

FCC LTE Band Test Data

FCC ID : 2A8ZB-G232

Company: : Shenzhen Weiwo Intelligent Electronics Co., Ltd

EUT : 4G smartwatch

Model Number : G232

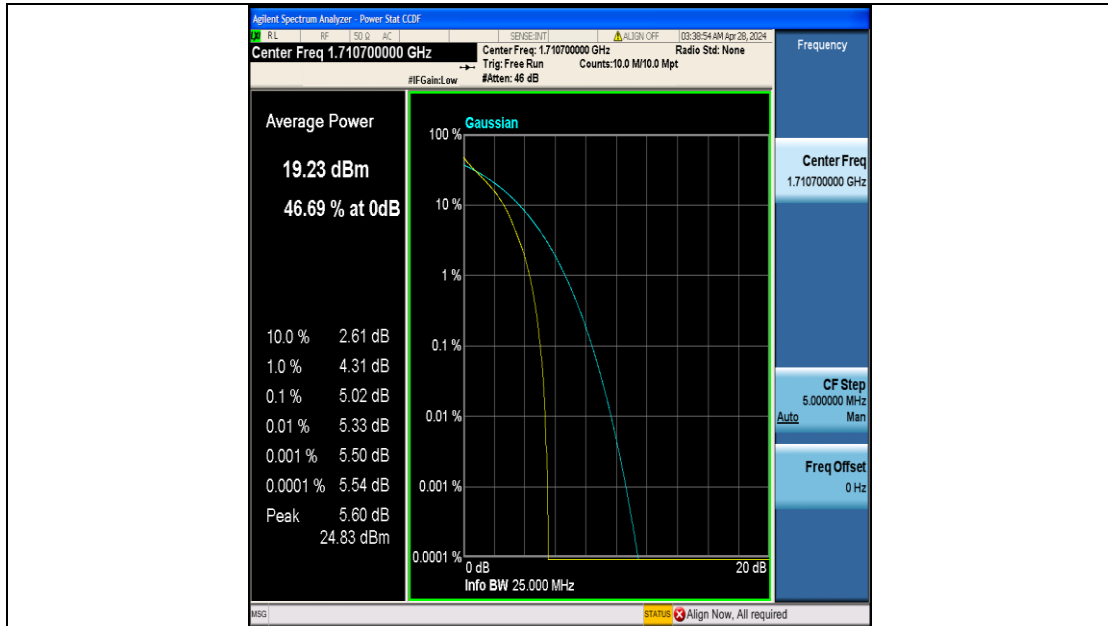
Reviewed By : Eric Wang

Appendix B: Peak-to-Average Ratio(CCDF)

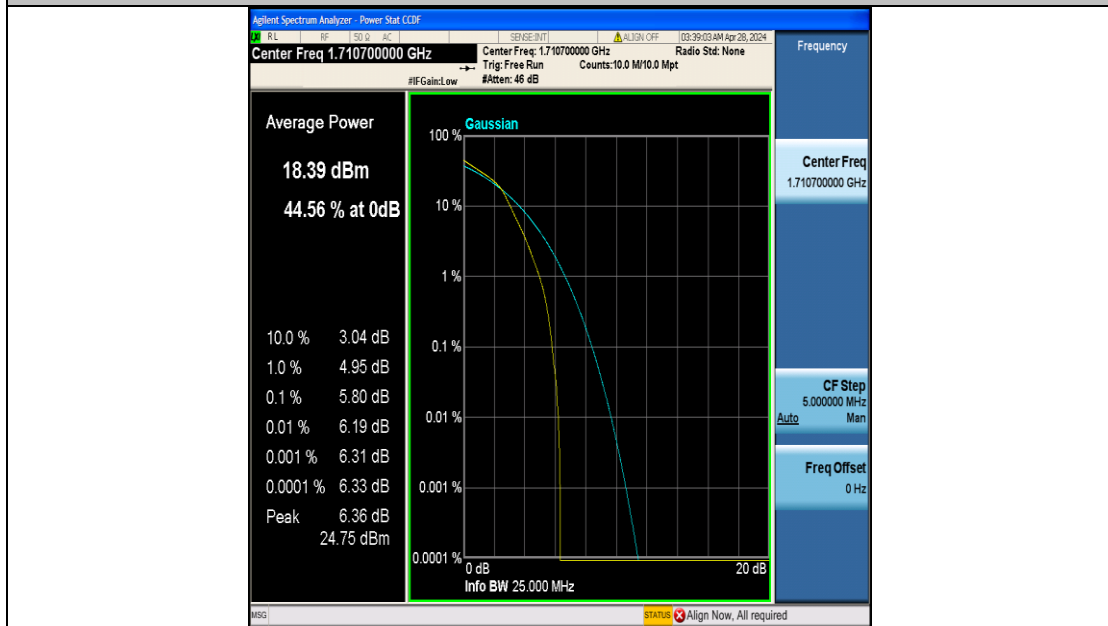
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	5.02	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.80	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.41	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.19	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.75	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.60	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.85	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.63	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.56	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.40	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.66	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.42	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.92	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.66	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.50	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.18	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.82	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.56	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.15	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.91	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.49	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.24	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.99	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.78	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.64	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	6.14	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.80	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.33	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.45	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	6.04	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.65	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.43	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.50	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.28	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.32	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.08	13	PASS

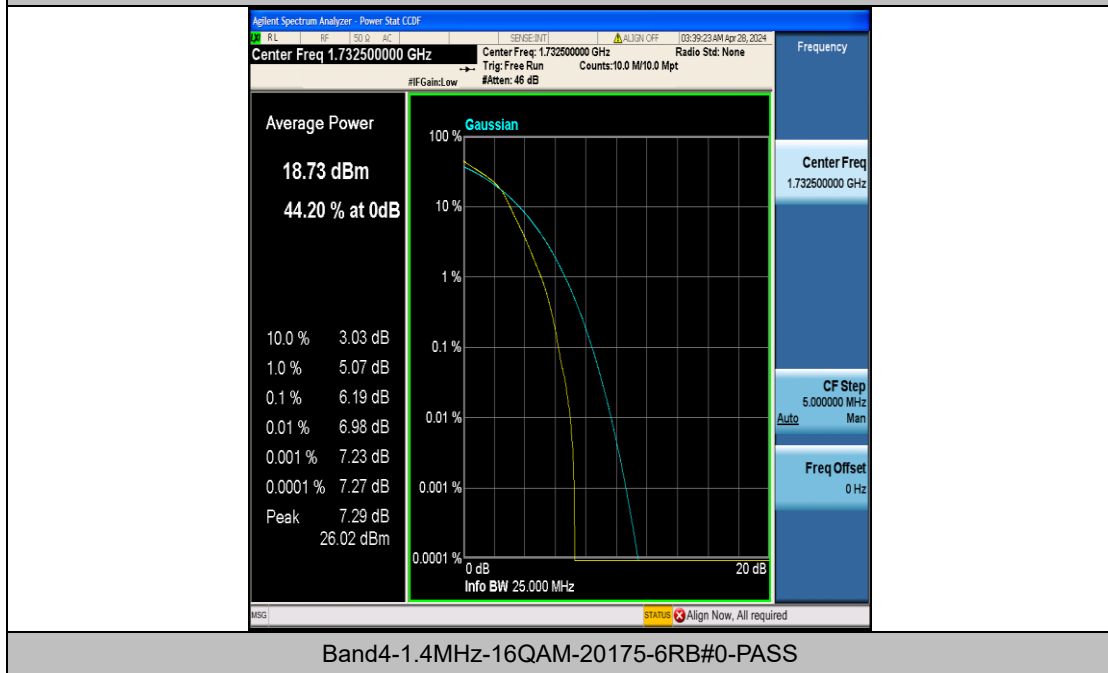
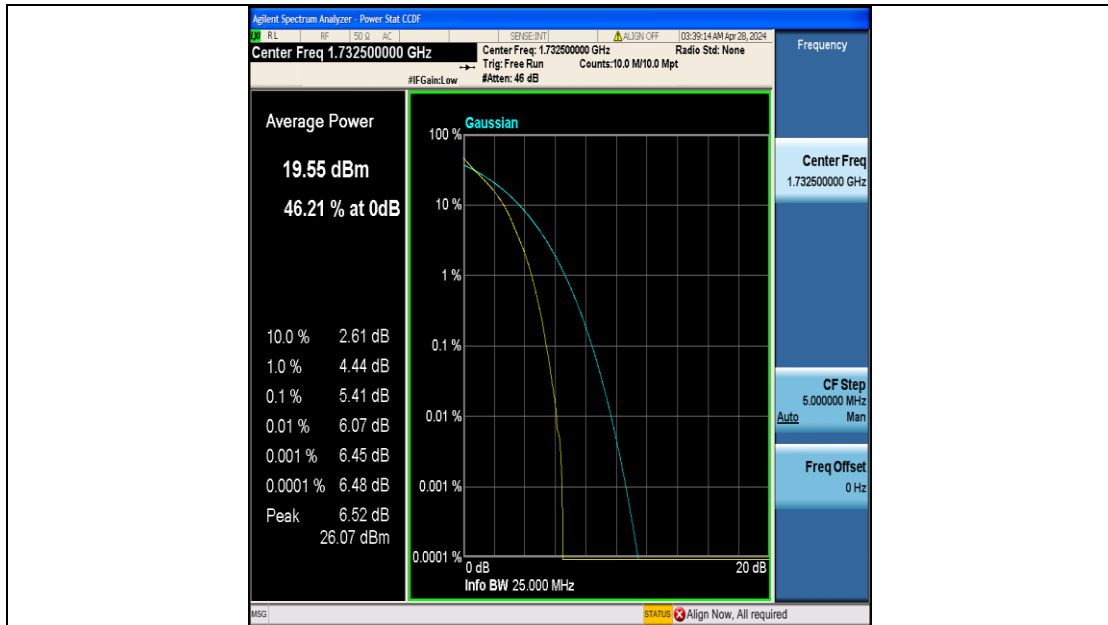
Test Graphs

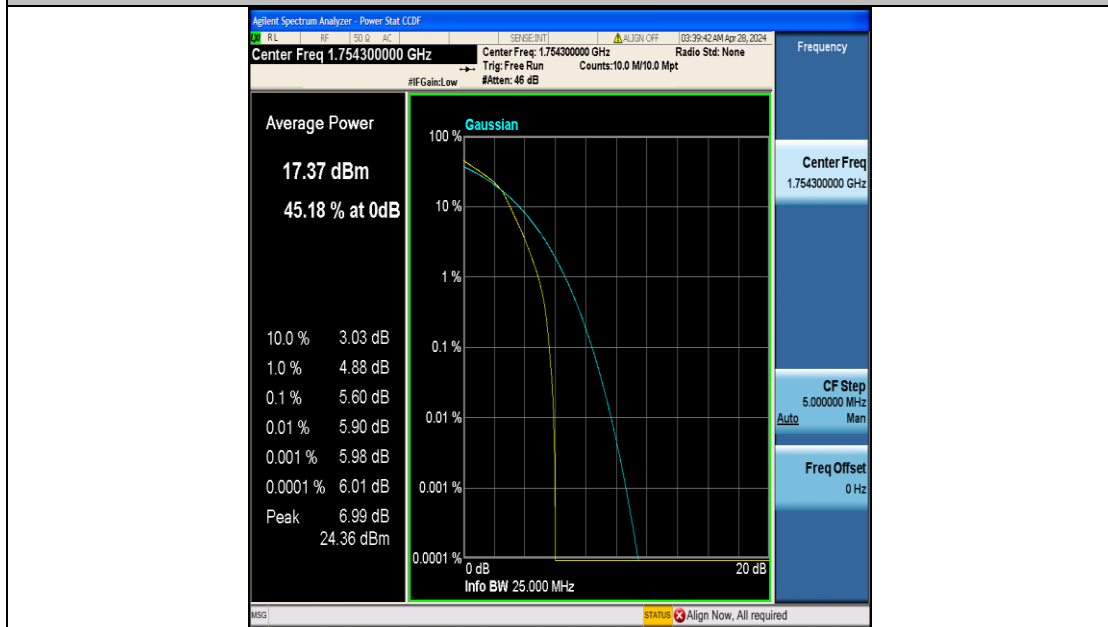
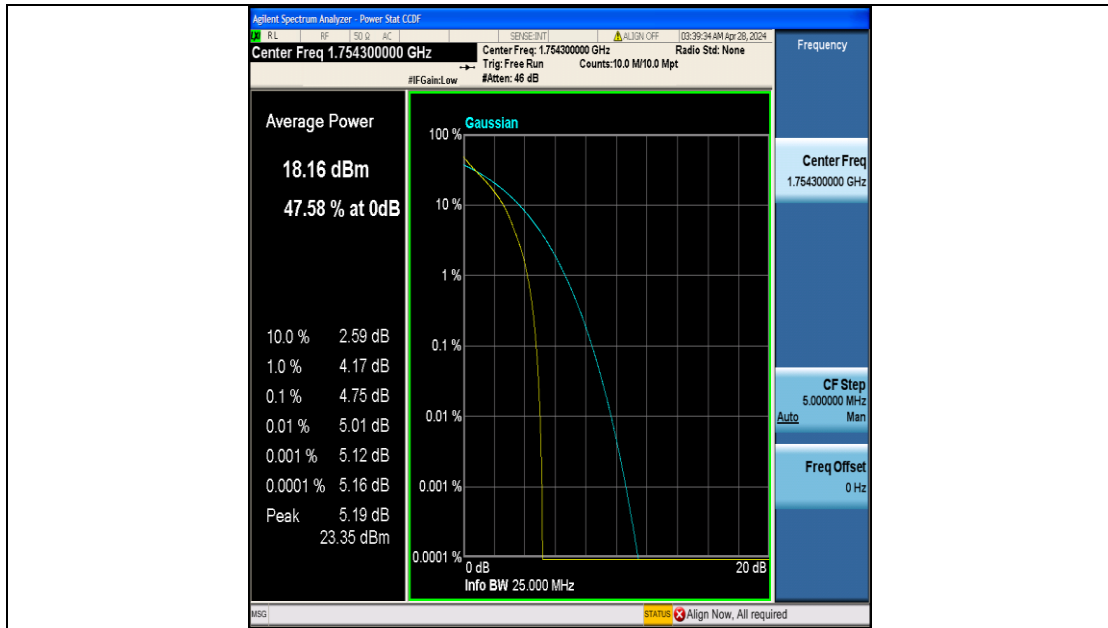


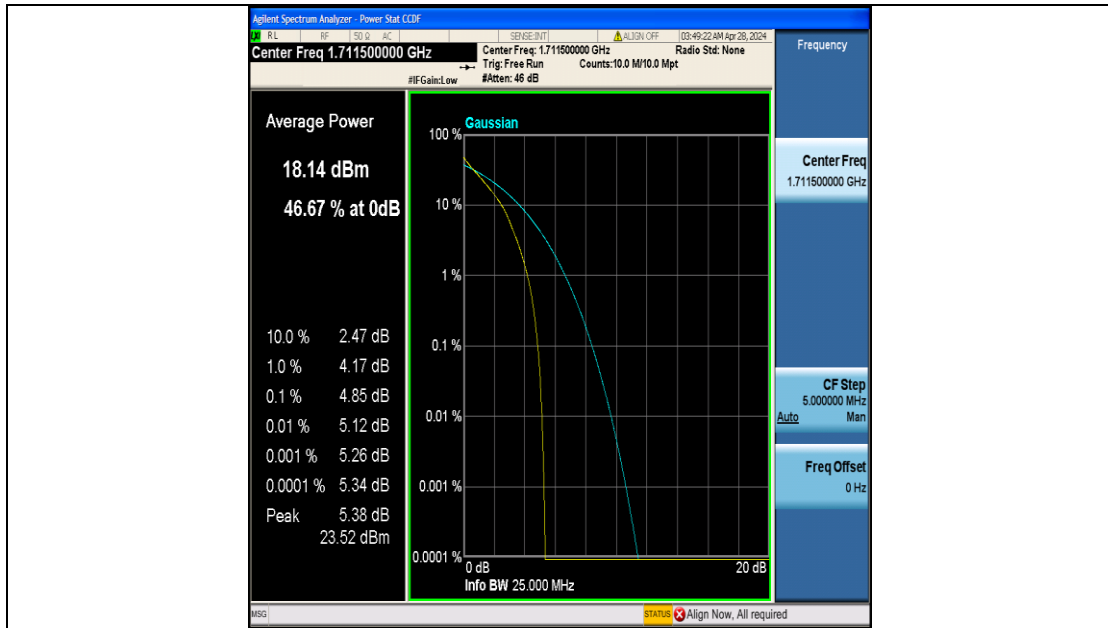
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



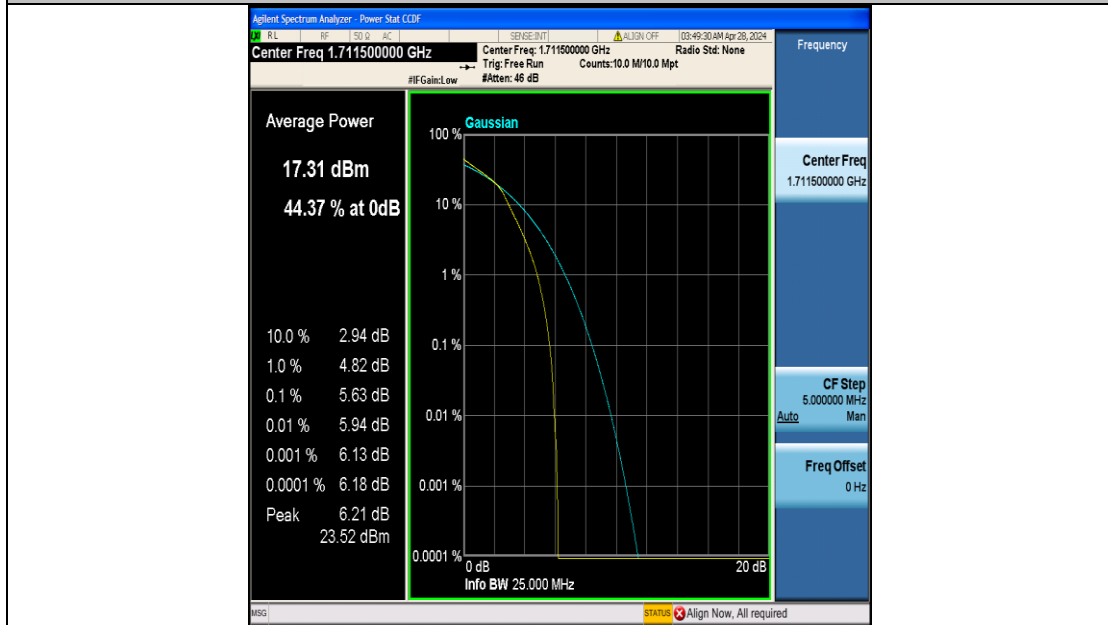
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



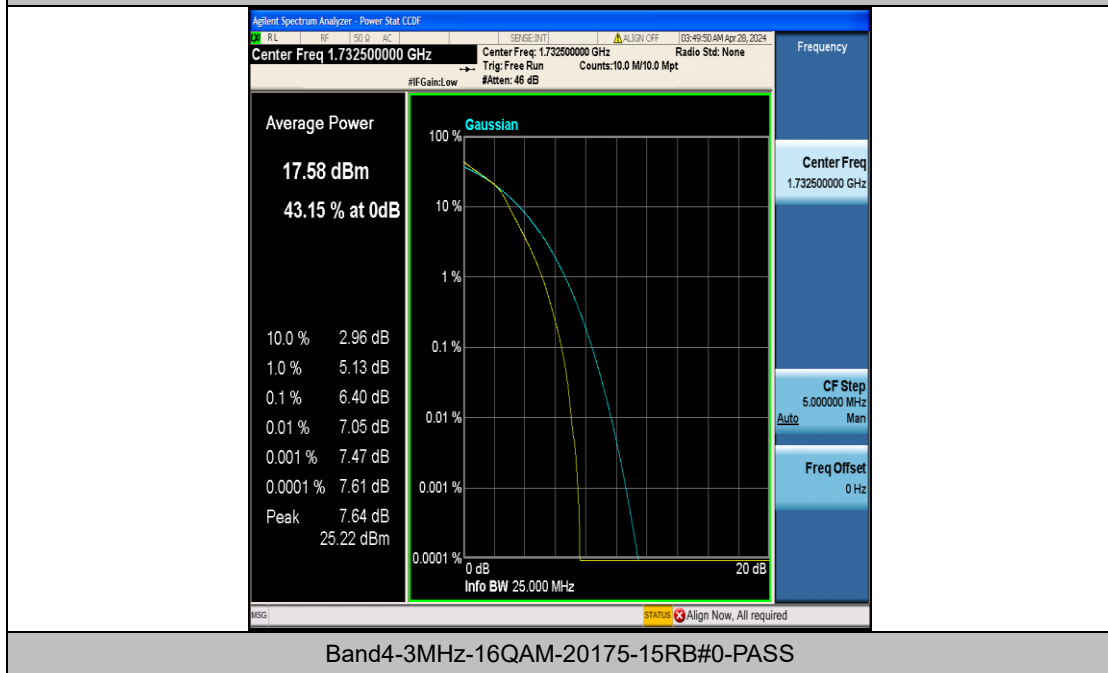
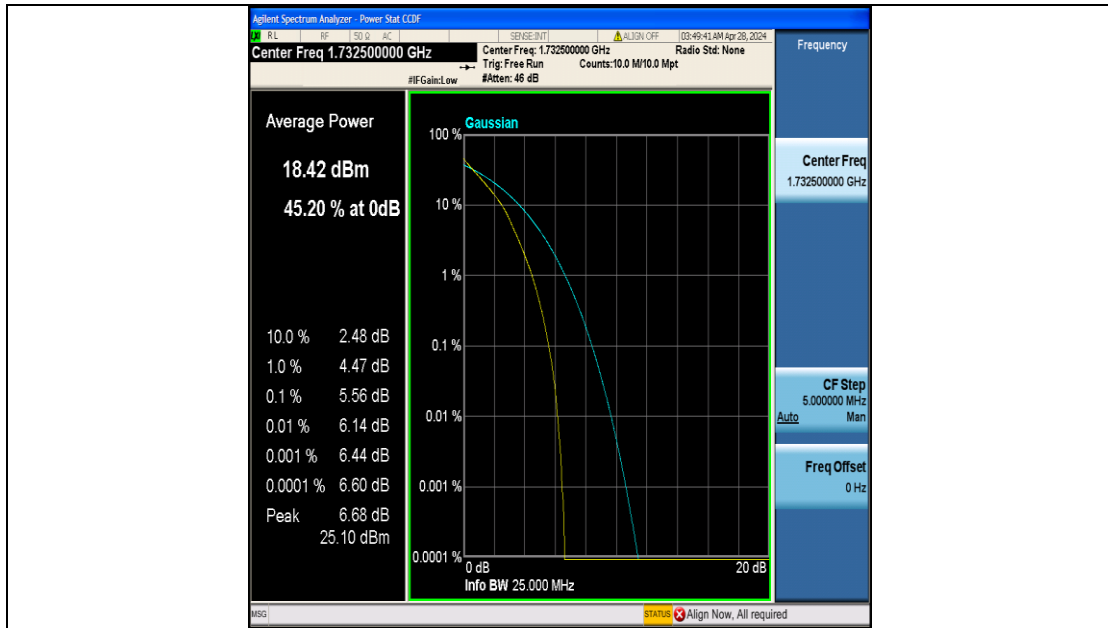


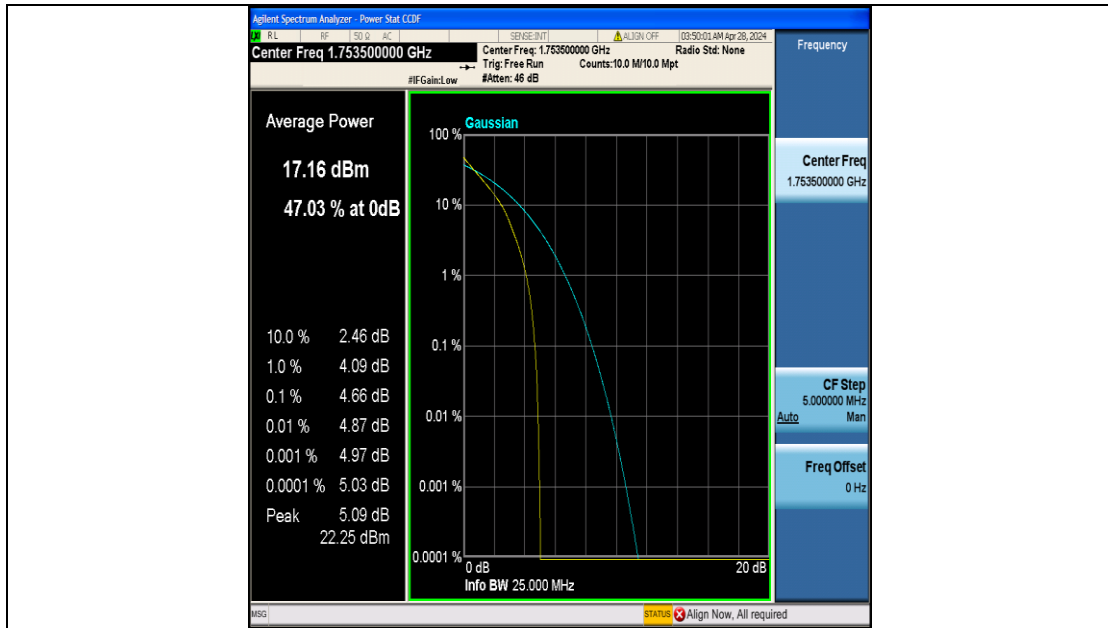


Band4-3MHz-QPSK-19965-15RB#0-PASS

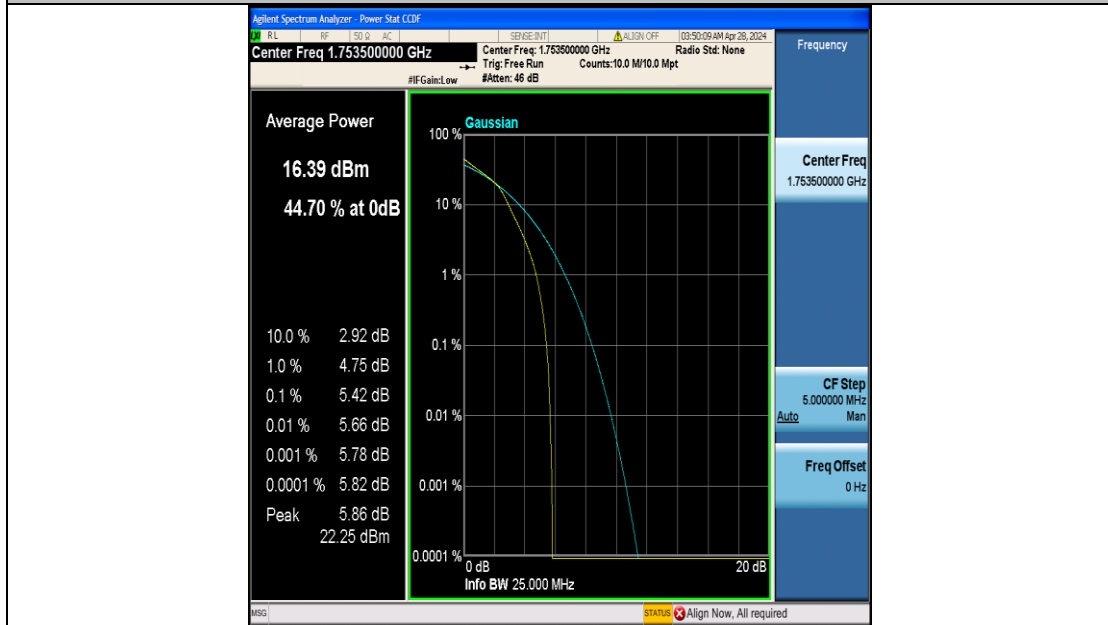


Band4-3MHz-16QAM-19965-15RB#0-PASS

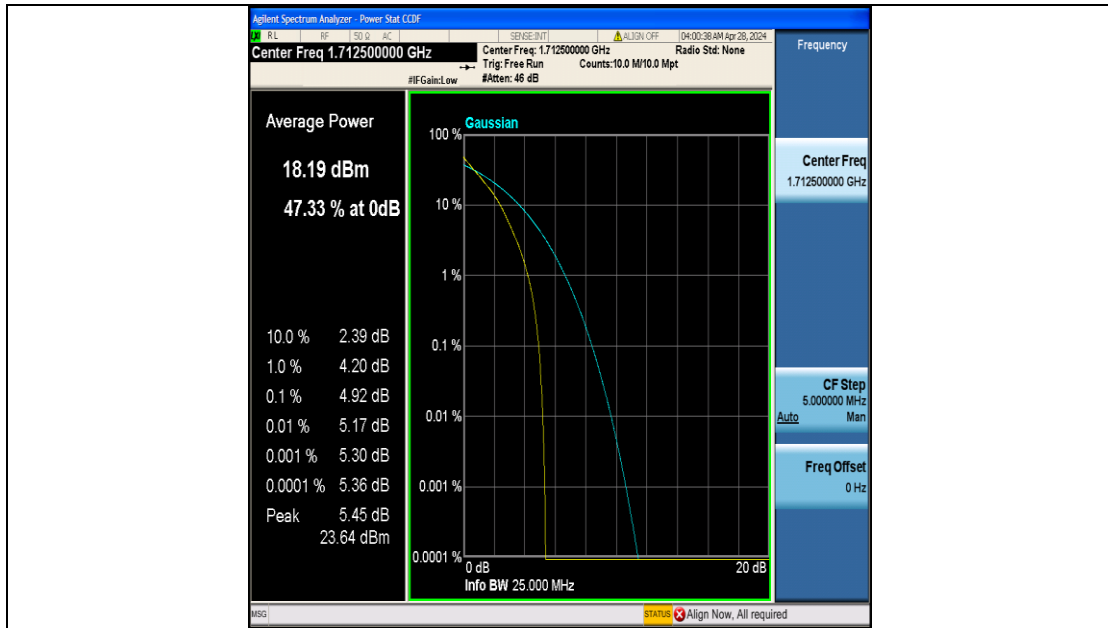




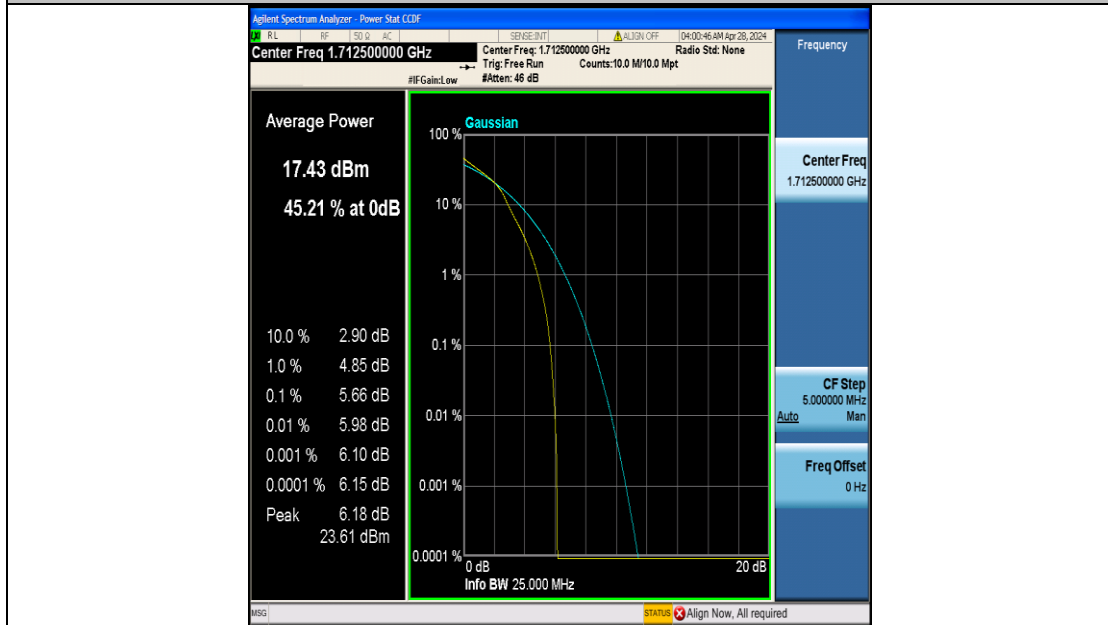
Band4-3MHz-QPSK-20385-15RB#0-PASS



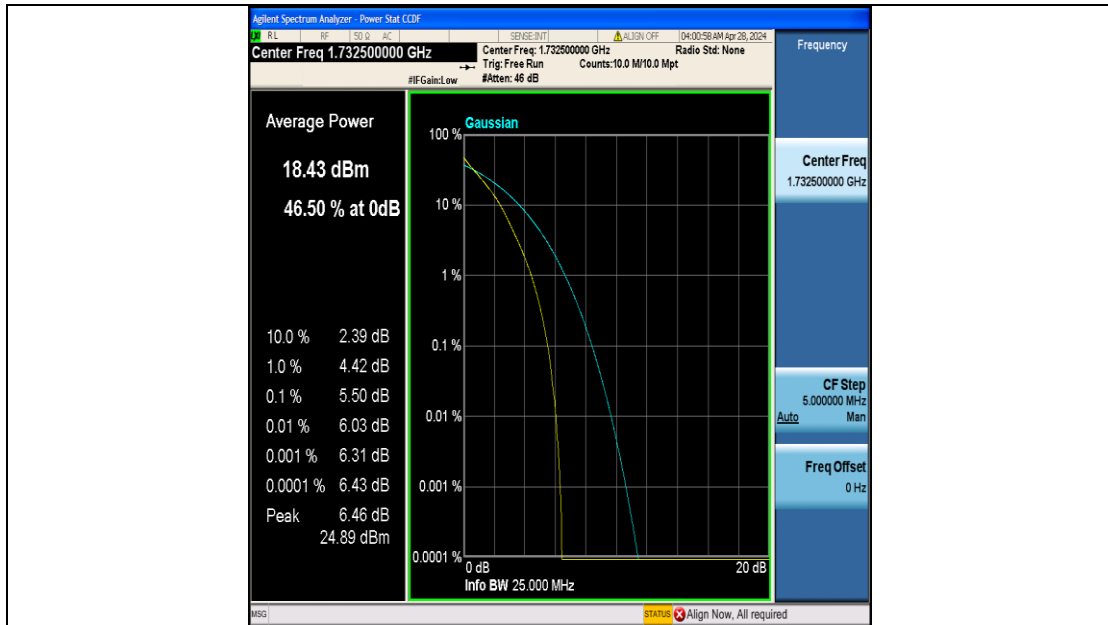
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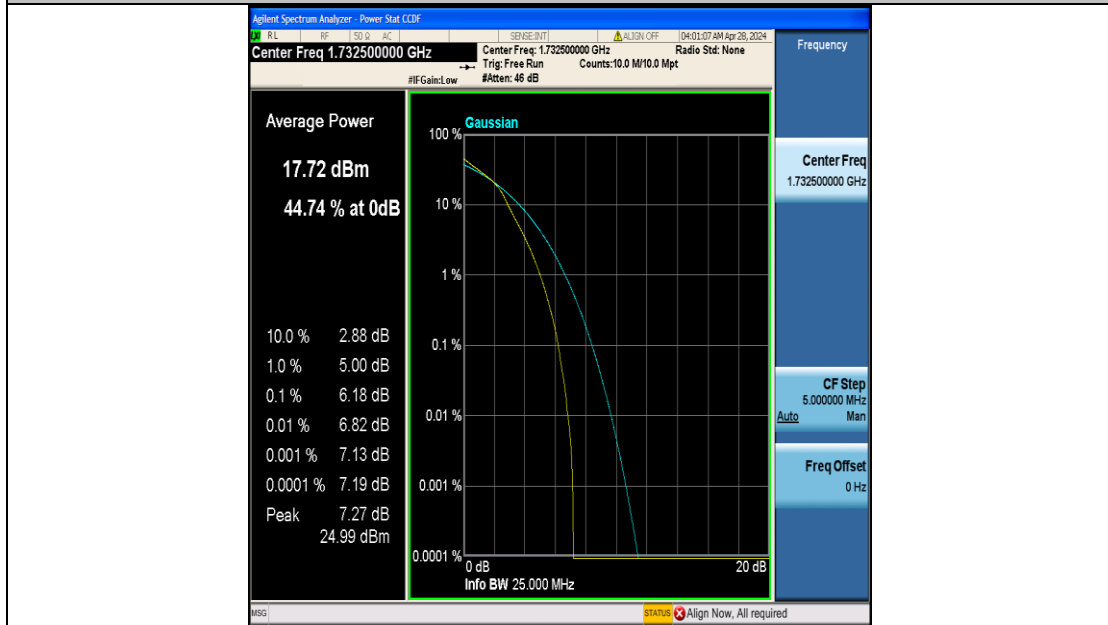
Band4-5MHz-QPSK-19975-25RB#0-PASS



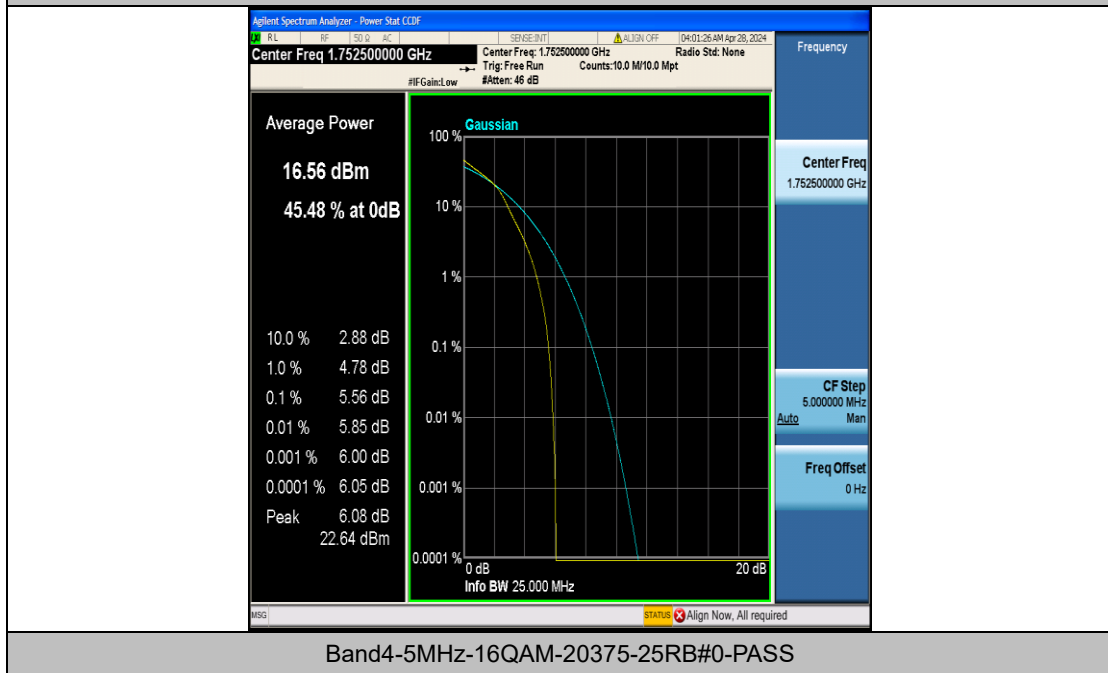
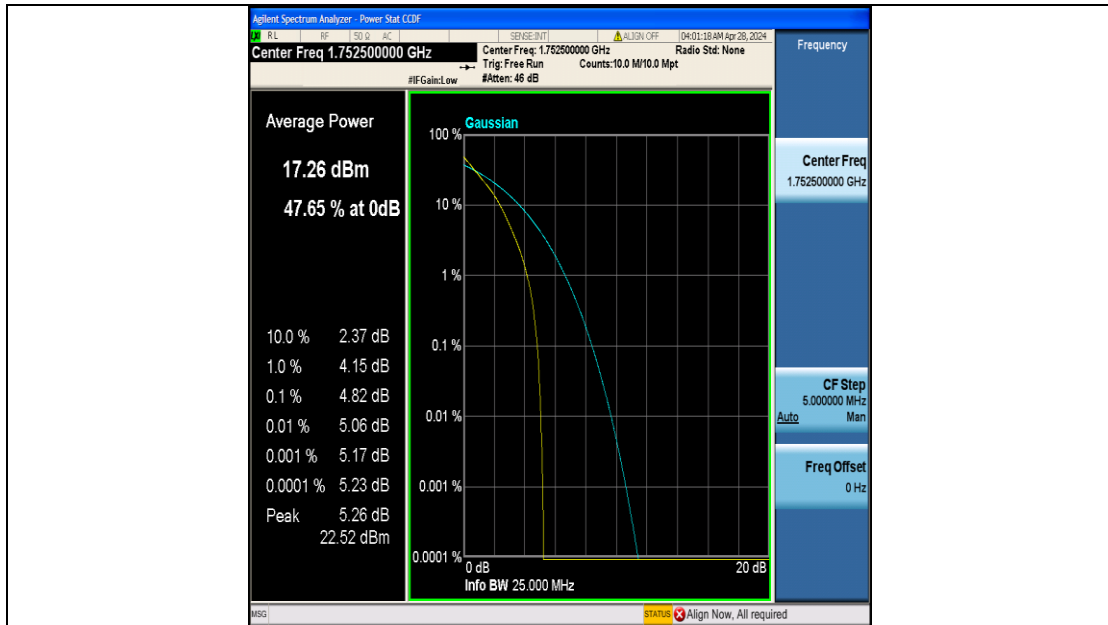
Band4-5MHz-16QAM-19975-25RB#0-PASS

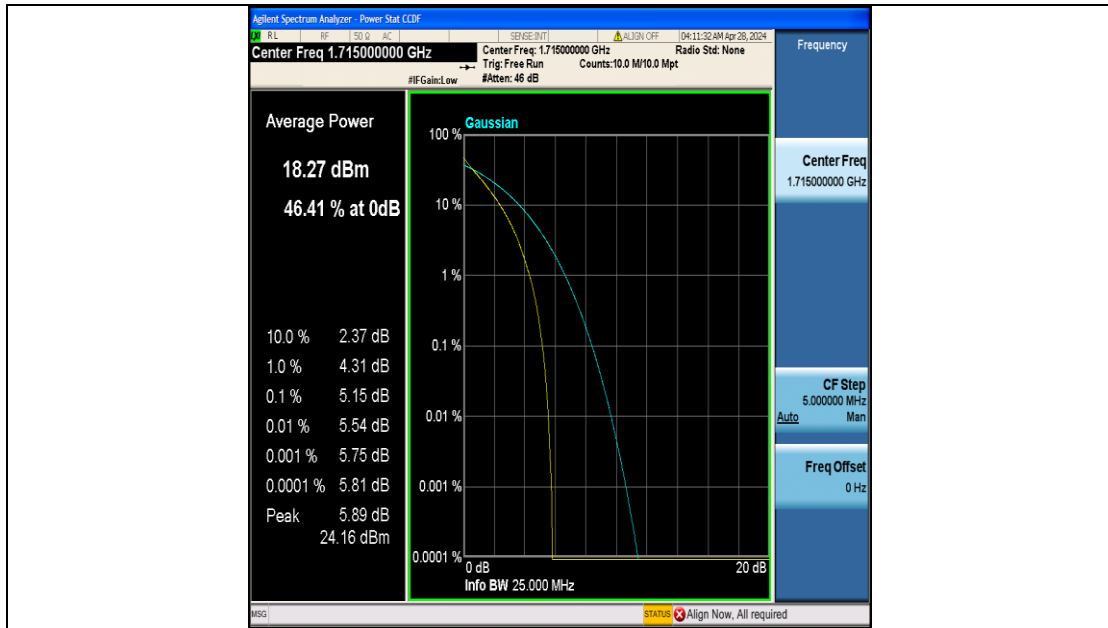


Band4-5MHz-QPSK-20175-25RB#0-PASS

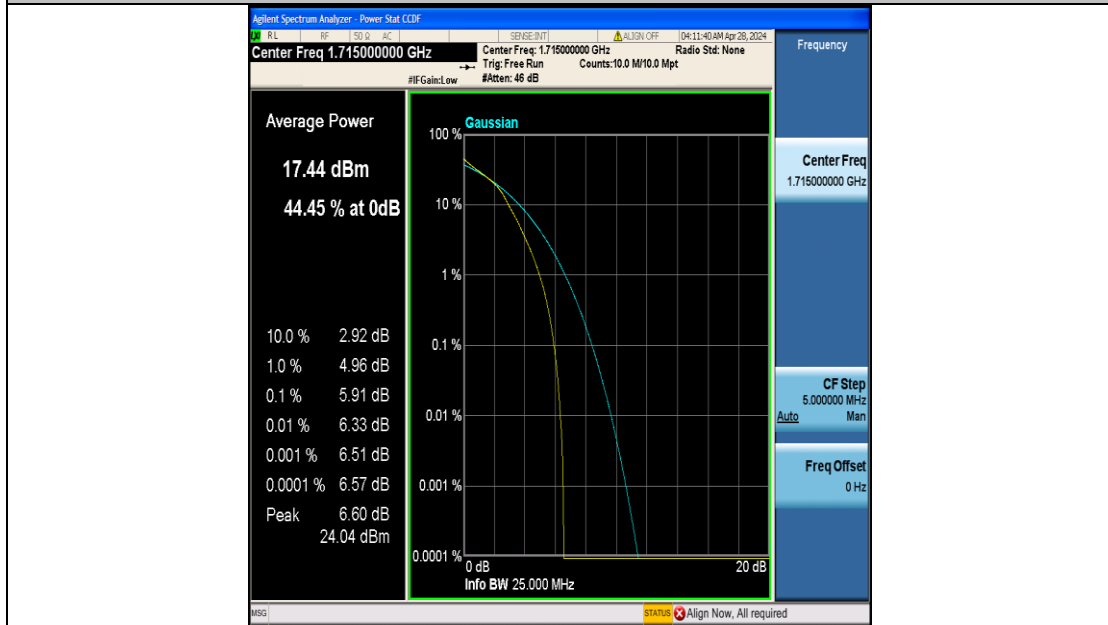


Band4-5MHz-16QAM-20175-25RB#0-PASS

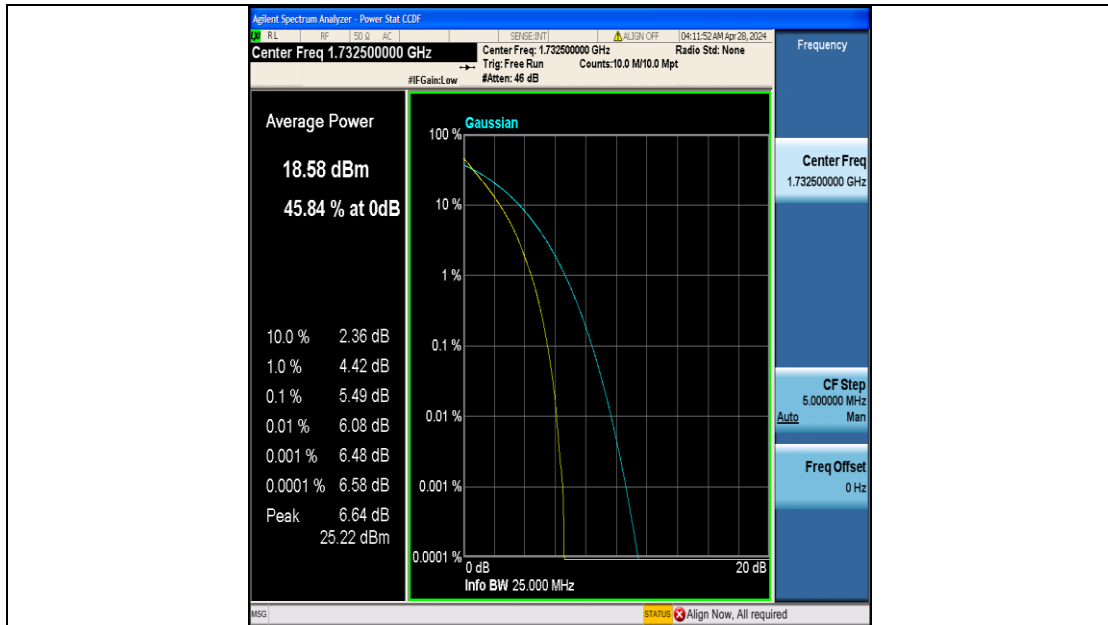




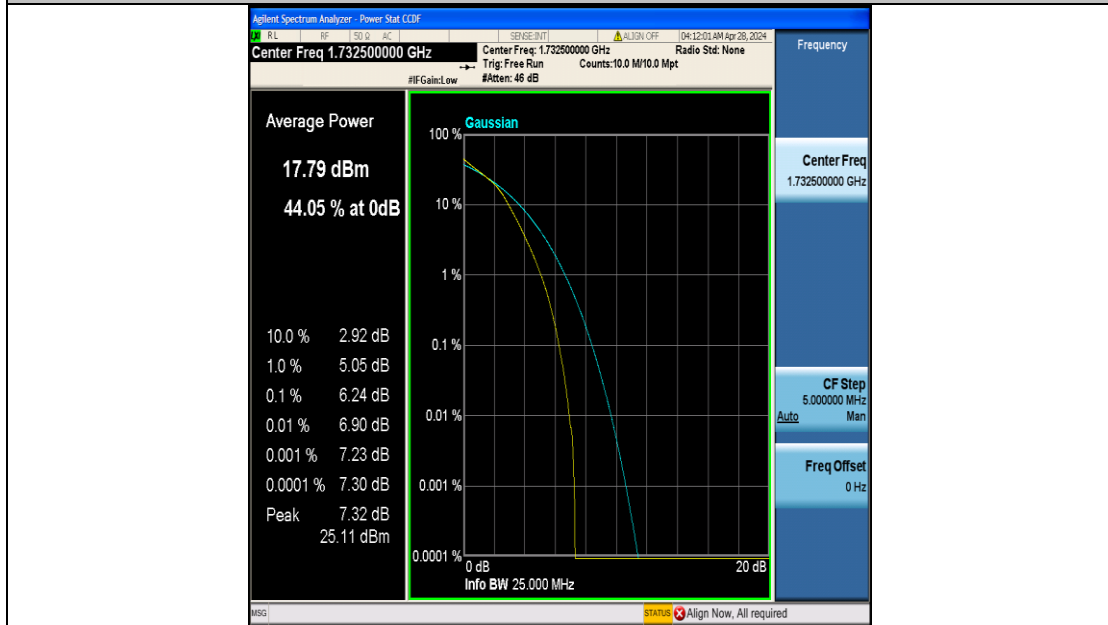
Band4-10MHz-QPSK-20000-50RB#0-PASS



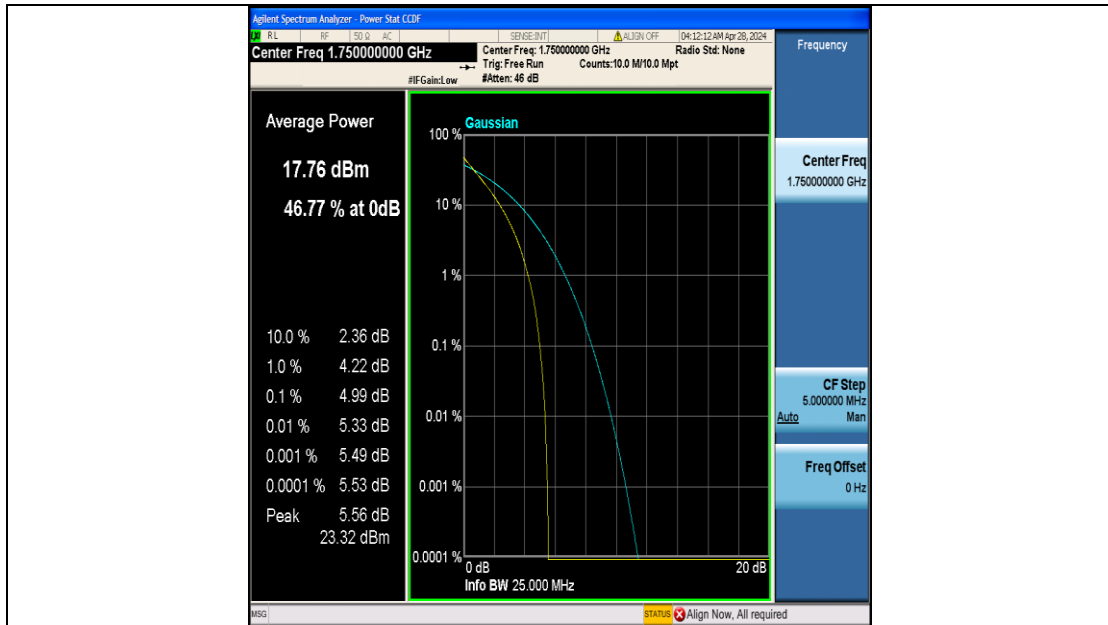
Band4-10MHz-16QAM-20000-50RB#0-PASS



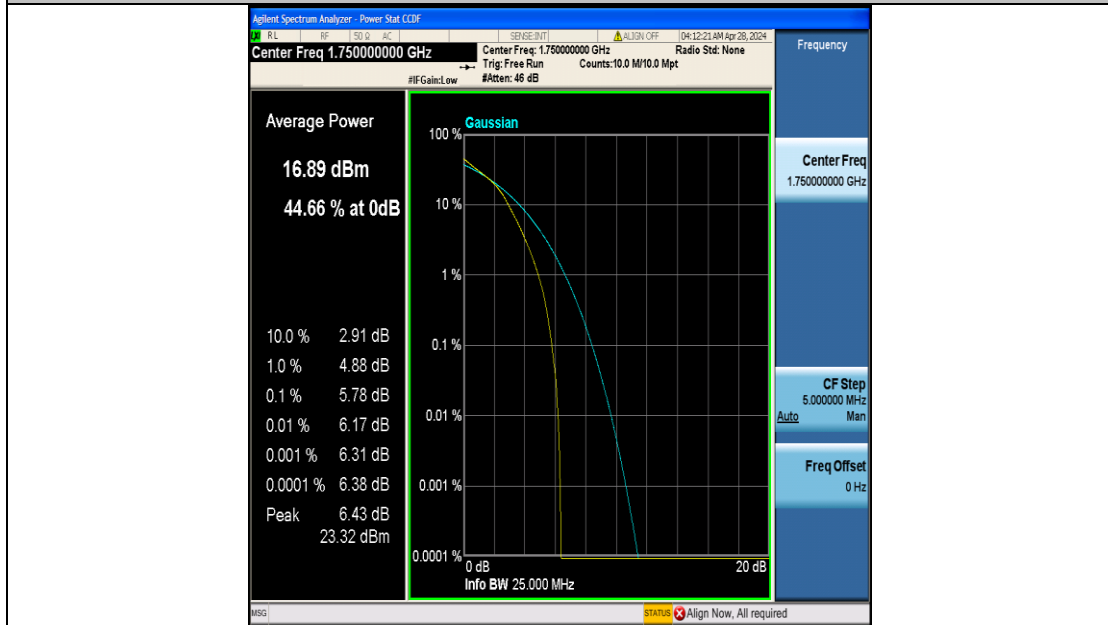
Band4-10MHz-QPSK-20175-50RB#0-PASS



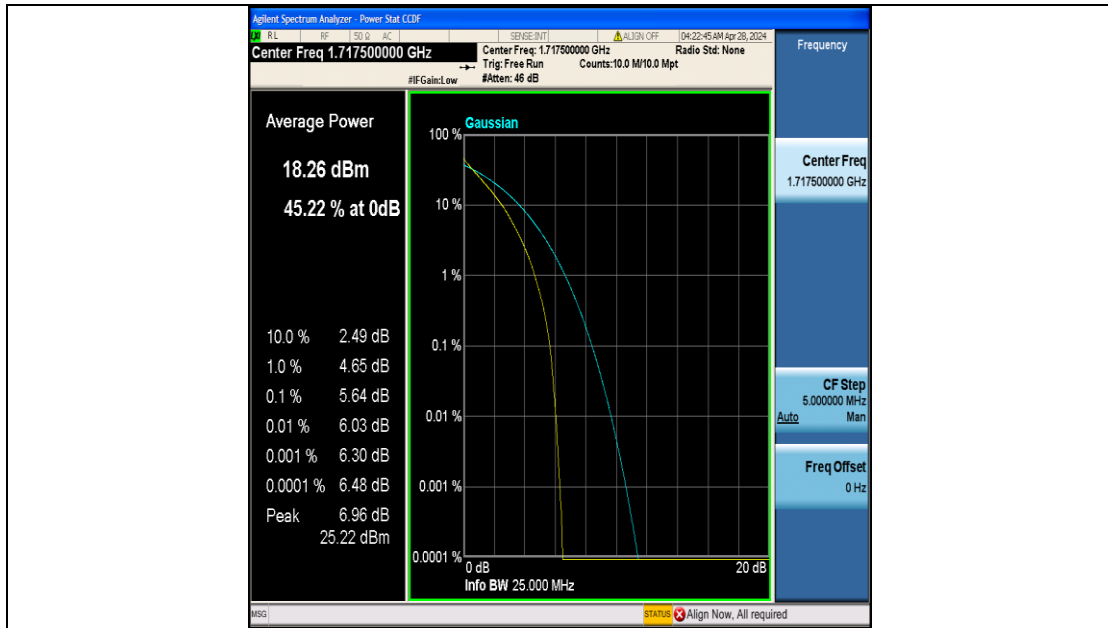
Band4-10MHz-16QAM-20175-50RB#0-PASS



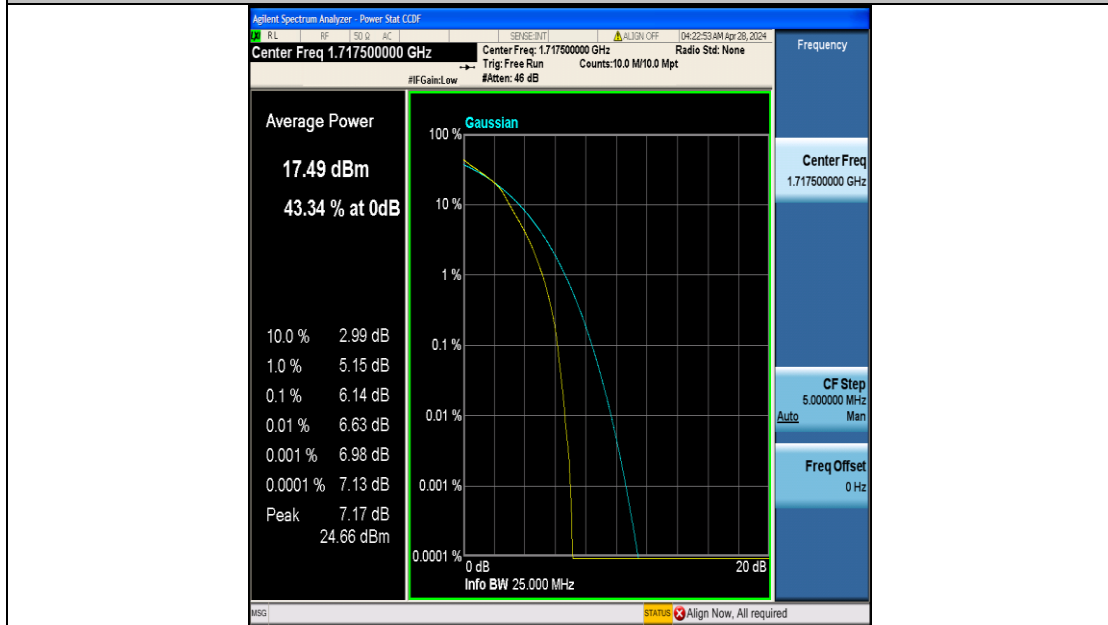
Band4-10MHz-QPSK-20350-50RB#0-PASS



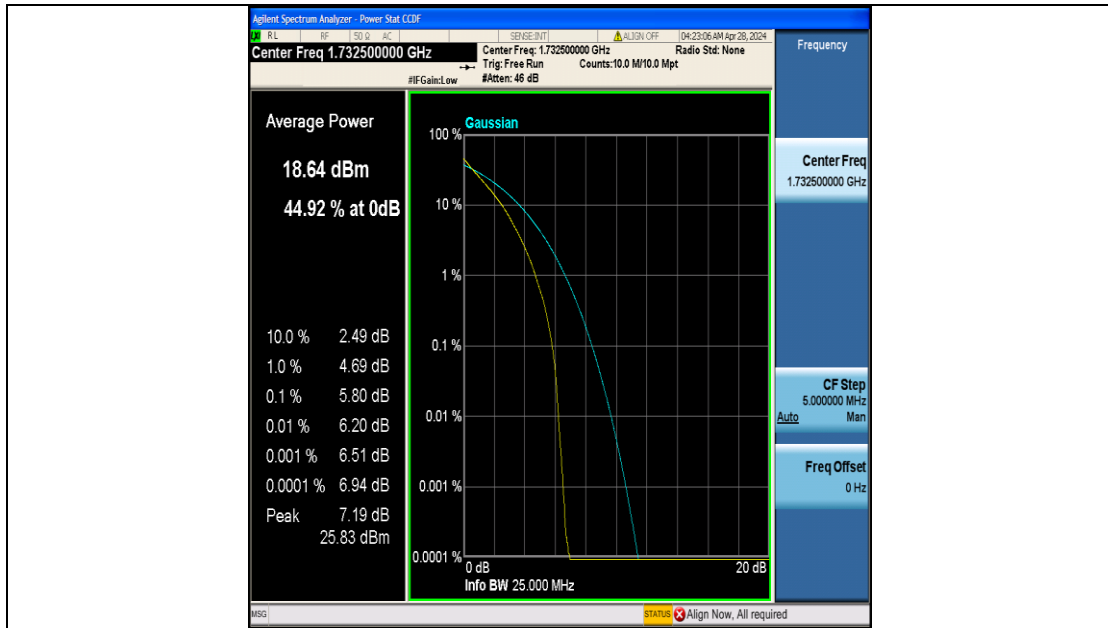
Band4-10MHz-16QAM-20350-50RB#0-PASS



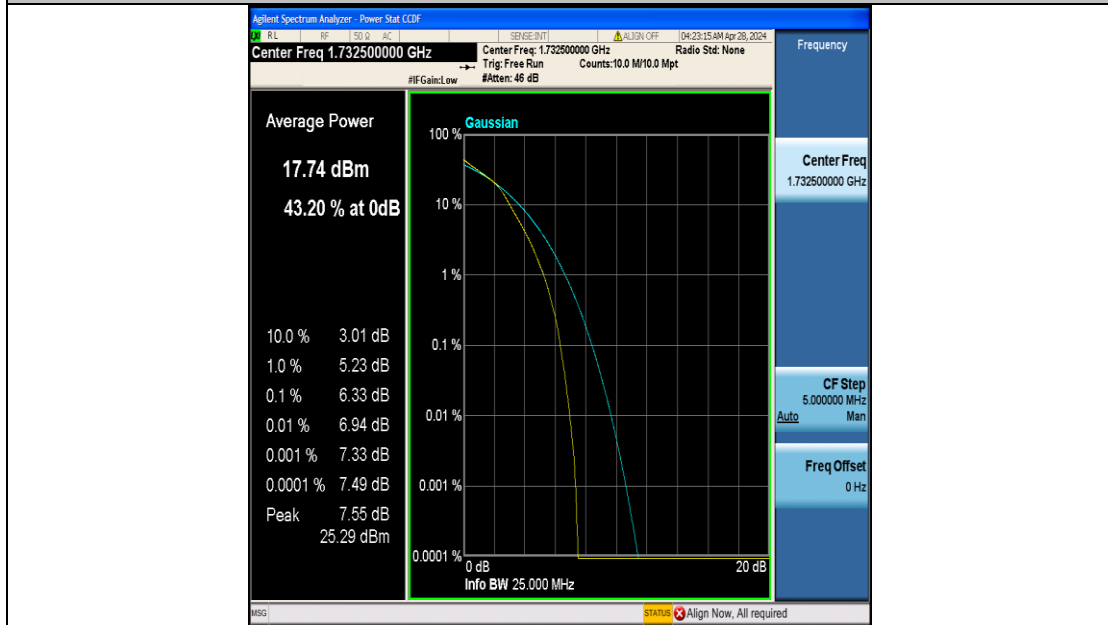
Band4-15MHz-QPSK-20025-75RB#0-PASS



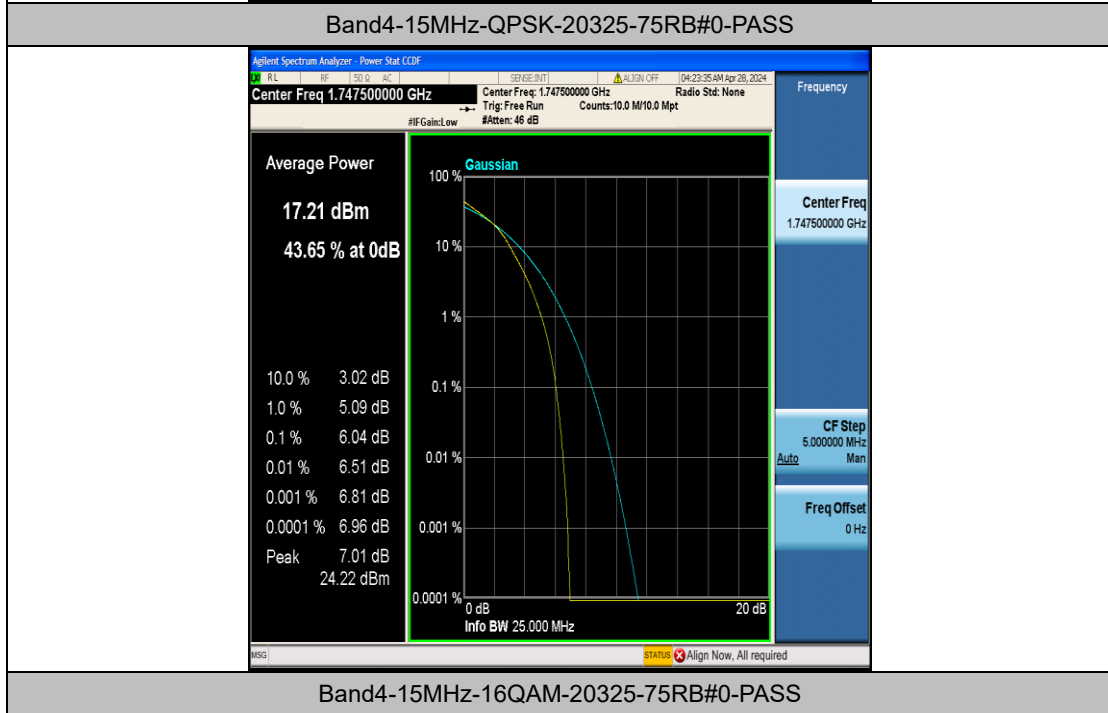
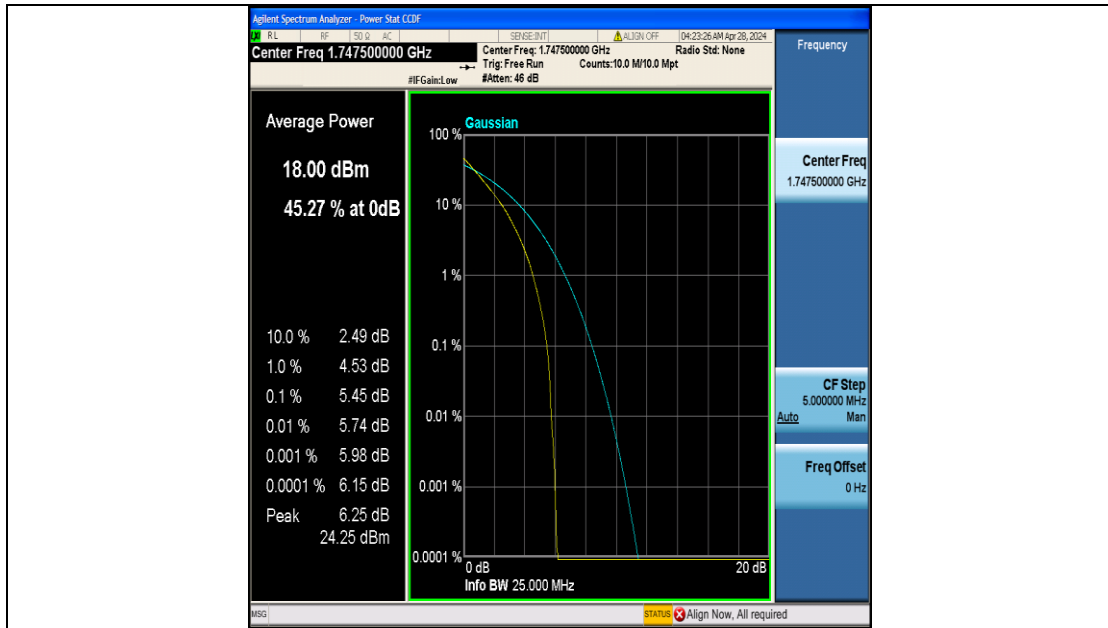
Band4-15MHz-16QAM-20025-75RB#0-PASS

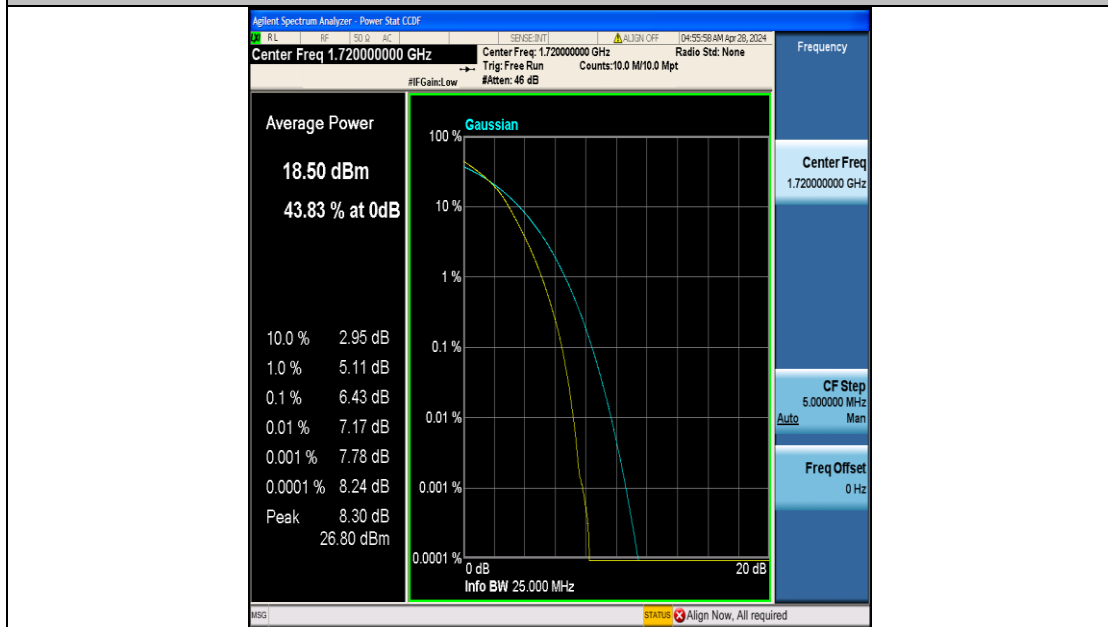
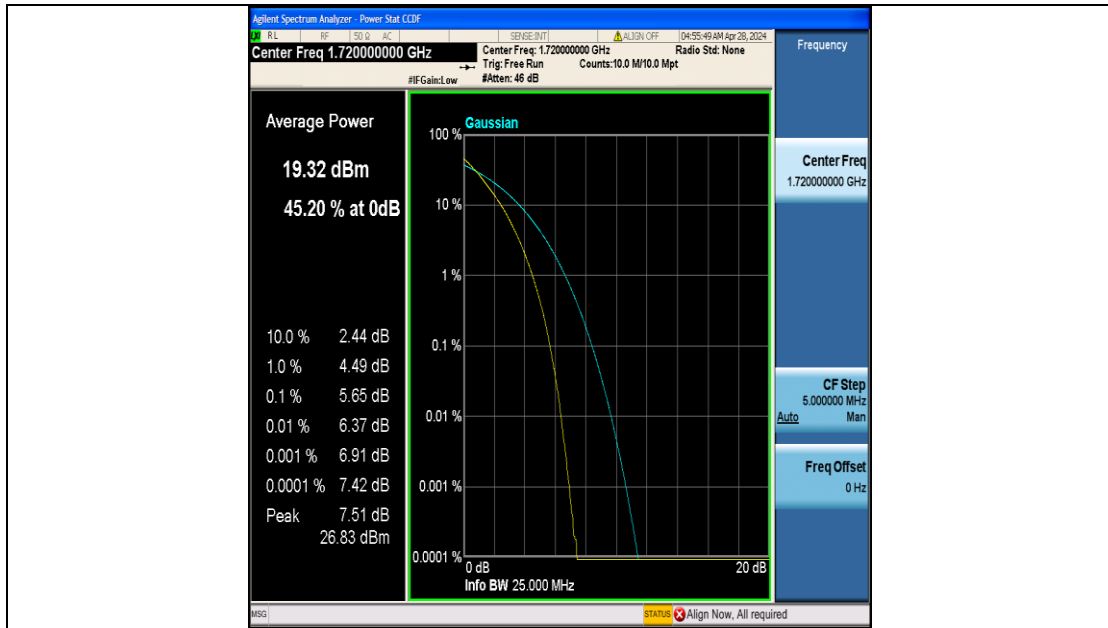


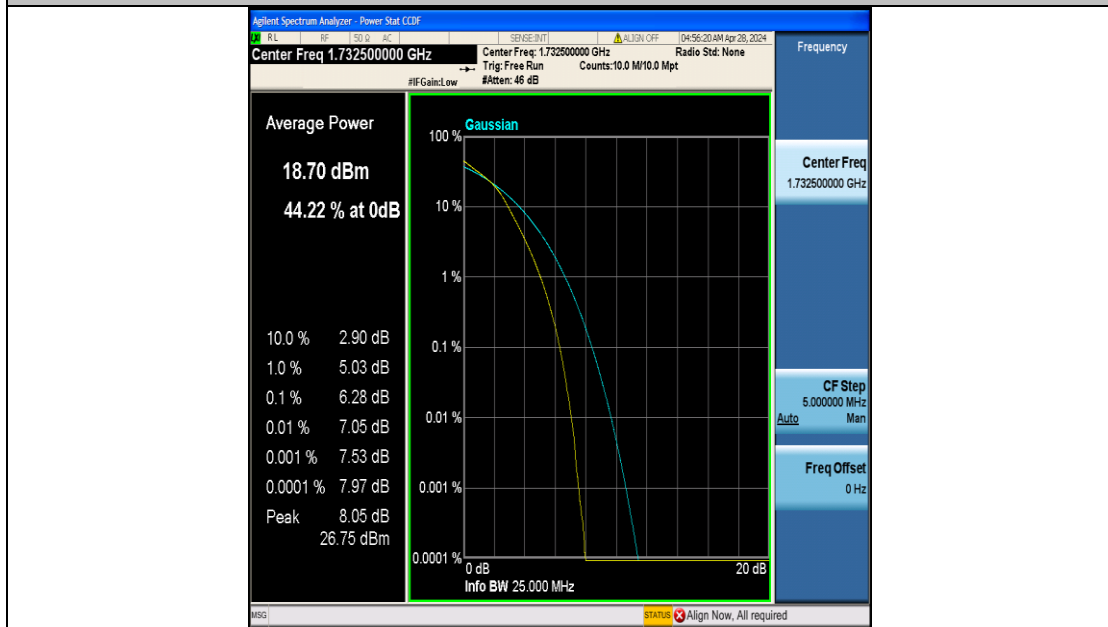
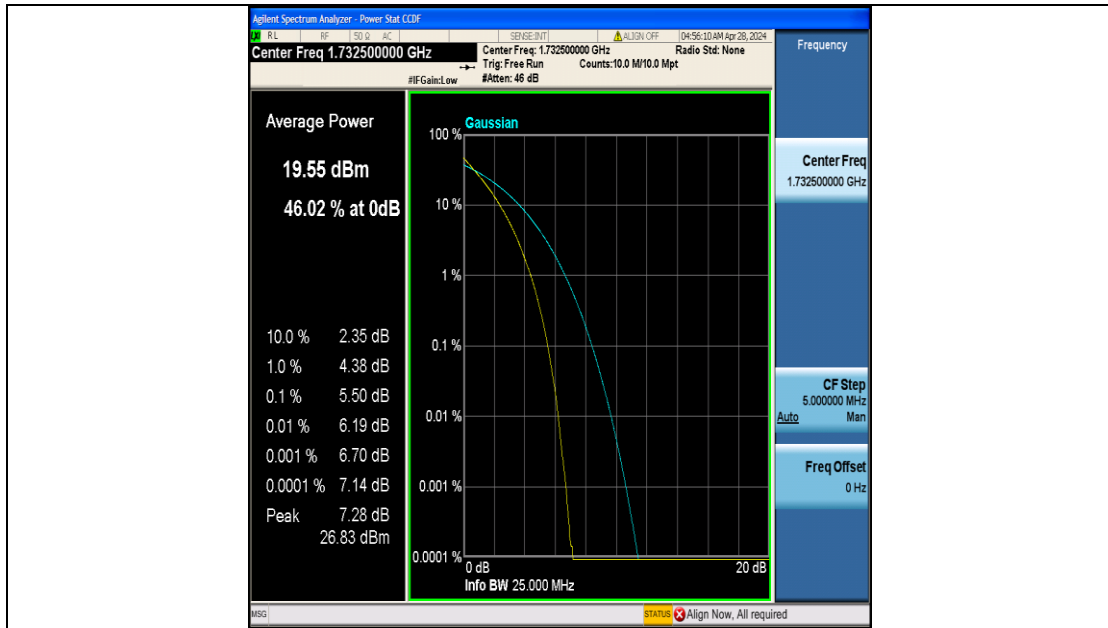
Band4-15MHz-QPSK-20175-75RB#0-PASS

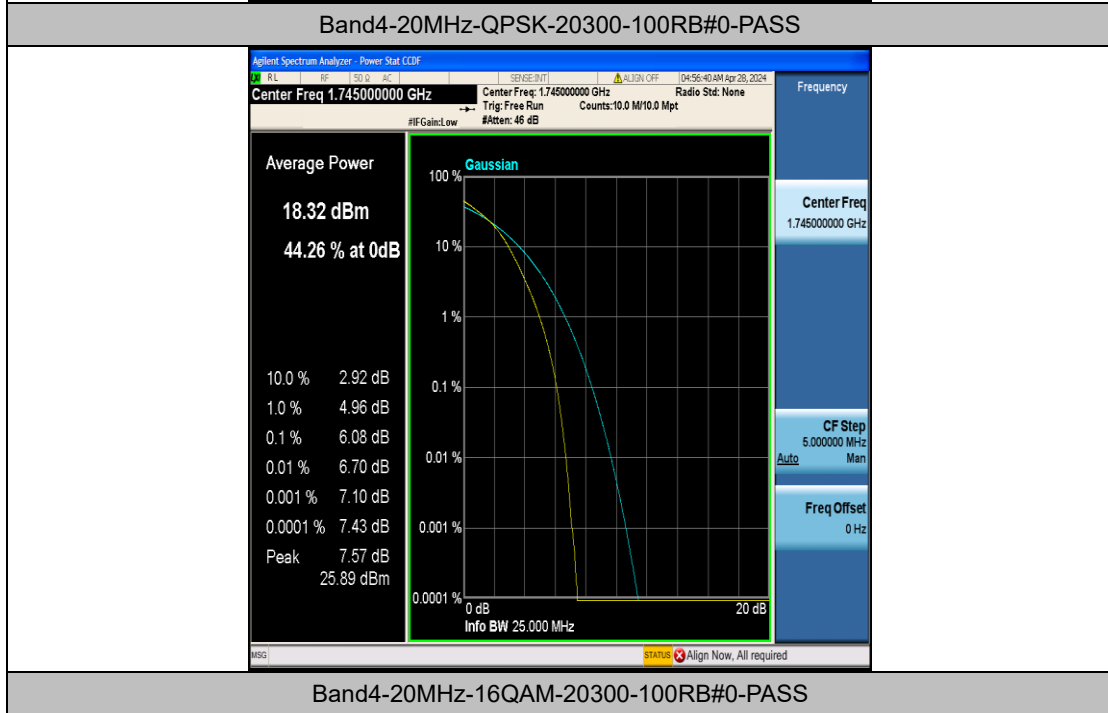
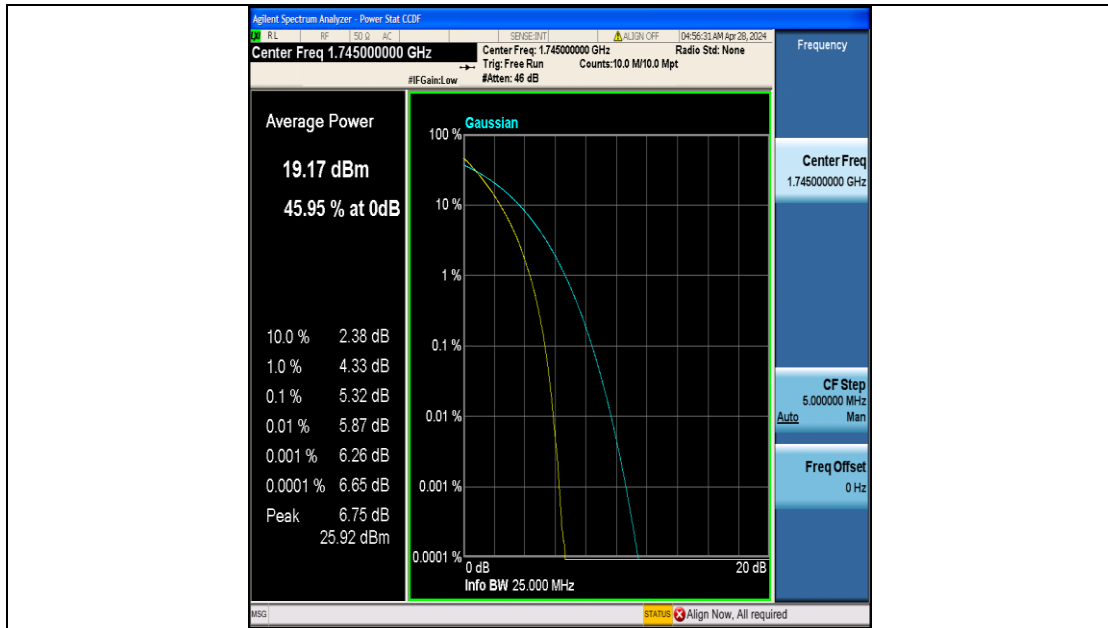


Band4-15MHz-16QAM-20175-75RB#0-PASS









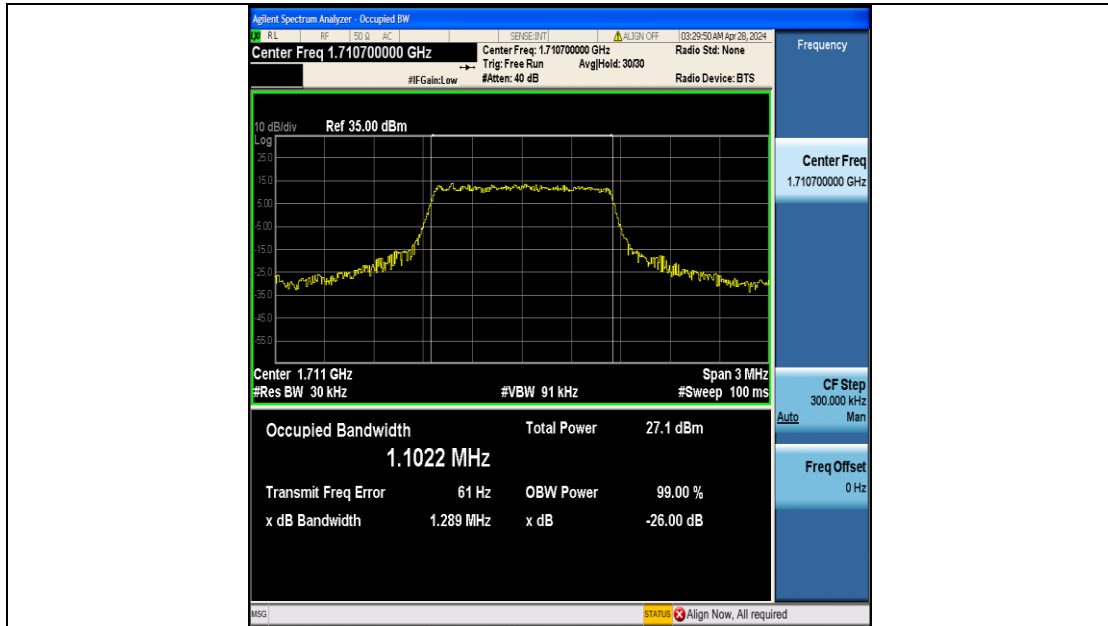
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

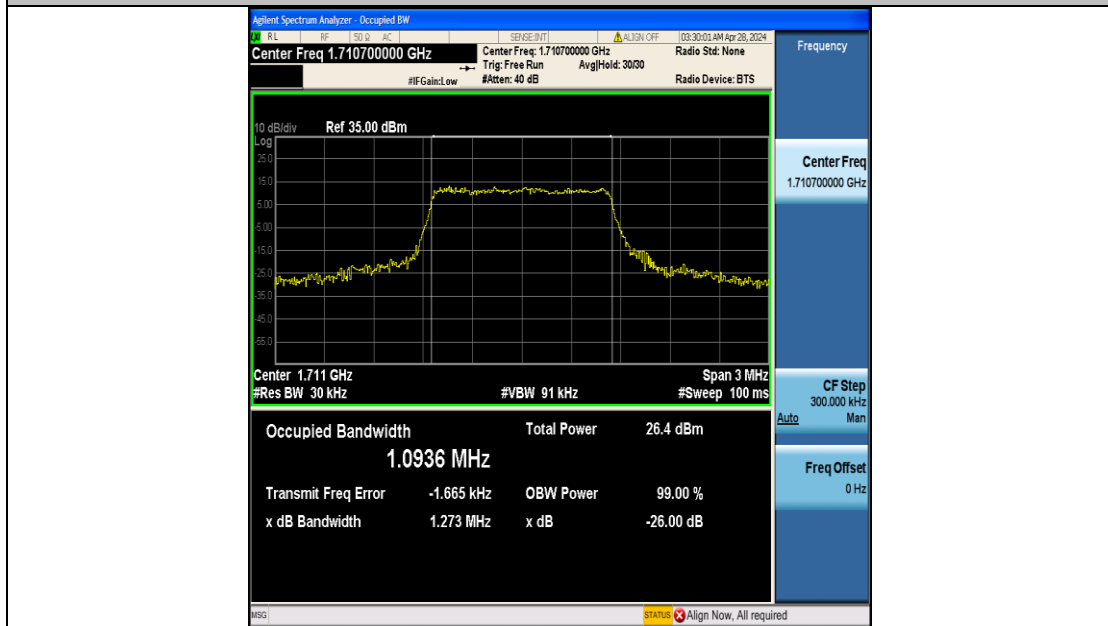
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.1022	1.289	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0936	1.273	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0924	1.265	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1042	1.265	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0925	1.259	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1062	1.269	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7151	3.040	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6962	3.020	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7199	3.063	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7045	3.040	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7149	3.054	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6990	3.018	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5239	5.366	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5255	5.253	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5258	5.267	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5236	5.249	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5286	5.365	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5239	5.291	PASS
Band4	10MHz	QPSK	20000	50RB#0	9.0005	10.20	PASS
Band4	10MHz	16QAM	20000	50RB#0	9.0005	10.18	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9846	10.02	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9902	10.06	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0025	10.14	PASS
Band4	10MHz	16QAM	20350	50RB#0	9.0012	10.05	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.527	15.43	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.535	15.13	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.514	15.33	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.498	15.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.496	15.35	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.481	15.02	PASS
Band4	20MHz	QPSK	20050	100RB#0	18.039	20.06	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.001	20.16	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.963	19.99	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.019	20.17	PASS

Band4	20MHz	QPSK	20300	100RB#0	18.016	19.93	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.964	20.04	PASS

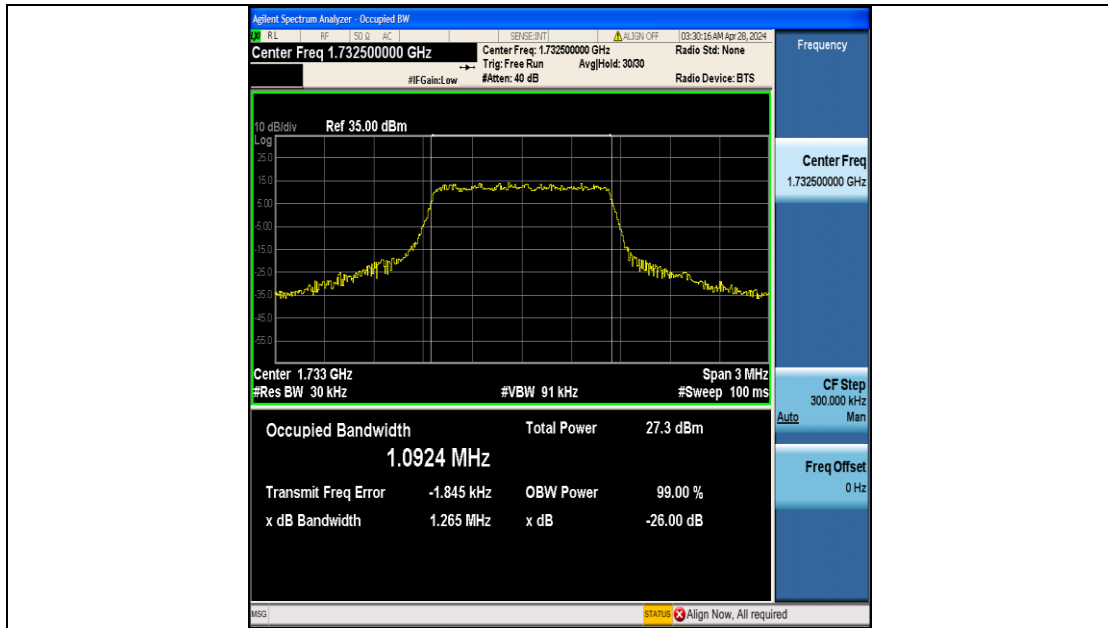
Test Graphs



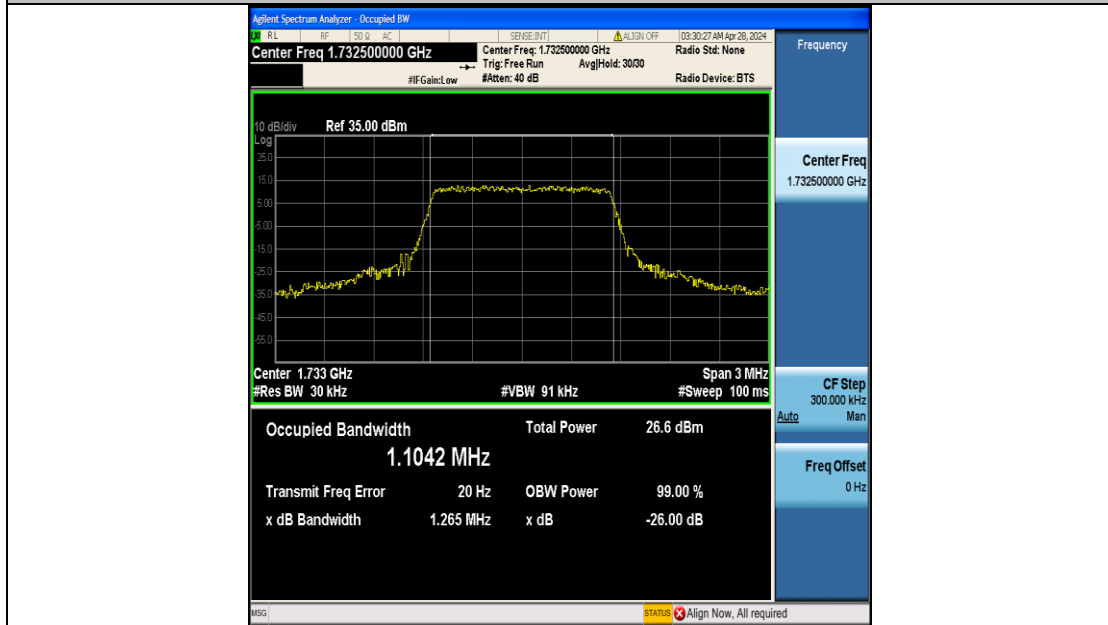
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



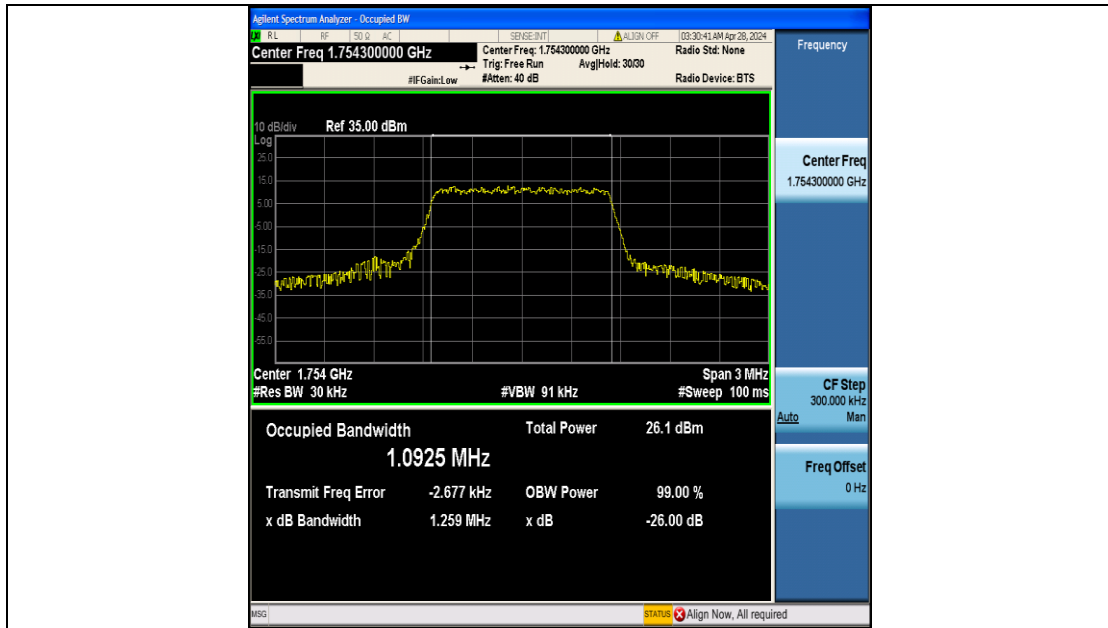
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



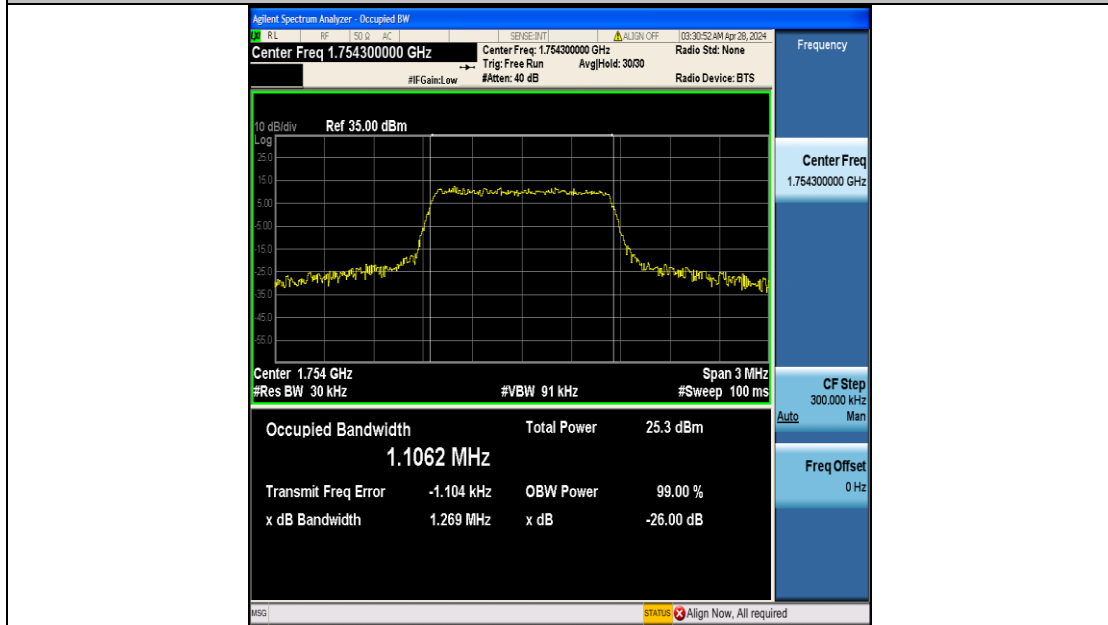
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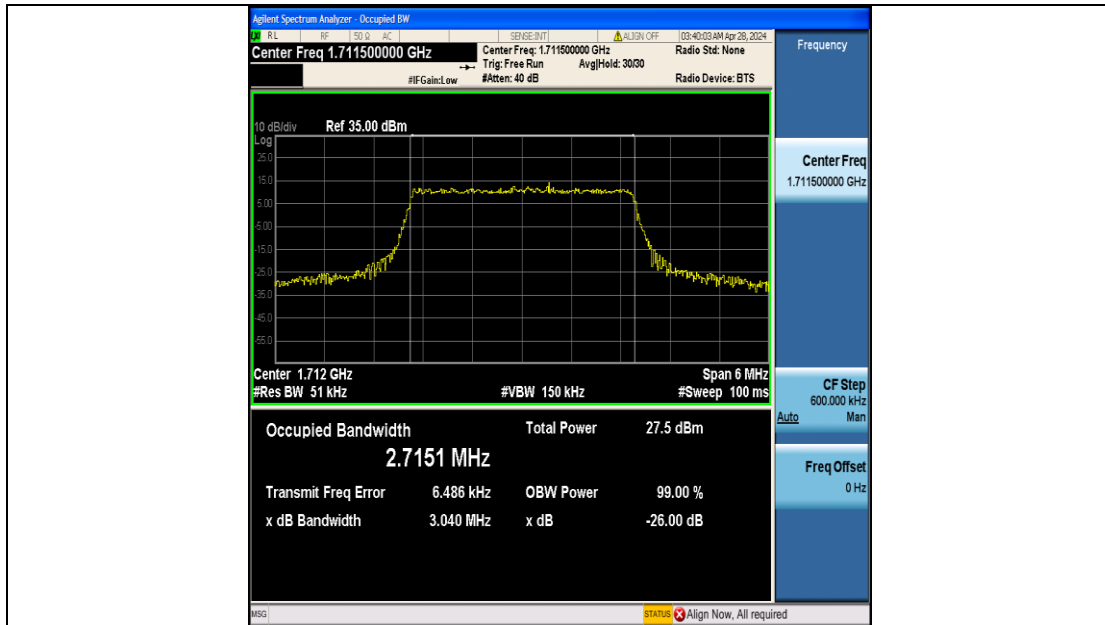
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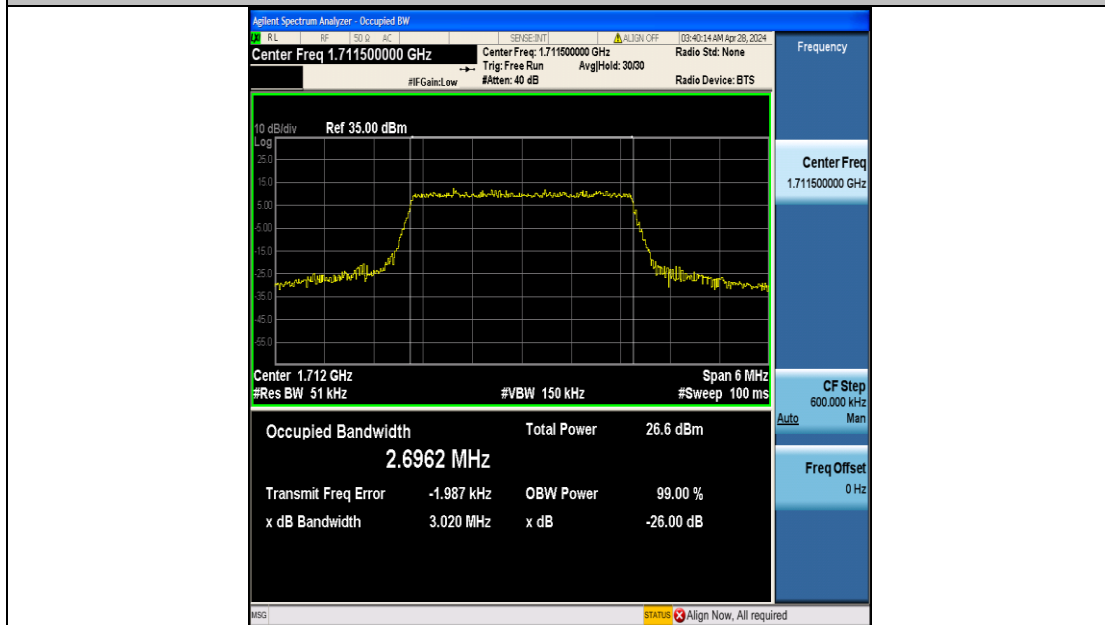
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



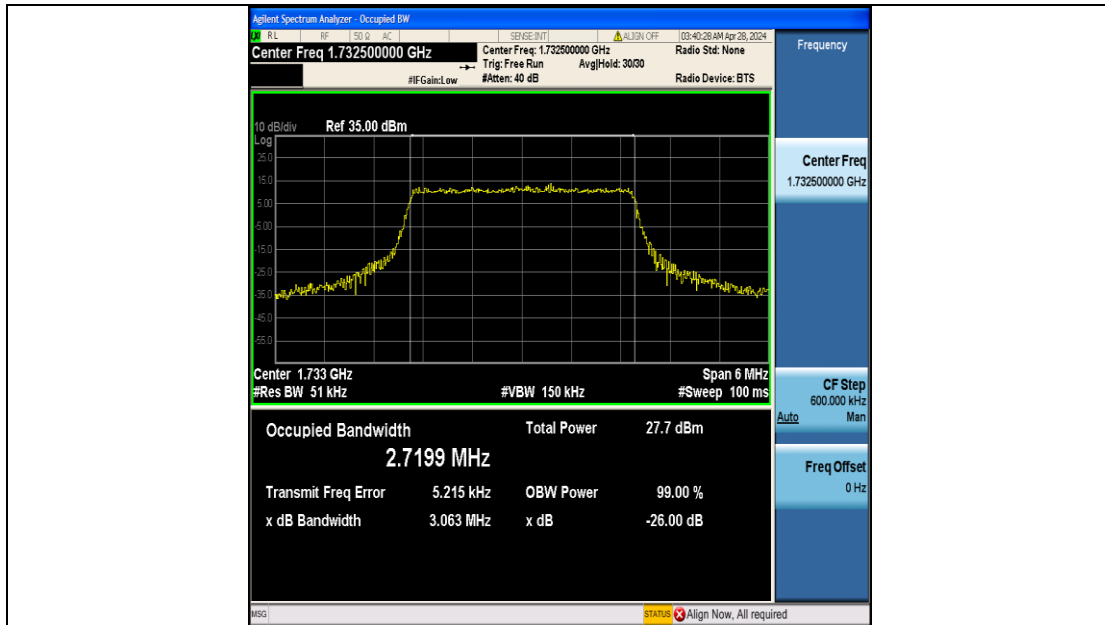
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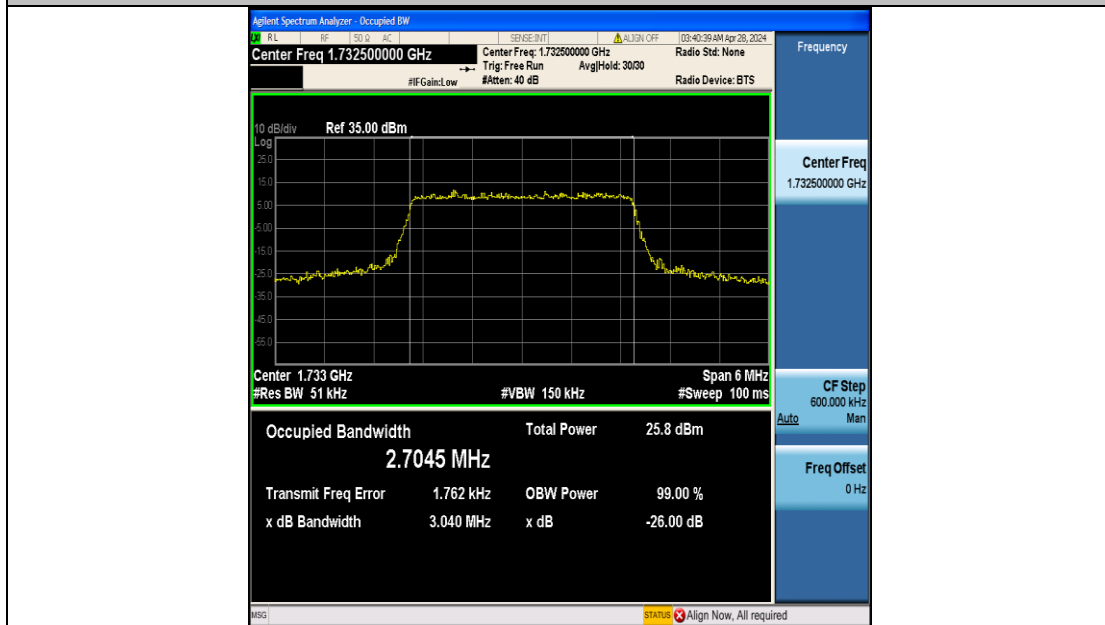
Band4-3MHz-QPSK-19965-15RB#0-PASS



Band4-3MHz-16QAM-19965-15RB#0-PASS



Band4-3MHz-QPSK-20175-15RB#0-PASS



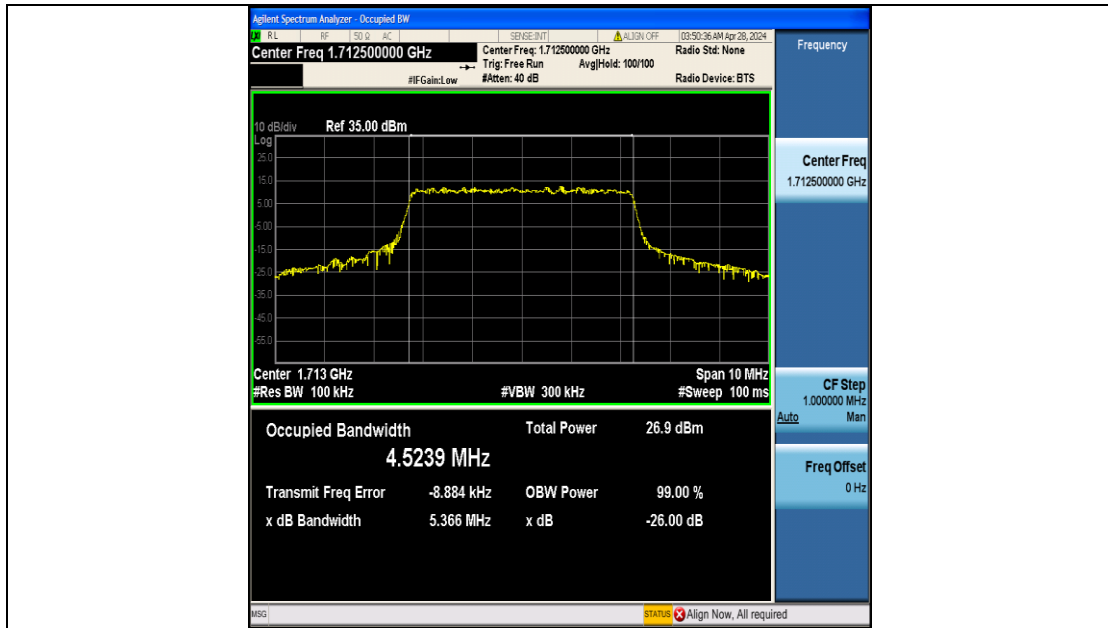
Band4-3MHz-16QAM-20175-15RB#0-PASS



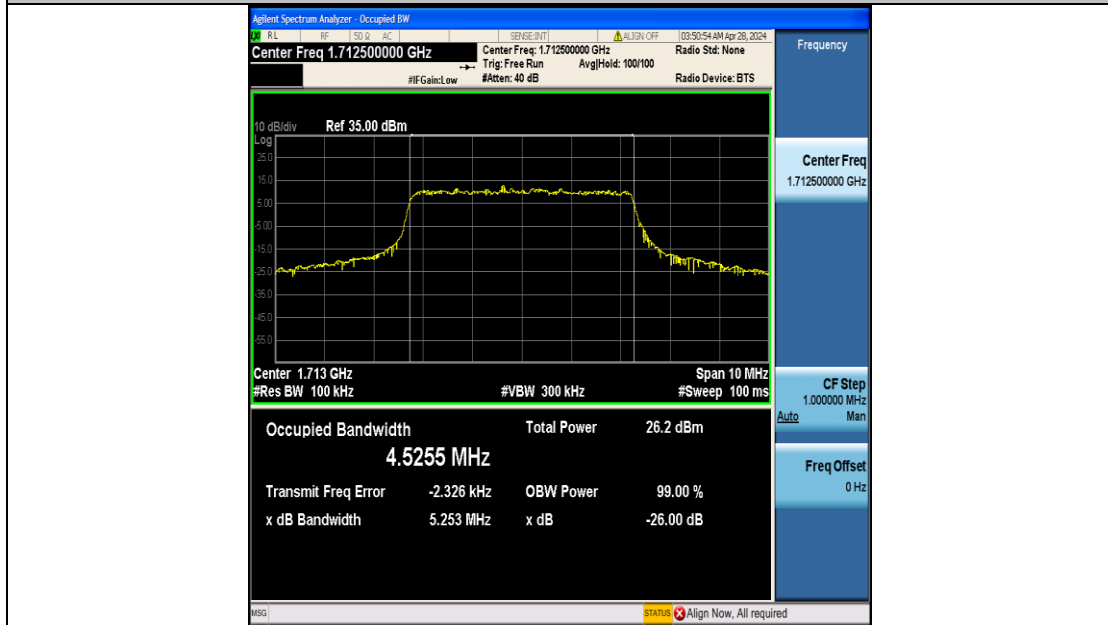
Band4-3MHz-QPSK-20385-15RB#0-PASS



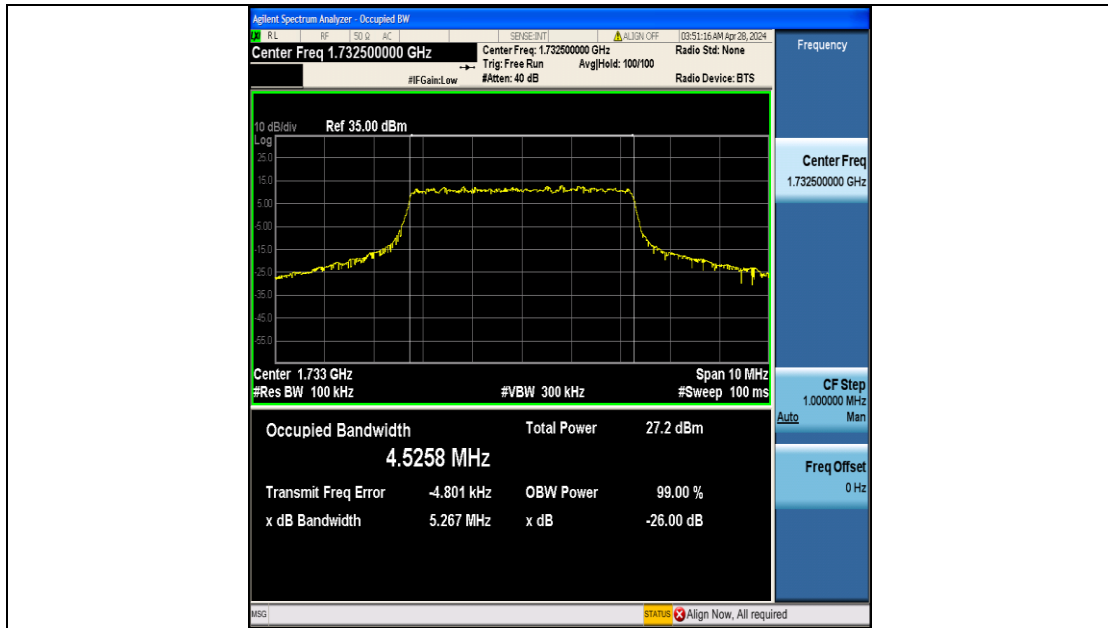
Band4-3MHz-16QAM-20385-15RB#0-PASS



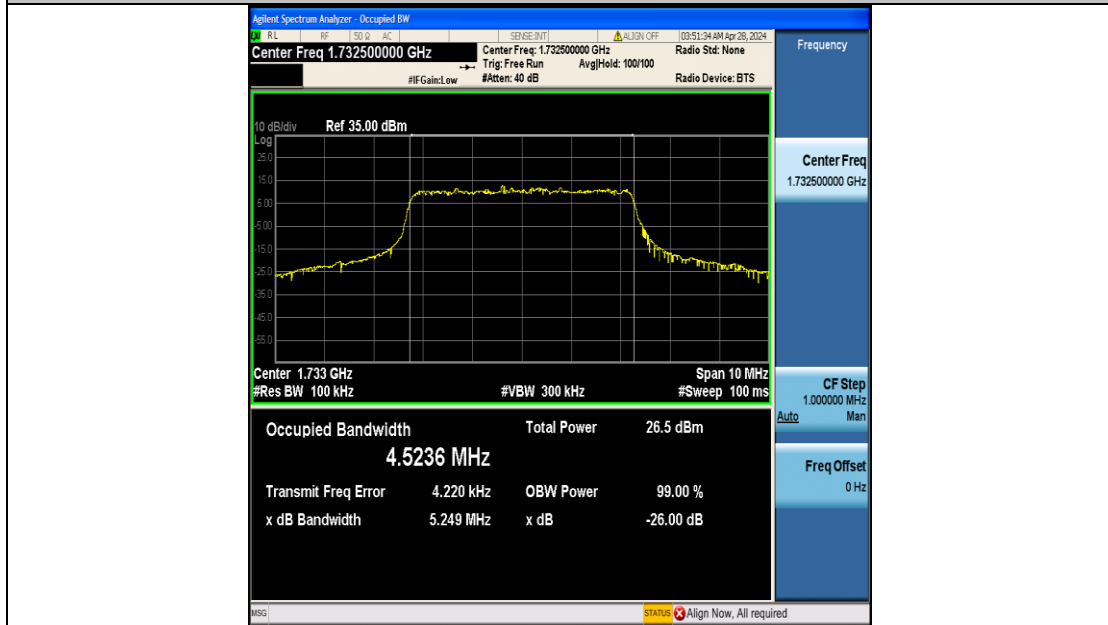
Band4-5MHz-QPSK-19975-25RB#0-PASS



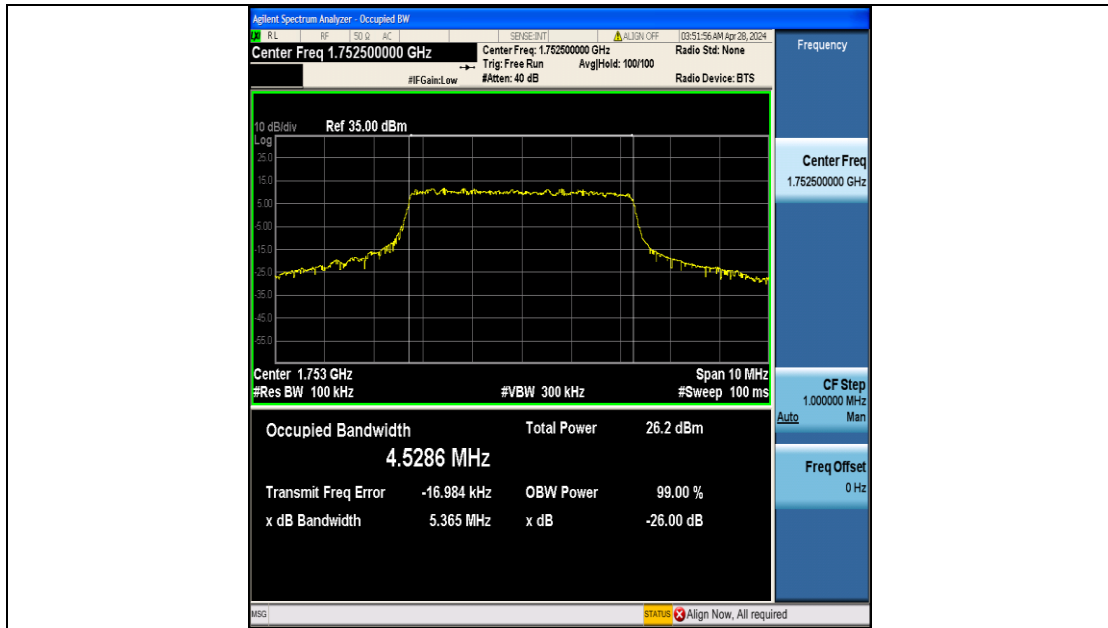
Band4-5MHz-16QAM-19975-25RB#0-PASS



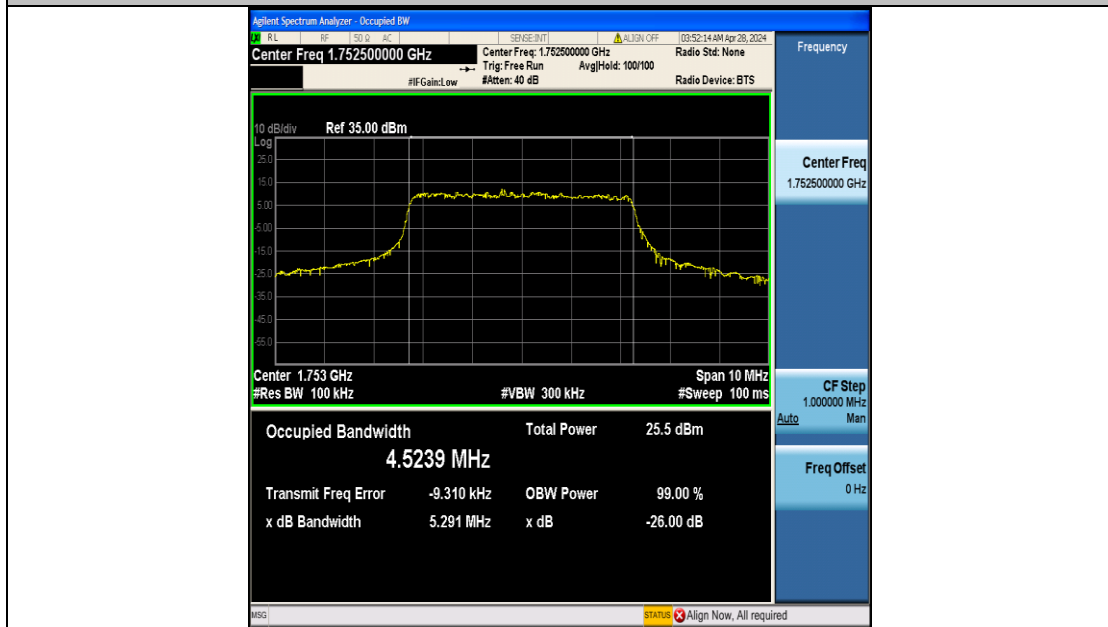
Band4-5MHz-QPSK-20175-25RB#0-PASS



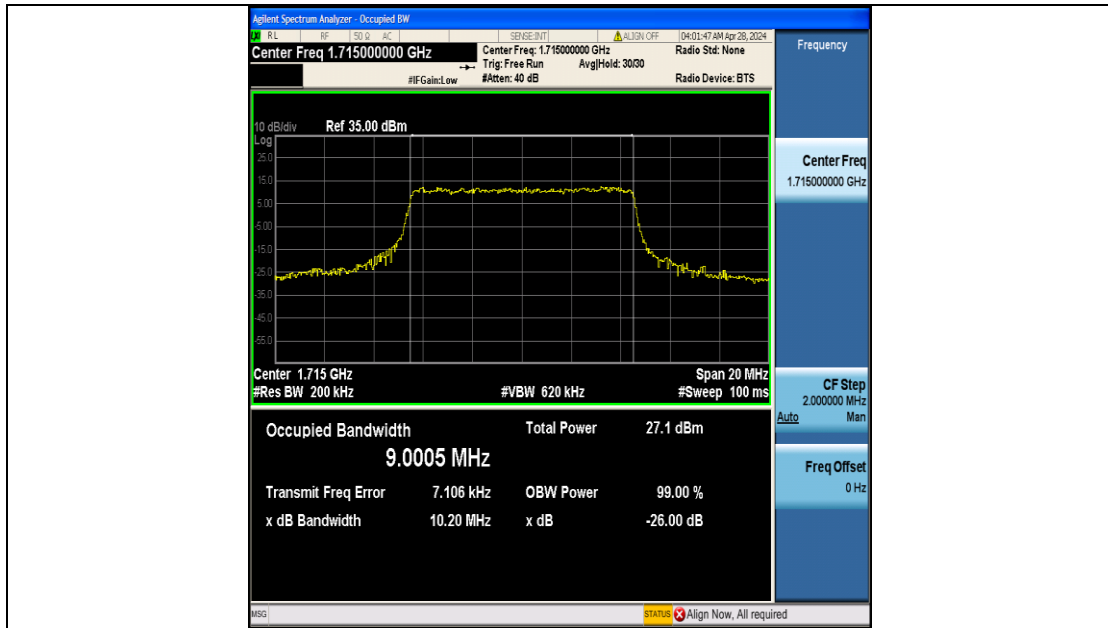
Band4-5MHz-16QAM-20175-25RB#0-PASS



Band4-5MHz-QPSK-20375-25RB#0-PASS



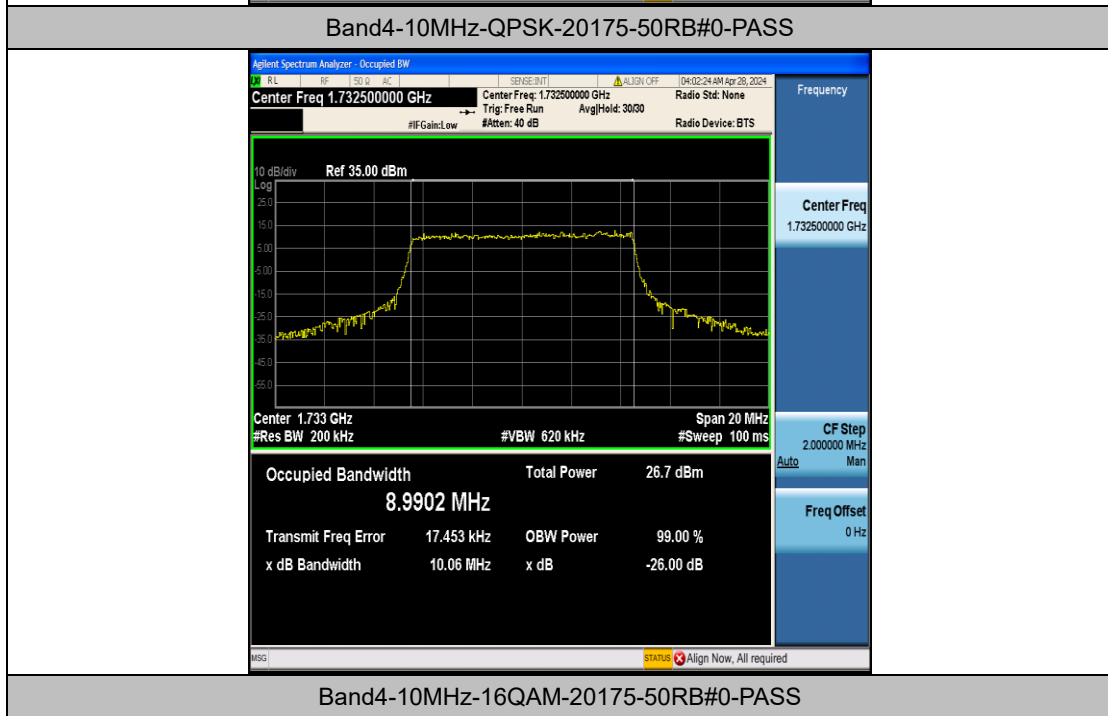
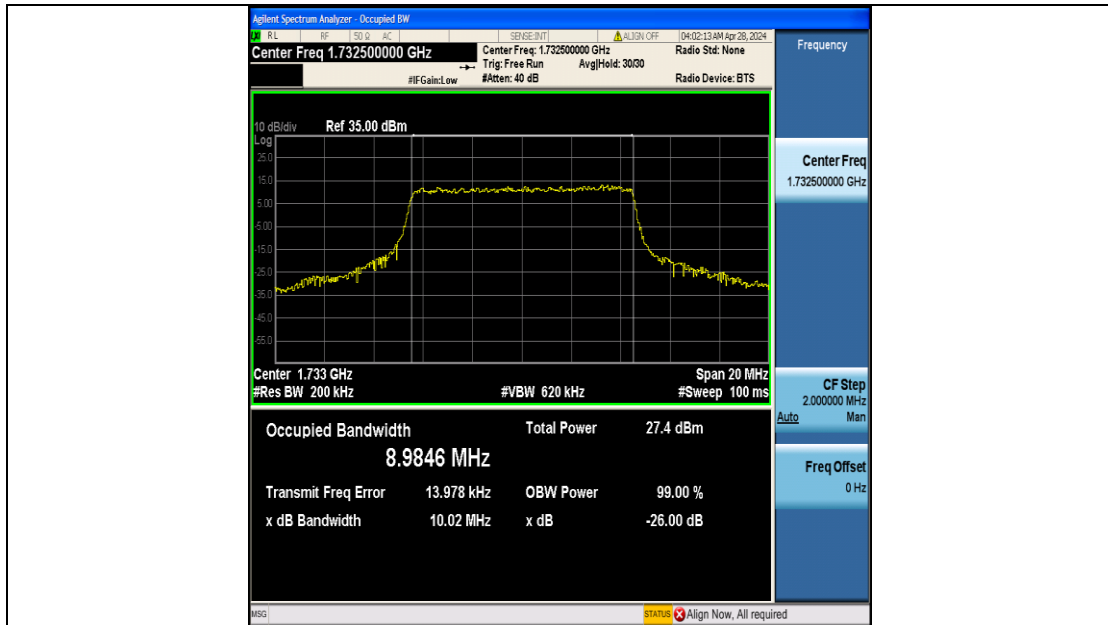
Band4-5MHz-16QAM-20375-25RB#0-PASS

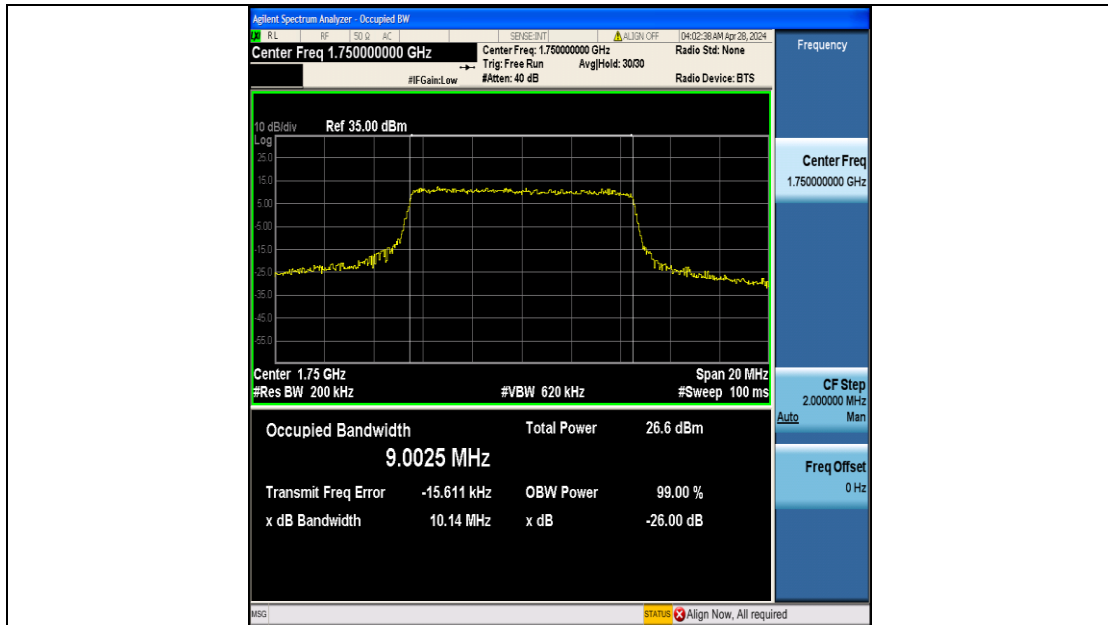


Band4-10MHz-QPSK-20000-50RB#0-PASS

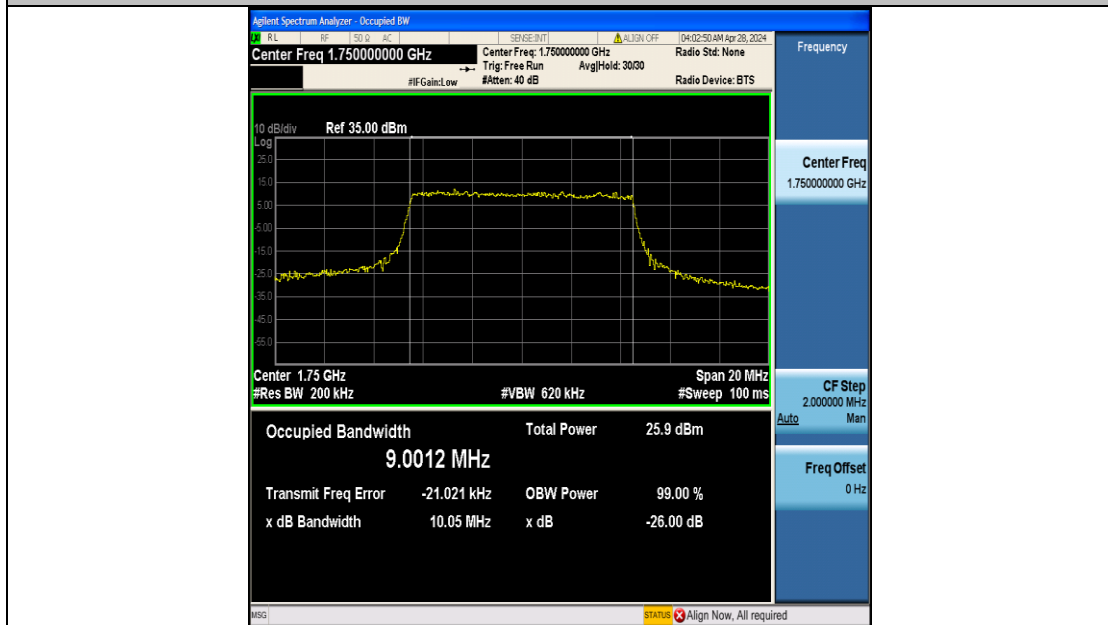


Band4-10MHz-16QAM-20000-50RB#0-PASS

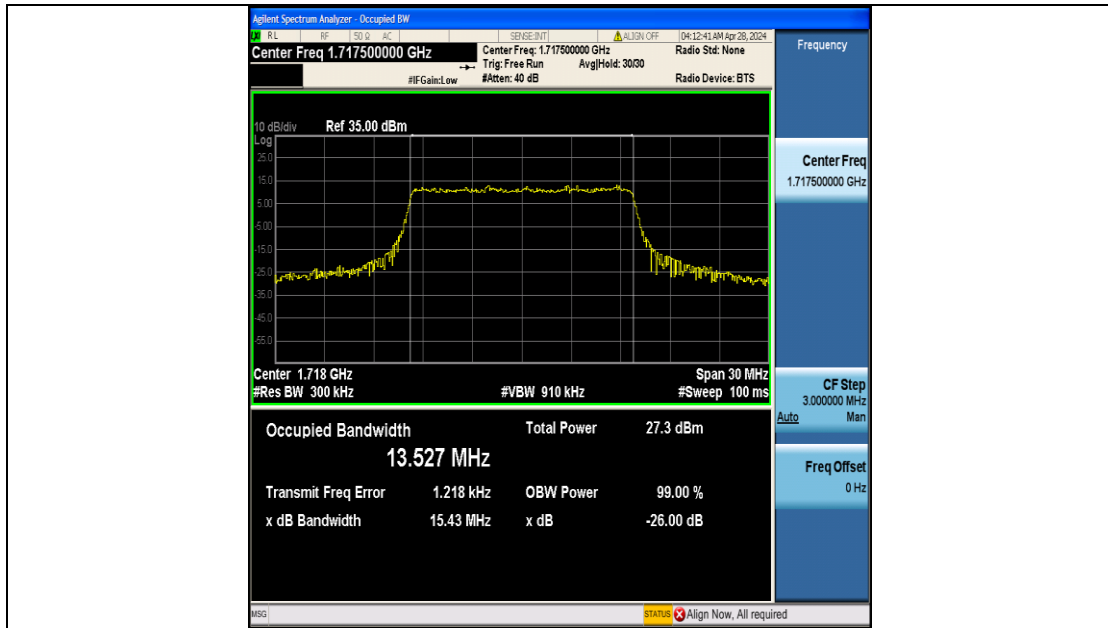




Band4-10MHz-QPSK-20350-50RB#0-PASS



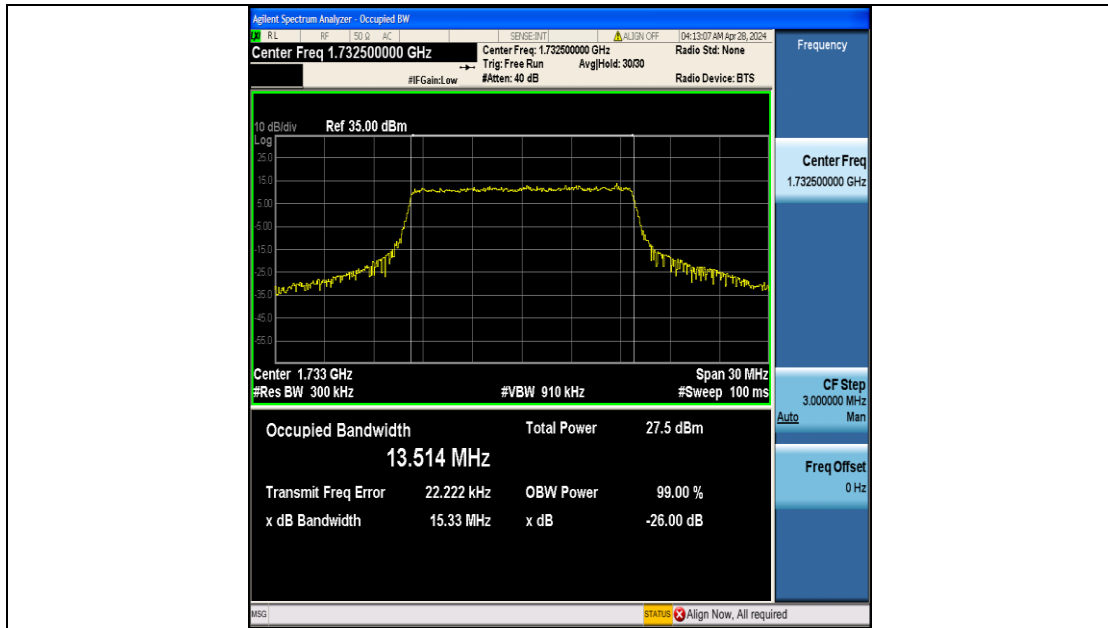
Band4-10MHz-16QAM-20350-50RB#0-PASS



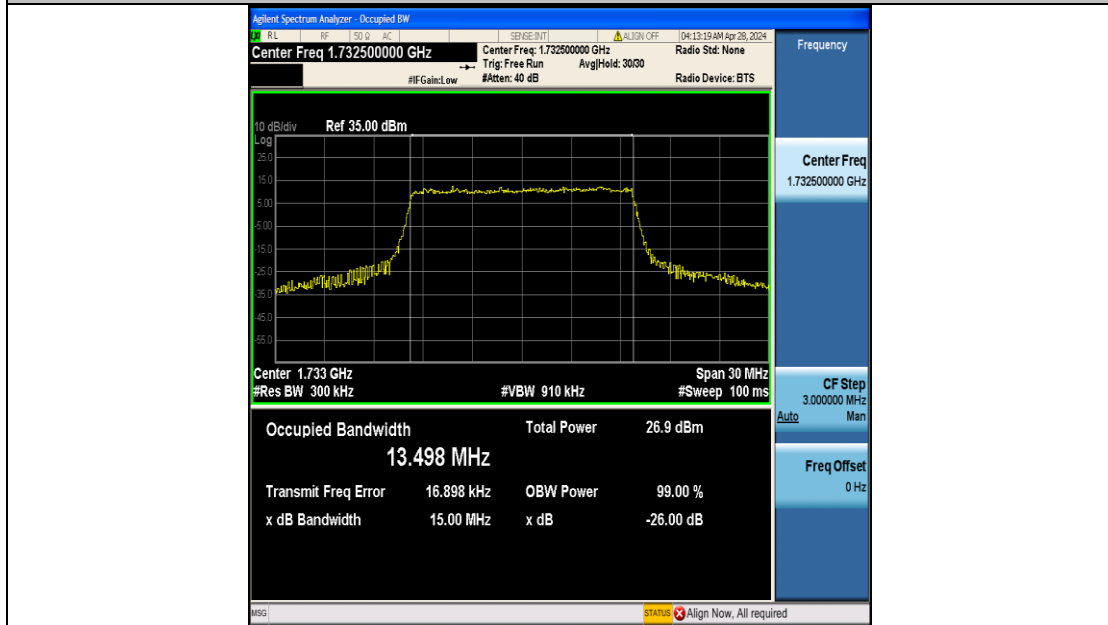
Band4-15MHz-QPSK-20025-75RB#0-PASS



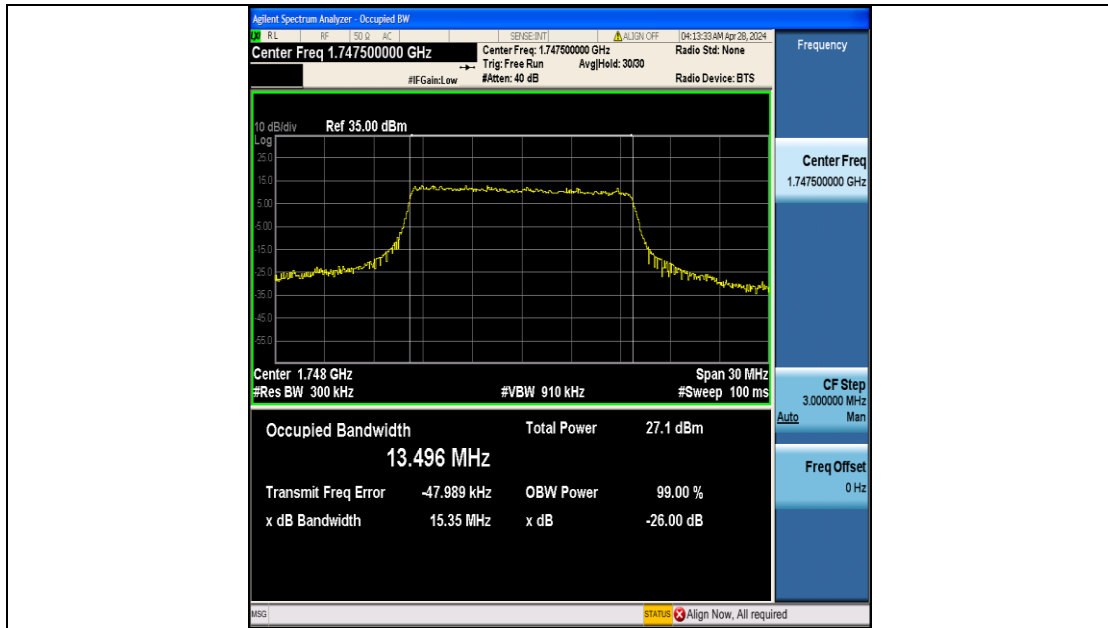
Band4-15MHz-16QAM-20025-75RB#0-PASS



Band4-15MHz-QPSK-20175-75RB#0-PASS



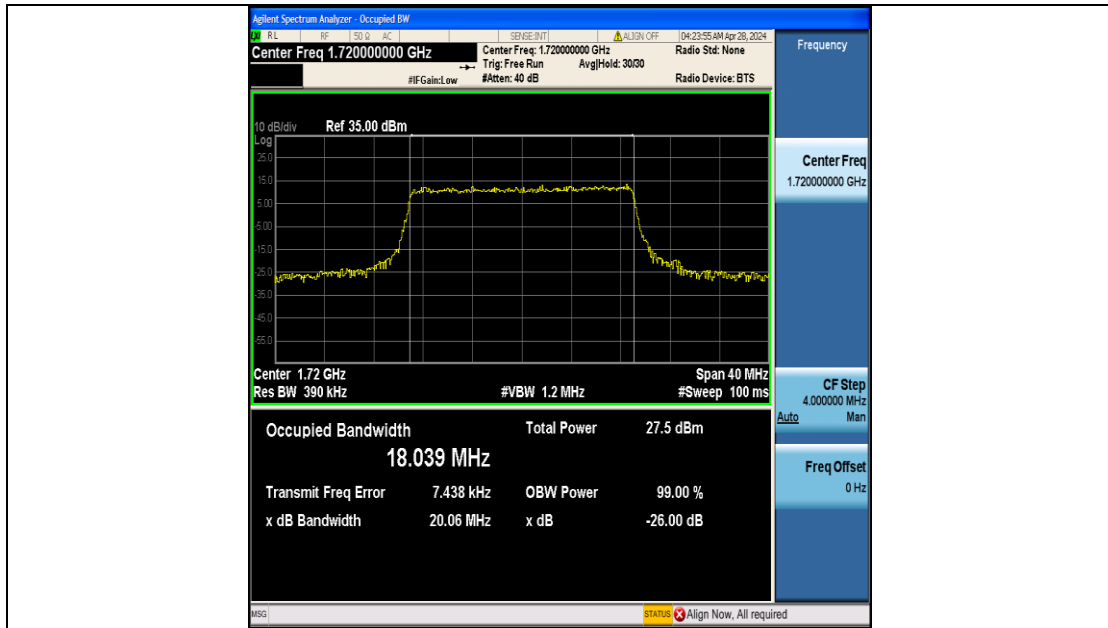
Band4-15MHz-16QAM-20175-75RB#0-PASS



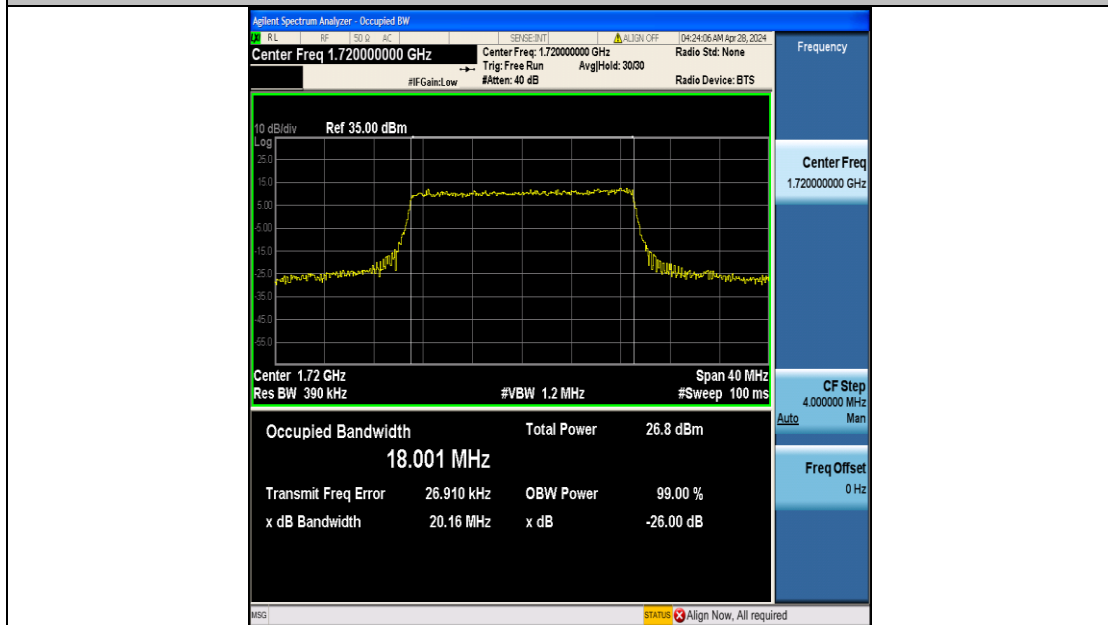
Band4-15MHz-QPSK-20325-75RB#0-PASS



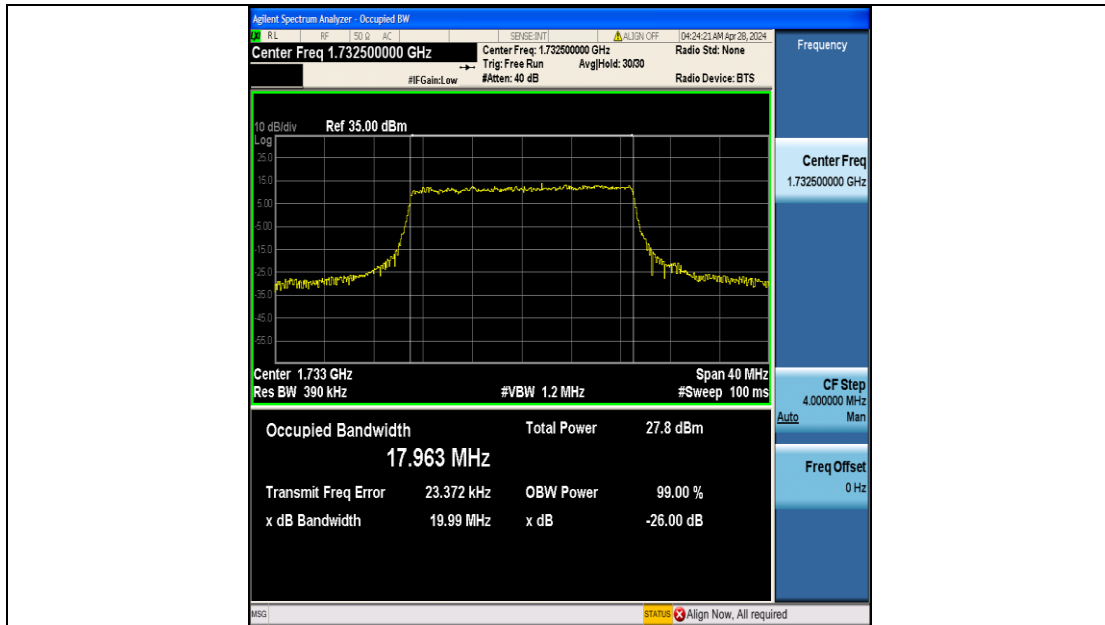
Band4-15MHz-16QAM-20325-75RB#0-PASS



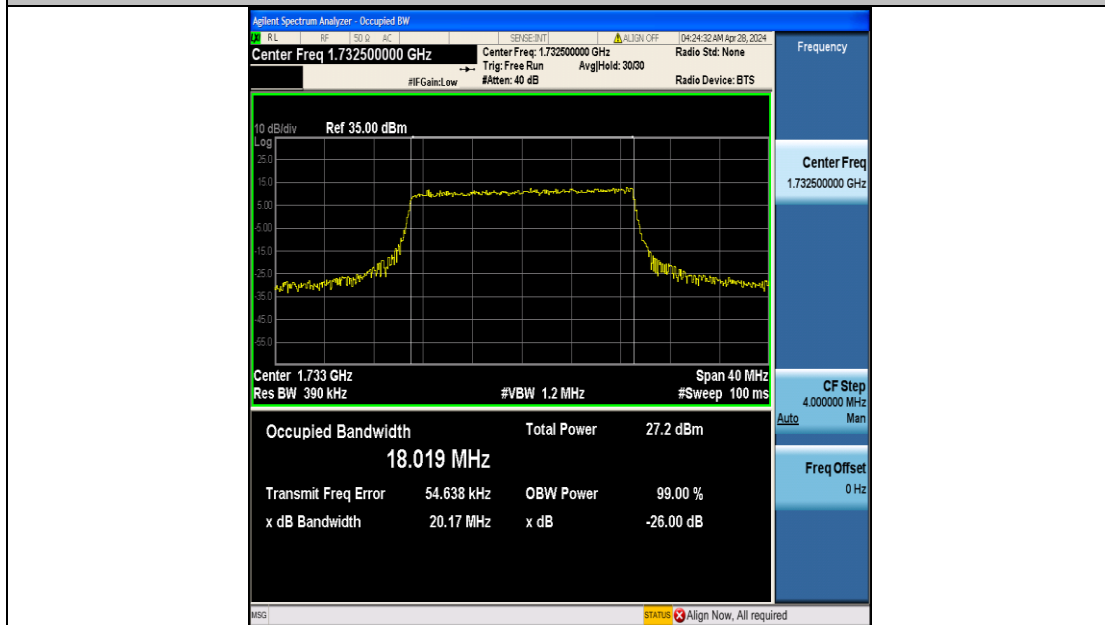
Band4-20MHz-QPSK-20050-100RB#0-PASS



Band4-20MHz-16QAM-20050-100RB#0-PASS



Band4-20MHz-QPSK-20175-100RB#0-PASS



Band4-20MHz-16QAM-20175-100RB#0-PASS



Band4-20MHz-QPSK-20300-100RB#0-PASS



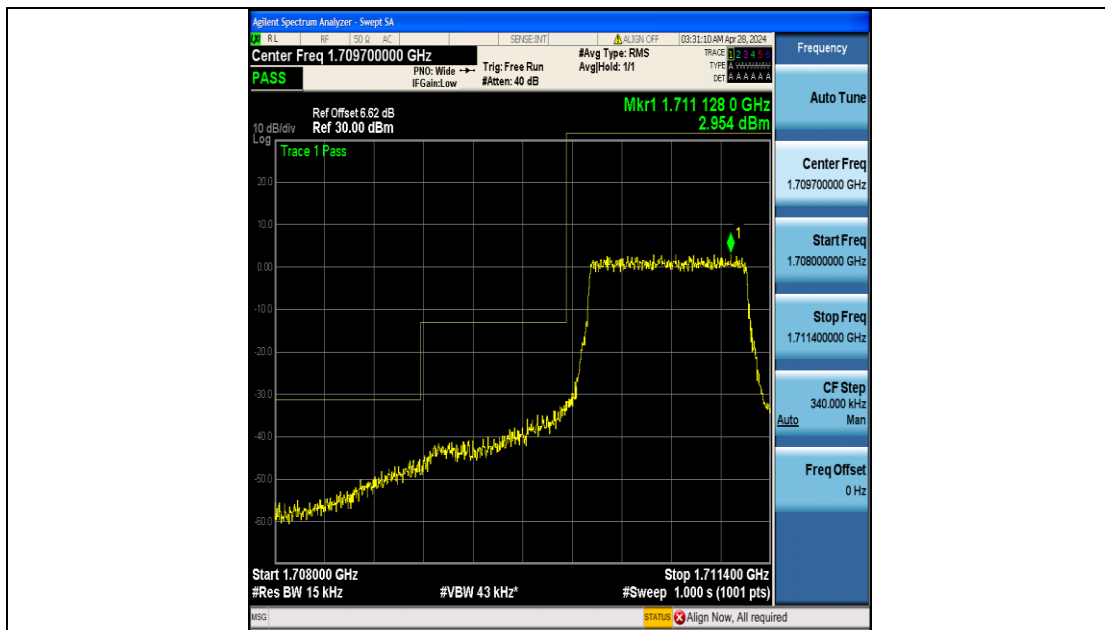
Band4-20MHz-16QAM-20300-100RB#0-PASS

Appendix D: Band Edge

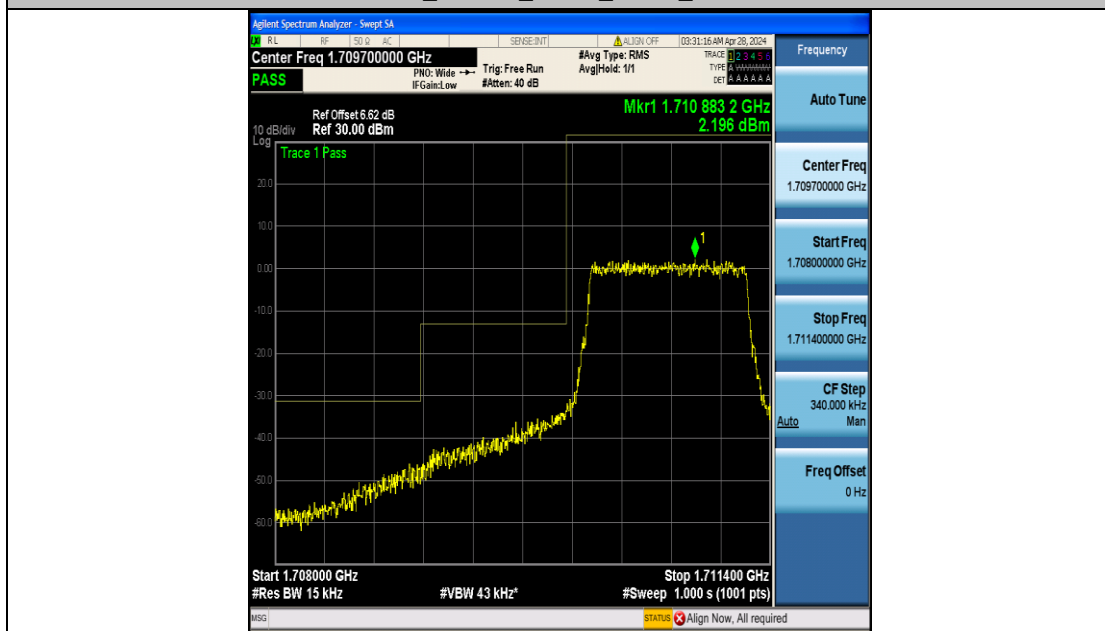
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-45.34	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-46.17	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-46.76	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-47.09	PASS
Band4	3MHz	QPSK	19965	15RB#0	-37.81	PASS
Band4	3MHz	16QAM	19965	15RB#0	-39.02	PASS
Band4	3MHz	QPSK	20385	15RB#0	-38.77	PASS
Band4	3MHz	16QAM	20385	15RB#0	-41.02	PASS
Band4	5MHz	QPSK	19975	25RB#0	-39.39	PASS
Band4	5MHz	16QAM	19975	25RB#0	-39.29	PASS
Band4	5MHz	QPSK	20375	25RB#0	-42.34	PASS
Band4	5MHz	16QAM	20375	25RB#0	-42.76	PASS
Band4	10MHz	QPSK	20000	50RB#0	-40.49	PASS
Band4	10MHz	16QAM	20000	50RB#0	-40.85	PASS
Band4	10MHz	QPSK	20350	50RB#0	-42.63	PASS
Band4	10MHz	16QAM	20350	50RB#0	-43.61	PASS
Band4	15MHz	QPSK	20025	75RB#0	-38.97	PASS
Band4	15MHz	16QAM	20025	75RB#0	-40.76	PASS
Band4	15MHz	QPSK	20325	75RB#0	-43.09	PASS
Band4	15MHz	16QAM	20325	75RB#0	-44.70	PASS
Band4	20MHz	QPSK	20050	100RB#0	-42.43	PASS
Band4	20MHz	16QAM	20050	100RB#0	-41.59	PASS
Band4	20MHz	QPSK	20300	100RB#0	-43.28	PASS
Band4	20MHz	16QAM	20300	100RB#0	-43.30	PASS

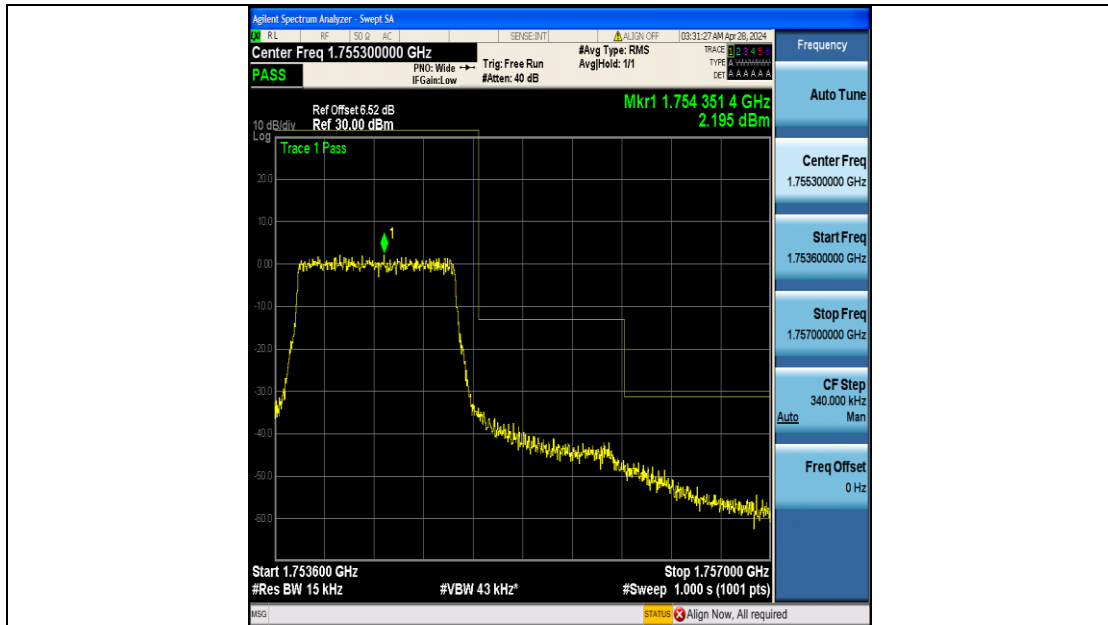
Test Graphs



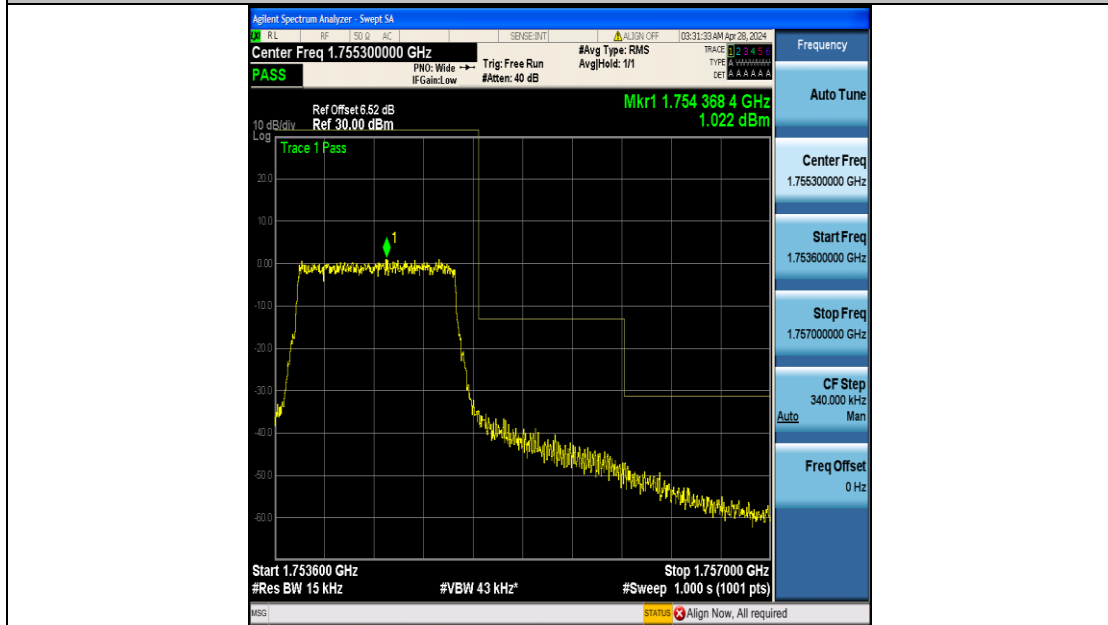
Band4_1.4MHz_QPSK_19957_6RB#0



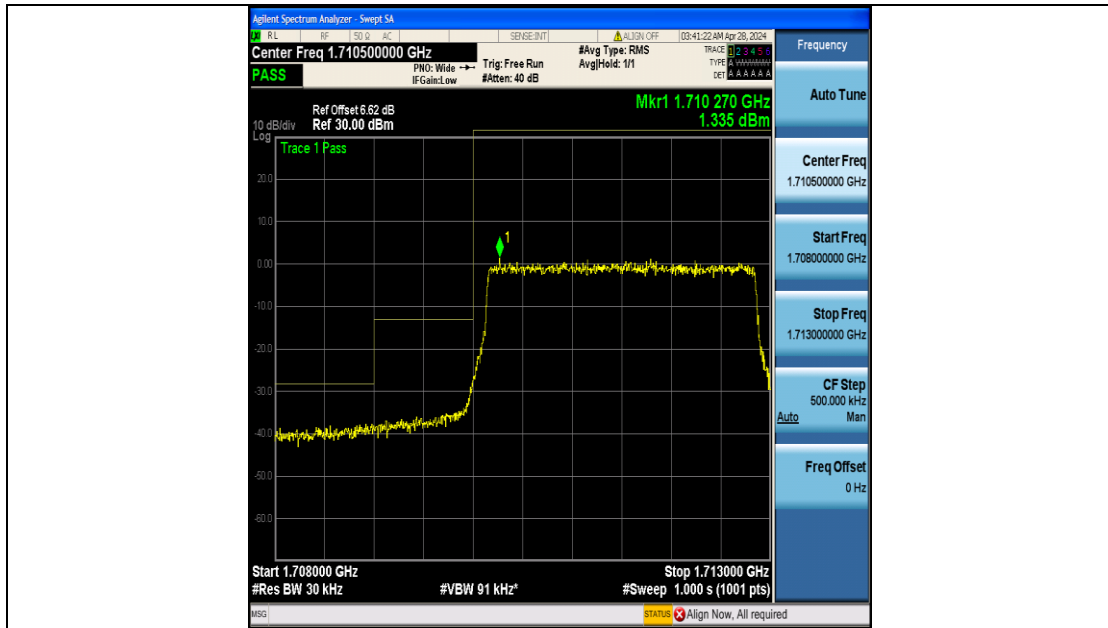
Band4_1.4MHz_16QAM_19957_6RB#0



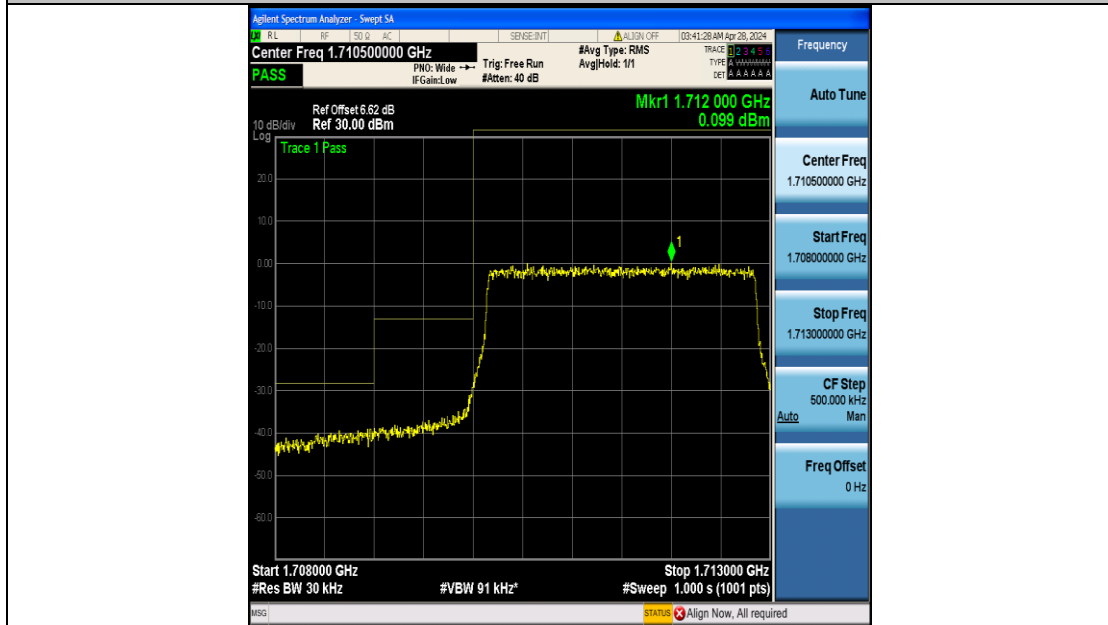
Band4_1.4MHz_QPSK_20393_6RB#0



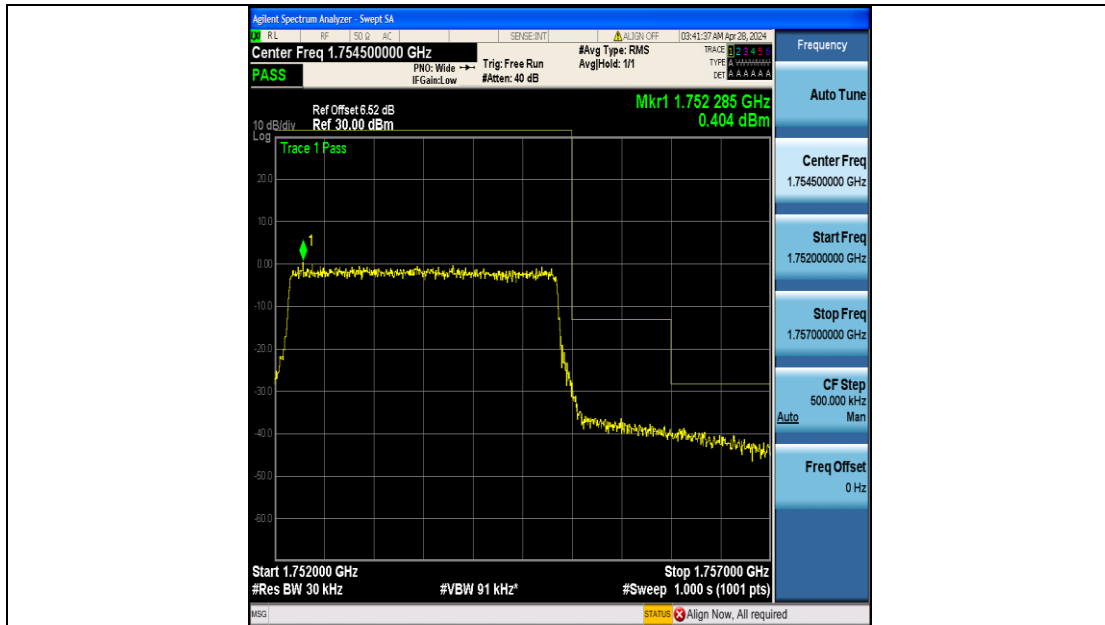
Band4_1.4MHz_16QAM_20393_6RB#0



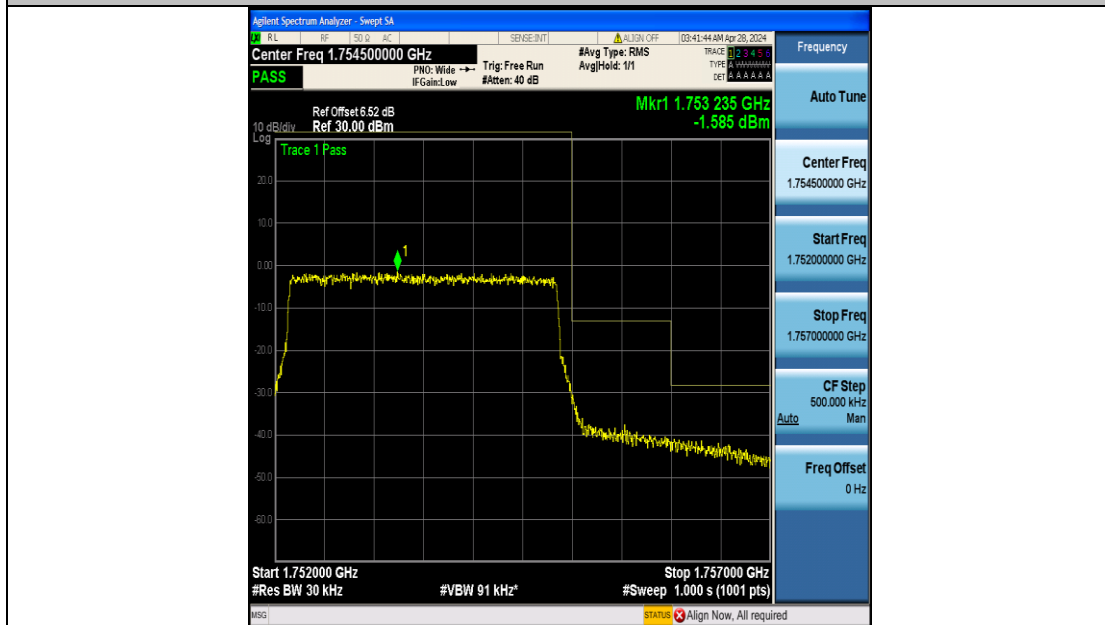
Band4_3MHz_QPSK_19965_15RB#0



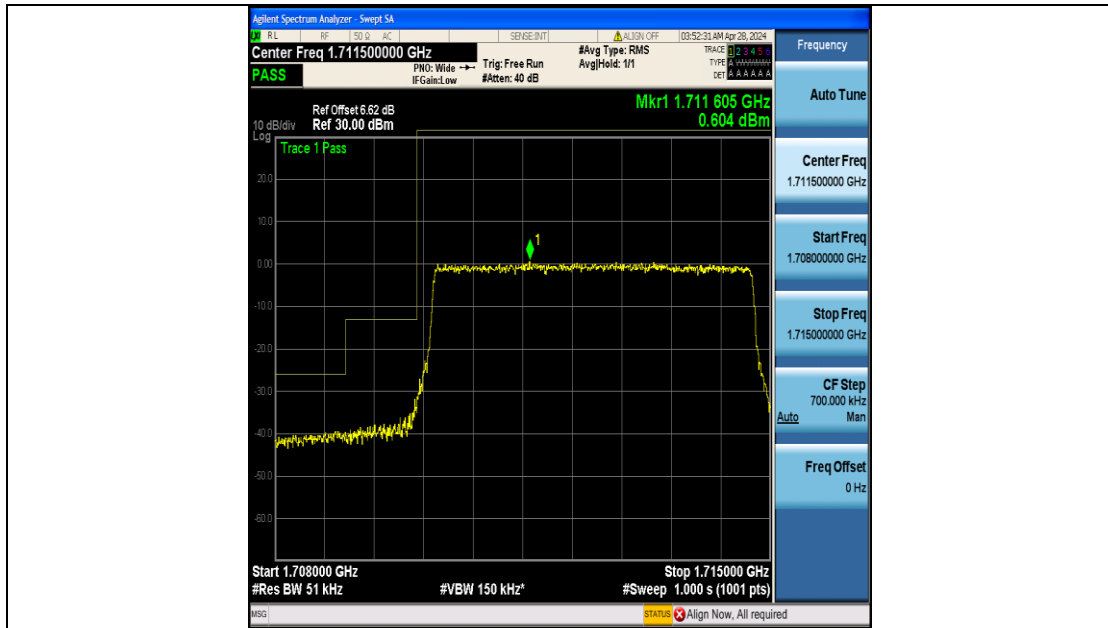
Band4_3MHz_16QAM_19965_15RB#0



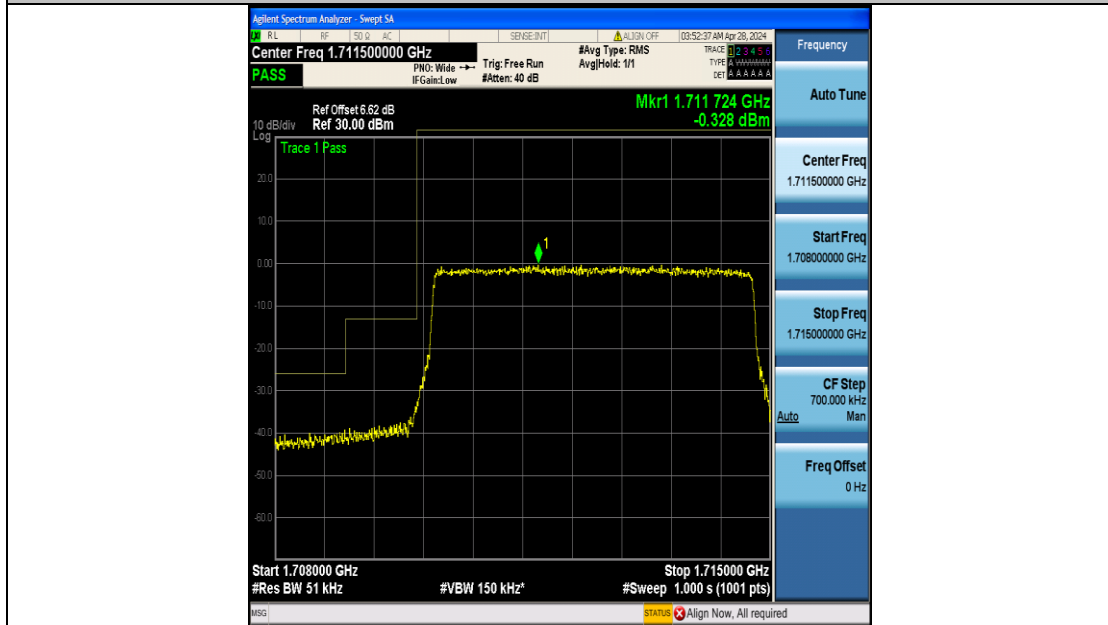
Band4_3MHz_QPSK_20385_15RB#0



Band4_3MHz_16QAM_20385_15RB#0



Band4_5MHz_QPSK_19975_25RB#0



Band4_5MHz_16QAM_19975_25RB#0