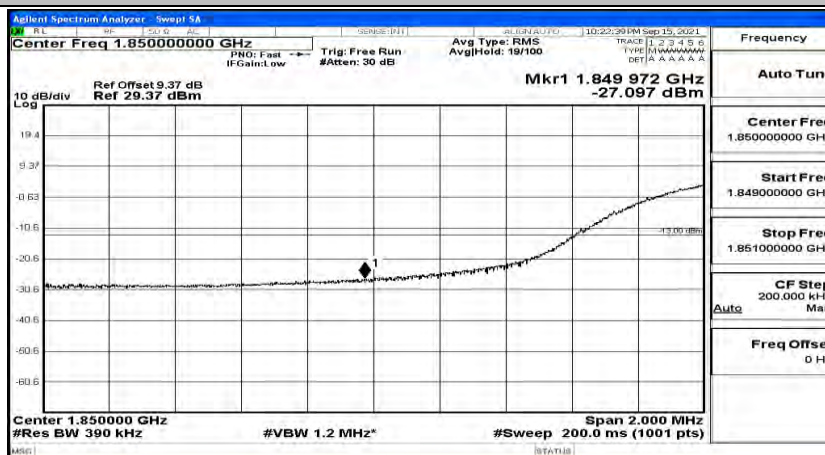


(Channel Bandwidth:15 MHz)_HCH_16QAM



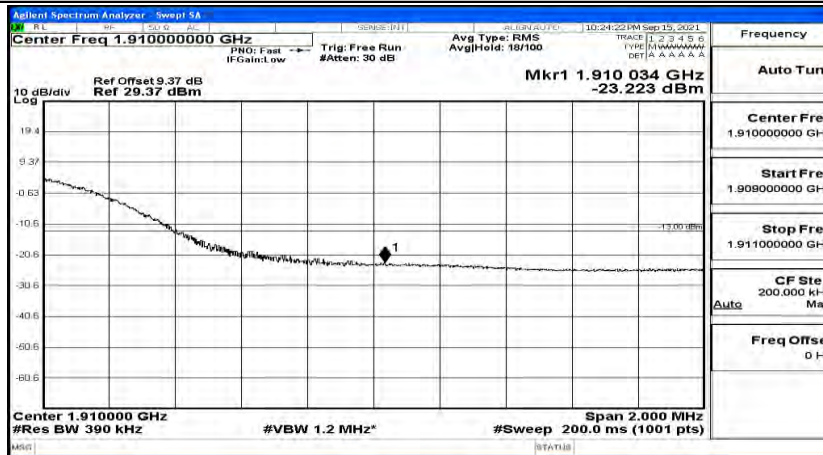
Channel Bandwidth: 20 MHz

(Channel Bandwidth:20 MHz)_LCH_QPSK

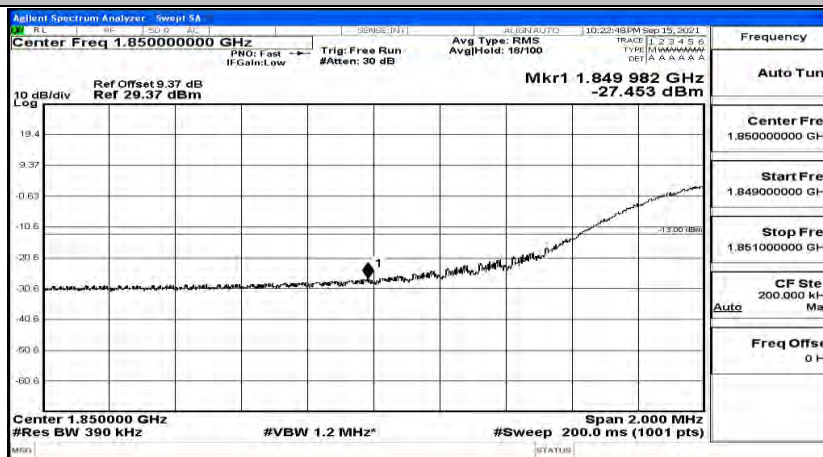




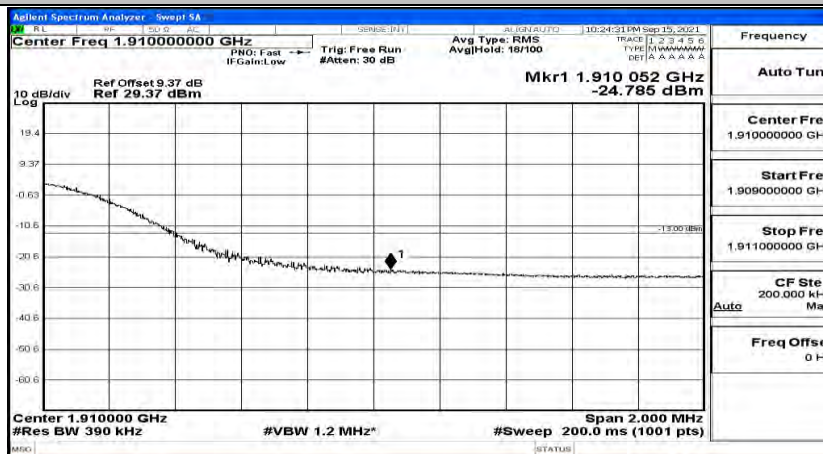
(Channel Bandwidth:20 MHz)_HCH_QPSK



(Channel Bandwidth:20 MHz)_LCH_16QAM



(Channel Bandwidth:20 MHz)_HCH_16QAM



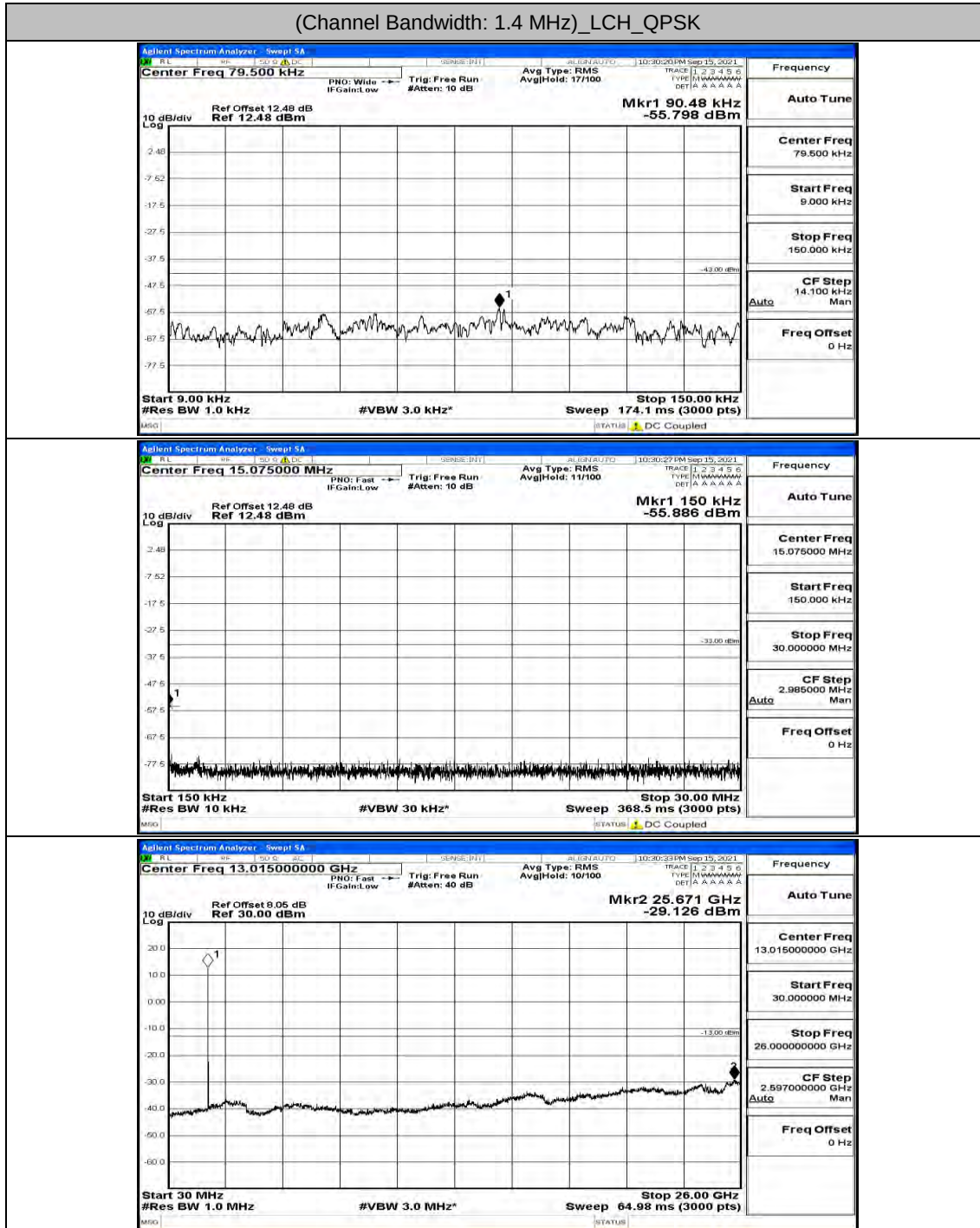


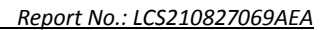
A.5 Conducted Spurious Emission

Test Graphs

Channel Bandwidth: 1.4 MHz

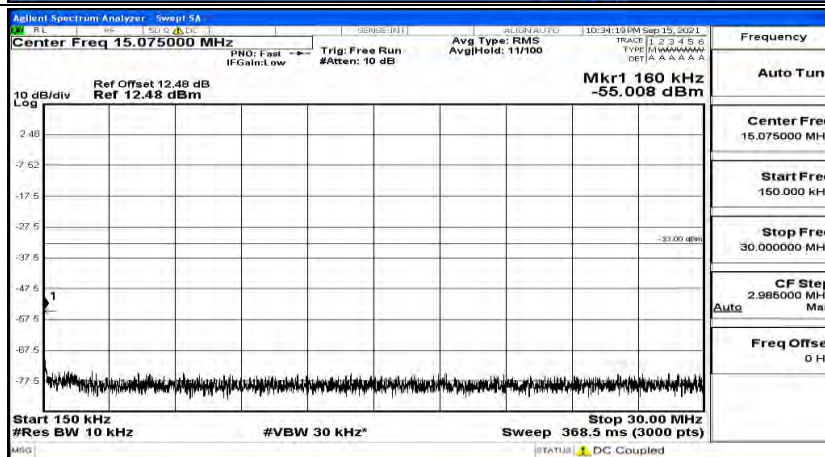
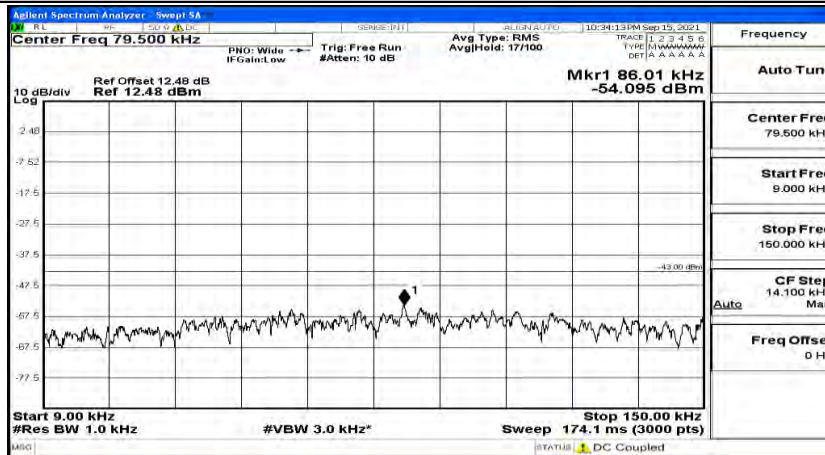
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK





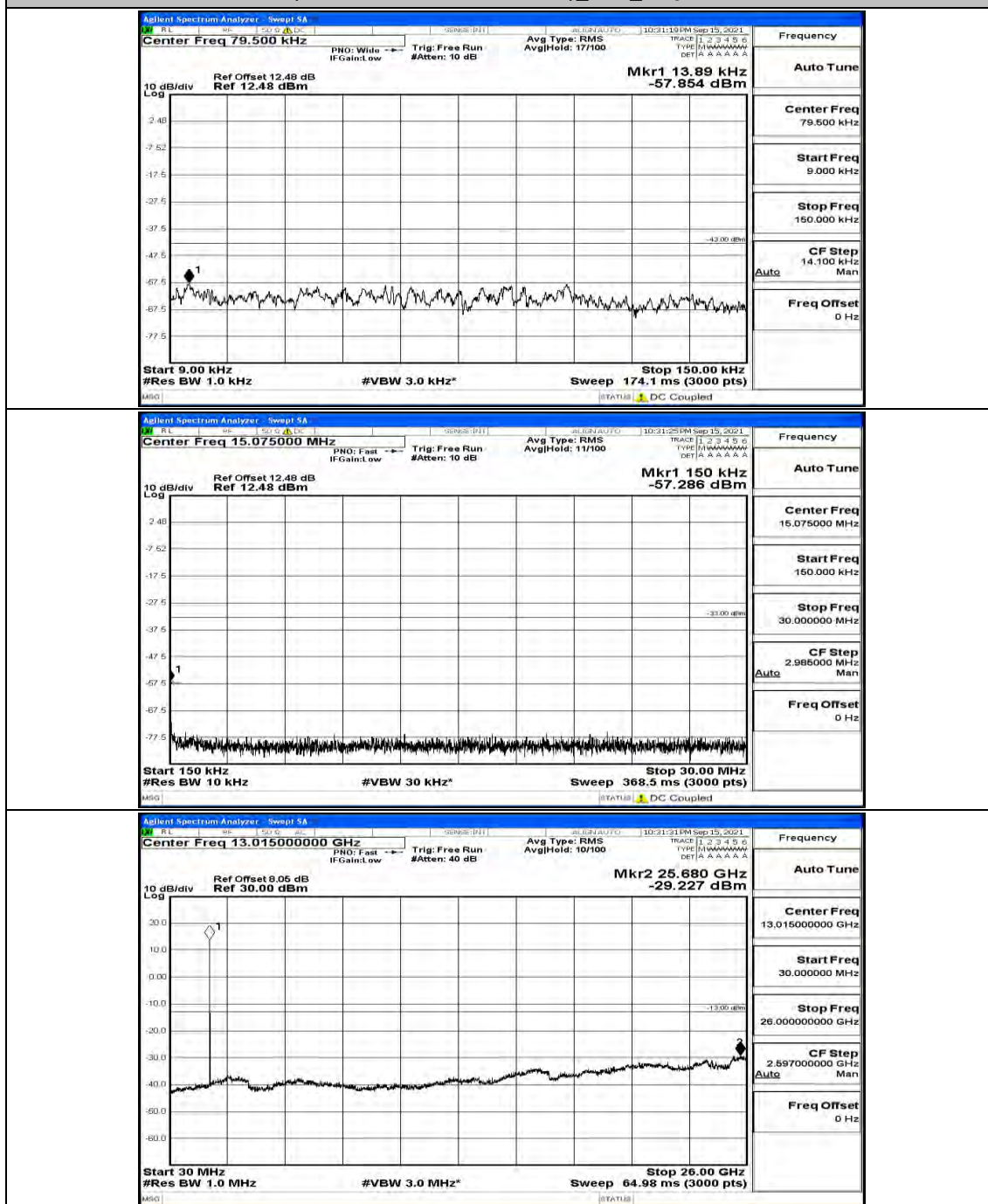


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK



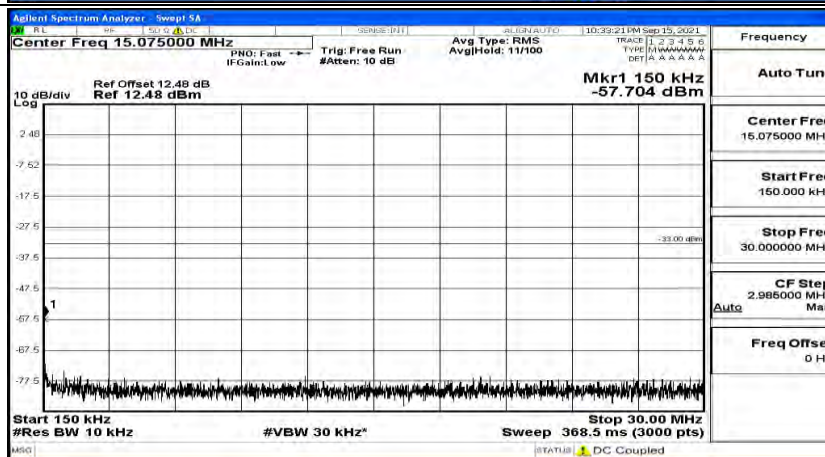
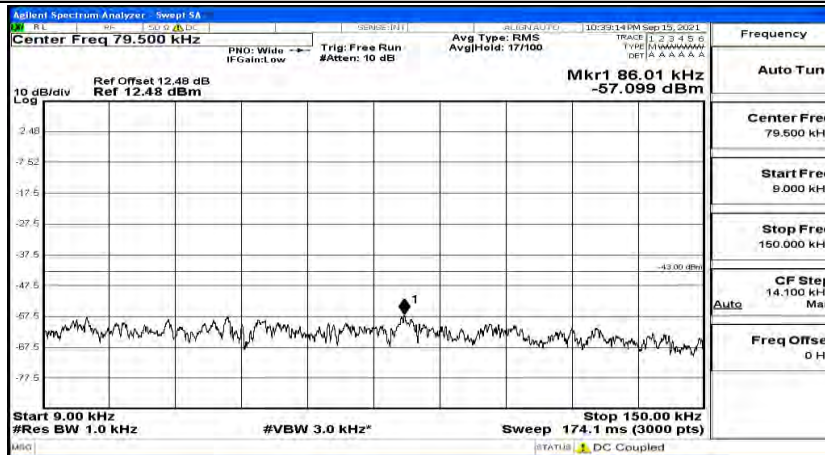


(Channel Bandwidth: 1.4 MHz)_LCH_16QAM



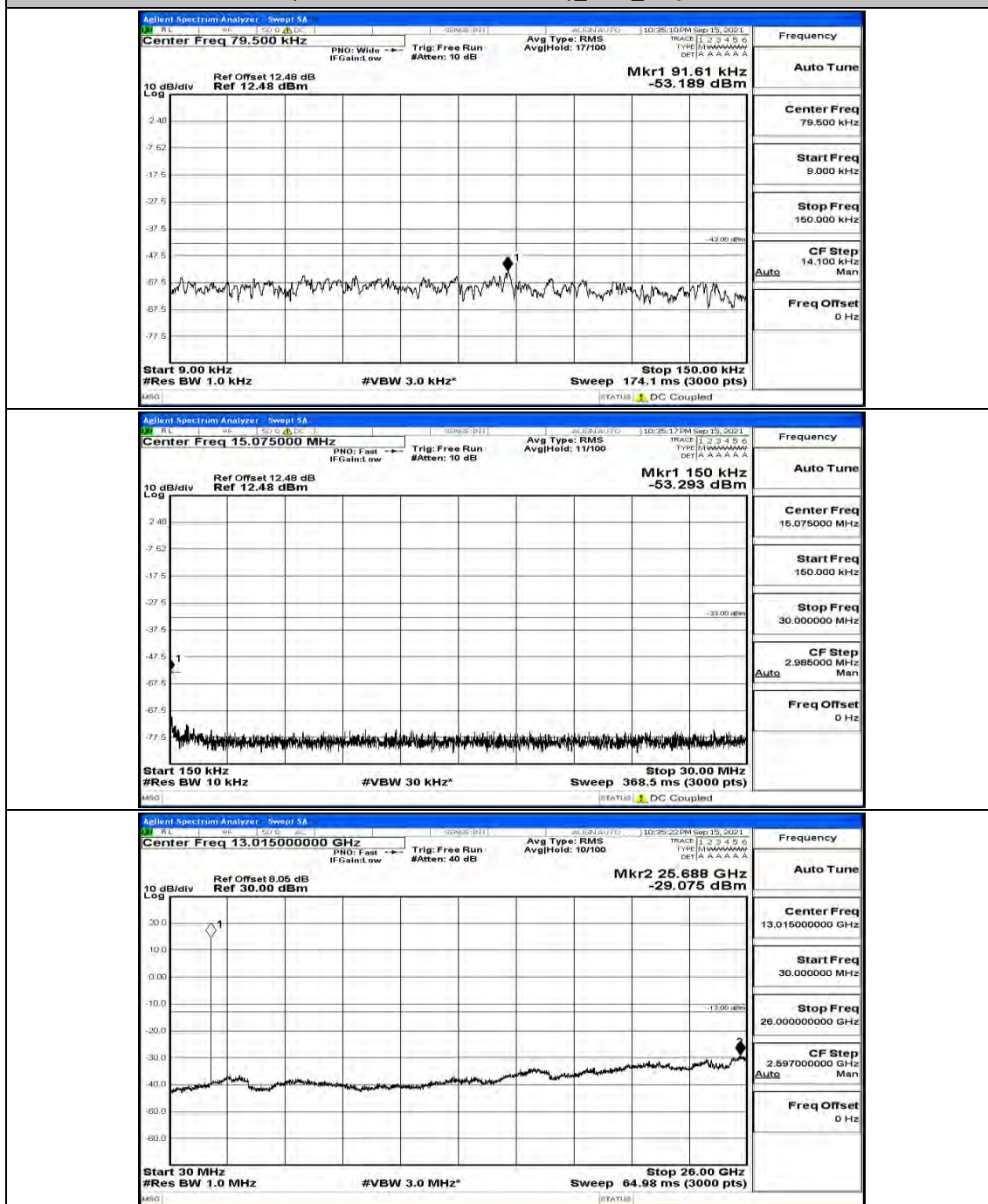


(Channel Bandwidth: 1.4 MHz)_MCH_16QAM





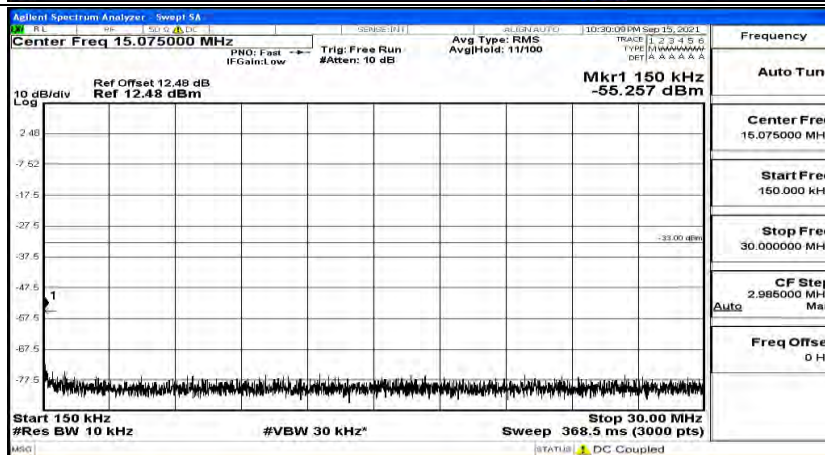
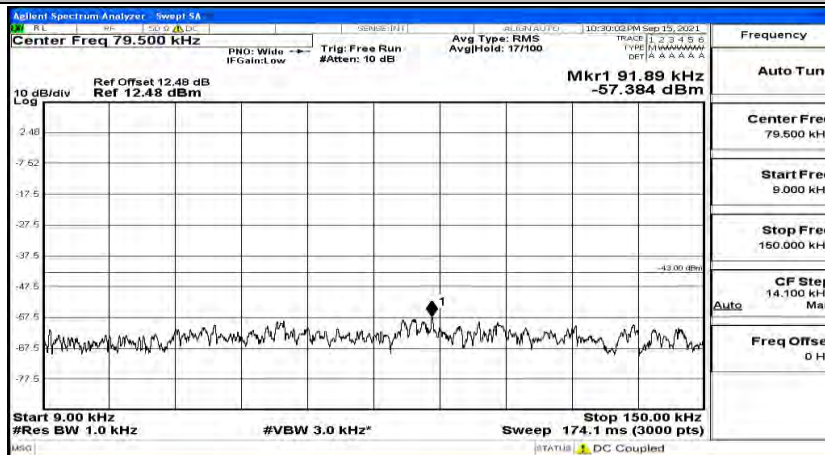
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM



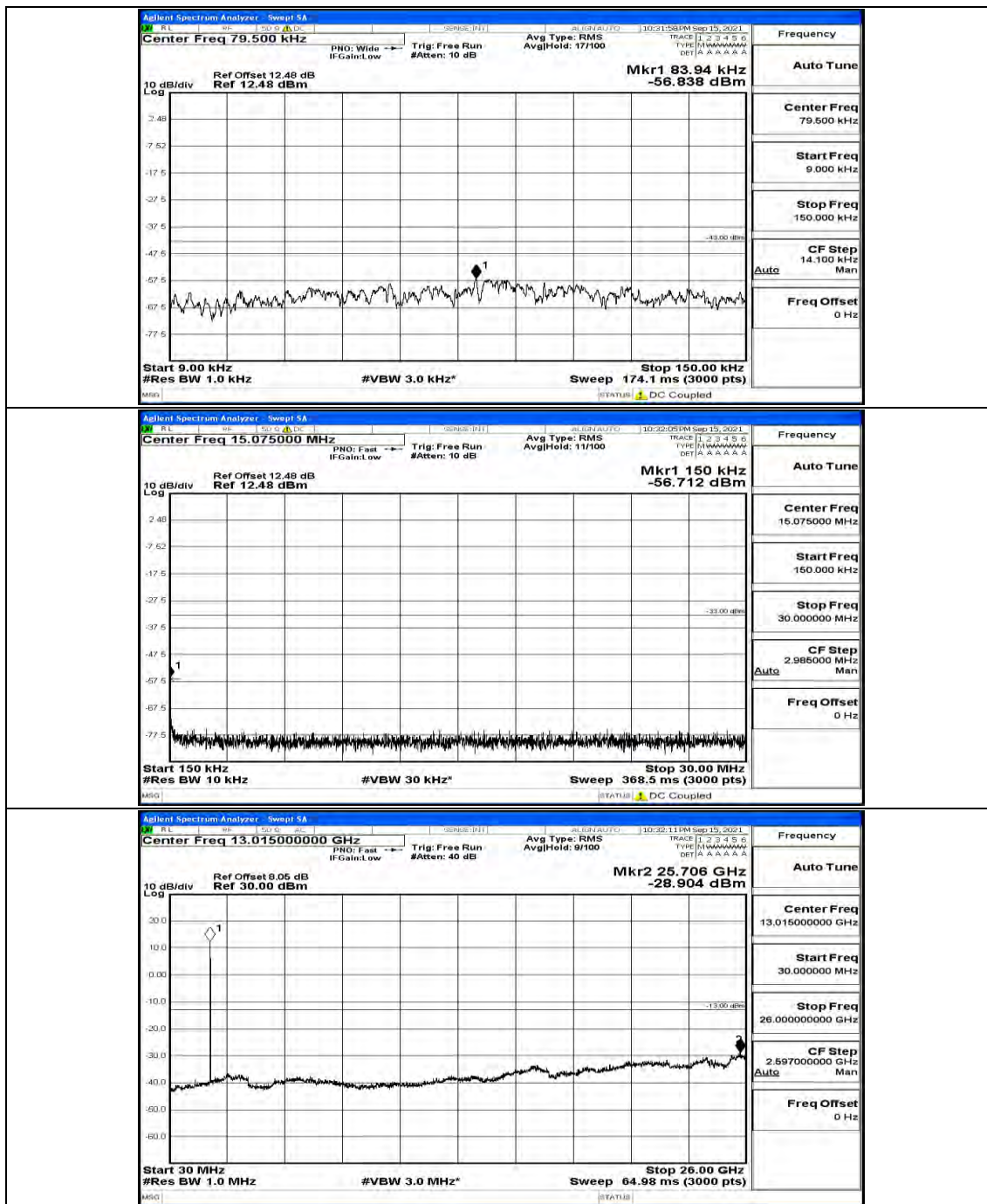


Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK

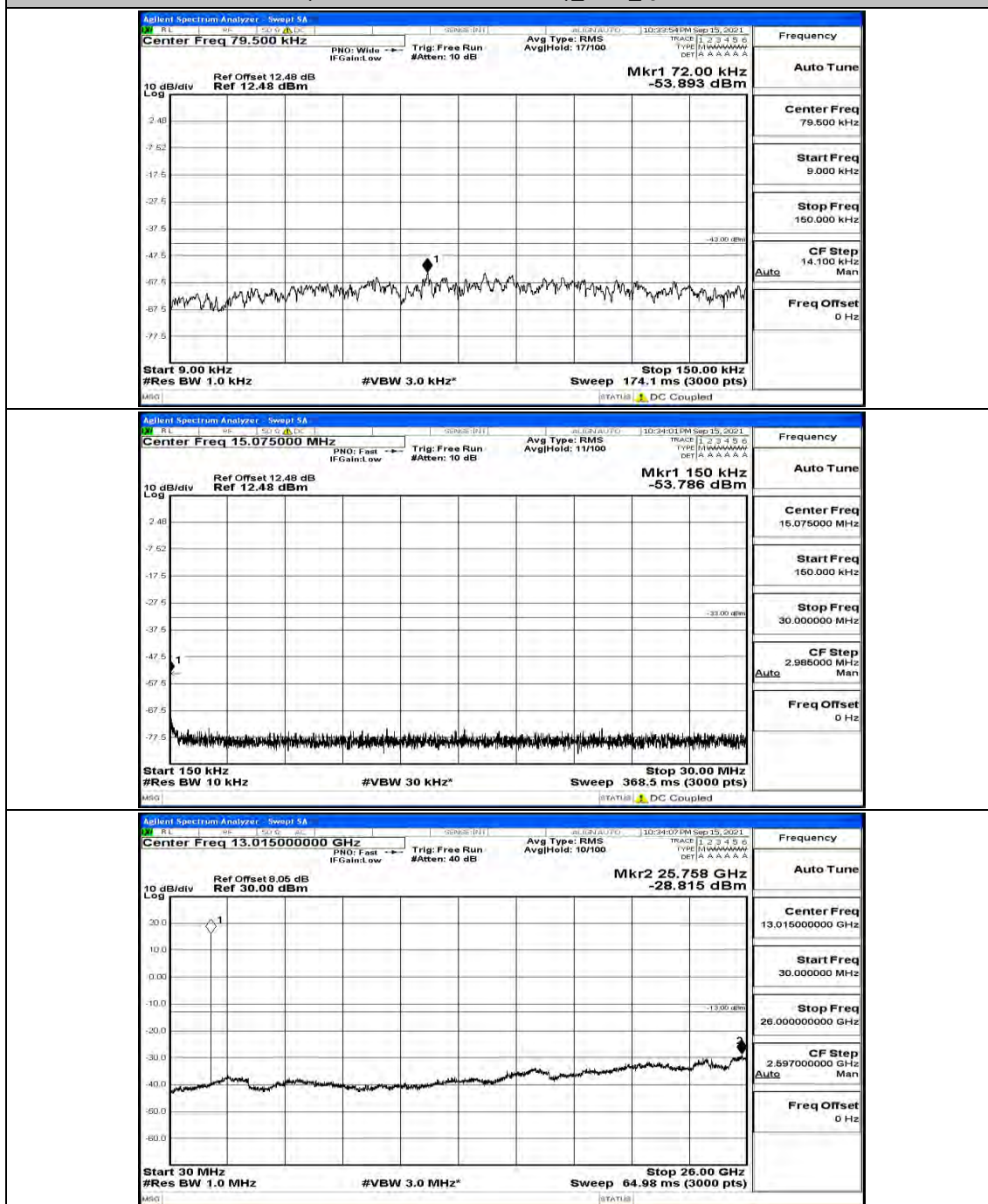


(Channel Bandwidth: 3 MHz)_MCH_QPSK



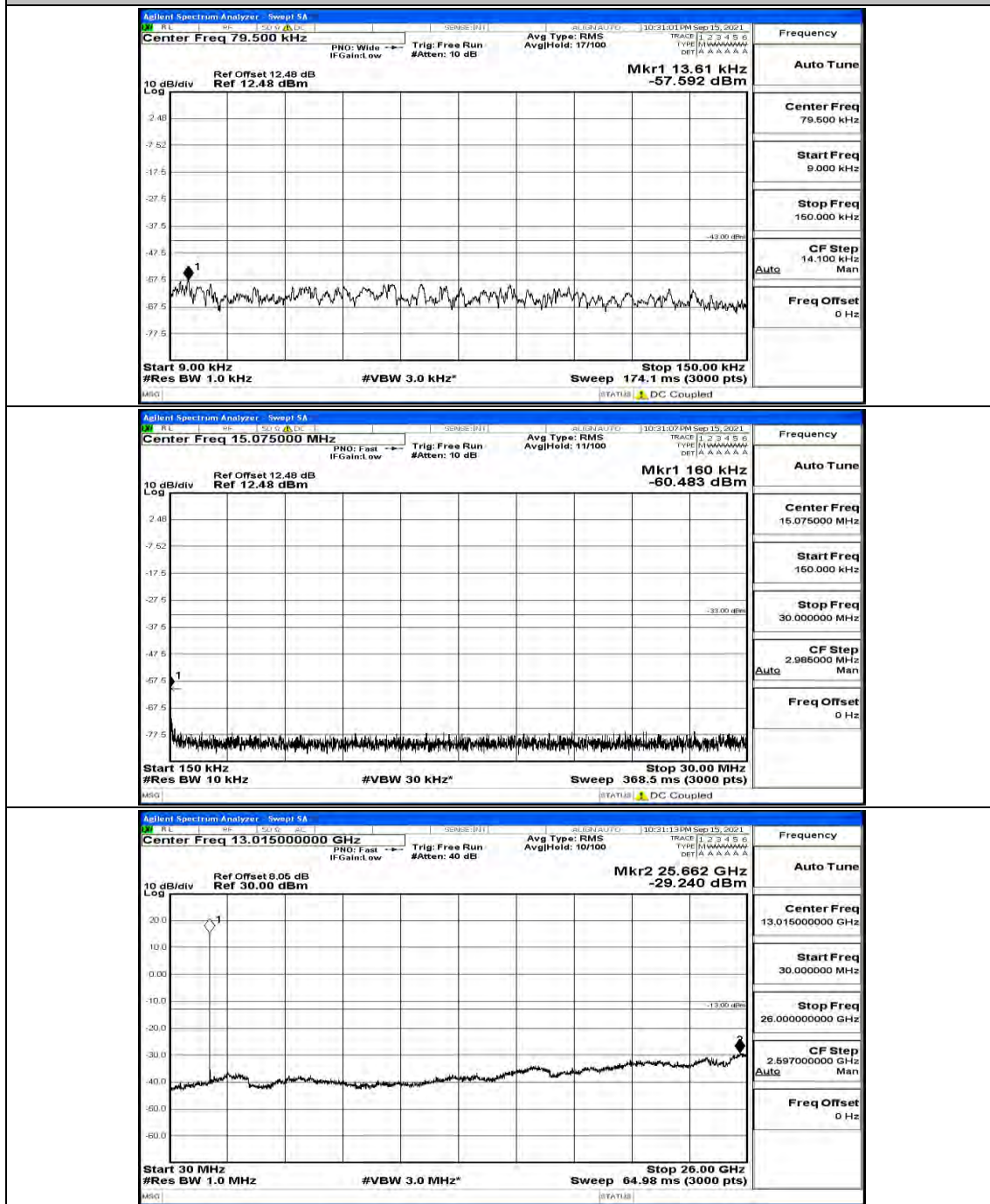


(Channel Bandwidth: 3 MHz)_HCH_QPSK



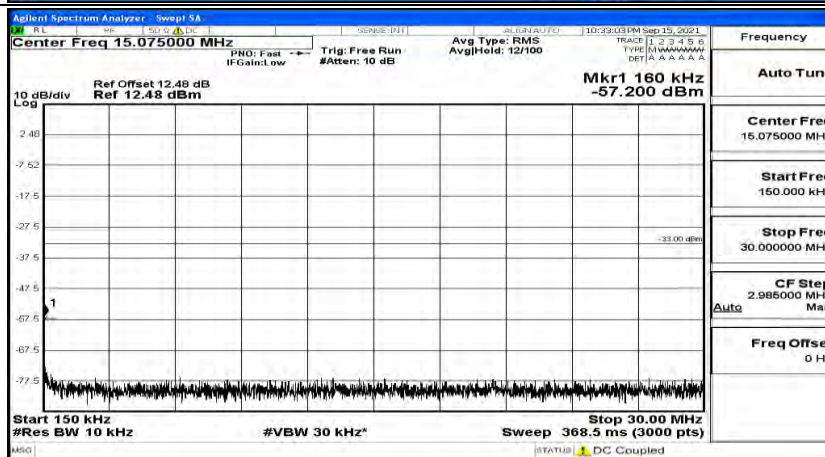
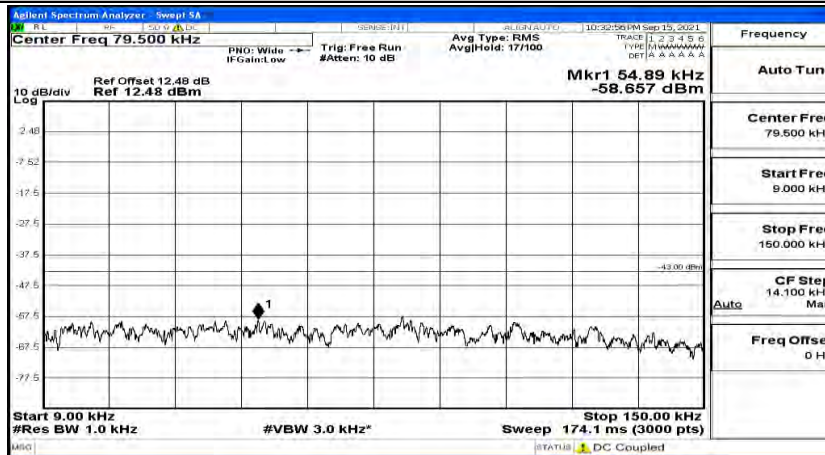


(Channel Bandwidth: 3 MHz)_LCH_16QAM



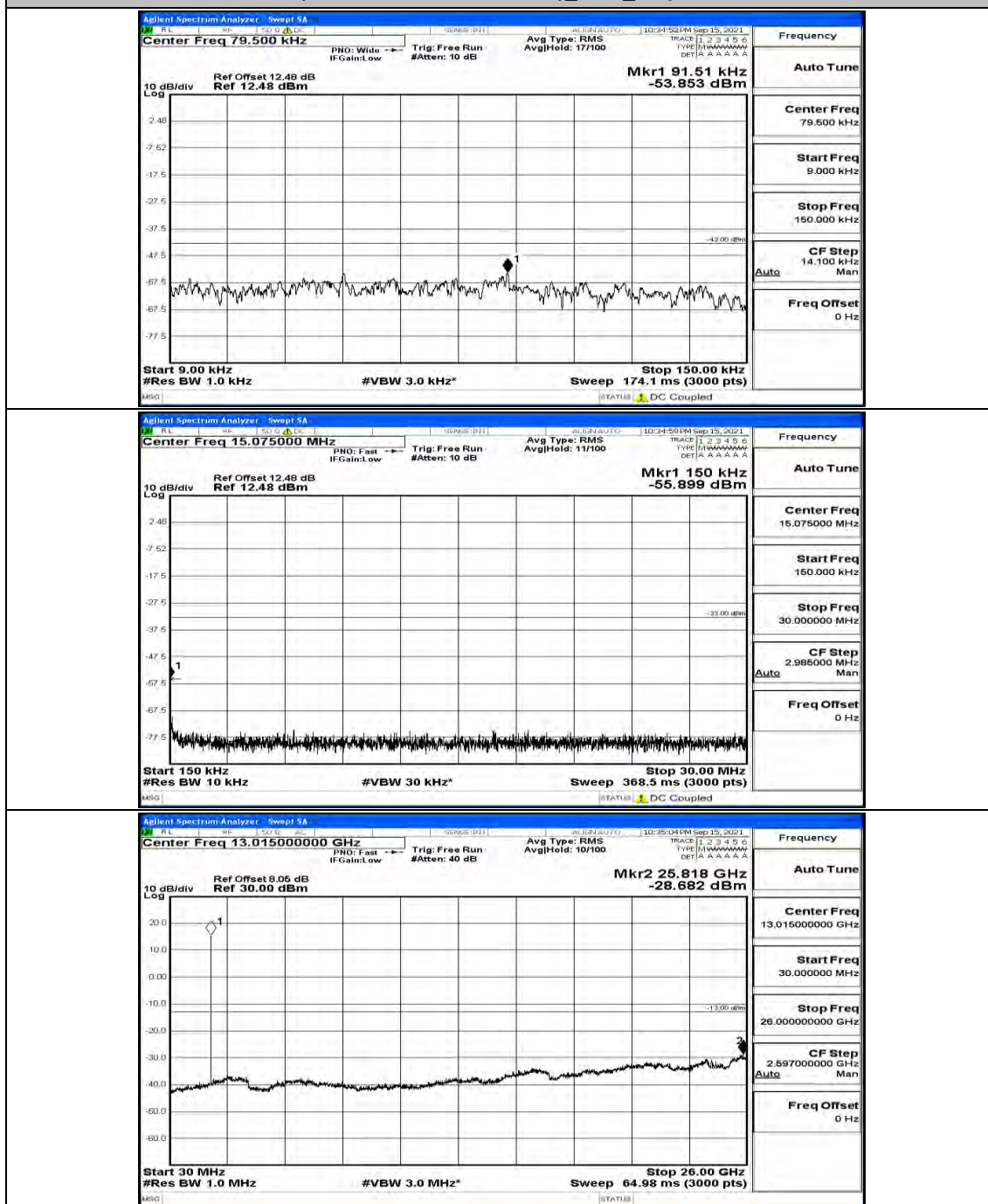


(Channel Bandwidth: 3 MHz)_MCH_16QAM





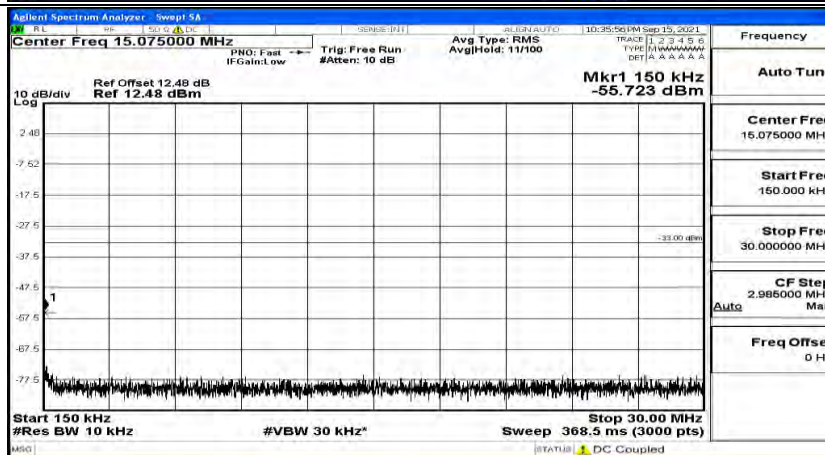
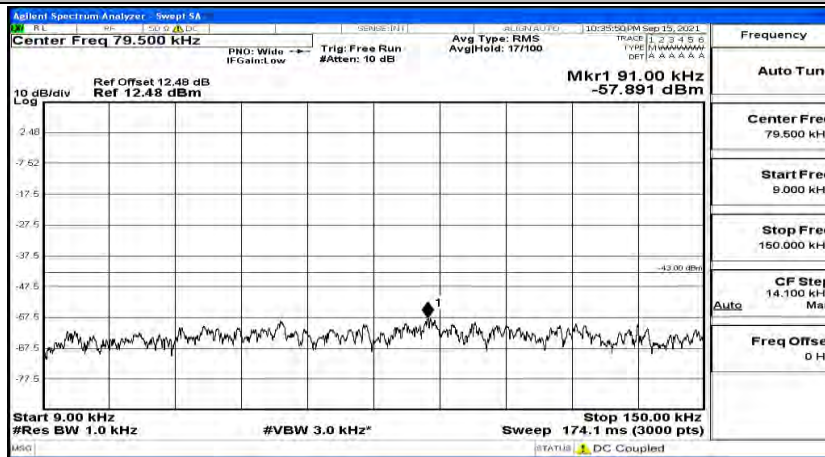
(Channel Bandwidth: 3 MHz)_HCH_16QAM





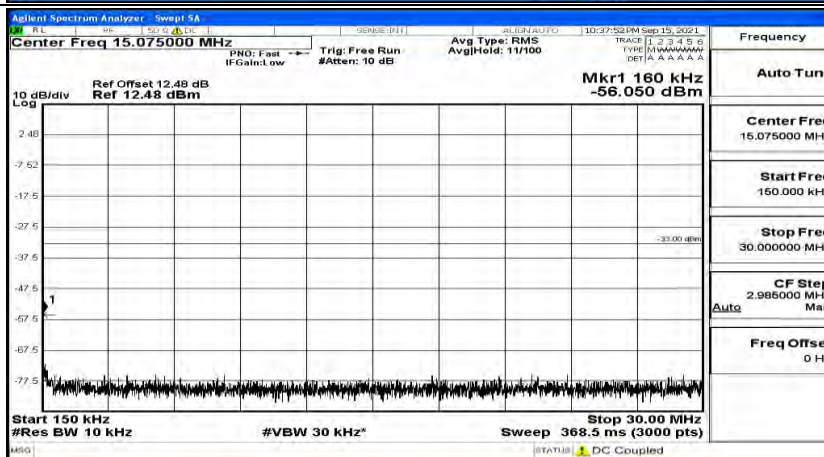
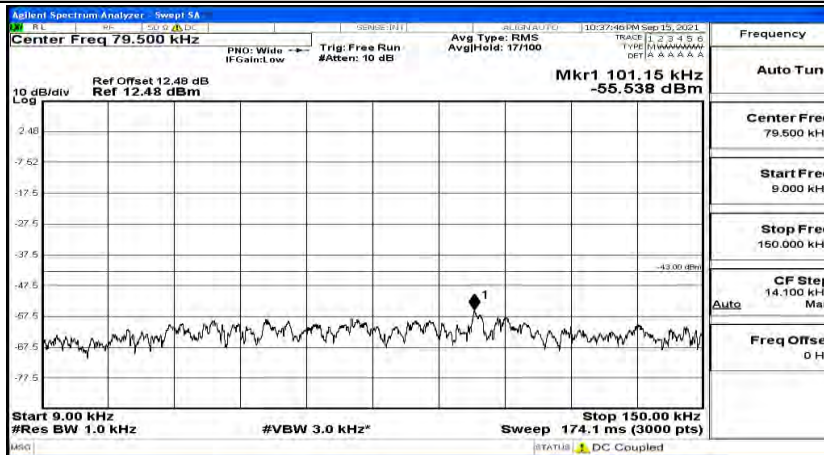
Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK



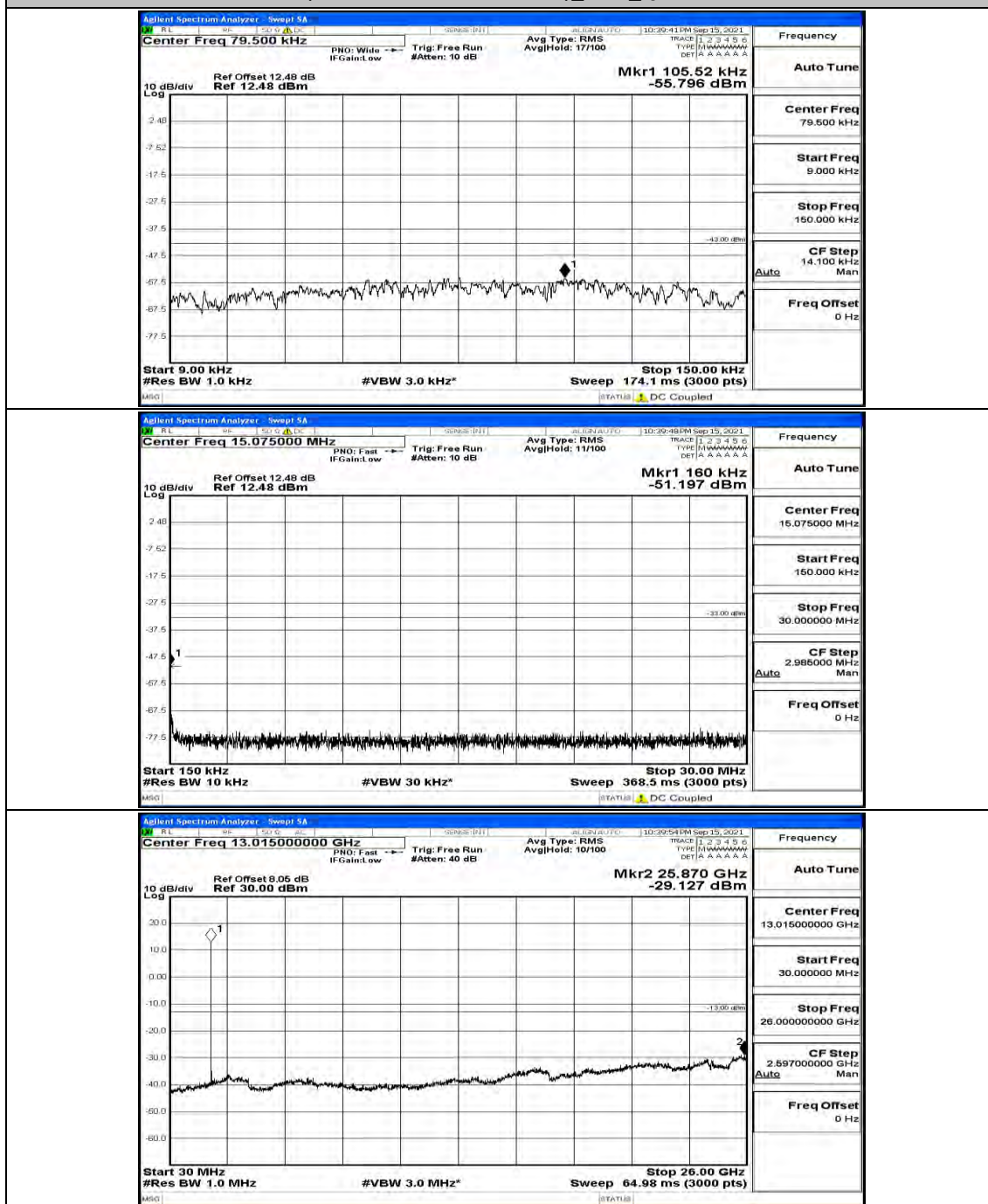


(Channel Bandwidth: 5 MHz)_MCH_QPSK



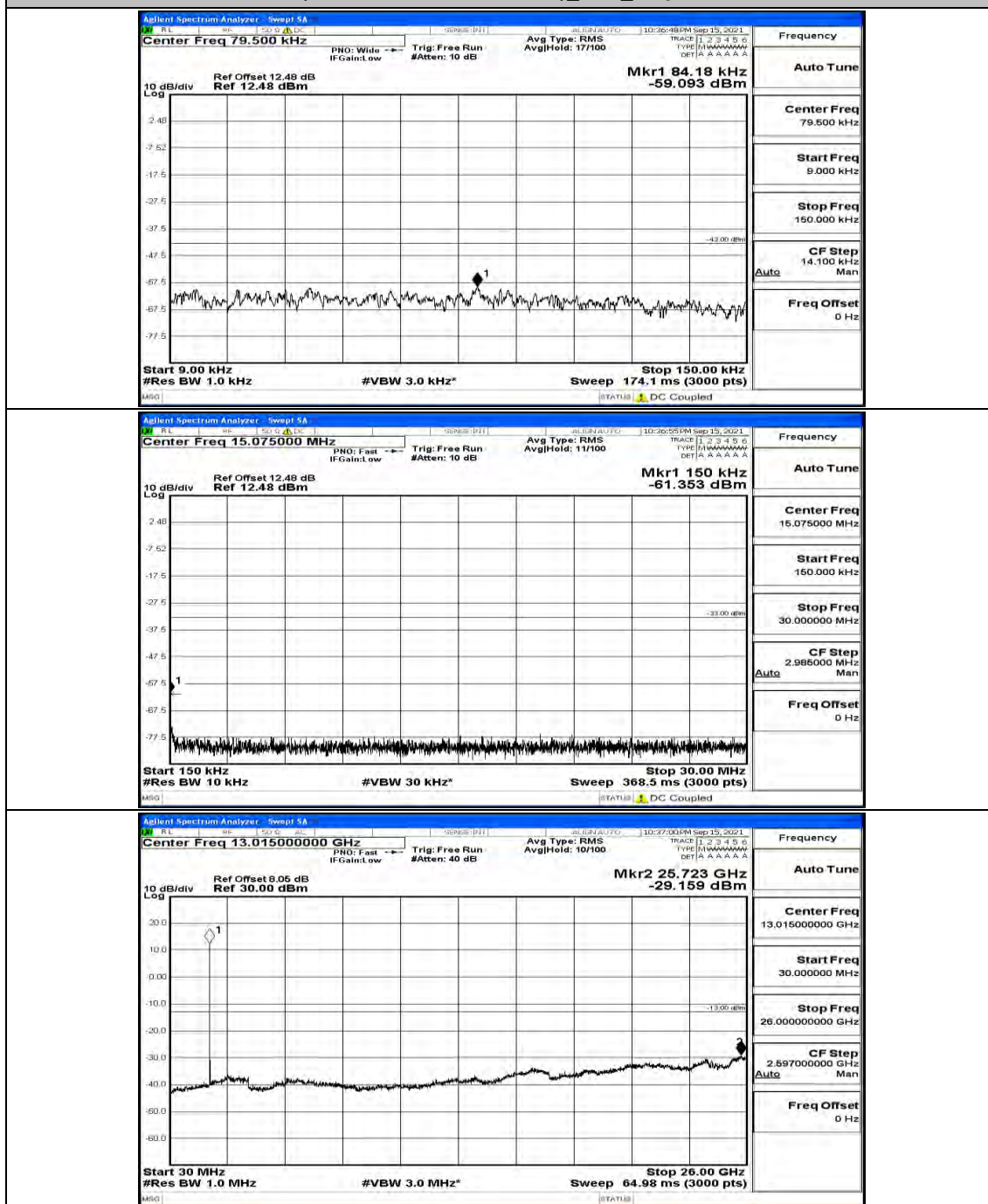


(Channel Bandwidth: 5 MHz)_HCH_QPSK



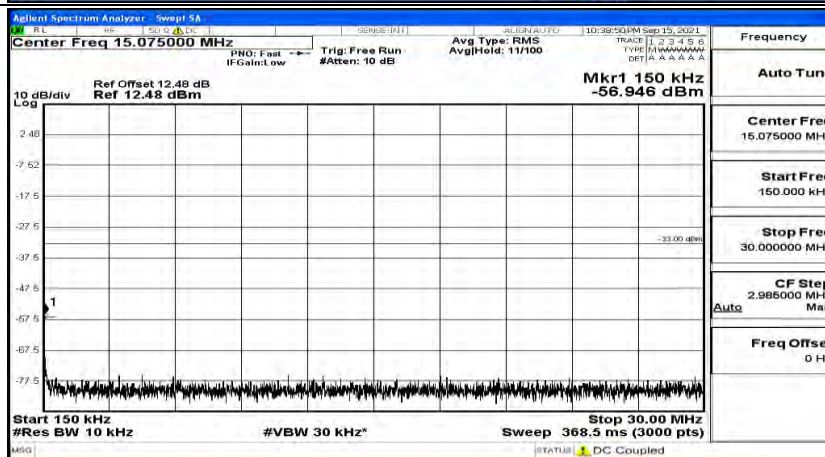
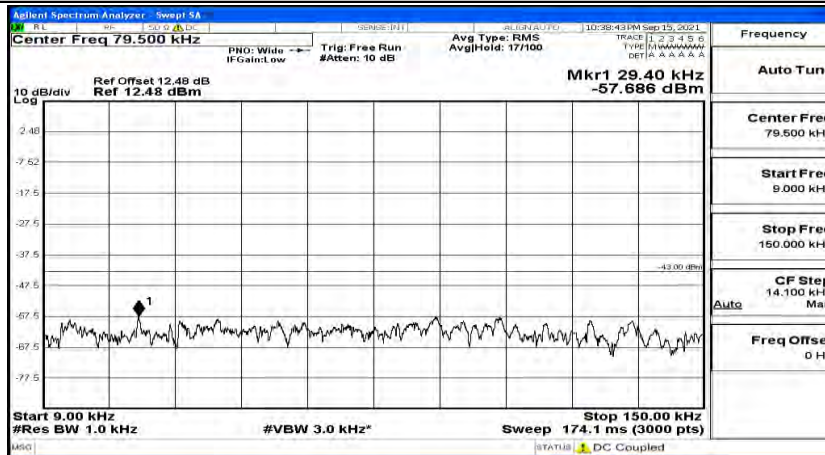


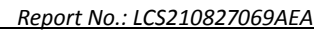
(Channel Bandwidth: 5 MHz)_LCH_16QAM



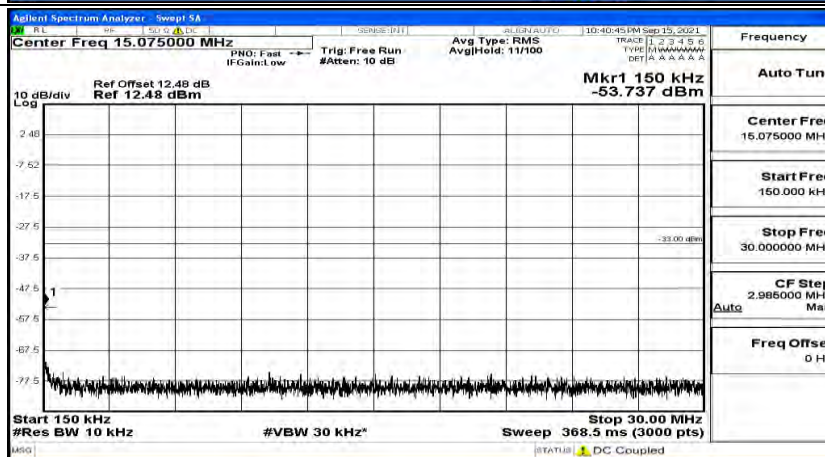
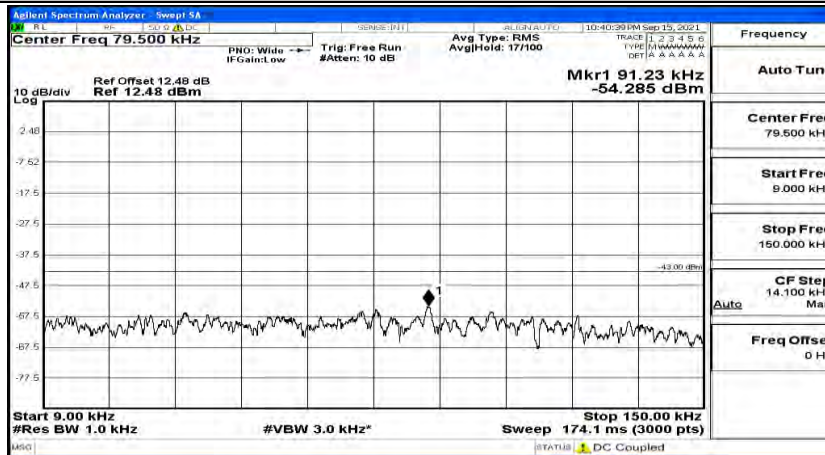


(Channel Bandwidth: 5 MHz)_MCH_16QAM



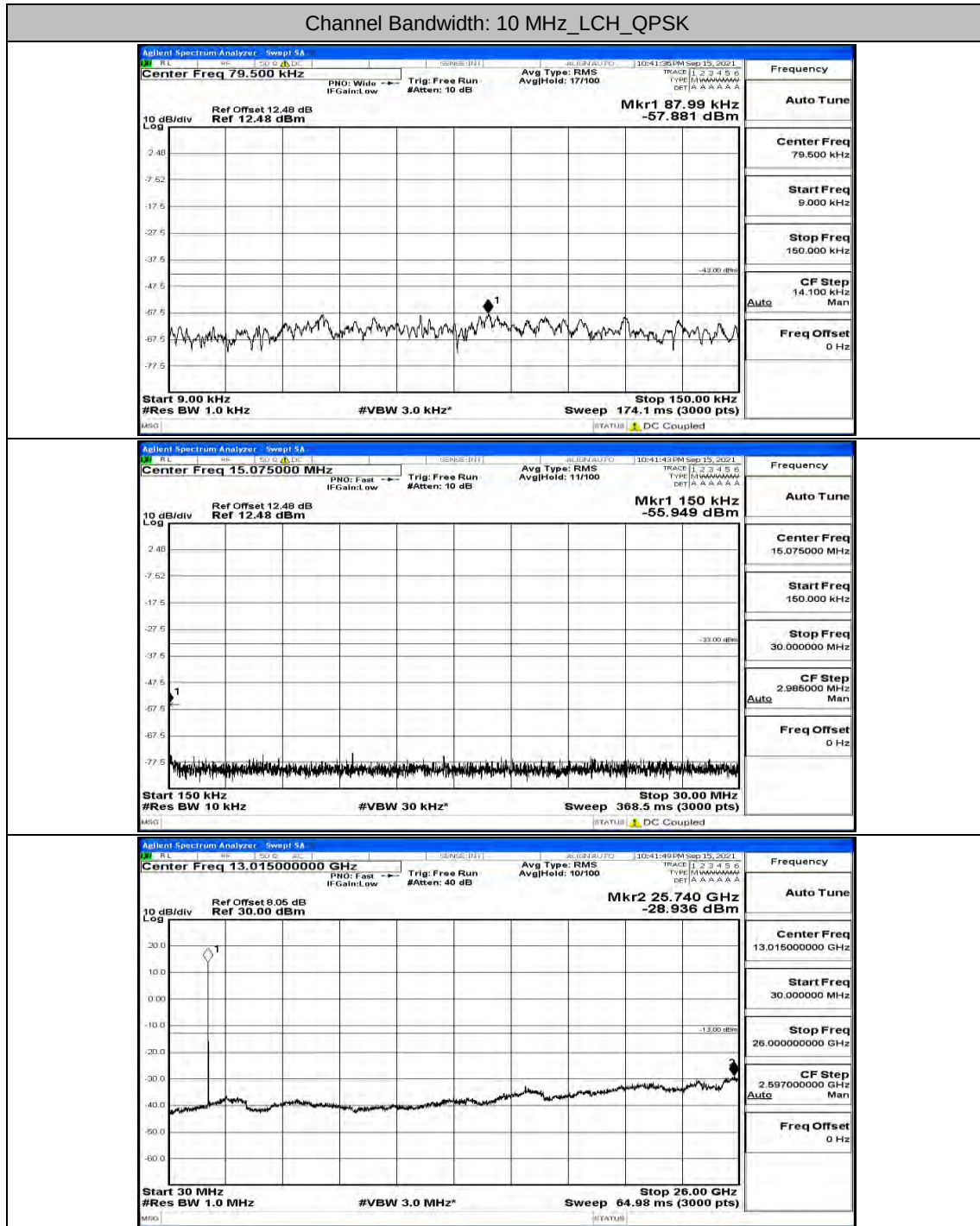


(Channel Bandwidth: 5 MHz)_HCH_16QAM



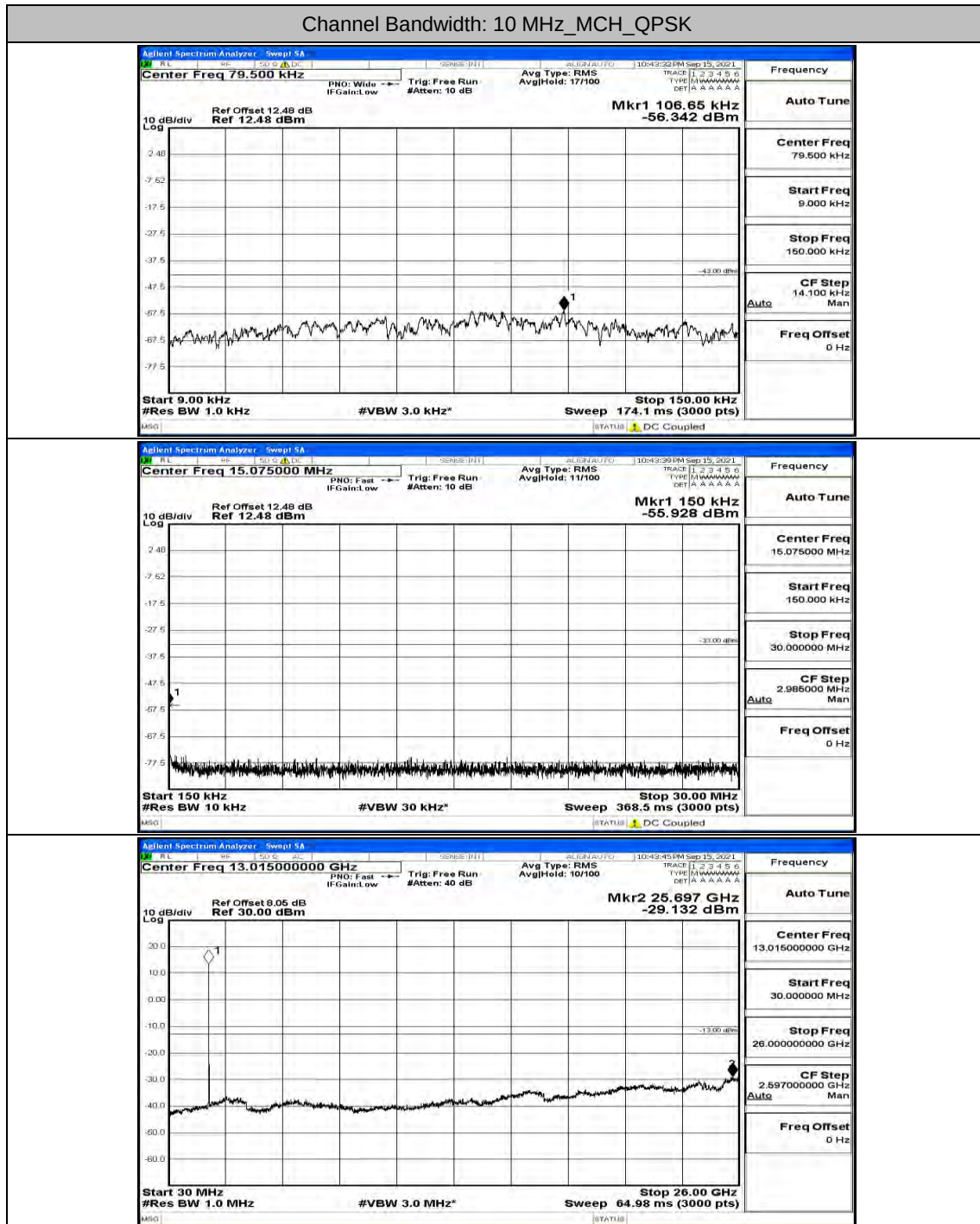


Channel Bandwidth: 10 MHz



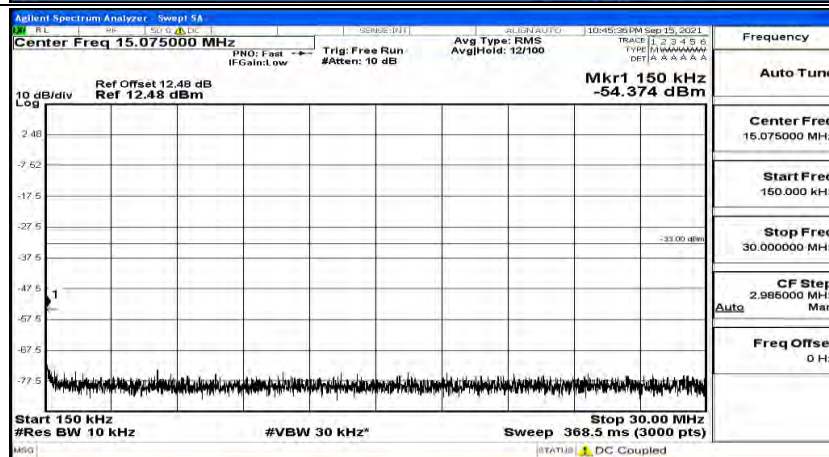
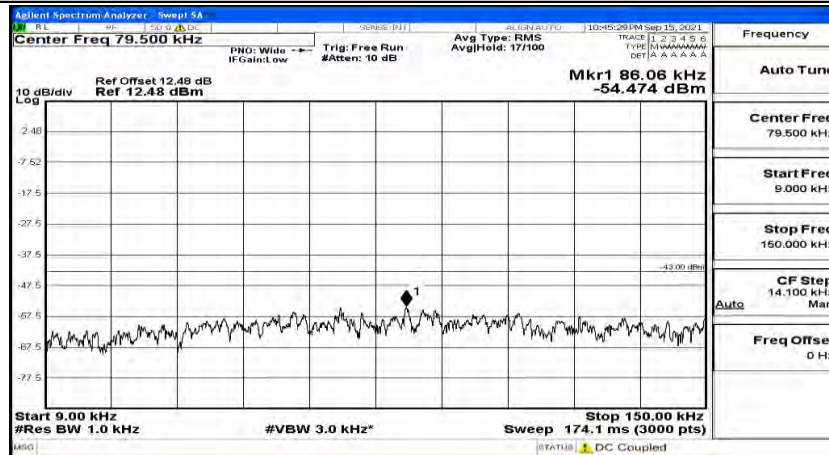


Channel Bandwidth: 10 MHz_MCH_QPSK



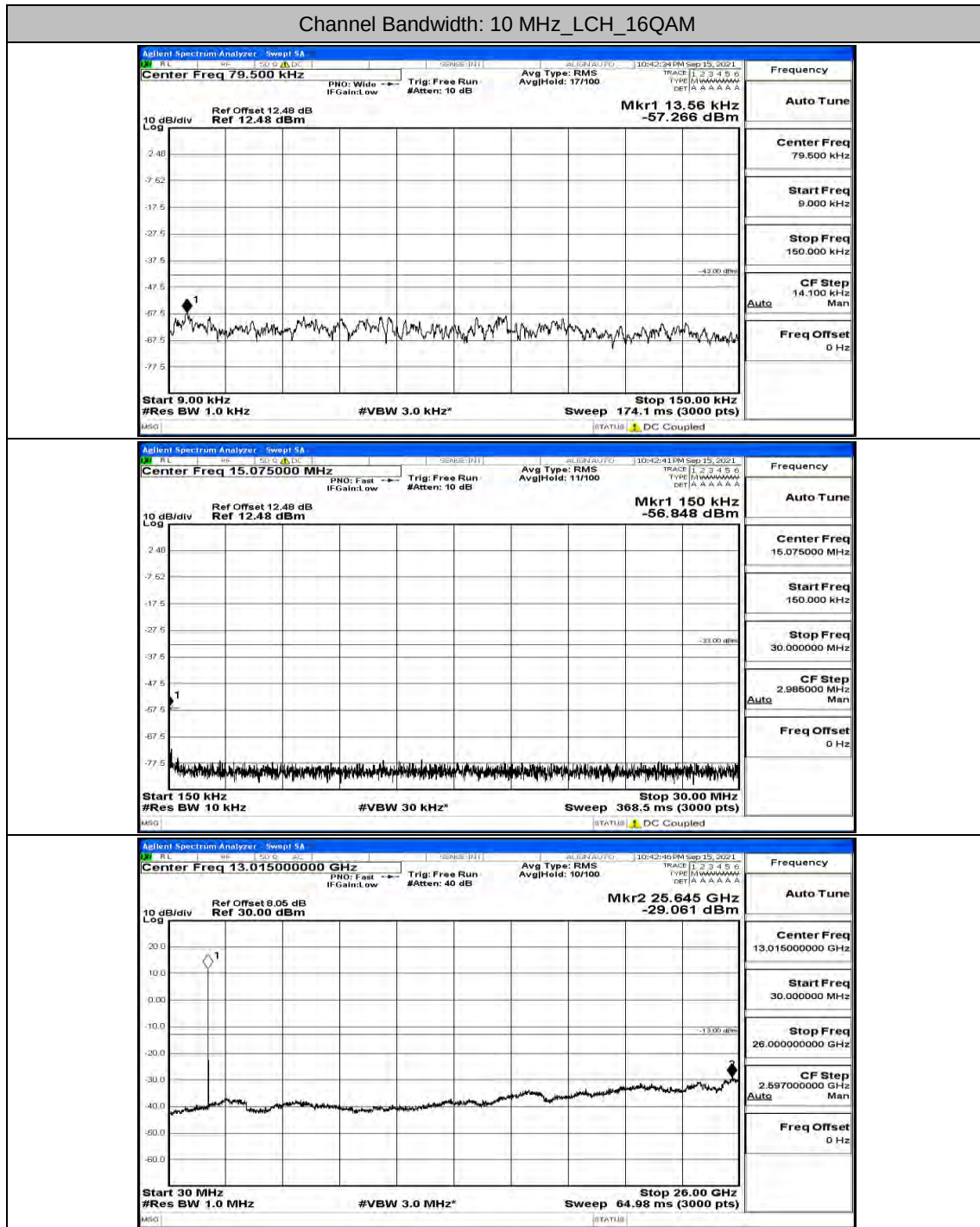


Channel Bandwidth: 10 MHz_HCH_QPSK



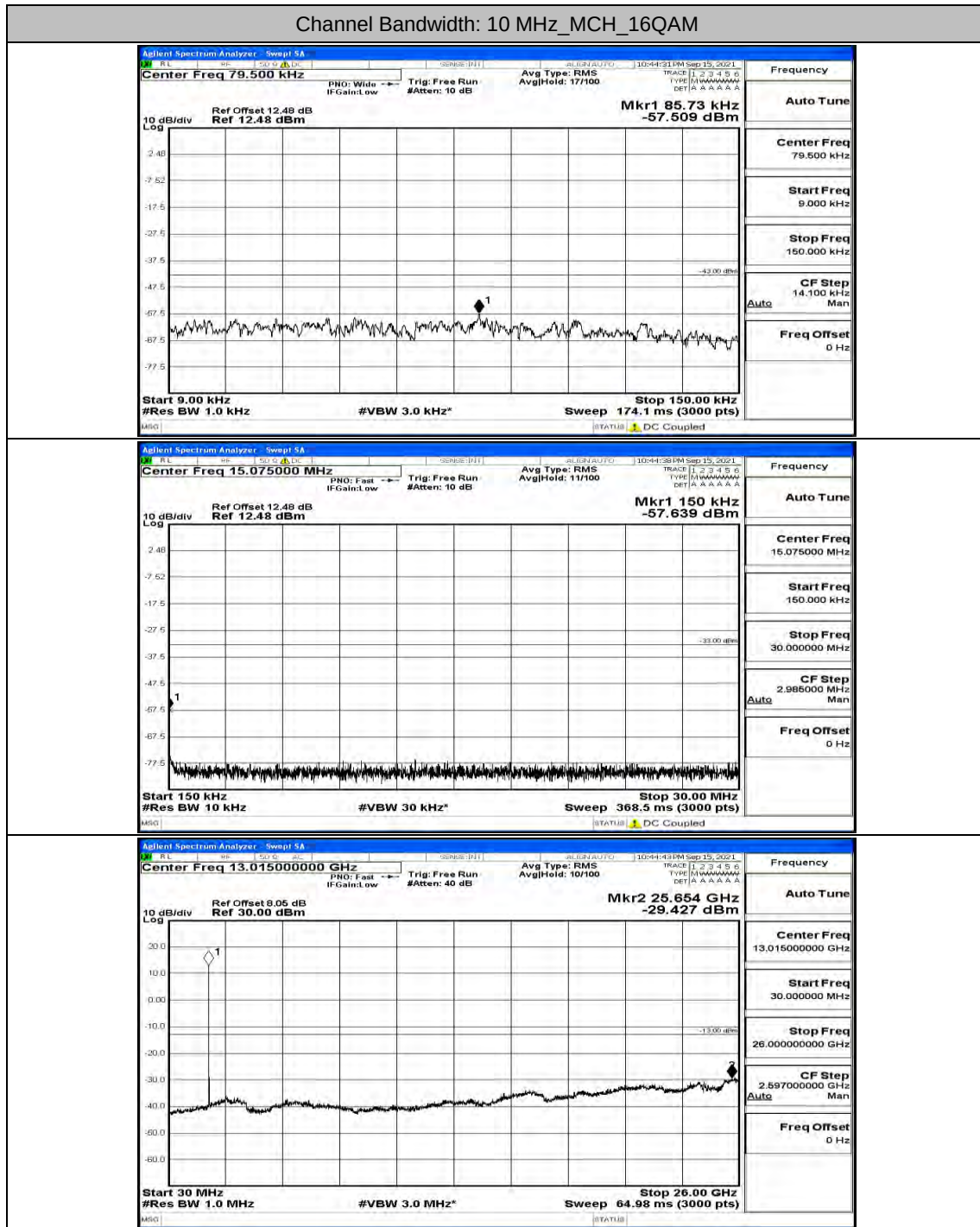


Channel Bandwidth: 10 MHz_LCH_16QAM



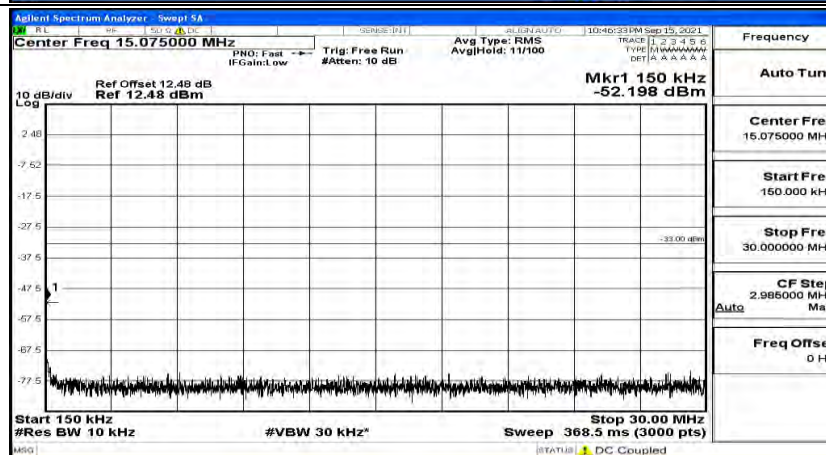
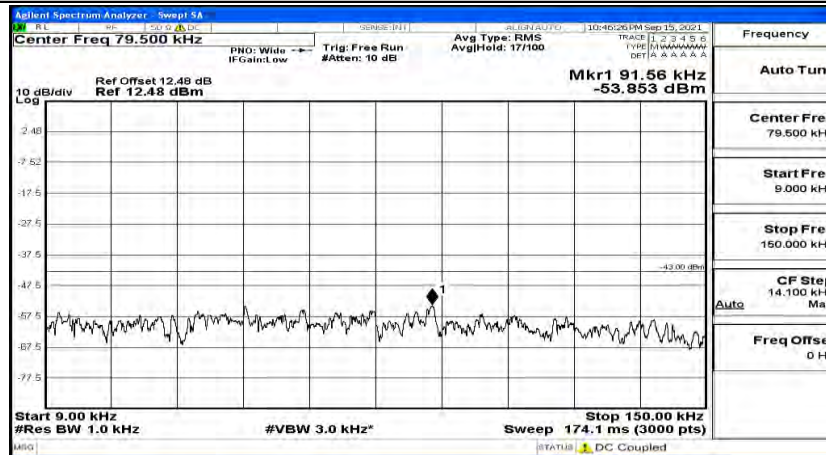


Channel Bandwidth: 10 MHz_MCH_16QAM





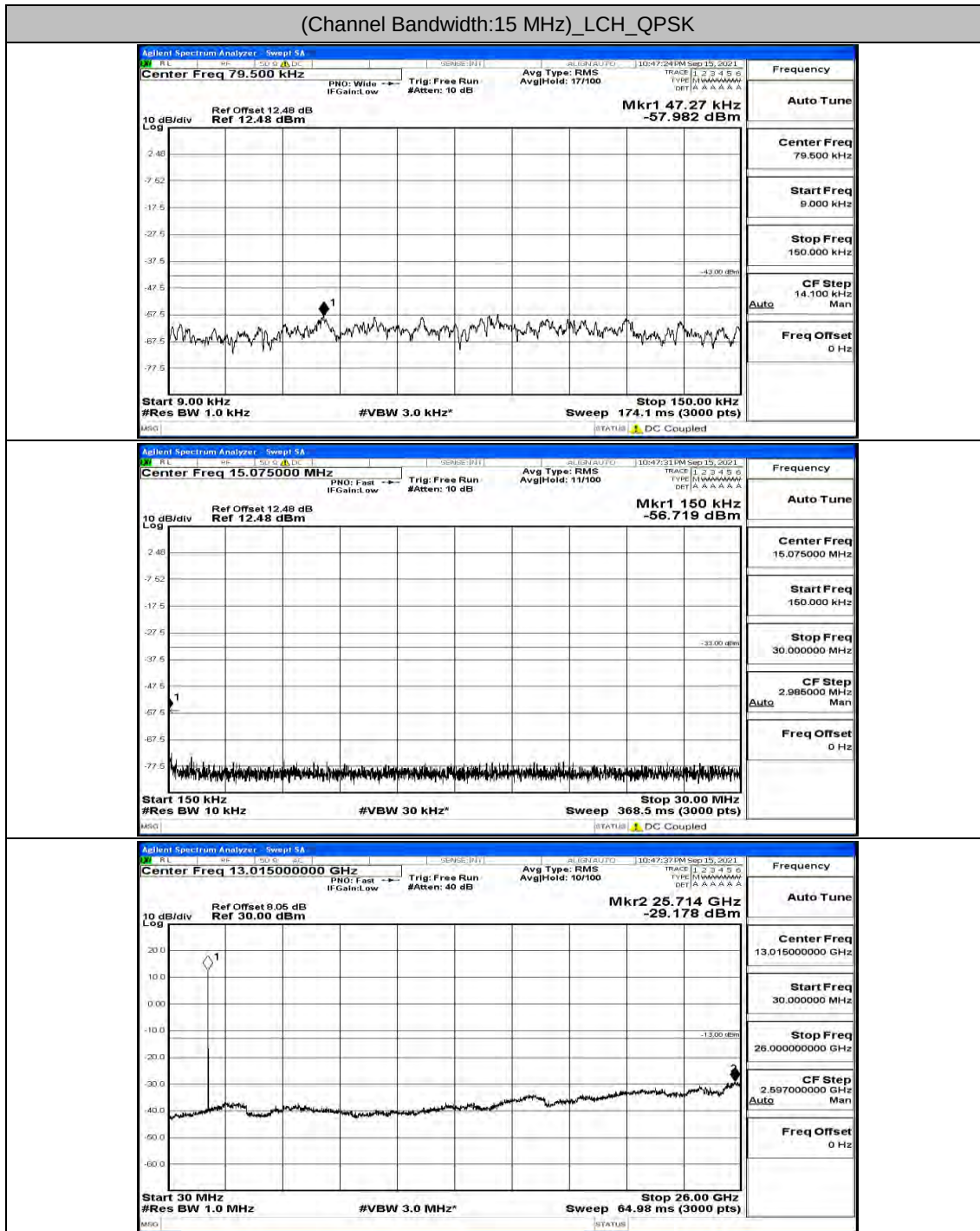
Channel Bandwidth: 10 MHz_HCH_16QAM





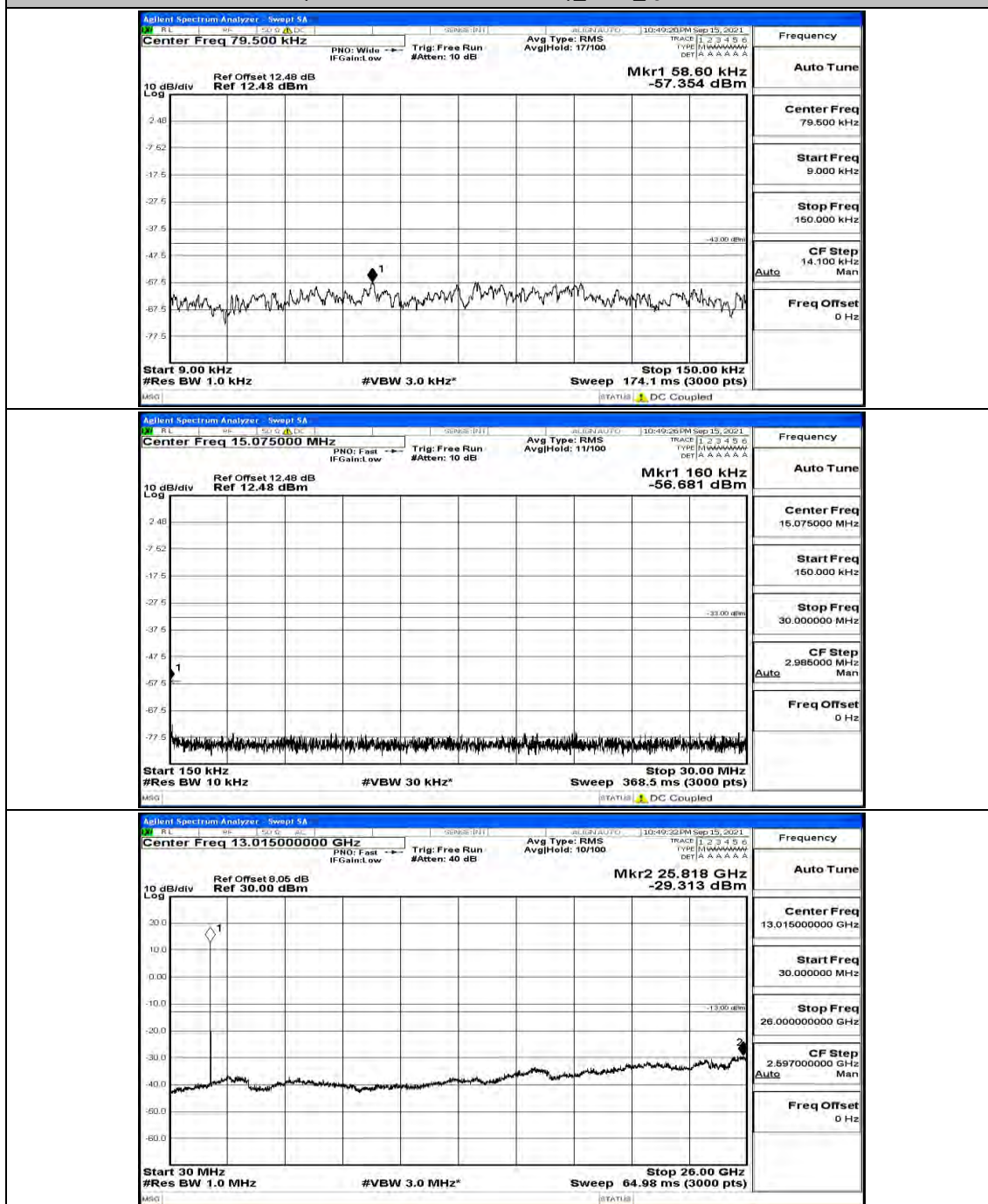
Channel Bandwidth: 15 MHz

(Channel Bandwidth:15 MHz)_LCH_QPSK



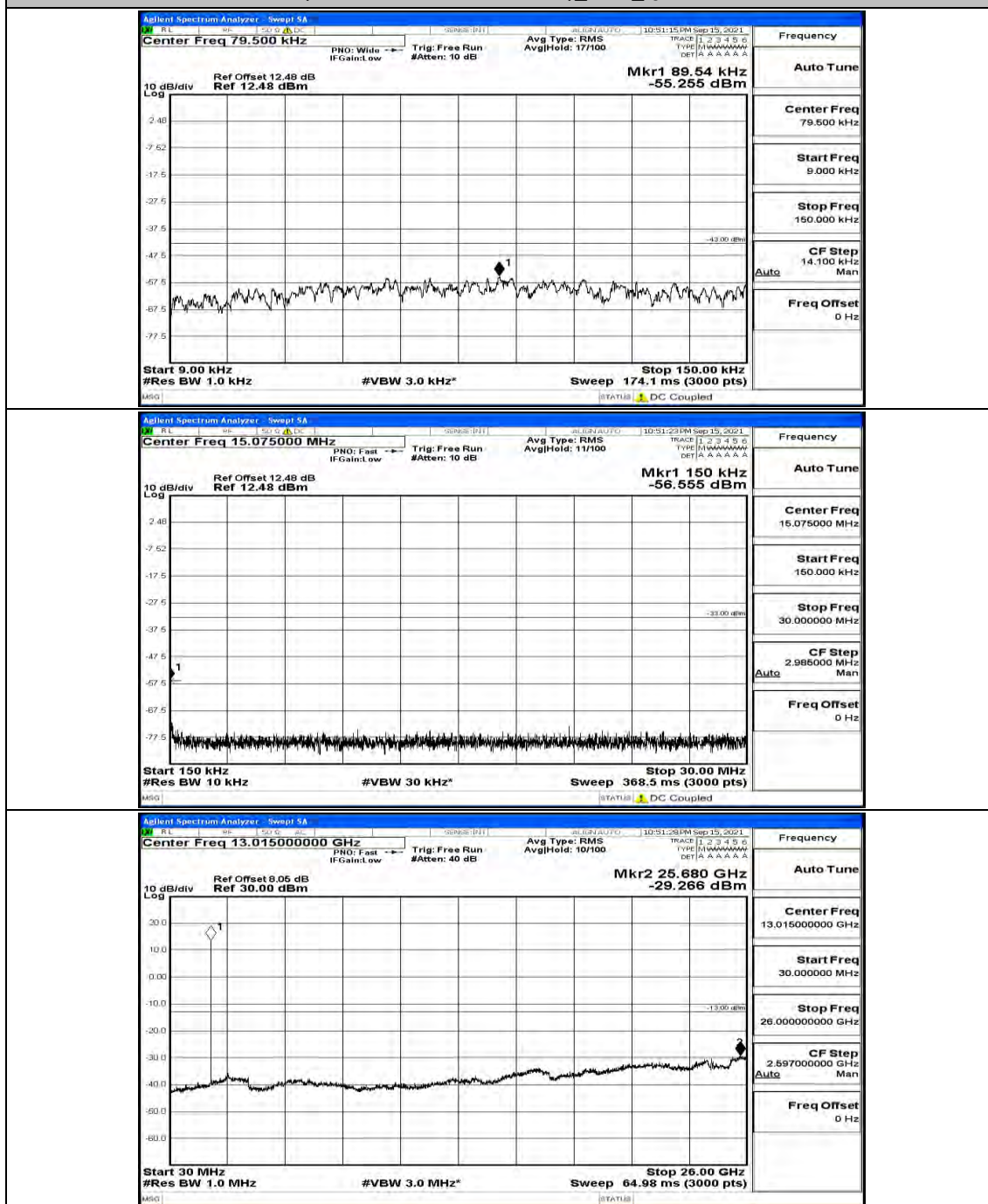


(Channel Bandwidth:15 MHz)_MCH_QPSK



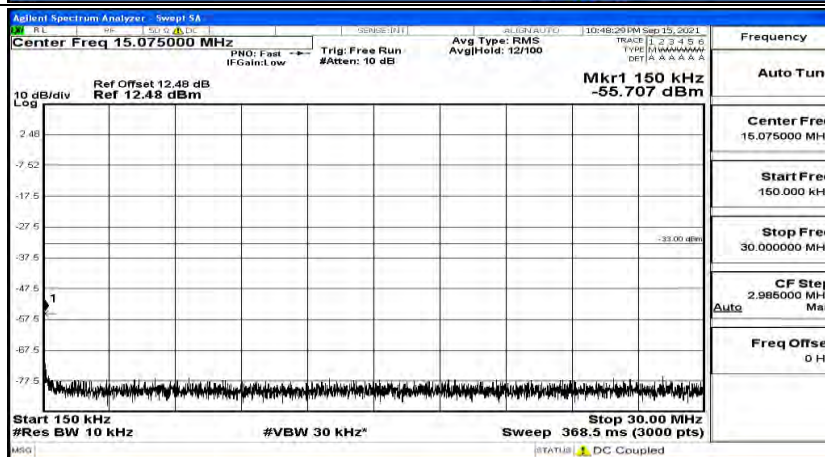
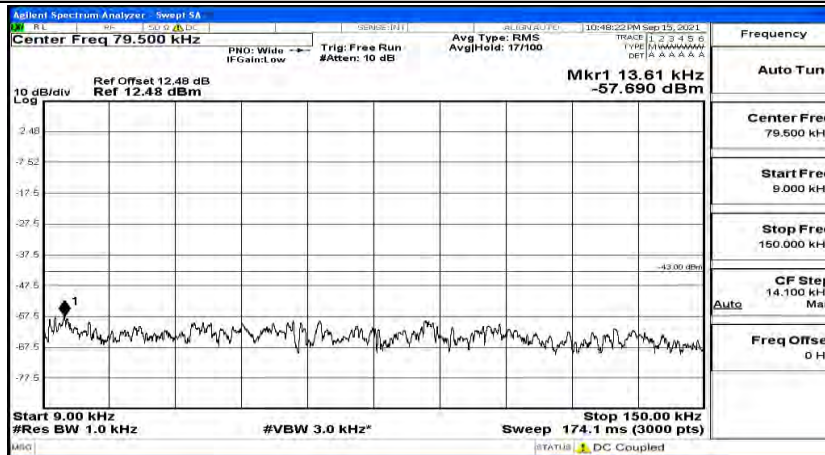


(Channel Bandwidth:15 MHz)_HCH_QPSK



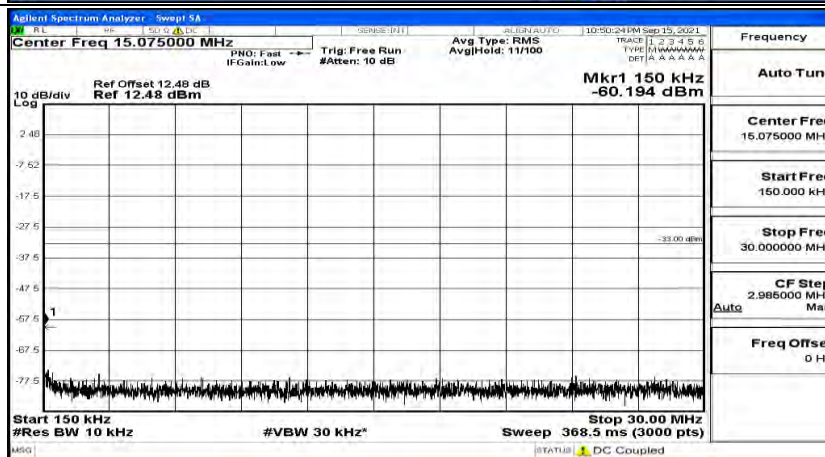
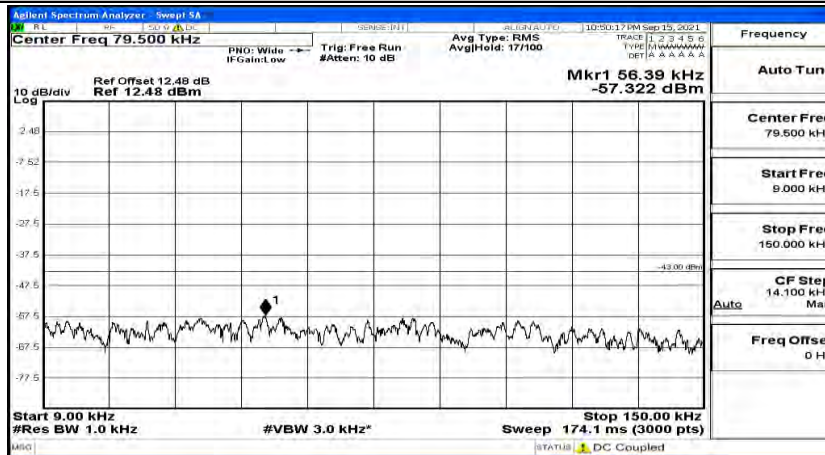


(Channel Bandwidth:15 MHz)_LCH_16QAM



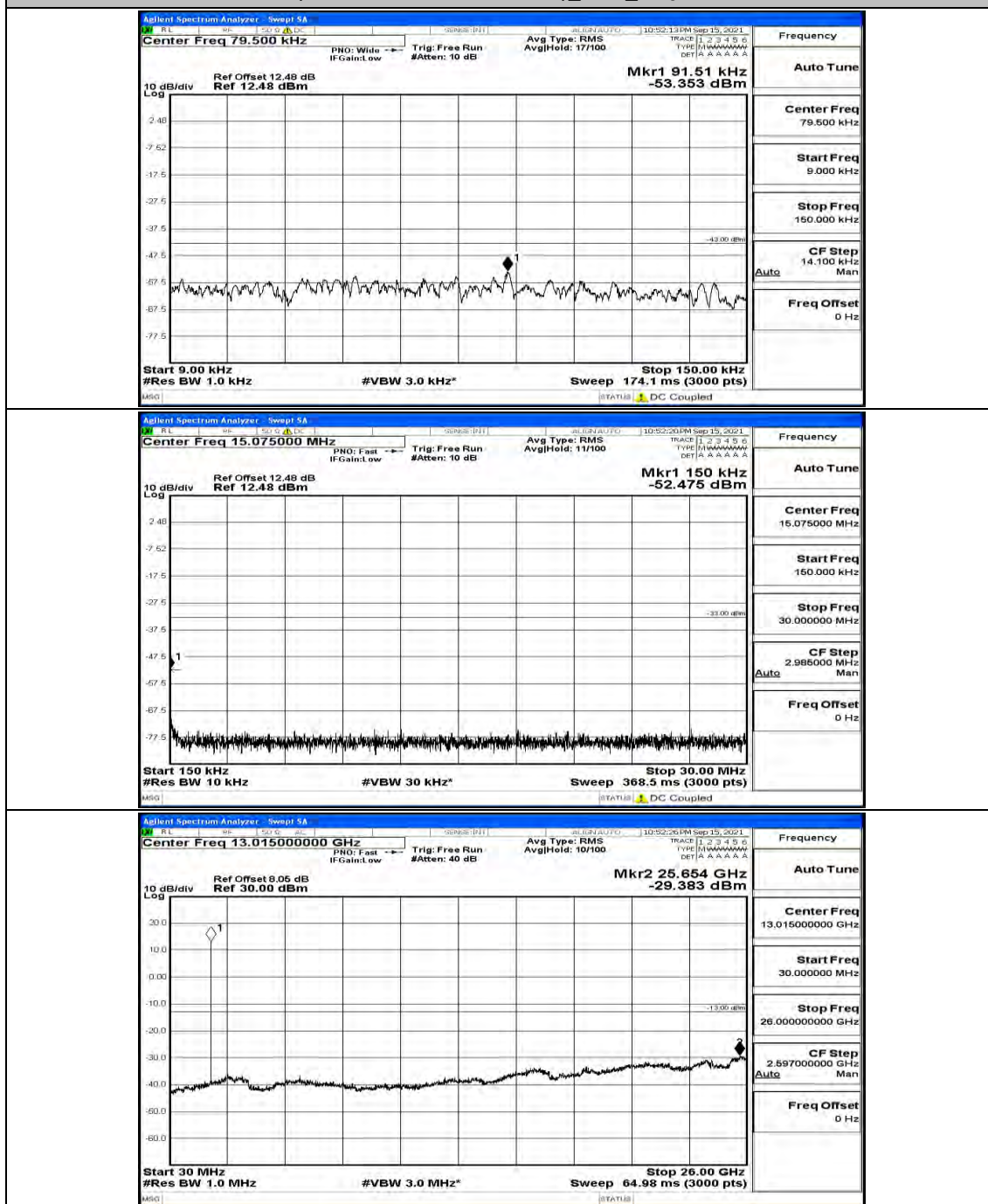


(Channel Bandwidth:15 MHz)_MCH_16QAM





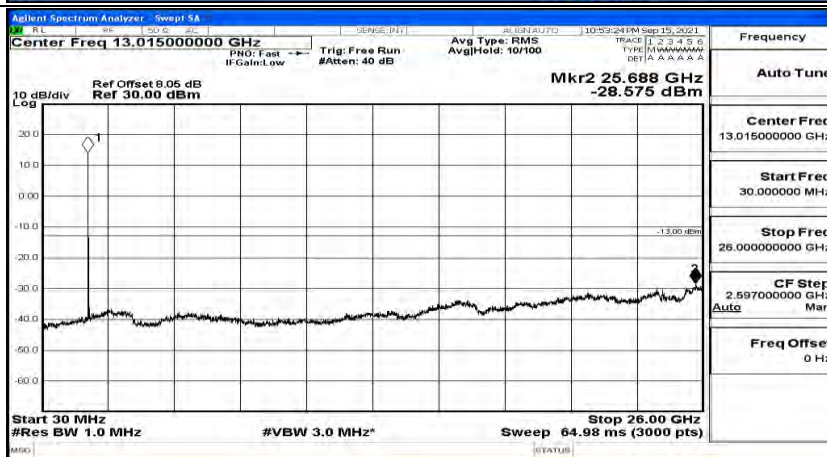
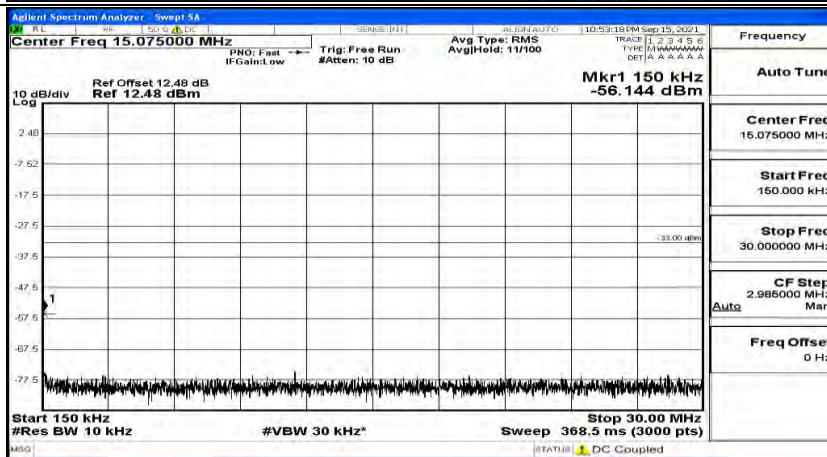
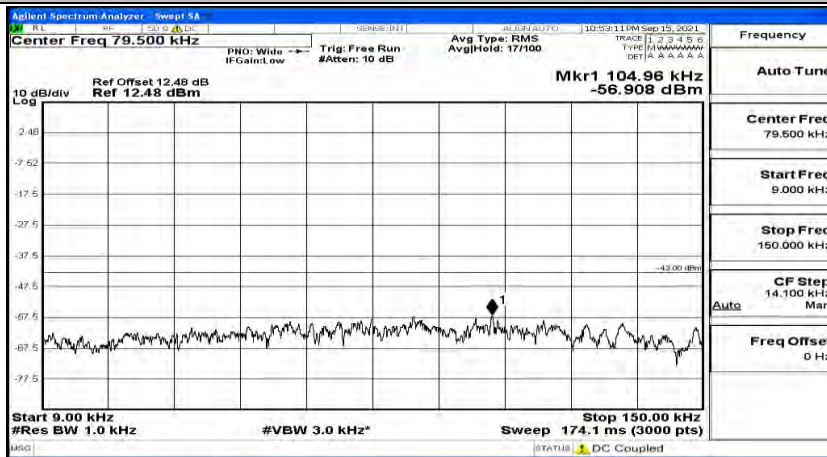
(Channel Bandwidth:15 MHz)_HCH_16QAM





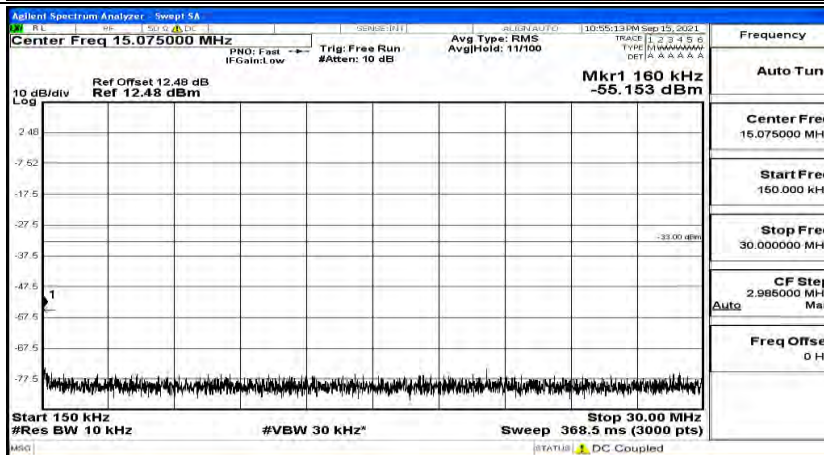
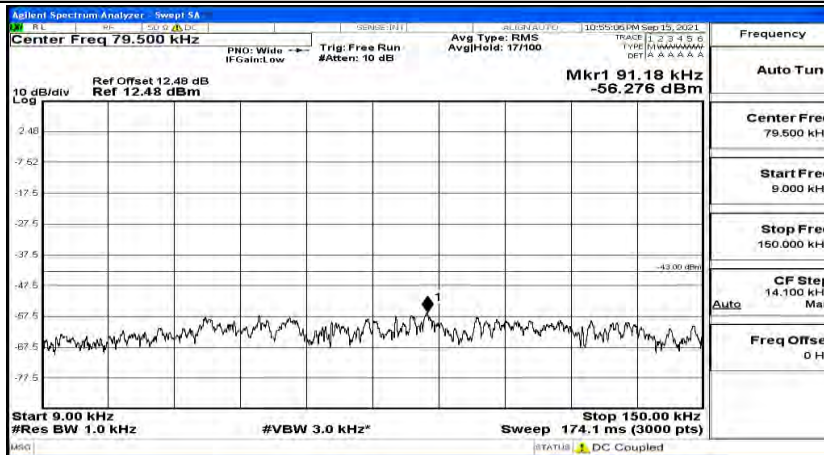
Channel Bandwidth: 20 MHz

(Channel Bandwidth:20 MHz)_LCH_QPSK



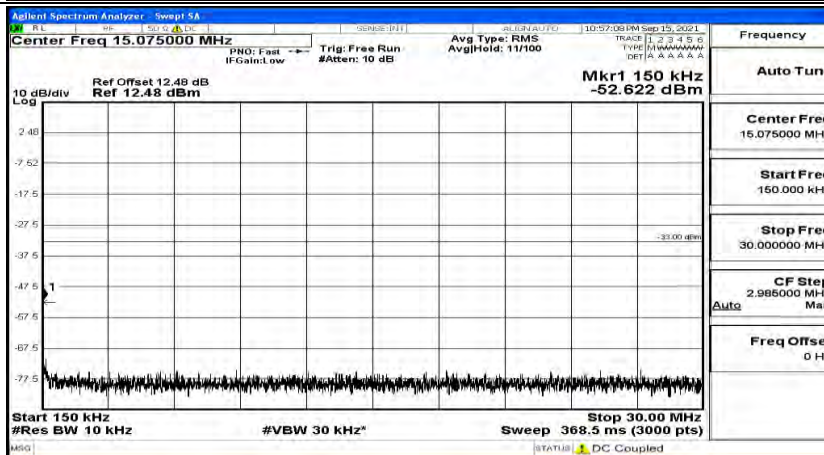
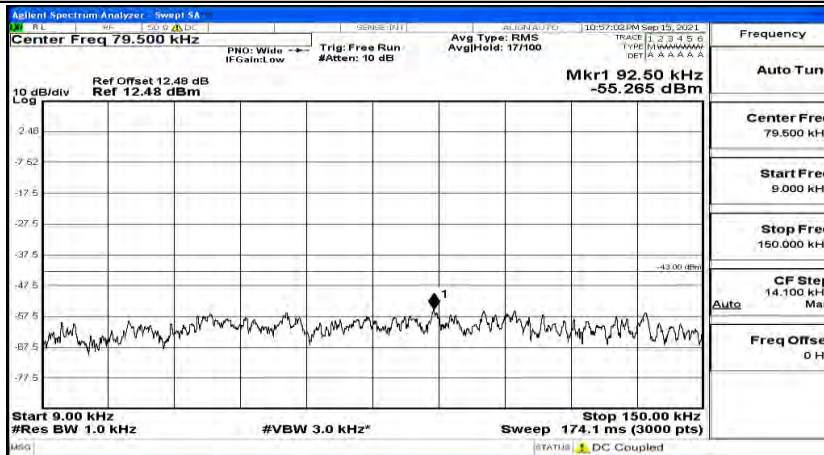


(Channel Bandwidth:20 MHz)_MCH_QPSK



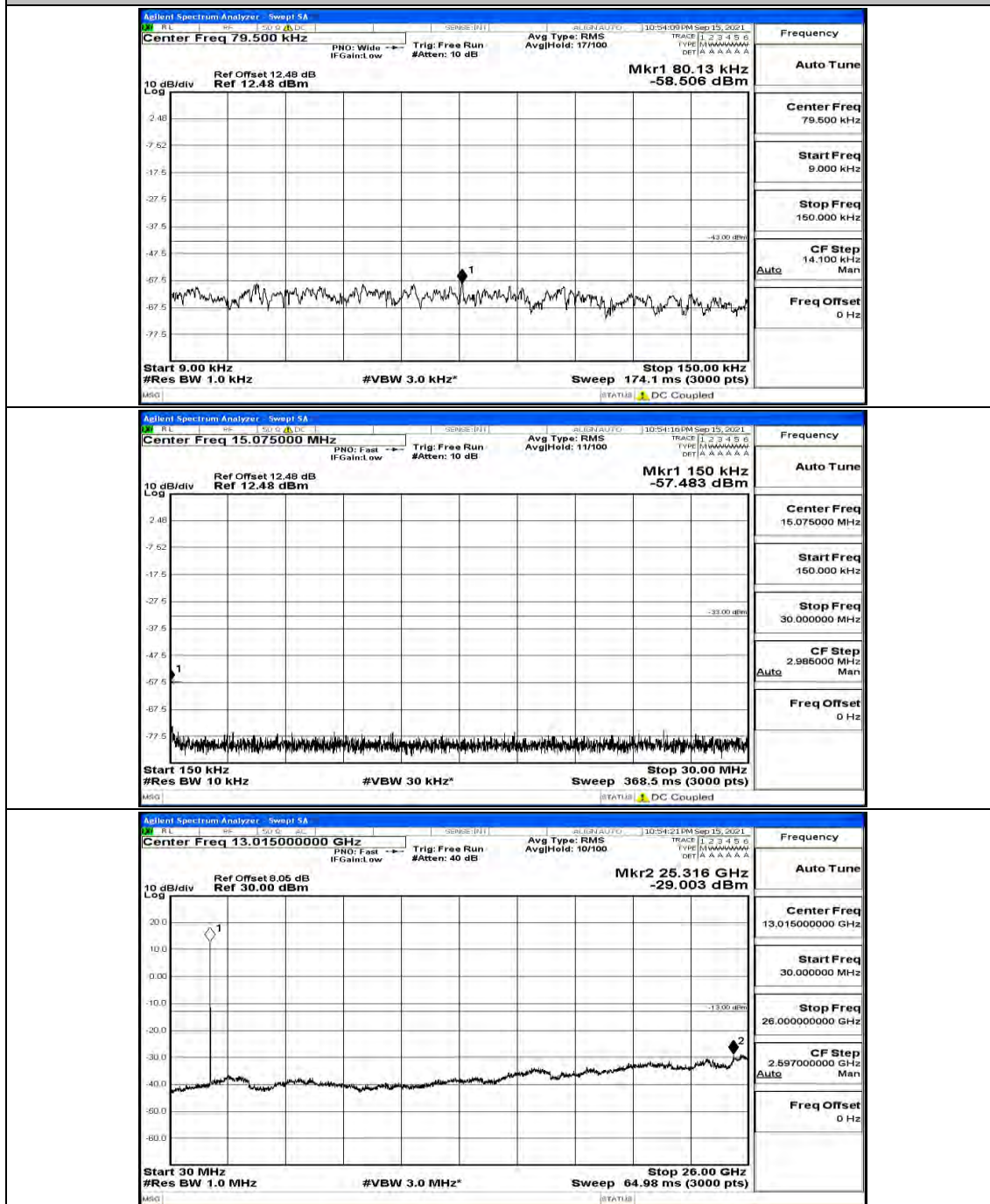


(Channel Bandwidth:20 MHz)_HCH_QPSK



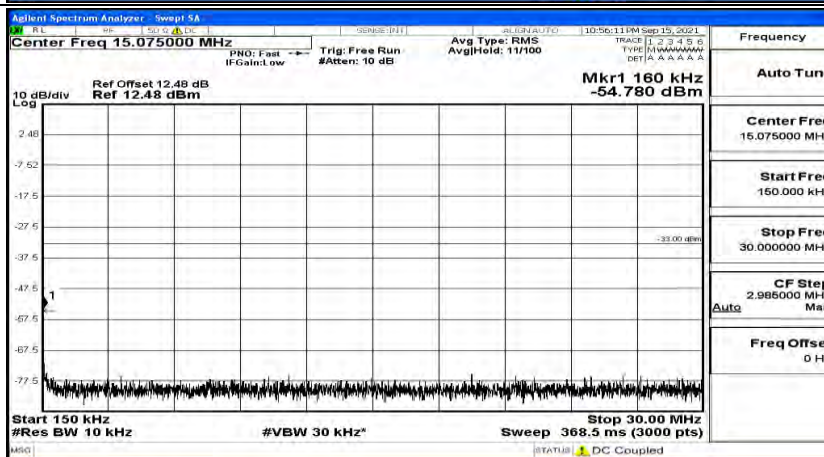
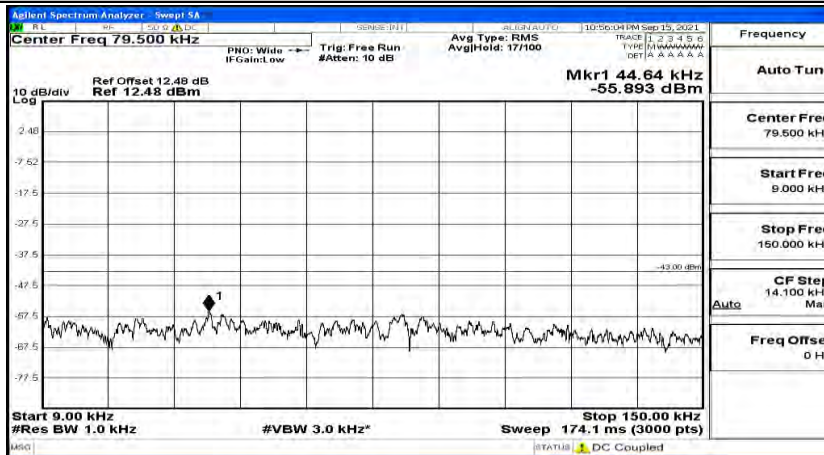


(Channel Bandwidth:20 MHz)_LCH_16QAM





(Channel Bandwidth:20 MHz)_MCH_16QAM





(Channel Bandwidth:20 MHz)_HCH_16QAM

