

Appendix A : Test Result - n26

1. Conducted Output Power

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Power (mW)	Power Limit (mW)	Verdict
n26(814-824)	15	5	163300	25@0	DFT_BPSK	21.41	138.36	100000	PASS
n26(814-824)	15	5	163300	12@6	DFT_BPSK	21.89	154.53	100000	PASS
n26(814-824)	15	5	163300	1@1	DFT_BPSK	21.74	149.28	100000	PASS
n26(814-824)	15	5	163300	1@23	DFT_BPSK	21.89	154.53	100000	PASS
n26(814-824)	15	5	163300	25@0	DFT_QPSK	20.94	124.17	100000	PASS
n26(814-824)	15	5	163300	12@6	DFT_QPSK	21.9	154.88	100000	PASS
n26(814-824)	15	5	163300	1@1	DFT_QPSK	21.72	148.59	100000	PASS
n26(814-824)	15	5	163300	1@23	DFT_QPSK	21.85	153.11	100000	PASS
n26(814-824)	15	5	163300	25@0	DFT_16QAM	19.9	97.72	100000	PASS
n26(814-824)	15	5	163300	12@6	DFT_16QAM	20.88	122.46	100000	PASS
n26(814-824)	15	5	163300	1@1	DFT_16QAM	20.85	121.62	100000	PASS
n26(814-824)	15	5	163300	1@23	DFT_16QAM	21.02	126.47	100000	PASS
n26(814-824)	15	5	163300	25@0	DFT_64QAM	19.45	88.1	100000	PASS
n26(814-824)	15	5	163300	12@6	DFT_64QAM	19.42	87.5	100000	PASS
n26(814-824)	15	5	163300	1@1	DFT_64QAM	19.32	85.51	100000	PASS
n26(814-824)	15	5	163300	1@23	DFT_64QAM	19.48	88.72	100000	PASS
n26(814-824)	15	5	163300	25@0	DFT_256QAM	17.38	54.7	100000	PASS
n26(814-824)	15	5	163300	12@6	DFT_256QAM	17.38	54.7	100000	PASS
n26(814-824)	15	5	163300	1@1	DFT_256QAM	17.2	52.48	100000	PASS
n26(814-824)	15	5	163300	1@23	DFT_256QAM	17.35	54.33	100000	PASS
n26(814-824)	15	5	163300	25@0	CP_QPSK	18.9	77.62	100000	PASS
n26(814-824)	15	5	163300	13@6	CP_QPSK	20.36	108.64	100000	PASS
n26(814-824)	15	5	163300	1@1	CP_QPSK	20.23	105.44	100000	PASS
n26(814-824)	15	5	163300	1@23	CP_QPSK	20.38	109.14	100000	PASS
n26(814-824)	15	5	163300	25@0	CP_16QAM	18.97	78.89	100000	PASS
n26(814-824)	15	5	163300	13@6	CP_16QAM	19.97	99.31	100000	PASS
n26(814-824)	15	5	163300	1@1	CP_16QAM	20.01	100.23	100000	PASS
n26(814-824)	15	5	163300	1@23	CP_16QAM	20.16	103.75	100000	PASS
n26(814-824)	15	5	163300	25@0	CP_64QAM	18.42	69.5	100000	PASS
n26(814-824)	15	5	163300	13@6	CP_64QAM	18.33	68.08	100000	PASS
n26(814-824)	15	5	163300	1@1	CP_64QAM	18.17	65.61	100000	PASS
n26(814-824)	15	5	163300	1@23	CP_64QAM	18.36	68.55	100000	PASS
n26(814-824)	15	5	163300	25@0	CP_256QAM	15.46	35.16	100000	PASS
n26(814-824)	15	5	163300	13@6	CP_256QAM	15.41	34.75	100000	PASS
n26(814-824)	15	5	163300	1@1	CP_256QAM	15.4	34.67	100000	PASS

n26(814-824)	15	5	163300	1@23	CP_256QAM	15.57	36.06	100000	PASS
n26(814-824)	15	5	163800	25@0	DFT_BPSK	21.43	139	100000	PASS
n26(814-824)	15	5	163800	12@6	DFT_BPSK	21.97	157.4	100000	PASS
n26(814-824)	15	5	163800	1@1	DFT_BPSK	21.79	151.01	100000	PASS
n26(814-824)	15	5	163800	1@23	DFT_BPSK	21.84	152.76	100000	PASS
n26(814-824)	15	5	163800	25@0	DFT_QPSK	21	125.89	100000	PASS
n26(814-824)	15	5	163800	12@6	DFT_QPSK	21.98	157.76	100000	PASS
n26(814-824)	15	5	163800	1@1	DFT_QPSK	21.78	150.66	100000	PASS
n26(814-824)	15	5	163800	1@23	DFT_QPSK	21.84	152.76	100000	PASS
n26(814-824)	15	5	163800	25@0	DFT_16QAM	19.96	99.08	100000	PASS
n26(814-824)	15	5	163800	12@6	DFT_16QAM	20.97	125.03	100000	PASS
n26(814-824)	15	5	163800	1@1	DFT_16QAM	20.94	124.17	100000	PASS
n26(814-824)	15	5	163800	1@23	DFT_16QAM	20.98	125.31	100000	PASS
n26(814-824)	15	5	163800	25@0	DFT_64QAM	19.49	88.92	100000	PASS
n26(814-824)	15	5	163800	12@6	DFT_64QAM	19.49	88.92	100000	PASS
n26(814-824)	15	5	163800	1@1	DFT_64QAM	19.4	87.1	100000	PASS
n26(814-824)	15	5	163800	1@23	DFT_64QAM	19.46	88.31	100000	PASS
n26(814-824)	15	5	163800	25@0	DFT_256QAM	17.43	55.34	100000	PASS
n26(814-824)	15	5	163800	12@6	DFT_256QAM	17.47	55.85	100000	PASS
n26(814-824)	15	5	163800	1@1	DFT_256QAM	17.33	54.08	100000	PASS
n26(814-824)	15	5	163800	1@23	DFT_256QAM	17.35	54.33	100000	PASS
n26(814-824)	15	5	163800	25@0	CP_QPSK	19	79.43	100000	PASS
n26(814-824)	15	5	163800	13@6	CP_QPSK	20.47	111.43	100000	PASS
n26(814-824)	15	5	163800	1@1	CP_QPSK	20.31	107.4	100000	PASS
n26(814-824)	15	5	163800	1@23	CP_QPSK	20.35	108.39	100000	PASS
n26(814-824)	15	5	163800	25@0	CP_16QAM	19.03	79.98	100000	PASS
n26(814-824)	15	5	163800	13@6	CP_16QAM	20.04	100.93	100000	PASS
n26(814-824)	15	5	163800	1@1	CP_16QAM	20.08	101.86	100000	PASS
n26(814-824)	15	5	163800	1@23	CP_16QAM	20.15	103.51	100000	PASS
n26(814-824)	15	5	163800	25@0	CP_64QAM	18.49	70.63	100000	PASS
n26(814-824)	15	5	163800	13@6	CP_64QAM	18.44	69.82	100000	PASS
n26(814-824)	15	5	163800	1@1	CP_64QAM	18.28	67.3	100000	PASS
n26(814-824)	15	5	163800	1@23	CP_64QAM	18.35	68.39	100000	PASS
n26(814-824)	15	5	163800	25@0	CP_256QAM	15.55	35.89	100000	PASS
n26(814-824)	15	5	163800	13@6	CP_256QAM	15.54	35.81	100000	PASS
n26(814-824)	15	5	163800	1@1	CP_256QAM	15.52	35.65	100000	PASS
n26(814-824)	15	5	163800	1@23	CP_256QAM	15.56	35.97	100000	PASS
n26(814-824)	15	5	164300	25@0	DFT_BPSK	21.48	140.6	100000	PASS
n26(814-824)	15	5	164300	12@6	DFT_BPSK	21.95	156.68	100000	PASS
n26(814-824)	15	5	164300	1@1	DFT_BPSK	21.86	153.46	100000	PASS
n26(814-824)	15	5	164300	1@23	DFT_BPSK	21.87	153.82	100000	PASS
n26(814-824)	15	5	164300	25@0	DFT_QPSK	21.03	126.77	100000	PASS
n26(814-824)	15	5	164300	12@6	DFT_QPSK	21.95	156.68	100000	PASS

n26(814-824)	15	5	164300	1@1	DFT_QPSK	21.83	152.41	100000	PASS
n26(814-824)	15	5	164300	1@23	DFT_QPSK	21.88	154.17	100000	PASS
n26(814-824)	15	5	164300	25@0	DFT_16QAM	19.98	99.54	100000	PASS
n26(814-824)	15	5	164300	12@6	DFT_16QAM	20.93	123.88	100000	PASS
n26(814-824)	15	5	164300	1@1	DFT_16QAM	21.03	126.77	100000	PASS
n26(814-824)	15	5	164300	1@23	DFT_16QAM	21.02	126.47	100000	PASS
n26(814-824)	15	5	164300	25@0	DFT_64QAM	19.54	89.95	100000	PASS
n26(814-824)	15	5	164300	12@6	DFT_64QAM	19.48	88.72	100000	PASS
n26(814-824)	15	5	164300	1@1	DFT_64QAM	19.49	88.92	100000	PASS
n26(814-824)	15	5	164300	1@23	DFT_64QAM	19.51	89.33	100000	PASS
n26(814-824)	15	5	164300	25@0	DFT_256QAM	17.49	56.1	100000	PASS
n26(814-824)	15	5	164300	12@6	DFT_256QAM	17.5	56.23	100000	PASS
n26(814-824)	15	5	164300	1@1	DFT_256QAM	17.35	54.33	100000	PASS
n26(814-824)	15	5	164300	1@23	DFT_256QAM	17.38	54.7	100000	PASS
n26(814-824)	15	5	164300	25@0	CP_QPSK	19	79.43	100000	PASS
n26(814-824)	15	5	164300	13@6	CP_QPSK	20.45	110.92	100000	PASS
n26(814-824)	15	5	164300	1@1	CP_QPSK	20.39	109.4	100000	PASS
n26(814-824)	15	5	164300	1@23	CP_QPSK	20.4	109.65	100000	PASS
n26(814-824)	15	5	164300	25@0	CP_16QAM	19.06	80.54	100000	PASS
n26(814-824)	15	5	164300	13@6	CP_16QAM	20.08	101.86	100000	PASS
n26(814-824)	15	5	164300	1@1	CP_16QAM	20.15	103.51	100000	PASS
n26(814-824)	15	5	164300	1@23	CP_16QAM	20.19	104.47	100000	PASS
n26(814-824)	15	5	164300	25@0	CP_64QAM	18.53	71.29	100000	PASS
n26(814-824)	15	5	164300	13@6	CP_64QAM	18.47	70.31	100000	PASS
n26(814-824)	15	5	164300	1@1	CP_64QAM	18.34	68.23	100000	PASS
n26(814-824)	15	5	164300	1@23	CP_64QAM	18.37	68.71	100000	PASS
n26(814-824)	15	5	164300	25@0	CP_256QAM	15.56	35.97	100000	PASS
n26(814-824)	15	5	164300	13@6	CP_256QAM	15.57	36.06	100000	PASS
n26(814-824)	15	5	164300	1@1	CP_256QAM	15.56	35.97	100000	PASS
n26(814-824)	15	5	164300	1@23	CP_256QAM	15.61	36.39	100000	PASS
n26(814-824)	15	10	163800	50@0	DFT_BPSK	21.37	137.09	100000	PASS
n26(814-824)	15	10	163800	25@12	DFT_BPSK	21.89	154.53	100000	PASS
n26(814-824)	15	10	163800	1@1	DFT_BPSK	21.8	151.36	100000	PASS
n26(814-824)	15	10	163800	1@50	DFT_BPSK	21.94	156.31	100000	PASS
n26(814-824)	15	10	163800	50@0	DFT_QPSK	20.95	124.45	100000	PASS
n26(814-824)	15	10	163800	25@12	DFT_QPSK	21.89	154.53	100000	PASS
n26(814-824)	15	10	163800	1@1	DFT_QPSK	21.74	149.28	100000	PASS
n26(814-824)	15	10	163800	1@50	DFT_QPSK	21.96	157.04	100000	PASS
n26(814-824)	15	10	163800	50@0	DFT_16QAM	19.93	98.4	100000	PASS
n26(814-824)	15	10	163800	25@12	DFT_16QAM	20.97	125.03	100000	PASS
n26(814-824)	15	10	163800	1@1	DFT_16QAM	20.87	122.18	100000	PASS
n26(814-824)	15	10	163800	1@50	DFT_16QAM	21.08	128.23	100000	PASS
n26(814-824)	15	10	163800	50@0	DFT_64QAM	19.4	87.1	100000	PASS

n26(814-824)	15	10	163800	25@12	DFT_64QAM	19.5	89.13	100000	PASS
n26(814-824)	15	10	163800	1@1	DFT_64QAM	19.42	87.5	100000	PASS
n26(814-824)	15	10	163800	1@50	DFT_64QAM	19.6	91.2	100000	PASS
n26(814-824)	15	10	163800	50@0	DFT_256QAM	17.36	54.45	100000	PASS
n26(814-824)	15	10	163800	25@12	DFT_256QAM	17.43	55.34	100000	PASS
n26(814-824)	15	10	163800	1@1	DFT_256QAM	17.25	53.09	100000	PASS
n26(814-824)	15	10	163800	1@50	DFT_256QAM	17.41	55.08	100000	PASS
n26(814-824)	15	10	163800	52@0	CP_QPSK	18.92	77.98	100000	PASS
n26(814-824)	15	10	163800	26@13	CP_QPSK	20.43	110.41	100000	PASS
n26(814-824)	15	10	163800	1@1	CP_QPSK	20.22	105.2	100000	PASS
n26(814-824)	15	10	163800	1@50	CP_QPSK	20.43	110.41	100000	PASS
n26(814-824)	15	10	163800	52@0	CP_16QAM	18.91	77.8	100000	PASS
n26(814-824)	15	10	163800	26@13	CP_16QAM	19.99	99.77	100000	PASS
n26(814-824)	15	10	163800	1@1	CP_16QAM	20.06	101.39	100000	PASS
n26(814-824)	15	10	163800	1@50	CP_16QAM	20.23	105.44	100000	PASS
n26(814-824)	15	10	163800	52@0	CP_64QAM	18.41	69.34	100000	PASS
n26(814-824)	15	10	163800	26@13	CP_64QAM	18.48	70.47	100000	PASS
n26(814-824)	15	10	163800	1@1	CP_64QAM	18.2	66.07	100000	PASS
n26(814-824)	15	10	163800	1@50	CP_64QAM	18.39	69.02	100000	PASS
n26(814-824)	15	10	163800	52@0	CP_256QAM	15.46	35.16	100000	PASS
n26(814-824)	15	10	163800	26@13	CP_256QAM	15.5	35.48	100000	PASS
n26(814-824)	15	10	163800	1@1	CP_256QAM	15.44	34.99	100000	PASS
n26(814-824)	15	10	163800	1@50	CP_256QAM	15.66	36.81	100000	PASS

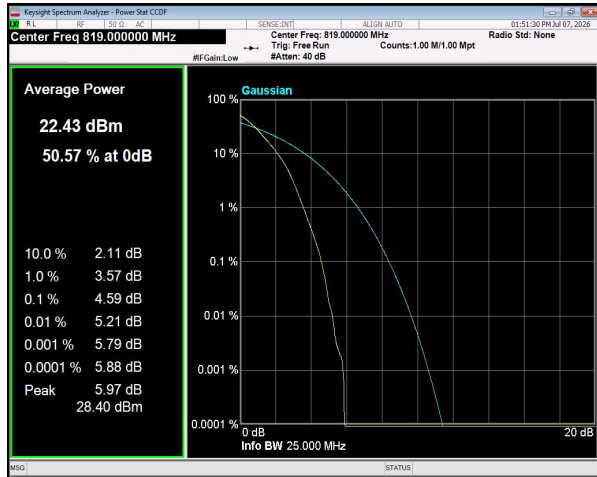
2. Frequency Stability

Temperature (°C)	Voltage (V)	Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	High Limit (ppm)	Verdict
20(Ref.)	3.84	n26(814-824)	15	10	163800	50@0	DFT_BP SK	1.7	0.00208	-2.5	2.5	PASS
20	3	n26(814-824)	15	10	163800	50@0	DFT_BP SK	0.2	0.00024	-2.5	2.5	PASS
20	4.35	n26(814-824)	15	10	163800	50@0	DFT_BP SK	0.3	0.00037	-2.5	2.5	PASS
-30	3.84	n26(814-824)	15	10	163800	50@0	DFT_BP SK	-1.4	-0.00171	-2.5	2.5	PASS
-20	3.84	n26(814-824)	15	10	163800	50@0	DFT_BP SK	-1	-0.00122	-2.5	2.5	PASS
-10	3.84	n26(814-824)	15	10	163800	50@0	DFT_BP SK	0.6	0.00073	-2.5	2.5	PASS
0	3.84	n26(814-824)	15	10	163800	50@0	DFT_BP SK	-3.5	-0.00427	-2.5	2.5	PASS
10	3.84	n26(814-824)	15	10	163800	50@0	DFT_BP SK	-2.7	-0.0033	-2.5	2.5	PASS
30	3.84	n26(814-824)	15	10	163800	50@0	DFT_BP SK	-1.1	-0.00134	-2.5	2.5	PASS
40	3.84	n26(814-824)	15	10	163800	50@0	DFT_BP SK	-1.9	-0.00232	-2.5	2.5	PASS
50	3.84	n26(814-824)	15	10	163800	50@0	DFT_BP SK	0.1	0.00012	-2.5	2.5	PASS

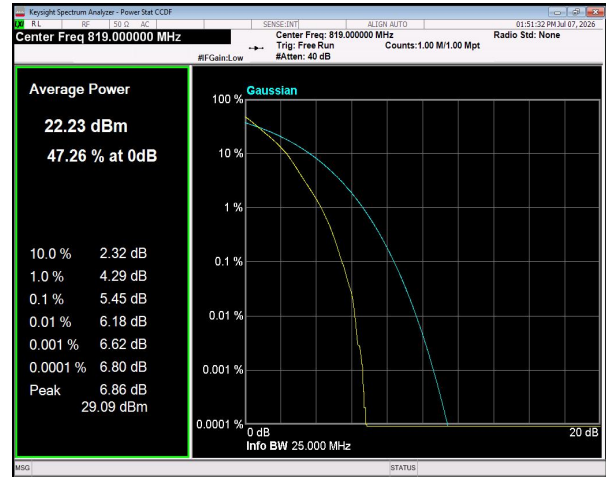
Note: The frequency fundamental emissions stay within the authorized frequency block.

3. Peak-to-average Ratio

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	High Limit (dB)	Verdict
n26(814-824)	15	10	163800	50@0	DFT_BPSK	4.59	13	PASS
n26(814-824)	15	10	163800	50@0	DFT_QPSK	5.45	13	PASS
n26(814-824)	15	10	163800	50@0	DFT_16QAM	6.52	13	PASS
n26(814-824)	15	10	163800	50@0	DFT_64QAM	6.52	13	PASS
n26(814-824)	15	10	163800	50@0	DFT_256QAM	6.82	13	PASS



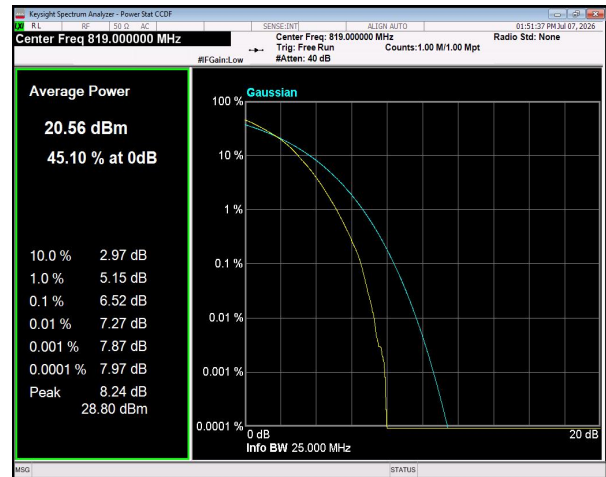
n26(814-824) SCS=15kHz DFT_BPSK BW=10MHz
Channel=163800 RB=50@0



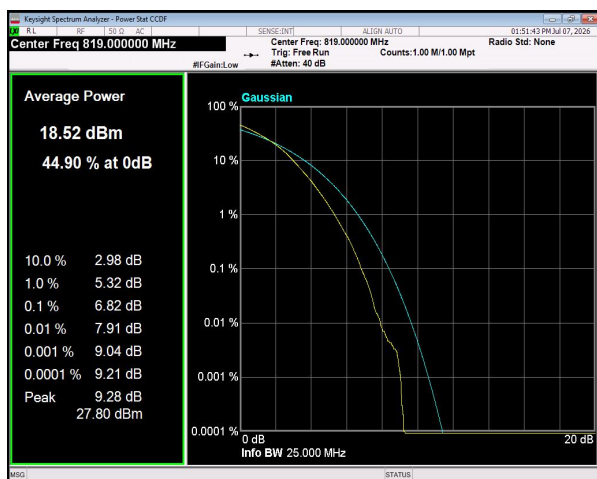
n26(814-824) SCS=15kHz DFT_QPSK BW=10MHz
Channel=163800 RB=50@0



n26(814-824) SCS=15kHz DFT_16QAM BW=10MHz
Channel=163800 RB=50@0



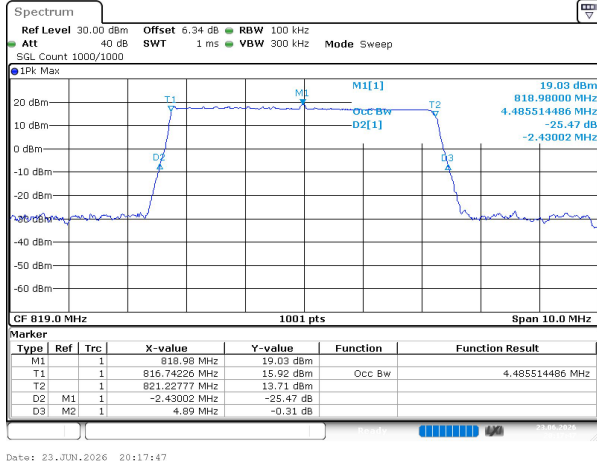
n26(814-824) SCS=15kHz DFT_64QAM BW=10MHz
Channel=163800 RB=50@0



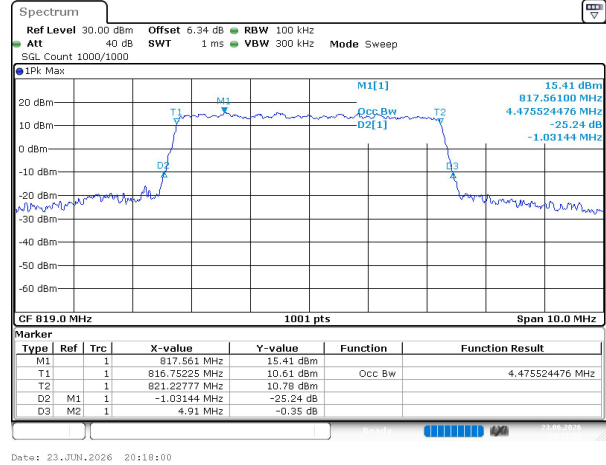
n26(814-824) SCS=15kHz DFT_256QAM BW=10MHz
Channel=163800 RB=50@0

4. Occupied Bandwidth

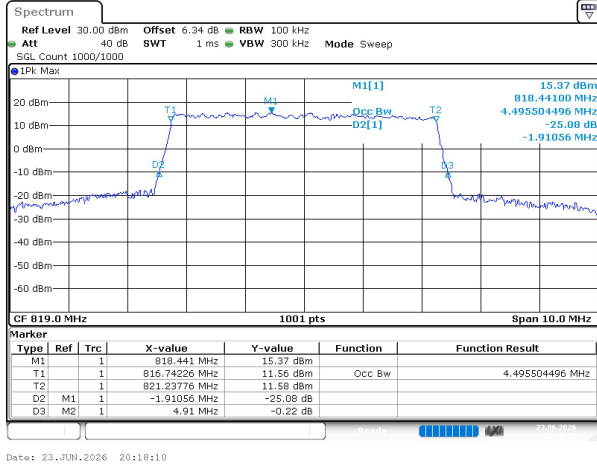
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	UL Frequency (MHz)	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n26(814-824)	15	5	163800	819	25@0	DFT_BPSK	4.486	4.890	PASS
n26(814-824)	15	5	163800	819	25@0	CP_QPSK	4.476	4.910	PASS
n26(814-824)	15	5	163800	819	25@0	CP_16QAM	4.496	4.910	PASS
n26(814-824)	15	5	163800	819	25@0	CP_64QAM	4.496	4.900	PASS
n26(814-824)	15	5	163800	819	25@0	CP_256QAM	4.486	4.910	PASS
n26(814-824)	15	10	163800	819	50@0	DFT_BPSK	9.011	9.540	PASS
n26(814-824)	15	10	163800	819	52@0	CP_QPSK	9.291	9.880	PASS
n26(814-824)	15	10	163800	819	52@0	CP_16QAM	9.311	9.920	PASS
n26(814-824)	15	10	163800	819	52@0	CP_64QAM	9.311	9.880	PASS
n26(814-824)	15	10	163800	819	52@0	CP_256QAM	9.311	10.140	PASS



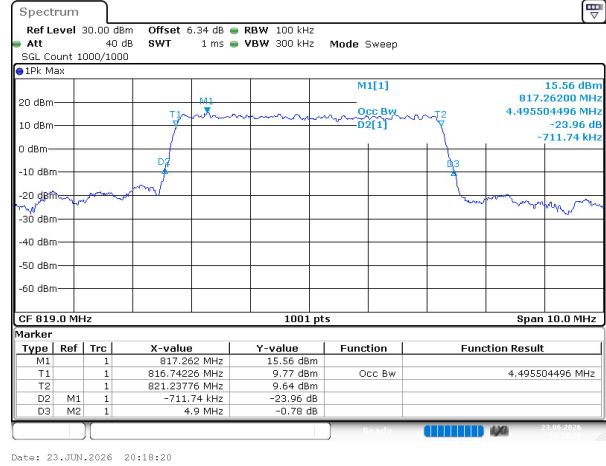
n26(814-824) SCS=15kHz DFT_BPSK BW=5MHz
Channel=163800 RB=25@0



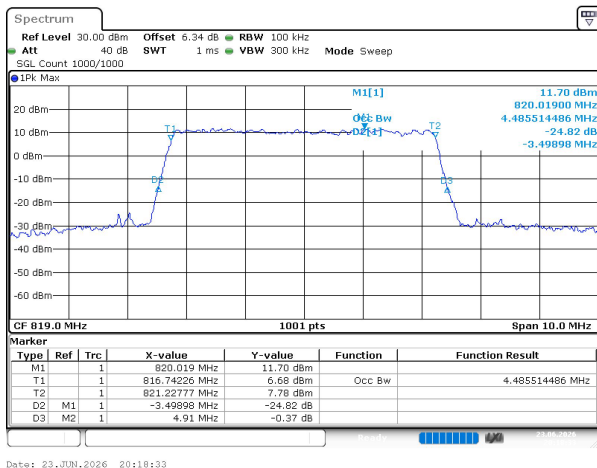
n26(814-824) SCS=15kHz CP_QPSK BW=5MHz
Channel=163800 RB=25@0



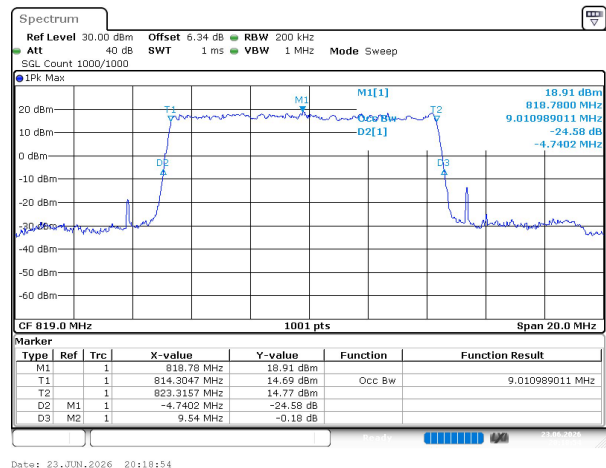
n26(814-824) SCS=15kHz CP_16QAM BW=5MHz
Channel=163800 RB=25@0



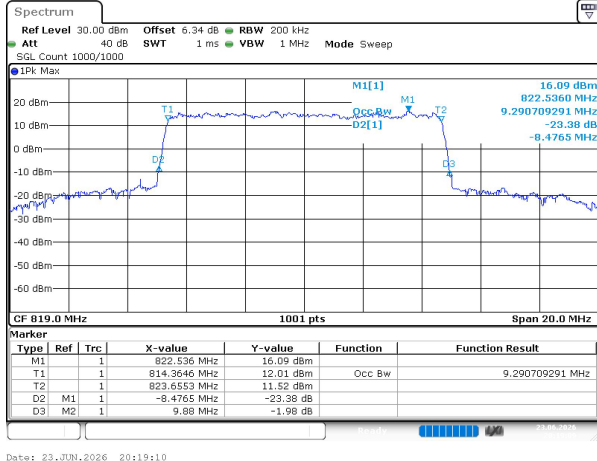
n26(814-824) SCS=15kHz CP_64QAM BW=5MHz
Channel=163800 RB=25@0



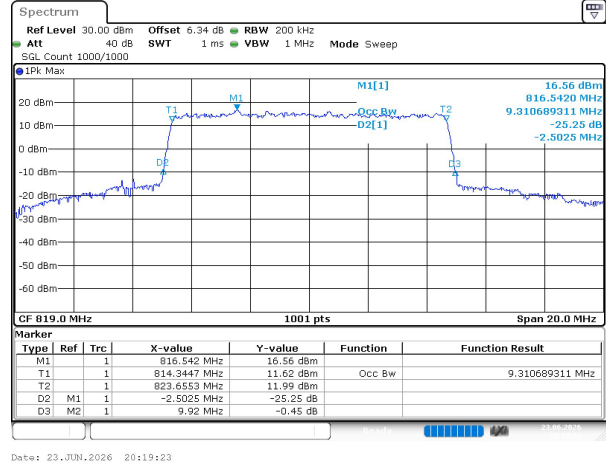
n26(814-824) SCS=15kHz CP_256QAM BW=5MHz
Channel=163800 RB=25@0



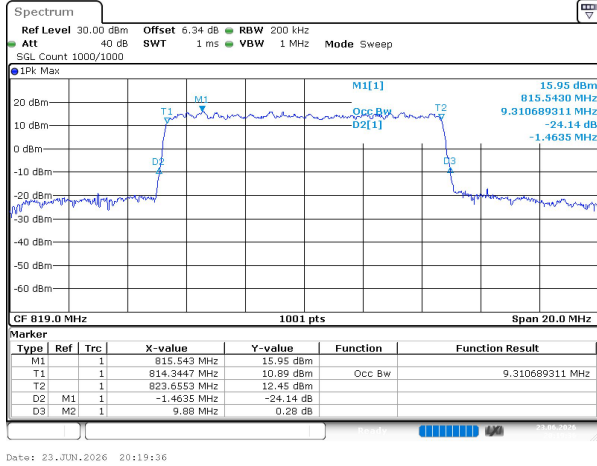
n26(814-824) SCS=15kHz DFT_BPSK BW=10MHz
Channel=163800 RB=50@0



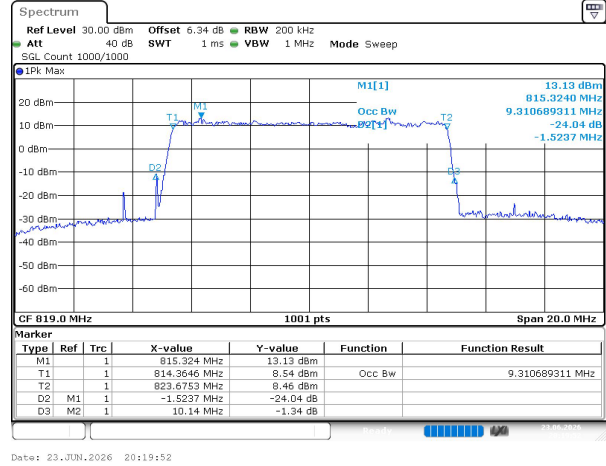
n26(814-824) SCS=15kHz CP_QPSK BW=10MHz
Channel=163800 RB=52@0



n26(814-824) SCS=15kHz CP_16QAM BW=10MHz
Channel=163800 RB=52@0

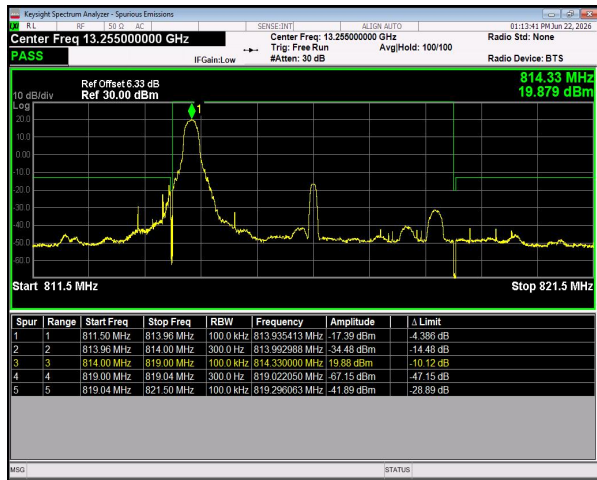


n26(814-824) SCS=15kHz CP_64QAM BW=10MHz
Channel=163800 RB=52@0



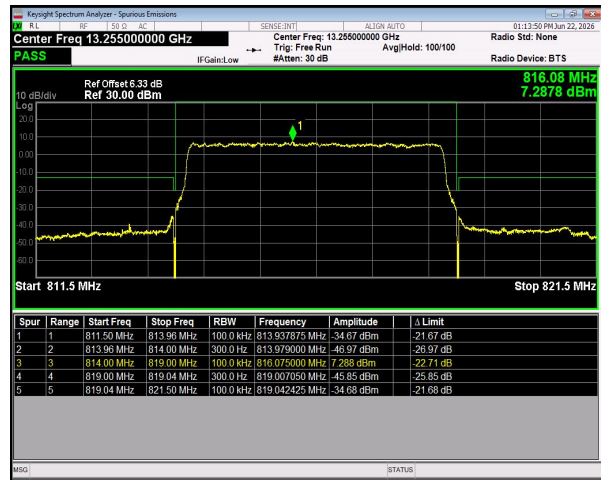
n26(814-824) SCS=15kHz CP_256QAM BW=10MHz
Channel=163800 RB=52@0

5. Conducted Band Edge



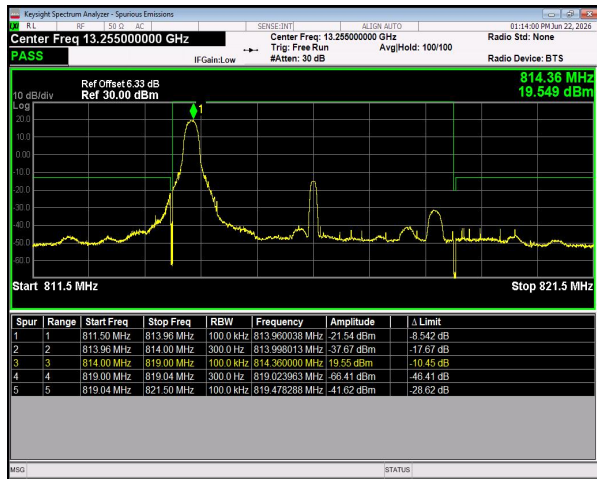
n26(814-824) SCS=15kHz DFT_BPSK BW=5MHz

LowChannel=163300 RB=1@0



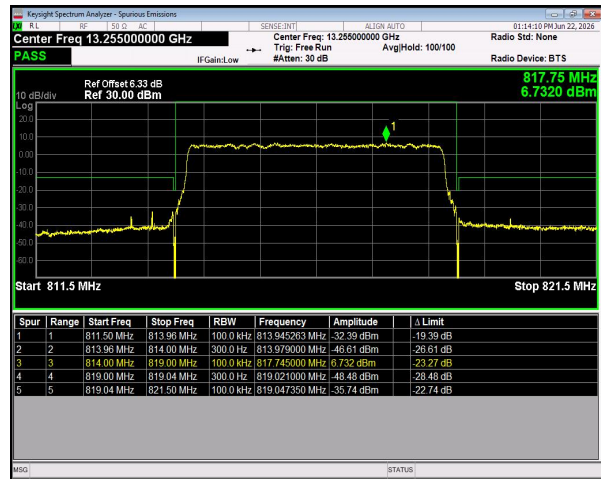
n26(814-824) SCS=15kHz DFT_BPSK BW=5MHz

LowChannel=163300 RB=25@0



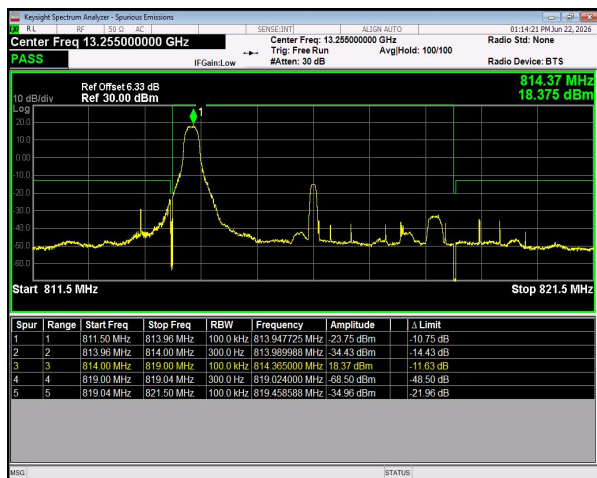
n26(814-824) SCS=15kHz DFT_QPSK BW=5MHz

LowChannel=163300 RB=1@0



n26(814-824) SCS=15kHz DFT_QPSK BW=5MHz

LowChannel=163300 RB=25@0



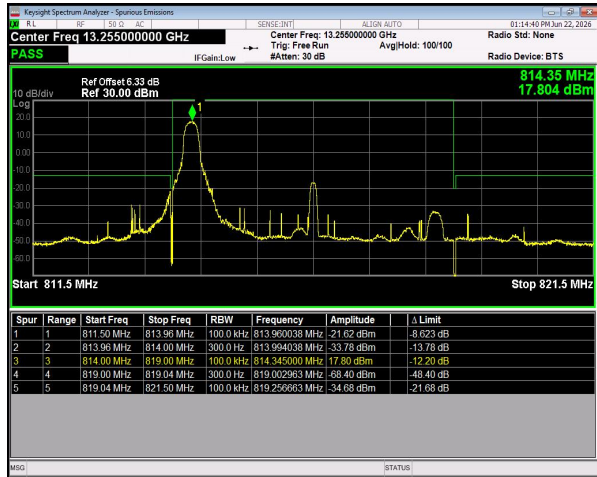
n26(814-824) SCS=15kHz DFT_16QAM BW=5MHz

LowChannel=163300 RB=1@0

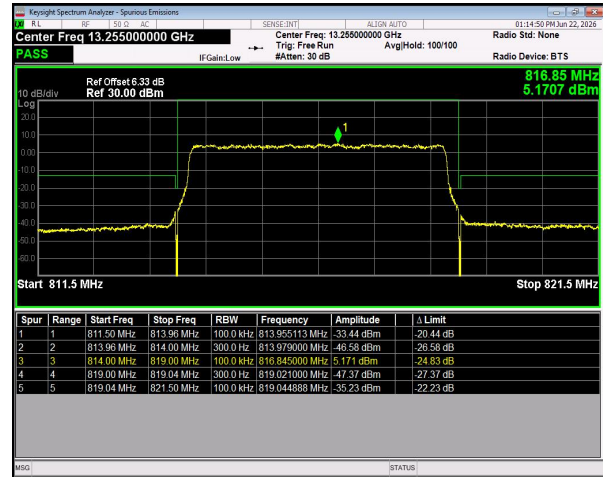


n26(814-824) SCS=15kHz DFT_16QAM BW=5MHz

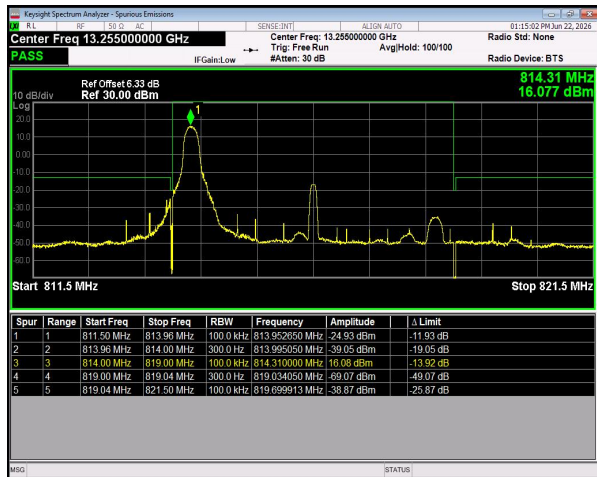
LowChannel=163300 RB=25@0



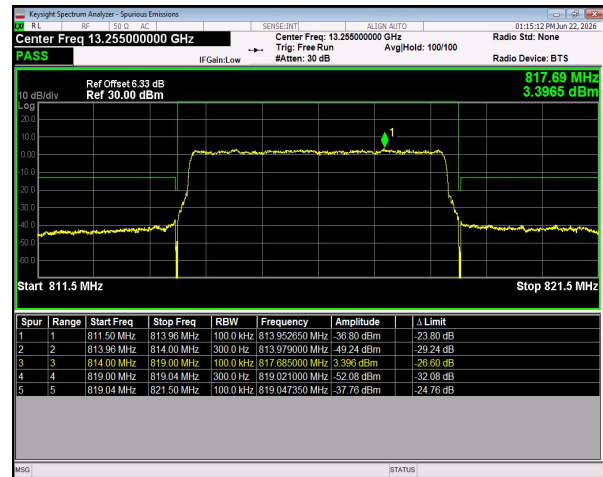
n26(814-824) SCS=15kHz DFT_64QAM BW=5MHz
LowChannel=163300 RB=1@0



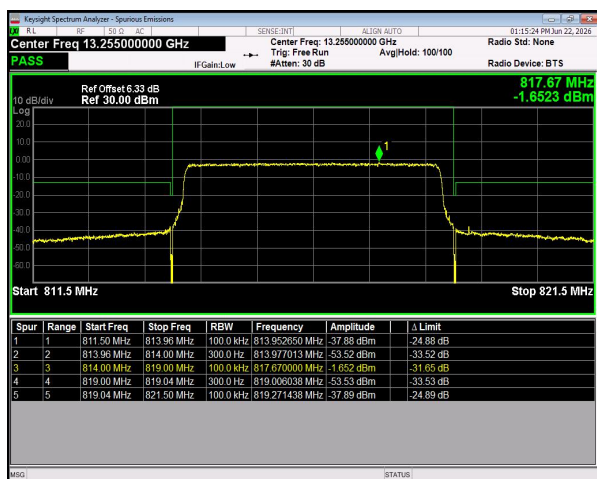
n26(814-824) SCS=15kHz DFT_64QAM BW=5MHz
LowChannel=163300 RB=25@0



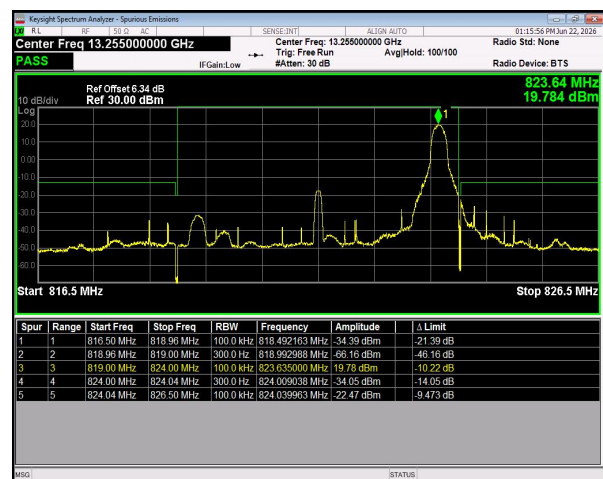
n26(814-824) SCS=15kHz DFT_256QAM BW=5MHz
LowChannel=163300 RB=1@0



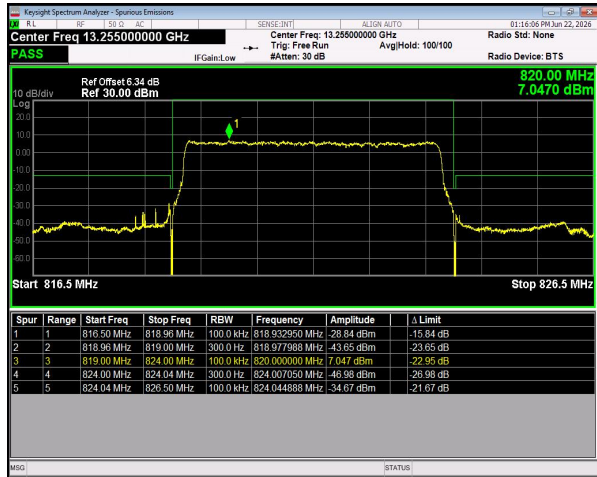
n26(814-824) SCS=15kHz DFT_256QAM BW=5MHz
LowChannel=163300 RB=25@0



n26(814-824) SCS=15kHz CP_QPSK BW=5MHz
LowChannel=163300 RB=25@0

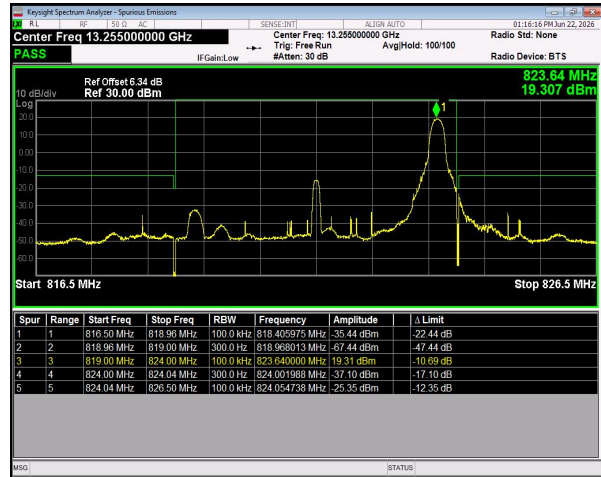


n26(814-824) SCS=15kHz DFT_BPSK BW=5MHz
HighChannel=164300 RB=1@24



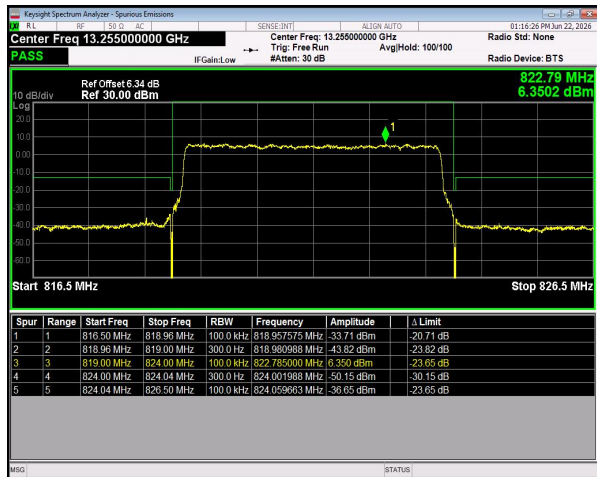
n26(814-824) SCS=15kHz DFT_BPSK BW=5MHz

HighChannel=164300 RB=25@0



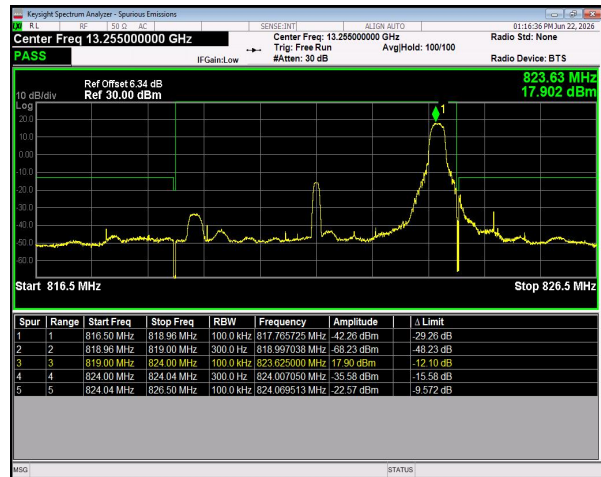
n26(814-824) SCS=15kHz DFT_QPSK BW=5MHz

HighChannel=164300 RB=1@24



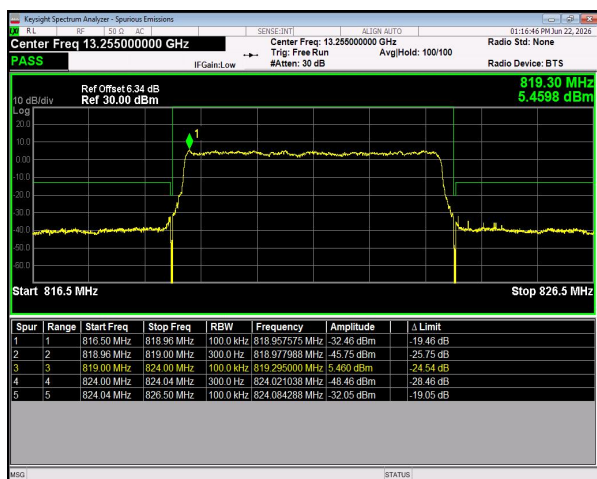
n26(814-824) SCS=15kHz DFT_QPSK BW=5MHz

HighChannel=164300 RB=25@0



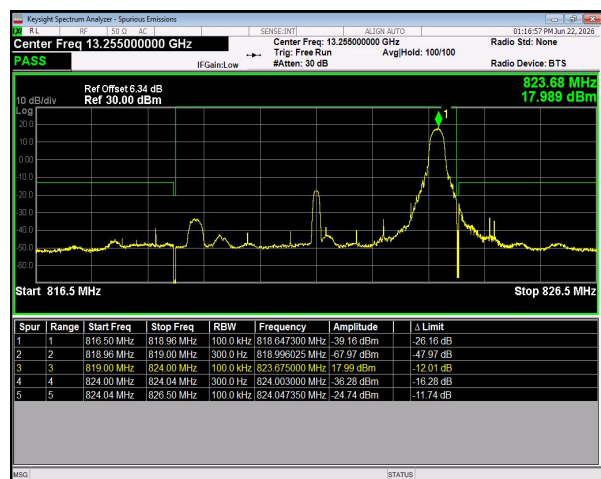
n26(814-824) SCS=15kHz DFT_16QAM BW=5MHz

HighChannel=164300 RB=1@24



n26(814-824) SCS=15kHz DFT_16QAM BW=5MHz

HighChannel=164300 RB=25@0



n26(814-824) SCS=15kHz DFT_64QAM BW=5MHz

HighChannel=164300 RB=1@24