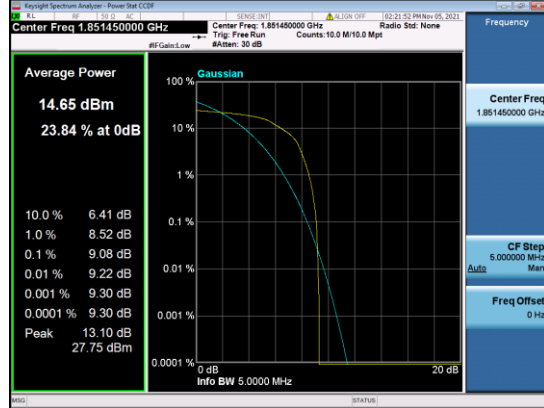
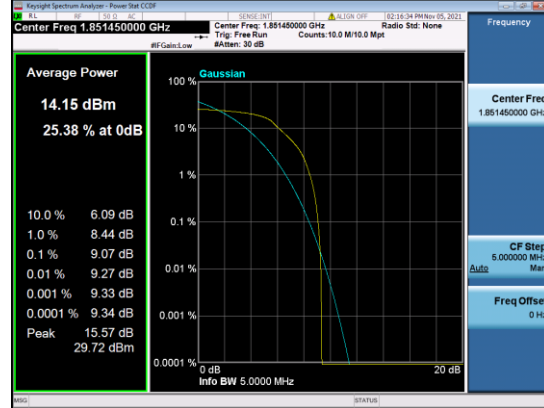


15M

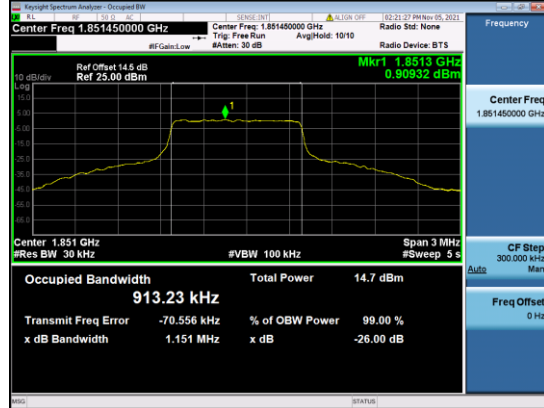
B25-15M-Low CH-PAPR-Q16



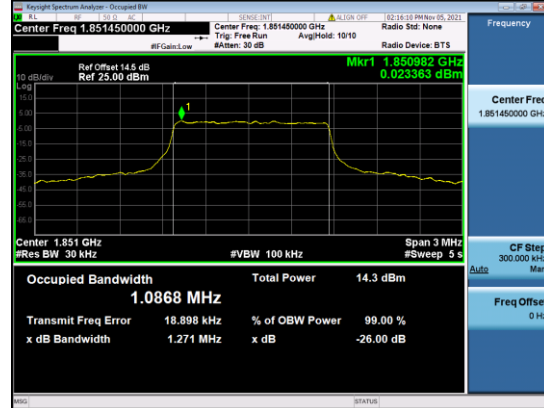
B25-15M-Low CH-PAPR-QPSK



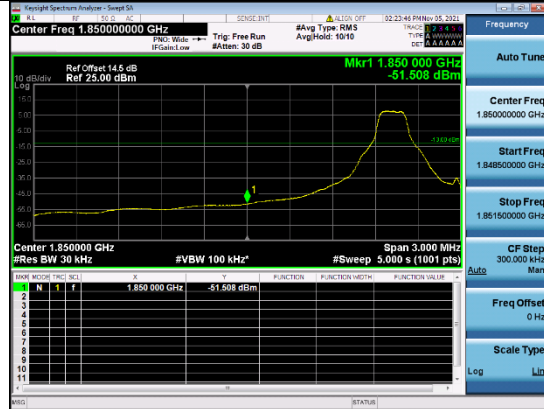
B25-15M-Low CH-OBW-Q16



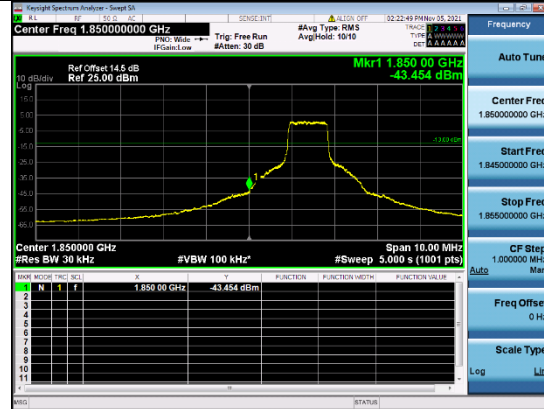
B25-15M-Low CH-OBW-QPSK



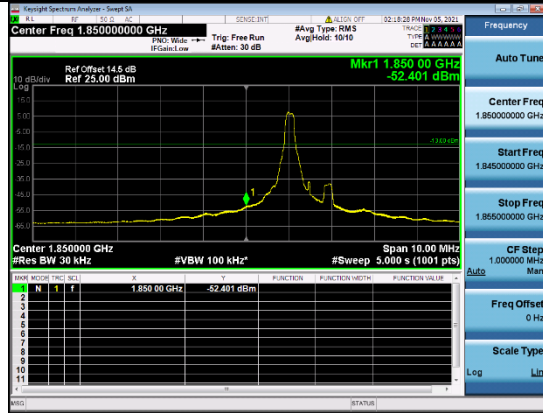
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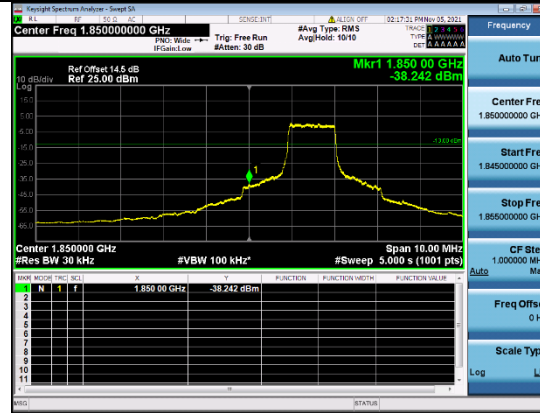
B25-15M-Low CH-BE-Q16-Full RB 0



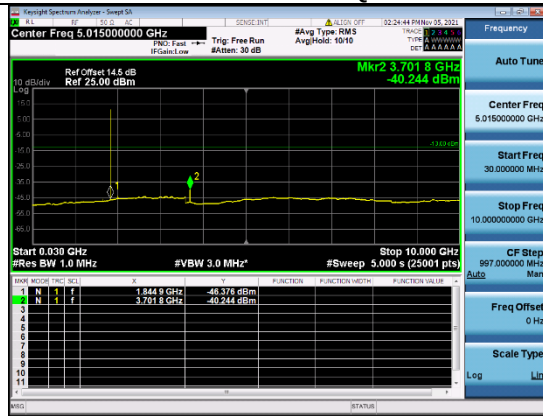
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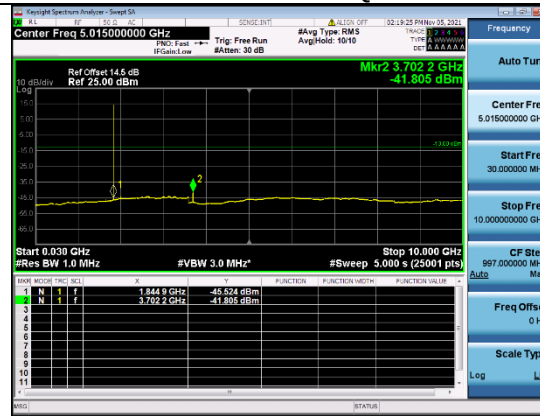
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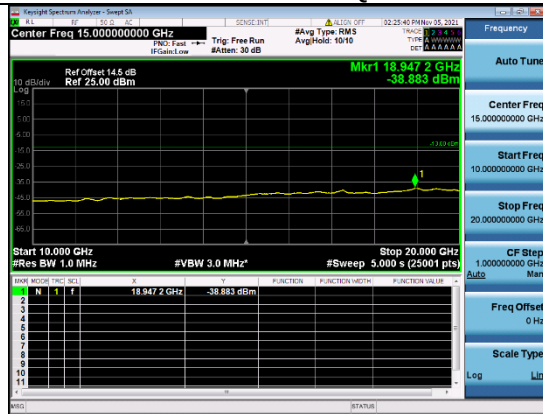
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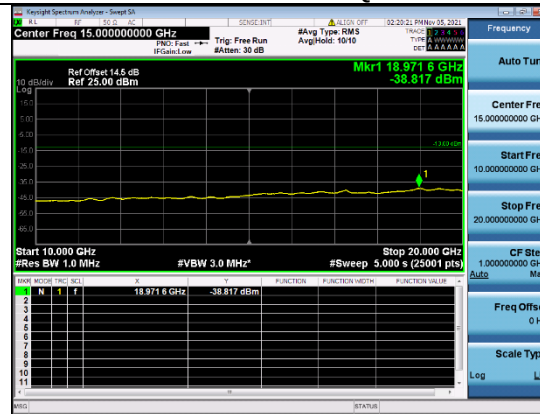
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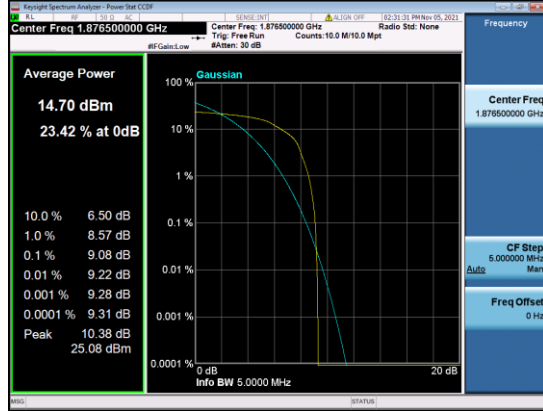
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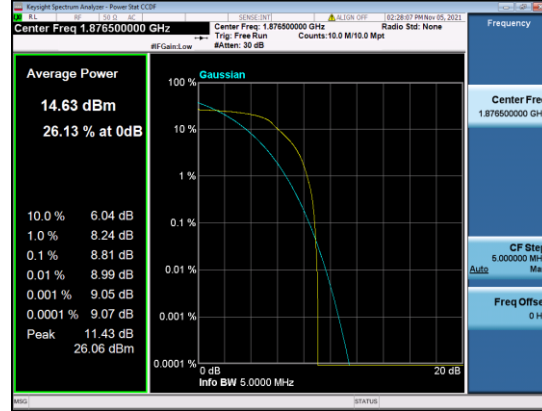
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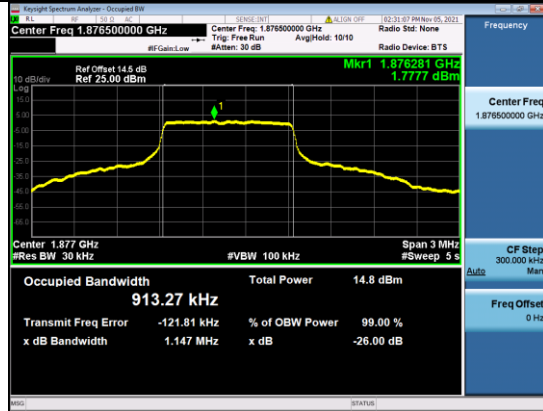
B25-15M-Mid CH-PAPR-Q16



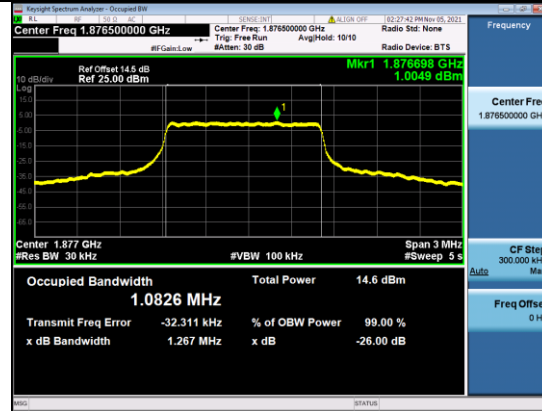
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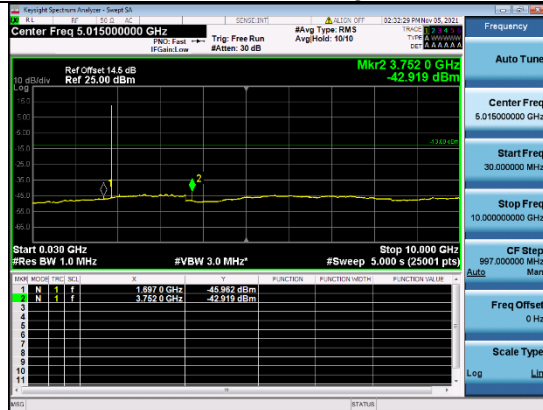
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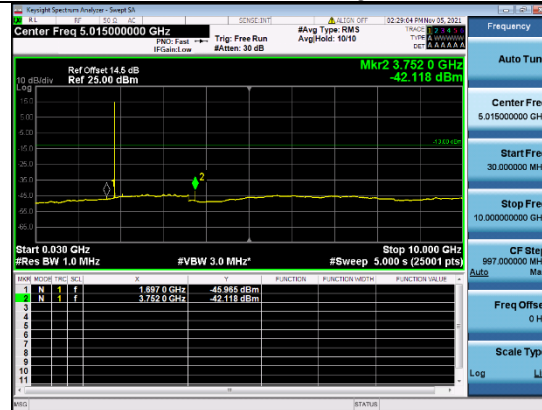
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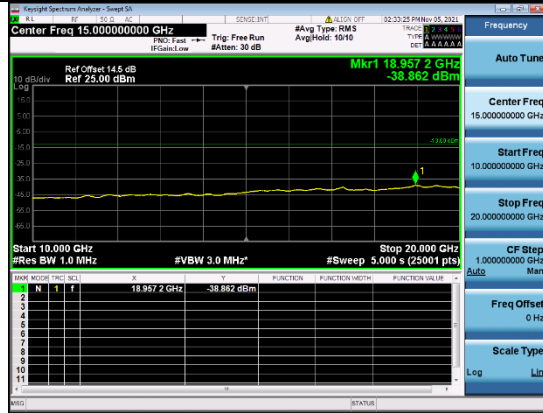
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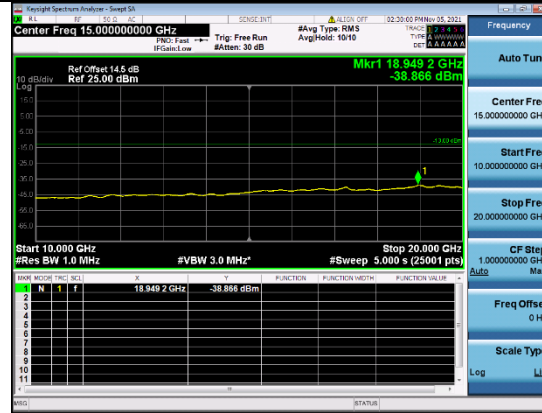
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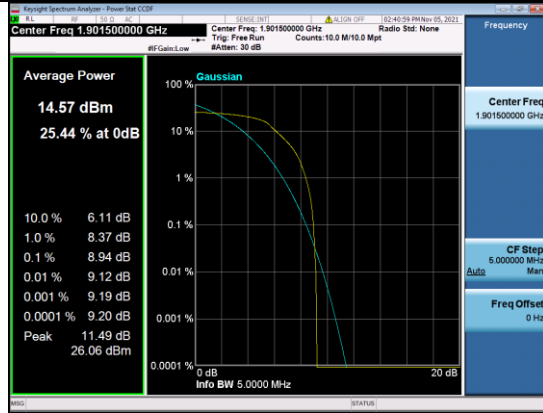
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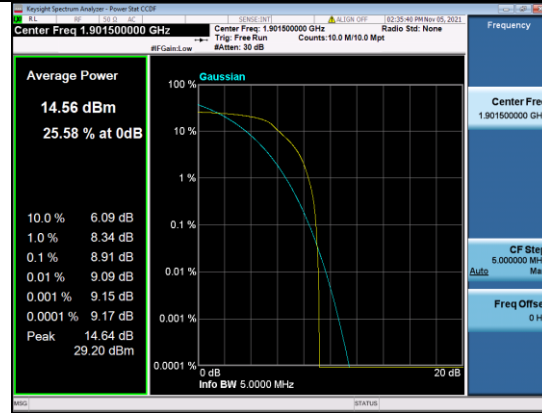
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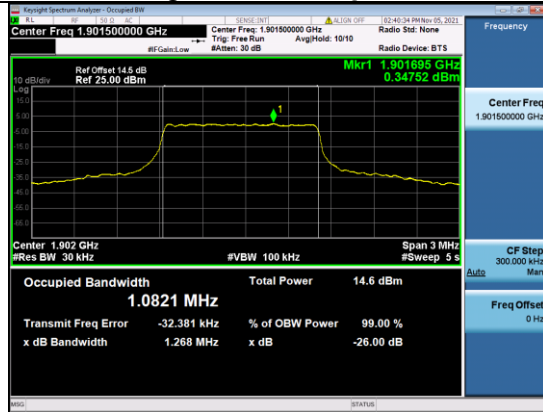
B25-15M-High CH-PAPR-Q16



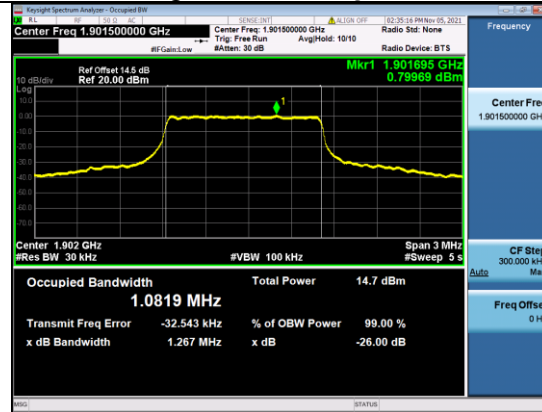
B25-15M-High CH-PAPR-QPSK



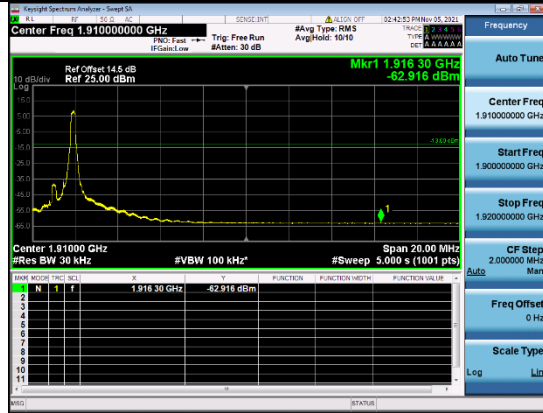
B25-15M-High CH-OBW-Q16



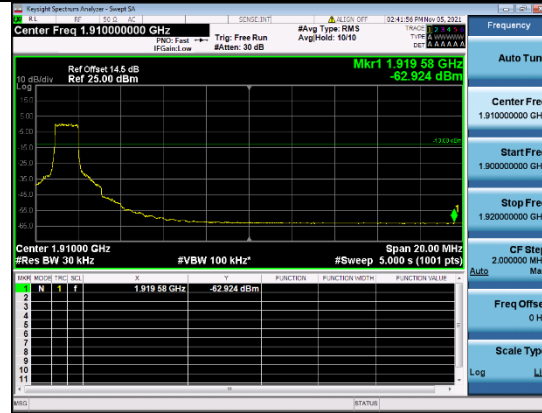
B25-15M-High CH-OBW-QPSK



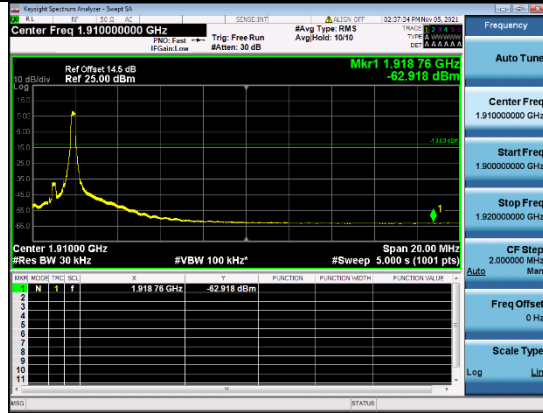
B25-15M-High CH-BE-Q16-1 RB MAX



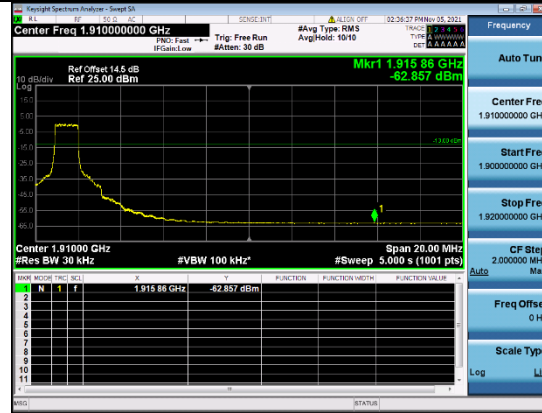
B25-15M-High CH-BE-Q16-Full RB 0



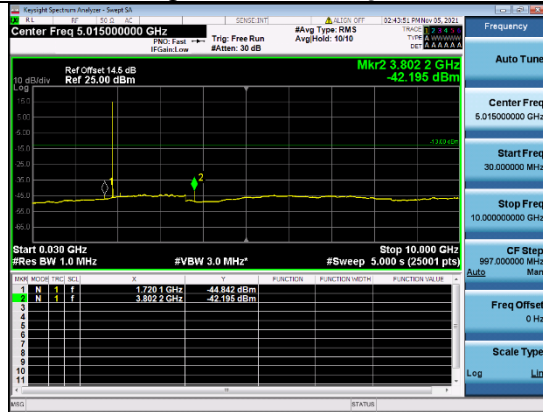
B25-15M-High CH-BE-QPSK-1 RB MAX



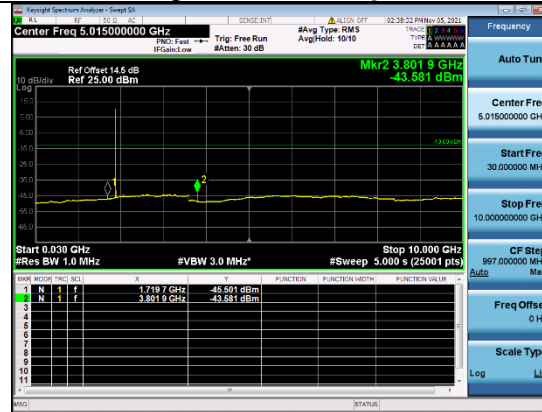
B25-15M-High CH-BE-QPSK-Full RB 0



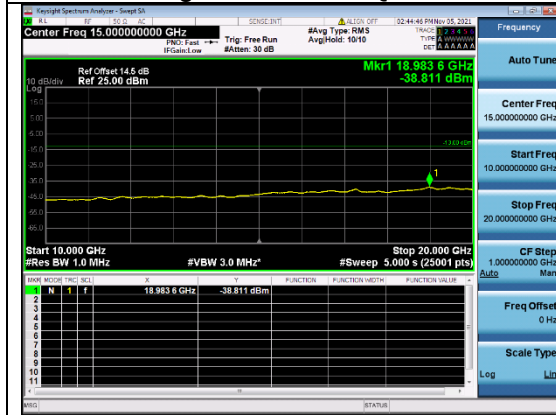
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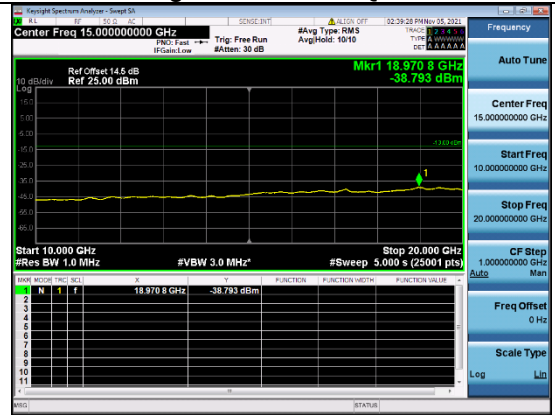
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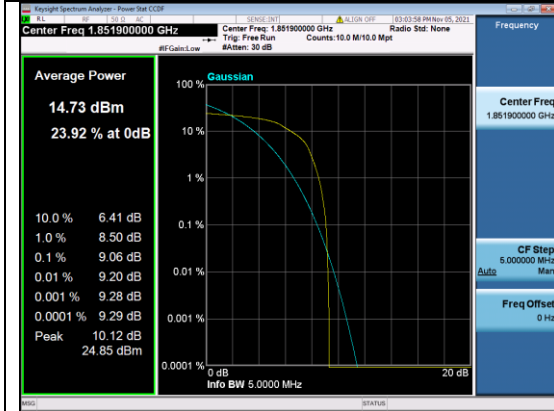
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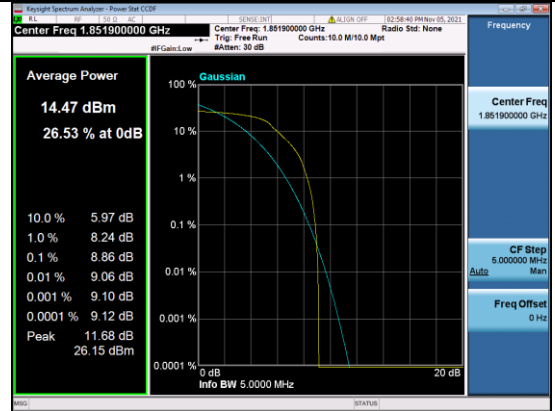
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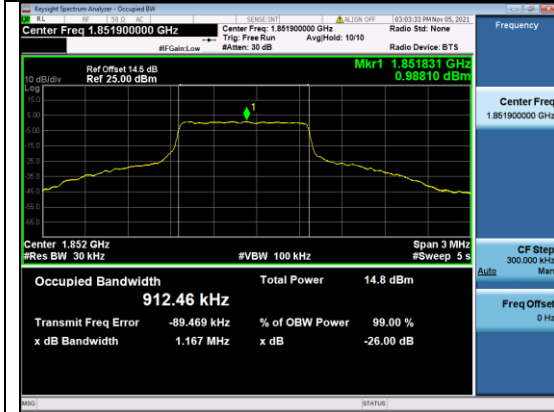
B25-20M-Low CH-PAPR-Q16



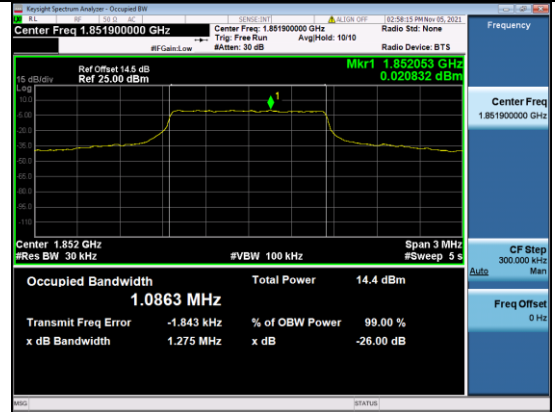
B25-20M-Low CH-PAPR-QPSK



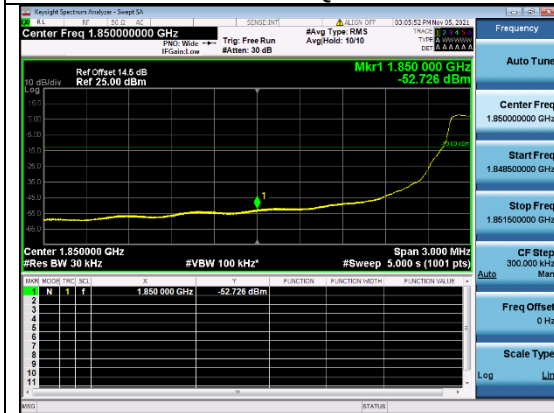
B25-20M-Low CH-OBW-Q16



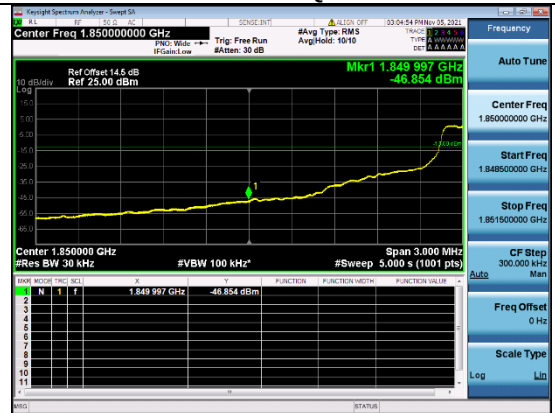
B25-20M-Low CH-OBW-QPSK



B25-20M-Low CH-BE-Q16-1 RB 0



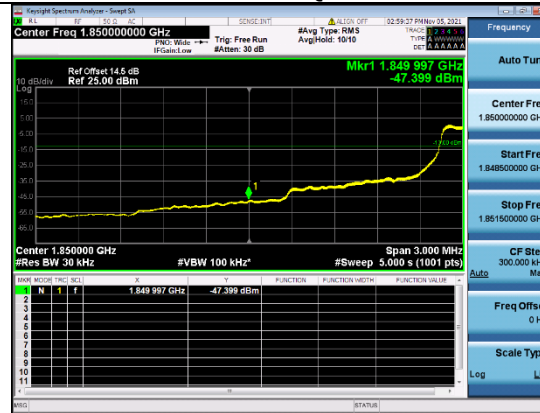
B25-20M-Low CH-BE-Q16-Full RB 0



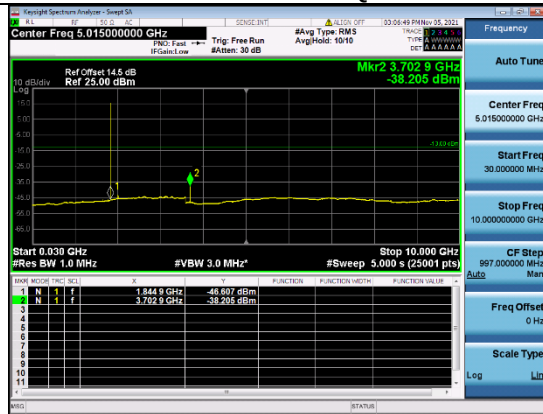
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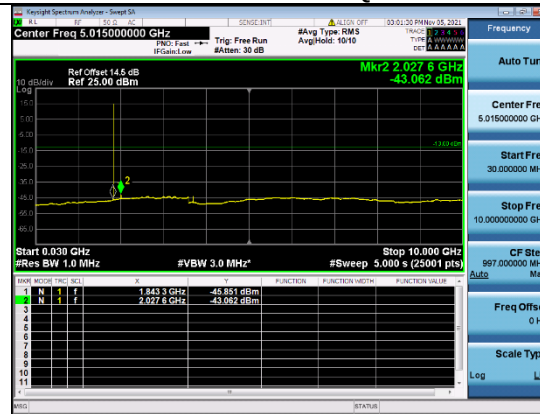
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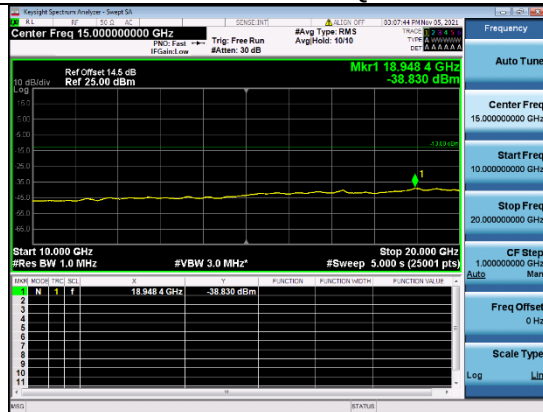
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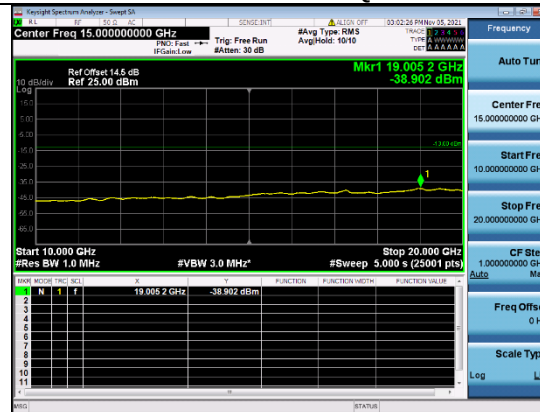
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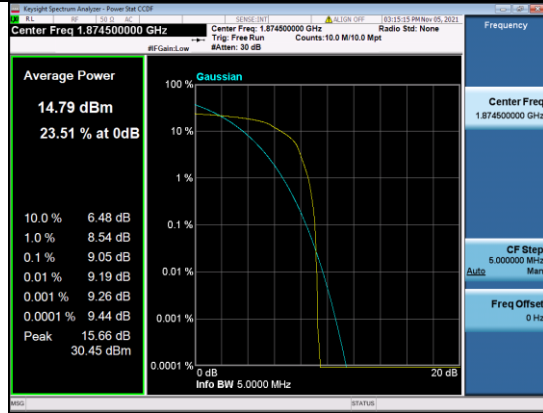
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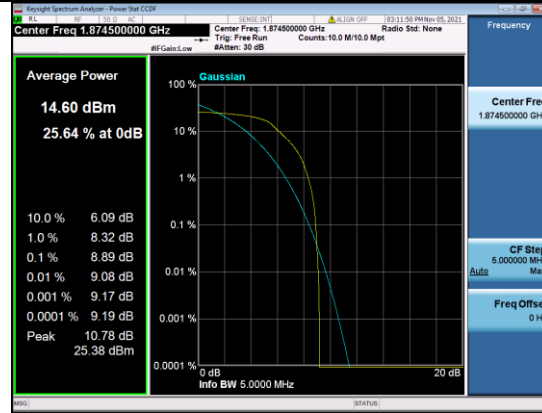
B25-20M-Low CH-CSE-2-QPSK-1 RB 0



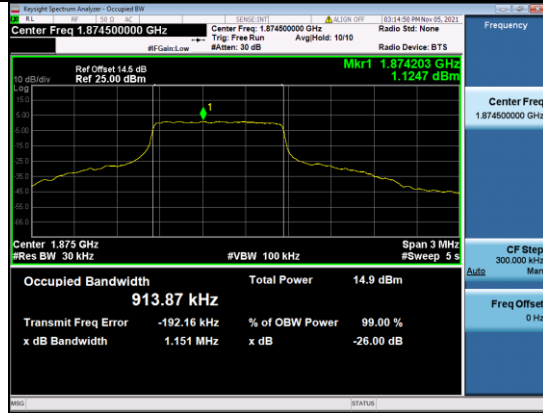
B25-20M-Mid CH-PAPR-Q16



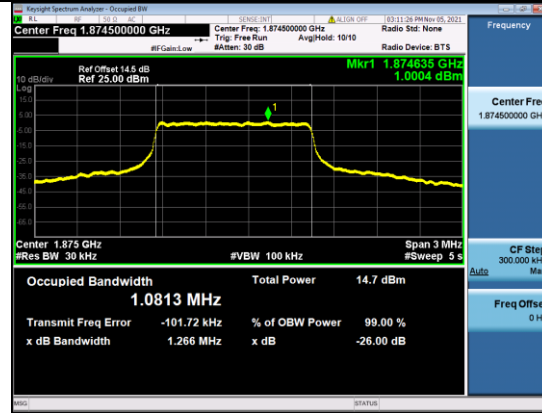
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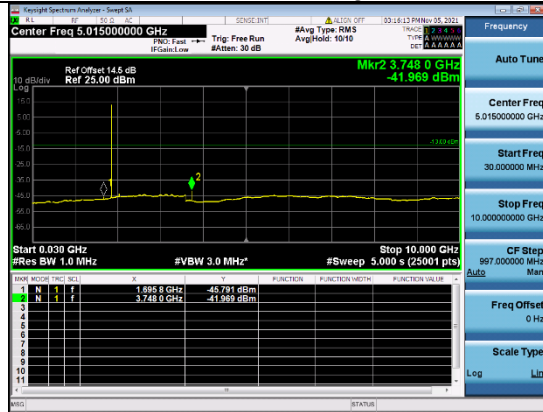
B25-20M-Mid CH-OBW-Q16



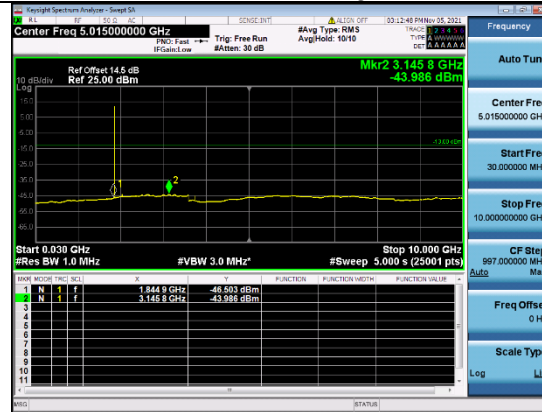
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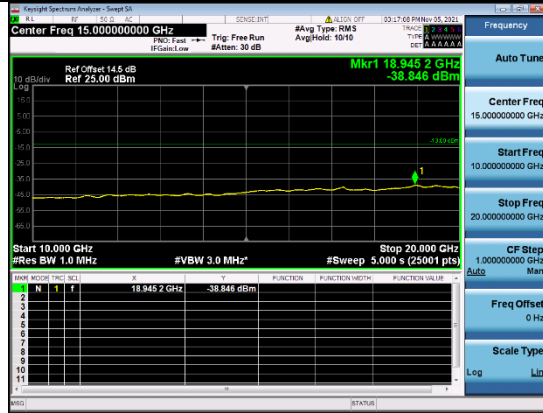
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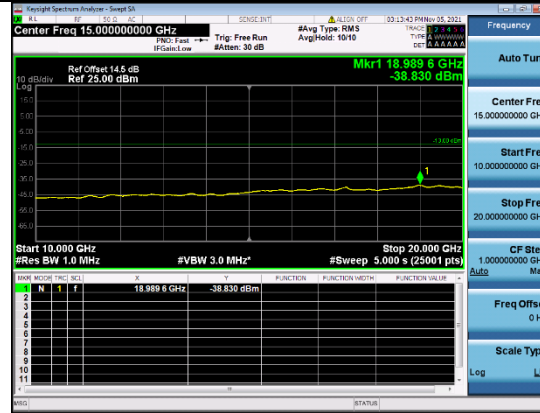
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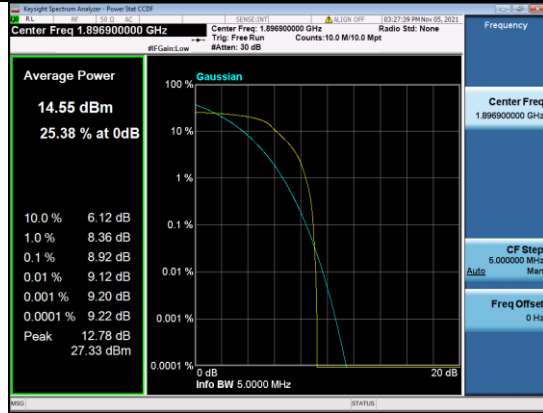
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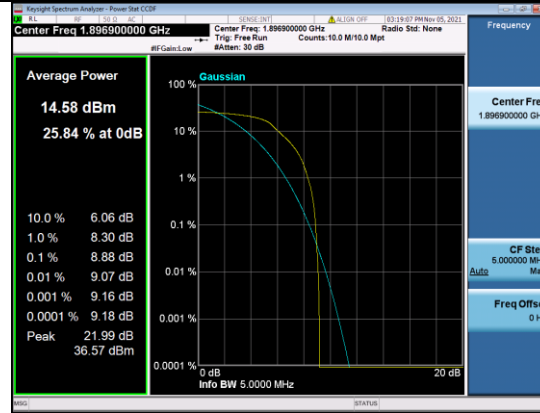
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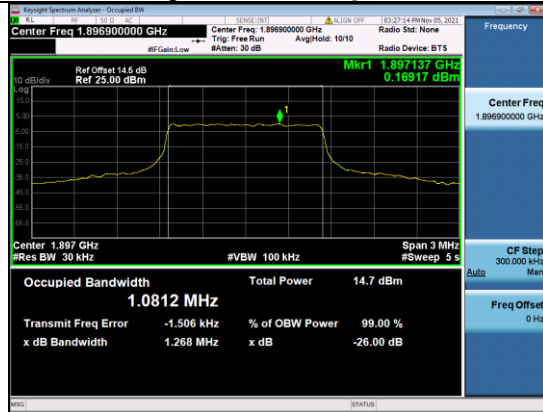
B25-20M-High CH-PAPR-Q16



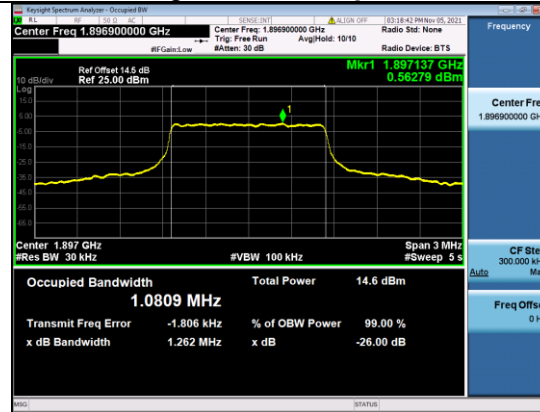
B25-20M-High CH-PAPR-QPSK



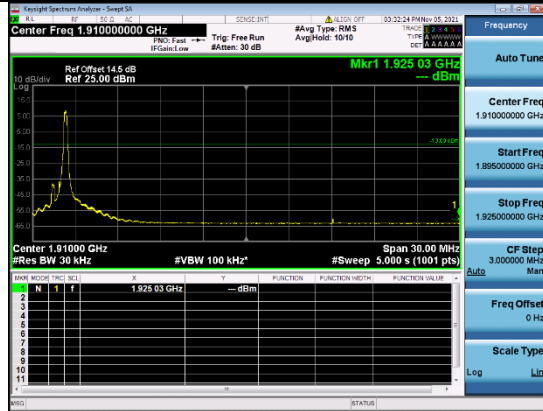
B25-20M-High CH-OBW-Q16



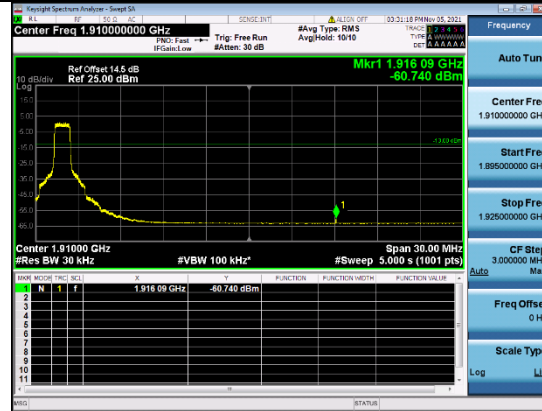
B25-20M-High CH-OBW-QPSK



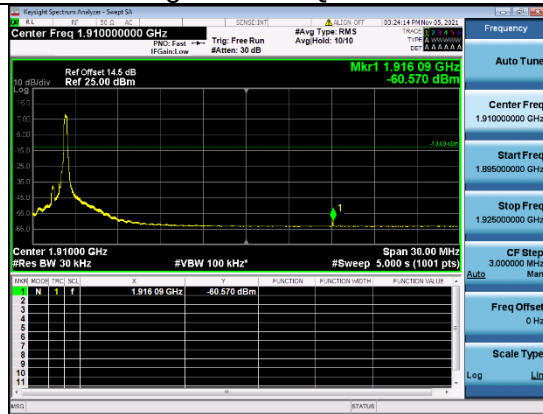
B25-20M-High CH-BE-Q16-1 RB MAX



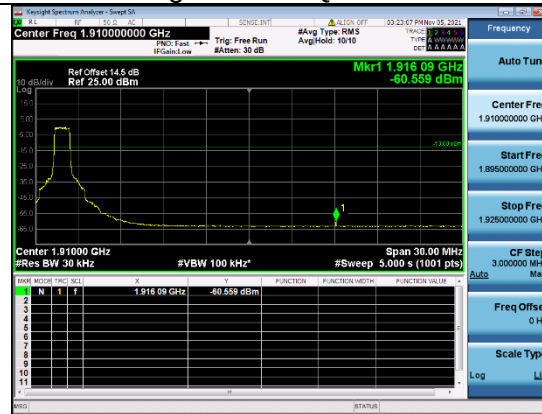
B25-20M-High CH-BE-Q16-Full RB 0



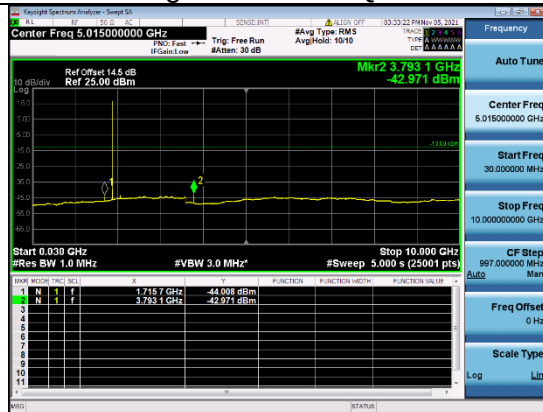
B25-20M-High CH-BE-QPSK-1 RB MAX



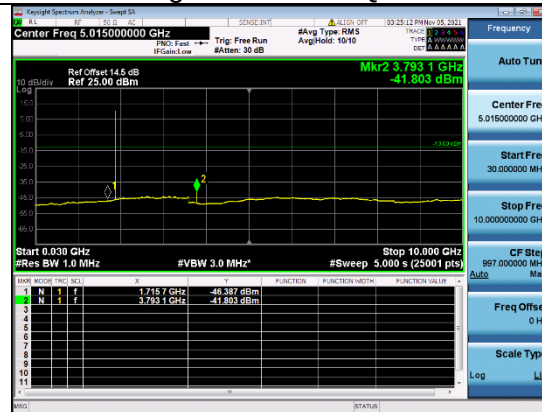
B25-20M-High CH-BE-QPSK-Full RB 0



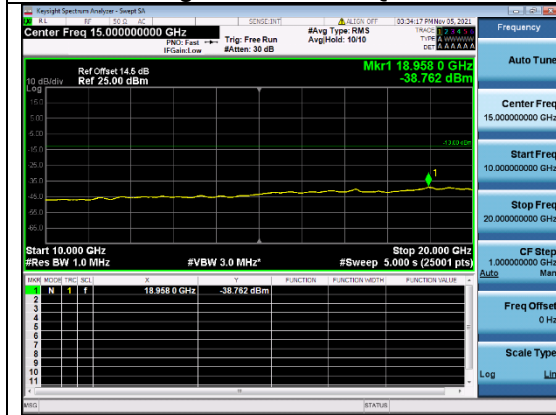
B25-20M-High CH-CSE-1-Q16-1 RB 0



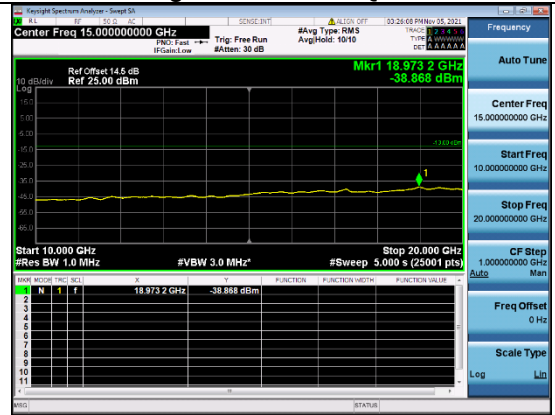
B25-20M-High CH-CSE-1-QPSK-1 RB 0



B25-20M-High CH-CSE-2-Q16-1 RB 0



B25-20M-High CH-CSE-2-QPSK-1 RB 0



3. Frequency Stability

3.1 B25_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	19.355	0.0105	-2.5 to 2.5	Pass
					6.0	19.383	0.0105	-2.5 to 2.5	Pass
					6.6	18.268	0.0099	-2.5 to 2.5	Pass
				-30	6.0	19.927	0.0108	-2.5 to 2.5	Pass
				-20	6.0	29.368	0.0159	-2.5 to 2.5	Pass
				-10	6.0	-28.138	-0.0152	-2.5 to 2.5	Pass
				0	6.0	-37.251	-0.0201	-2.5 to 2.5	Pass
				10	6.0	-0.744	-0.0004	-2.5 to 2.5	Pass
				30	6.0	-29.855	-0.0161	-2.5 to 2.5	Pass
				40	6.0	-39.554	-0.0214	-2.5 to 2.5	Pass
				50	6.0	-40.212	-0.0217	-2.5 to 2.5	Pass
	1882.5	6	0	20	5.4	35.763	0.0190	-2.5 to 2.5	Pass
					6.0	-30.198	-0.0161	-2.5 to 2.5	Pass
					6.6	-28.696	-0.0153	-2.5 to 2.5	Pass
				-30	6.0	-34.361	-0.0183	-2.5 to 2.5	Pass
				-20	6.0	-35.262	-0.0188	-2.5 to 2.5	Pass
				-10	6.0	-25.434	-0.0135	-2.5 to 2.5	Pass
				0	6.0	-7.052	-0.0038	-2.5 to 2.5	Pass
				10	6.0	6.065	0.0032	-2.5 to 2.5	Pass
				30	6.0	-32.887	-0.0175	-2.5 to 2.5	Pass
				40	6.0	-43.001	-0.0229	-2.5 to 2.5	Pass
				50	6.0	-11.573	-0.0062	-2.5 to 2.5	Pass

	1914.3	6	0	20	5.4	36.435	0.0191	-2.5 to 2.5	Pass
					6.0	35.906	0.0188	-2.5 to 2.5	Pass
					6.6	9.098	0.0048	-2.5 to 2.5	Pass
				-30	6.0	-34.790	-0.0182	-2.5 to 2.5	Pass
				-20	6.0	-36.306	-0.0190	-2.5 to 2.5	Pass
				-10	6.0	-19.326	-0.0101	-2.5 to 2.5	Pass
				0	6.0	-36.807	-0.0193	-2.5 to 2.5	Pass
				10	6.0	-31.514	-0.0165	-2.5 to 2.5	Pass
				30	6.0	-45.490	-0.0238	-2.5 to 2.5	Pass
				40	6.0	-13.676	-0.0072	-2.5 to 2.5	Pass
				50	6.0	-47.235	-0.0247	-2.5 to 2.5	Pass
16QAM	1850.7	6	0	20	5.4	-38.438	-0.0208	-2.5 to 2.5	Pass
					6.0	-18.883	-0.0102	-2.5 to 2.5	Pass
					6.6	-25.821	-0.0140	-2.5 to 2.5	Pass
				-30	6.0	-26.064	-0.0141	-2.5 to 2.5	Pass
				-20	6.0	10.657	0.0058	-2.5 to 2.5	Pass
				-10	6.0	-1.760	-0.0010	-2.5 to 2.5	Pass
				0	6.0	-20.041	-0.0108	-2.5 to 2.5	Pass
				10	6.0	-11.787	-0.0064	-2.5 to 2.5	Pass
				30	6.0	-24.061	-0.0130	-2.5 to 2.5	Pass
				40	6.0	-10.972	-0.0059	-2.5 to 2.5	Pass
				50	6.0	-20.370	-0.0110	-2.5 to 2.5	Pass
	1882.5	6	0	20	5.4	-23.460	-0.0125	-2.5 to 2.5	Pass
					6.0	-18.826	-0.0100	-2.5 to 2.5	Pass
					6.6	-30.012	-0.0160	-2.5 to 2.5	Pass
				-30	6.0	3.462	0.0018	-2.5 to 2.5	Pass
				-20	6.0	-31.199	-0.0166	-2.5 to 2.5	Pass
				-10	6.0	-12.188	-0.0065	-2.5 to 2.5	Pass

				0	6.0	-7.153	-0.0038	-2.5 to 2.5	Pass
				10	6.0	-36.507	-0.0194	-2.5 to 2.5	Pass
				30	6.0	-14.949	-0.0080	-2.5 to 2.5	Pass
				40	6.0	-45.404	-0.0242	-2.5 to 2.5	Pass
				50	6.0	-22.187	-0.0118	-2.5 to 2.5	Pass
	1914.3	6	0	20	5.4	-12.360	-0.0065	-2.5 to 2.5	Pass
					6.0	-24.090	-0.0126	-2.5 to 2.5	Pass
					6.6	1.116	0.0006	-2.5 to 2.5	Pass
				-30	6.0	-26.836	-0.0141	-2.5 to 2.5	Pass
				-20	6.0	-37.823	-0.0198	-2.5 to 2.5	Pass
				-10	6.0	-30.499	-0.0160	-2.5 to 2.5	Pass
				0	6.0	-2.704	-0.0014	-2.5 to 2.5	Pass
				10	6.0	-21.873	-0.0115	-2.5 to 2.5	Pass
				30	6.0	-11.244	-0.0059	-2.5 to 2.5	Pass
				40	6.0	-8.583	-0.0045	-2.5 to 2.5	Pass
				50	6.0	-29.798	-0.0156	-2.5 to 2.5	Pass

3.2 B25_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	-25.821	-0.0139	-2.5 to 2.5	Pass
					6.0	-40.069	-0.0216	-2.5 to 2.5	Pass
					6.6	-30.427	-0.0164	-2.5 to 2.5	Pass
				-30	6.0	-17.467	-0.0094	-2.5 to 2.5	Pass
				-20	6.0	-17.924	-0.0097	-2.5 to 2.5	Pass
				-10	6.0	-21.200	-0.0115	-2.5 to 2.5	Pass

				0	6.0	-13.218	-0.0071	-2.5 to 2.5	Pass
				10	6.0	-8.955	-0.0048	-2.5 to 2.5	Pass
				30	6.0	-30.155	-0.0163	-2.5 to 2.5	Pass
				40	6.0	-34.862	-0.0188	-2.5 to 2.5	Pass
				50	6.0	0.858	0.0005	-2.5 to 2.5	Pass
	1882.5	6	0	20	5.4	11.001	0.0059	-2.5 to 2.5	Pass
					6.0	-10.929	-0.0058	-2.5 to 2.5	Pass
					6.6	-40.712	-0.0217	-2.5 to 2.5	Pass
				-30	6.0	-35.248	-0.0187	-2.5 to 2.5	Pass
				-20	6.0	-17.538	-0.0093	-2.5 to 2.5	Pass
				-10	6.0	-7.467	-0.0040	-2.5 to 2.5	Pass
				0	6.0	-28.439	-0.0151	-2.5 to 2.5	Pass
				10	6.0	-32.530	-0.0173	-2.5 to 2.5	Pass
				30	6.0	-40.355	-0.0215	-2.5 to 2.5	Pass
				40	6.0	-37.308	-0.0198	-2.5 to 2.5	Pass
				50	6.0	-12.288	-0.0065	-2.5 to 2.5	Pass
	1913.5	6	0	20	5.4	9.284	0.0049	-2.5 to 2.5	Pass
					6.0	-39.153	-0.0205	-2.5 to 2.5	Pass
					6.6	-28.095	-0.0147	-2.5 to 2.5	Pass
				-30	6.0	-36.635	-0.0192	-2.5 to 2.5	Pass
				-20	6.0	-32.001	-0.0168	-2.5 to 2.5	Pass
				-10	6.0	-18.282	-0.0096	-2.5 to 2.5	Pass
				0	6.0	-35.849	-0.0188	-2.5 to 2.5	Pass
				10	6.0	-22.087	-0.0116	-2.5 to 2.5	Pass
				30	6.0	-36.893	-0.0193	-2.5 to 2.5	Pass
				40	6.0	-5.550	-0.0029	-2.5 to 2.5	Pass
				50	6.0	-32.659	-0.0171	-2.5 to 2.5	Pass
	16QAM	1851.5	6	0	20	5.4	-25.306	-0.0137	-2.5 to 2.5

					6.0	-37.766	-0.0204	-2.5 to 2.5	Pass
					6.6	-33.002	-0.0178	-2.5 to 2.5	Pass
				-30	6.0	-25.678	-0.0139	-2.5 to 2.5	Pass
				-20	6.0	-1.216	-0.0007	-2.5 to 2.5	Pass
				-10	6.0	-37.065	-0.0200	-2.5 to 2.5	Pass
				0	6.0	-36.020	-0.0195	-2.5 to 2.5	Pass
				10	6.0	-21.343	-0.0115	-2.5 to 2.5	Pass
				30	6.0	-9.513	-0.0051	-2.5 to 2.5	Pass
				40	6.0	-35.462	-0.0192	-2.5 to 2.5	Pass
				50	6.0	-26.293	-0.0142	-2.5 to 2.5	Pass
	1882.5	6	0	20	5.4	-38.037	-0.0202	-2.5 to 2.5	Pass
					6.0	-8.311	-0.0044	-2.5 to 2.5	Pass
					6.6	-26.393	-0.0140	-2.5 to 2.5	Pass
				-30	6.0	-22.674	-0.0121	-2.5 to 2.5	Pass
				-20	6.0	-6.909	-0.0037	-2.5 to 2.5	Pass
				-10	6.0	-19.026	-0.0101	-2.5 to 2.5	Pass
				0	6.0	-36.278	-0.0193	-2.5 to 2.5	Pass
				10	6.0	-50.197	-0.0267	-2.5 to 2.5	Pass
				30	6.0	-14.133	-0.0075	-2.5 to 2.5	Pass
				40	6.0	-27.766	-0.0148	-2.5 to 2.5	Pass
				50	6.0	-41.914	-0.0223	-2.5 to 2.5	Pass
	1913.5	6	0	20	5.4	-30.155	-0.0158	-2.5 to 2.5	Pass
					6.0	-38.023	-0.0199	-2.5 to 2.5	Pass
					6.6	-18.382	-0.0096	-2.5 to 2.5	Pass
				-30	6.0	-15.893	-0.0083	-2.5 to 2.5	Pass
				-20	6.0	-47.894	-0.0251	-2.5 to 2.5	Pass
				-10	6.0	-19.670	-0.0103	-2.5 to 2.5	Pass
				0	6.0	-48.151	-0.0252	-2.5 to 2.5	Pass

				10	6.0	-38.280	-0.0201	-2.5 to 2.5	Pass
				30	6.0	-20.127	-0.0105	-2.5 to 2.5	Pass
				40	6.0	-21.372	-0.0112	-2.5 to 2.5	Pass
				50	6.0	-30.012	-0.0157	-2.5 to 2.5	Pass

3.3 B25_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	45.319	0.0245	-2.5 to 2.5	Pass
					6.0	5.250	0.0028	-2.5 to 2.5	Pass
					6.6	-3.347	-0.0018	-2.5 to 2.5	Pass
				-30	6.0	-19.941	-0.0108	-2.5 to 2.5	Pass
				-20	6.0	-40.855	-0.0221	-2.5 to 2.5	Pass
				-10	6.0	-22.144	-0.0120	-2.5 to 2.5	Pass
				0	6.0	-9.370	-0.0051	-2.5 to 2.5	Pass
				10	6.0	-13.618	-0.0074	-2.5 to 2.5	Pass
				30	6.0	-30.985	-0.0167	-2.5 to 2.5	Pass
				40	6.0	-47.679	-0.0257	-2.5 to 2.5	Pass
				50	6.0	-39.754	-0.0215	-2.5 to 2.5	Pass
	1882.5	6	0	20	5.4	11.988	0.0064	-2.5 to 2.5	Pass
					6.0	16.766	0.0089	-2.5 to 2.5	Pass
					6.6	9.756	0.0052	-2.5 to 2.5	Pass
				-30	6.0	1.044	0.0006	-2.5 to 2.5	Pass
				-20	6.0	-12.488	-0.0066	-2.5 to 2.5	Pass
				-10	6.0	-23.289	-0.0124	-2.5 to 2.5	Pass
				0	6.0	-34.504	-0.0184	-2.5 to 2.5	Pass

				10	6.0	-29.469	-0.0157	-2.5 to 2.5	Pass
				30	6.0	-6.580	-0.0035	-2.5 to 2.5	Pass
				40	6.0	-17.452	-0.0093	-2.5 to 2.5	Pass
				50	6.0	-29.240	-0.0156	-2.5 to 2.5	Pass
	1912.5	6	0	20	5.4	19.298	0.0101	-2.5 to 2.5	Pass
					6.0	17.080	0.0090	-2.5 to 2.5	Pass
					6.6	-2.246	-0.0012	-2.5 to 2.5	Pass
				-30	6.0	-29.941	-0.0157	-2.5 to 2.5	Pass
				-20	6.0	-18.396	-0.0096	-2.5 to 2.5	Pass
				-10	6.0	-29.812	-0.0156	-2.5 to 2.5	Pass
				0	6.0	-28.739	-0.0151	-2.5 to 2.5	Pass
				10	6.0	-5.436	-0.0028	-2.5 to 2.5	Pass
				30	6.0	-32.387	-0.0170	-2.5 to 2.5	Pass
				40	6.0	-23.303	-0.0122	-2.5 to 2.5	Pass
				50	6.0	-46.349	-0.0243	-2.5 to 2.5	Pass
	16QAM	1852.5	6	20	5.4	6.180	0.0033	-2.5 to 2.5	Pass
					6.0	-6.938	-0.0037	-2.5 to 2.5	Pass
					6.6	-17.252	-0.0093	-2.5 to 2.5	Pass
				-30	6.0	-27.308	-0.0147	-2.5 to 2.5	Pass
				-20	6.0	-35.992	-0.0194	-2.5 to 2.5	Pass
				-10	6.0	-45.118	-0.0244	-2.5 to 2.5	Pass
				0	6.0	-14.091	-0.0076	-2.5 to 2.5	Pass
				10	6.0	-22.659	-0.0122	-2.5 to 2.5	Pass
				30	6.0	-30.985	-0.0167	-2.5 to 2.5	Pass
				40	6.0	-40.498	-0.0219	-2.5 to 2.5	Pass
				50	6.0	15.221	0.0082	-2.5 to 2.5	Pass
		1882.5	6	20	5.4	-44.045	-0.0234	-2.5 to 2.5	Pass
					6.0	-49.725	-0.0264	-2.5 to 2.5	Pass

					6.6	-52.958	-0.0282	-2.5 to 2.5	Pass
				-30	6.0	-7.038	-0.0037	-2.5 to 2.5	Pass
				-20	6.0	-9.856	-0.0052	-2.5 to 2.5	Pass
				-10	6.0	-12.531	-0.0067	-2.5 to 2.5	Pass
				0	6.0	-12.746	-0.0068	-2.5 to 2.5	Pass
				10	6.0	-17.552	-0.0093	-2.5 to 2.5	Pass
				30	6.0	-20.657	-0.0110	-2.5 to 2.5	Pass
				40	6.0	-26.193	-0.0139	-2.5 to 2.5	Pass
				50	6.0	-30.055	-0.0160	-2.5 to 2.5	Pass
	1912.5	6	0	20	5.4	-8.039	-0.0042	-2.5 to 2.5	Pass
					6.0	-27.165	-0.0142	-2.5 to 2.5	Pass
					6.6	-37.808	-0.0198	-2.5 to 2.5	Pass
				-30	6.0	-10.300	-0.0054	-2.5 to 2.5	Pass
				-20	6.0	-18.840	-0.0099	-2.5 to 2.5	Pass
				-10	6.0	-26.822	-0.0141	-2.5 to 2.5	Pass
				0	6.0	-33.774	-0.0177	-2.5 to 2.5	Pass
				10	6.0	-47.693	-0.0250	-2.5 to 2.5	Pass
				30	6.0	-3.161	-0.0017	-2.5 to 2.5	Pass
				40	6.0	-14.992	-0.0079	-2.5 to 2.5	Pass
				50	6.0	-22.602	-0.0118	-2.5 to 2.5	Pass

3.4 B25_10MHz

2.4.1 Test Result

Band: 2 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1855	6	0	20	5.4	-16.465	-0.0089	-2.5 to 2.5	Pass
					6.0	-32.001	-0.0173	-2.5 to 2.5	Pass