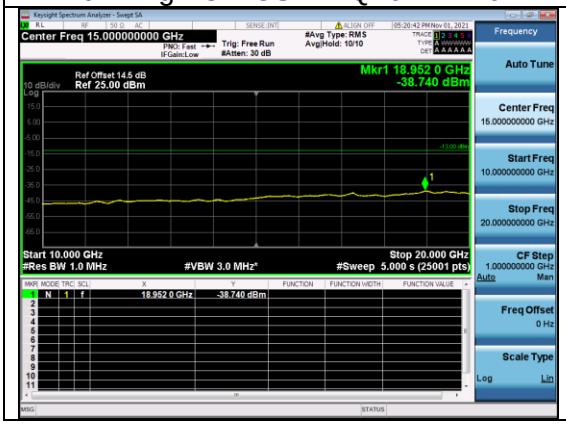
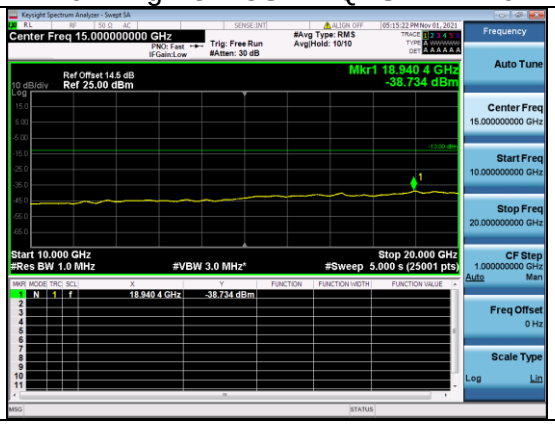
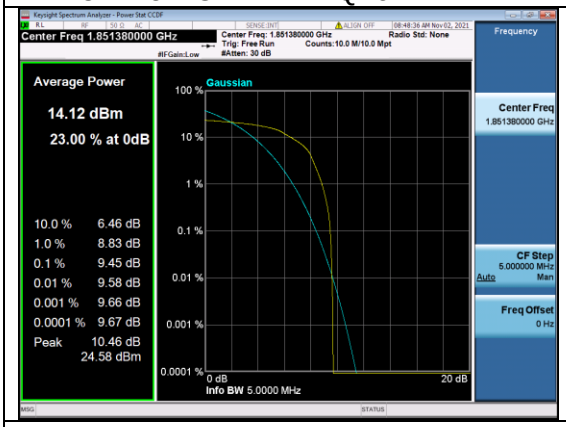
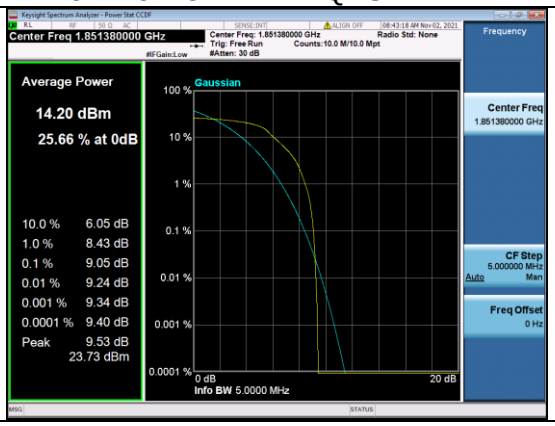
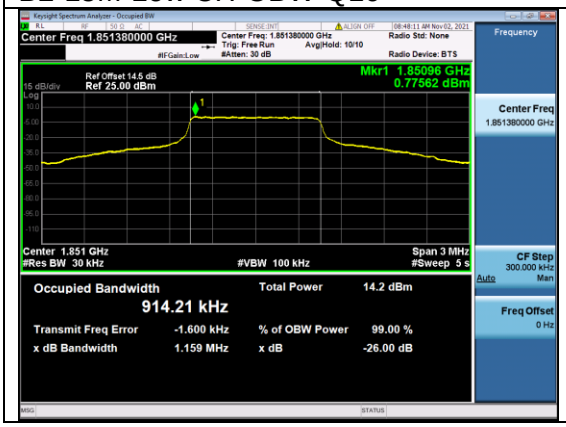
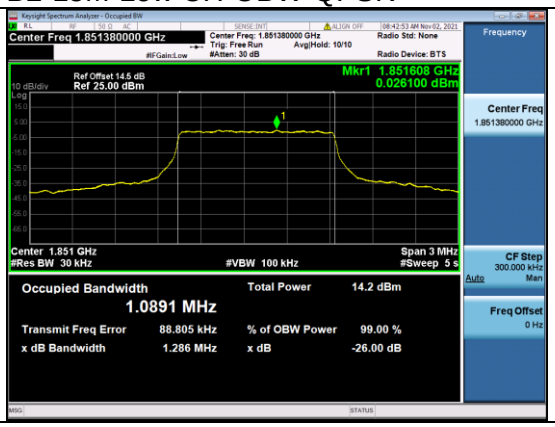
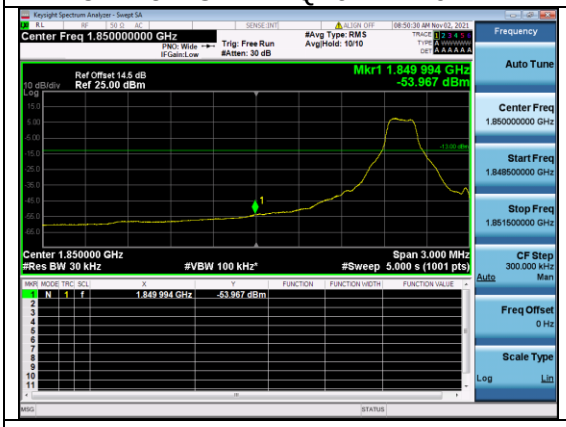
B2-10M-High CH-CSE-2-Q16-1 RB 0	B2-10M-High CH-CSE-2-QPSK-1 RB 0
	

15M test data

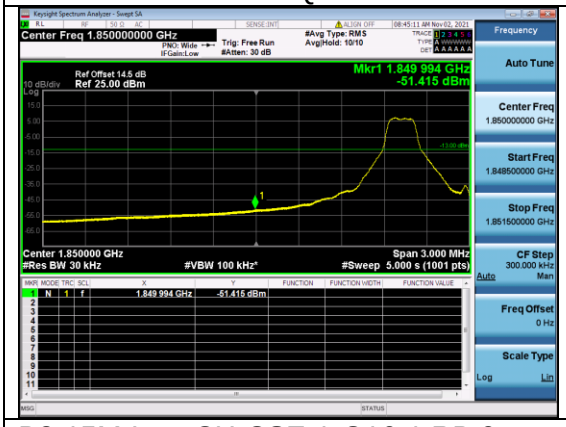
B2-15M-Low CH-PAPR-Q16	B2-15M-Low CH-PAPR-QPSK
	
B2-15M-Low CH-OBW-Q16	**B2-15M-Low CH-OBW-QPSK**
	

B2-15M-Low CH-BE-Q16-1 RB 0



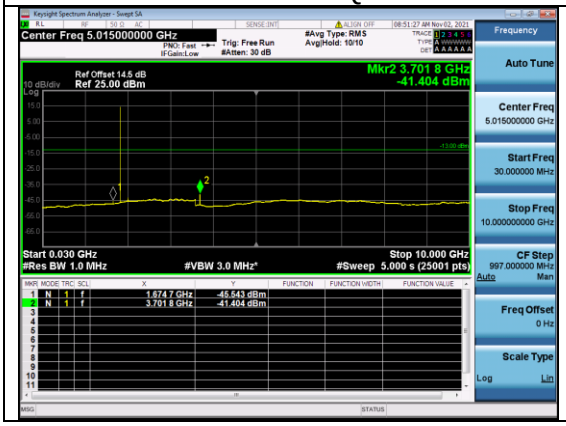
B2-15M-Low CH-BE-Q16-Full RB 0

B2-15M-Low CH-BE-QPSK-1 RB 0

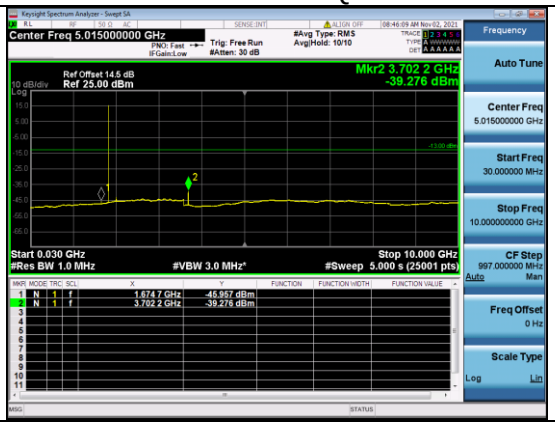


B2-15M-Low CH-BE-QPSK-Full RB 0

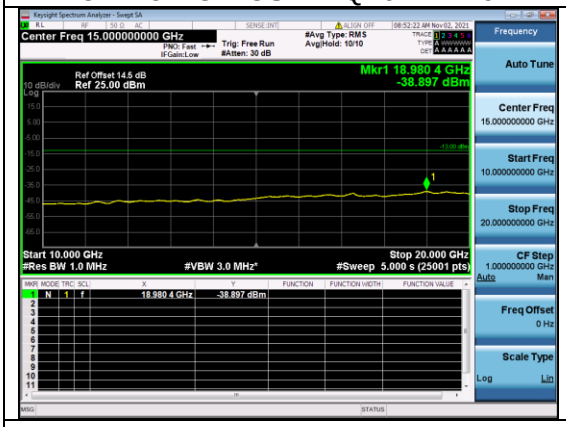
B2-15M-Low CH-CSE-1-Q16-1 RB 0



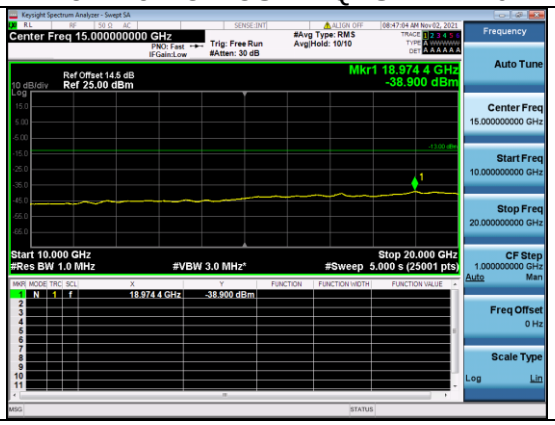
B2-15M-Low CH-CSE-1-QPSK-1 RB 0



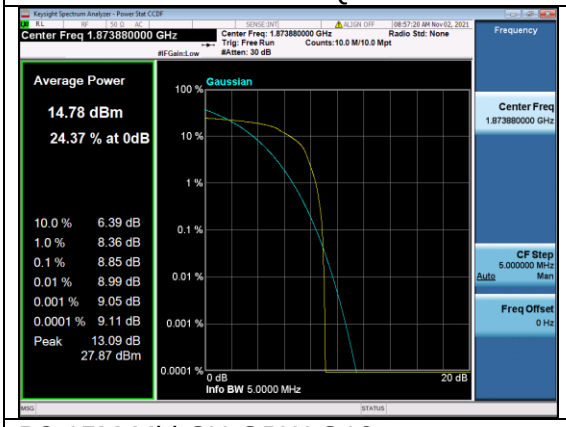
B2-15M-Low CH-CSE-2-Q16-1 RB 0



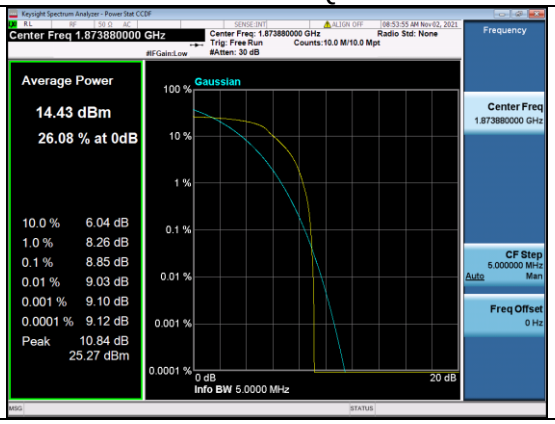
B2-15M-Low CH-CSE-2-QPSK-1 RB 0



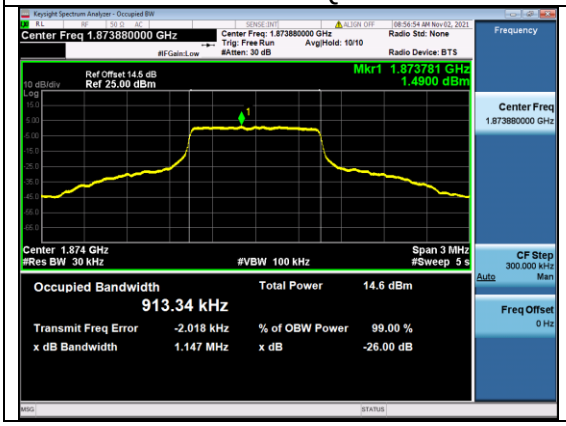
B2-15M-Mid CH-PAPR-Q16



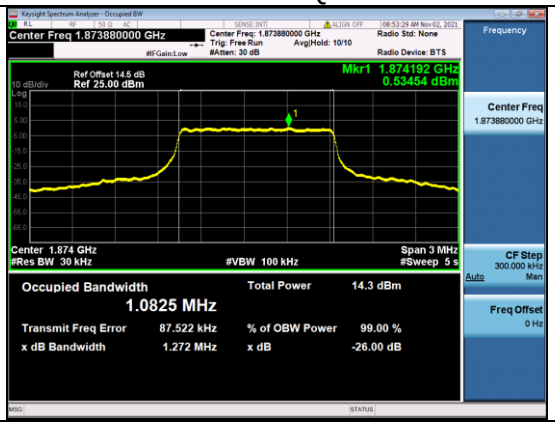
B2-15M-Mid CH-PAPR-QPSK



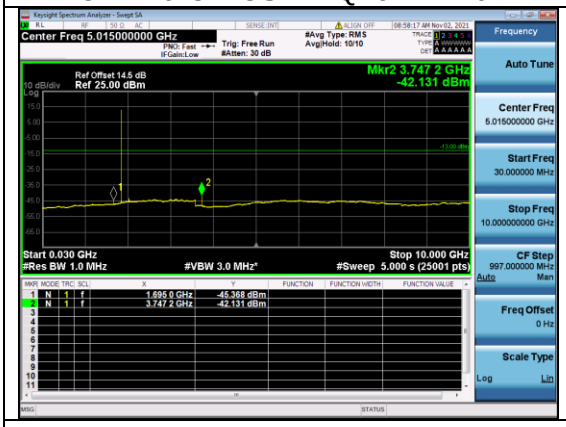
B2-15M-Mid CH-OBW-Q16



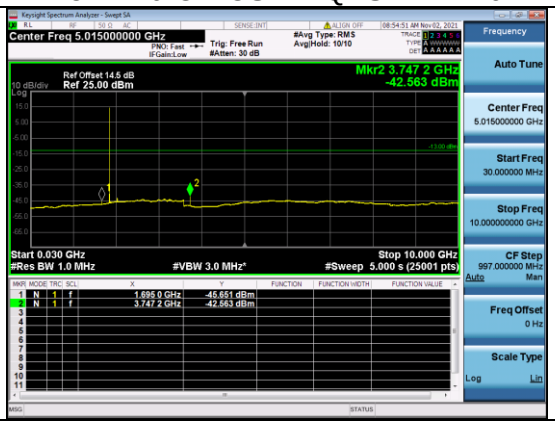
B2-15M-Mid CH-OBW-QPSK



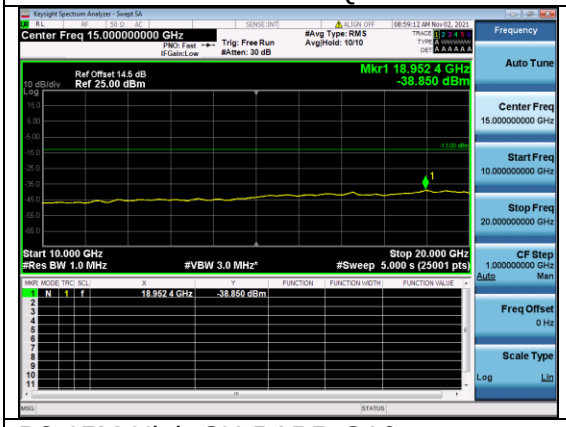
B2-15M-Mid CH-CSE-1-Q16-1 RB 0



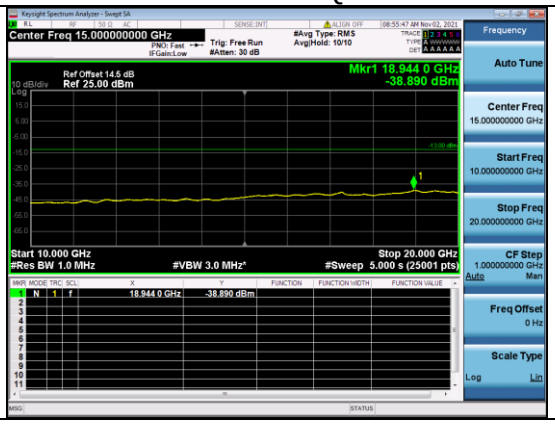
B2-15M-Mid CH-CSE-1-QPSK-1 RB 0



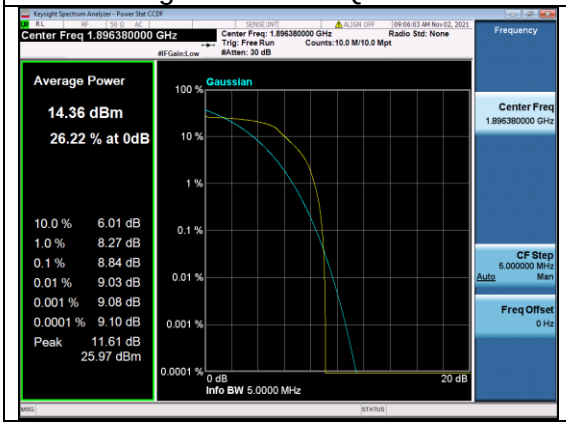
B2-15M-Mid CH-CSE-2-Q16-1 RB 0



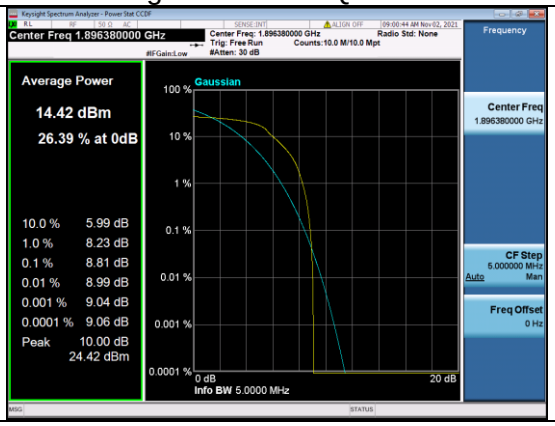
B2-15M-Mid CH-CSE-2-QPSK-1 RB 0



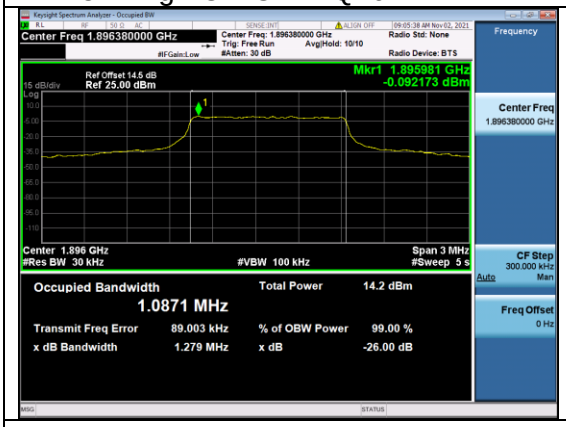
B2-15M-High CH-PAPR-Q16



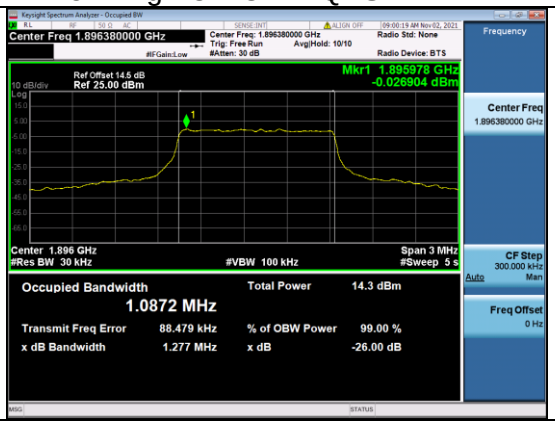
B2-15M-High CH-PAPR-QPSK



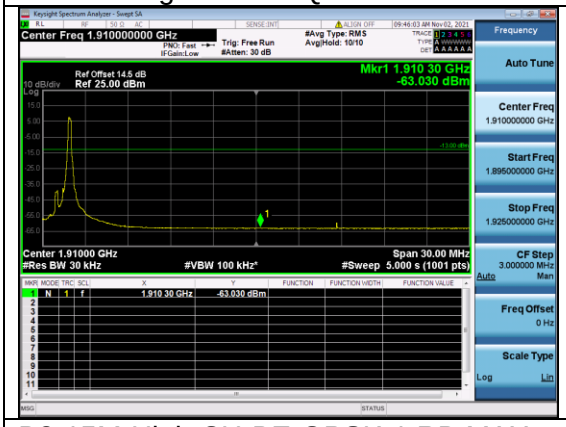
B2-15M-High CH-OBW-Q16



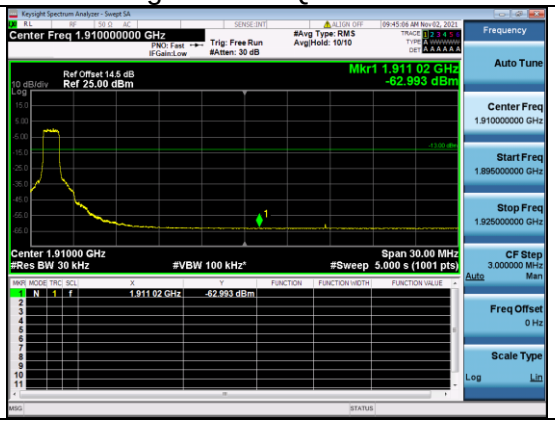
B2-15M-High CH-OBW-QPSK



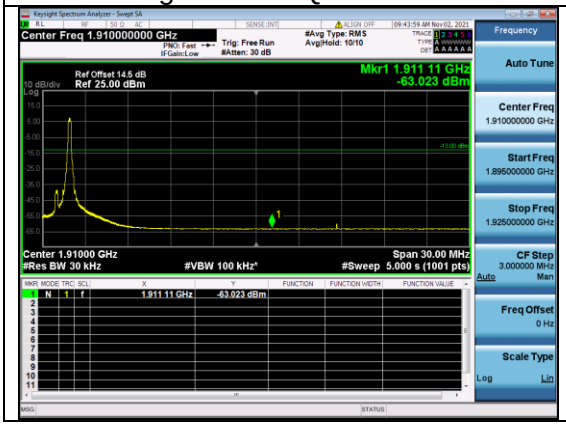
B2-15M-High CH-BE-Q16-1 RB MAX



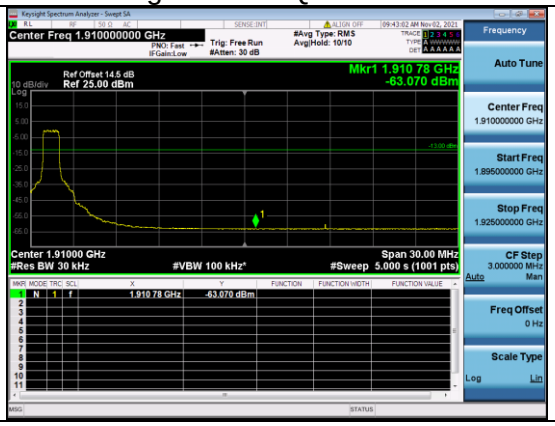
B2-15M-High CH-BE-Q16-Full RB 0

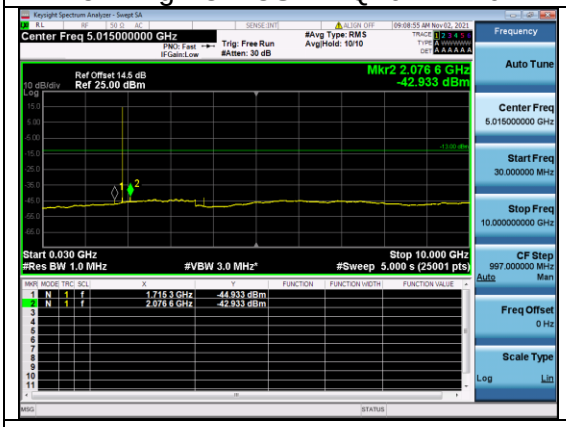
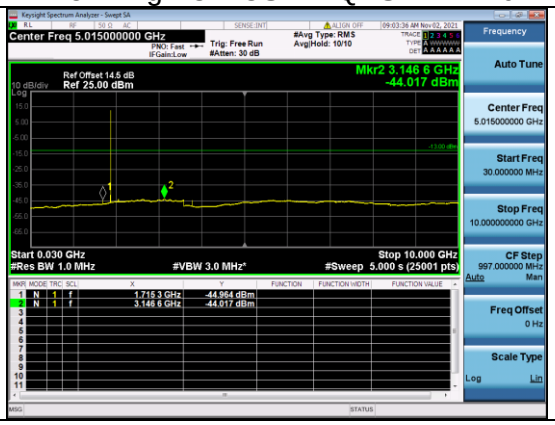
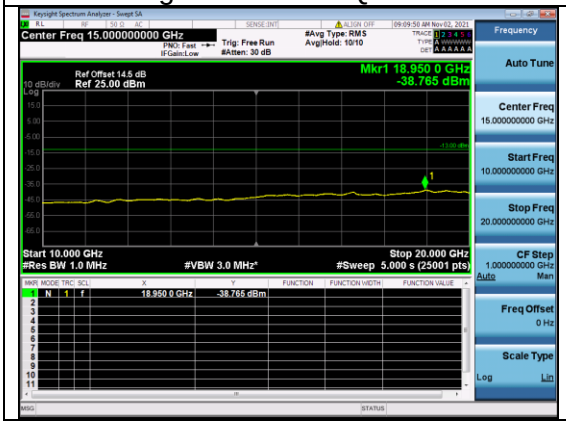
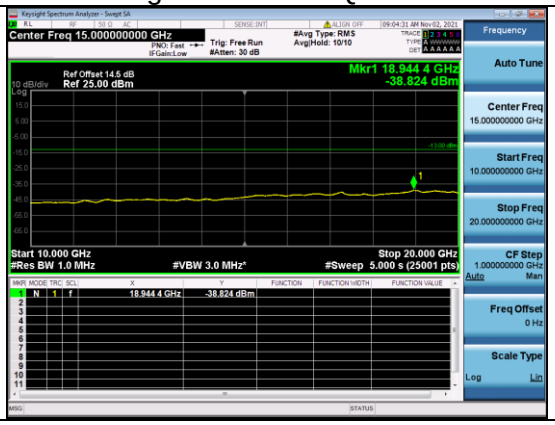


B2-15M-High CH-BE-QPSK-1 RB MAX

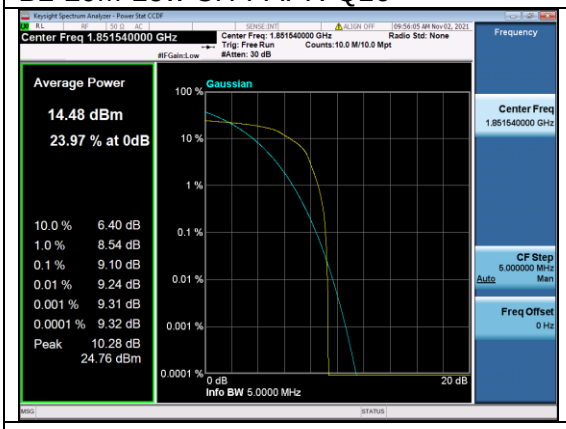
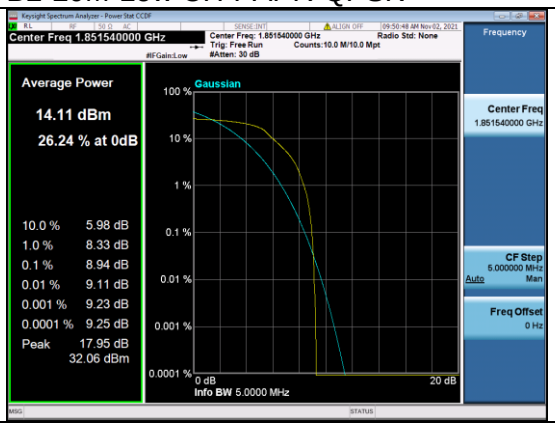
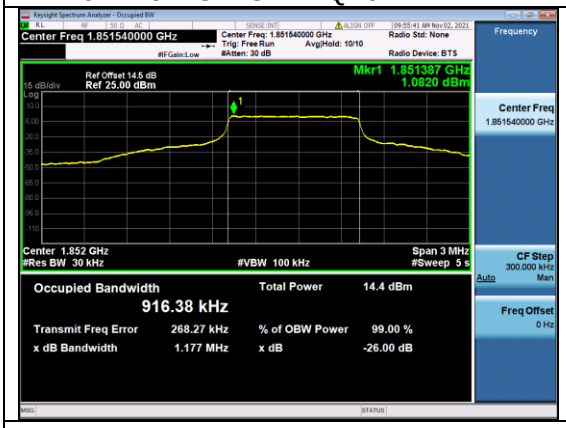
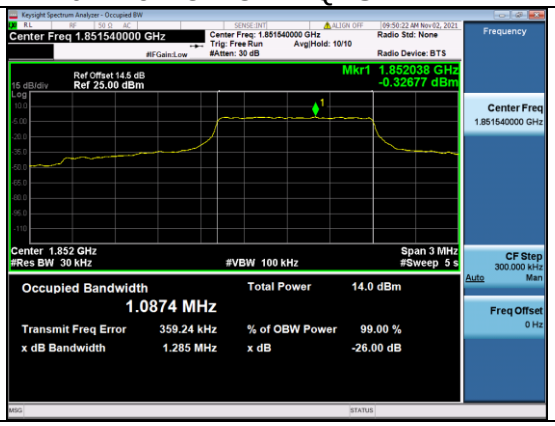
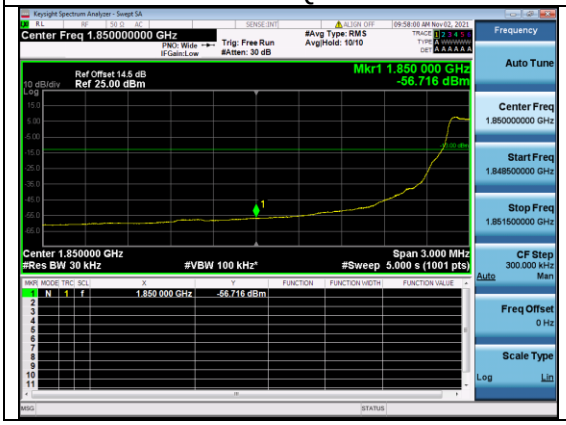


B2-15M-High CH-BE-QPSK-Full RB 0



B2-15M-High CH-CSE-1-Q16-1 RB 0	B2-15M-High CH-CSE-1-QPSK-1 RB 0
	
B2-15M-High CH-CSE-2-Q16-1 RB 0	B2-15M-High CH-CSE-2-QPSK-1 RB 0
	

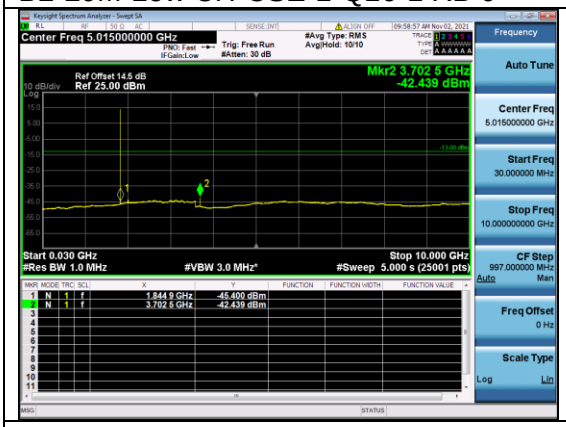
20M test data

B2-20M-Low CH-PAPR-Q16	B2-20M-Low CH-PAPR-QPSK
	
B2-20M-Low CH-OBW-Q16	B2-20M-Low CH-OBW-QPSK
	
B2-20M-Low CH-BE-Q16-1 RB 0	B2-20M-Low CH-BE-Q16-Full RB 0
	

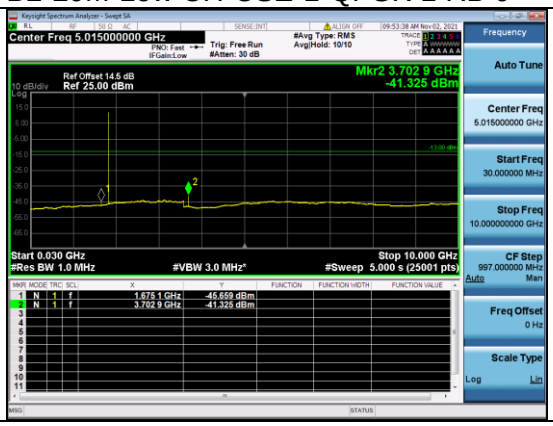
B2-20M-Low CH-BE-QPSK-1 RB 0

B2-20M-Low CH-BE-QPSK-Full RB 0

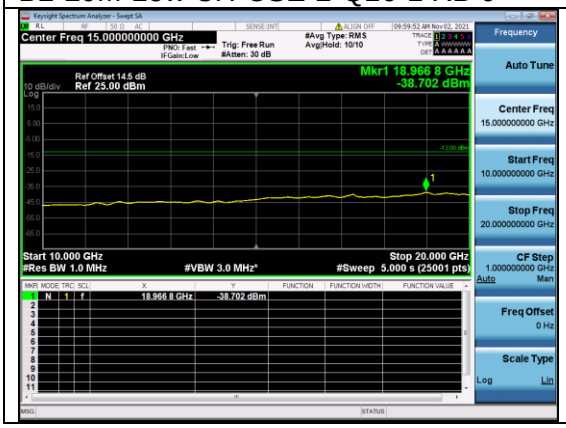
B2-20M-Low CH-CSE-1-Q16-1 RB 0



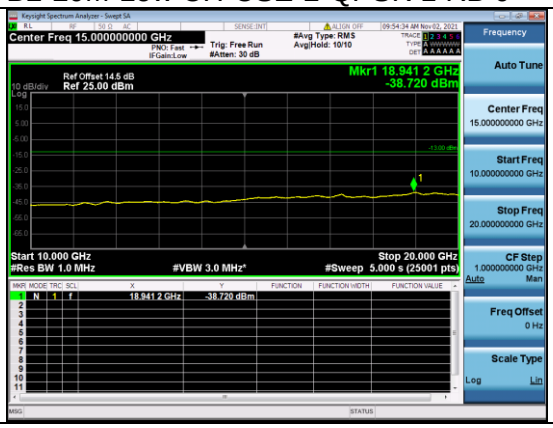
B2-20M-Low CH-CSE-1-QPSK-1 RB 0



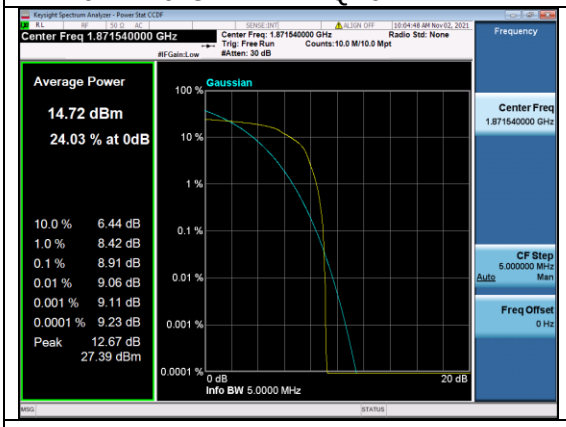
B2-20M-Low CH-CSE-2-Q16-1 RB 0



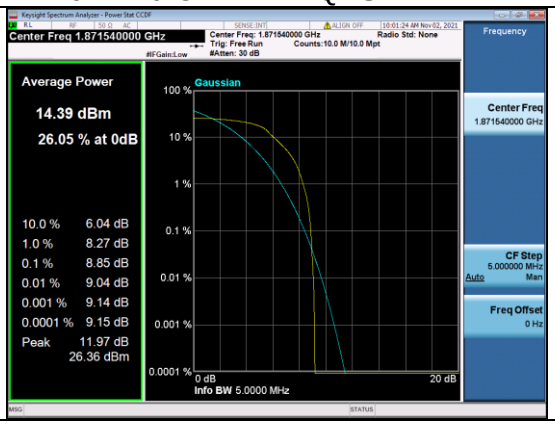
B2-20M-Low CH-CSE-2-QPSK-1 RB 0



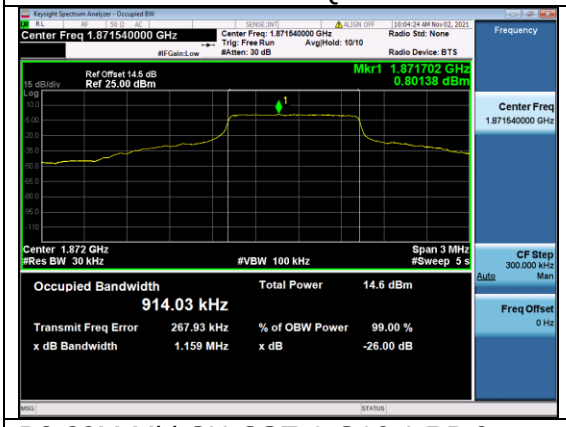
B2-20M-Mid CH-PAPR-Q16



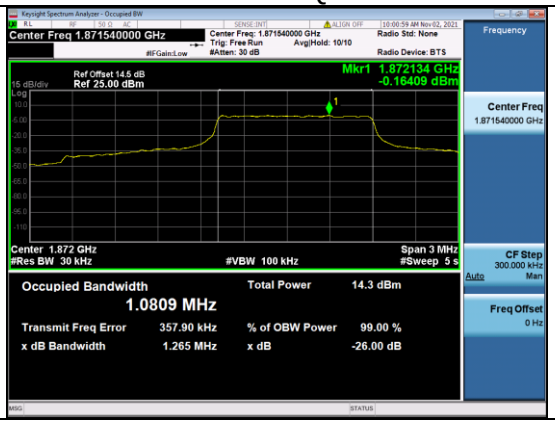
B2-20M-Mid CH-PAPR-QPSK



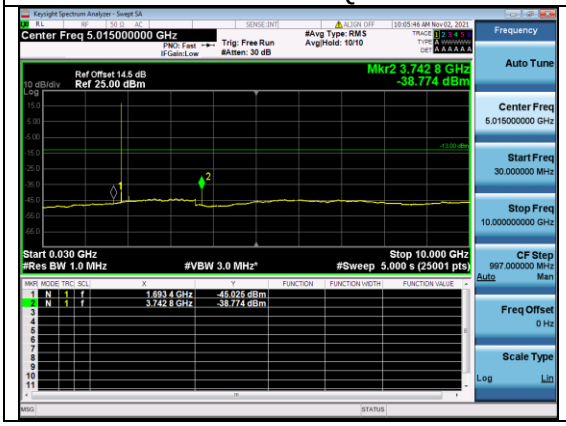
B2-20M-Mid CH-OBW-Q16



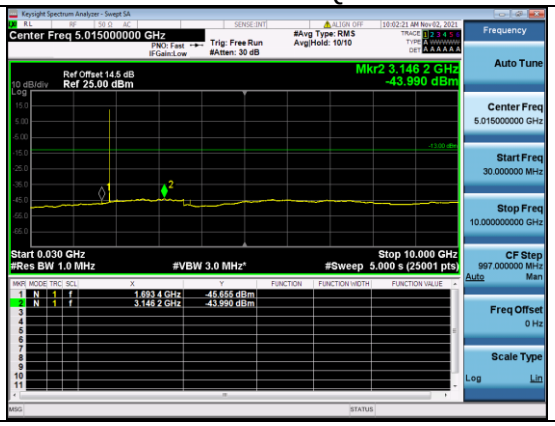
B2-20M-Mid CH-OBW-QPSK



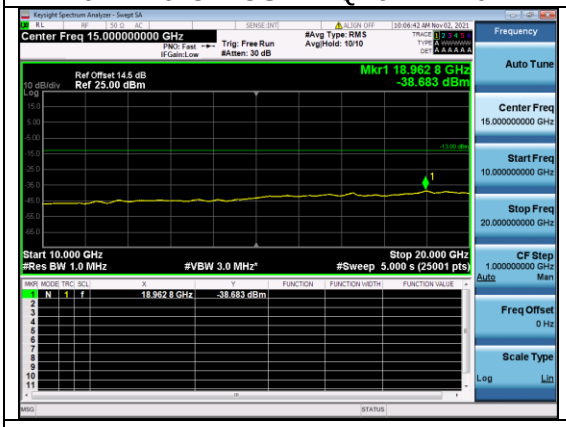
B2-20M-Mid CH-CSE-1-Q16-1 RB 0



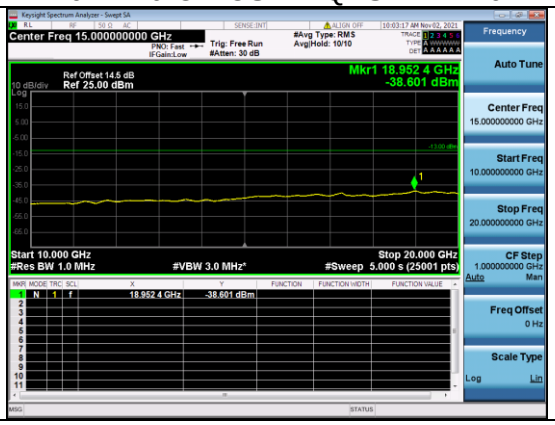
B2-20M-Mid CH-CSE-1-QPSK-1 RB 0



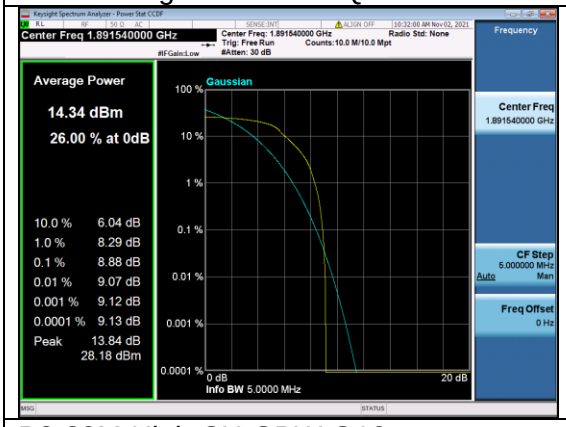
B2-20M-Mid CH-CSE-2-Q16-1 RB 0



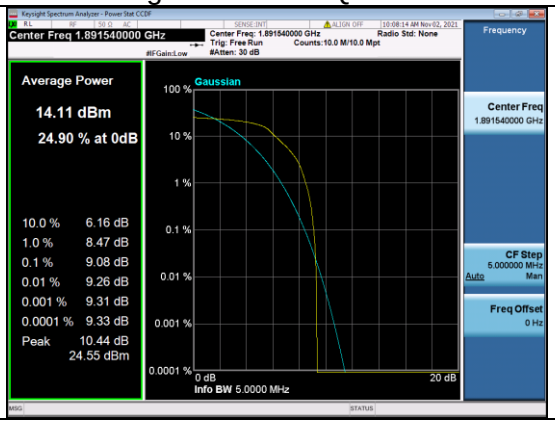
B2-20M-Mid CH-CSE-2-QPSK-1 RB 0



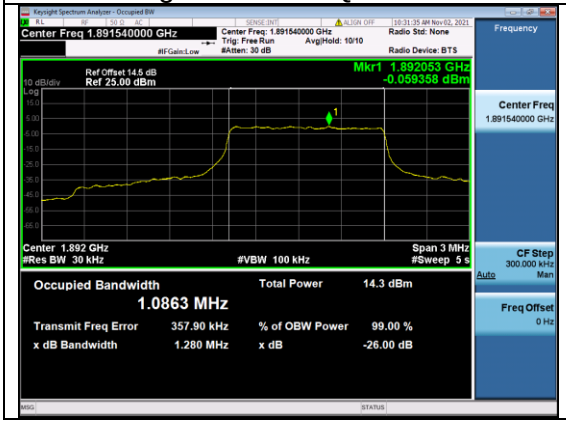
B2-20M-High CH-PAPR-Q16



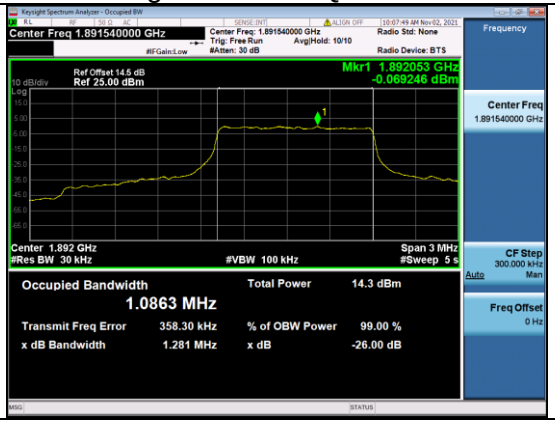
B2-20M-High CH-PAPR-QPSK

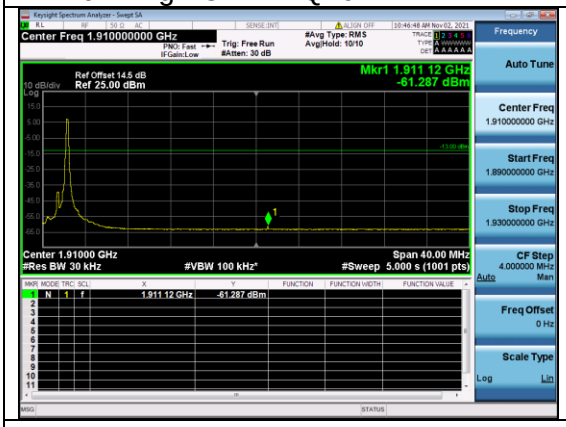
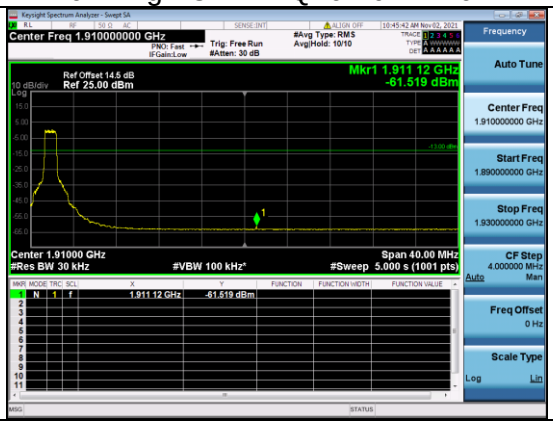
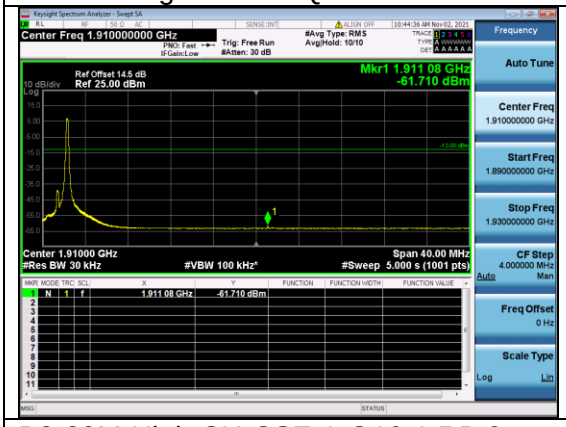
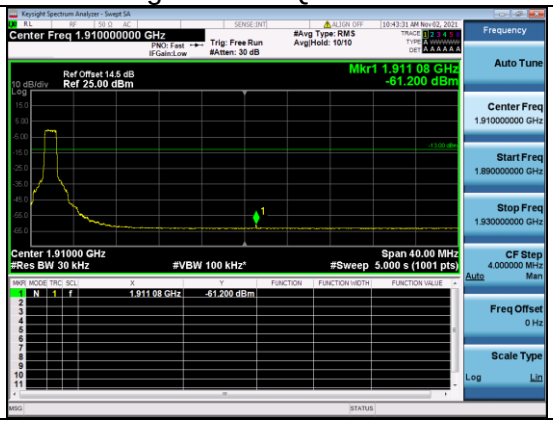
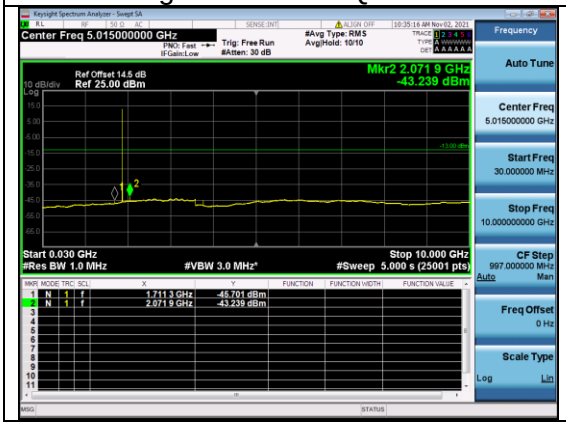
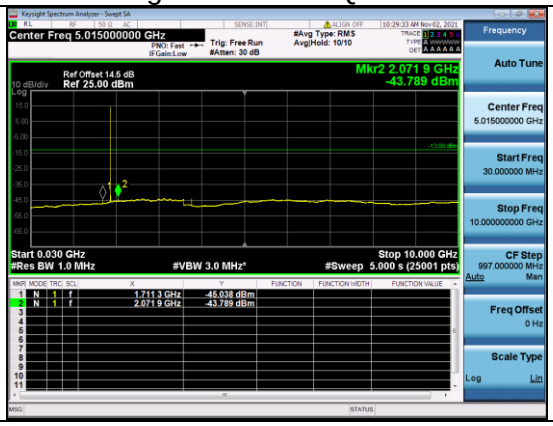


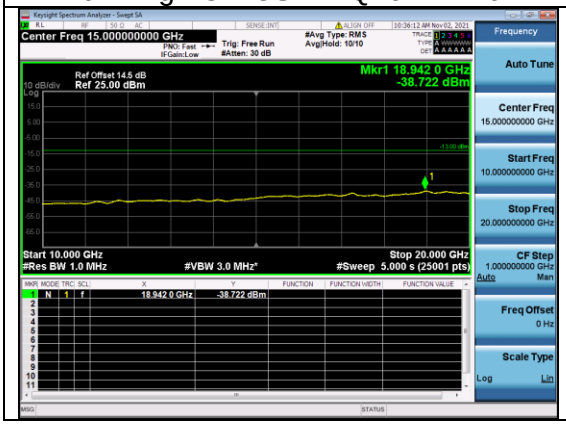
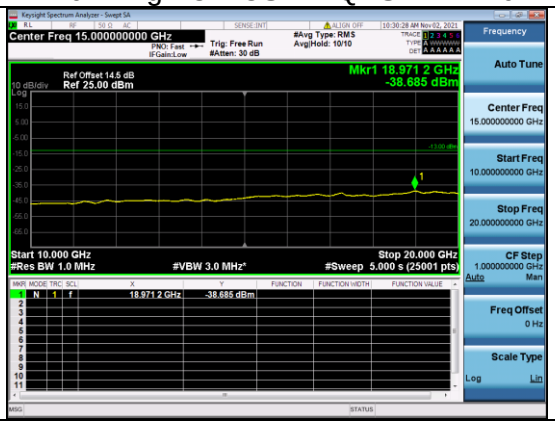
B2-20M-High CH-OBW-Q16



B2-20M-High CH-OBW-QPSK



B2-20M-High CH-BE-Q16-1 RB MAX	B2-20M-High CH-BE-Q16-Full RB 0
	
B2-20M-High CH-BE-QPSK-1 RB MAX	B2-20M-High CH-BE-QPSK-Full RB 0
	
B2-20M-High CH-CSE-1-Q16-1 RB 0	B2-20M-High CH-CSE-1-QPSK-1 RB 0
	

B2-20M-High CH-CSE-2-Q16-1 RB 0	B2-20M-High CH-CSE-2-QPSK-1 RB 0
	

3. Frequency Stability

3.1 B2_1.4MHz

3.1.1 Test Result

Band: 2 / Bandwidth: 1.4MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1850.7	6	0	20	5.4	-6.037	-0.0033	-2.5 to 2.5	Pass
					6.0	-4.520	-0.0024	-2.5 to 2.5	Pass
					6.6	-3.190	-0.0017	-2.5 to 2.5	Pass
				-30	6.0	-0.615	-0.0003	-2.5 to 2.5	Pass
				-20	6.0	5.751	0.0031	-2.5 to 2.5	Pass
				-10	6.0	9.627	0.0052	-2.5 to 2.5	Pass
				0	6.0	9.427	0.0051	-2.5 to 2.5	Pass
				10	6.0	13.289	0.0072	-2.5 to 2.5	Pass
				30	6.0	20.914	0.0113	-2.5 to 2.5	Pass
				40	6.0	26.422	0.0143	-2.5 to 2.5	Pass
				50	6.0	32.444	0.0175	-2.5 to 2.5	Pass
	1880	6	0	20	5.4	-14.048	-0.0075	-2.5 to 2.5	Pass
					6.0	-17.180	-0.0091	-2.5 to 2.5	Pass
					6.6	-12.932	-0.0069	-2.5 to 2.5	Pass
				-30	6.0	-9.127	-0.0049	-2.5 to 2.5	Pass
				-20	6.0	-5.050	-0.0027	-2.5 to 2.5	Pass
				-10	6.0	-1.316	-0.0007	-2.5 to 2.5	Pass
				0	6.0	3.133	0.0017	-2.5 to 2.5	Pass
				10	6.0	7.696	0.0041	-2.5 to 2.5	Pass
				30	6.0	11.129	0.0059	-2.5 to 2.5	Pass
				40	6.0	14.777	0.0079	-2.5 to 2.5	Pass
				50	6.0	18.854	0.0100	-2.5 to 2.5	Pass

	1909.3	6	0	20	5.4	-21.029	-0.0110	-2.5 to 2.5	Pass
					6.0	-21.544	-0.0113	-2.5 to 2.5	Pass
					6.6	-18.368	-0.0096	-2.5 to 2.5	Pass
				-30	6.0	-14.076	-0.0074	-2.5 to 2.5	Pass
				-20	6.0	-9.127	-0.0048	-2.5 to 2.5	Pass
				-10	6.0	-4.907	-0.0026	-2.5 to 2.5	Pass
				0	6.0	-0.873	-0.0005	-2.5 to 2.5	Pass
				10	6.0	3.319	0.0017	-2.5 to 2.5	Pass
				30	6.0	8.140	0.0043	-2.5 to 2.5	Pass
				40	6.0	11.973	0.0063	-2.5 to 2.5	Pass
				50	6.0	16.766	0.0088	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	5.4	37.279	0.0201	-2.5 to 2.5	Pass
					6.0	42.658	0.0230	-2.5 to 2.5	Pass
					6.6	47.264	0.0255	-2.5 to 2.5	Pass
				-30	6.0	50.654	0.0274	-2.5 to 2.5	Pass
				-20	6.0	-8.497	-0.0046	-2.5 to 2.5	Pass
				-10	6.0	-5.422	-0.0029	-2.5 to 2.5	Pass
				0	6.0	-2.847	-0.0015	-2.5 to 2.5	Pass
				10	6.0	-1.073	-0.0006	-2.5 to 2.5	Pass
				30	6.0	2.074	0.0011	-2.5 to 2.5	Pass
				40	6.0	3.591	0.0019	-2.5 to 2.5	Pass
				50	6.0	5.336	0.0029	-2.5 to 2.5	Pass
	1880	6	0	20	5.4	23.117	0.0123	-2.5 to 2.5	Pass
					6.0	26.751	0.0142	-2.5 to 2.5	Pass
					6.6	30.427	0.0162	-2.5 to 2.5	Pass
				-30	6.0	34.146	0.0182	-2.5 to 2.5	Pass
				-20	6.0	37.808	0.0201	-2.5 to 2.5	Pass
				-10	6.0	2.804	0.0015	-2.5 to 2.5	Pass

				0	6.0	5.436	0.0029	-2.5 to 2.5	Pass
				10	6.0	8.497	0.0045	-2.5 to 2.5	Pass
				30	6.0	10.285	0.0055	-2.5 to 2.5	Pass
				40	6.0	11.873	0.0063	-2.5 to 2.5	Pass
				50	6.0	14.877	0.0079	-2.5 to 2.5	Pass
	1909.3	6	0	20	5.4	20.456	0.0107	-2.5 to 2.5	Pass
					6.0	24.276	0.0127	-2.5 to 2.5	Pass
					6.6	28.424	0.0149	-2.5 to 2.5	Pass
				-30	6.0	31.071	0.0163	-2.5 to 2.5	Pass
				-20	6.0	33.975	0.0178	-2.5 to 2.5	Pass
				-10	6.0	36.879	0.0193	-2.5 to 2.5	Pass
				0	6.0	40.612	0.0213	-2.5 to 2.5	Pass
				10	6.0	42.729	0.0224	-2.5 to 2.5	Pass
				30	6.0	44.746	0.0234	-2.5 to 2.5	Pass
				40	6.0	47.321	0.0248	-2.5 to 2.5	Pass
				50	6.0	0.272	0.0001	-2.5 to 2.5	Pass

3.2 B2_3MHz

3.2.1 Test Result

Band: 2 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1851.5	6	0	20	5.4	-8.197	-0.0044	-2.5 to 2.5	Pass
					6.0	-6.752	-0.0036	-2.5 to 2.5	Pass
					6.6	-3.576	-0.0019	-2.5 to 2.5	Pass
				-30	6.0	-0.272	-0.0001	-2.5 to 2.5	Pass
				-20	6.0	3.233	0.0017	-2.5 to 2.5	Pass
				-10	6.0	6.552	0.0035	-2.5 to 2.5	Pass

				0	6.0	11.559	0.0062	-2.5 to 2.5	Pass
				10	6.0	15.936	0.0086	-2.5 to 2.5	Pass
				30	6.0	19.927	0.0108	-2.5 to 2.5	Pass
				40	6.0	23.918	0.0129	-2.5 to 2.5	Pass
				50	6.0	27.094	0.0146	-2.5 to 2.5	Pass
	1880	6	0	20	5.4	-5.379	-0.0029	-2.5 to 2.5	Pass
					6.0	-12.474	-0.0066	-2.5 to 2.5	Pass
					6.6	-9.670	-0.0051	-2.5 to 2.5	Pass
				-30	6.0	-8.197	-0.0044	-2.5 to 2.5	Pass
				-20	6.0	-6.008	-0.0032	-2.5 to 2.5	Pass
				-10	6.0	-4.234	-0.0023	-2.5 to 2.5	Pass
				0	6.0	-0.958	-0.0005	-2.5 to 2.5	Pass
				10	6.0	2.031	0.0011	-2.5 to 2.5	Pass
				30	6.0	4.764	0.0025	-2.5 to 2.5	Pass
				40	6.0	7.081	0.0038	-2.5 to 2.5	Pass
				50	6.0	10.057	0.0053	-2.5 to 2.5	Pass
	1908.5	6	0	20	5.4	-8.569	-0.0045	-2.5 to 2.5	Pass
					6.0	-11.072	-0.0058	-2.5 to 2.5	Pass
					6.6	-11.086	-0.0058	-2.5 to 2.5	Pass
				-30	6.0	-9.027	-0.0047	-2.5 to 2.5	Pass
				-20	6.0	-7.181	-0.0038	-2.5 to 2.5	Pass
				-10	6.0	-5.565	-0.0029	-2.5 to 2.5	Pass
				0	6.0	-3.819	-0.0020	-2.5 to 2.5	Pass
				10	6.0	-2.818	-0.0015	-2.5 to 2.5	Pass
				30	6.0	-0.415	-0.0002	-2.5 to 2.5	Pass
				40	6.0	1.087	0.0006	-2.5 to 2.5	Pass
				50	6.0	3.319	0.0017	-2.5 to 2.5	Pass
16QAM	1851.5	6	0	20	5.4	31.300	0.0169	-2.5 to 2.5	Pass

					6.0	35.319	0.0191	-2.5 to 2.5	Pass
					6.6	37.079	0.0200	-2.5 to 2.5	Pass
				-30	6.0	40.669	0.0220	-2.5 to 2.5	Pass
				-20	6.0	43.917	0.0237	-2.5 to 2.5	Pass
				-10	6.0	46.535	0.0251	-2.5 to 2.5	Pass
				0	6.0	11.930	0.0064	-2.5 to 2.5	Pass
				10	6.0	13.504	0.0073	-2.5 to 2.5	Pass
				30	6.0	15.349	0.0083	-2.5 to 2.5	Pass
				40	6.0	18.182	0.0098	-2.5 to 2.5	Pass
				50	6.0	19.355	0.0105	-2.5 to 2.5	Pass
	1880	6	0		5.4	12.517	0.0067	-2.5 to 2.5	Pass
				20	6.0	15.464	0.0082	-2.5 to 2.5	Pass
					6.6	17.395	0.0093	-2.5 to 2.5	Pass
				-30	6.0	20.771	0.0110	-2.5 to 2.5	Pass
				-20	6.0	22.674	0.0121	-2.5 to 2.5	Pass
				-10	6.0	24.762	0.0132	-2.5 to 2.5	Pass
				0	6.0	27.137	0.0144	-2.5 to 2.5	Pass
				10	6.0	28.367	0.0151	-2.5 to 2.5	Pass
				30	6.0	30.112	0.0160	-2.5 to 2.5	Pass
				40	6.0	31.786	0.0169	-2.5 to 2.5	Pass
				50	6.0	32.988	0.0175	-2.5 to 2.5	Pass
	1908.5	6	0		5.4	3.877	0.0020	-2.5 to 2.5	Pass
				20	6.0	5.522	0.0029	-2.5 to 2.5	Pass
					6.6	7.010	0.0037	-2.5 to 2.5	Pass
				-30	6.0	8.798	0.0046	-2.5 to 2.5	Pass
				-20	6.0	9.613	0.0050	-2.5 to 2.5	Pass
				-10	6.0	10.543	0.0055	-2.5 to 2.5	Pass
				0	6.0	11.759	0.0062	-2.5 to 2.5	Pass

				10	6.0	12.045	0.0063	-2.5 to 2.5	Pass
				30	6.0	13.576	0.0071	-2.5 to 2.5	Pass
				40	6.0	13.490	0.0071	-2.5 to 2.5	Pass
				50	6.0	13.475	0.0071	-2.5 to 2.5	Pass

3.3 B2_5MHz

3.3.1 Test Result

Band: 2 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1852.5	6	0	20	5.4	-25.406	-0.0137	-2.5 to 2.5	Pass
					6.0	-28.424	-0.0153	-2.5 to 2.5	Pass
					6.6	-27.981	-0.0151	-2.5 to 2.5	Pass
				-30	6.0	-28.195	-0.0152	-2.5 to 2.5	Pass
				-20	6.0	-28.539	-0.0154	-2.5 to 2.5	Pass
				-10	6.0	-27.967	-0.0151	-2.5 to 2.5	Pass
				0	6.0	-26.493	-0.0143	-2.5 to 2.5	Pass
				10	6.0	-24.877	-0.0134	-2.5 to 2.5	Pass
				30	6.0	-24.219	-0.0131	-2.5 to 2.5	Pass
				40	6.0	-23.303	-0.0126	-2.5 to 2.5	Pass
				50	6.0	-23.389	-0.0126	-2.5 to 2.5	Pass
	1880	6	0	20	5.4	3.719	0.0020	-2.5 to 2.5	Pass
					6.0	0.629	0.0003	-2.5 to 2.5	Pass
					6.6	3.619	0.0019	-2.5 to 2.5	Pass
				-30	6.0	6.866	0.0037	-2.5 to 2.5	Pass
				-20	6.0	9.627	0.0051	-2.5 to 2.5	Pass
				-10	6.0	11.673	0.0062	-2.5 to 2.5	Pass
				0	6.0	13.433	0.0071	-2.5 to 2.5	Pass

				10	6.0	17.180	0.0091	-2.5 to 2.5	Pass
				30	6.0	20.485	0.0109	-2.5 to 2.5	Pass
				40	6.0	24.118	0.0128	-2.5 to 2.5	Pass
				50	6.0	26.779	0.0142	-2.5 to 2.5	Pass
	1907.5	6	0	20	5.4	-21.687	-0.0114	-2.5 to 2.5	Pass
					6.0	-23.317	-0.0122	-2.5 to 2.5	Pass
					6.6	-21.429	-0.0112	-2.5 to 2.5	Pass
				-30	6.0	-19.526	-0.0102	-2.5 to 2.5	Pass
				-20	6.0	-18.654	-0.0098	-2.5 to 2.5	Pass
				-10	6.0	-16.851	-0.0088	-2.5 to 2.5	Pass
				0	6.0	-14.563	-0.0076	-2.5 to 2.5	Pass
				10	6.0	-12.560	-0.0066	-2.5 to 2.5	Pass
				30	6.0	-11.344	-0.0059	-2.5 to 2.5	Pass
				40	6.0	-9.670	-0.0051	-2.5 to 2.5	Pass
				50	6.0	-7.582	-0.0040	-2.5 to 2.5	Pass
16QAM	1852.5	6	0	20	5.4	-21.486	-0.0116	-2.5 to 2.5	Pass
					6.0	-19.283	-0.0104	-2.5 to 2.5	Pass
					6.6	-17.738	-0.0096	-2.5 to 2.5	Pass
				-30	6.0	-17.567	-0.0095	-2.5 to 2.5	Pass
				-20	6.0	-15.864	-0.0086	-2.5 to 2.5	Pass
				-10	6.0	-14.806	-0.0080	-2.5 to 2.5	Pass
				0	6.0	-14.019	-0.0076	-2.5 to 2.5	Pass
				10	6.0	-12.989	-0.0070	-2.5 to 2.5	Pass
				30	6.0	-12.674	-0.0068	-2.5 to 2.5	Pass
				40	6.0	-11.716	-0.0063	-2.5 to 2.5	Pass
				50	6.0	-10.943	-0.0059	-2.5 to 2.5	Pass
	1880	6	0	20	5.4	30.241	0.0161	-2.5 to 2.5	Pass
					6.0	33.689	0.0179	-2.5 to 2.5	Pass