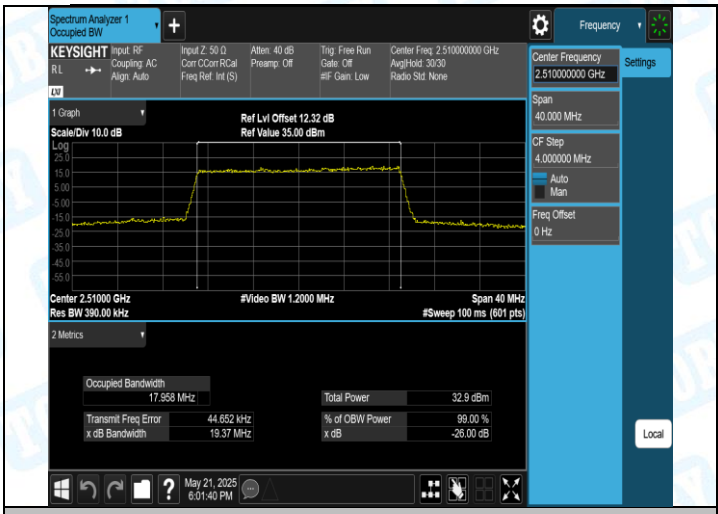
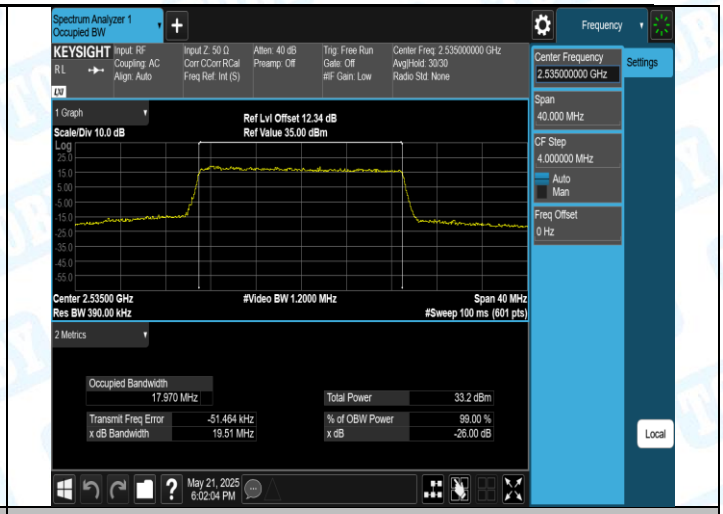
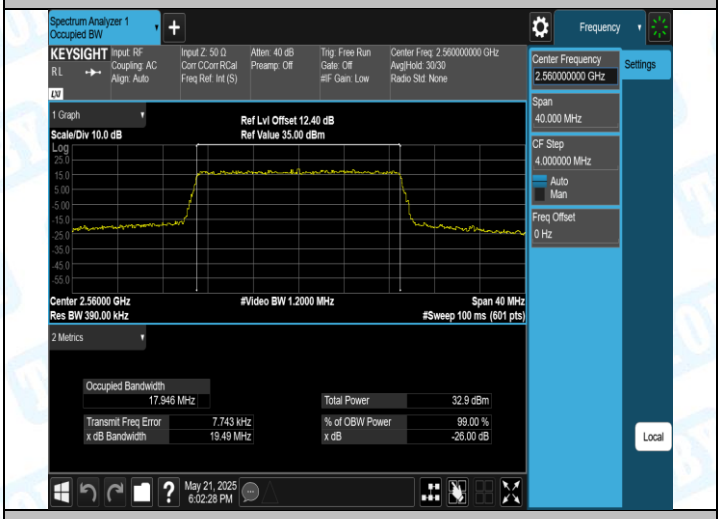


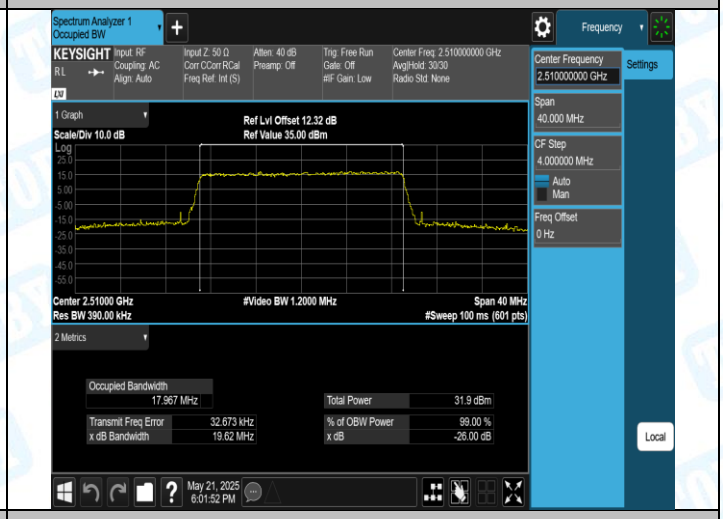
Band7-20MHz-QPSK-20850-100RB#0-PASS



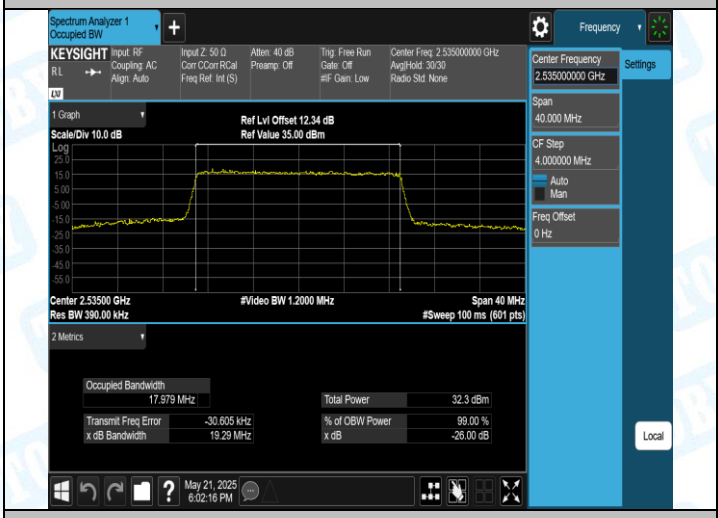
Band7-20MHz-QPSK-21100-100RB#0-PASS



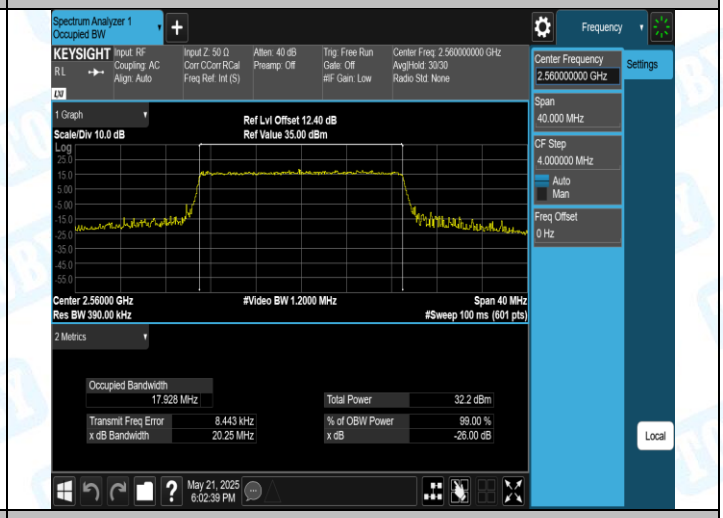
Band7-20MHz-QPSK-21350-100RB#0-PASS



Band7-20MHz-16QAM-20850-100RB#0-PASS



Band7-20MHz-16QAM-21100-100RB#0-PASS



Band7-20MHz-16QAM-21350-100RB#0-PASS

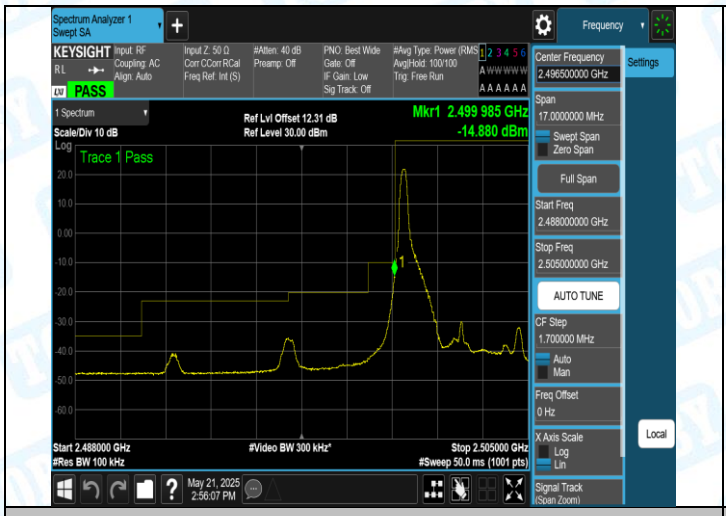
4: Band Edge

Test Result

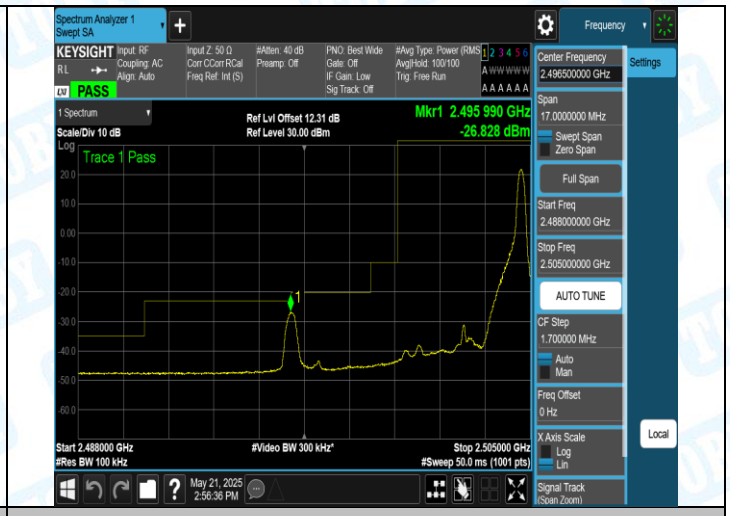
Band	Bandwidth	Modulation	Channel	RB Configuration	Level_dBm	Margin	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-14.88	4.88	PASS
Band7	5MHz	QPSK	20775	1RB#24	-26.83	3.83	PASS
Band7	5MHz	QPSK	20775	25RB#0	-27.91	7.91	PASS
Band7	5MHz	QPSK	21425	1RB#0	-27.01	7.01	PASS
Band7	5MHz	QPSK	21425	1RB#24	-15.31	5.31	PASS
Band7	5MHz	QPSK	21425	25RB#0	-39.63	4.63	PASS
Band7	5MHz	16QAM	20775	1RB#0	-16.51	6.51	PASS
Band7	5MHz	16QAM	20775	1RB#24	-26.60	3.60	PASS
Band7	5MHz	16QAM	20775	25RB#0	-28.99	8.99	PASS
Band7	5MHz	16QAM	21425	1RB#0	-28.40	8.40	PASS
Band7	5MHz	16QAM	21425	1RB#24	-16.97	6.97	PASS
Band7	5MHz	16QAM	21425	25RB#0	-40.89	5.89	PASS
Band7	10MHz	QPSK	20800	1RB#0	-16.36	6.36	PASS
Band7	10MHz	QPSK	20800	1RB#49	-25.40	5.40	PASS
Band7	10MHz	QPSK	20800	50RB#0	-39.59	7.59	PASS
Band7	10MHz	QPSK	21400	1RB#0	-24.38	4.38	PASS
Band7	10MHz	QPSK	21400	1RB#49	-17.28	7.28	PASS
Band7	10MHz	QPSK	21400	50RB#0	-39.65	7.65	PASS
Band7	10MHz	16QAM	20800	1RB#0	-17.89	7.89	PASS
Band7	10MHz	16QAM	20800	1RB#49	-25.52	5.52	PASS
Band7	10MHz	16QAM	20800	50RB#0	-40.48	8.48	PASS
Band7	10MHz	16QAM	21400	1RB#0	-25.97	5.97	PASS
Band7	10MHz	16QAM	21400	1RB#49	-17.99	7.99	PASS
Band7	10MHz	16QAM	21400	50RB#0	-39.60	7.60	PASS
Band7	15MHz	QPSK	20825	1RB#0	-18.37	8.37	PASS
Band7	15MHz	QPSK	20825	1RB#74	-25.15	6.95	PASS
Band7	15MHz	QPSK	20825	75RB#0	-26.52	8.32	PASS
Band7	15MHz	QPSK	21375	1RB#0	-23.98	5.78	PASS
Band7	15MHz	QPSK	21375	1RB#74	-19.00	9.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	-38.09	7.89	PASS
Band7	15MHz	16QAM	20825	1RB#0	-18.52	8.52	PASS
Band7	15MHz	16QAM	20825	1RB#74	-26.63	8.43	PASS
Band7	15MHz	16QAM	20825	75RB#0	-28.20	10.00	PASS
Band7	15MHz	16QAM	21375	1RB#0	-25.27	7.07	PASS
Band7	15MHz	16QAM	21375	1RB#74	-19.92	9.92	PASS
Band7	15MHz	16QAM	21375	75RB#0	-38.52	8.32	PASS
Band7	20MHz	QPSK	20850	1RB#0	-21.22	11.12	PASS
Band7	20MHz	QPSK	20850	1RB#99	-28.53	11.43	PASS
Band7	20MHz	QPSK	20850	100RB#0	-28.36	11.26	PASS

Band7	20MHz	QPSK	21350	1RB#0	-25.66	8.56	PASS
Band7	20MHz	QPSK	21350	1RB#99	-21.29	11.19	PASS
Band7	20MHz	QPSK	21350	100RB#0	-38.63	9.53	PASS
Band7	20MHz	16QAM	20850	1RB#0	-21.67	11.57	PASS
Band7	20MHz	16QAM	20850	1RB#99	-41.62	12.52	PASS
Band7	20MHz	16QAM	20850	100RB#0	-41.36	12.26	PASS
Band7	20MHz	16QAM	21350	1RB#0	-27.46	10.36	PASS
Band7	20MHz	16QAM	21350	1RB#99	-40.79	11.69	PASS
Band7	20MHz	16QAM	21350	100RB#0	-38.46	9.36	PASS

Test Graphs

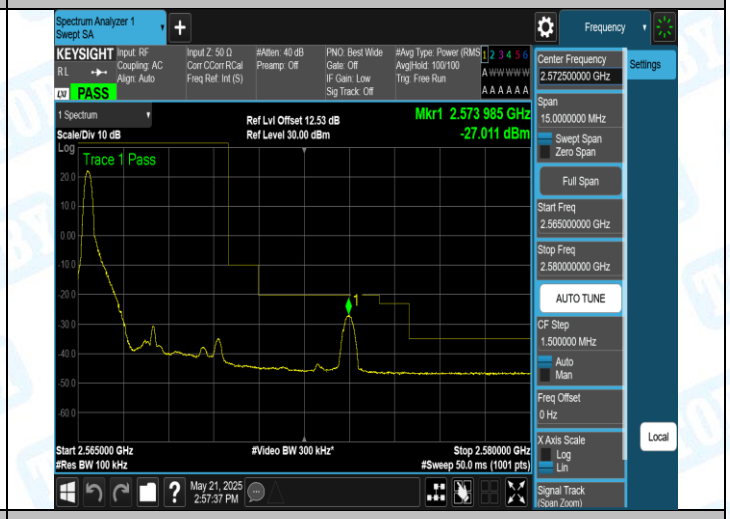


Band7-5MHz-QPSK-20775-1RB#0-PASS

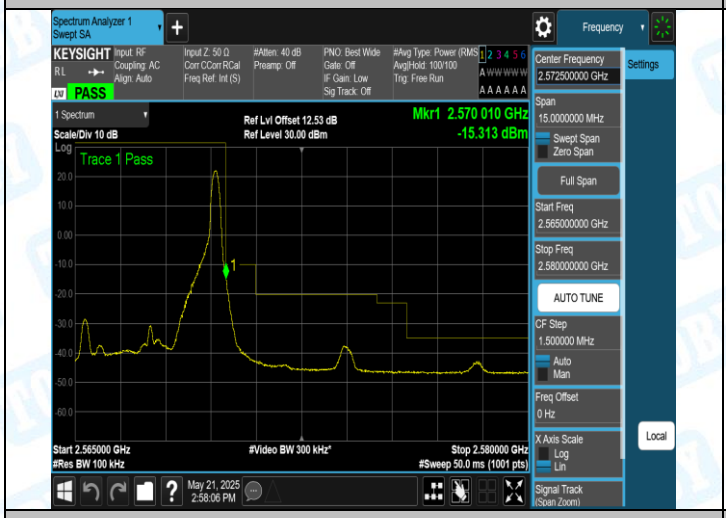


Band7-5MHz-QPSK-20775-1RB#24-PASS

Band7-5MHz-QPSK-20775-25RB#0-PASS

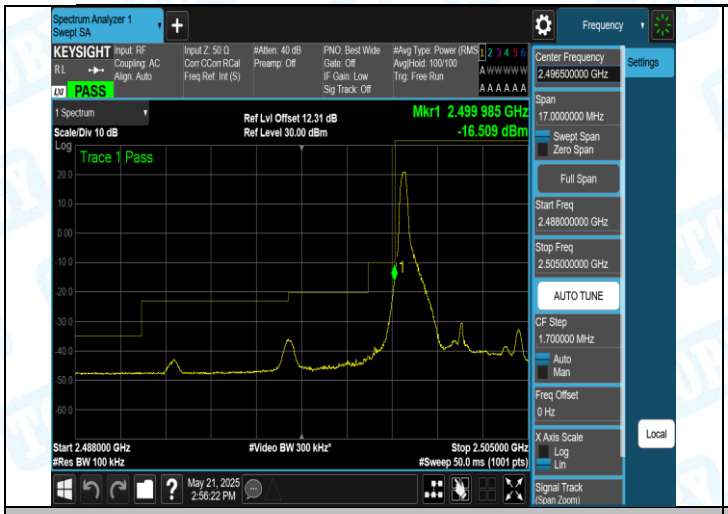


Band7-5MHz-QPSK-21425-1RB#0-PASS



Band7-5MHz-QPSK-21425-1RB#24-PASS

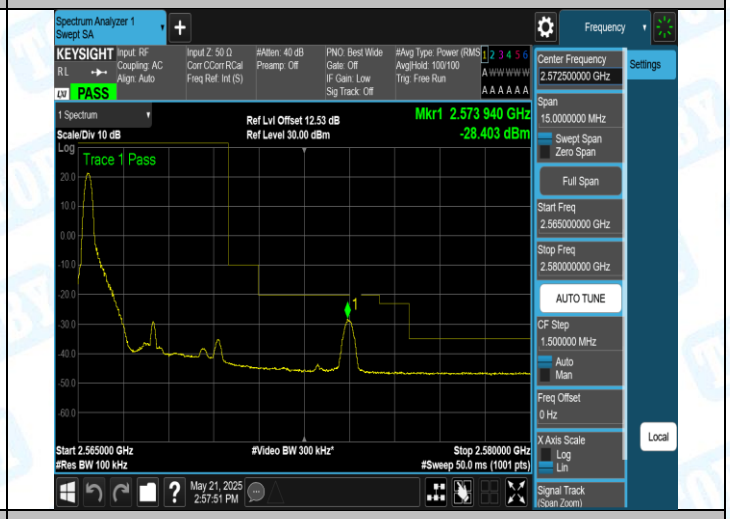
Band7-5MHz-QPSK-21425-25RB#0-PASS



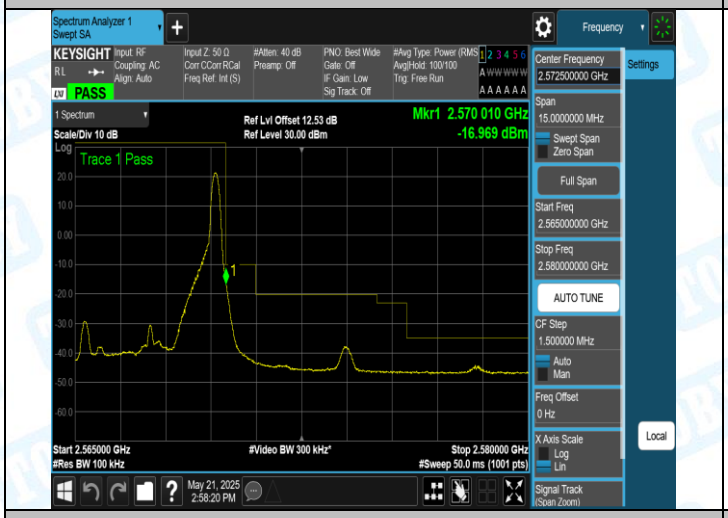
Band7-5MHz-16QAM-20775-1RB#0-PASS

Band7-5MHz-16QAM-20775-1RB#24-PASS

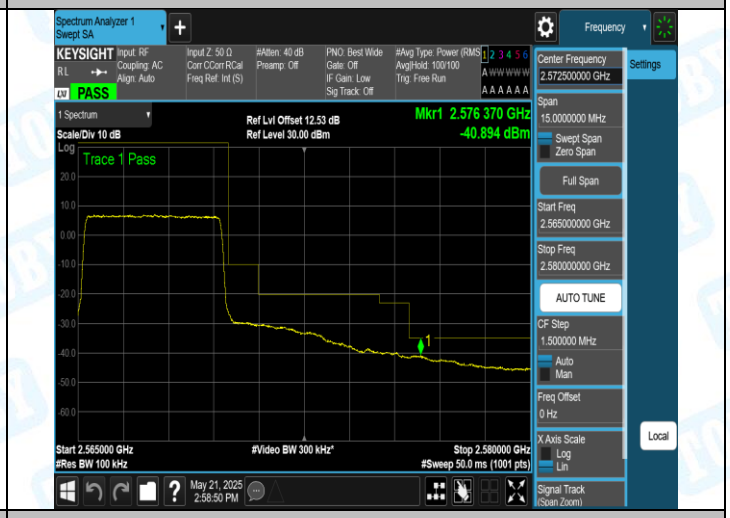
Band7-5MHz-16QAM-20775-25RB#0-PASS



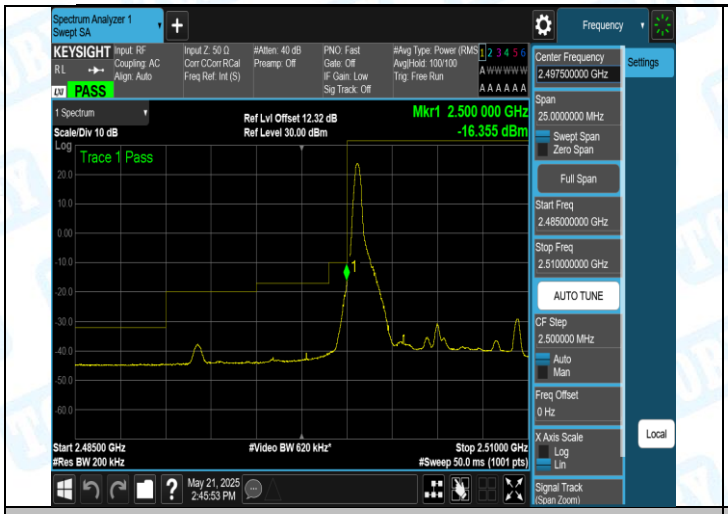
Band7-5MHz-16QAM-21425-1RB#0-PASS



Band7-5MHz-16QAM-21425-1RB#24-PASS

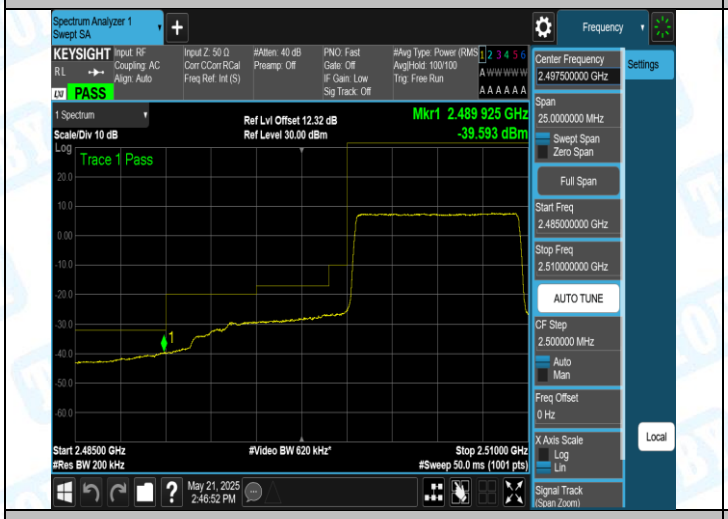


Band7-5MHz-16QAM-21425-25RB#0-PASS

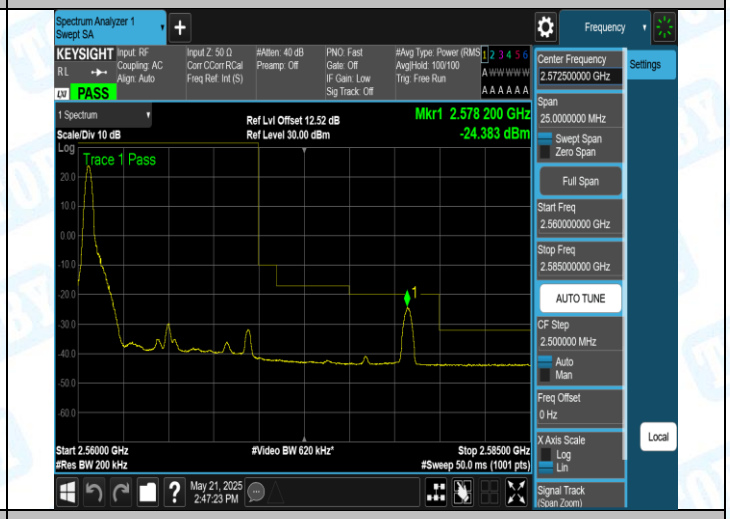


Band7-10MHz-QPSK-20800-1RB#0-PASS

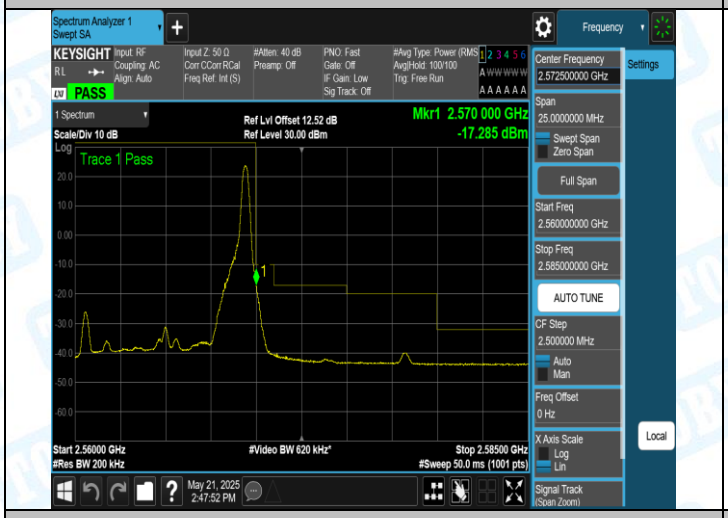
Band7-10MHz-QPSK-20800-1RB#49-PASS



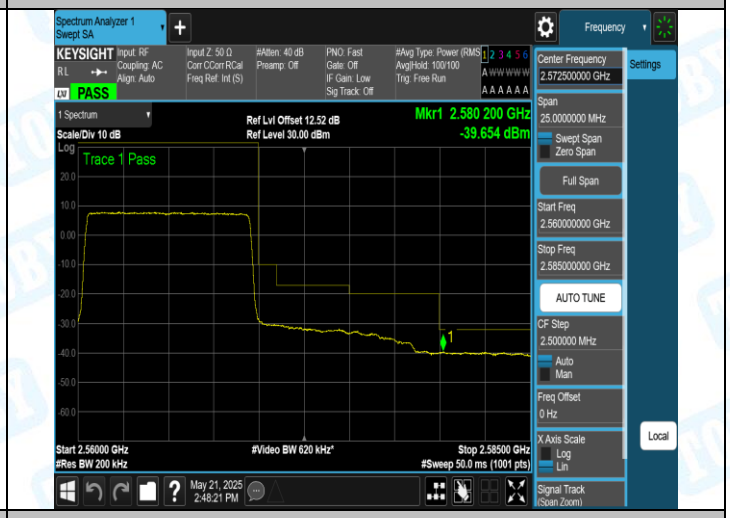
Band7-10MHz-QPSK-20800-50RB#0-PASS



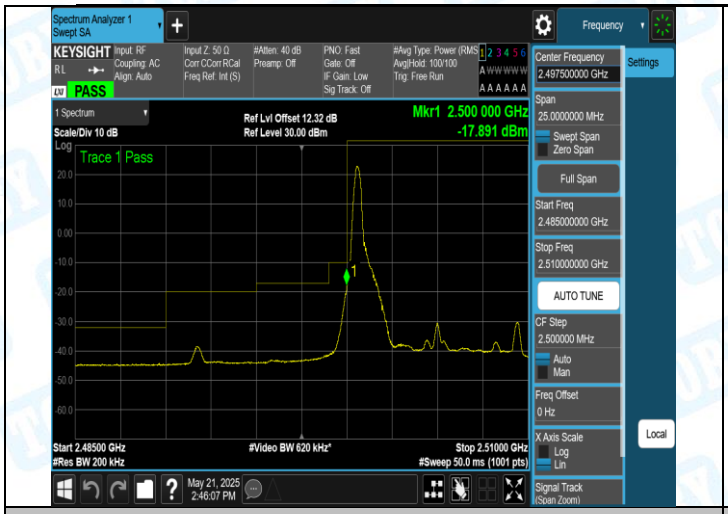
Band7-10MHz-QPSK-21400-1RB#0-PASS



Band7-10MHz-QPSK-21400-1RB#49-PASS

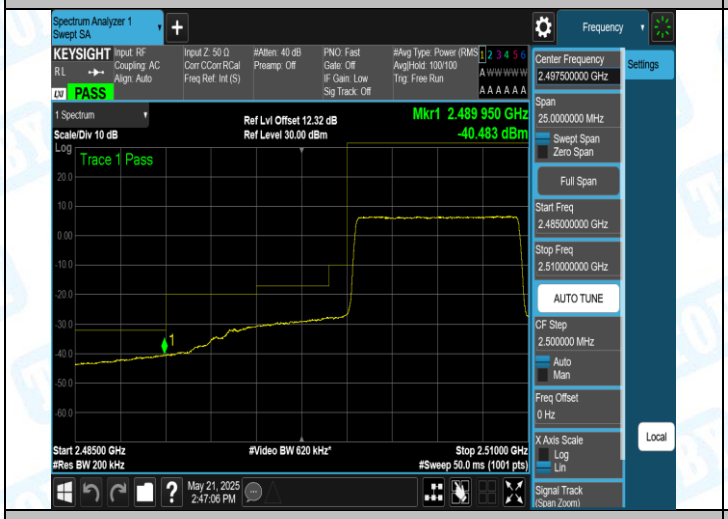


Band7-10MHz-QPSK-21400-50RB#0-PASS

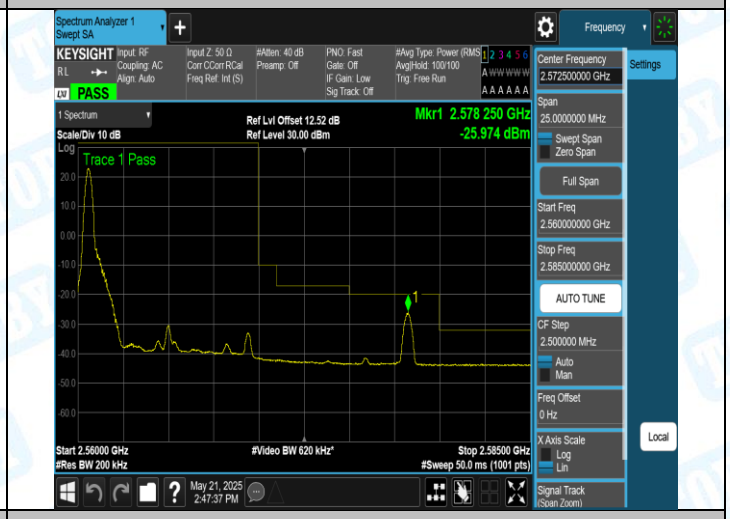


Band7-10MHz-16QAM-20800-1RB#0-PASS

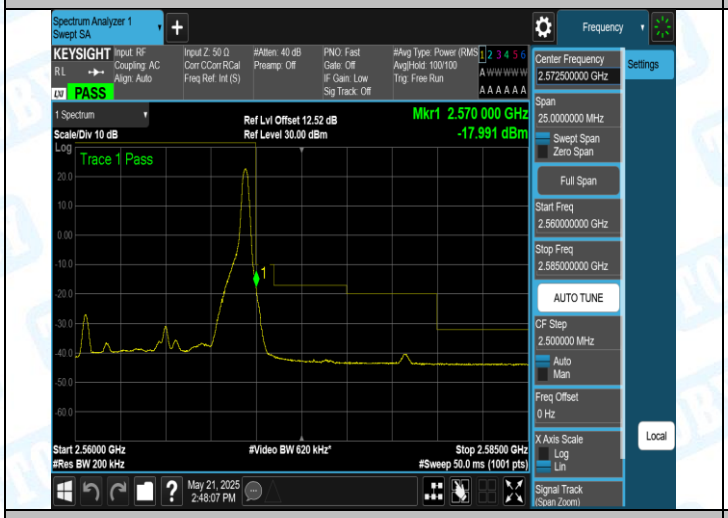
Band7-10MHz-16QAM-20800-1RB#49-PASS



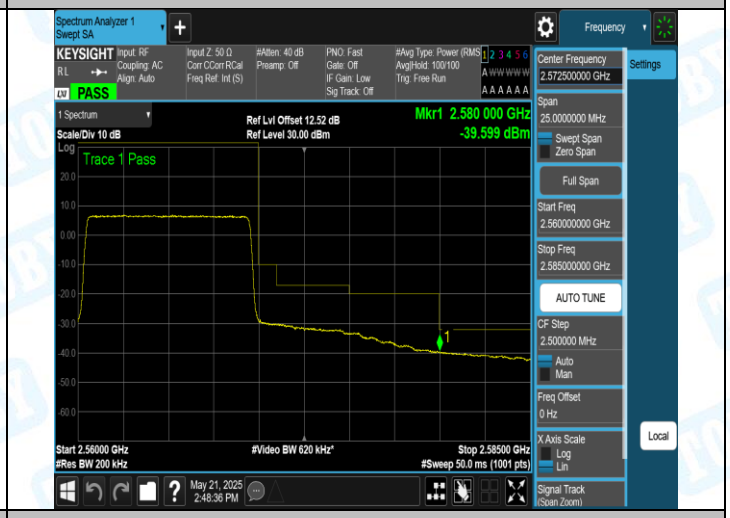
Band7-10MHz-16QAM-20800-50RB#0-PASS



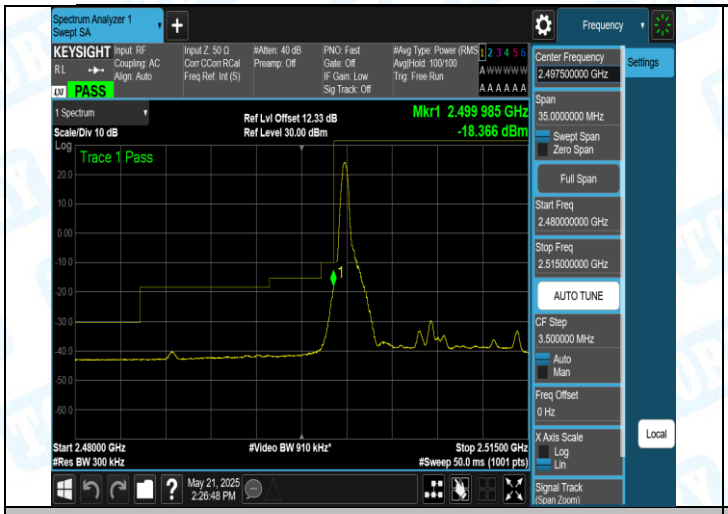
Band7-10MHz-16QAM-21400-1RB#0-PASS



Band7-10MHz-16QAM-21400-1RB#49-PASS

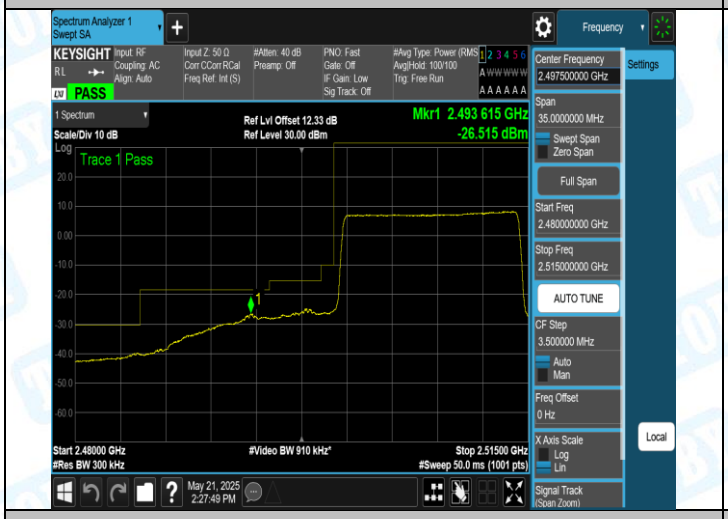


Band7-10MHz-16QAM-21400-50RB#0-PASS

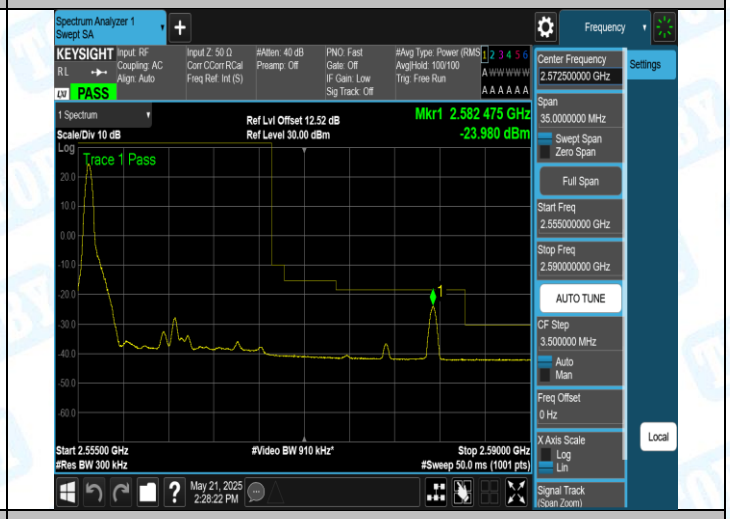


Band7-15MHz-QPSK-20825-1RB#0-PASS

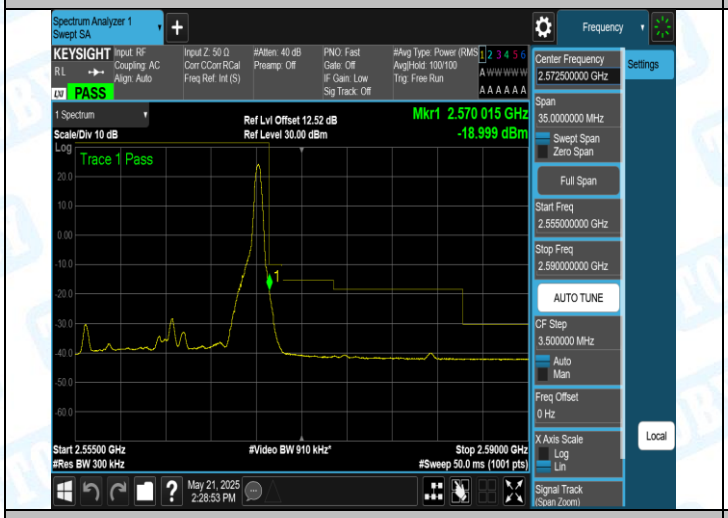
Band7-15MHz-QPSK-20825-1RB#74-PASS



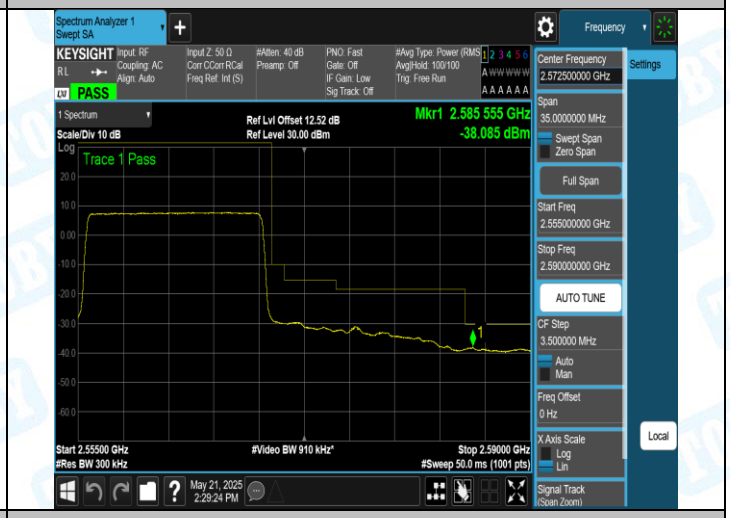
Band7-15MHz-QPSK-20825-75RB#0-PASS



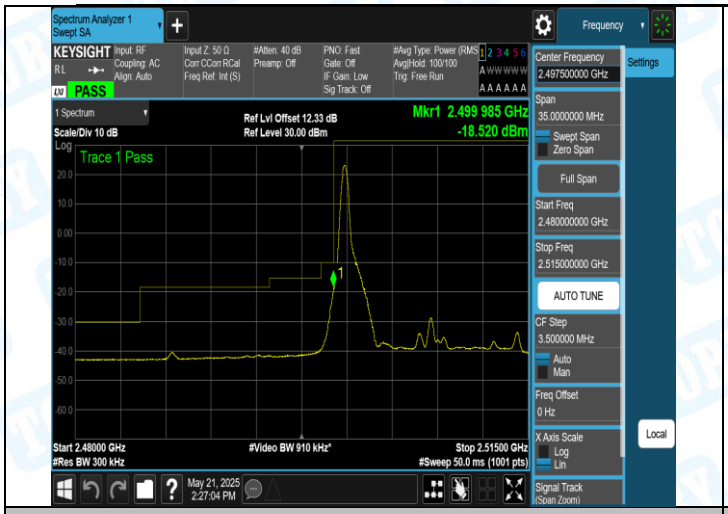
Band7-15MHz-QPSK-21375-1RB#0-PASS



Band7-15MHz-QPSK-21375-1RB#74-PASS

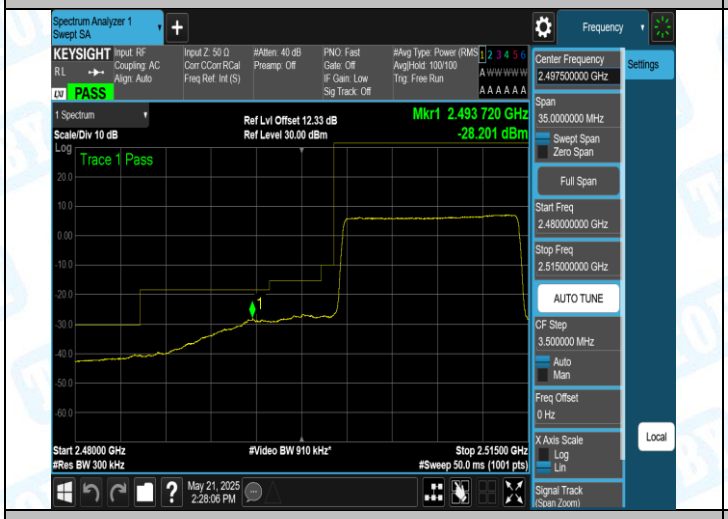


Band7-15MHz-QPSK-21375-75RB#0-PASS

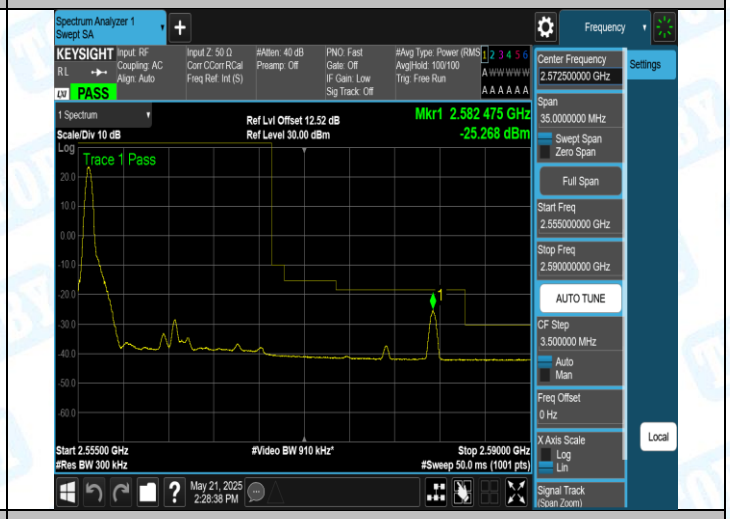


Band7-15MHz-16QAM-20825-1RB#0-PASS

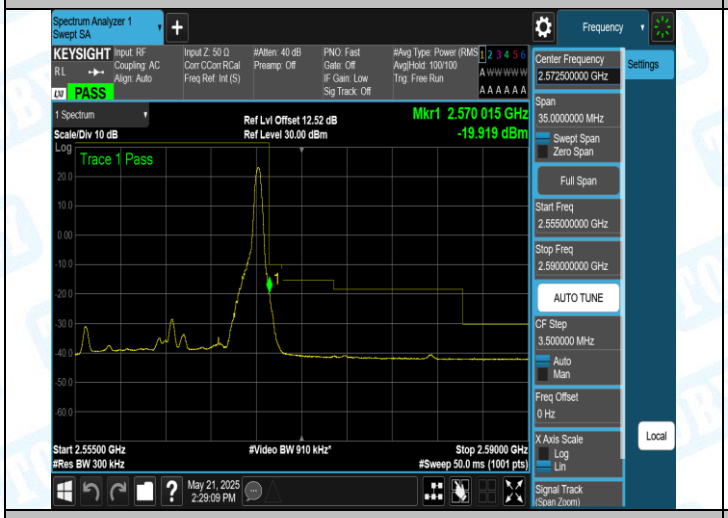
Band7-15MHz-16QAM-20825-1RB#74-PASS



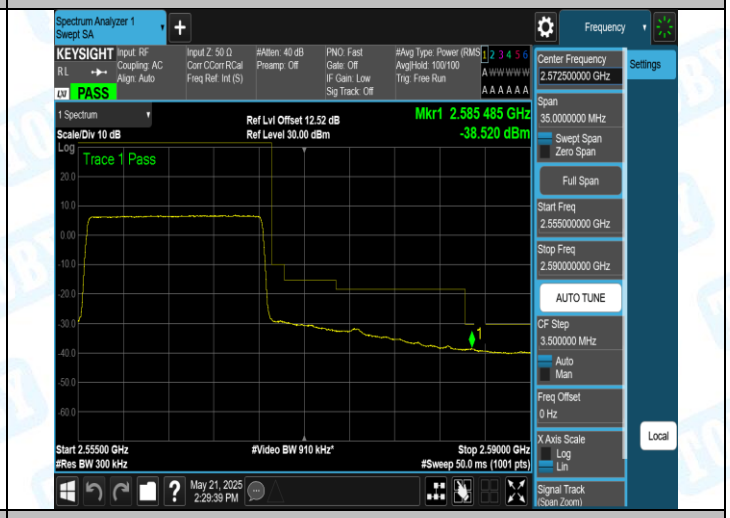
Band7-15MHz-16QAM-20825-75RB#0-PASS



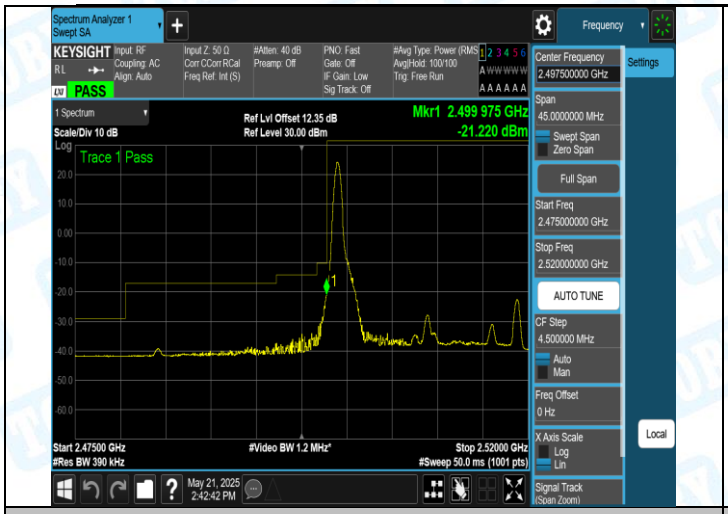
Band7-15MHz-16QAM-21375-1RB#0-PASS



Band7-15MHz-16QAM-21375-1RB#74-PASS



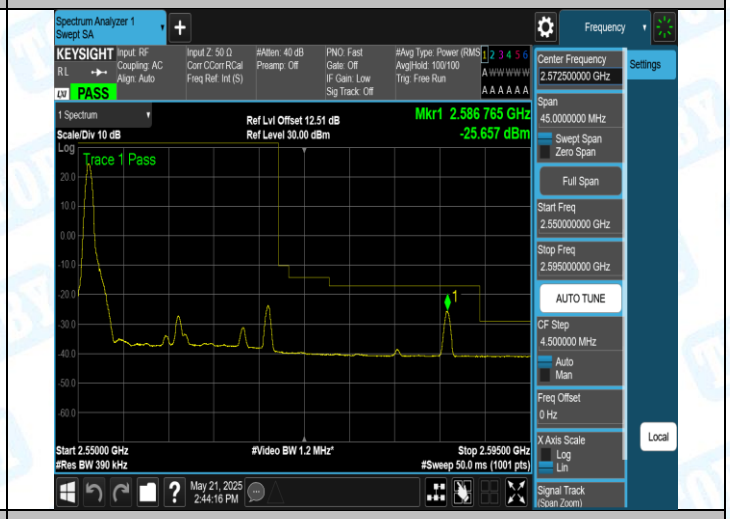
Band7-15MHz-16QAM-21375-75RB#0-PASS



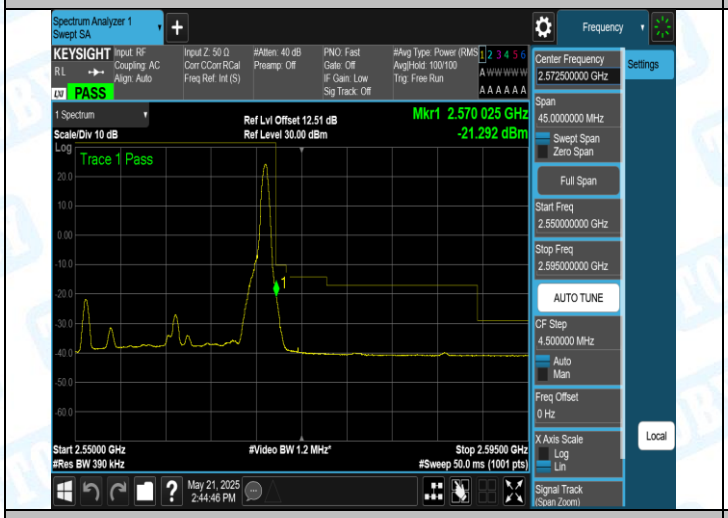
Band7-20MHz-QPSK-20850-1RB#0-PASS

Band7-20MHz-QPSK-20850-1RB#99-PASS

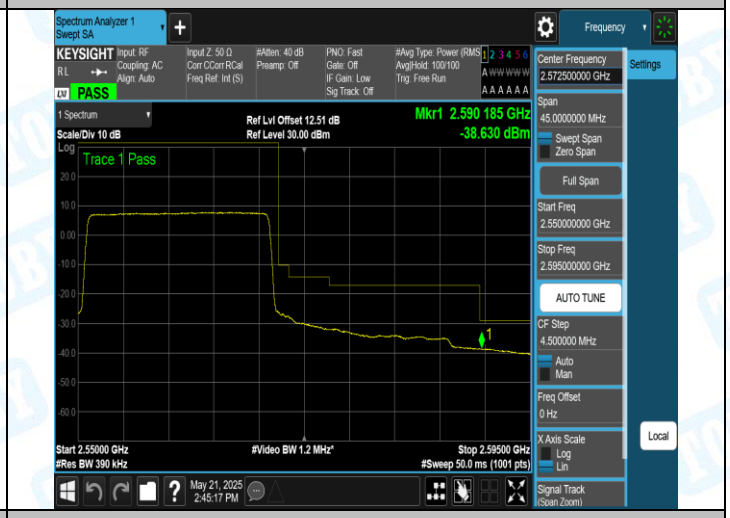
Band7-20MHz-QPSK-20850-100RB#0-PASS



Band7-20MHz-QPSK-21350-1RB#0-PASS



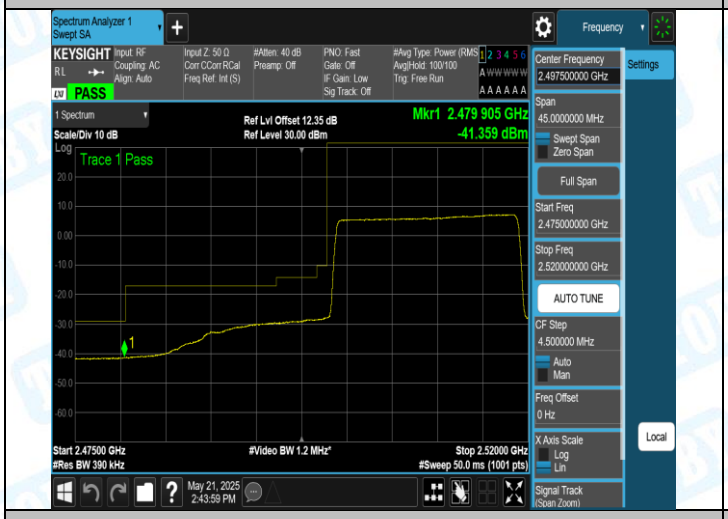
Band7-20MHz-QPSK-21350-1RB#99-PASS



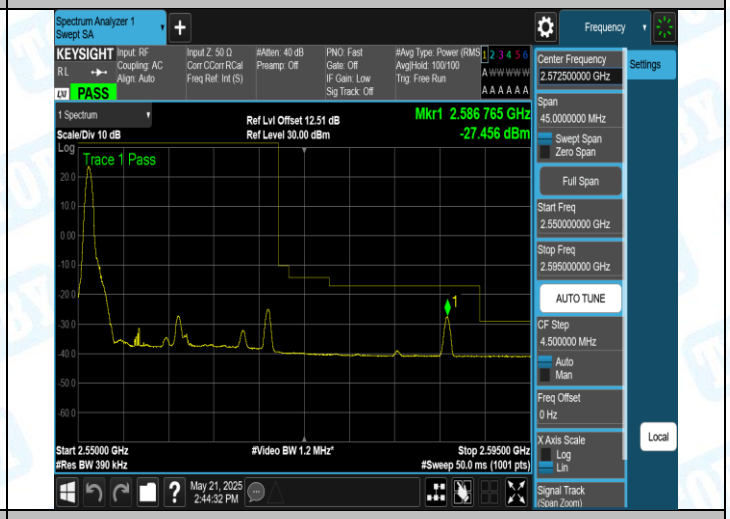
Band7-20MHz-QPSK-21350-100RB#0-PASS

Band7-20MHz-16QAM-20850-1RB#0-PASS

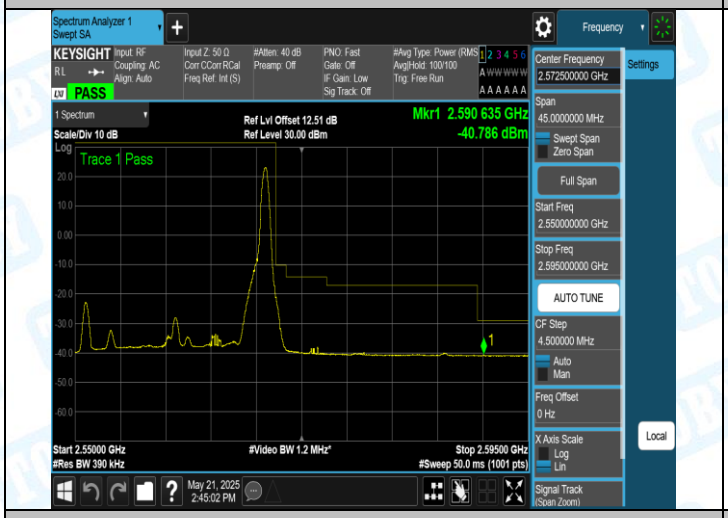
Band7-20MHz-16QAM-20850-1RB#99-PASS



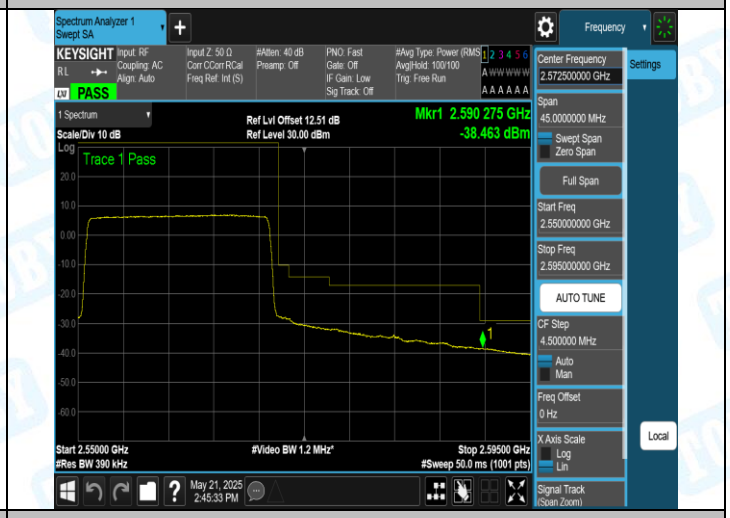
Band7-20MHz-16QAM-20850-100RB#0-PASS



Band7-20MHz-16QAM-21350-1RB#0-PASS



Band7-20MHz-16QAM-21350-1RB#99-PASS



Band7-20MHz-16QAM-21350-100RB#0-PASS

5: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Frequency	Value(dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	0.009~0.15	0.05	-77.85	-55.0	PASS
Band7	5MHz	QPSK	20775	1RB#0	0.15~30	0.63	-81.61	-45.0	PASS
Band7	5MHz	QPSK	20775	1RB#0	30~1000	121.67	-69.65	-35.0	PASS
Band7	5MHz	QPSK	20775	1RB#0	1000~20000	18986.83	-30.34	-25.0	PASS
Band7	5MHz	QPSK	20775	1RB#0	20000~27000	24796.40	-36.03	-25.0	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.009~0.15	0.08	-84.98	-55.0	PASS
Band7	5MHz	QPSK	21100	1RB#0	0.15~30	0.51	-81.74	-45.0	PASS
Band7	5MHz	QPSK	21100	1RB#0	30~1000	56.68	-69.97	-35.0	PASS
Band7	5MHz	QPSK	21100	1RB#0	1000~20000	18986.35	-32.01	-25.0	PASS
Band7	5MHz	QPSK	21100	1RB#0	20000~27000	24746.00	-36.14	-25.0	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.009~0.15	0.05	-81.15	-55.0	PASS
Band7	5MHz	QPSK	21425	1RB#0	0.15~30	0.42	-81.80	-45.0	PASS
Band7	5MHz	QPSK	21425	1RB#0	30~1000	821.04	-79.02	-35.0	PASS
Band7	5MHz	QPSK	21425	1RB#0	1000~20000	18979.23	-32.08	-25.0	PASS
Band7	5MHz	QPSK	21425	1RB#0	20000~27000	24761.05	-36.05	-25.0	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.009~0.15	0.04	-79.68	-55.0	PASS
Band7	5MHz	16QAM	20775	1RB#0	0.15~30	0.42	-82.22	-45.0	PASS
Band7	5MHz	16QAM	20775	1RB#0	30~1000	121.67	-71.15	-35.0	PASS
Band7	5MHz	16QAM	20775	1RB#0	1000~20000	18982.08	-32.61	-25.0	PASS
Band7	5MHz	16QAM	20775	1RB#0	20000~27000	24724.65	-36.17	-25.0	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.009~0.15	0.02	-81.60	-55.0	PASS
Band7	5MHz	16QAM	21100	1RB#0	0.15~30	0.45	-82.31	-45.0	PASS
Band7	5MHz	16QAM	21100	1RB#0	30~1000	56.68	-71.55	-35.0	PASS
Band7	5MHz	16QAM	21100	1RB#0	1000~20000	18989.20	-32.35	-25.0	PASS
Band7	5MHz	16QAM	21100	1RB#0	20000~27000	24770.15	-36.31	-25.0	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.009~0.15	0.07	-79.71	-55.0	PASS
Band7	5MHz	16QAM	21425	1RB#0	0.15~30	0.42	-83.23	-45.0	PASS
Band7	5MHz	16QAM	21425	1RB#0	30~1000	985.94	-79.39	-35.0	PASS
Band7	5MHz	16QAM	21425	1RB#0	1000~20000	18783.05	-32.02	-25.0	PASS
Band7	5MHz	16QAM	21425	1RB#0	20000~27000	24726.05	-35.59	-25.0	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.009~0.15	0.03	-83.41	-55.0	PASS
Band7	10MHz	QPSK	20800	1RB#0	0.15~30	1.52	-75.30	-45.0	PASS
Band7	10MHz	QPSK	20800	1RB#0	30~1000	121.18	-69.38	-35.0	PASS
Band7	10MHz	QPSK	20800	1RB#0	1000~20000	18963.08	-30.16	-25.0	PASS
Band7	10MHz	QPSK	20800	1RB#0	20000~27000	24771.55	-36.07	-25.0	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.009~0.15	0.02	-86.43	-55.0	PASS
Band7	10MHz	QPSK	21100	1RB#0	0.15~30	0.18	-82.41	-45.0	PASS
Band7	10MHz	QPSK	21100	1RB#0	30~1000	61.53	-70.98	-35.0	PASS
Band7	10MHz	QPSK	21100	1RB#0	1000~20000	18983.50	-31.86	-25.0	PASS

Band7	10MHz	QPSK	21100	1RB#0	20000~27000	24688.60	-36.17	-25.0	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.009~0.15	0.03	-86.04	-55.0	PASS
Band7	10MHz	QPSK	21400	1RB#0	0.15~30	0.39	-81.54	-45.0	PASS
Band7	10MHz	QPSK	21400	1RB#0	30~1000	37.76	-74.29	-35.0	PASS
Band7	10MHz	QPSK	21400	1RB#0	1000~20000	18908.45	-29.79	-25.0	PASS
Band7	10MHz	QPSK	21400	1RB#0	20000~27000	24748.80	-35.82	-25.0	PASS
Band7	10MHz	16QAM	20800	1RB#0	0.009~0.15	0.03	-84.94	-55.0	PASS
Band7	10MHz	16QAM	20800	1RB#0	0.15~30	1.49	-77.53	-45.0	PASS
Band7	10MHz	16QAM	20800	1RB#0	30~1000	121.18	-68.87	-35.0	PASS
Band7	10MHz	16QAM	20800	1RB#0	1000~20000	2482.48	-27.88	-25.0	PASS
Band7	10MHz	16QAM	20800	1RB#0	20000~27000	24749.50	-36.20	-25.0	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.009~0.15	0.02	-78.73	-55.0	PASS
Band7	10MHz	16QAM	21100	1RB#0	0.15~30	0.54	-81.24	-45.0	PASS
Band7	10MHz	16QAM	21100	1RB#0	30~1000	61.53	-71.81	-35.0	PASS
Band7	10MHz	16QAM	21100	1RB#0	1000~20000	18954.53	-31.96	-25.0	PASS
Band7	10MHz	16QAM	21100	1RB#0	20000~27000	24755.45	-35.86	-25.0	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.009~0.15	0.02	-82.85	-55.0	PASS
Band7	10MHz	16QAM	21400	1RB#0	0.15~30	0.39	-81.91	-45.0	PASS
Band7	10MHz	16QAM	21400	1RB#0	30~1000	36.79	-75.70	-35.0	PASS
Band7	10MHz	16QAM	21400	1RB#0	1000~20000	19303.18	-32.35	-25.0	PASS
Band7	10MHz	16QAM	21400	1RB#0	20000~27000	24725.35	-35.78	-25.0	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.009~0.15	0.11	-83.28	-55.0	PASS
Band7	15MHz	QPSK	20825	1RB#0	0.15~30	0.63	-82.03	-45.0	PASS
Band7	15MHz	QPSK	20825	1RB#0	30~1000	120.70	-69.70	-35.0	PASS
Band7	15MHz	QPSK	20825	1RB#0	1000~20000	19060.45	-31.79	-25.0	PASS
Band7	15MHz	QPSK	20825	1RB#0	20000~27000	24705.05	-35.97	-25.0	PASS
Band7	15MHz	QPSK	21100	1RB#0	0.009~0.15	0.03	-78.94	-55.0	PASS
Band7	15MHz	QPSK	21100	1RB#0	0.15~30	0.42	-80.82	-45.0	PASS
Band7	15MHz	QPSK	21100	1RB#0	30~1000	65.89	-69.93	-35.0	PASS
Band7	15MHz	QPSK	21100	1RB#0	1000~20000	18910.35	-31.90	-25.0	PASS
Band7	15MHz	QPSK	21100	1RB#0	20000~27000	24793.25	-35.86	-25.0	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.009~0.15	0.03	-76.32	-55.0	PASS
Band7	15MHz	QPSK	21375	1RB#0	0.15~30	1.49	-74.38	-45.0	PASS
Band7	15MHz	QPSK	21375	1RB#0	30~1000	889.42	-79.02	-35.0	PASS
Band7	15MHz	QPSK	21375	1RB#0	1000~20000	2582.23	-25.85	-25.0	PASS
Band7	15MHz	QPSK	21375	1RB#0	20000~27000	24791.85	-35.93	-25.0	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.009~0.15	0.02	-80.16	-55.0	PASS
Band7	15MHz	16QAM	20825	1RB#0	0.15~30	0.48	-81.30	-45.0	PASS
Band7	15MHz	16QAM	20825	1RB#0	30~1000	120.70	-71.33	-35.0	PASS
Band7	15MHz	16QAM	20825	1RB#0	1000~20000	19043.83	-32.31	-25.0	PASS
Band7	15MHz	16QAM	20825	1RB#0	20000~27000	24753.35	-35.92	-25.0	PASS
Band7	15MHz	16QAM	21100	1RB#0	0.009~0.15	0.05	-86.92	-55.0	PASS
Band7	15MHz	16QAM	21100	1RB#0	0.15~30	0.93	-82.25	-45.0	PASS
Band7	15MHz	16QAM	21100	1RB#0	30~1000	65.89	-70.42	-35.0	PASS

Band7	15MHz	16QAM	21100	1RB#0	1000~20000	18838.63	-32.45	-25.0	PASS
Band7	15MHz	16QAM	21100	1RB#0	20000~27000	24723.25	-35.99	-25.0	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.009~0.15	0.03	-79.58	-55.0	PASS
Band7	15MHz	16QAM	21375	1RB#0	0.15~30	1.49	-74.43	-45.0	PASS
Band7	15MHz	16QAM	21375	1RB#0	30~1000	816.19	-79.08	-35.0	PASS
Band7	15MHz	16QAM	21375	1RB#0	1000~20000	2582.23	-30.89	-25.0	PASS
Band7	15MHz	16QAM	21375	1RB#0	20000~27000	24771.20	-35.82	-25.0	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.009~0.15	0.05	-87.86	-55.0	PASS
Band7	20MHz	QPSK	20850	1RB#0	0.15~30	0.60	-81.57	-45.0	PASS
Band7	20MHz	QPSK	20850	1RB#0	30~1000	120.21	-69.72	-35.0	PASS
Band7	20MHz	QPSK	20850	1RB#0	1000~20000	19018.18	-32.27	-25.0	PASS
Band7	20MHz	QPSK	20850	1RB#0	20000~27000	24742.85	-35.96	-25.0	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.009~0.15	0.02	-81.54	-55.0	PASS
Band7	20MHz	QPSK	21100	1RB#0	0.15~30	0.57	-81.12	-45.0	PASS
Band7	20MHz	QPSK	21100	1RB#0	30~1000	70.26	-69.64	-35.0	PASS
Band7	20MHz	QPSK	21100	1RB#0	1000~20000	18896.10	-30.17	-25.0	PASS
Band7	20MHz	QPSK	21100	1RB#0	20000~27000	24757.20	-35.95	-25.0	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.009~0.15	0.02	-79.74	-55.0	PASS
Band7	20MHz	QPSK	21350	1RB#0	0.15~30	0.63	-81.68	-45.0	PASS
Band7	20MHz	QPSK	21350	1RB#0	30~1000	888.45	-80.65	-35.0	PASS
Band7	20MHz	QPSK	21350	1RB#0	1000~20000	2586.50	-34.39	-25.0	PASS
Band7	20MHz	QPSK	21350	1RB#0	20000~27000	24734.45	-36.09	-25.0	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.009~0.15	0.02	-80.02	-55.0	PASS
Band7	20MHz	16QAM	20850	1RB#0	0.15~30	0.54	-81.51	-45.0	PASS
Band7	20MHz	16QAM	20850	1RB#0	30~1000	120.21	-70.96	-35.0	PASS
Band7	20MHz	16QAM	20850	1RB#0	1000~20000	18950.25	-30.23	-25.0	PASS
Band7	20MHz	16QAM	20850	1RB#0	20000~27000	24764.55	-36.22	-25.0	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.009~0.15	0.02	-79.76	-55.0	PASS
Band7	20MHz	16QAM	21100	1RB#0	0.15~30	0.57	-81.58	-45.0	PASS
Band7	20MHz	16QAM	21100	1RB#0	30~1000	70.26	-70.94	-35.0	PASS
Band7	20MHz	16QAM	21100	1RB#0	1000~20000	19045.73	-32.40	-25.0	PASS
Band7	20MHz	16QAM	21100	1RB#0	20000~27000	24742.50	-36.16	-25.0	PASS
Band7	20MHz	16QAM	21350	1RB#0	0.009~0.15	0.03	-84.71	-55.0	PASS
Band7	20MHz	16QAM	21350	1RB#0	0.15~30	0.60	-81.77	-45.0	PASS
Band7	20MHz	16QAM	21350	1RB#0	30~1000	905.91	-80.49	-35.0	PASS
Band7	20MHz	16QAM	21350	1RB#0	1000~20000	2586.50	-25.49	-25.0	PASS
Band7	20MHz	16QAM	21350	1RB#0	20000~27000	24742.15	-36.23	-25.0	PASS