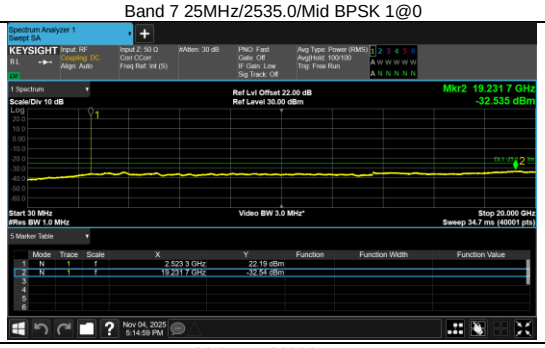
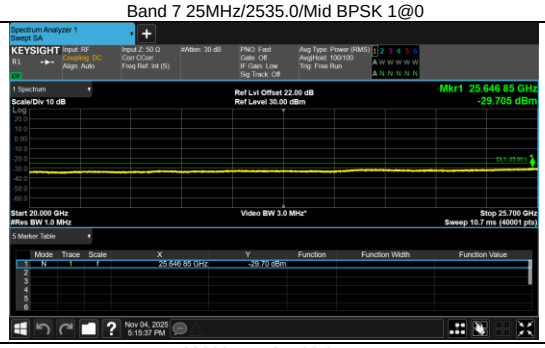
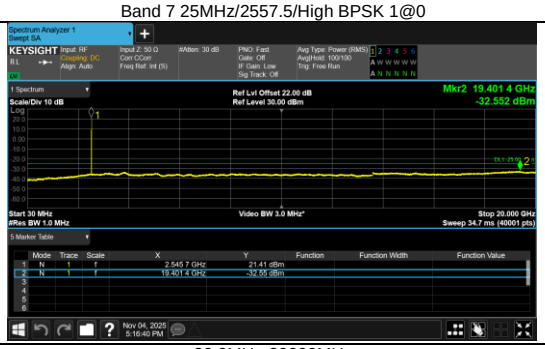
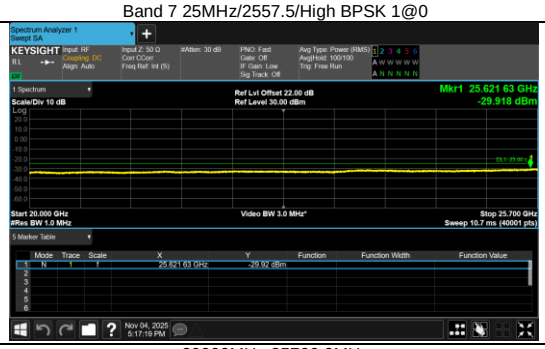
30.0MHz-20000MHz Band 7 25MHz/2535.0/Mid BPSK 1@0	20000MHz-25700.0MHz Band 7 25MHz/2535.0/Mid BPSK 1@0
	
30.0MHz-20000MHz Band 7 25MHz/2557.5/High BPSK 1@0	20000MHz-25700.0MHz Band 7 25MHz/2557.5/High BPSK 1@0
	
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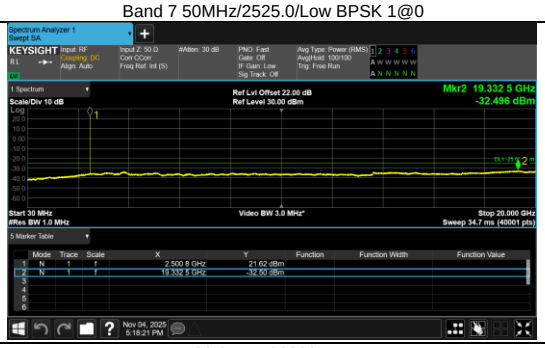
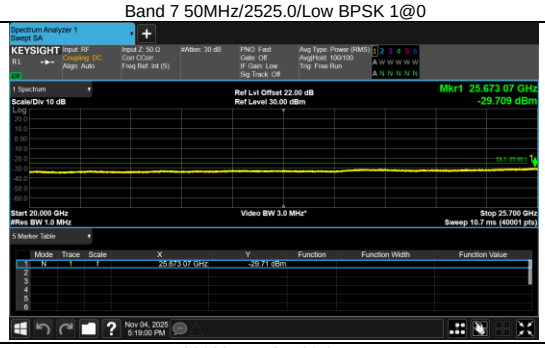
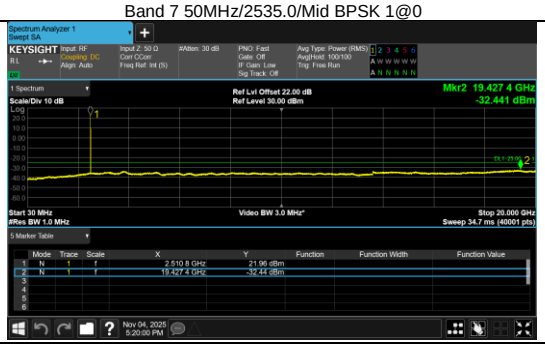
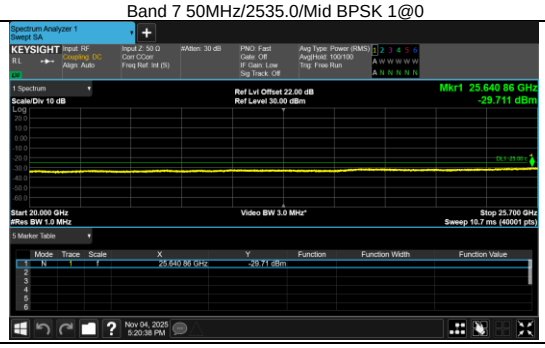
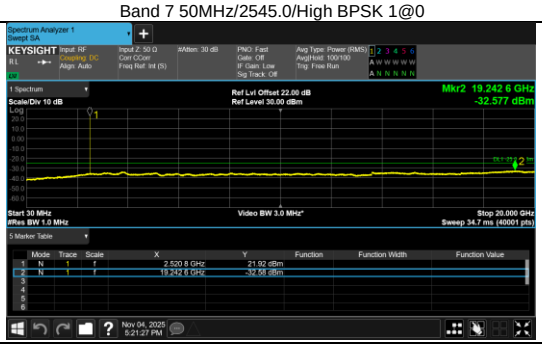
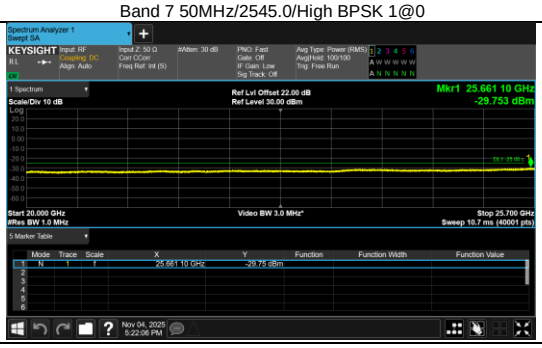
	
30.0MHz-20000MHz Band 7 50MHz/2535.0/Mid BPSK 1@0	20000MHz-25700.0MHz Band 7 50MHz/2535.0/Mid BPSK 1@0
	

30.0MHz-20000MHz Band 7 50MHz/2545.0/High BPSK 1@0	20000MHz-25700.0MHz Band 7 50MHz/2545.0/High BPSK 1@0
	

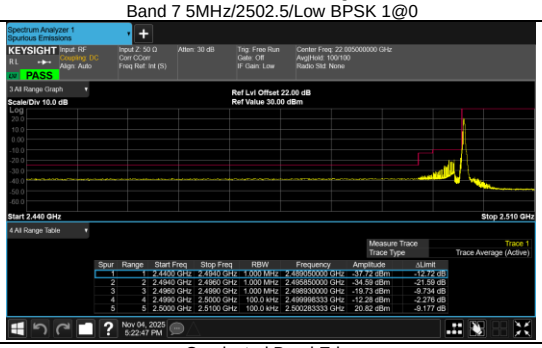
Conducted Band Edge

Test Result

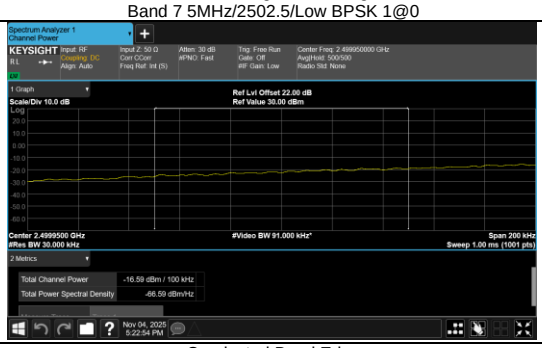
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
7	15	5	513500	2567.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
7	15	5	513500	2567.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
7	15	25	502500	2512.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	25	502500	2512.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
7	15	25	511500	2557.5	DFT-s-OFDM BPSK	1@132	see graph	PASS
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	1@132	see graph	PASS
7	15	25	511500	2557.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
7	15	50	505000	2525.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	50	505000	2525.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	50	505000	2525.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
7	15	50	505000	2525.0	DFT-s-OFDM QPSK	270@0	see graph	PASS
7	15	50	509000	2545.0	DFT-s-OFDM BPSK	1@269	see graph	PASS
7	15	50	509000	2545.0	DFT-s-OFDM QPSK	1@269	see graph	PASS
7	15	50	509000	2545.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
7	15	50	509000	2545.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

Test Graphs

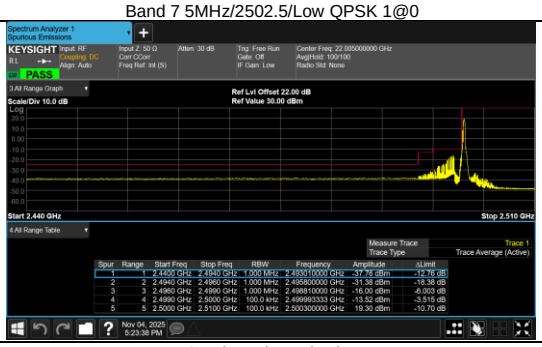
Conducted Band Edge
Band 7 5MHz/2502.5/Low BPSK 1@0



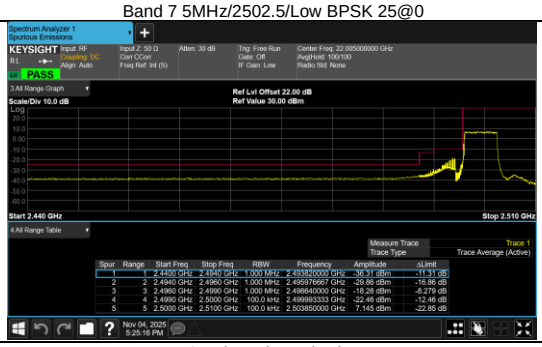
Conducted Band Edge CHP Range4 PASS
Band 7 5MHz/2502.5/Low BPSK 1@0



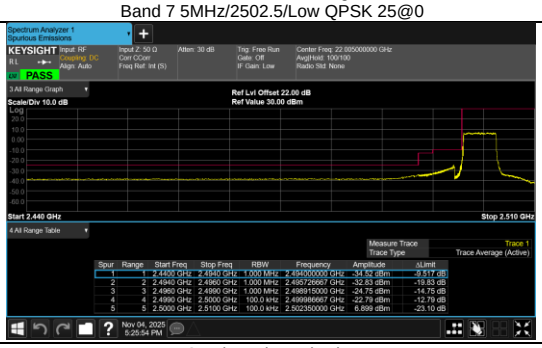
Conducted Band Edge
Band 7 5MHz/2502.5/Low QPSK 1@0



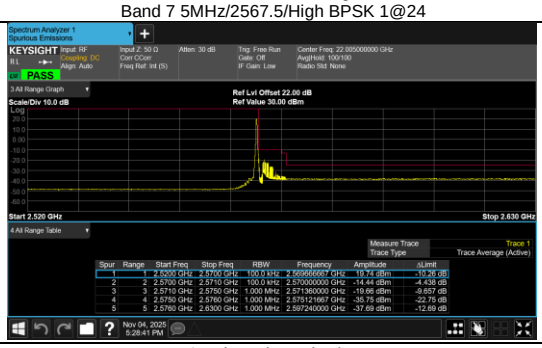
Conducted Band Edge
Band 7 5MHz/2502.5/Low BPSK 25@0



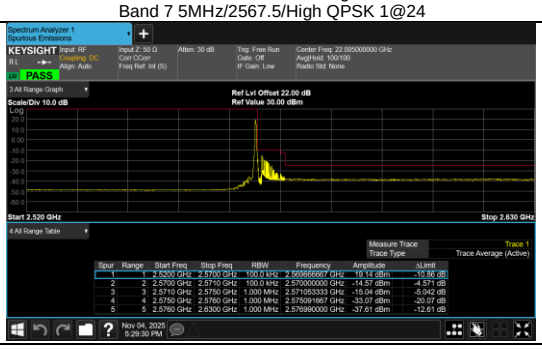
Conducted Band Edge
Band 7 5MHz/2502.5/Low QPSK 25@0



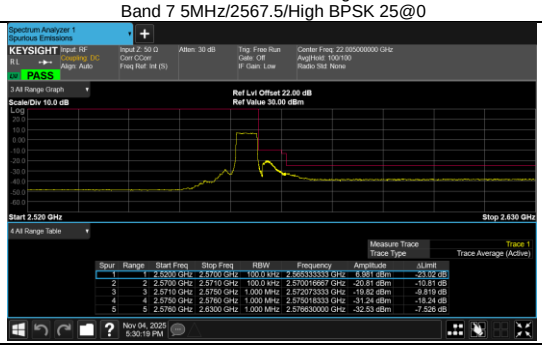
Conducted Band Edge
Band 7 5MHz/2567.5/High BPSK 1@24



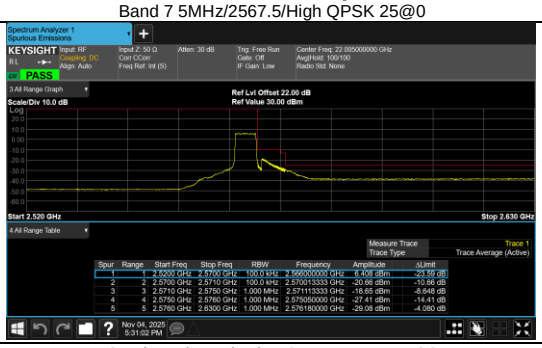
Conducted Band Edge
Band 7 5MHz/2567.5/High QPSK 1@24



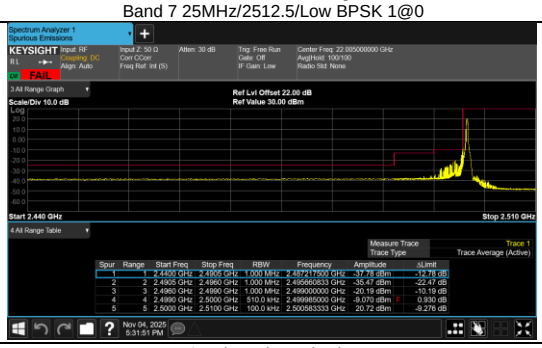
Conducted Band Edge
Band 7 5MHz/2567.5/High BPSK 25@0



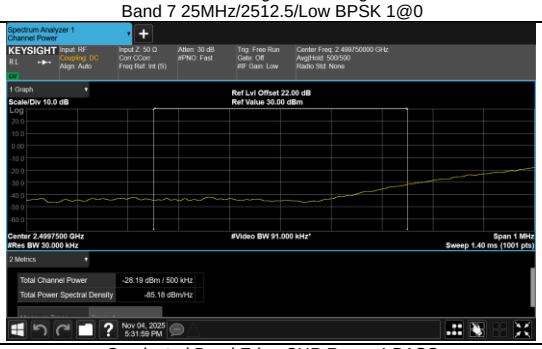
Conducted Band Edge
Band 7 5MHz/2567.5/High QPSK 25@0



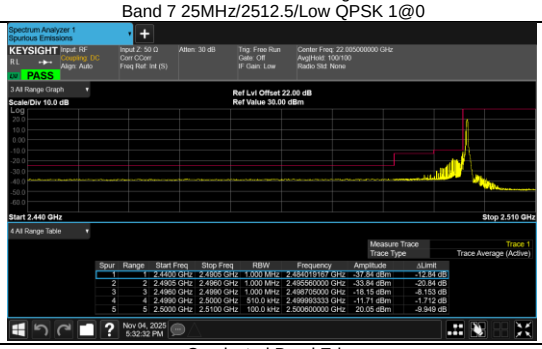
Conducted Band Edge
Band 7 25MHz/2512.5/Low BPSK 1@0



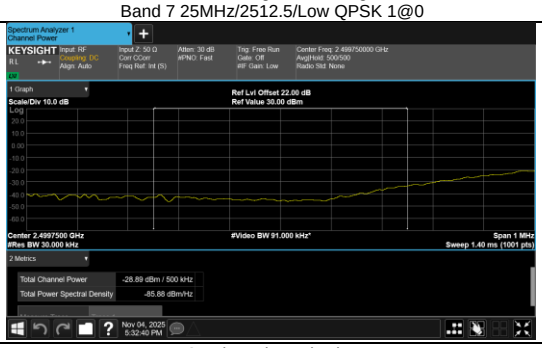
Conducted Band Edge CHP Range4 PASS
Band 7 25MHz/2512.5/Low BPSK 1@0



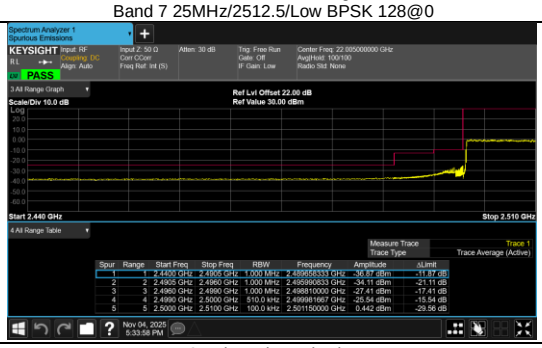
Conducted Band Edge
Band 7 25MHz/2512.5/Low QPSK 1@0



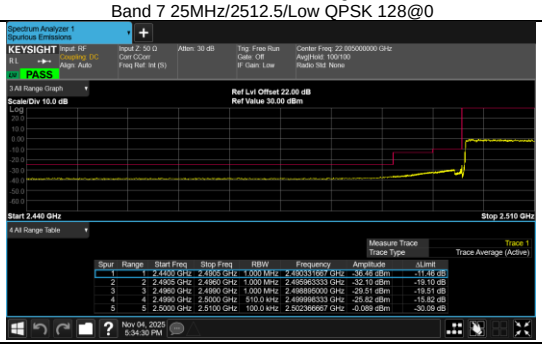
Conducted Band Edge CHP Range4 PASS
Band 7 25MHz/2512.5/Low QPSK 1@0



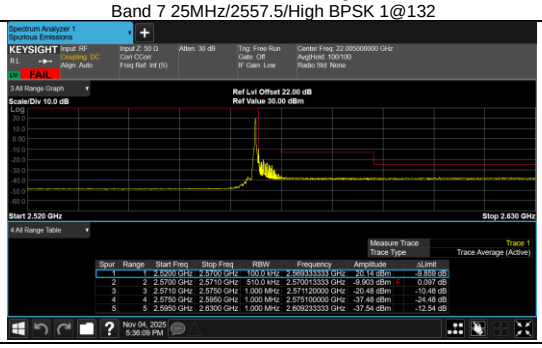
Conducted Band Edge
Band 7 25MHz/2512.5/Low BPSK 128@0

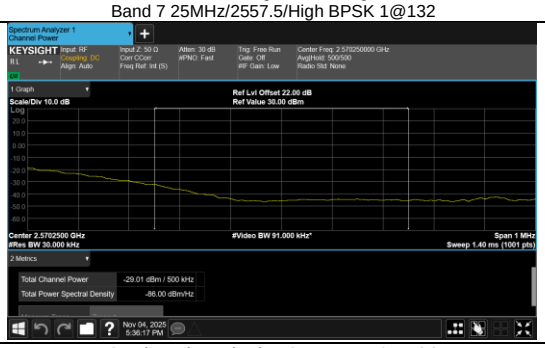
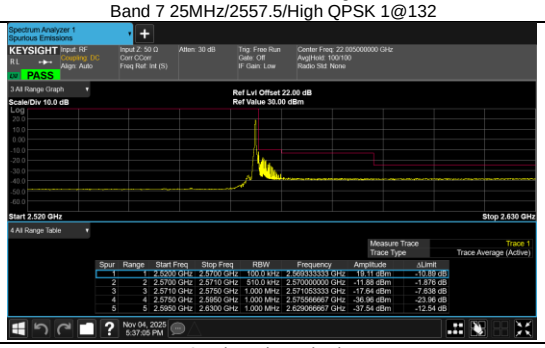
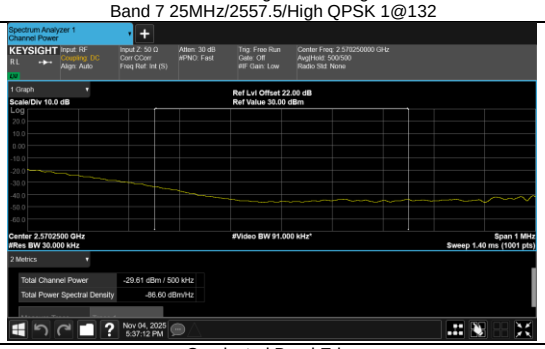
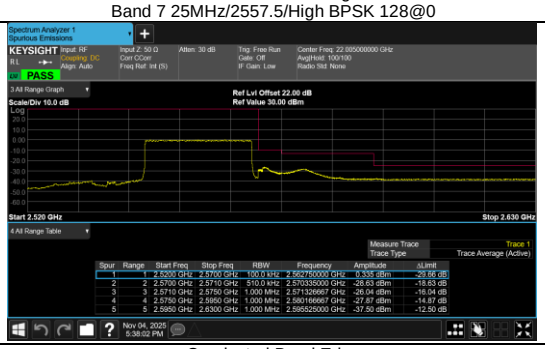
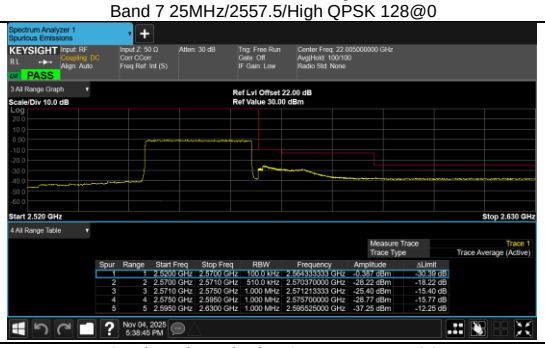
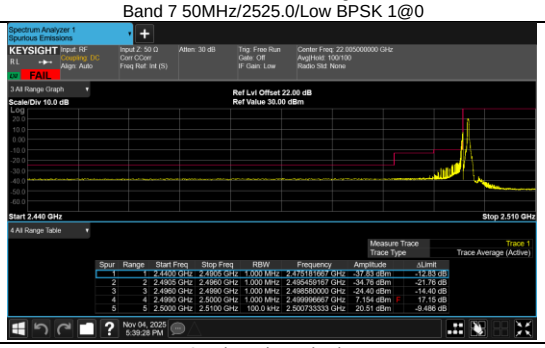
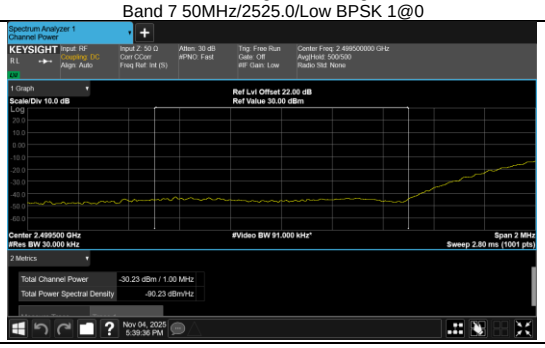
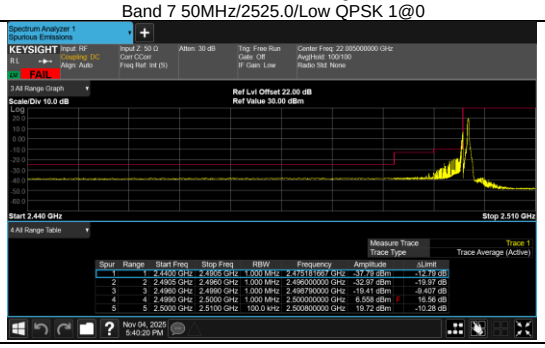


Conducted Band Edge
Band 7 25MHz/2512.5/Low QPSK 128@0

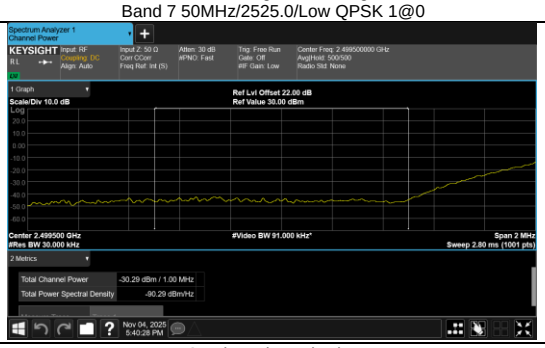


Conducted Band Edge
Band 7 25MHz/2557.5/High BPSK 1@132

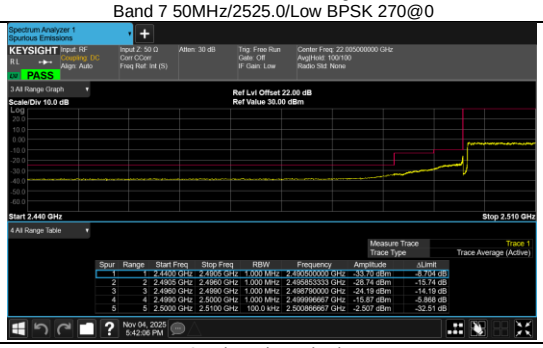


Conducted Band Edge CHP Range2 PASS Band 7 25MHz/2557.5/High BPSK 1@132	Conducted Band Edge Band 7 25MHz/2557.5/High QPSK 1@132
	
Conducted Band Edge CHP Range2 PASS Band 7 25MHz/2557.5/High QPSK 1@132	Conducted Band Edge Band 7 25MHz/2557.5/High BPSK 128@0
	
Conducted Band Edge Band 7 25MHz/2557.5/High QPSK 128@0	Conducted Band Edge Band 7 50MHz/2525.0/Low BPSK 1@0
	
Conducted Band Edge CHP Range4 PASS Band 7 50MHz/2525.0/Low BPSK 1@0	Conducted Band Edge Band 7 50MHz/2525.0/Low QPSK 1@0
	

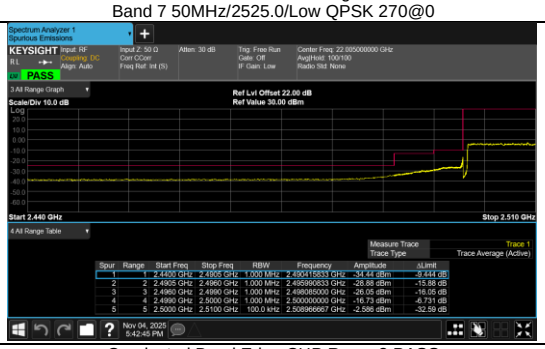
Conducted Band Edge CHP Range4 PASS
Band 7 50MHz/2525.0/Low QPSK 1@0



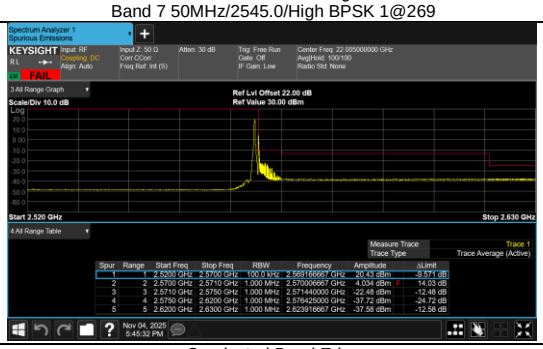
Conducted Band Edge
Band 7 50MHz/2525.0/Low BPSK 270@0



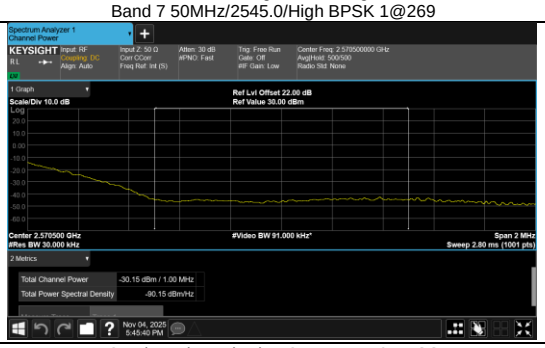
Conducted Band Edge
Band 7 50MHz/2525.0/Low QPSK 270@0



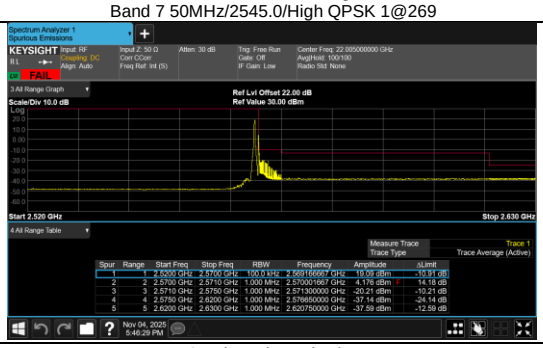
Conducted Band Edge
Band 7 50MHz/2545.0/High BPSK 1@269



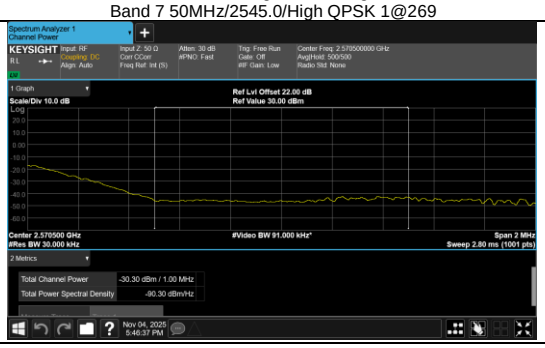
Conducted Band Edge CHP Range2 PASS
Band 7 50MHz/2545.0/High BPSK 1@269



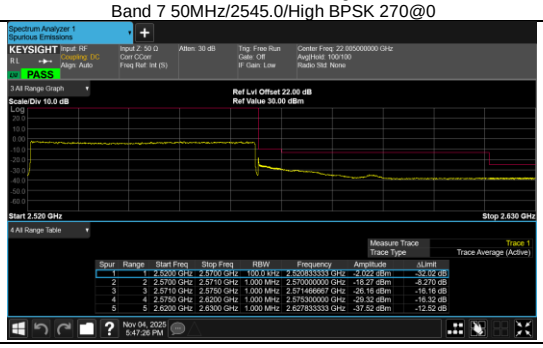
Conducted Band Edge
Band 7 50MHz/2545.0/High QPSK 1@269



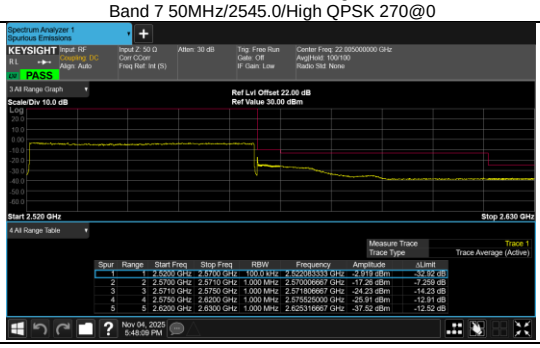
Conducted Band Edge CHP Range2 PASS
Band 7 50MHz/2545.0/High QPSK 1@269



Conducted Band Edge
Band 7 50MHz/2545.0/High BPSK 270@0



Conducted Band Edge
Band 7 50MHz/2545.0/High QPSK 270@0



FR1 N7 UL MIMO_ANT2+ANT1

Transmitter Conducted Output Power And EIRP, (G_T - L_C)=-1.6dB

NR Band	SCS	Band Width	Arfcn	Freq (MHz)	Modulation	RB	ANT2 power	ANT1 power	Conducted Power	EIRP power(db)	EIRP power(W)
7	15	5	500500	2502.5	DFT-s-OFDM PI/2 BPSK	1@1	23.63	22.31	26.03	24.43	0.2773
7	15	5	500500	2502.5	DFT-s-OFDM PI/2 BPSK	25@0	22.92	21.93	25.46	23.86	0.2434
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	1@1	22.63	22.48	25.57	23.97	0.2492
7	15	5	500500	2502.5	DFT-s-OFDM 16 QAM	1@1	21.71	21.43	24.58	22.98	0.1987
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	25@0	22.42	21.45	24.97	23.37	0.2174
7	15	5	500500	2502.5	DFT-s-OFDM 16 QAM	25@0	21.45	20.37	23.95	22.35	0.1719
7	15	5	500500	2502.5	DFT-s-OFDM 64 QAM	25@0	20.00	20.06	23.04	21.44	0.1393
7	15	5	500500	2502.5	DFT-s-OFDM 256 QAM	25@0	18.86	17.83	21.39	19.79	0.0952
7	15	5	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.47	23.56	26.53	24.93	0.3109
7	15	5	507000	2535	DFT-s-OFDM PI/2 BPSK	25@0	22.99	23.20	26.11	24.51	0.2823
7	15	5	507000	2535	DFT-s-OFDM QPSK	1@1	23.16	23.83	26.52	24.92	0.3103
7	15	5	507000	2535	DFT-s-OFDM 16 QAM	1@1	22.42	22.77	25.61	24.01	0.2517
7	15	5	507000	2535	DFT-s-OFDM QPSK	25@0	22.49	22.67	25.59	23.99	0.2507
7	15	5	507000	2535	DFT-s-OFDM 16 QAM	25@0	21.43	21.62	24.54	22.94	0.1966
7	15	5	507000	2535	DFT-s-OFDM 64 QAM	25@0	21.03	21.24	24.15	22.55	0.1797
7	15	5	507000	2535	DFT-s-OFDM 256 QAM	25@0	18.87	19.06	21.98	20.38	0.1091
7	15	5	513500	2567.5	DFT-s-OFDM PI/2 BPSK	1@1	23.39	23.57	26.49	24.89	0.3084
7	15	5	513500	2567.5	DFT-s-OFDM PI/2 BPSK	25@0	21.88	23.24	25.62	24.02	0.2525
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	1@1	23.32	23.72	26.53	24.93	0.3115
7	15	5	513500	2567.5	DFT-s-OFDM 16 QAM	1@1	22.35	22.86	25.62	24.02	0.2525
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	25@0	22.38	22.71	25.56	23.96	0.2488
7	15	5	513500	2567.5	DFT-s-OFDM 16 QAM	25@0	21.37	21.70	24.55	22.95	0.1972
7	15	5	513500	2567.5	DFT-s-OFDM 64 QAM	25@0	21.33	21.26	24.31	22.71	0.1864
7	15	5	513500	2567.5	DFT-s-OFDM 256 QAM	25@0	18.78	19.09	21.95	20.35	0.1083
7	15	10	501000	2505	DFT-s-OFDM PI/2 BPSK	1@1	23.60	22.45	26.07	24.47	0.2801
7	15	10	501000	2505	DFT-s-OFDM PI/2 BPSK	50@0	20.55	22.05	24.37	22.77	0.1894

7	15	10	501000	2505	DFT-s-OFDM QPSK	1@1	22.76	22.56	25.67	24.07	0.2554
7	15	10	501000	2505	DFT-s-OFDM 16 QAM	1@1	22.09	21.59	24.86	23.26	0.2117
7	15	10	501000	2505	DFT-s-OFDM QPSK	50@0	22.35	21.50	24.96	23.36	0.2166
7	15	10	501000	2505	DFT-s-OFDM 16 QAM	50@0	20.55	20.51	23.54	21.94	0.1563
7	15	10	501000	2505	DFT-s-OFDM 64 QAM	50@0	20.86	20.04	23.48	21.88	0.1542
7	15	10	501000	2505	DFT-s-OFDM 256 QAM	50@0	18.68	17.91	21.32	19.72	0.0938
7	15	10	507000	2505	DFT-s-OFDM PI/2 BPSK	1@1	23.70	22.45	26.13	24.53	0.2838
7	15	10	507000	2535	DFT-s-OFDM PI/2 BPSK	50@0	23.02	23.11	26.08	24.48	0.2803
7	15	10	507000	2535	DFT-s-OFDM QPSK	1@1	22.83	23.61	26.25	24.65	0.2916
7	15	10	507000	2535	DFT-s-OFDM 16 QAM	1@1	22.21	22.66	25.45	23.85	0.2427
7	15	10	507000	2535	DFT-s-OFDM QPSK	50@0	22.48	22.58	25.54	23.94	0.2478
7	15	10	507000	2535	DFT-s-OFDM 16 QAM	50@0	21.43	21.64	24.55	22.95	0.1971
7	15	10	507000	2535	DFT-s-OFDM 64 QAM	50@0	20.98	21.23	24.12	22.52	0.1785
7	15	10	507000	2535	DFT-s-OFDM 256 QAM	50@0	18.79	19.02	21.92	20.32	0.1076
7	15	10	513000	2565	DFT-s-OFDM PI/2 BPSK	1@1	23.34	23.75	26.56	24.96	0.3133
7	15	10	513000	2565	DFT-s-OFDM PI/2 BPSK	50@0	22.86	23.21	26.05	24.45	0.2785
7	15	10	513000	2565	DFT-s-OFDM QPSK	1@1	23.36	23.78	26.59	24.99	0.3152
7	15	10	513000	2565	DFT-s-OFDM 16 QAM	1@1	15.28	22.77	23.48	21.88	0.1543
7	15	10	513000	2565	DFT-s-OFDM QPSK	50@0	22.30	22.65	25.49	23.89	0.2448
7	15	10	513000	2565	DFT-s-OFDM 16 QAM	50@0	21.26	21.67	24.48	22.88	0.1941
7	15	10	513000	2565	DFT-s-OFDM 64 QAM	50@0	20.87	21.22	24.06	22.46	0.1761
7	15	10	513000	2565	DFT-s-OFDM 256 QAM	50@0	18.76	19.05	21.92	20.32	0.1076
7	15	15	501500	2507.5	DFT-s-OFDM PI/2 BPSK	1@1	23.44	22.48	26.00	24.40	0.2752
7	15	15	501500	2507.5	DFT-s-OFDM PI/2 BPSK	75@0	22.78	22.08	25.45	23.85	0.2429
7	15	15	501500	2507.5	DFT-s-OFDM QPSK	1@1	22.71	22.60	25.67	24.07	0.2550
7	15	15	501500	2507.5	DFT-s-OFDM 16 QAM	1@1	20.46	20.32	23.40	21.80	0.1514
7	15	15	501500	2507.5	DFT-s-OFDM QPSK	75@0	22.19	21.58	24.91	23.31	0.2141
7	15	15	501500	2507.5	DFT-s-OFDM 16 QAM	75@0	21.13	20.61	23.89	22.29	0.1694
7	15	15	501500	2507.5	DFT-s-OFDM 64 QAM	75@0	20.67	20.17	23.44	21.84	0.1527
7	15	15	501500	2507.5	DFT-s-OFDM 256 QAM	75@0	18.60	18.00	21.32	19.72	0.0938
7	15	15	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.53	23.42	26.49	24.89	0.3080
7	15	15	507000	2535	DFT-s-OFDM PI/2	75@0	22.98	23.12	26.06	24.46	0.2793

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7	15	15	507000	2535	DFT-s-OFDM QPSK	1@1	22.73	23.55	26.17	24.57	0.2864
7	15	15	507000	2535	DFT-s-OFDM 16 QAM	1@1	22.64	22.32	25.49	23.89	0.2451
7	15	15	507000	2535	DFT-s-OFDM QPSK	75@0	22.45	22.54	25.51	23.91	0.2458
7	15	15	507000	2535	DFT-s-OFDM 16 QAM	75@0	21.35	21.55	24.46	22.86	0.1933
7	15	15	507000	2535	DFT-s-OFDM 64 QAM	75@0	20.91	21.16	24.05	22.45	0.1757
7	15	15	507000	2535	DFT-s-OFDM 256 QAM	75@0	18.76	19.03	21.91	20.31	0.1073
7	15	15	512500	2562.5	DFT-s-OFDM PI/2 BPSK	1@1	23.27	23.67	26.48	24.88	0.3080
7	15	15	512500	2562.5	DFT-s-OFDM PI/2 BPSK	75@0	23.52	23.12	26.33	24.73	0.2975
7	15	15	512500	2562.5	DFT-s-OFDM QPSK	1@1	23.30	23.78	26.56	24.96	0.3131
7	15	15	512500	2562.5	DFT-s-OFDM 16 QAM	1@1	22.97	22.77	25.88	24.28	0.2680
7	15	15	512500	2562.5	DFT-s-OFDM QPSK	75@0	22.33	22.64	25.50	23.90	0.2454
7	15	15	512500	2562.5	DFT-s-OFDM 16 QAM	75@0	21.23	21.60	24.43	22.83	0.1918
7	15	15	512500	2562.5	DFT-s-OFDM 64 QAM	75@0	21.47	21.17	24.33	22.73	0.1876
7	15	15	512500	2562.5	DFT-s-OFDM 256 QAM	75@0	18.69	18.99	21.85	20.25	0.1060
7	15	20	502000	2510	DFT-s-OFDM PI/2 BPSK	1@1	23.62	22.43	26.08	24.48	0.2803
7	15	20	502000	2510	DFT-s-OFDM PI/2 BPSK	100@0	22.79	22.26	25.54	23.94	0.2479
7	15	20	502000	2510	DFT-s-OFDM QPSK	1@1	22.69	22.59	25.65	24.05	0.2541
7	15	20	502000	2510	DFT-s-OFDM 16 QAM	1@1	21.88	21.57	24.74	23.14	0.2060
7	15	20	502000	2510	DFT-s-OFDM QPSK	100@0	22.28	21.77	25.04	23.44	0.2209
7	15	20	502000	2510	DFT-s-OFDM 16 QAM	100@0	21.22	20.68	23.97	22.37	0.1725
7	15	20	502000	2510	DFT-s-OFDM 64 QAM	100@0	20.60	20.14	23.39	21.79	0.1509
7	15	20	502000	2510	DFT-s-OFDM 256 QAM	100@0	18.60	18.11	21.37	19.77	0.0949
7	15	20	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.40	23.24	26.33	24.73	0.2972
7	15	20	507000	2535	DFT-s-OFDM PI/2 BPSK	100@0	22.94	23.13	26.05	24.45	0.2784
7	15	20	507000	2535	DFT-s-OFDM QPSK	1@1	22.72	23.29	26.02	24.42	0.2770
7	15	20	507000	2535	DFT-s-OFDM 16 QAM	1@1	22.11	22.36	25.25	23.65	0.2316
7	15	20	507000	2535	DFT-s-OFDM QPSK	100@0	22.41	22.64	25.54	23.94	0.2476
7	15	20	507000	2535	DFT-s-OFDM 16 QAM	100@0	21.38	21.58	24.49	22.89	0.1946
7	15	20	507000	2535	DFT-s-OFDM 64 QAM	100@0	20.87	20.97	23.93	22.33	0.1710
7	15	20	507000	2535	DFT-s-OFDM 256 QAM	100@0	18.80	18.96	21.89	20.29	0.1069
7	15	20	512000	2560	DFT-s-OFDM PI/2 BPSK	1@1	23.25	23.66	26.47	24.87	0.3069

7	15	20	512000	2560	DFT-s-OFDM PI/2 BPSK	100@0	22.67	23.24	25.97	24.37	0.2738
7	15	20	512000	2560	DFT-s-OFDM QPSK	1@1	23.35	23.80	26.59	24.99	0.3156
7	15	20	512000	2560	DFT-s-OFDM 16 QAM	1@1	21.33	22.77	25.12	23.52	0.2249
7	15	20	512000	2560	DFT-s-OFDM QPSK	100@0	22.87	22.69	25.79	24.19	0.2625
7	15	20	512000	2560	DFT-s-OFDM 16 QAM	100@0	21.30	21.65	24.49	22.89	0.1945
7	15	20	512000	2560	DFT-s-OFDM 64 QAM	100@0	20.34	20.47	23.42	21.82	0.1519
7	15	20	512000	2560	DFT-s-OFDM 256 QAM	100@0	18.87	19.07	21.98	20.38	0.1092
7	15	25	502500	2512.5	DFT-s-OFDM PI/2 BPSK	1@1	23.54	22.46	26.04	24.44	0.2782
7	15	25	502500	2512.5	DFT-s-OFDM PI/2 BPSK	128@0	22.60	22.20	25.41	23.81	0.2407
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	1@1	23.19	22.61	25.92	24.32	0.2704
7	15	25	502500	2512.5	DFT-s-OFDM 16 QAM	1@1	22.29	21.51	24.93	23.33	0.2152
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	128@0	22.13	21.66	24.91	23.31	0.2144
7	15	25	502500	2512.5	DFT-s-OFDM 16 QAM	128@0	21.06	20.70	23.89	22.29	0.1696
7	15	25	502500	2512.5	DFT-s-OFDM 64 QAM	128@0	20.57	20.21	23.40	21.80	0.1515
7	15	25	502500	2512.5	DFT-s-OFDM 256 QAM	128@0	18.60	18.12	21.38	19.78	0.0950
7	15	25	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.16	23.16	26.17	24.57	0.2864
7	15	25	507000	2535	DFT-s-OFDM PI/2 BPSK	128@0	22.84	22.99	25.93	24.33	0.2708
7	15	25	507000	2535	DFT-s-OFDM QPSK	1@1	23.49	23.25	26.38	24.78	0.3007
7	15	25	507000	2535	DFT-s-OFDM 16 QAM	1@1	22.45	22.27	25.37	23.77	0.2383
7	15	25	507000	2535	DFT-s-OFDM QPSK	128@0	22.35	22.47	25.42	23.82	0.2410
7	15	25	507000	2535	DFT-s-OFDM 16 QAM	128@0	21.32	21.49	24.42	22.82	0.1913
7	15	25	507000	2535	DFT-s-OFDM 64 QAM	128@0	20.82	20.99	23.92	22.32	0.1705
7	15	25	507000	2535	DFT-s-OFDM 256 QAM	128@0	18.81	18.90	21.87	20.27	0.1063
7	15	25	511500	2557.5	DFT-s-OFDM PI/2 BPSK	1@1	23.35	23.74	26.56	24.96	0.3133
7	15	25	511500	2557.5	DFT-s-OFDM PI/2 BPSK	128@0	23.34	23.09	26.23	24.63	0.2902
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	1@1	23.50	23.74	26.63	25.03	0.3186
7	15	25	511500	2557.5	DFT-s-OFDM 16 QAM	1@1	22.30	22.76	25.55	23.95	0.2481
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	128@0	21.22	22.60	24.97	23.37	0.2175
7	15	25	511500	2557.5	DFT-s-OFDM 16 QAM	128@0	21.25	21.64	24.46	22.86	0.1932
7	15	25	511500	2557.5	DFT-s-OFDM 64 QAM	128@0	20.79	21.14	23.98	22.38	0.1729
7	15	25	511500	2557.5	DFT-s-OFDM 256 QAM	128@0	18.71	19.08	21.91	20.31	0.1074
7	15	30	503000	2515	DFT-s-OFDM PI/2	1@1	23.41	22.47	25.98	24.38	0.2739

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7	15	30	503000	2515	DFT-s-OFDM PI/2 BPSK	160@0	22.69	22.41	25.56	23.96	0.2490
7	15	30	503000	2515	DFT-s-OFDM QPSK	1@1	23.31	22.61	25.98	24.38	0.2744
7	15	30	503000	2515	DFT-s-OFDM 16 QAM	1@1	22.44	21.56	25.03	23.43	0.2204
7	15	30	503000	2515	DFT-s-OFDM QPSK	160@0	22.22	21.85	25.05	23.45	0.2213
7	15	30	503000	2515	DFT-s-OFDM 16 QAM	160@0	21.18	20.89	24.05	22.45	0.1757
7	15	30	503000	2515	DFT-s-OFDM 64 QAM	160@0	20.58	20.30	23.45	21.85	0.1532
7	15	30	503000	2515	DFT-s-OFDM 256 QAM	160@0	18.62	18.23	21.44	19.84	0.0964
7	15	30	507000	2515	DFT-s-OFDM PI/2 BPSK	1@1	23.63	22.41	26.07	24.47	0.2801
7	15	30	507000	2535	DFT-s-OFDM PI/2 BPSK	160@0	22.91	22.96	25.95	24.35	0.2720
7	15	30	507000	2535	DFT-s-OFDM QPSK	1@1	23.24	23.17	26.22	24.62	0.2894
7	15	30	507000	2535	DFT-s-OFDM 16 QAM	1@1	22.29	22.12	25.22	23.62	0.2299
7	15	30	507000	2535	DFT-s-OFDM QPSK	160@0	22.31	22.48	25.41	23.81	0.2402
7	15	30	507000	2535	DFT-s-OFDM 16 QAM	160@0	20.35	21.44	23.94	22.34	0.1714
7	15	30	507000	2535	DFT-s-OFDM 64 QAM	160@0	20.76	20.93	23.86	22.26	0.1681
7	15	30	507000	2535	DFT-s-OFDM 256 QAM	160@0	18.84	18.88	21.87	20.27	0.1064
7	15	30	511000	2555	DFT-s-OFDM PI/2 BPSK	1@1	23.41	23.71	26.57	24.97	0.3143
7	15	30	511000	2555	DFT-s-OFDM PI/2 BPSK	160@0	22.81	23.15	25.99	24.39	0.2750
7	15	30	511000	2555	DFT-s-OFDM QPSK	1@1	23.38	23.84	26.63	25.03	0.3182
7	15	30	511000	2555	DFT-s-OFDM 16 QAM	1@1	22.56	22.78	25.68	24.08	0.2560
7	15	30	511000	2555	DFT-s-OFDM QPSK	160@0	22.29	22.61	25.46	23.86	0.2434
7	15	30	511000	2555	DFT-s-OFDM 16 QAM	160@0	19.11	21.63	23.56	21.96	0.1571
7	15	30	511000	2555	DFT-s-OFDM 64 QAM	160@0	20.77	21.15	23.97	22.37	0.1728
7	15	30	511000	2555	DFT-s-OFDM 256 QAM	160@0	18.75	19.04	21.91	20.31	0.1073
7	15	35	503500	2517.5	DFT-s-OFDM PI/2 BPSK	1@1	23.45	22.20	25.88	24.28	0.2679
7	15	35	503500	2517.5	DFT-s-OFDM PI/2 BPSK	180@0	22.46	22.37	25.43	23.83	0.2413
7	15	35	503500	2517.5	DFT-s-OFDM QPSK	1@1	23.20	22.29	25.78	24.18	0.2618
7	15	35	503500	2517.5	DFT-s-OFDM 16 QAM	1@1	22.41	21.48	24.98	23.38	0.2178
7	15	35	503500	2517.5	DFT-s-OFDM QPSK	180@0	22.19	21.92	25.07	23.47	0.2222
7	15	35	503500	2517.5	DFT-s-OFDM 16 QAM	180@0	21.23	20.85	24.05	22.45	0.1760
7	15	35	503500	2517.5	DFT-s-OFDM 64 QAM	180@0	19.65	20.35	23.02	21.42	0.1388
7	15	35	503500	2517.5	DFT-s-OFDM 256 QAM	180@0	18.64	18.34	21.50	19.90	0.0978

7	15	35	507000	2517.5	DFT-s-OFDM PI/2 BPSK	1@1	23.40	22.24	25.87	24.27	0.2672
7	15	35	507000	2535	DFT-s-OFDM PI/2 BPSK	180@0	22.86	22.95	25.92	24.32	0.2701
7	15	35	507000	2535	DFT-s-OFDM QPSK	1@1	23.12	22.91	26.03	24.43	0.2771
7	15	35	507000	2535	DFT-s-OFDM 16 QAM	1@1	22.16	21.92	25.05	23.45	0.2214
7	15	35	507000	2535	DFT-s-OFDM QPSK	180@0	22.34	22.45	25.41	23.81	0.2402
7	15	35	507000	2535	DFT-s-OFDM 16 QAM	180@0	21.31	21.43	24.38	22.78	0.1897
7	15	35	507000	2535	DFT-s-OFDM 64 QAM	180@0	20.81	20.93	23.88	22.28	0.1691
7	15	35	507000	2535	DFT-s-OFDM 256 QAM	180@0	18.71	18.93	21.83	20.23	0.1055
7	15	35	501500	2552.5	DFT-s-OFDM PI/2 BPSK	1@1	23.43	23.52	26.49	24.89	0.3080
7	15	35	501500	2552.5	DFT-s-OFDM PI/2 BPSK	180@0	23.42	23.10	26.27	24.67	0.2933
7	15	35	501500	2552.5	DFT-s-OFDM QPSK	1@1	23.30	23.61	26.47	24.87	0.3068
7	15	35	501500	2552.5	DFT-s-OFDM 16 QAM	1@1	22.98	22.71	25.86	24.26	0.2665
7	15	35	501500	2552.5	DFT-s-OFDM QPSK	180@0	22.26	22.62	25.45	23.85	0.2429
7	15	35	501500	2552.5	DFT-s-OFDM 16 QAM	180@0	21.32	21.58	24.46	22.86	0.1933
7	15	35	501500	2552.5	DFT-s-OFDM 64 QAM	180@0	20.73	21.11	23.93	22.33	0.1712
7	15	35	501500	2552.5	DFT-s-OFDM 256 QAM	180@0	18.82	19.05	21.95	20.35	0.1083
7	15	40	504000	2520	DFT-s-OFDM PI/2 BPSK	1@1	23.53	22.35	25.99	24.39	0.2748
7	15	40	504000	2520	DFT-s-OFDM PI/2 BPSK	216@0	22.72	22.59	25.67	24.07	0.2550
7	15	40	504000	2520	DFT-s-OFDM QPSK	1@1	23.11	22.49	25.82	24.22	0.2643
7	15	40	504000	2520	DFT-s-OFDM 16 QAM	1@1	22.26	21.44	24.88	23.28	0.2128
7	15	40	504000	2520	DFT-s-OFDM QPSK	216@0	22.22	22.19	25.22	23.62	0.2299
7	15	40	504000	2520	DFT-s-OFDM 16 QAM	216@0	21.23	21.05	24.15	22.55	0.1799
7	15	40	504000	2520	DFT-s-OFDM 64 QAM	216@0	20.68	20.56	23.63	22.03	0.1596
7	15	40	504000	2520	DFT-s-OFDM 256 QAM	216@0	18.64	18.51	21.59	19.99	0.0997
7	15	40	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.04	22.75	25.91	24.31	0.2696
7	15	40	507000	2535	DFT-s-OFDM PI/2 BPSK	216@0	22.74	22.97	25.87	24.27	0.2671
7	15	40	507000	2535	DFT-s-OFDM QPSK	1@1	23.15	22.91	26.04	24.44	0.2781
7	15	40	507000	2535	DFT-s-OFDM 16 QAM	1@1	22.09	21.97	25.04	23.44	0.2208
7	15	40	507000	2535	DFT-s-OFDM QPSK	216@0	22.33	22.44	25.40	23.80	0.2396
7	15	40	507000	2535	DFT-s-OFDM 16 QAM	216@0	21.25	21.39	24.33	22.73	0.1875
7	15	40	507000	2535	DFT-s-OFDM 64 QAM	216@0	20.66	20.92	23.80	22.20	0.1660
7	15	40	507000	2535	DFT-s-OFDM 256	216@0	18.75	18.82	21.80	20.20	0.1046

					QAM						
7	15	40	510000	2550	DFT-s-OFDM PI/2 BPSK	1@1	23.53	23.48	26.52	24.92	0.3101
7	15	40	510000	2550	DFT-s-OFDM PI/2 BPSK	216@0	22.74	23.26	26.02	24.42	0.2766
7	15	40	510000	2550	DFT-s-OFDM QPSK	1@1	23.10	23.65	26.39	24.79	0.3016
7	15	40	510000	2550	DFT-s-OFDM 16 QAM	1@1	22.31	22.65	25.49	23.89	0.2451
7	15	40	510000	2550	DFT-s-OFDM QPSK	216@0	22.30	22.68	25.50	23.90	0.2457
7	15	40	510000	2550	DFT-s-OFDM 16 QAM	216@0	21.27	21.62	24.46	22.86	0.1931
7	15	40	510000	2550	DFT-s-OFDM 64 QAM	216@0	20.76	21.12	23.95	22.35	0.1720
7	15	40	510000	2550	DFT-s-OFDM 256 QAM	216@0	18.73	19.06	21.91	20.31	0.1074
7	15	50	505000	2525	DFT-s-OFDM PI/2 BPSK	1@1	23.64	22.46	26.10	24.50	0.2819
7	15	50	505000	2525	DFT-s-OFDM PI/2 BPSK	1@0	23.05	21.90	25.52	23.92	0.2468
7	15	50	505000	2525	DFT-s-OFDM PI/2 BPSK	1@268	23.58	23.86	26.73	25.13	0.3260
7	15	50	505000	2525	DFT-s-OFDM PI/2 BPSK	2@0	22.92	21.94	25.47	23.87	0.2437
7	15	50	505000	2525	DFT-s-OFDM PI/2 BPSK	135@67	22.80	22.33	25.58	23.98	0.2501
7	15	50	505000	2525	DFT-s-OFDM PI/2 BPSK	2@268	22.91	23.30	26.12	24.52	0.2831
7	15	50	505000	2525	DFT-s-OFDM PI/2 BPSK	270@0	22.98	22.82	25.91	24.31	0.2698
7	15	50	505000	2525	DFT-s-OFDM QPSK	1@1	22.70	22.68	25.70	24.10	0.2571
7	15	50	505000	2525	DFT-s-OFDM QPSK	1@0	21.19	21.52	24.37	22.77	0.1892
7	15	50	505000	2525	DFT-s-OFDM QPSK	1@268	23.47	23.35	26.42	24.82	0.3034
7	15	50	505000	2525	DFT-s-OFDM QPSK	2@0	22.09	21.48	24.81	23.21	0.2092
7	15	50	505000	2525	DFT-s-OFDM QPSK	135@67	23.52	23.05	26.30	24.70	0.2952
7	15	50	505000	2525	DFT-s-OFDM QPSK	2@268	22.46	22.54	25.51	23.91	0.2461
7	15	50	505000	2525	DFT-s-OFDM 16 QAM	1@1	22.03	21.61	24.84	23.24	0.2106
7	15	50	505000	2525	DFT-s-OFDM 64 QAM	1@1	20.37	20.12	23.26	21.66	0.1465
7	15	50	505000	2525	DFT-s-OFDM 256 QAM	1@1	17.94	17.56	20.76	19.16	0.0825
7	15	50	505000	2525	DFT-s-OFDM QPSK	270@0	22.44	22.37	25.42	23.82	0.2407
7	15	50	505000	2525	DFT-s-OFDM 16 QAM	270@0	21.46	21.37	24.43	22.83	0.1917
7	15	50	505000	2525	DFT-s-OFDM 64 QAM	270@0	20.79	20.78	23.80	22.20	0.1658
7	15	50	505000	2525	DFT-s-OFDM 256 QAM	270@0	18.80	18.77	21.80	20.20	0.1046
7	15	50	505000	2525	CP-OFDM QPSK	1@1	21.33	21.23	24.29	22.69	0.1858
7	15	50	505000	2525	CP-OFDM 16 QAM	1@1	20.69	20.66	23.69	22.09	0.1616
7	15	50	505000	2525	CP-OFDM 64 QAM	1@1	20.47	19.30	22.93	21.33	0.1360

7	15	50	507000	2535	DFT-s-OFDM PI/2 BPSK	1@1	23.33	22.78	26.07	24.47	0.2802
7	15	50	507000	2535	DFT-s-OFDM PI/2 BPSK	1@0	23.03	22.28	25.68	24.08	0.2559
7	15	50	507000	2535	DFT-s-OFDM PI/2 BPSK	1@268	23.40	23.85	26.64	25.04	0.3192
7	15	50	507000	2535	DFT-s-OFDM PI/2 BPSK	2@0	22.91	22.24	25.60	24.00	0.2511
7	15	50	507000	2535	DFT-s-OFDM PI/2 BPSK	135@67	22.87	22.80	25.85	24.25	0.2658
7	15	50	507000	2535	DFT-s-OFDM PI/2 BPSK	2@268	22.82	23.24	26.05	24.45	0.2783
7	15	50	507000	2535	DFT-s-OFDM PI/2 BPSK	270@0	22.88	23.02	25.96	24.36	0.2730
7	15	50	507000	2535	DFT-s-OFDM QPSK	1@1	22.83	22.88	25.87	24.27	0.2670
7	15	50	507000	2535	DFT-s-OFDM QPSK	1@0	21.46	21.71	24.60	23.00	0.1994
7	15	50	507000	2535	DFT-s-OFDM QPSK	1@268	23.38	23.84	26.63	25.03	0.3182
7	15	50	507000	2535	DFT-s-OFDM QPSK	2@0	21.48	21.73	24.62	23.02	0.2003
7	15	50	507000	2535	DFT-s-OFDM QPSK	135@67	23.51	23.74	26.64	25.04	0.3189
7	15	50	507000	2535	DFT-s-OFDM QPSK	2@268	22.32	22.73	25.54	23.94	0.2477
7	15	50	507000	2535	DFT-s-OFDM 16 QAM	1@1	22.00	21.86	24.94	23.34	0.2158
7	15	50	507000	2535	DFT-s-OFDM 64 QAM	1@1	20.40	20.32	23.37	21.77	0.1503
7	15	50	507000	2535	DFT-s-OFDM 256 QAM	1@1	18.41	17.88	21.16	19.56	0.0904
7	15	50	507000	2535	DFT-s-OFDM QPSK	270@0	22.46	22.52	25.50	23.90	0.2455
7	15	50	507000	2535	DFT-s-OFDM 16 QAM	270@0	21.42	21.47	24.46	22.86	0.1930
7	15	50	507000	2535	DFT-s-OFDM 64 QAM	270@0	20.82	20.98	23.91	22.31	0.1703
7	15	50	507000	2535	DFT-s-OFDM 256 QAM	270@0	18.88	18.84	21.87	20.27	0.1064
7	15	50	507000	2535	CP-OFDM QPSK	1@1	21.56	21.51	24.55	22.95	0.1970
7	15	50	507000	2535	CP-OFDM 16 QAM	1@1	20.83	20.87	23.86	22.26	0.1683
7	15	50	507000	2535	CP-OFDM 64 QAM	1@1	20.07	19.57	22.84	21.24	0.1330
7	15	50	509000	2545	DFT-s-OFDM PI/2 BPSK	1@1	23.17	23.23	26.21	24.61	0.2891
7	15	50	509000	2545	DFT-s-OFDM PI/2 BPSK	1@0	22.85	22.61	25.74	24.14	0.2595
7	15	50	509000	2545	DFT-s-OFDM PI/2 BPSK	1@268	23.65	23.86	26.77	25.17	0.3286
7	15	50	509000	2545	DFT-s-OFDM PI/2 BPSK	2@0	22.76	22.67	25.73	24.13	0.2586
7	15	50	509000	2545	DFT-s-OFDM PI/2 BPSK	135@67	22.95	23.12	26.05	24.45	0.2784
7	15	50	509000	2545	DFT-s-OFDM PI/2 BPSK	2@268	23.22	23.29	26.27	24.67	0.2928
7	15	50	509000	2545	DFT-s-OFDM PI/2 BPSK	270@0	22.99	23.21	26.11	24.51	0.2826
7	15	50	509000	2545	DFT-s-OFDM QPSK	1@1	23.27	23.24	26.27	24.67	0.2928
7	15	50	509000	2545	DFT-s-OFDM QPSK	1@0	22.17	22.14	25.17	23.57	0.2273

7	15	50	509000	2545	DFT-s-OFDM QPSK	1@268	23.39	24.15	26.80	25.20	0.3309
7	15	50	509000	2545	DFT-s-OFDM QPSK	2@0	22.21	22.23	25.23	23.63	0.2307
7	15	50	509000	2545	DFT-s-OFDM QPSK	135@67	23.50	23.85	26.69	25.09	0.3228
7	15	50	509000	2545	DFT-s-OFDM QPSK	2@268	22.87	22.77	25.83	24.23	0.2649
7	15	50	509000	2545	DFT-s-OFDM 16 QAM	1@1	22.36	22.32	25.35	23.75	0.2372
7	15	50	509000	2545	DFT-s-OFDM 64 QAM	1@1	20.80	20.79	23.81	22.21	0.1662
7	15	50	509000	2545	DFT-s-OFDM 256 QAM	1@1	18.46	18.36	21.42	19.82	0.0960
7	15	50	509000	2545	DFT-s-OFDM QPSK	270@0	22.38	22.71	25.56	23.96	0.2488
7	15	50	509000	2545	DFT-s-OFDM 16 QAM	270@0	21.42	21.77	24.61	23.01	0.1999
7	15	50	509000	2545	DFT-s-OFDM 64 QAM	270@0	20.88	21.23	24.07	22.47	0.1766
7	15	50	509000	2545	DFT-s-OFDM 256 QAM	270@0	18.83	19.07	21.96	20.36	0.1087
7	15	50	509000	2545	CP-OFDM QPSK	1@1	22.03	22.01	25.03	23.43	0.2203
7	15	50	509000	2545	CP-OFDM 16 QAM	1@1	21.41	21.35	24.39	22.79	0.1901
7	15	50	509000	2545	CP-OFDM 64 QAM	1@1	20.16	19.97	23.08	21.48	0.1405

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Frequency Stability

Test Result

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0044	PASS	NV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0039	PASS	LV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0082	PASS	HV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0034	PASS	-30℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0042	PASS	-20℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0032	PASS	-10℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0042	PASS	0℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0064	PASS	10℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0071	PASS	20℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0066	PASS	30℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0034	PASS	40℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0049	PASS	50℃

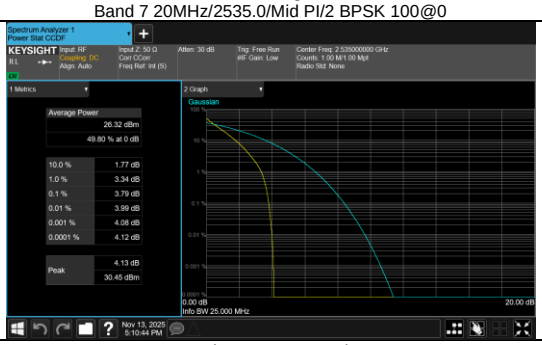
Peak to Average Ratio

Test Result

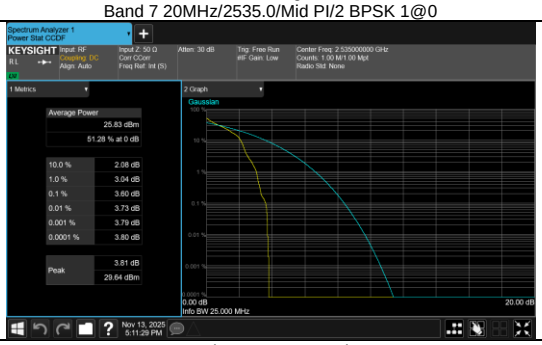
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
7	15	20	507000	2535.0	DFT-s-OFDM PI/2 BPSK	100@0	3.79	13
7	15	20	507000	2535.0	DFT-s-OFDM PI/2 BPSK	1@0	3.6	13
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	5.21	13
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	1@0	5.17	13

Test Graphs

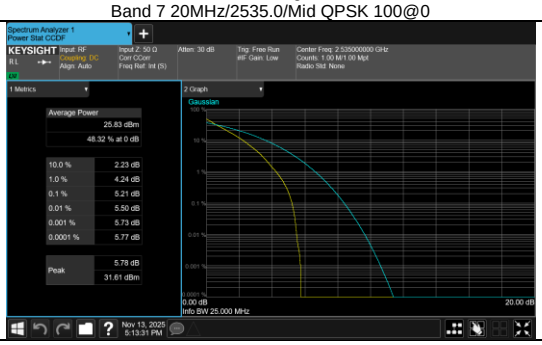
Peak-to-Average-Ratio
Band 7 20MHz/2535.0/Mid PI/2 BPSK 100@0



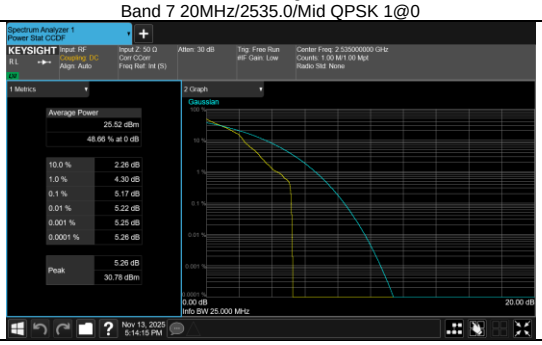
Peak-to-Average-Ratio
Band 7 20MHz/2535.0/Mid PI/2 BPSK 1@0



Peak-to-Average-Ratio
Band 7 20MHz/2535.0/Mid QPSK 100@0



Peak-to-Average-Ratio
Band 7 20MHz/2535.0/Mid QPSK 1@0

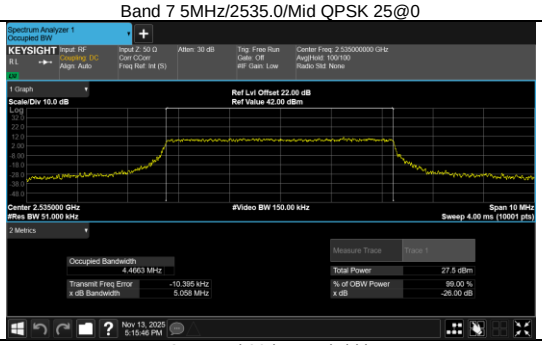
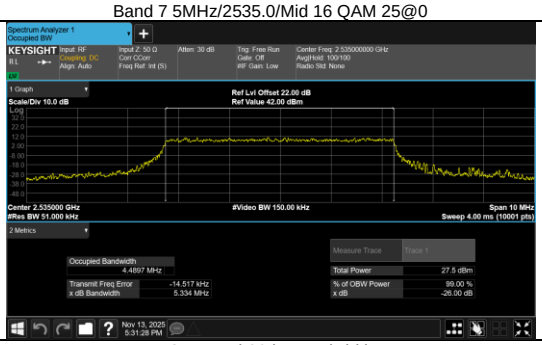
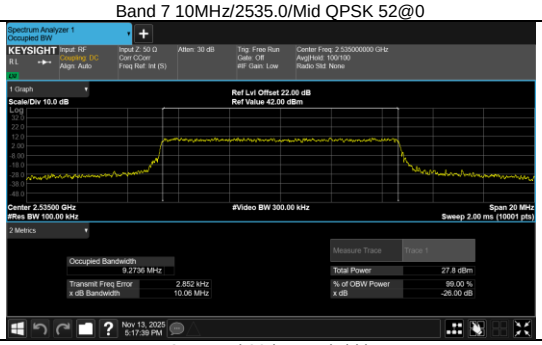
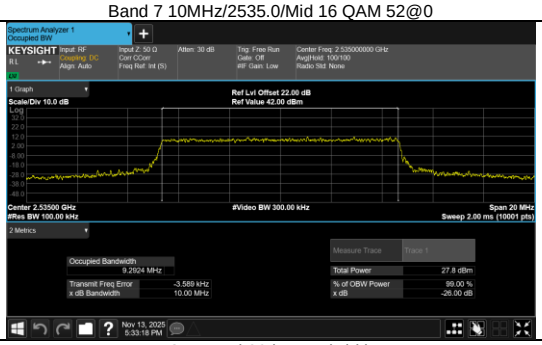
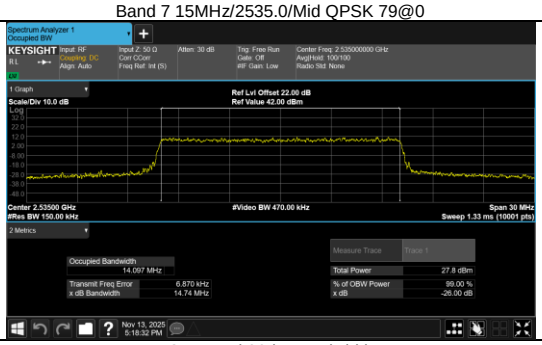
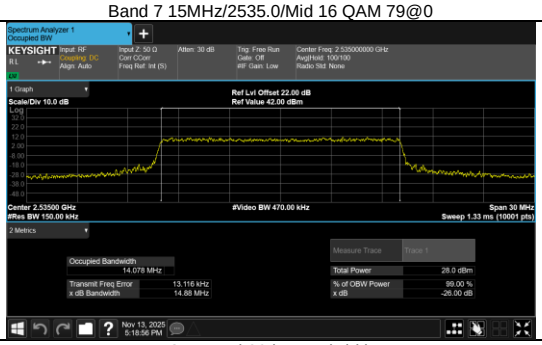
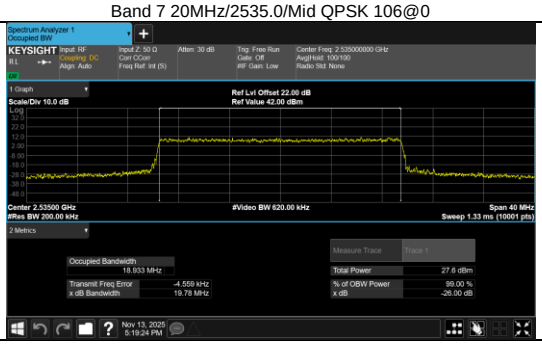
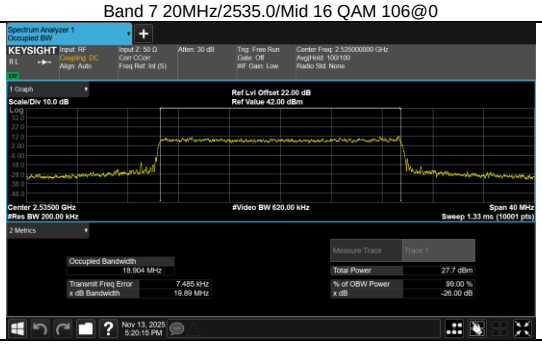


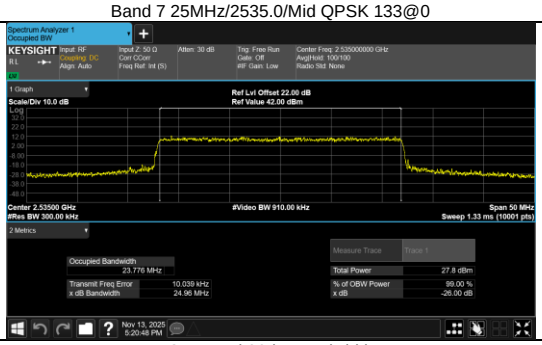
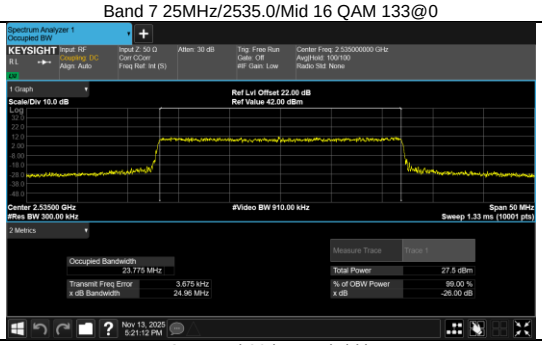
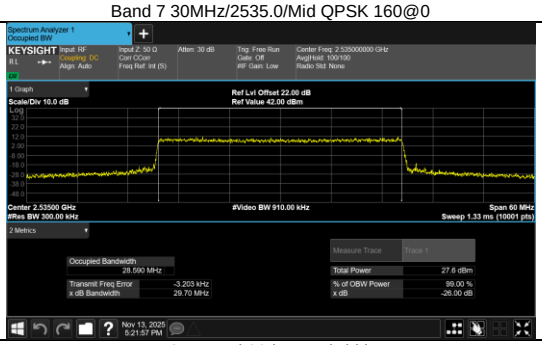
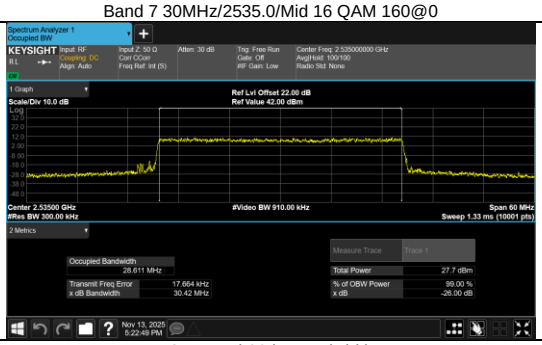
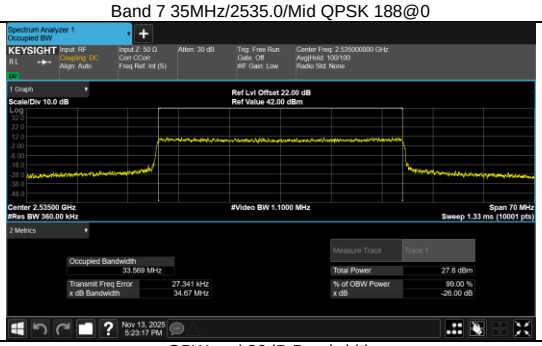
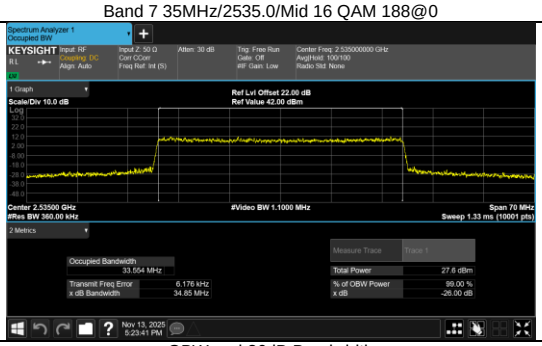
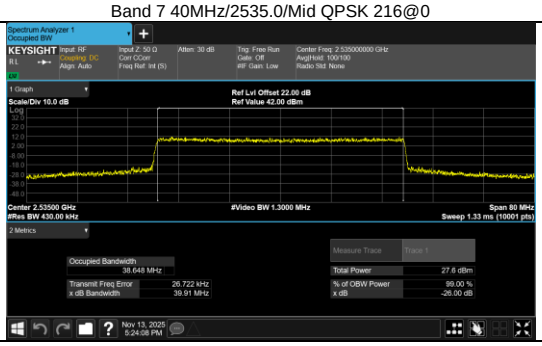
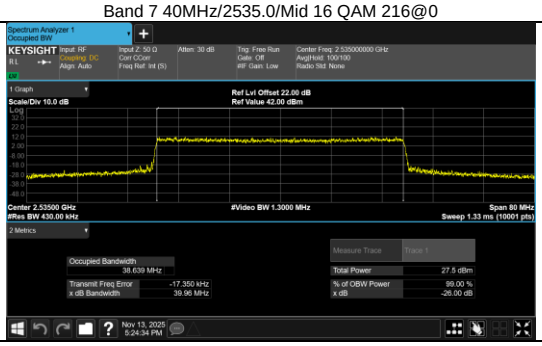
Occupied Bandwidth

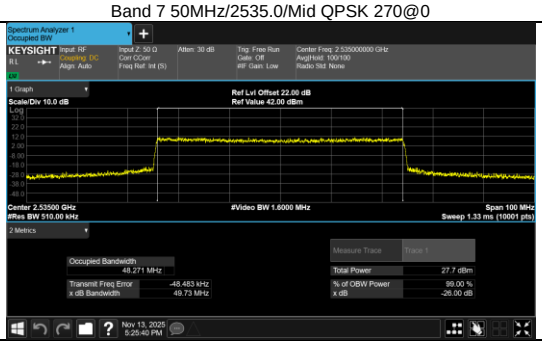
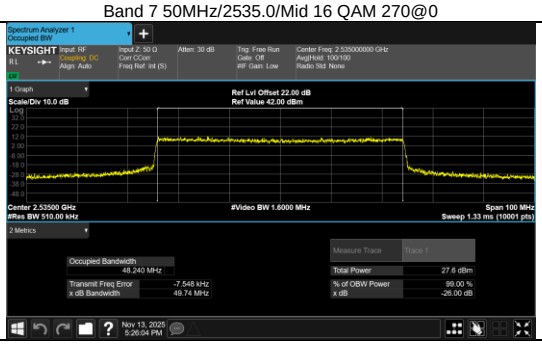
Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	OBW(MHz)	26dB OBW(MHz)
7	15	5	507000	2535.0	CP-OFDM QPSK	25@0	4.47	5.058
7	15	5	507000	2535.0	CP-OFDM 16 QAM	25@0	4.49	5.334
7	15	10	507000	2535.0	CP-OFDM QPSK	52@0	9.27	10.06
7	15	10	507000	2535.0	CP-OFDM 16 QAM	52@0	9.29	10.0
7	15	15	507000	2535.0	CP-OFDM QPSK	79@0	14.1	14.74
7	15	15	507000	2535.0	CP-OFDM 16 QAM	79@0	14.08	14.88
7	15	20	507000	2535.0	CP-OFDM QPSK	106@0	18.93	19.78
7	15	20	507000	2535.0	CP-OFDM 16 QAM	106@0	18.9	19.89
7	15	25	507000	2535.0	CP-OFDM QPSK	133@0	23.78	24.96
7	15	25	507000	2535.0	CP-OFDM 16 QAM	133@0	23.78	24.96
7	15	30	507000	2535.0	CP-OFDM QPSK	160@0	28.59	29.7
7	15	30	507000	2535.0	CP-OFDM 16 QAM	160@0	28.61	30.42
7	15	35	507000	2535.0	CP-OFDM QPSK	188@0	33.57	34.67
7	15	35	507000	2535.0	CP-OFDM 16 QAM	188@0	33.55	34.85
7	15	40	507000	2535.0	CP-OFDM QPSK	216@0	38.65	39.91
7	15	40	507000	2535.0	CP-OFDM 16 QAM	216@0	38.64	39.96
7	15	50	507000	2535.0	CP-OFDM QPSK	270@0	48.27	49.73
7	15	50	507000	2535.0	CP-OFDM 16 QAM	270@0	48.24	49.74

Test Graphs

OBW and 26dB Bandwidth Band 7 5MHz/2535.0/Mid QPSK 25@0	OBW and 26dB Bandwidth Band 7 5MHz/2535.0/Mid 16 QAM 25@0
	
OBW and 26dB Bandwidth Band 7 10MHz/2535.0/Mid QPSK 52@0	OBW and 26dB Bandwidth Band 7 10MHz/2535.0/Mid 16 QAM 52@0
	
OBW and 26dB Bandwidth Band 7 15MHz/2535.0/Mid QPSK 79@0	OBW and 26dB Bandwidth Band 7 15MHz/2535.0/Mid 16 QAM 79@0
	
OBW and 26dB Bandwidth Band 7 20MHz/2535.0/Mid QPSK 106@0	OBW and 26dB Bandwidth Band 7 20MHz/2535.0/Mid 16 QAM 106@0
	

OBW and 26dB Bandwidth Band 7 25MHz/2535.0/Mid QPSK 133@0	OBW and 26dB Bandwidth Band 7 25MHz/2535.0/Mid 16 QAM 133@0
	
OBW and 26dB Bandwidth Band 7 30MHz/2535.0/Mid QPSK 160@0	OBW and 26dB Bandwidth Band 7 30MHz/2535.0/Mid 16 QAM 160@0
	
OBW and 26dB Bandwidth Band 7 35MHz/2535.0/Mid QPSK 188@0	OBW and 26dB Bandwidth Band 7 35MHz/2535.0/Mid 16 QAM 188@0
	
OBW and 26dB Bandwidth Band 7 40MHz/2535.0/Mid QPSK 216@0	OBW and 26dB Bandwidth Band 7 40MHz/2535.0/Mid 16 QAM 216@0
	

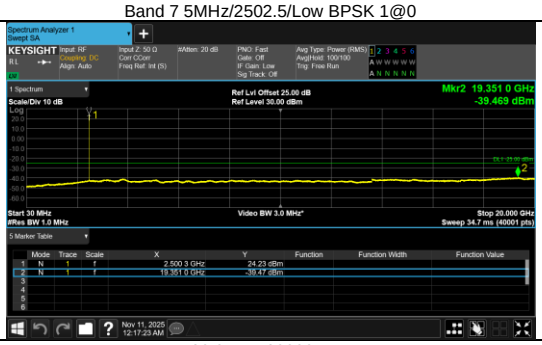
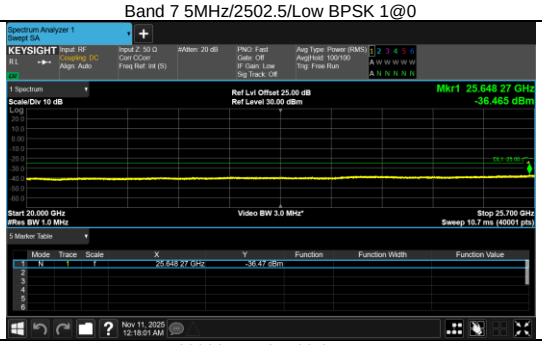
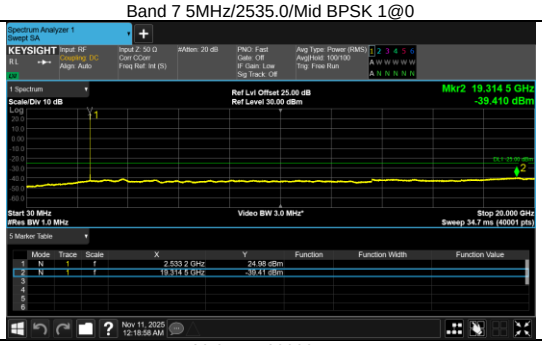
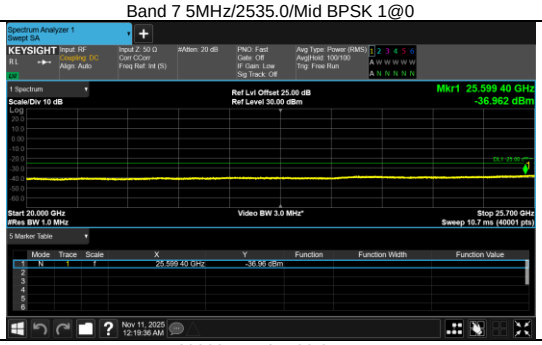
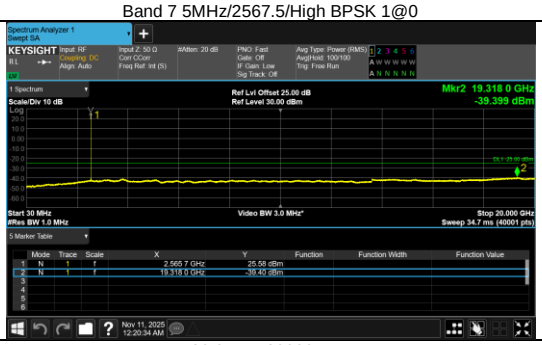
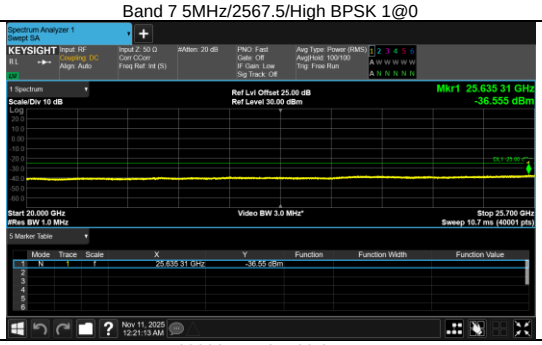
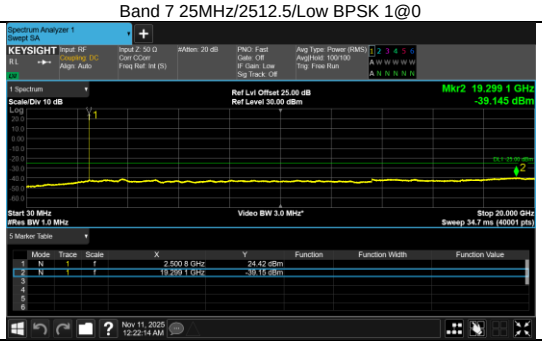
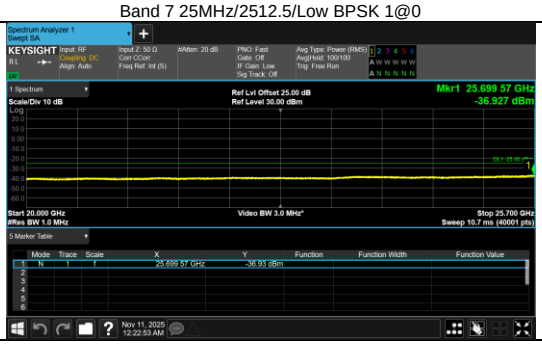
OBW and 26dB Bandwidth Band 7 50MHz/2535.0/Mid QPSK 270@0	OBW and 26dB Bandwidth Band 7 50MHz/2535.0/Mid 16 QAM 270@0
	

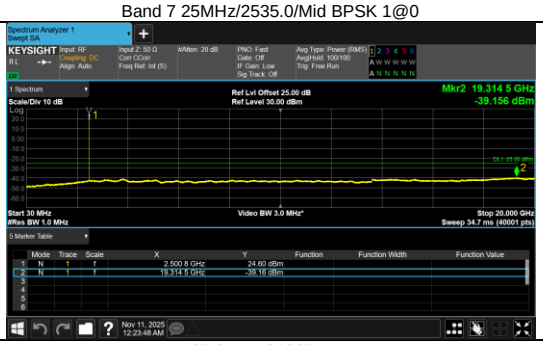
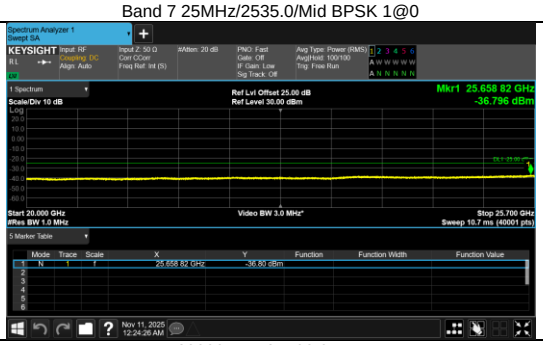
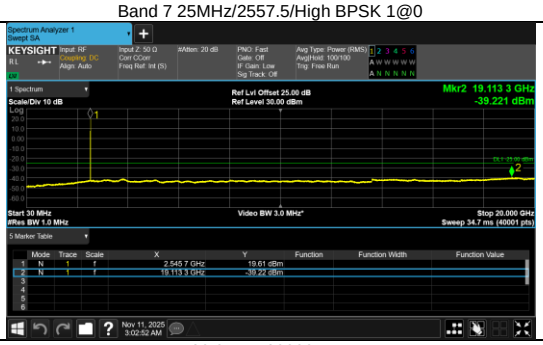
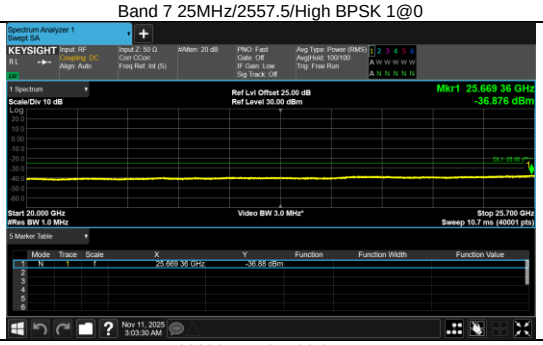
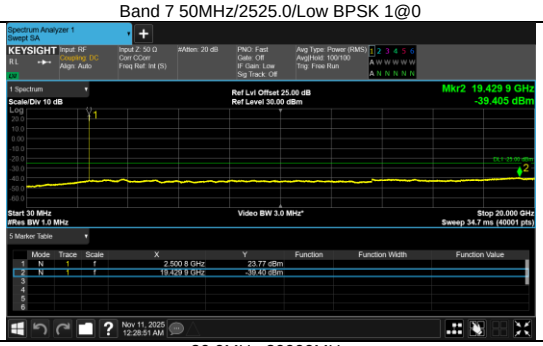
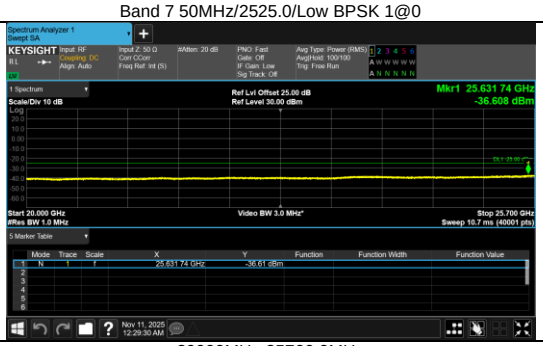
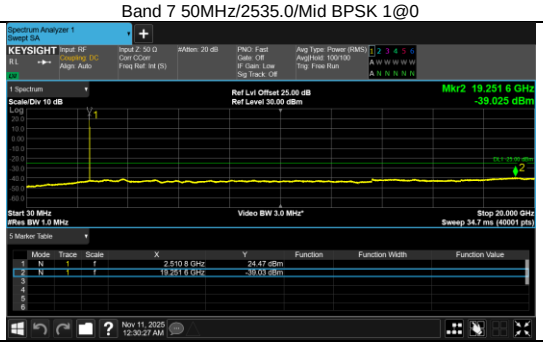
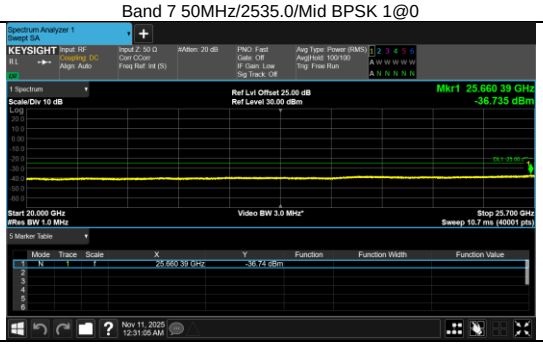
Conducted Spurious Emissions

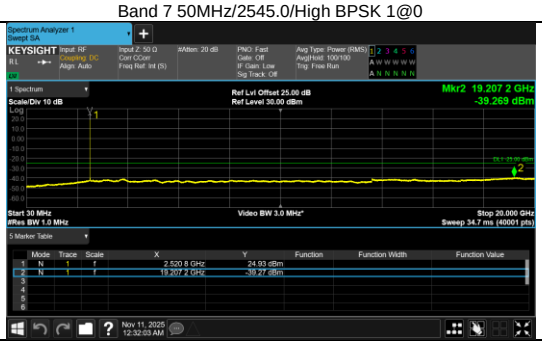
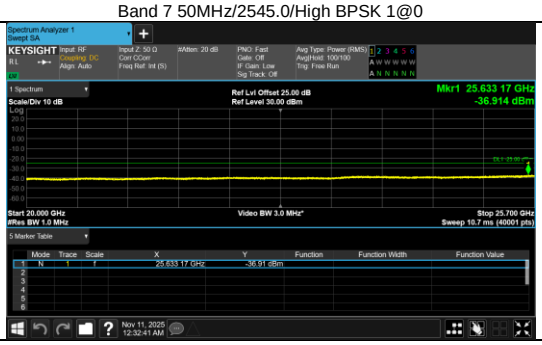
Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	5	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	513500	2567.5	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	5	513500	2567.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	25	502500	2512.5	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	25	502500	2512.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	25	507000	2512.5	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	25	507000	2512.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	25	511500	2557.5	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	25	511500	2557.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	50	505000	2525.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	50	505000	2525.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	50	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	50	507000	2535.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	50	509000	2545.0	DFT-s-OFDM BPSK	1@0	see graph	---
7	15	50	509000	2545.0	DFT-s-OFDM BPSK	1@0	see graph	PASS

Test Graphs

30.0MHz-20000MHz Band 7 5MHz/2502.5/Low BPSK 1@0	20000MHz-25700.0MHz Band 7 5MHz/2502.5/Low BPSK 1@0
	
30.0MHz-20000MHz Band 7 5MHz/2535.0/Mid BPSK 1@0	20000MHz-25700.0MHz Band 7 5MHz/2535.0/Mid BPSK 1@0
	
30.0MHz-20000MHz Band 7 5MHz/2567.5/High BPSK 1@0	20000MHz-25700.0MHz Band 7 5MHz/2567.5/High BPSK 1@0
	
30.0MHz-20000MHz Band 7 25MHz/2512.5/Low BPSK 1@0	20000MHz-25700.0MHz Band 7 25MHz/2512.5/Low BPSK 1@0
	

30.0MHz-20000MHz Band 7 25MHz/2535.0/Mid BPSK 1@0	20000MHz-25700.0MHz Band 7 25MHz/2535.0/Mid BPSK 1@0
	
30.0MHz-20000MHz Band 7 25MHz/2557.5/High BPSK 1@0	20000MHz-25700.0MHz Band 7 25MHz/2557.5/High BPSK 1@0
	
30.0MHz-20000MHz Band 7 50MHz/2525.0/Low BPSK 1@0	20000MHz-25700.0MHz Band 7 50MHz/2525.0/Low BPSK 1@0
	
30.0MHz-20000MHz Band 7 50MHz/2535.0/Mid BPSK 1@0	20000MHz-25700.0MHz Band 7 50MHz/2535.0/Mid BPSK 1@0
	

30.0MHz-20000MHz Band 7 50MHz/2545.0/High BPSK 1@0	20000MHz-25700.0MHz Band 7 50MHz/2545.0/High BPSK 1@0
	

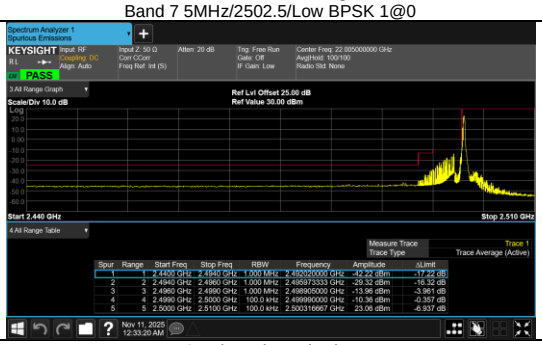
Conducted Band Edge

Test Result

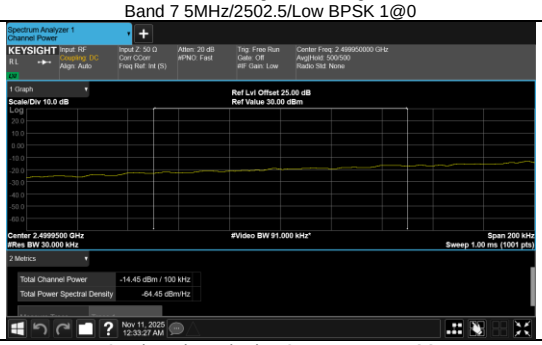
NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	5	500500	2502.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
7	15	5	500500	2502.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
7	15	5	513500	2567.5	DFT-s-OFDM BPSK	1@24	see graph	PASS
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	1@24	see graph	PASS
7	15	5	513500	2567.5	DFT-s-OFDM BPSK	25@0	see graph	PASS
7	15	5	513500	2567.5	DFT-s-OFDM QPSK	25@0	see graph	PASS
7	15	25	502500	2512.5	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	25	502500	2512.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
7	15	25	502500	2512.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
7	15	25	511500	2557.5	DFT-s-OFDM BPSK	1@132	see graph	PASS
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	1@132	see graph	PASS
7	15	25	511500	2557.5	DFT-s-OFDM BPSK	128@0	see graph	PASS
7	15	25	511500	2557.5	DFT-s-OFDM QPSK	128@0	see graph	PASS
7	15	50	505000	2525.0	DFT-s-OFDM BPSK	1@0	see graph	PASS
7	15	50	505000	2525.0	DFT-s-OFDM QPSK	1@0	see graph	PASS
7	15	50	505000	2525.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
7	15	50	505000	2525.0	DFT-s-OFDM QPSK	270@0	see graph	PASS
7	15	50	509000	2545.0	DFT-s-OFDM BPSK	1@269	see graph	PASS
7	15	50	509000	2545.0	DFT-s-OFDM QPSK	1@269	see graph	PASS
7	15	50	509000	2545.0	DFT-s-OFDM BPSK	270@0	see graph	PASS
7	15	50	509000	2545.0	DFT-s-OFDM QPSK	270@0	see graph	PASS

Test Graphs

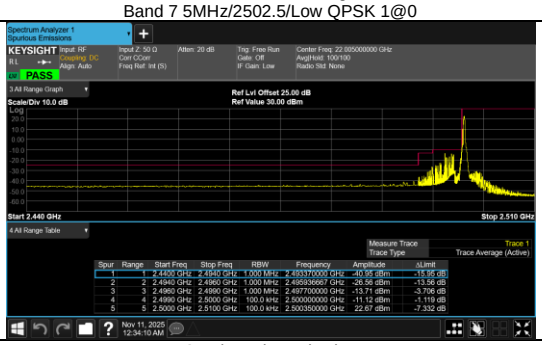
Conducted Band Edge
Band 7 5MHz/2502.5/Low BPSK 1@0



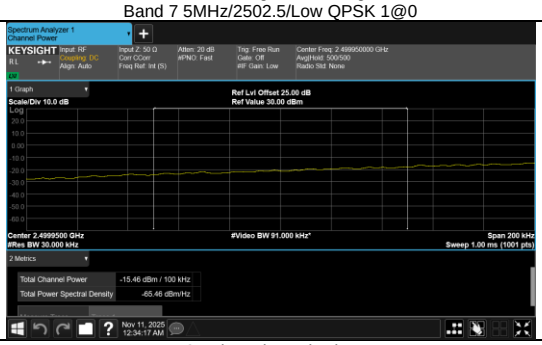
Conducted Band Edge CHP Range4 PASS
Band 7 5MHz/2502.5/Low BPSK 1@0



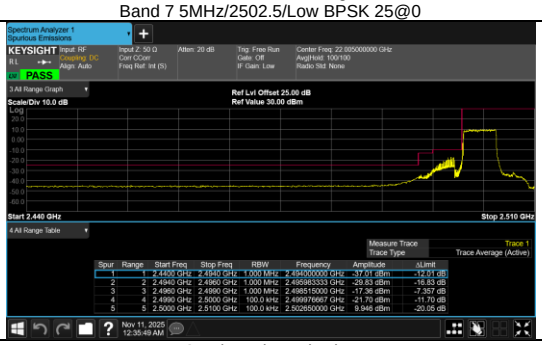
Conducted Band Edge
Band 7 5MHz/2502.5/Low QPSK 1@0



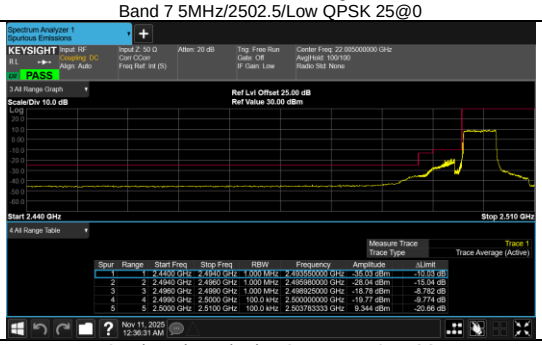
Conducted Band Edge CHP Range4 PASS
Band 7 5MHz/2502.5/Low QPSK 1@0



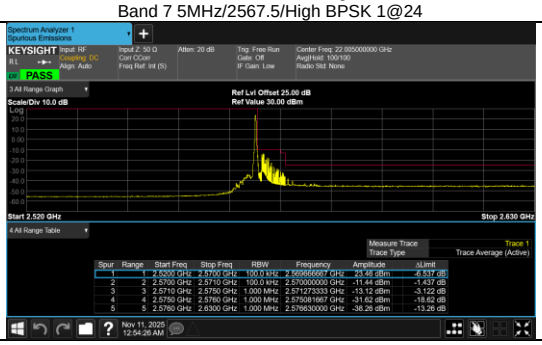
Conducted Band Edge
Band 7 5MHz/2502.5/Low BPSK 25@0



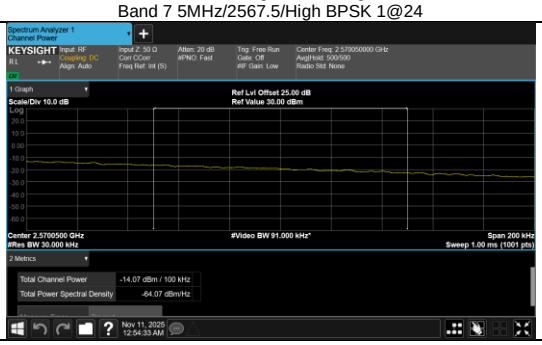
Conducted Band Edge
Band 7 5MHz/2502.5/Low QPSK 25@0



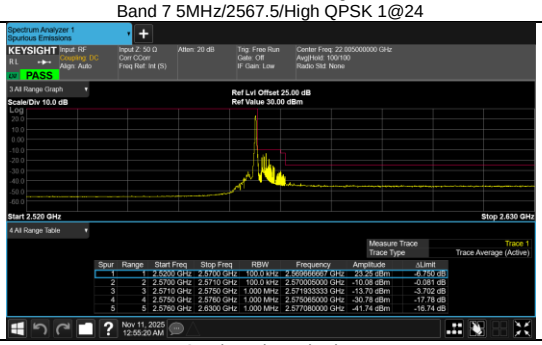
Conducted Band Edge
Band 7 5MHz/2567.5/High BPSK 1@24



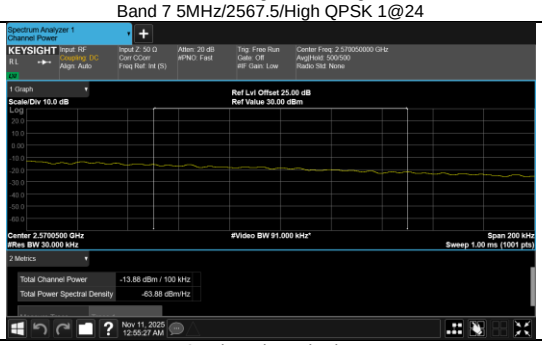
Conducted Band Edge CHP Range2 PASS
Band 7 5MHz/2567.5/High BPSK 1@24



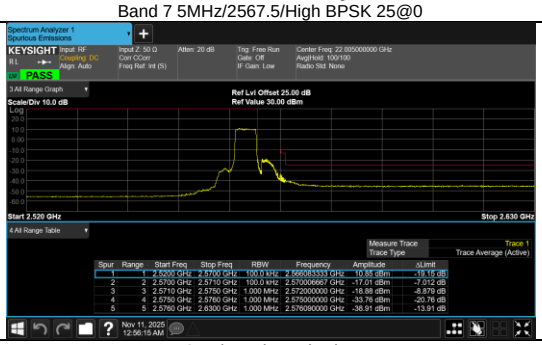
Conducted Band Edge
Band 7 5MHz/2567.5/High QPSK 1@24



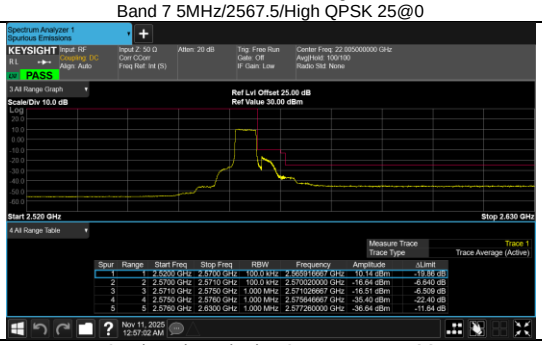
Conducted Band Edge CHP Range2 PASS
Band 7 5MHz/2567.5/High QPSK 1@24



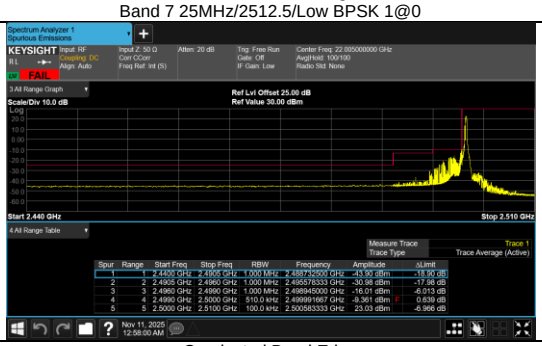
Conducted Band Edge
Band 7 5MHz/2567.5/High BPSK 25@0



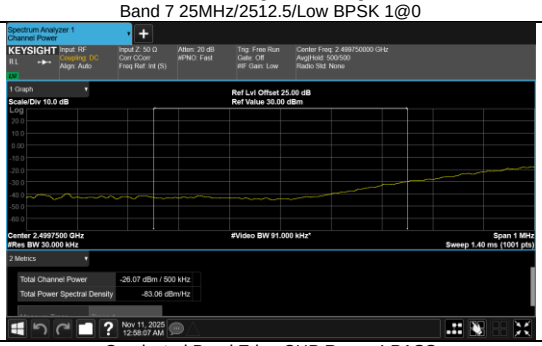
Conducted Band Edge
Band 7 5MHz/2567.5/High QPSK 25@0



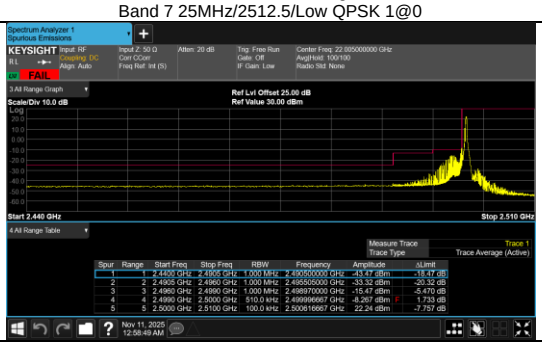
Conducted Band Edge
Band 7 25MHz/2512.5/Low BPSK 1@0



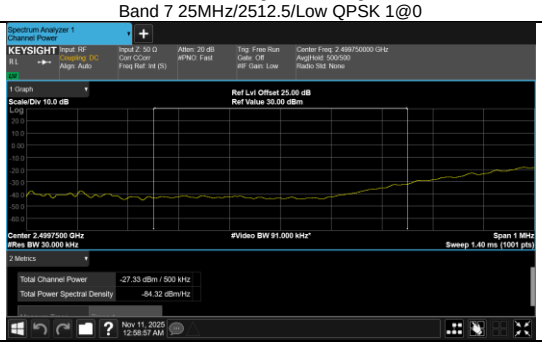
Conducted Band Edge CHP Range4 PASS
Band 7 25MHz/2512.5/Low BPSK 1@0



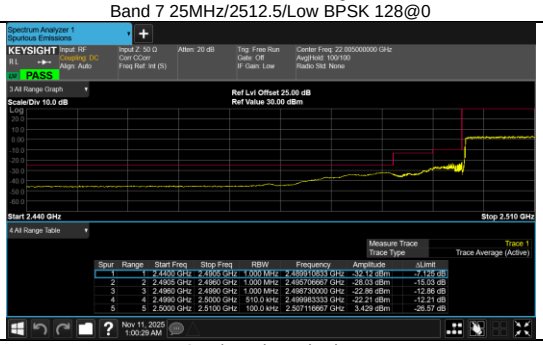
Conducted Band Edge
Band 7 25MHz/2512.5/Low QPSK 1@0



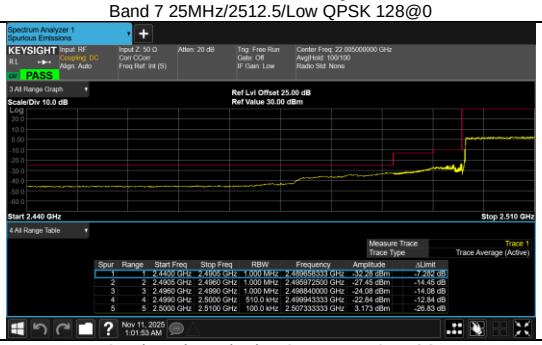
Conducted Band Edge CHP Range4 PASS
Band 7 25MHz/2512.5/Low QPSK 1@0



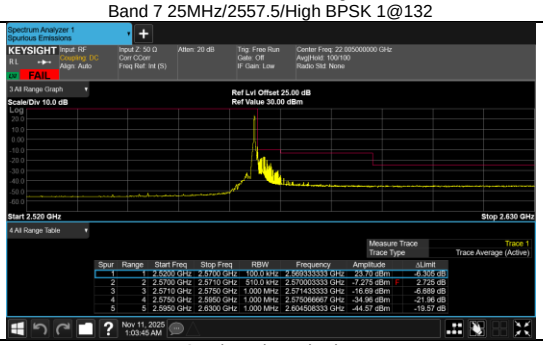
Conducted Band Edge
Band 7 25MHz/2512.5/Low BPSK 128@0



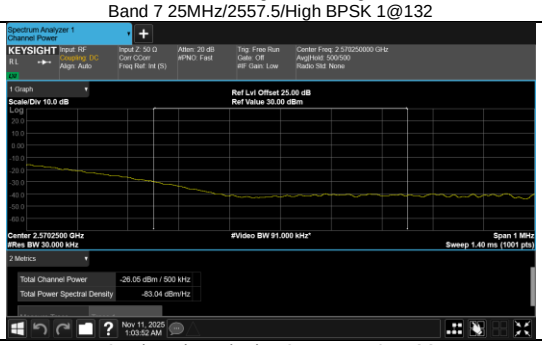
Conducted Band Edge
Band 7 25MHz/2512.5/Low QPSK 128@0



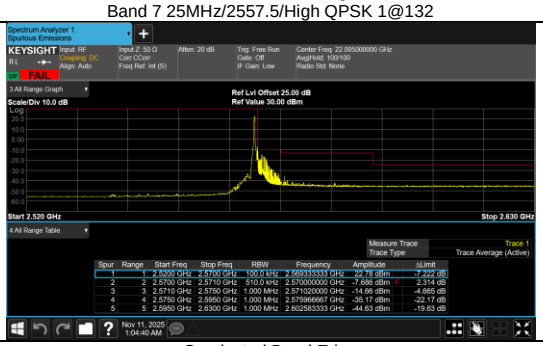
Conducted Band Edge
Band 7 25MHz/2557.5/High BPSK 1@132



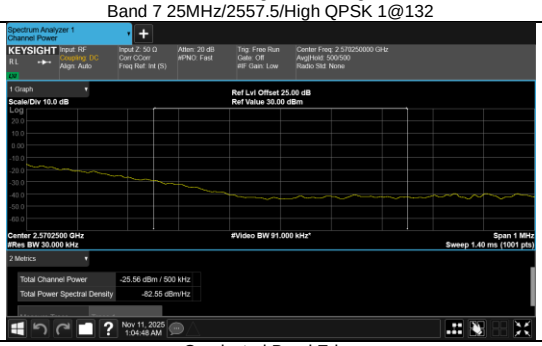
Conducted Band Edge CHP Range2 PASS
Band 7 25MHz/2557.5/High BPSK 1@132



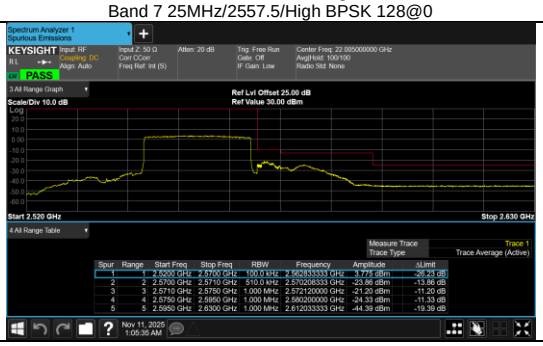
Conducted Band Edge
Band 7 25MHz/2557.5/High QPSK 1@132



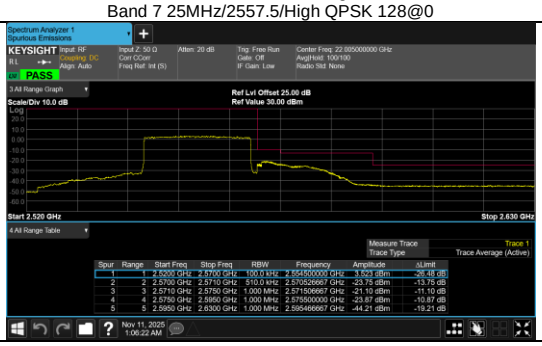
Conducted Band Edge CHP Range2 PASS
Band 7 25MHz/2557.5/High QPSK 1@132



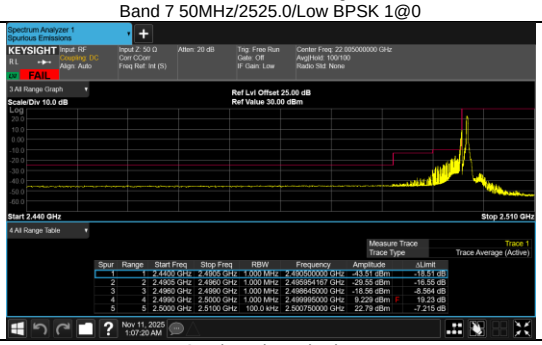
Conducted Band Edge
Band 7 25MHz/2557.5/High BPSK 128@0



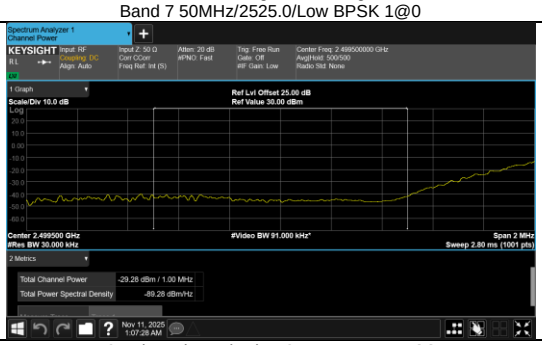
Conducted Band Edge
Band 7 25MHz/2557.5/High QPSK 128@0



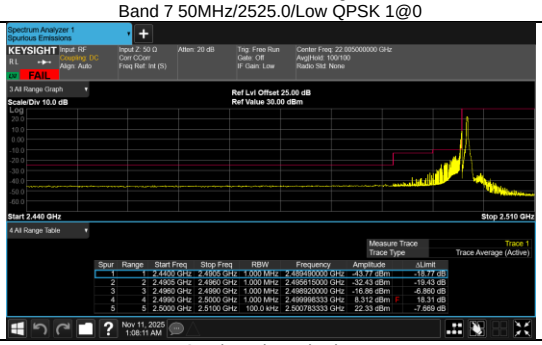
Conducted Band Edge
Band 7 50MHz/2525.0/Low BPSK 1@0



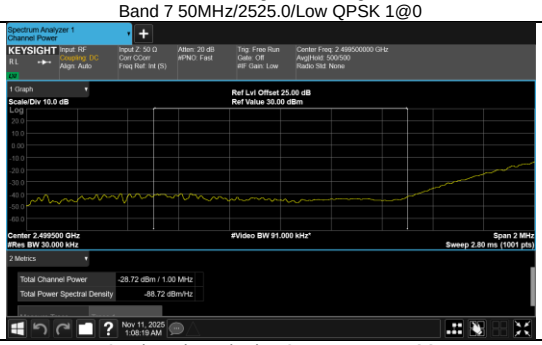
Conducted Band Edge CHP Range4 PASS
Band 7 50MHz/2525.0/Low BPSK 1@0



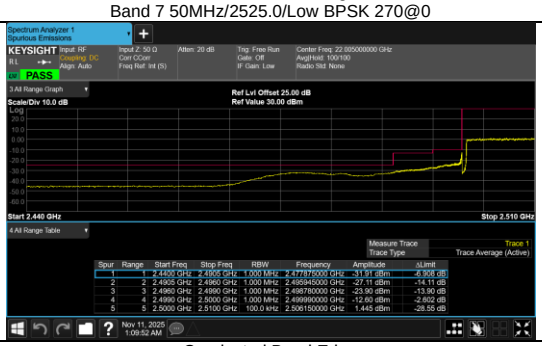
Conducted Band Edge
Band 7 50MHz/2525.0/Low QPSK 1@0



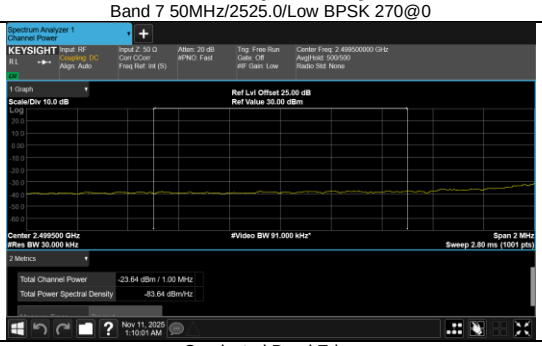
Conducted Band Edge CHP Range4 PASS
Band 7 50MHz/2525.0/Low QPSK 1@0



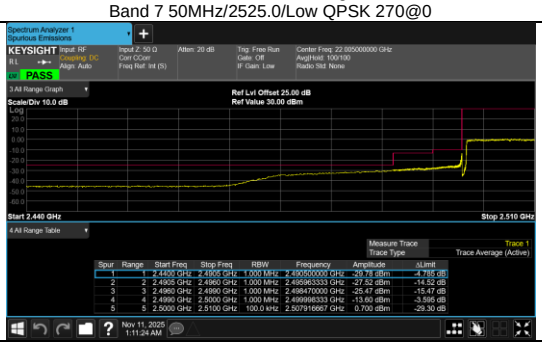
Conducted Band Edge
Band 7 50MHz/2525.0/Low BPSK 270@0



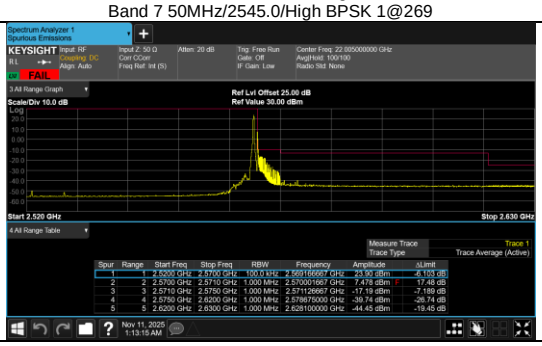
Conducted Band Edge CHP Range4 PASS
Band 7 50MHz/2525.0/Low BPSK 270@0



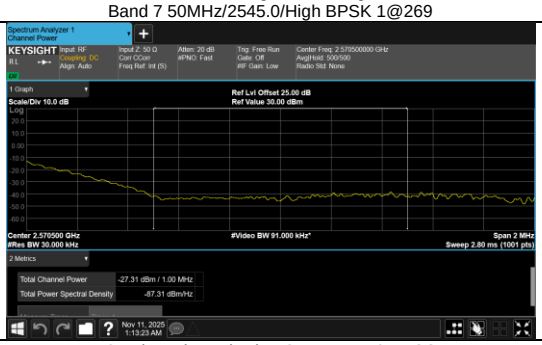
Conducted Band Edge
Band 7 50MHz/2525.0/Low QPSK 270@0



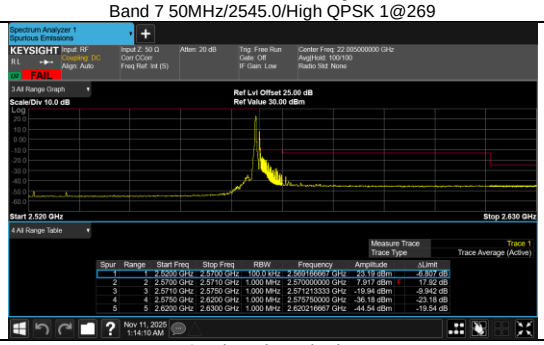
Conducted Band Edge
Band 7 50MHz/2545.0/High BPSK 1@269



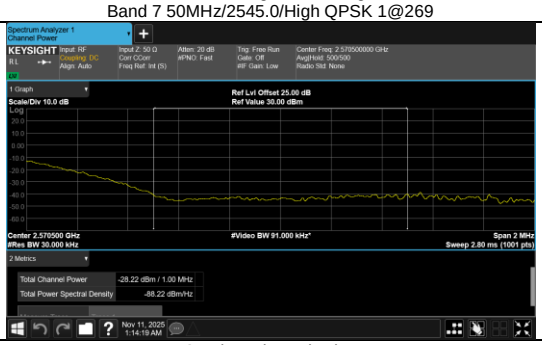
Conducted Band Edge CHP Range2 PASS
Band 7 50MHz/2545.0/High BPSK 1@269



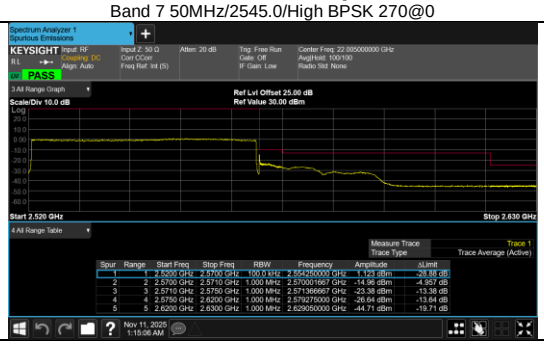
Conducted Band Edge
Band 7 50MHz/2545.0/High QPSK 1@269



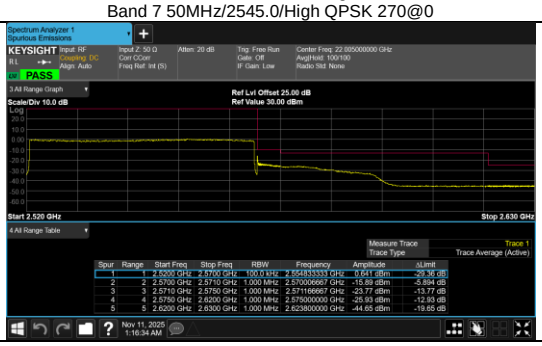
Conducted Band Edge CHP Range2 PASS
Band 7 50MHz/2545.0/High QPSK 1@269



Conducted Band Edge
Band 7 50MHz/2545.0/High BPSK 270@0



Conducted Band Edge
Band 7 50MHz/2545.0/High QPSK 270@0



FR1 N7_ UL MIMO_ANT2

Frequency Stability

Test Result

NR Band	SCS (kHz)	Bandwidth (MHz)	Arfcn	Freq (MHz)	Modulation	RB	Deviation (ppm)	Verdict	Environment
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0028	PASS	NV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0044	PASS	LV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0076	PASS	HV
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0064	PASS	-30℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0025	PASS	-20℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0052	PASS	-10℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0082	PASS	0℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0034	PASS	10℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0025	PASS	20℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0042	PASS	30℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0067	PASS	40℃
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	0.0076	PASS	50℃

Peak to Average Ratio

Test Result

NR Band	SCS	BandWidth	Arfcn	Freq(MHz)	Modulation	RB	Result	Verdict
7	15	20	507000	2535.0	DFT-s-OFDM PI/2 BPSK	100@0	4.77	13
7	15	20	507000	2535.0	DFT-s-OFDM PI/2 BPSK	1@0	4.25	13
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	100@0	6.05	13
7	15	20	507000	2535.0	DFT-s-OFDM QPSK	1@0	5.86	13