

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	21.69	147.57	100000	PASS
n26(814-824)	15	5	163300	12@6	DFT_BPSK	22.21	166.34	100000	PASS
n26(814-824)	15	5	163300	1@1	DFT_BPSK	21.98	157.76	100000	PASS
n26(814-824)	15	5	163300	1@23	DFT_BPSK	22.14	163.68	100000	PASS
n26(814-824)	15	5	163300	25@0	DFT_QPSK	21.21	132.13	100000	PASS
n26(814-824)	15	5	163300	12@6	DFT_QPSK	22.21	166.34	100000	PASS
n26(814-824)	15	5	163300	1@1	DFT_QPSK	21.95	156.68	100000	PASS
n26(814-824)	15	5	163300	1@23	DFT_QPSK	22.12	162.93	100000	PASS
n26(814-824)	15	5	163300	25@0	DFT_16QAM	20.19	104.47	100000	PASS
n26(814-824)	15	5	163300	12@6	DFT_16QAM	21.16	130.62	100000	PASS
n26(814-824)	15	5	163300	1@1	DFT_16QAM	21.08	128.23	100000	PASS
n26(814-824)	15	5	163300	1@23	DFT_16QAM	21.25	133.35	100000	PASS
n26(814-824)	15	5	163300	25@0	DFT_64QAM	19.72	93.76	100000	PASS
n26(814-824)	15	5	163300	12@6	DFT_64QAM	19.74	94.19	100000	PASS
n26(814-824)	15	5	163300	1@1	DFT_64QAM	19.59	90.99	100000	PASS
n26(814-824)	15	5	163300	1@23	DFT_64QAM	19.75	94.41	100000	PASS
n26(814-824)	15	5	163300	25@0	DFT_256QAM	17.64	58.08	100000	PASS
n26(814-824)	15	5	163300	12@6	DFT_256QAM	17.71	59.02	100000	PASS
n26(814-824)	15	5	163300	1@1	DFT_256QAM	17.46	55.72	100000	PASS
n26(814-824)	15	5	163300	1@23	DFT_256QAM	17.58	57.28	100000	PASS
n26(814-824)	15	5	163300	25@0	CP_QPSK	19.21	83.37	100000	PASS
n26(814-824)	15	5	163300	13@6	CP_QPSK	20.63	115.61	100000	PASS
n26(814-824)	15	5	163300	1@1	CP_QPSK	20.45	110.92	100000	PASS
n26(814-824)	15	5	163300	1@23	CP_QPSK	20.61	115.08	100000	PASS
n26(814-824)	15	5	163300	25@0	CP_16QAM	19.24	83.95	100000	PASS
n26(814-824)	15	5	163300	13@6	CP_16QAM	20.24	105.68	100000	PASS
n26(814-824)	15	5	163300	1@1	CP_16QAM	20.23	105.44	100000	PASS
n26(814-824)	15	5	163300	1@23	CP_16QAM	20.39	109.4	100000	PASS
n26(814-824)	15	5	163300	25@0	CP_64QAM	18.69	73.96	100000	PASS
n26(814-824)	15	5	163300	13@6	CP_64QAM	18.64	73.11	100000	PASS
n26(814-824)	15	5	163300	1@1	CP_64QAM	18.43	69.66	100000	PASS
n26(814-824)	15	5	163300	1@23	CP_64QAM	18.57	71.94	100000	PASS
n26(814-824)	15	5	163300	25@0	CP_256QAM	15.58	36.14	100000	PASS
n26(814-824)	15	5	163300	13@6	CP_256QAM	15.56	35.97	100000	PASS
n26(814-824)	15	5	163300	1@1	CP_256QAM	15.56	35.97	100000	PASS

n26(814-824)	15	5	163300	1@23	CP_256QAM	15.66	36.81	100000	PASS
n26(814-824)	15	5	163800	25@0	DFT_BPSK	21.71	148.25	100000	PASS
n26(814-824)	15	5	163800	12@6	DFT_BPSK	22.23	167.11	100000	PASS
n26(814-824)	15	5	163800	1@1	DFT_BPSK	22.1	162.18	100000	PASS
n26(814-824)	15	5	163800	1@23	DFT_BPSK	22.14	163.68	100000	PASS
n26(814-824)	15	5	163800	25@0	DFT_QPSK	21.2	131.83	100000	PASS
n26(814-824)	15	5	163800	12@6	DFT_QPSK	22.22	166.72	100000	PASS
n26(814-824)	15	5	163800	1@1	DFT_QPSK	22.09	161.81	100000	PASS
n26(814-824)	15	5	163800	1@23	DFT_QPSK	22.1	162.18	100000	PASS
n26(814-824)	15	5	163800	25@0	DFT_16QAM	20.19	104.47	100000	PASS
n26(814-824)	15	5	163800	12@6	DFT_16QAM	21.19	131.52	100000	PASS
n26(814-824)	15	5	163800	1@1	DFT_16QAM	21.21	132.13	100000	PASS
n26(814-824)	15	5	163800	1@23	DFT_16QAM	21.21	132.13	100000	PASS
n26(814-824)	15	5	163800	25@0	DFT_64QAM	19.74	94.19	100000	PASS
n26(814-824)	15	5	163800	12@6	DFT_64QAM	19.72	93.76	100000	PASS
n26(814-824)	15	5	163800	1@1	DFT_64QAM	19.74	94.19	100000	PASS
n26(814-824)	15	5	163800	1@23	DFT_64QAM	19.73	93.97	100000	PASS
n26(814-824)	15	5	163800	25@0	DFT_256QAM	17.68	58.61	100000	PASS
n26(814-824)	15	5	163800	12@6	DFT_256QAM	17.71	59.02	100000	PASS
n26(814-824)	15	5	163800	1@1	DFT_256QAM	17.57	57.15	100000	PASS
n26(814-824)	15	5	163800	1@23	DFT_256QAM	17.59	57.41	100000	PASS
n26(814-824)	15	5	163800	25@0	CP_QPSK	19.22	83.56	100000	PASS
n26(814-824)	15	5	163800	13@6	CP_QPSK	20.7	117.49	100000	PASS
n26(814-824)	15	5	163800	1@1	CP_QPSK	20.58	114.29	100000	PASS
n26(814-824)	15	5	163800	1@23	CP_QPSK	20.6	114.82	100000	PASS
n26(814-824)	15	5	163800	25@0	CP_16QAM	19.28	84.72	100000	PASS
n26(814-824)	15	5	163800	13@6	CP_16QAM	20.27	106.41	100000	PASS
n26(814-824)	15	5	163800	1@1	CP_16QAM	20.33	107.89	100000	PASS
n26(814-824)	15	5	163800	1@23	CP_16QAM	20.37	108.89	100000	PASS
n26(814-824)	15	5	163800	25@0	CP_64QAM	18.74	74.82	100000	PASS
n26(814-824)	15	5	163800	13@6	CP_64QAM	18.69	73.96	100000	PASS
n26(814-824)	15	5	163800	1@1	CP_64QAM	18.56	71.78	100000	PASS
n26(814-824)	15	5	163800	1@23	CP_64QAM	18.56	71.78	100000	PASS
n26(814-824)	15	5	163800	25@0	CP_256QAM	15.65	36.73	100000	PASS
n26(814-824)	15	5	163800	13@6	CP_256QAM	15.65	36.73	100000	PASS
n26(814-824)	15	5	163800	1@1	CP_256QAM	15.62	36.48	100000	PASS
n26(814-824)	15	5	163800	1@23	CP_256QAM	15.69	37.07	100000	PASS
n26(814-824)	15	5	164300	25@0	DFT_BPSK	21.76	149.97	100000	PASS
n26(814-824)	15	5	164300	12@6	DFT_BPSK	22.24	167.49	100000	PASS
n26(814-824)	15	5	164300	1@1	DFT_BPSK	22.13	163.31	100000	PASS
n26(814-824)	15	5	164300	1@23	DFT_BPSK	22.12	162.93	100000	PASS
n26(814-824)	15	5	164300	25@0	DFT_QPSK	21.26	133.66	100000	PASS
n26(814-824)	15	5	164300	12@6	DFT_QPSK	22.25	167.88	100000	PASS

n26(814-824)	15	5	164300	1@1	DFT_QPSK	22.11	162.55	100000	PASS
n26(814-824)	15	5	164300	1@23	DFT_QPSK	22.14	163.68	100000	PASS
n26(814-824)	15	5	164300	25@0	DFT_16QAM	20.25	105.93	100000	PASS
n26(814-824)	15	5	164300	12@6	DFT_16QAM	21.22	132.43	100000	PASS
n26(814-824)	15	5	164300	1@1	DFT_16QAM	21.24	133.05	100000	PASS
n26(814-824)	15	5	164300	1@23	DFT_16QAM	21.26	133.66	100000	PASS
n26(814-824)	15	5	164300	25@0	DFT_64QAM	19.77	94.84	100000	PASS
n26(814-824)	15	5	164300	12@6	DFT_64QAM	19.7	93.33	100000	PASS
n26(814-824)	15	5	164300	1@1	DFT_64QAM	19.73	93.97	100000	PASS
n26(814-824)	15	5	164300	1@23	DFT_64QAM	19.72	93.76	100000	PASS
n26(814-824)	15	5	164300	25@0	DFT_256QAM	17.74	59.43	100000	PASS
n26(814-824)	15	5	164300	12@6	DFT_256QAM	17.72	59.16	100000	PASS
n26(814-824)	15	5	164300	1@1	DFT_256QAM	17.56	57.02	100000	PASS
n26(814-824)	15	5	164300	1@23	DFT_256QAM	17.61	57.68	100000	PASS
n26(814-824)	15	5	164300	25@0	CP_QPSK	19.24	83.95	100000	PASS
n26(814-824)	15	5	164300	13@6	CP_QPSK	20.69	117.22	100000	PASS
n26(814-824)	15	5	164300	1@1	CP_QPSK	20.6	114.82	100000	PASS
n26(814-824)	15	5	164300	1@23	CP_QPSK	20.63	115.61	100000	PASS
n26(814-824)	15	5	164300	25@0	CP_16QAM	19.31	85.31	100000	PASS
n26(814-824)	15	5	164300	13@6	CP_16QAM	20.32	107.65	100000	PASS
n26(814-824)	15	5	164300	1@1	CP_16QAM	20.41	109.9	100000	PASS
n26(814-824)	15	5	164300	1@23	CP_16QAM	20.38	109.14	100000	PASS
n26(814-824)	15	5	164300	25@0	CP_64QAM	18.76	75.16	100000	PASS
n26(814-824)	15	5	164300	13@6	CP_64QAM	18.67	73.62	100000	PASS
n26(814-824)	15	5	164300	1@1	CP_64QAM	18.58	72.11	100000	PASS
n26(814-824)	15	5	164300	1@23	CP_64QAM	18.62	72.78	100000	PASS
n26(814-824)	15	5	164300	25@0	CP_256QAM	15.67	36.9	100000	PASS
n26(814-824)	15	5	164300	13@6	CP_256QAM	15.7	37.15	100000	PASS
n26(814-824)	15	5	164300	1@1	CP_256QAM	15.65	36.73	100000	PASS
n26(814-824)	15	5	164300	1@23	CP_256QAM	15.74	37.5	100000	PASS
n26(814-824)	15	10	163800	50@0	DFT_BPSK	21.63	145.55	100000	PASS
n26(814-824)	15	10	163800	25@12	DFT_BPSK	22.15	164.06	100000	PASS
n26(814-824)	15	10	163800	1@1	DFT_BPSK	22.03	159.59	100000	PASS
n26(814-824)	15	10	163800	1@50	DFT_BPSK	22.18	165.2	100000	PASS
n26(814-824)	15	10	163800	50@0	DFT_QPSK	21.16	130.62	100000	PASS
n26(814-824)	15	10	163800	25@12	DFT_QPSK	22.15	164.06	100000	PASS
n26(814-824)	15	10	163800	1@1	DFT_QPSK	22	158.49	100000	PASS
n26(814-824)	15	10	163800	1@50	DFT_QPSK	22.18	165.2	100000	PASS
n26(814-824)	15	10	163800	50@0	DFT_16QAM	20.14	103.28	100000	PASS
n26(814-824)	15	10	163800	25@12	DFT_16QAM	21.17	130.92	100000	PASS
n26(814-824)	15	10	163800	1@1	DFT_16QAM	21.11	129.12	100000	PASS
n26(814-824)	15	10	163800	1@50	DFT_16QAM	21.29	134.59	100000	PASS
n26(814-824)	15	10	163800	50@0	DFT_64QAM	19.65	92.26	100000	PASS

n26(814-824)	15	10	163800	25@12	DFT_64QAM	19.7	93.33	100000	PASS
n26(814-824)	15	10	163800	1@1	DFT_64QAM	19.64	92.04	100000	PASS
n26(814-824)	15	10	163800	1@50	DFT_64QAM	19.8	95.5	100000	PASS
n26(814-824)	15	10	163800	50@0	DFT_256QAM	17.61	57.68	100000	PASS
n26(814-824)	15	10	163800	25@12	DFT_256QAM	17.61	57.68	100000	PASS
n26(814-824)	15	10	163800	1@1	DFT_256QAM	17.5	56.23	100000	PASS
n26(814-824)	15	10	163800	1@50	DFT_256QAM	17.65	58.21	100000	PASS
n26(814-824)	15	10	163800	52@0	CP_QPSK	19.15	82.22	100000	PASS
n26(814-824)	15	10	163800	26@13	CP_QPSK	20.65	116.14	100000	PASS
n26(814-824)	15	10	163800	1@1	CP_QPSK	20.51	112.46	100000	PASS
n26(814-824)	15	10	163800	1@50	CP_QPSK	20.66	116.41	100000	PASS
n26(814-824)	15	10	163800	52@0	CP_16QAM	19.14	82.04	100000	PASS
n26(814-824)	15	10	163800	26@13	CP_16QAM	20.18	104.23	100000	PASS
n26(814-824)	15	10	163800	1@1	CP_16QAM	20.23	105.44	100000	PASS
n26(814-824)	15	10	163800	1@50	CP_16QAM	20.41	109.9	100000	PASS
n26(814-824)	15	10	163800	52@0	CP_64QAM	18.64	73.11	100000	PASS
n26(814-824)	15	10	163800	26@13	CP_64QAM	18.67	73.62	100000	PASS
n26(814-824)	15	10	163800	1@1	CP_64QAM	18.44	69.82	100000	PASS
n26(814-824)	15	10	163800	1@50	CP_64QAM	18.68	73.79	100000	PASS
n26(814-824)	15	10	163800	52@0	CP_256QAM	15.58	36.14	100000	PASS
n26(814-824)	15	10	163800	26@13	CP_256QAM	15.59	36.22	100000	PASS
n26(814-824)	15	10	163800	1@1	CP_256QAM	15.6	36.31	100000	PASS
n26(814-824)	15	10	163800	1@50	CP_256QAM	15.79	37.93	100000	PASS

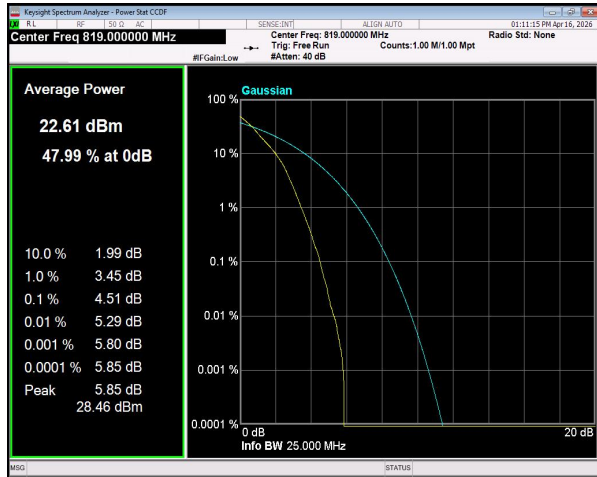
2. Frequency Stability

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	-3.5	-0.00427	-2.5	2.5	PASS
20	3	n26(814-824)	15	10	163800	50@0	DFT_BP SK	0.3	0.00037	-2.5	2.5	PASS
20	4.35	n26(814-824)	15	10	163800	50@0	DFT_BP SK	-0.7	-0.00085	-2.5	2.5	PASS
-30	3.84	n26(814-824)	15	10	163800	50@0	DFT_BP SK	-1.7	-0.00208	-2.5	2.5	PASS
-20	3.84	n26(814-824)	15	10	163800	50@0	DFT_BP SK	-3.7	-0.00452	-2.5	2.5	PASS
-10	3.84	n26(814-824)	15	10	163800	50@0	DFT_BP SK	-5.09	-0.00621	-2.5	2.5	PASS
0	3.84	n26(814-824)	15	10	163800	50@0	DFT_BP SK	-1.7	-0.00208	-2.5	2.5	PASS
10	3.84	n26(814-824)	15	10	163800	50@0	DFT_BP SK	-8.5	-0.01038	-2.5	2.5	PASS
30	3.84	n26(814-824)	15	10	163800	50@0	DFT_BP SK	-0.3	-0.00037	-2.5	2.5	PASS
40	3.84	n26(814-824)	15	10	163800	50@0	DFT_BP SK	0.5	0.00061	-2.5	2.5	PASS
50	3.84	n26(814-824)	15	10	163800	50@0	DFT_BP SK	-1.2	-0.00147	-2.5	2.5	PASS

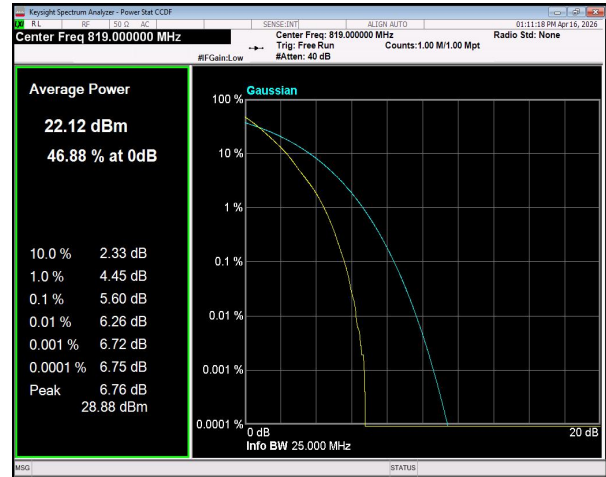
Note: The frequency fundamental emissions stay within the authorized frequency block.

3. Peak-to-average Ratio

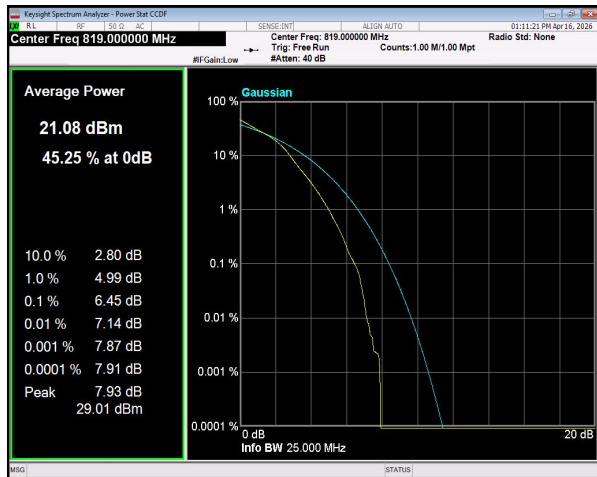
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	High Limit (dB)	Verdict
n26(814-824)	15	10	163800	50@0	DFT_BPSK	4.51	13	PASS
n26(814-824)	15	10	163800	50@0	DFT_QPSK	5.60	13	PASS
n26(814-824)	15	10	163800	50@0	DFT_16QAM	6.45	13	PASS
n26(814-824)	15	10	163800	50@0	DFT_64QAM	6.63	13	PASS
n26(814-824)	15	10	163800	50@0	DFT_256QAM	6.62	13	PASS



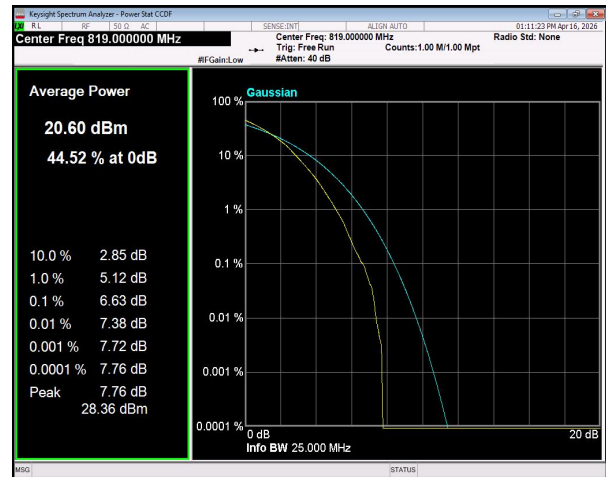
n26(814-824) SCS=15kHz DFT_BPSK BW=10MHz
Channel=163800 RB=50@0



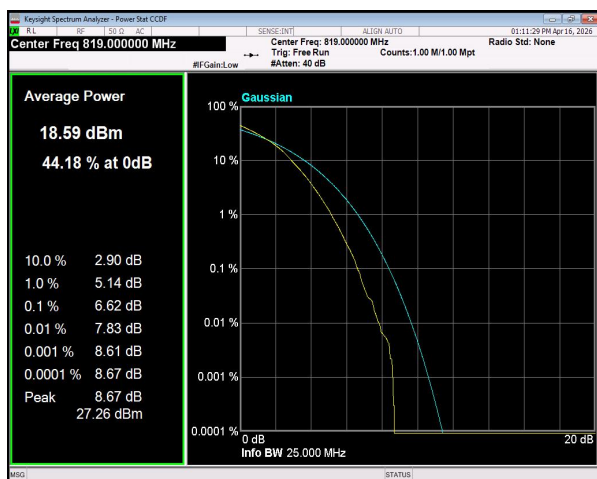
n26(814-824) SCS=15kHz DFT_QPSK BW=10MHz
Channel=163800 RB=50@0



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



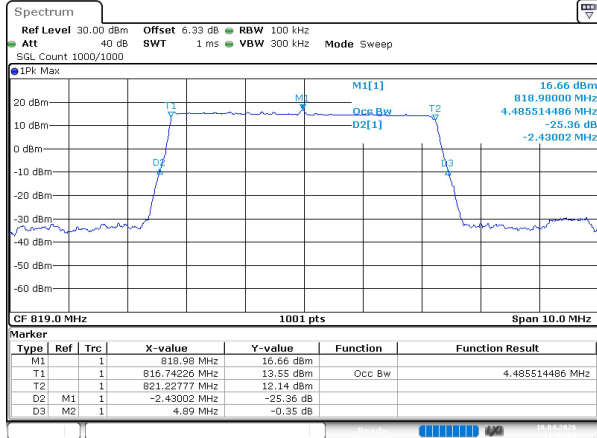
n26(814-824) SCS=15kHz DFT_64QAM BW=10MHz
Channel=163800 RB=50@0



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

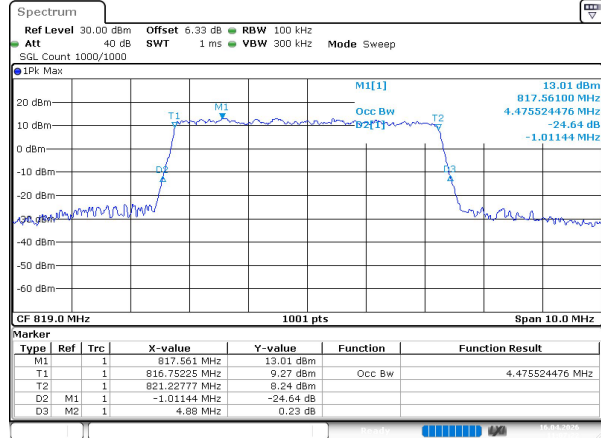
4. Occupied Bandwidth

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	4.880	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	4.486	4.930	PASS
n26(814-824)	15	5	163800	819	25@0	CP_256QAM	4.486	4.930	PASS
n26(814-824)	15	10	163800	819	50@0	DFT_BPSK	8.991	9.560	PASS
n26(814-824)	15	10	163800	819	52@0	CP_QPSK	9.291	9.900	PASS
n26(814-824)	15	10	163800	819	52@0	CP_16QAM	9.311	9.960	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	9.291	9.900	PASS



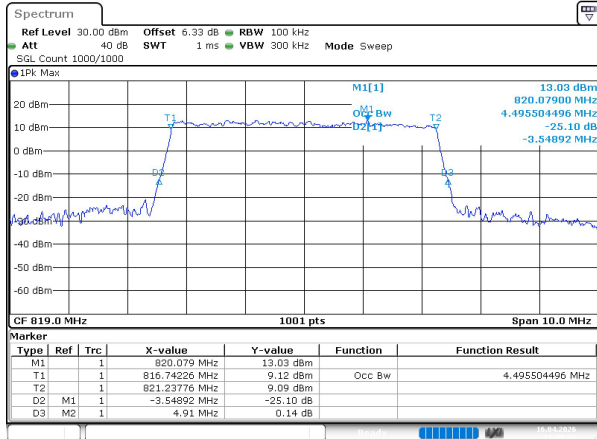
n26(814-824) SCS=15kHz DFT_BPSK BW=5MHz

Channel=163800 RB=25@0



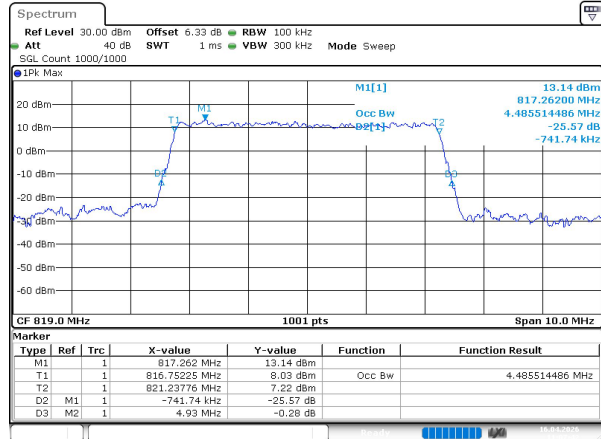
n26(814-824) SCS=15kHz CP_QPSK BW=5MHz

Channel=163800 RB=25@0



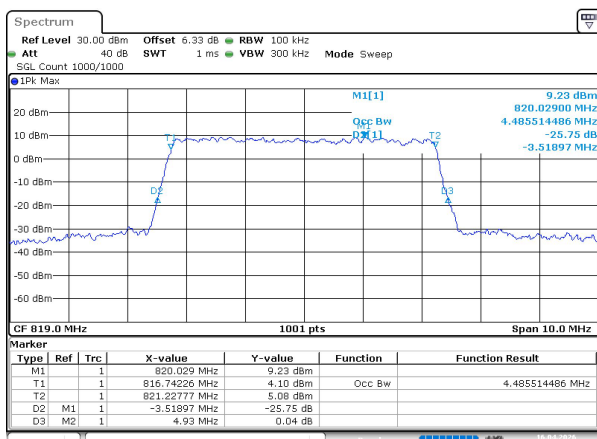
n26(814-824) SCS=15kHz CP_16QAM BW=5MHz

Channel=163800 RB=25@0



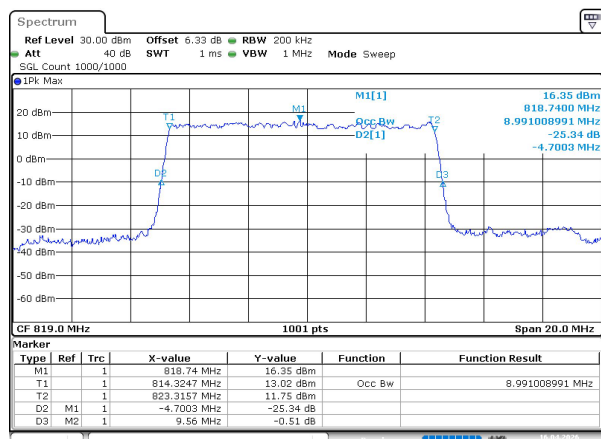
n26(814-824) SCS=15kHz CP_64QAM BW=5MHz

Channel=163800 RB=25@0



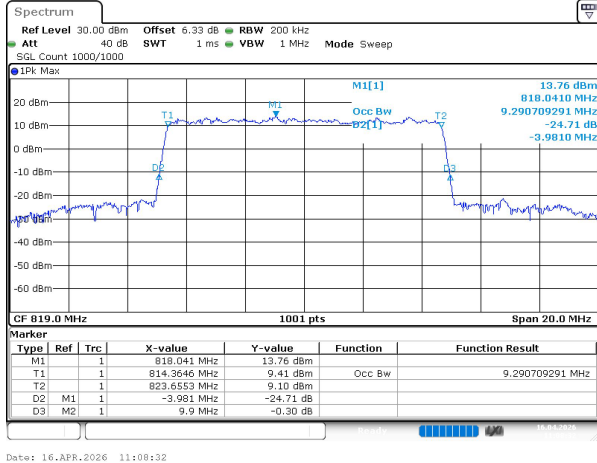
n26(814-824) SCS=15kHz CP_256QAM BW=5MHz

Channel=163800 RB=25@0

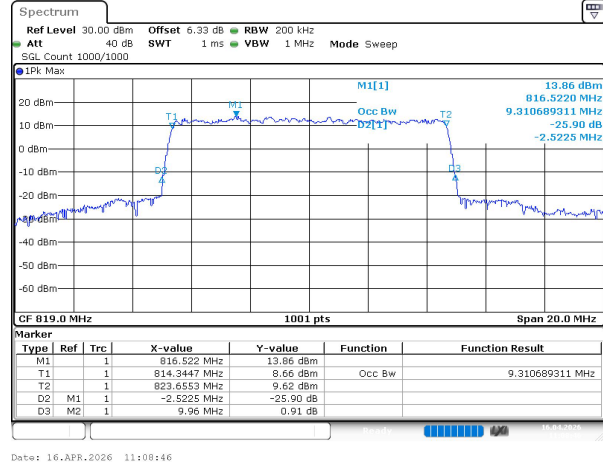


n26(814-824) SCS=15kHz DFT_BPSK BW=10MHz

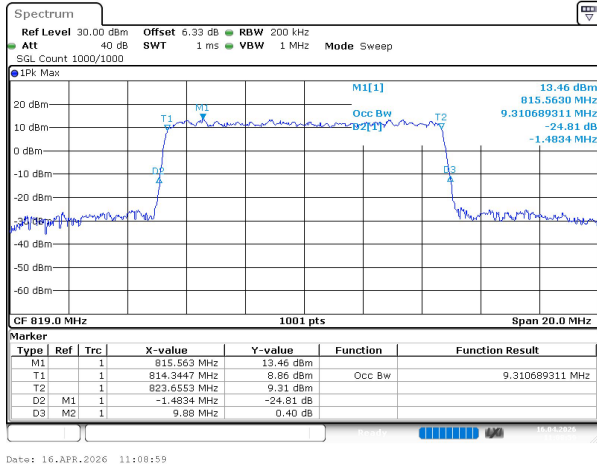
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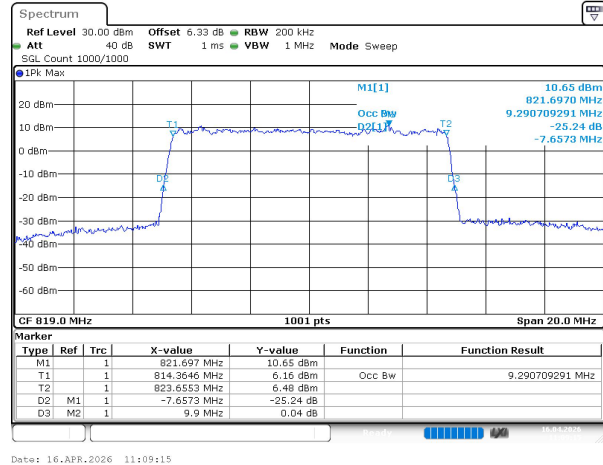
n26(814-824) SCS=15kHz CP_QPSK BW=10MHz
Channel=163800 RB=52@0



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

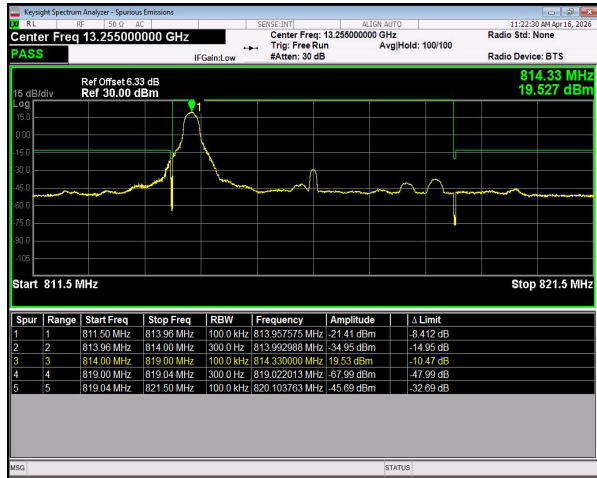


n26(814-824) SCS=15kHz CP_64QAM BW=10MHz
Channel=163800 RB=52@0



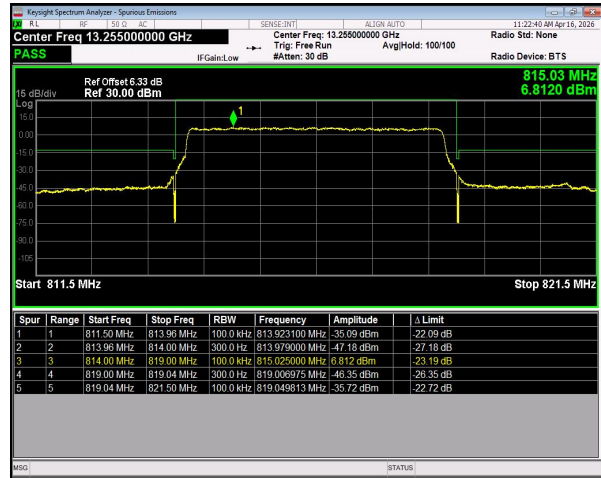
n26(814-824) SCS=15kHz CP_256QAM BW=10MHz
Channel=163800 RB=52@0

5. Conducted Band Edge



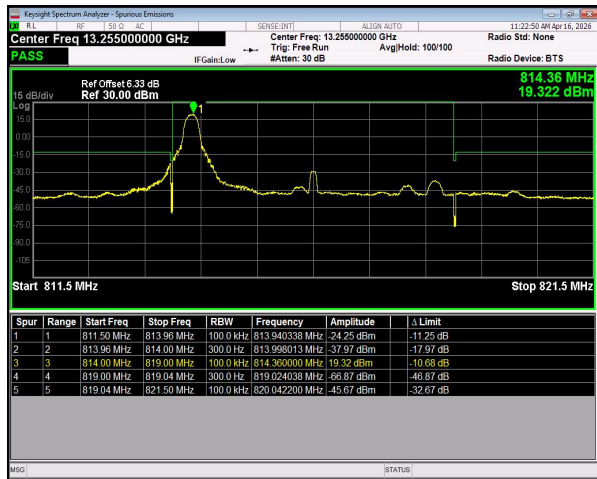
n26(814-824) SCS=15kHz DFT_BPSK BW=5MHz

LowChannel=163300 RB=1@0



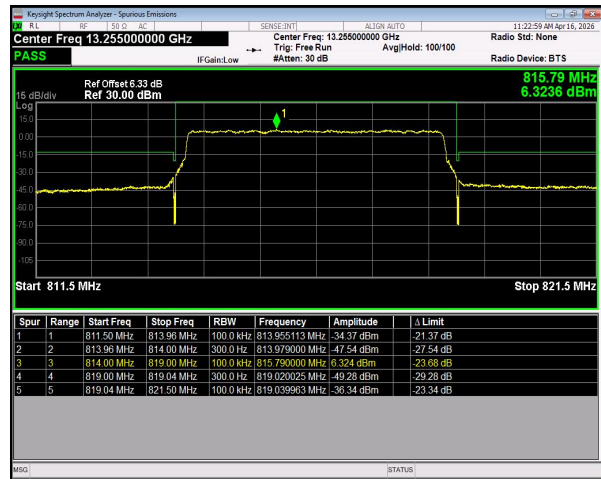
n26(814-824) SCS=15kHz DFT_BPSK BW=5MHz

LowChannel=163300 RB=25@0



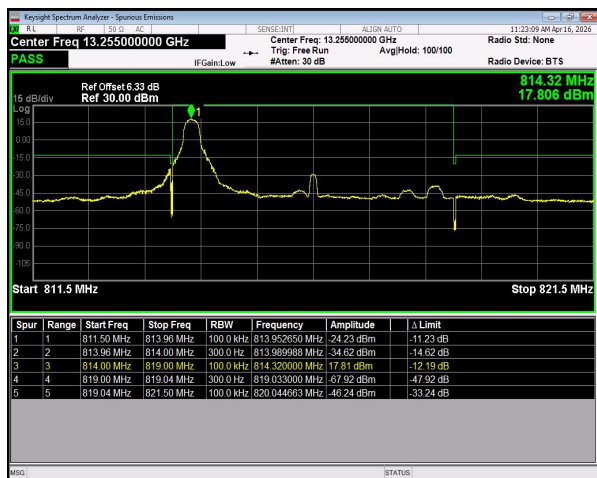
n26(814-824) SCS=15kHz DFT_QPSK BW=5MHz

LowChannel=163300 RB=1@0



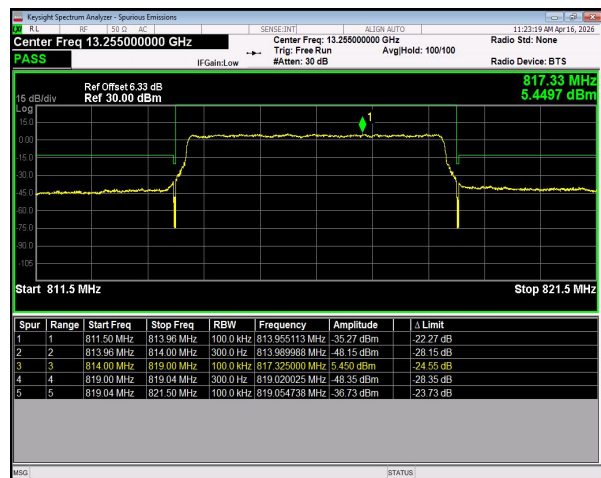
n26(814-824) SCS=15kHz DFT_QPSK BW=5MHz

LowChannel=163300 RB=25@0



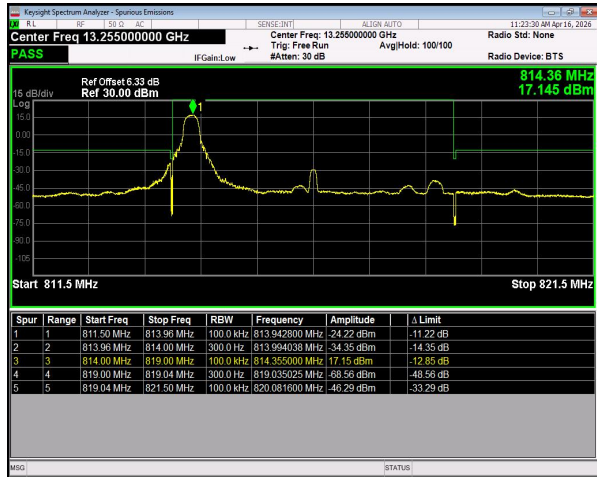
n26(814-824) SCS=15kHz DFT_16QAM BW=5MHz

LowChannel=163300 RB=1@0

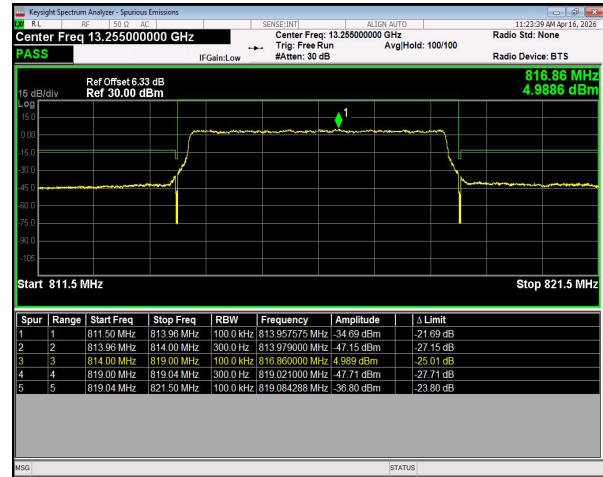


n26(814-824) SCS=15kHz DFT_16QAM BW=5MHz

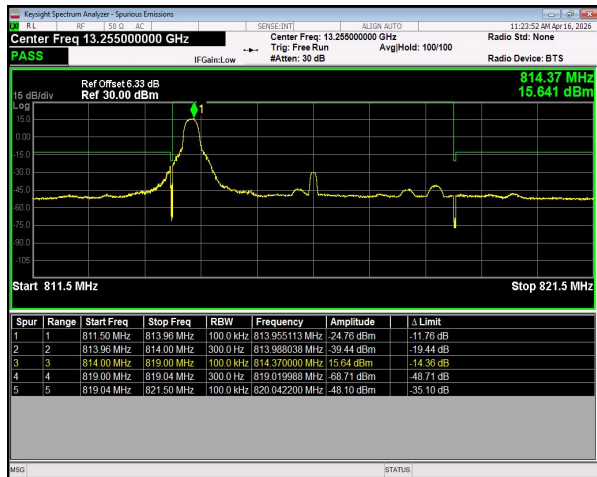
LowChannel=163300 RB=25@0



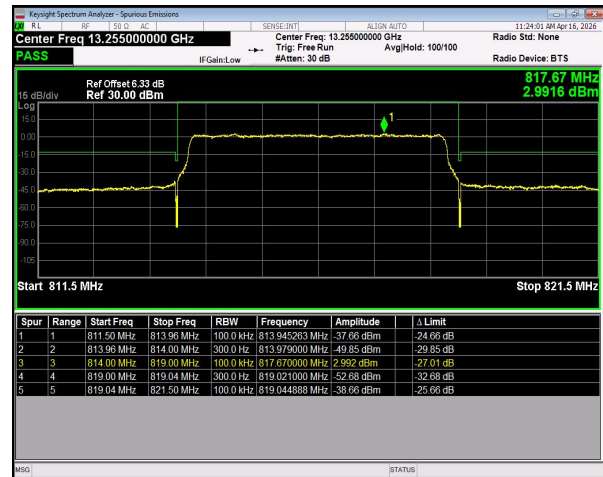
n26(814-824) SCS=15kHz DFT_64QAM BW=5MHz
LowChannel=163300 RB=1@0



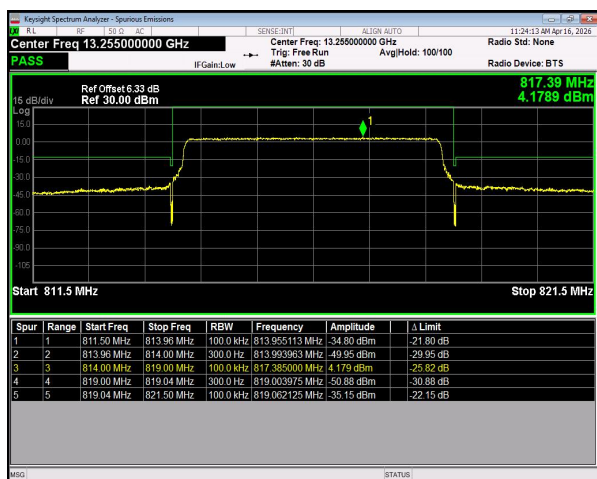
n26(814-824) SCS=15kHz DFT_64QAM BW=5MHz
LowChannel=163300 RB=25@0



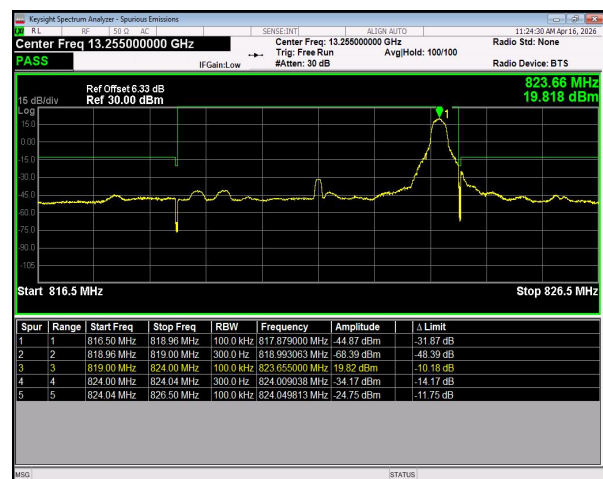
n26(814-824) SCS=15kHz DFT_256QAM BW=5MHz
LowChannel=163300 RB=1@0



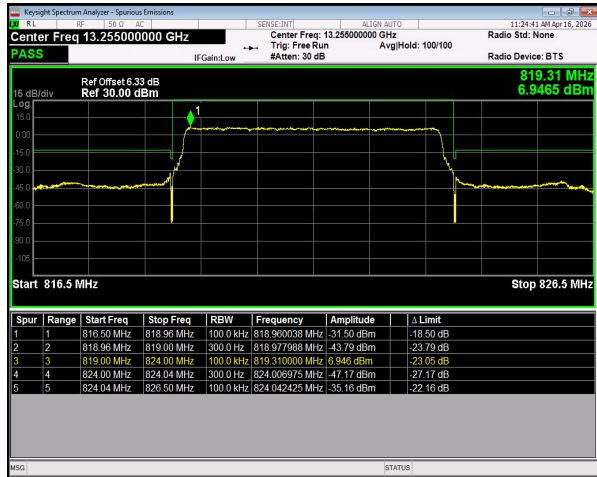
n26(814-824) SCS=15kHz DFT_256QAM BW=5MHz
LowChannel=163300 RB=25@0



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

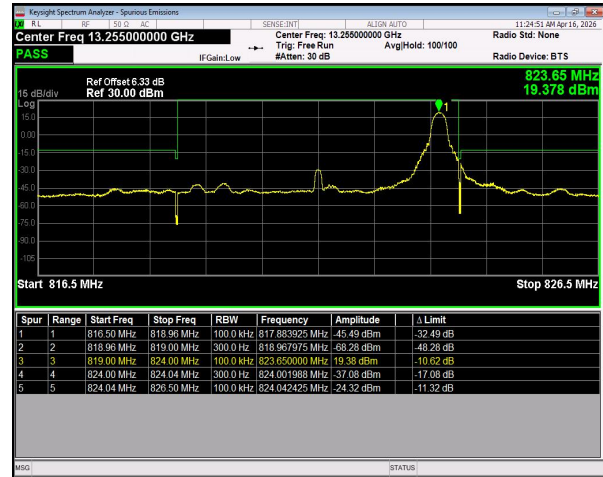


n26(814-824) SCS=15kHz DFT_BPSK BW=5MHz
HighChannel=164300 RB=1@24



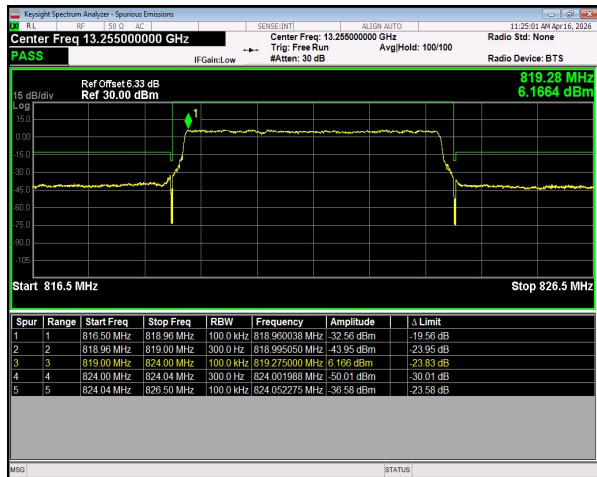
n26(814-824) SCS=15kHz DFT_BPSK BW=5MHz

HighChannel=164300 RB=25@0



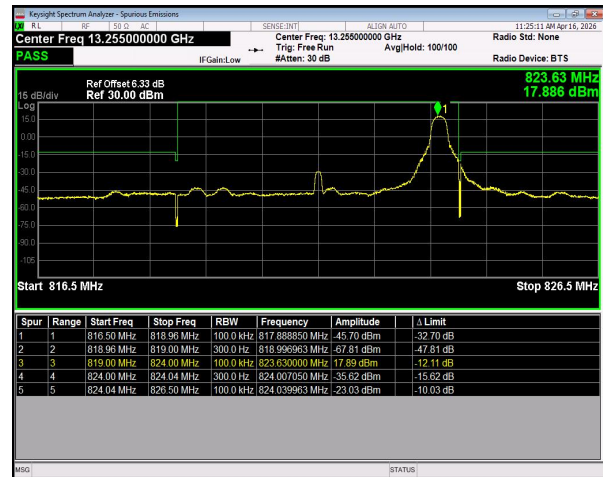
n26(814-824) SCS=15kHz DFT_QPSK BW=5MHz

HighChannel=164300 RB=1@24



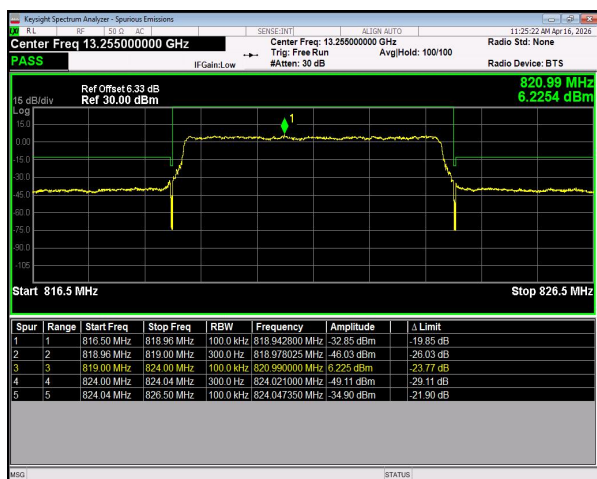
n26(814-824) SCS=15kHz DFT_QPSK BW=5MHz

HighChannel=164300 RB=25@0



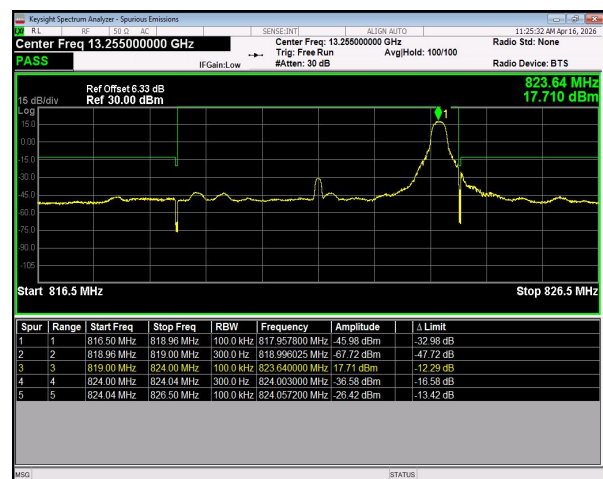
n26(814-824) SCS=15kHz DFT_16QAM BW=5MHz

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