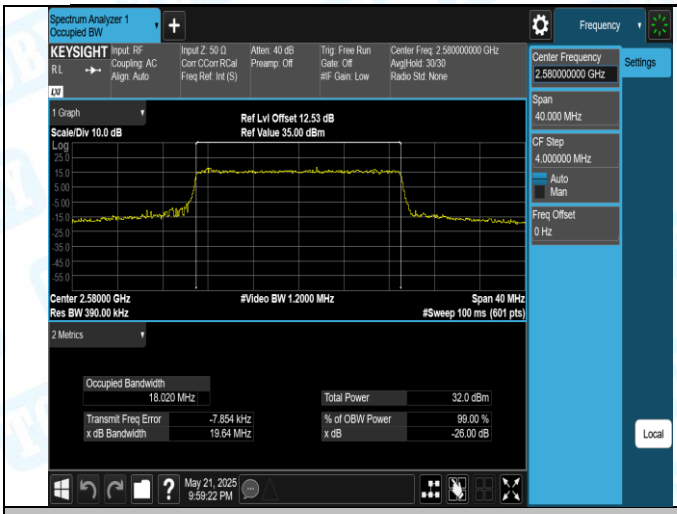
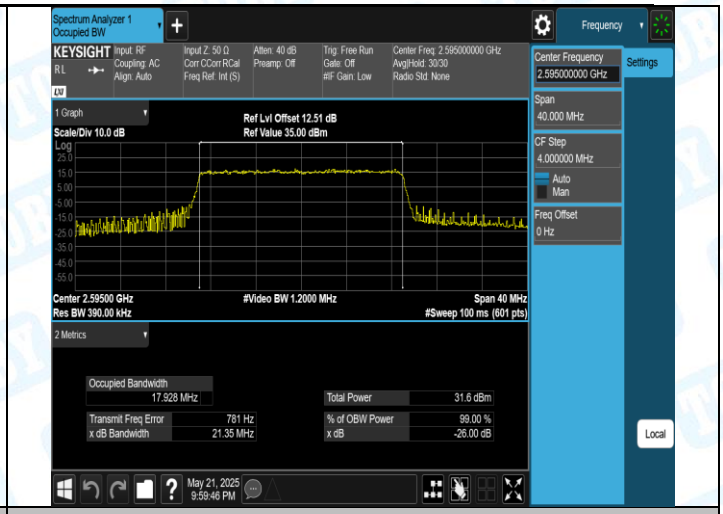
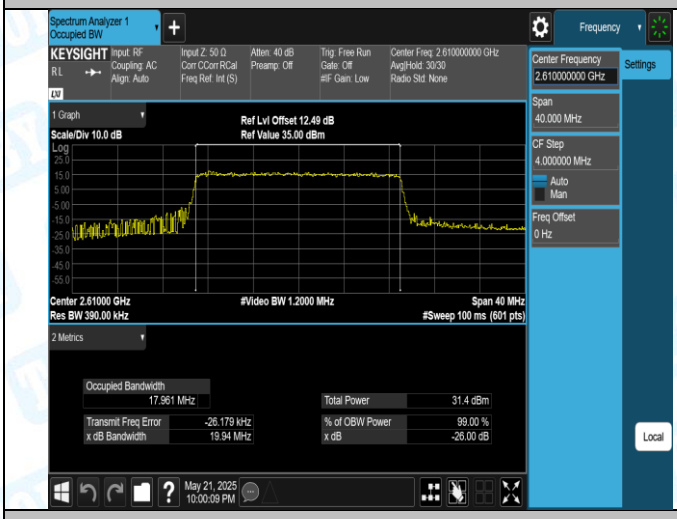


Band38-20MHz-QPSK-37850-100RB#0-PASS



Band38-20MHz-QPSK-38000-100RB#0-PASS



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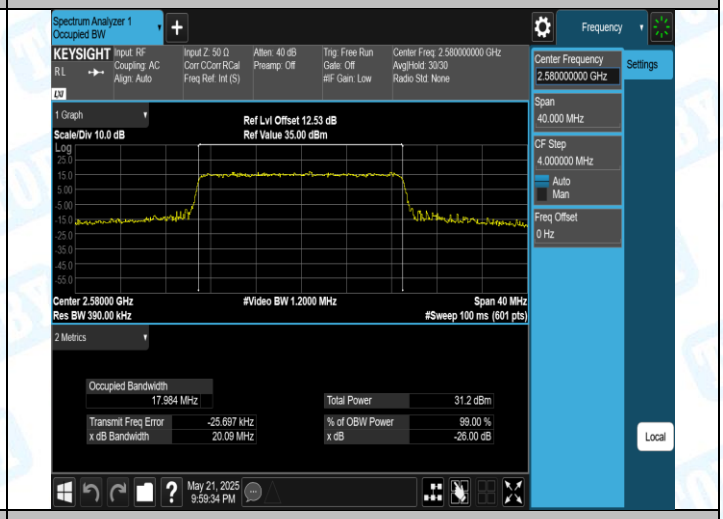
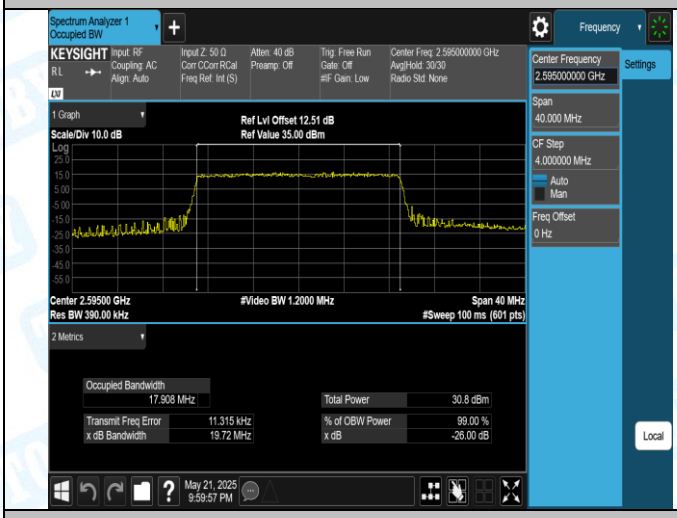


Band38-20MHz-16QAM-37850-100RB#0-PASS



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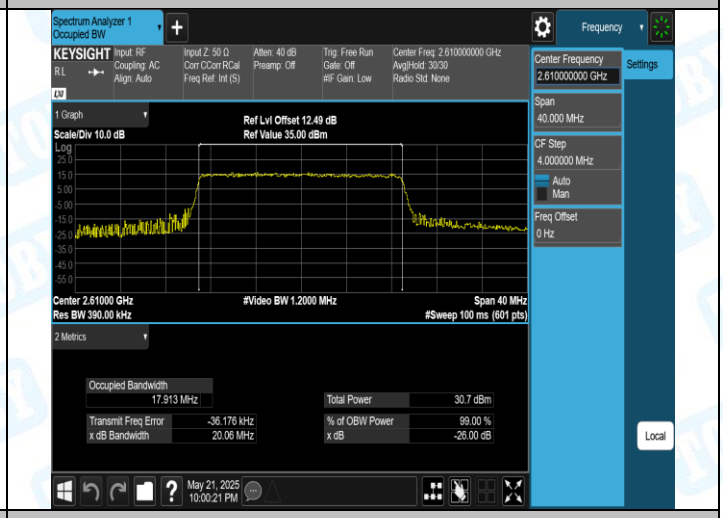


Band38-20MHz-16QAM-38150-100RB#0-PASS

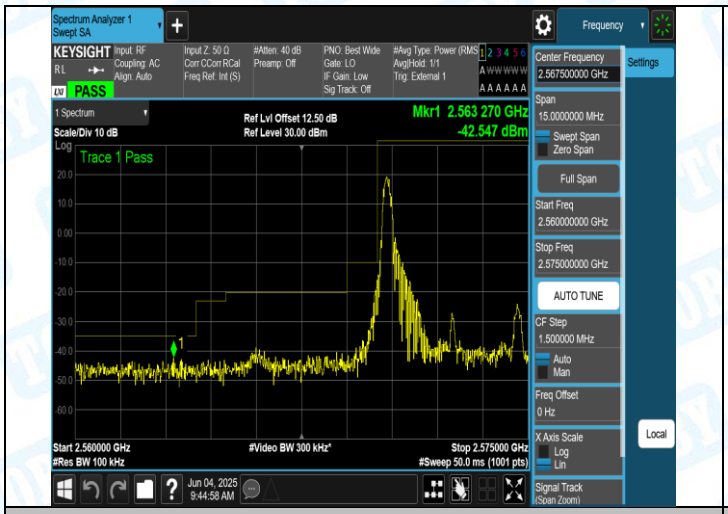
4: Band Edge

Test Result

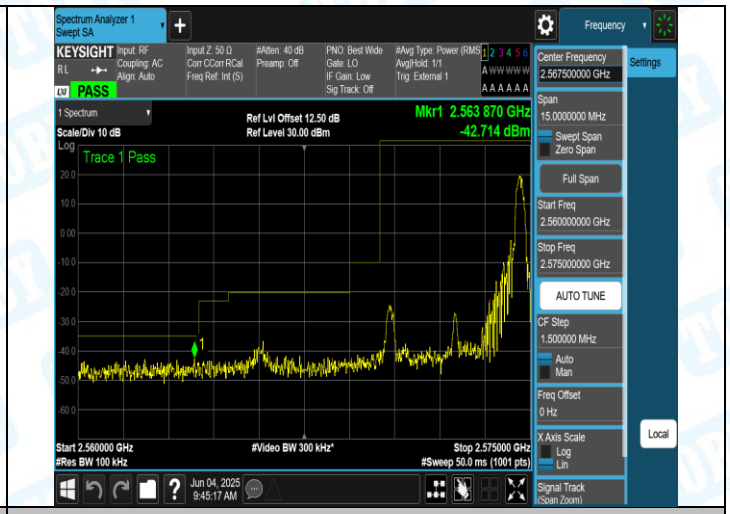
Band	Bandwidth	Modulation	Channel	RB Configuration	Level_dBm	Margin	Verdict
Band38	5MHz	QPSK	37775	1RB#0	-42.55	7.55	PASS
Band38	5MHz	QPSK	37775	1RB#24	-42.71	7.71	PASS
Band38	5MHz	QPSK	37775	25RB#0	-37.09	2.09	PASS
Band38	5MHz	QPSK	38225	1RB#0	-43.40	8.40	PASS
Band38	5MHz	QPSK	38225	1RB#24	-15.53	5.53	PASS
Band38	5MHz	QPSK	38225	25RB#0	-38.57	3.57	PASS
Band38	5MHz	16QAM	37775	1RB#0	-16.12	6.12	PASS
Band38	5MHz	16QAM	37775	1RB#24	-42.65	7.65	PASS
Band38	5MHz	16QAM	37775	25RB#0	-38.41	3.41	PASS
Band38	5MHz	16QAM	38225	1RB#0	-42.34	7.34	PASS
Band38	5MHz	16QAM	38225	1RB#24	-17.18	7.18	PASS
Band38	5MHz	16QAM	38225	25RB#0	-38.36	3.36	PASS
Band38	10MHz	QPSK	37800	1RB#0	-15.77	5.77	PASS
Band38	10MHz	QPSK	37800	1RB#49	-40.97	8.97	PASS
Band38	10MHz	QPSK	37800	50RB#0	-34.86	2.86	PASS
Band38	10MHz	QPSK	38200	1RB#0	-40.80	8.80	PASS
Band38	10MHz	QPSK	38200	1RB#49	-16.98	6.98	PASS
Band38	10MHz	QPSK	38200	50RB#0	-37.01	5.01	PASS
Band38	10MHz	16QAM	37800	1RB#0	-16.96	6.96	PASS
Band38	10MHz	16QAM	37800	1RB#49	-41.60	9.60	PASS
Band38	10MHz	16QAM	37800	50RB#0	-35.18	3.18	PASS
Band38	10MHz	16QAM	38200	1RB#0	-41.38	9.38	PASS
Band38	10MHz	16QAM	38200	1RB#49	-14.20	4.20	PASS
Band38	10MHz	16QAM	38200	50RB#0	-37.30	5.30	PASS
Band38	15MHz	QPSK	37825	1RB#0	-13.96	3.96	PASS
Band38	15MHz	QPSK	37825	1RB#74	-40.11	9.91	PASS
Band38	15MHz	QPSK	37825	75RB#0	-32.36	2.16	PASS
Band38	15MHz	QPSK	38175	1RB#0	-39.75	9.55	PASS
Band38	15MHz	QPSK	38175	1RB#74	-17.03	7.03	PASS
Band38	15MHz	QPSK	38175	75RB#0	-33.18	2.98	PASS
Band38	15MHz	16QAM	37825	1RB#0	-39.65	9.45	PASS
Band38	15MHz	16QAM	37825	1RB#74	-39.87	9.67	PASS
Band38	15MHz	16QAM	37825	75RB#0	-33.50	3.30	PASS
Band38	15MHz	16QAM	38175	1RB#0	-39.46	9.26	PASS
Band38	15MHz	16QAM	38175	1RB#74	-17.36	7.36	PASS
Band38	15MHz	16QAM	38175	75RB#0	-34.87	4.67	PASS
Band38	20MHz	QPSK	37850	1RB#0	-39.23	10.13	PASS
Band38	20MHz	QPSK	37850	1RB#99	-39.29	10.19	PASS
Band38	20MHz	QPSK	37850	100RB#0	-35.01	5.91	PASS

Band38	20MHz	QPSK	38150	1RB#0	-38.72	9.62	PASS
Band38	20MHz	QPSK	38150	1RB#99	-38.82	9.72	PASS
Band38	20MHz	QPSK	38150	100RB#0	-36.75	7.65	PASS
Band38	20MHz	16QAM	37850	1RB#0	-38.50	9.40	PASS
Band38	20MHz	16QAM	37850	1RB#99	-38.98	9.88	PASS
Band38	20MHz	16QAM	37850	100RB#0	-35.51	6.41	PASS
Band38	20MHz	16QAM	38150	1RB#0	-38.86	9.76	PASS
Band38	20MHz	16QAM	38150	1RB#99	-18.91	8.81	PASS
Band38	20MHz	16QAM	38150	100RB#0	-36.14	7.04	PASS

Test Graphs



Band38-5MHz-QPSK-37775-1RB#0-PASS



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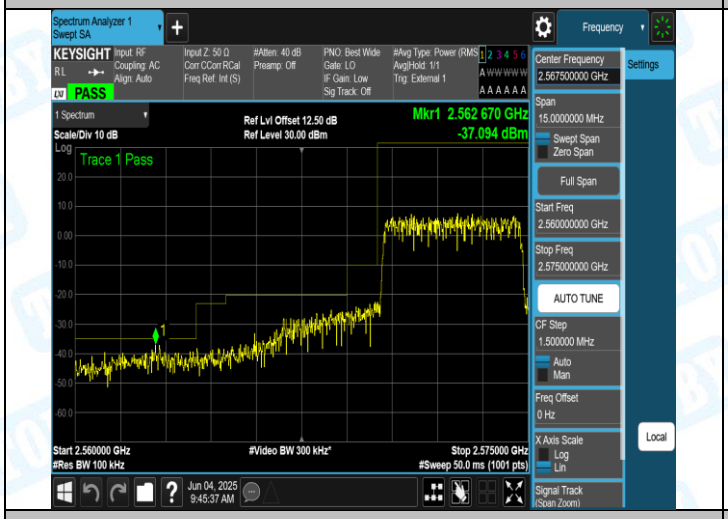

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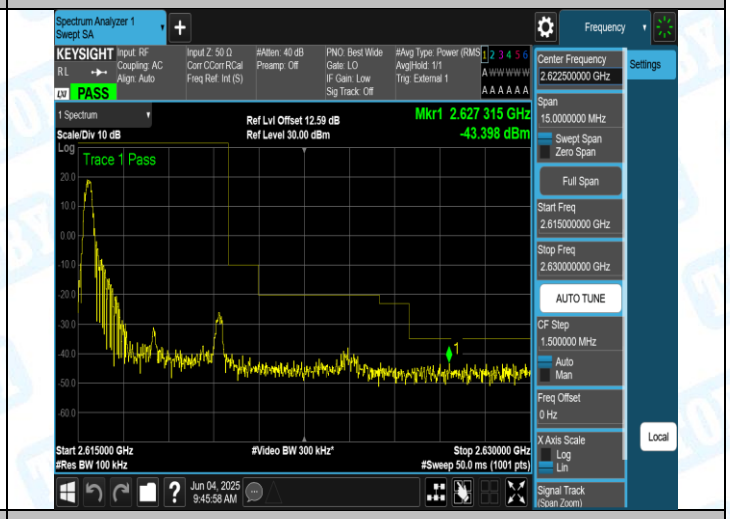

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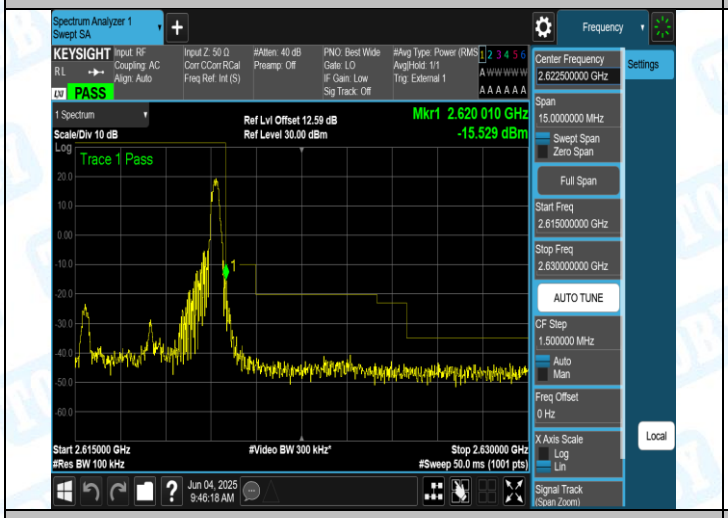

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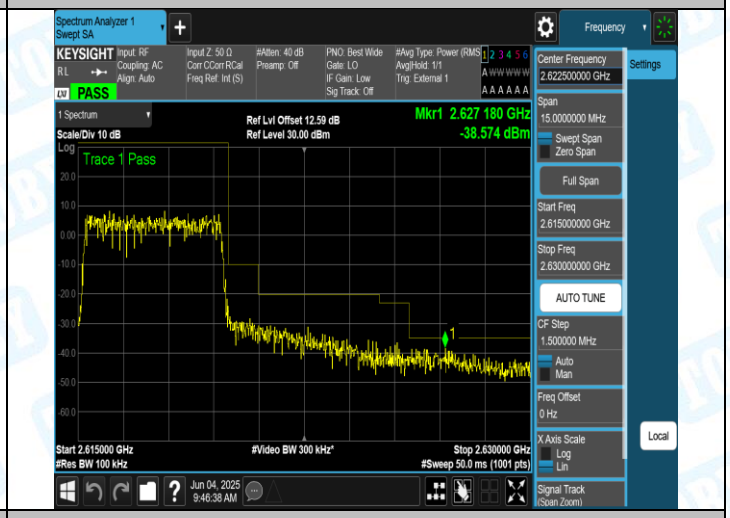

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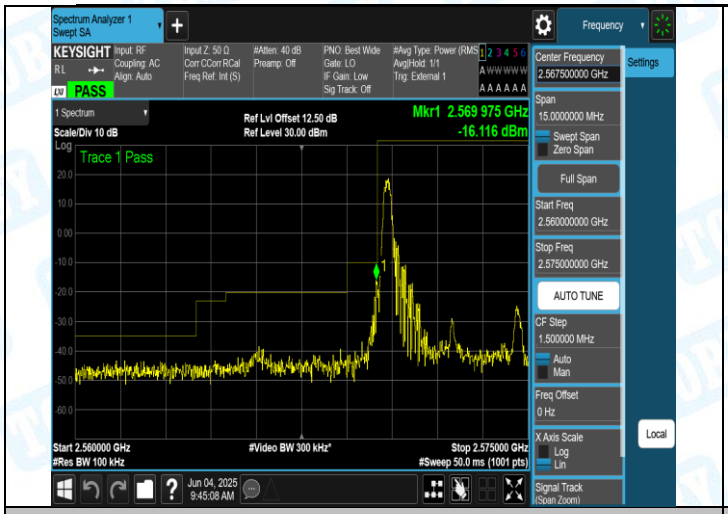

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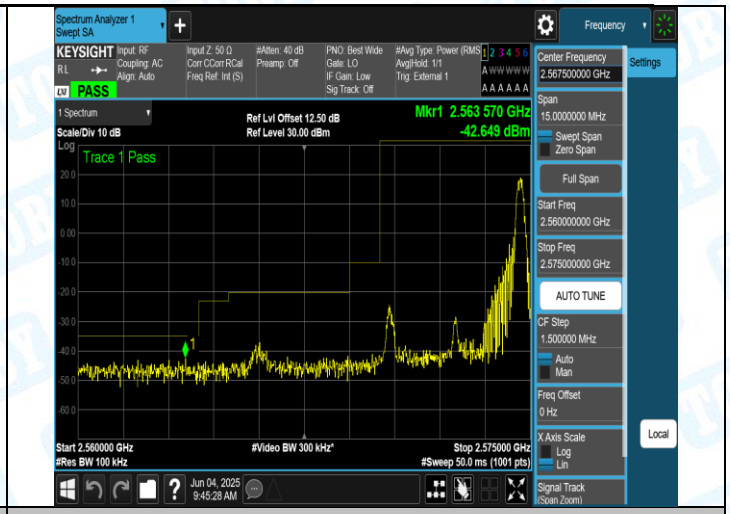

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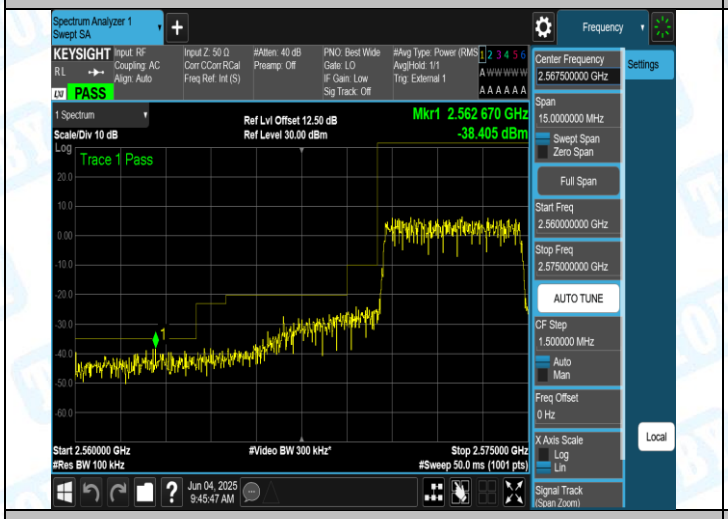

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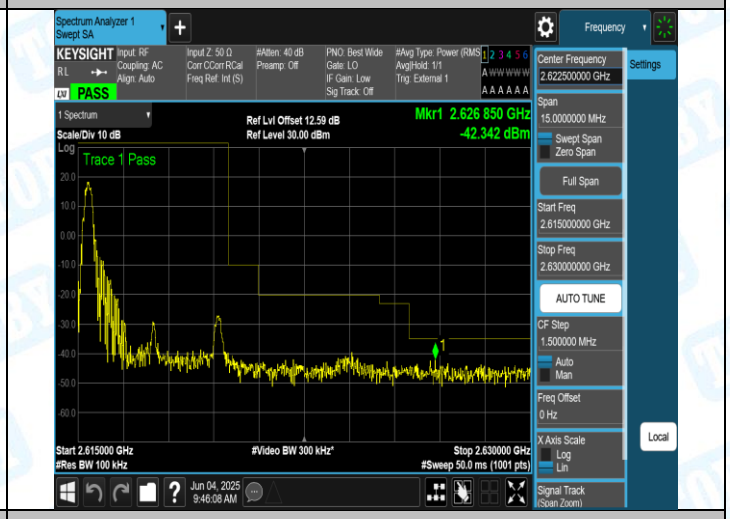

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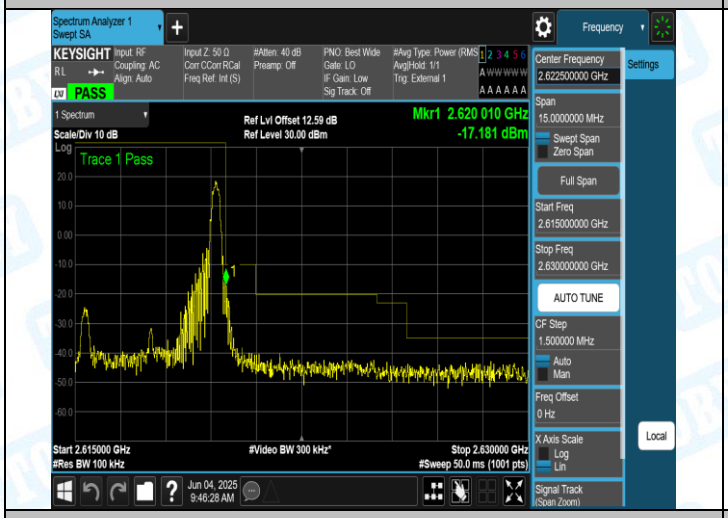

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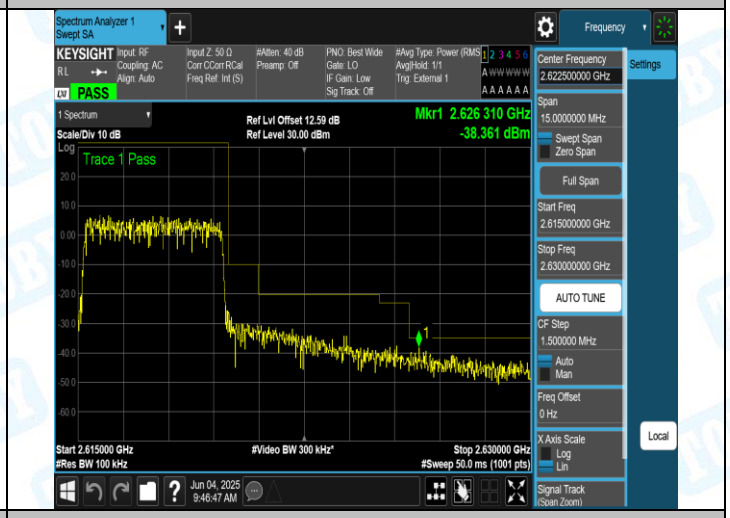

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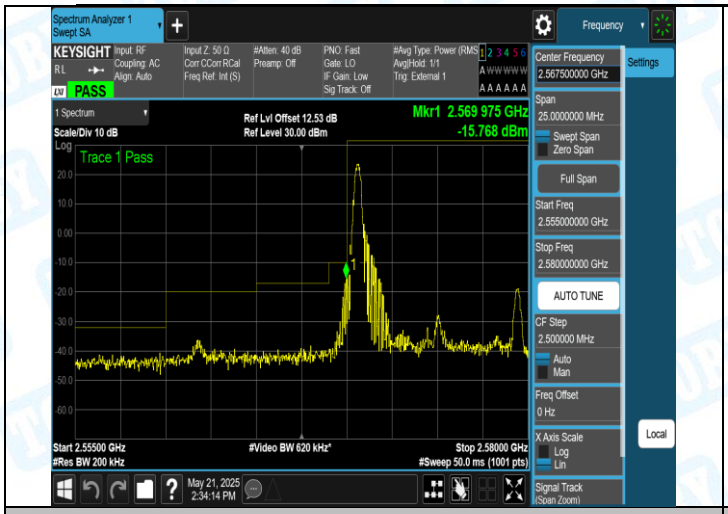

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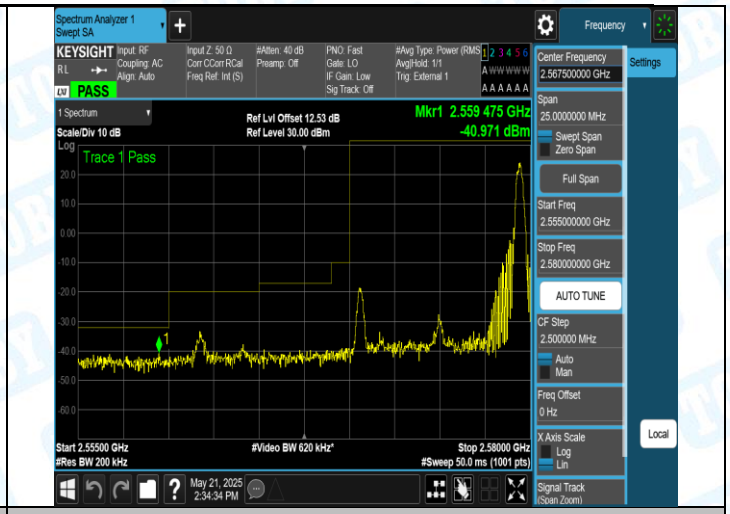

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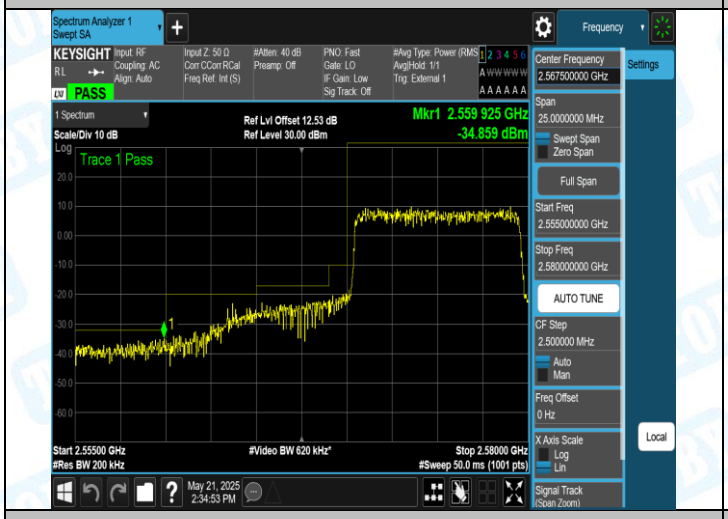

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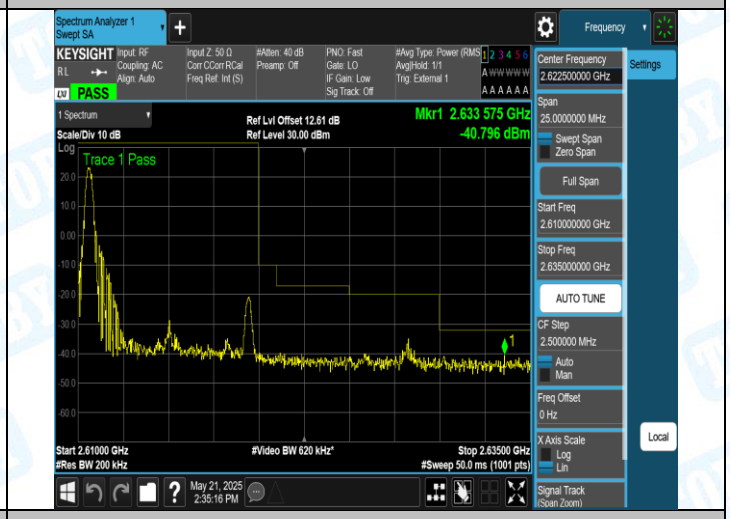

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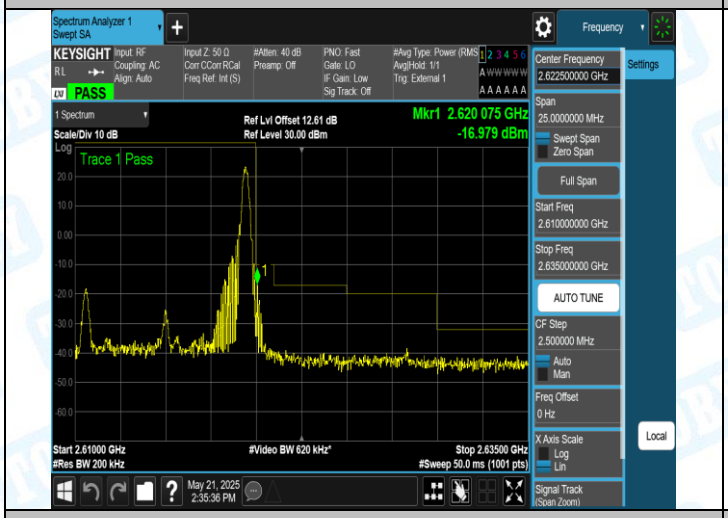

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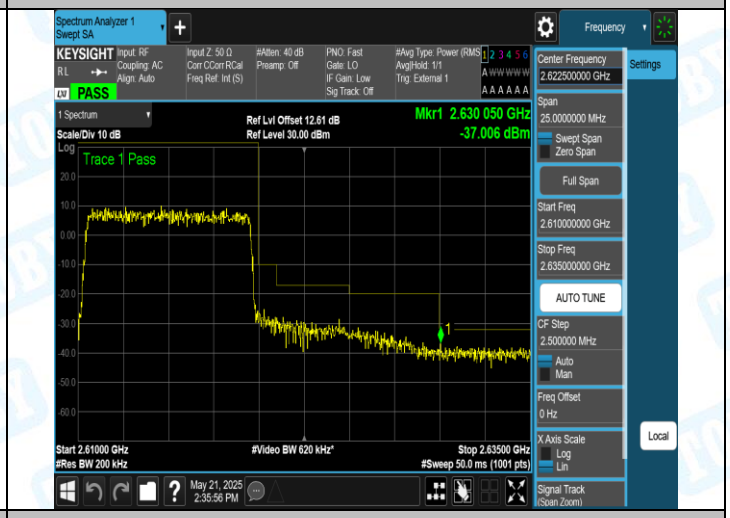

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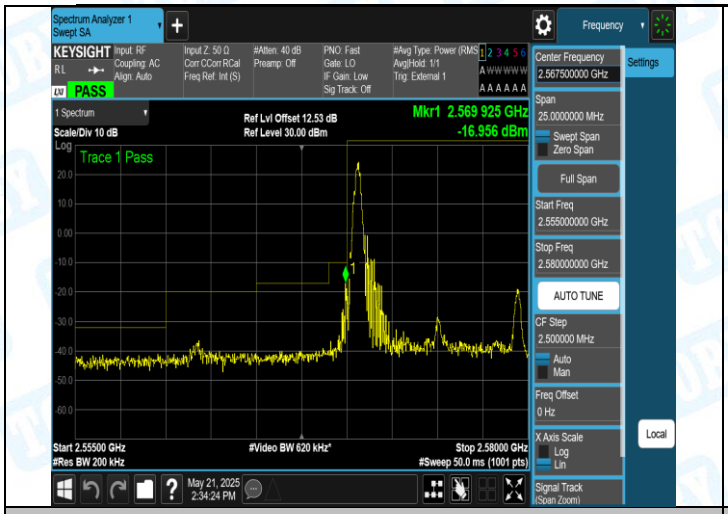

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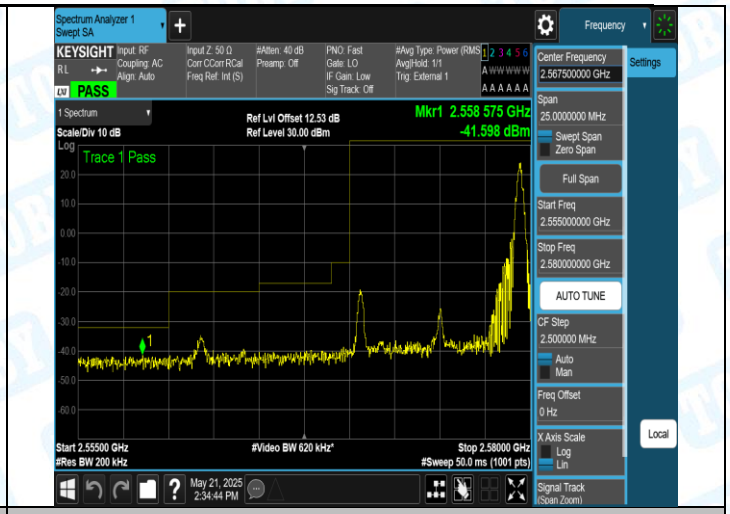

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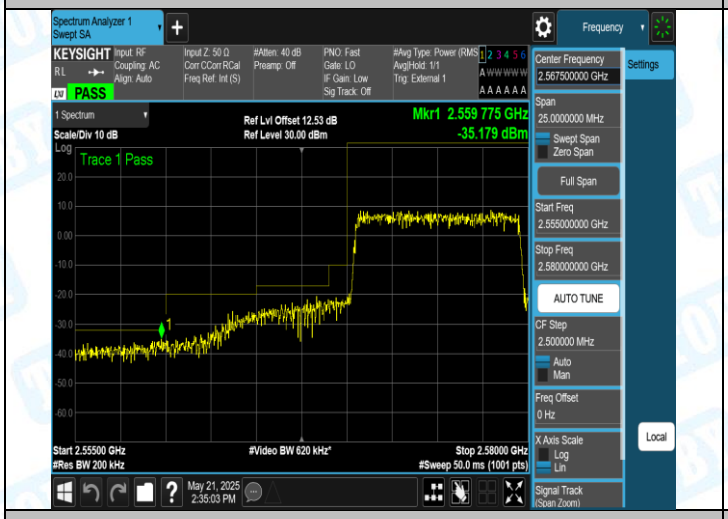

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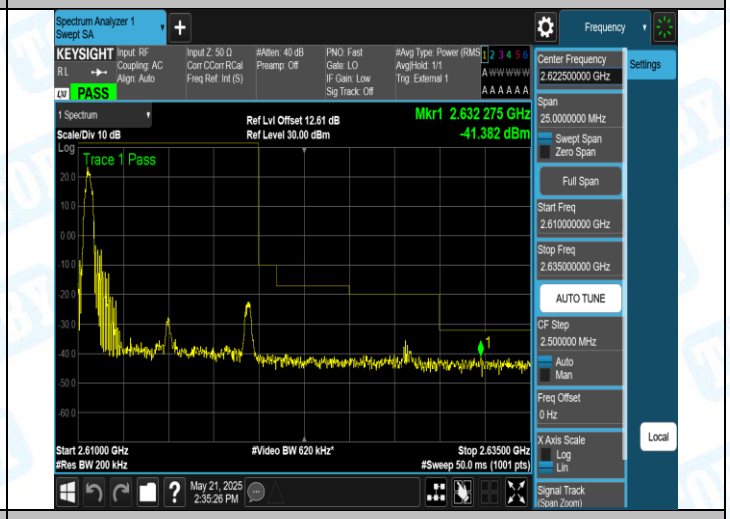

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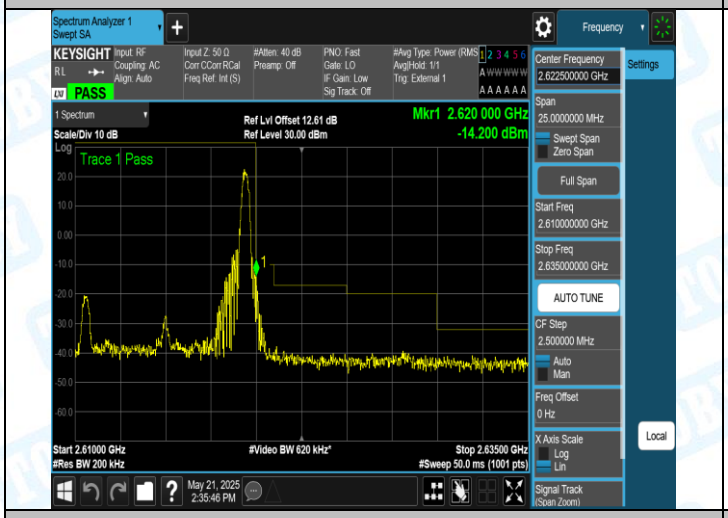

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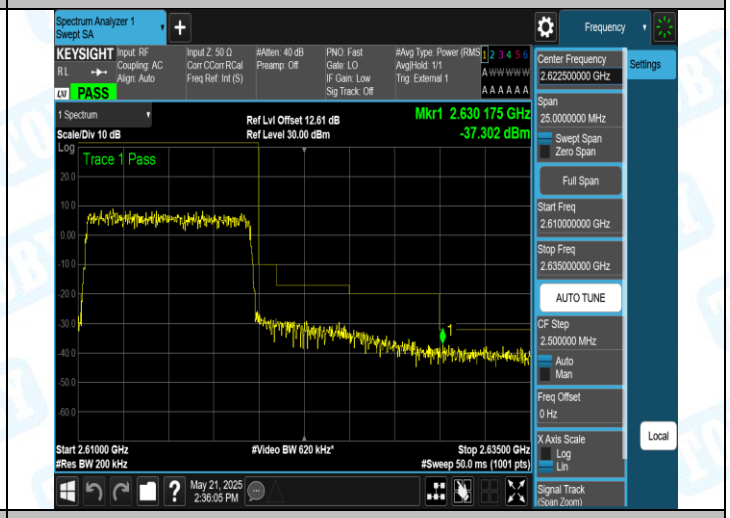

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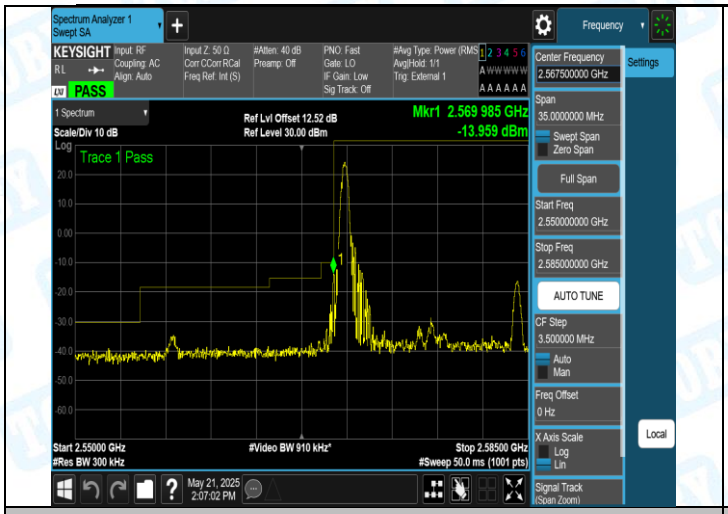
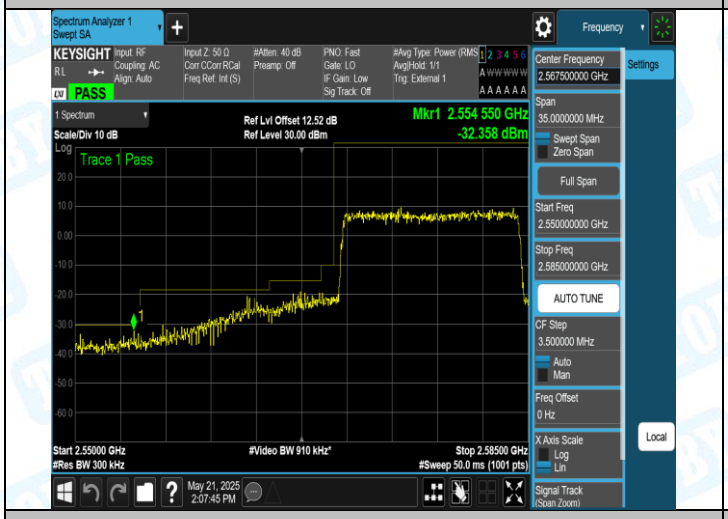
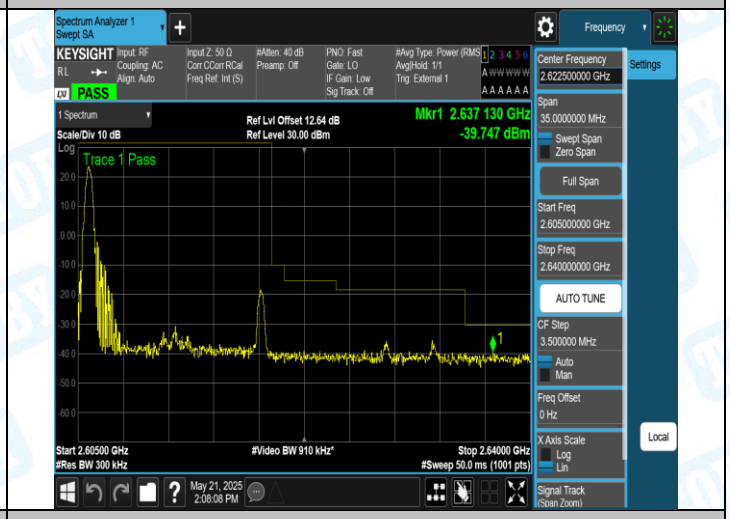


Band38-15MHz-QPSK-37825-1RB#0-PASS

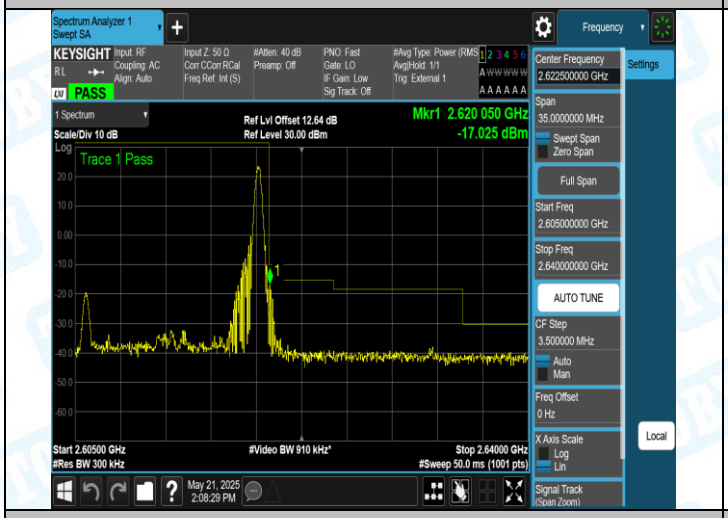
Band38-15MHz-QPSK-37825-1RB#74-PASS



Band38-15MHz-QPSK-37825-75RB#0-PASS



Band38-15MHz-QPSK-38175-1RB#0-PASS



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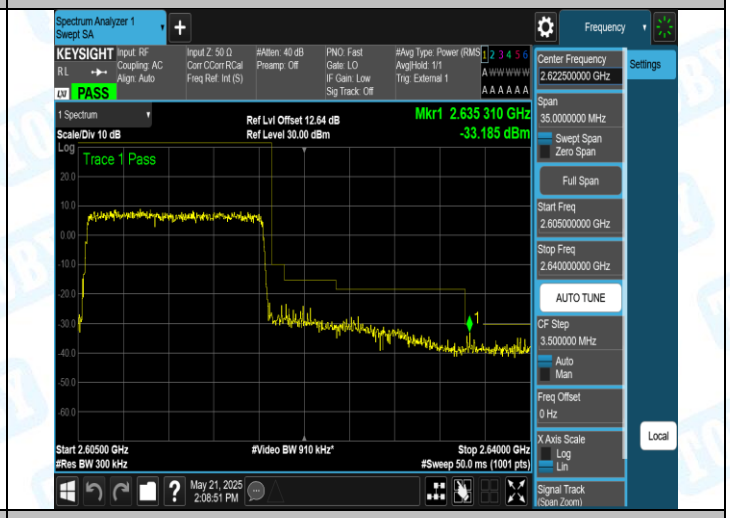

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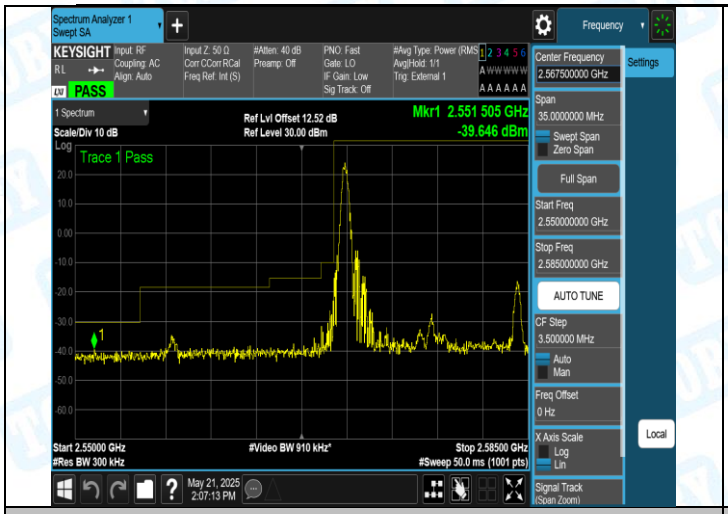

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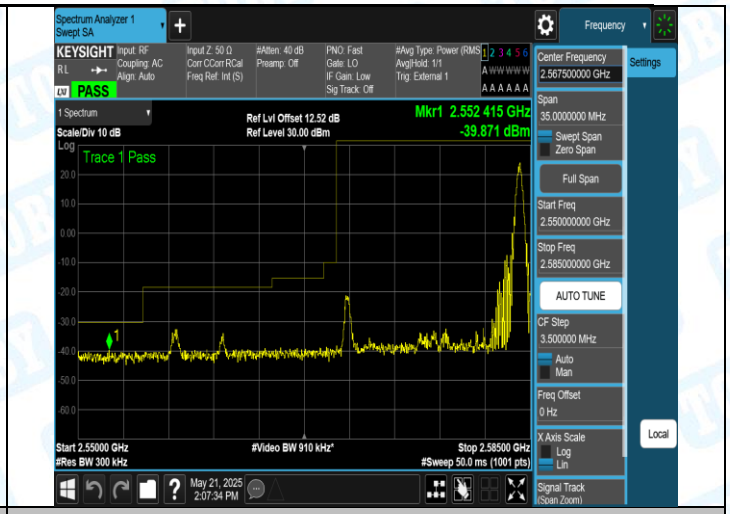
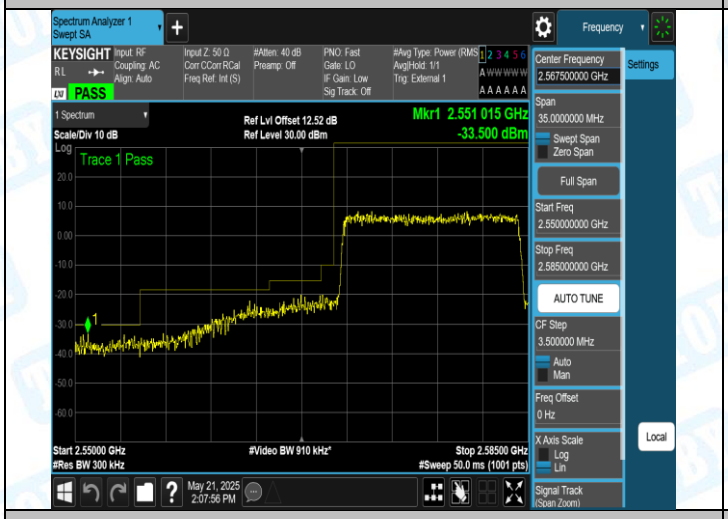


Band38-15MHz-16QAM-37825-1RB#74-PASS



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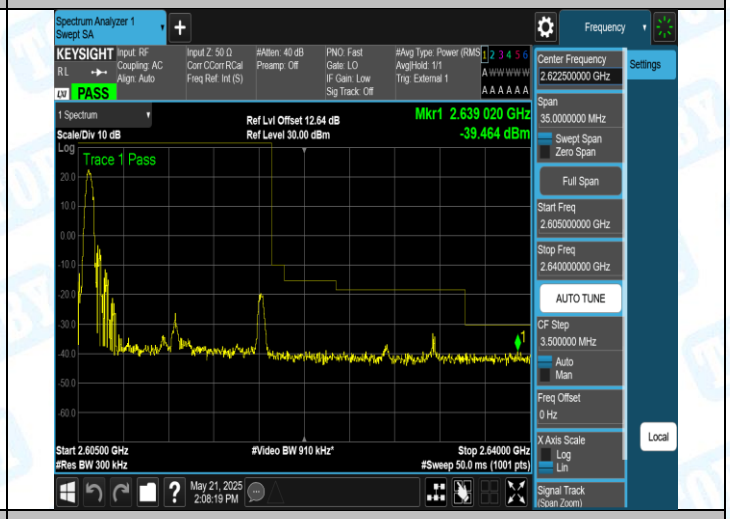

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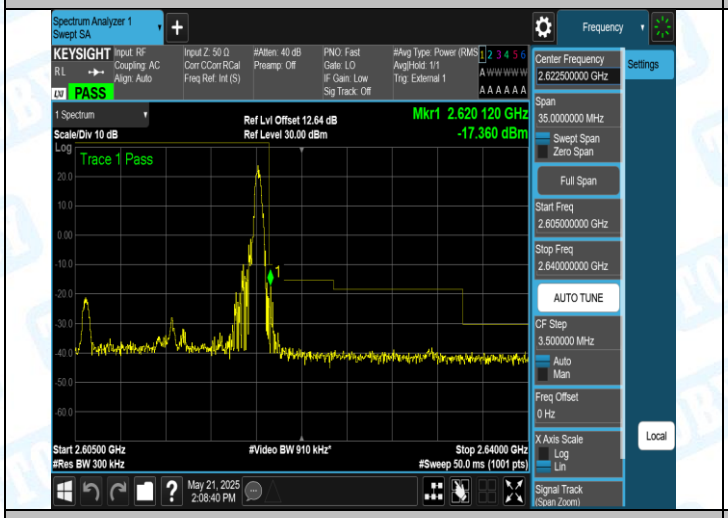

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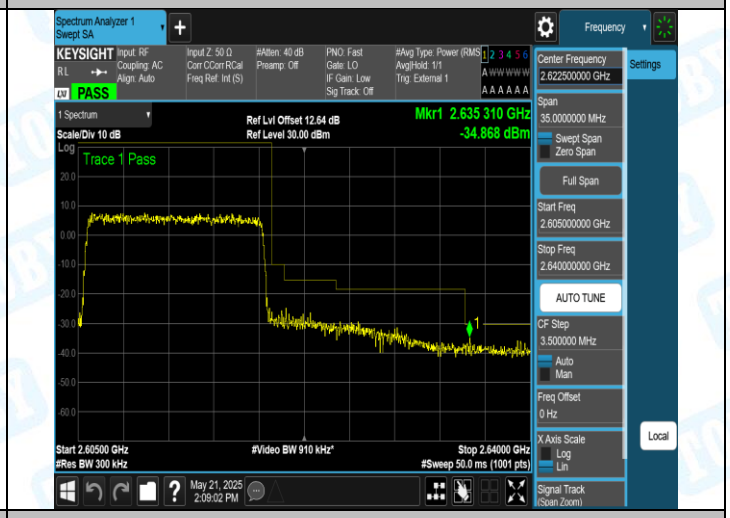
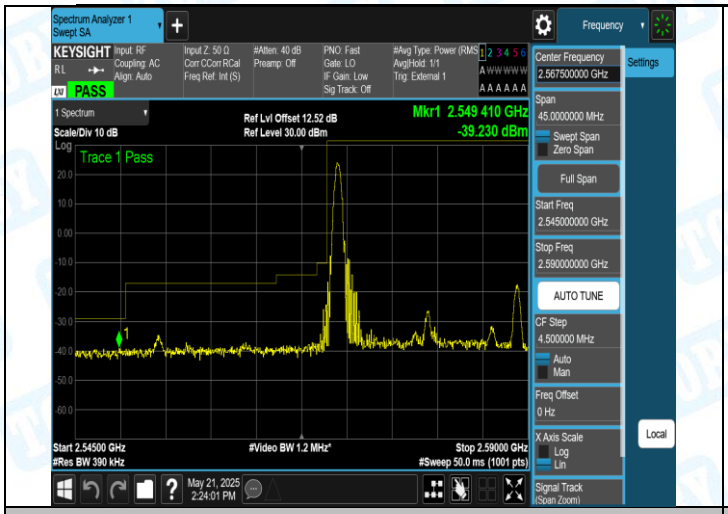
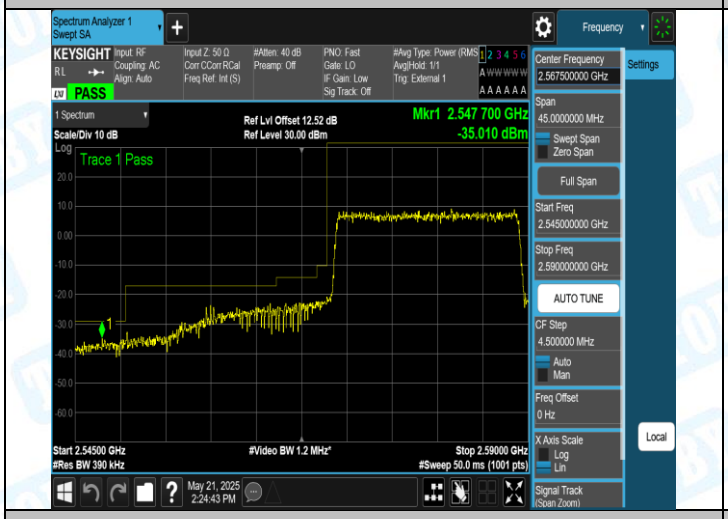


Band38-15MHz-16QAM-38175-75RB#0-PASS

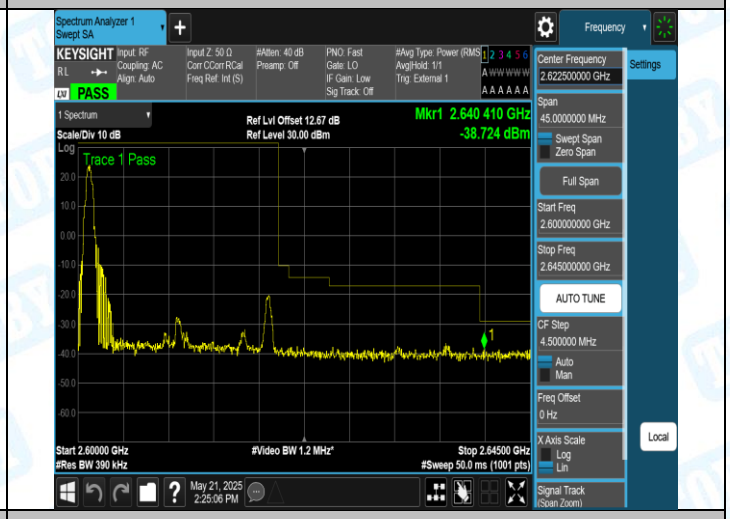


Band38-20MHz-QPSK-37850-1RB#0-PASS

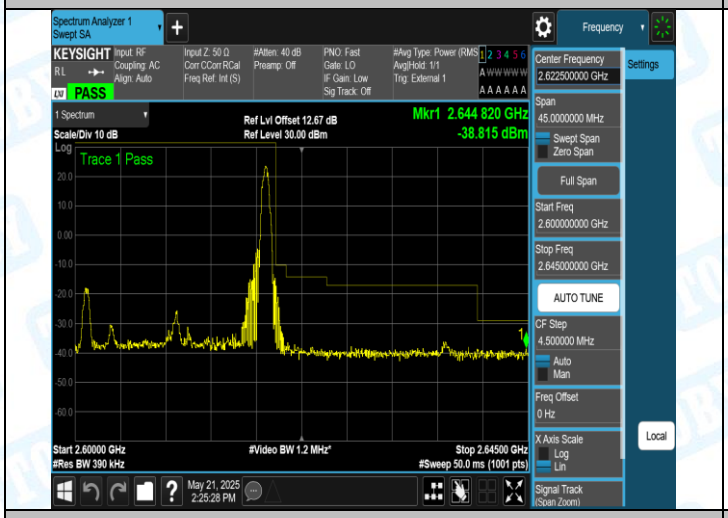
Band38-20MHz-QPSK-37850-1RB#99-PASS



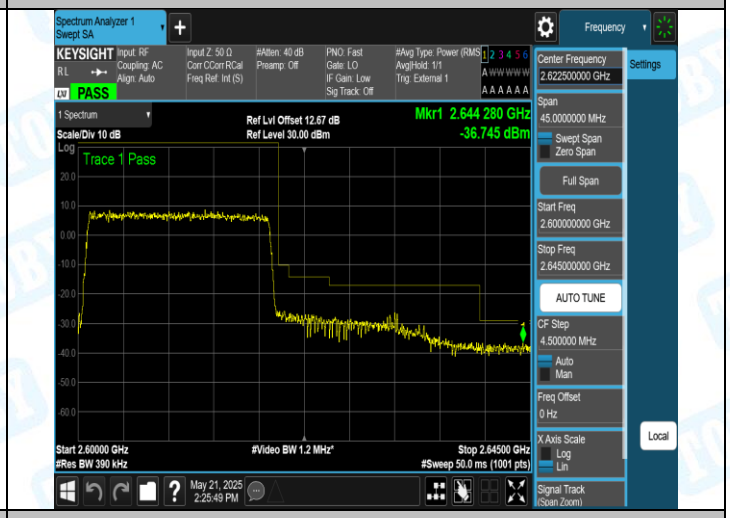
Band38-20MHz-QPSK-37850-100RB#0-PASS



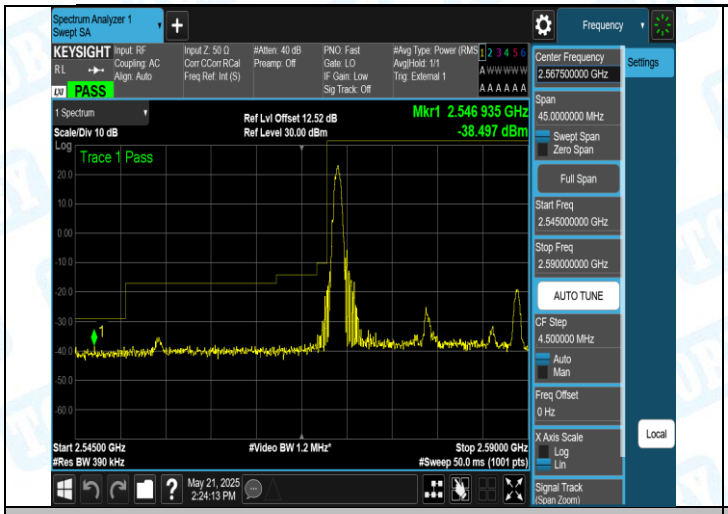
Band38-20MHz-QPSK-38150-1RB#0-PASS



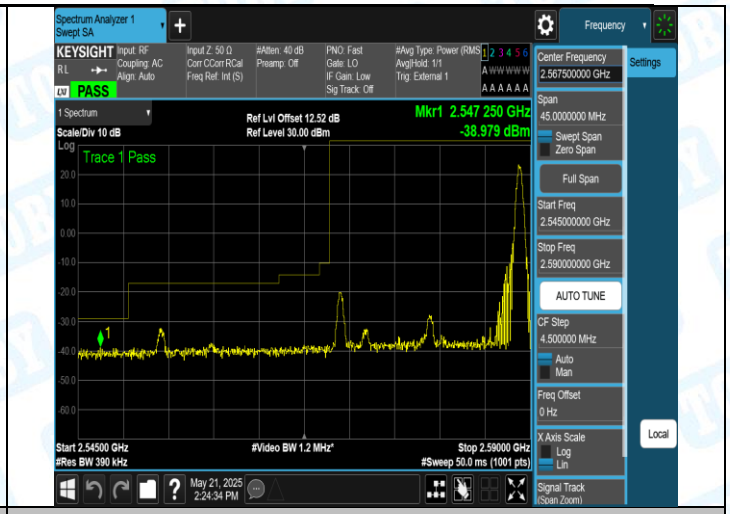
Band38-20MHz-QPSK-38150-1RB#99-PASS



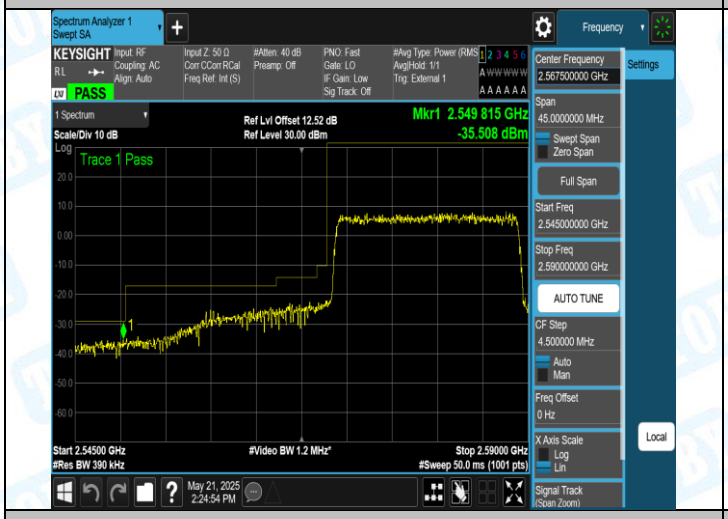
Band38-20MHz-QPSK-38150-100RB#0-PASS



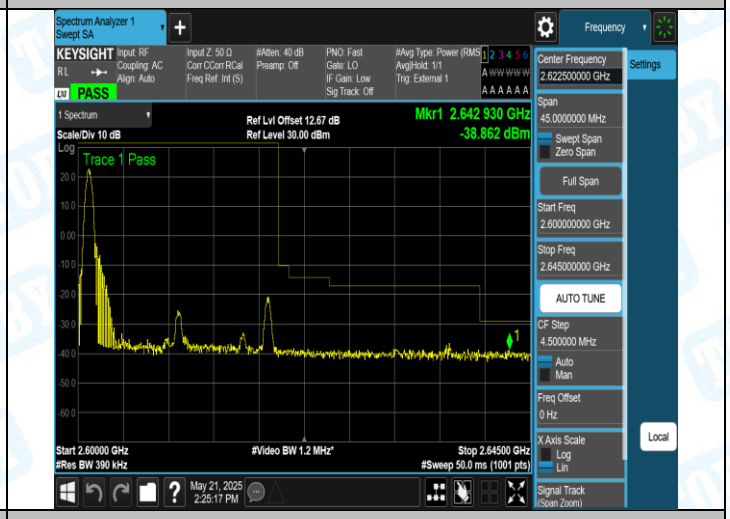
Band38-20MHz-16QAM-37850-1RB#0-PASS



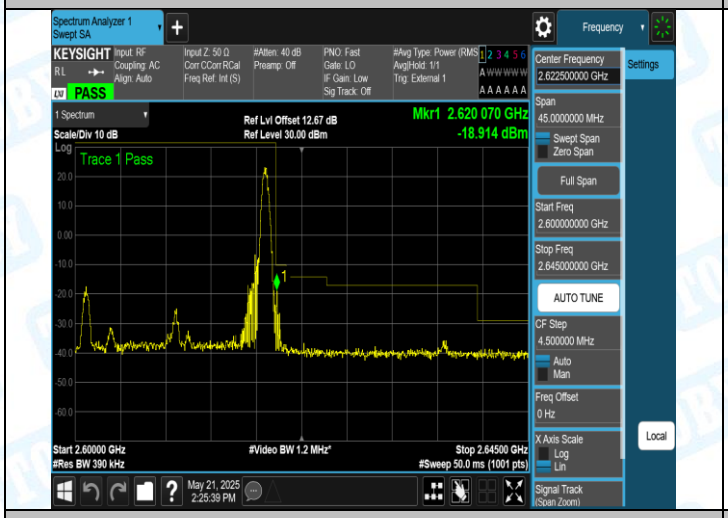
Band38-20MHz-16QAM-37850-1RB#99-PASS



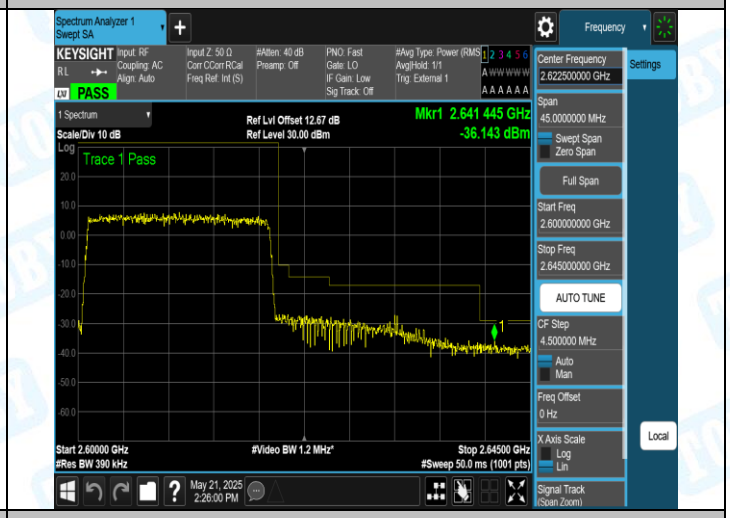
Band38-20MHz-16QAM-37850-100RB#0-PASS



Band38-20MHz-16QAM-38150-1RB#0-PASS



Band38-20MHz-16QAM-38150-1RB#99-PASS



Band38-20MHz-16QAM-38150-100RB#0-PASS

5: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Frequency	Value(dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	0.009~0.15	0.02	-82.20	-55.0	PASS
Band38	5MHz	QPSK	37775	1RB#0	0.15~30	0.15	-81.34	-45.0	PASS
Band38	5MHz	QPSK	37775	1RB#0	30~1000	925.31	-60.61	-35.0	PASS
Band38	5MHz	QPSK	37775	1RB#0	1000~20000	18946.45	-32.45	-25.0	PASS
Band38	5MHz	QPSK	37775	1RB#0	20000~27000	24751.60	-46.52	-25.0	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.009~0.15	0.02	-79.63	-55.0	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.15~30	0.51	-81.19	-45.0	PASS
Band38	5MHz	QPSK	38000	1RB#0	30~1000	902.52	-60.66	-35.0	PASS
Band38	5MHz	QPSK	38000	1RB#0	1000~20000	18982.55	-31.96	-25.0	PASS
Band38	5MHz	QPSK	38000	1RB#0	20000~27000	24746.35	-45.78	-25.0	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.009~0.15	0.02	-77.41	-55.0	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.15~30	0.39	-81.33	-45.0	PASS
Band38	5MHz	QPSK	38225	1RB#0	30~1000	938.89	-60.68	-35.0	PASS
Band38	5MHz	QPSK	38225	1RB#0	1000~20000	19002.50	-32.28	-25.0	PASS
Band38	5MHz	QPSK	38225	1RB#0	20000~27000	24775.05	-46.31	-25.0	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.009~0.15	0.02	-81.51	-55.0	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.15~30	0.45	-82.07	-45.0	PASS
Band38	5MHz	16QAM	37775	1RB#0	30~1000	894.76	-60.13	-35.0	PASS
Band38	5MHz	16QAM	37775	1RB#0	1000~20000	19017.23	-32.20	-25.0	PASS
Band38	5MHz	16QAM	37775	1RB#0	20000~27000	24733.40	-46.32	-25.0	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.009~0.15	0.05	-78.82	-55.0	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.15~30	0.15	-80.96	-45.0	PASS
Band38	5MHz	16QAM	38000	1RB#0	30~1000	893.30	-60.62	-35.0	PASS
Band38	5MHz	16QAM	38000	1RB#0	1000~20000	19323.13	-32.58	-25.0	PASS
Band38	5MHz	16QAM	38000	1RB#0	20000~27000	24779.25	-46.53	-25.0	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.009~0.15	0.02	-80.13	-55.0	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.15~30	0.66	-81.44	-45.0	PASS
Band38	5MHz	16QAM	38225	1RB#0	30~1000	902.52	-60.13	-35.0	PASS
Band38	5MHz	16QAM	38225	1RB#0	1000~20000	18946.93	-32.46	-25.0	PASS
Band38	5MHz	16QAM	38225	1RB#0	20000~27000	24765.25	-46.16	-25.0	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.009~0.15	0.07	-79.26	-55.0	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.15~30	0.39	-81.02	-45.0	PASS
Band38	10MHz	QPSK	37800	1RB#0	30~1000	922.40	-60.44	-35.0	PASS
Band38	10MHz	QPSK	37800	1RB#0	1000~20000	2552.30	-31.61	-25.0	PASS
Band38	10MHz	QPSK	37800	1RB#0	20000~27000	24744.25	-46.26	-25.0	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.009~0.15	0.02	-73.82	-55.0	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.15~30	0.63	-81.28	-45.0	PASS
Band38	10MHz	QPSK	38000	1RB#0	30~1000	902.03	-60.44	-35.0	PASS
Band38	10MHz	QPSK	38000	1RB#0	1000~20000	18993.95	-32.23	-25.0	PASS

Band38	10MHz	QPSK	38000	1RB#0	20000~27000	24718.35	-46.33	-25.0	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.009~0.15	0.02	-80.52	-55.0	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.15~30	0.54	-81.14	-45.0	PASS
Band38	10MHz	QPSK	38200	1RB#0	30~1000	502.39	-60.69	-35.0	PASS
Band38	10MHz	QPSK	38200	1RB#0	1000~20000	19005.35	-31.86	-25.0	PASS
Band38	10MHz	QPSK	38200	1RB#0	20000~27000	24786.95	-46.51	-25.0	PASS
Band38	10MHz	16QAM	37800	1RB#0	0.009~0.15	0.02	-76.47	-55.0	PASS
Band38	10MHz	16QAM	37800	1RB#0	0.15~30	0.42	-81.62	-45.0	PASS
Band38	10MHz	16QAM	37800	1RB#0	30~1000	949.08	-60.59	-35.0	PASS
Band38	10MHz	16QAM	37800	1RB#0	1000~20000	2553.25	-31.93	-25.0	PASS
Band38	10MHz	16QAM	37800	1RB#0	20000~27000	24758.25	-46.55	-25.0	PASS
Band38	10MHz	16QAM	38000	1RB#0	0.009~0.15	0.03	-79.01	-55.0	PASS
Band38	10MHz	16QAM	38000	1RB#0	0.15~30	0.66	-80.55	-45.0	PASS
Band38	10MHz	16QAM	38000	1RB#0	30~1000	959.75	-60.89	-35.0	PASS
Band38	10MHz	16QAM	38000	1RB#0	1000~20000	18995.85	-32.35	-25.0	PASS
Band38	10MHz	16QAM	38000	1RB#0	20000~27000	24818.80	-46.59	-25.0	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.009~0.15	0.03	-80.52	-55.0	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.15~30	0.45	-81.72	-45.0	PASS
Band38	10MHz	16QAM	38200	1RB#0	30~1000	961.69	-60.09	-35.0	PASS
Band38	10MHz	16QAM	38200	1RB#0	1000~20000	18957.38	-32.25	-25.0	PASS
Band38	10MHz	16QAM	38200	1RB#0	20000~27000	24739.70	-45.93	-25.0	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.009~0.15	0.02	-81.96	-55.0	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.15~30	0.24	-81.77	-45.0	PASS
Band38	15MHz	QPSK	37825	1RB#0	30~1000	899.12	-60.56	-35.0	PASS
Band38	15MHz	QPSK	37825	1RB#0	1000~20000	18960.70	-30.24	-25.0	PASS
Band38	15MHz	QPSK	37825	1RB#0	20000~27000	24732.35	-46.40	-25.0	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.009~0.15	0.02	-80.46	-55.0	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.15~30	0.15	-81.41	-45.0	PASS
Band38	15MHz	QPSK	38000	1RB#0	30~1000	878.27	-60.62	-35.0	PASS
Band38	15MHz	QPSK	38000	1RB#0	1000~20000	18925.08	-32.39	-25.0	PASS
Band38	15MHz	QPSK	38000	1RB#0	20000~27000	24772.25	-46.25	-25.0	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.009~0.15	0.02	-77.70	-55.0	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.15~30	0.54	-81.14	-45.0	PASS
Band38	15MHz	QPSK	38175	1RB#0	30~1000	900.58	-60.30	-35.0	PASS
Band38	15MHz	QPSK	38175	1RB#0	1000~20000	18825.33	-32.43	-25.0	PASS
Band38	15MHz	QPSK	38175	1RB#0	20000~27000	24767.70	-46.30	-25.0	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.009~0.15	0.02	-78.75	-55.0	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.15~30	0.63	-81.74	-45.0	PASS
Band38	15MHz	16QAM	37825	1RB#0	30~1000	903.97	-60.46	-35.0	PASS
Band38	15MHz	16QAM	37825	1RB#0	1000~20000	18967.35	-32.52	-25.0	PASS
Band38	15MHz	16QAM	37825	1RB#0	20000~27000	24714.85	-46.55	-25.0	PASS
Band38	15MHz	16QAM	38000	1RB#0	0.009~0.15	0.02	-79.83	-55.0	PASS
Band38	15MHz	16QAM	38000	1RB#0	0.15~30	0.15	-81.25	-45.0	PASS
Band38	15MHz	16QAM	38000	1RB#0	30~1000	904.94	-60.29	-35.0	PASS

Band38	15MHz	16QAM	38000	1RB#0	1000~20000	18909.40	-31.82	-25.0	PASS
Band38	15MHz	16QAM	38000	1RB#0	20000~27000	24785.20	-46.41	-25.0	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.009~0.15	0.03	-77.10	-55.0	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.15~30	0.36	-80.73	-45.0	PASS
Band38	15MHz	16QAM	38175	1RB#0	30~1000	864.20	-60.47	-35.0	PASS
Band38	15MHz	16QAM	38175	1RB#0	1000~20000	18950.73	-32.13	-25.0	PASS
Band38	15MHz	16QAM	38175	1RB#0	20000~27000	24693.15	-46.66	-25.0	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.009~0.15	0.02	-77.55	-55.0	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.15~30	0.48	-81.43	-45.0	PASS
Band38	20MHz	QPSK	37850	1RB#0	30~1000	852.08	-60.43	-35.0	PASS
Band38	20MHz	QPSK	37850	1RB#0	1000~20000	18825.33	-32.25	-25.0	PASS
Band38	20MHz	QPSK	37850	1RB#0	20000~27000	24712.40	-46.47	-25.0	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.009~0.15	0.03	-74.49	-55.0	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.15~30	0.27	-81.45	-45.0	PASS
Band38	20MHz	QPSK	38000	1RB#0	30~1000	862.26	-60.23	-35.0	PASS
Band38	20MHz	QPSK	38000	1RB#0	1000~20000	18988.73	-32.55	-25.0	PASS
Band38	20MHz	QPSK	38000	1RB#0	20000~27000	24775.40	-46.19	-25.0	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.009~0.15	0.03	-79.11	-55.0	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.15~30	0.24	-81.78	-45.0	PASS
Band38	20MHz	QPSK	38150	1RB#0	30~1000	840.44	-60.35	-35.0	PASS
Band38	20MHz	QPSK	38150	1RB#0	1000~20000	18923.18	-32.52	-25.0	PASS
Band38	20MHz	QPSK	38150	1RB#0	20000~27000	24757.90	-46.17	-25.0	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.009~0.15	0.02	-78.70	-55.0	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.15~30	0.48	-81.04	-45.0	PASS
Band38	20MHz	16QAM	37850	1RB#0	30~1000	812.31	-60.43	-35.0	PASS
Band38	20MHz	16QAM	37850	1RB#0	1000~20000	19003.45	-32.18	-25.0	PASS
Band38	20MHz	16QAM	37850	1RB#0	20000~27000	24740.05	-46.24	-25.0	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.009~0.15	0.03	-79.80	-55.0	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.15~30	0.42	-81.73	-45.0	PASS
Band38	20MHz	16QAM	38000	1RB#0	30~1000	812.31	-60.47	-35.0	PASS
Band38	20MHz	16QAM	38000	1RB#0	1000~20000	18761.68	-32.29	-25.0	PASS
Band38	20MHz	16QAM	38000	1RB#0	20000~27000	24668.30	-46.48	-25.0	PASS
Band38	20MHz	16QAM	38150	1RB#0	0.009~0.15	0.02	-80.87	-55.0	PASS
Band38	20MHz	16QAM	38150	1RB#0	0.15~30	0.27	-81.84	-45.0	PASS
Band38	20MHz	16QAM	38150	1RB#0	30~1000	932.59	-60.53	-35.0	PASS
Band38	20MHz	16QAM	38150	1RB#0	1000~20000	18966.88	-34.40	-25.0	PASS
Band38	20MHz	16QAM	38150	1RB#0	20000~27000	24756.50	-46.25	-25.0	PASS