

Appendix B.22

NR Band n66

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.

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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Ant1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N66	15	5	DFT-QPSK	L	Inner_1RB_Left	23.41	25.34	30.00	PASS
N66	15	5	DFT-16QAM	L	Inner_1RB_Left	22.35	24.28	30.00	PASS
N66	15	5	DFT-QPSK	M	Inner_1RB_Left	23.17	25.1	30.00	PASS
N66	15	5	DFT-16QAM	M	Inner_1RB_Left	22.2	24.13	30.00	PASS
N66	15	5	DFT-QPSK	H	Inner_1RB_Left	23.33	25.26	30.00	PASS
N66	15	5	DFT-16QAM	H	Inner_1RB_Left	22.33	24.26	30.00	PASS
N66	15	10	DFT-QPSK	L	Inner_1RB_Left	23.45	25.38	30.00	PASS
N66	15	10	DFT-16QAM	L	Inner_1RB_Left	22.46	24.39	30.00	PASS
N66	15	10	DFT-QPSK	M	Inner_1RB_Left	23.24	25.17	30.00	PASS
N66	15	10	DFT-16QAM	M	Inner_1RB_Left	22.27	24.2	30.00	PASS
N66	15	10	DFT-QPSK	H	Inner_1RB_Left	23.41	25.34	30.00	PASS
N66	15	10	DFT-16QAM	H	Inner_1RB_Left	22.4	24.33	30.00	PASS
N66	15	15	DFT-QPSK	L	Inner_1RB_Left	23.43	25.36	30.00	PASS
N66	15	15	DFT-16QAM	L	Inner_1RB_Left	22.35	24.28	30.00	PASS
N66	15	15	DFT-QPSK	M	Inner_1RB_Left	23.31	25.24	30.00	PASS
N66	15	15	DFT-16QAM	M	Inner_1RB_Left	22.27	24.2	30.00	PASS
N66	15	15	DFT-QPSK	H	Inner_1RB_Left	23.44	25.37	30.00	PASS
N66	15	15	DFT-16QAM	H	Inner_1RB_Left	22.39	24.32	30.00	PASS
N66	15	20	DFT-QPSK	L	Inner_1RB_Left	23.43	25.36	30.00	PASS
N66	15	20	DFT-16QAM	L	Inner_1RB_Left	22.43	24.36	30.00	PASS
N66	15	20	DFT-QPSK	M	Inner_1RB_Left	23.39	25.32	30.00	PASS
N66	15	20	DFT-16QAM	M	Inner_1RB_Left	22.29	24.22	30.00	PASS
N66	15	20	DFT-QPSK	H	Inner_1RB_Left	23.37	25.3	30.00	PASS
N66	15	20	DFT-16QAM	H	Inner_1RB_Left	22.31	24.24	30.00	PASS
N66	15	40	DFT-PI2BPSK	L	Inner_1RB_Left	23.49	25.42	30.00	PASS
N66	15	40	DFT-PI2BPSK	L	Inner_1RB_Right	23.47	25.4	30.00	PASS
N66	15	40	DFT-PI2BPSK	L	Outer_Full	23.01	24.94	30.00	PASS
N66	15	40	DFT-QPSK	L	Inner_1RB_Left	23.37	25.3	30.00	PASS
N66	15	40	DFT-QPSK	L	Inner_1RB_Right	23.51	25.44	30.00	PASS
N66	15	40	DFT-QPSK	L	Outer_Full	22.54	24.47	30.00	PASS
N66	15	40	DFT-16QAM	L	Inner_1RB_Left	22.45	24.38	30.00	PASS
N66	15	40	DFT-16QAM	L	Inner_1RB_Right	22.51	24.44	30.00	PASS
N66	15	40	DFT-16QAM	L	Outer_Full	21.52	23.45	30.00	PASS

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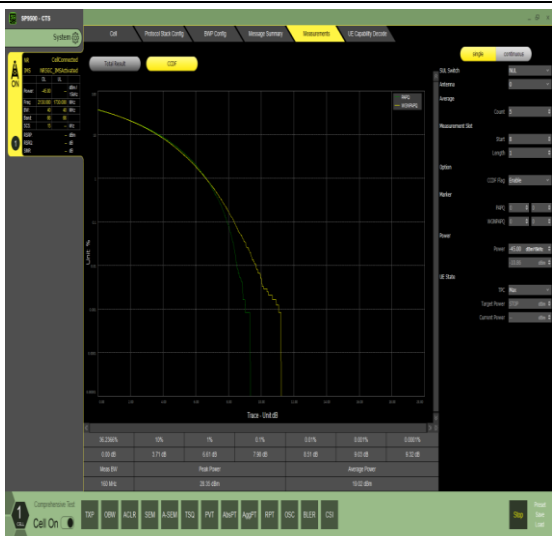
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N66	15	40	DFT-64QAM	L	Inner_1RB_Left	21.05	22.98	30.00	PASS
N66	15	40	DFT-64QAM	L	Inner_1RB_Right	21.11	23.04	30.00	PASS
N66	15	40	DFT-64QAM	L	Outer_Full	21.04	22.97	30.00	PASS
N66	15	40	DFT-256QAM	L	Inner_1RB_Left	19.26	21.19	30.00	PASS
N66	15	40	DFT-256QAM	L	Inner_1RB_Right	18.61	20.54	30.00	PASS
N66	15	40	DFT-256QAM	L	Outer_Full	19.03	20.96	30.00	PASS
N66	15	40	DFT-PI2BPSK	M	Inner_1RB_Left	23.23	25.16	30.00	PASS
N66	15	40	DFT-PI2BPSK	M	Inner_1RB_Right	23.51	25.44	30.00	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	22.87	24.8	30.00	PASS
N66	15	40	DFT-QPSK	M	Inner_1RB_Left	23.12	25.05	30.00	PASS
N66	15	40	DFT-QPSK	M	Inner_1RB_Right	23.51	25.44	30.00	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	22.43	24.36	30.00	PASS
N66	15	40	DFT-16QAM	M	Inner_1RB_Left	22.19	24.12	30.00	PASS
N66	15	40	DFT-16QAM	M	Inner_1RB_Right	22.43	24.36	30.00	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	21.49	23.42	30.00	PASS
N66	15	40	DFT-64QAM	M	Inner_1RB_Left	20.78	22.71	30.00	PASS
N66	15	40	DFT-64QAM	M	Inner_1RB_Right	21.09	23.02	30.00	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	20.97	22.9	30.00	PASS
N66	15	40	DFT-256QAM	M	Inner_1RB_Left	18.29	20.22	30.00	PASS
N66	15	40	DFT-256QAM	M	Inner_1RB_Right	18.59	20.52	30.00	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	18.95	20.88	30.00	PASS
N66	15	40	DFT-PI2BPSK	H	Inner_1RB_Left	23.45	25.38	30.00	PASS
N66	15	40	DFT-PI2BPSK	H	Inner_1RB_Right	23.56	25.49	30.00	PASS
N66	15	40	DFT-PI2BPSK	H	Outer_Full	23.02	24.95	30.00	PASS
N66	15	40	DFT-QPSK	H	Inner_1RB_Left	23.37	25.3	30.00	PASS
N66	15	40	DFT-QPSK	H	Inner_1RB_Right	23.51	25.44	30.00	PASS
N66	15	40	DFT-QPSK	H	Outer_Full	22.48	24.41	30.00	PASS
N66	15	40	DFT-16QAM	H	Inner_1RB_Left	22.51	24.44	30.00	PASS
N66	15	40	DFT-16QAM	H	Inner_1RB_Right	22.66	24.59	30.00	PASS
N66	15	40	DFT-16QAM	H	Outer_Full	21.54	23.47	30.00	PASS
N66	15	40	DFT-64QAM	H	Inner_1RB_Left	21.24	23.17	30.00	PASS
N66	15	40	DFT-64QAM	H	Inner_1RB_Right	21.27	23.2	30.00	PASS
N66	15	40	DFT-64QAM	H	Outer_Full	21.07	23	30.00	PASS
N66	15	40	DFT-256QAM	H	Inner_1RB_Left	18.34	20.27	30.00	PASS
N66	15	40	DFT-256QAM	H	Inner_1RB_Right	18.48	20.41	30.00	PASS
N66	15	40	DFT-256QAM	H	Outer_Full	19.01	20.94	30.00	PASS

Peak-to-Average Ratio for SA

Test Graphs



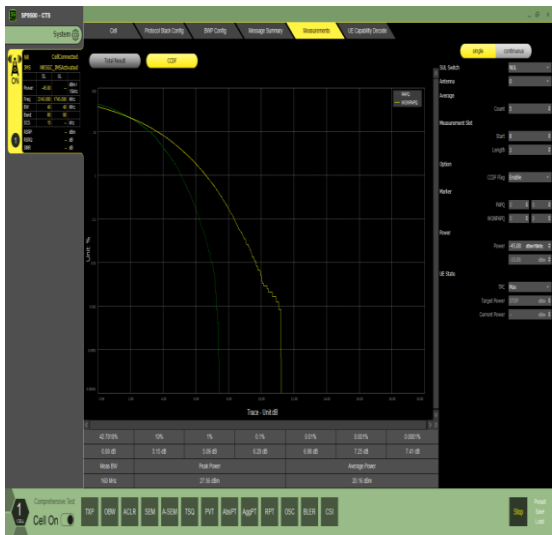
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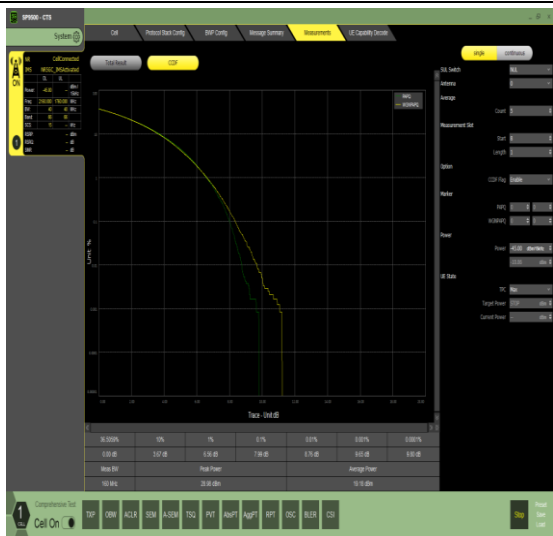
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Full-216@0-7.99



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Full-216@0-6.27

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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N66	15	5	DFT-QPSK	M	Outer_Full	4.483	4.990	PASS
N66	15	5	DFT-PI2BPSK	M	Outer_Full	4.49	4.970	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	4.506	5.010	PASS
N66	15	5	DFT-64QAM	M	Outer_Full	4.506	5.000	PASS
N66	15	5	DFT-256QAM	M	Outer_Full	4.489	5.030	PASS
N66	15	5	CP-QPSK	M	Outer_Full	4.506	5.060	PASS
N66	15	5	CP-16QAM	M	Outer_Full	4.508	5.060	PASS
N66	15	5	CP-64QAM	M	Outer_Full	4.506	5.080	PASS
N66	15	5	CP-256QAM	M	Outer_Full	4.503	4.970	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	8.926	9.580	PASS
N66	15	10	DFT-PI2BPSK	M	Outer_Full	8.912	9.560	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	8.945	9.540	PASS
N66	15	10	DFT-64QAM	M	Outer_Full	8.933	9.500	PASS
N66	15	10	DFT-256QAM	M	Outer_Full	8.922	9.540	PASS
N66	15	10	CP-QPSK	M	Outer_Full	9.271	9.980	PASS
N66	15	10	CP-16QAM	M	Outer_Full	9.274	9.940	PASS
N66	15	10	CP-64QAM	M	Outer_Full	9.27	9.960	PASS
N66	15	10	CP-256QAM	M	Outer_Full	9.291	9.800	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	13.497	14.460	PASS
N66	15	15	DFT-PI2BPSK	M	Outer_Full	13.469	15.570	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	13.528	14.640	PASS
N66	15	15	DFT-64QAM	M	Outer_Full	13.451	14.460	PASS
N66	15	15	DFT-256QAM	M	Outer_Full	13.484	14.640	PASS
N66	15	15	CP-QPSK	M	Outer_Full	14.177	15.240	PASS
N66	15	15	CP-16QAM	M	Outer_Full	14.179	15.930	PASS
N66	15	15	CP-64QAM	M	Outer_Full	14.209	15.630	PASS
N66	15	15	CP-256QAM	M	Outer_Full	14.153	15.150	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	17.878	19.720	PASS
N66	15	20	DFT-PI2BPSK	M	Outer_Full	17.902	19.000	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	17.891	21.520	PASS
N66	15	20	DFT-64QAM	M	Outer_Full	17.897	18.920	PASS
N66	15	20	DFT-256QAM	M	Outer_Full	17.89	19.400	PASS
N66	15	20	CP-QPSK	M	Outer_Full	18.959	20.040	PASS

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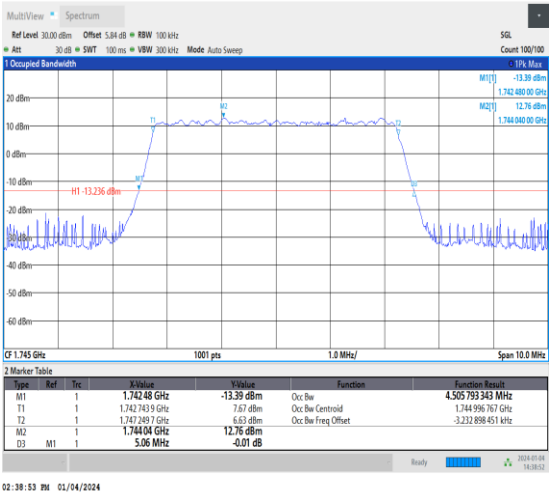
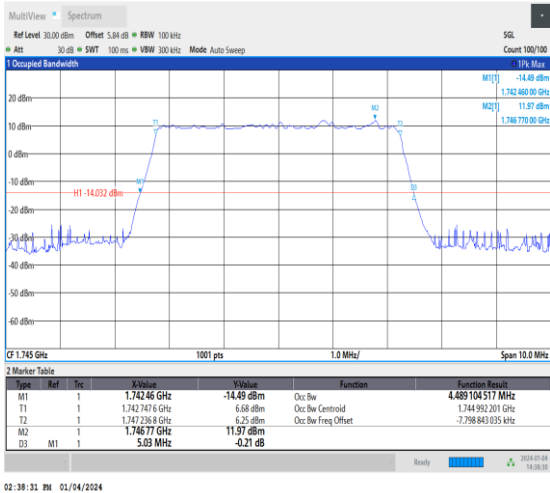
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N66	15	20	CP-16QAM	M	Outer_Full	18.997	20.120	PASS
N66	15	20	CP-64QAM	M	Outer_Full	18.964	20.040	PASS
N66	15	20	CP-256QAM	M	Outer_Full	19.016	20.040	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	38.931	41.360	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	38.625	41.280	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	38.695	41.360	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	38.676	41.200	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	38.779	41.280	PASS
N66	15	40	CP-QPSK	M	Outer_Full	38.745	41.360	PASS
N66	15	40	CP-16QAM	M	Outer_Full	38.713	41.360	PASS
N66	15	40	CP-64QAM	M	Outer_Full	38.907	41.360	PASS
N66	15	40	CP-256QAM	M	Outer_Full	38.699	41.040	PASS

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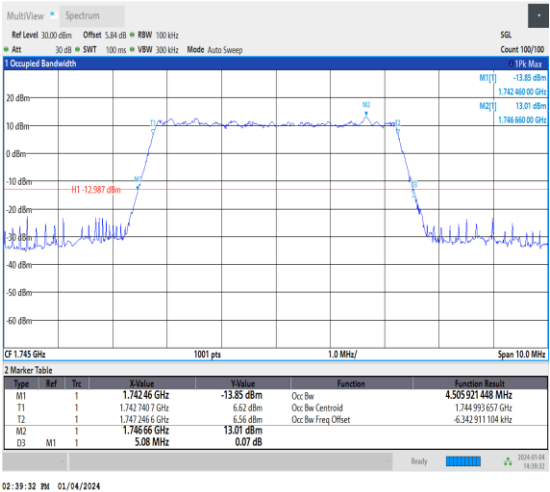
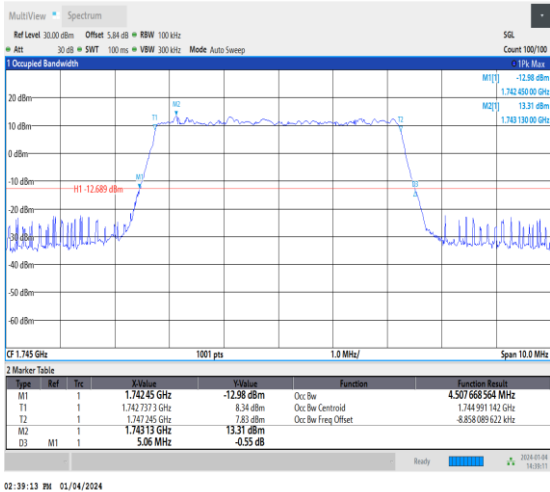
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1-N66-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant
1-4.489-5.030-≤5-PASS

1-N66-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.
506-5.060-≤5-PASS



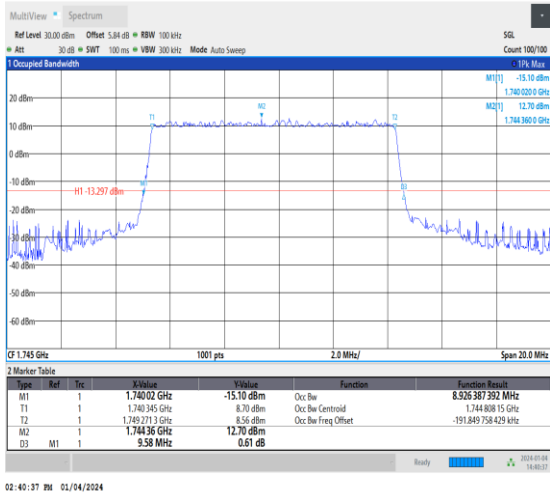
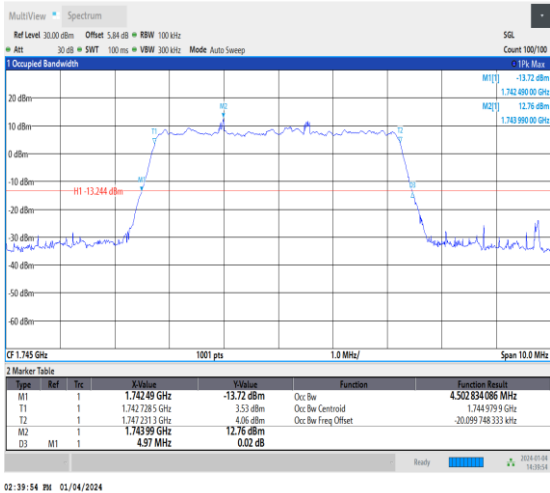
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4.508-5.060-≤5-PASS

1-N66-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-
4.506-5.080-≤5-PASS

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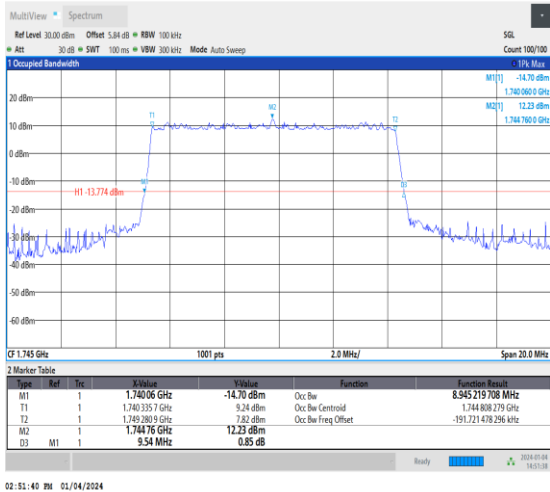
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1-N66-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1
-4.503-4.970-≤5-PASS

1-N66-15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant1
-8.926-9.580-≤10-PASS



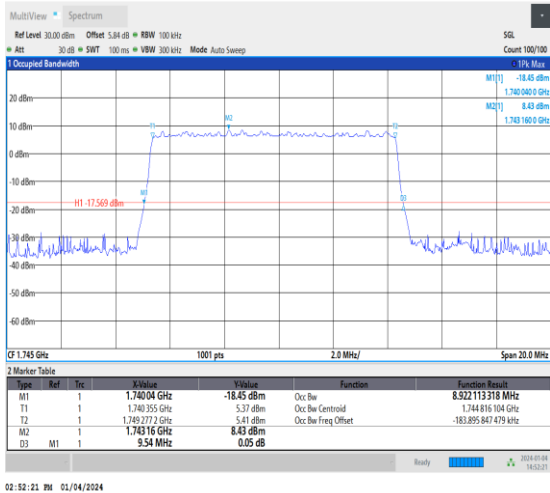
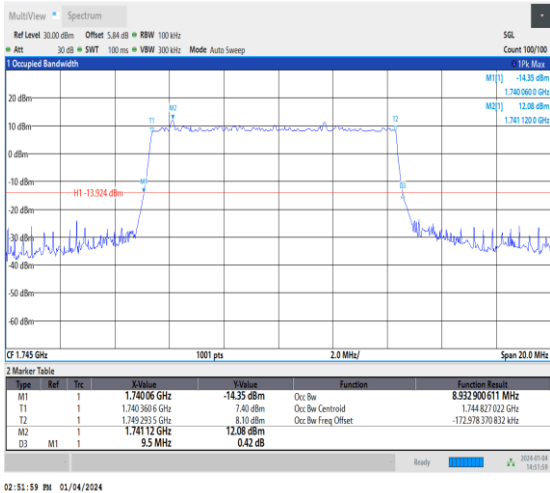
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-8.912-9.560-≤10-PASS

1-N66-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1
-8.945-9.540-≤10-PASS

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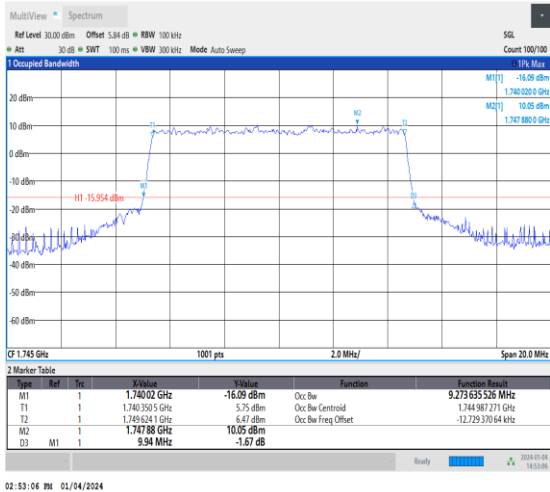
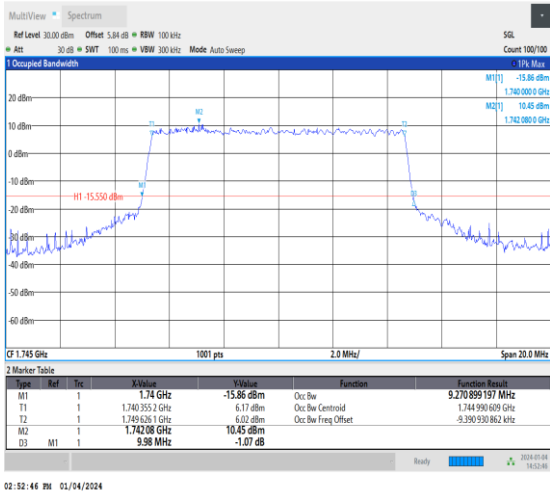
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1-N66-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant
1-8.933-9.500-≤10-PASS

1-N66-15-10-M-5-DFT-256QAM-Outer_Full-50@0-A
nt1-8.922-9.540-≤10-PASS



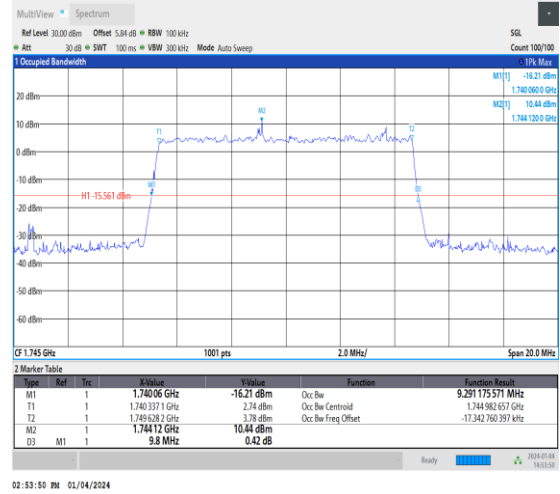
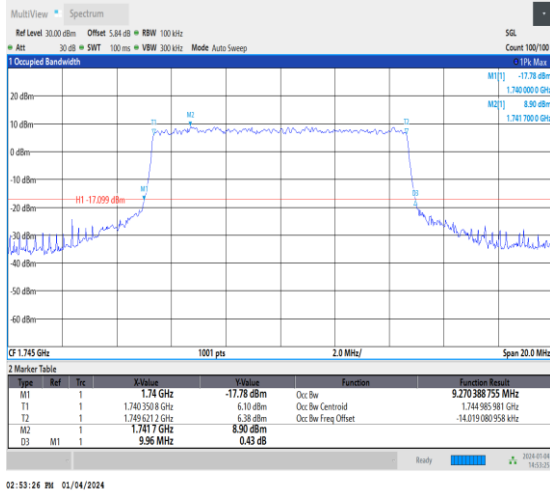
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-9.274-9.940-≤10-PASS

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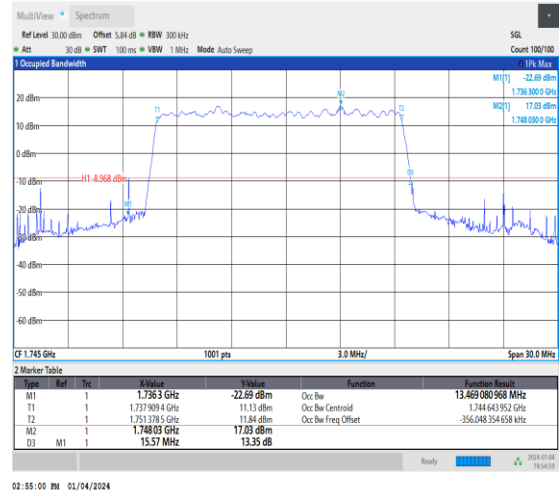
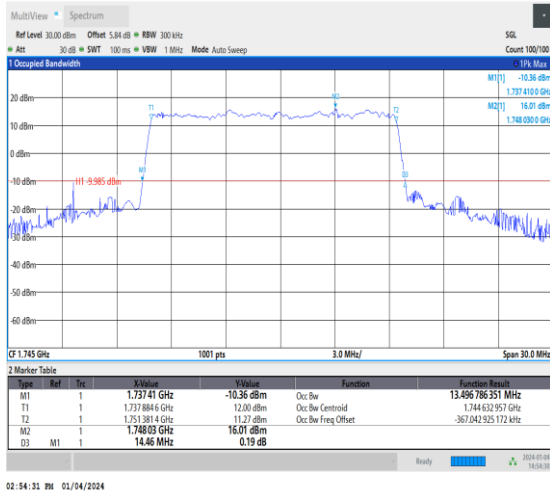
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1-N66-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1
-9.27-9.960-≤10-PASS

1-N66-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant
1-9.291-9.800-≤10-PASS



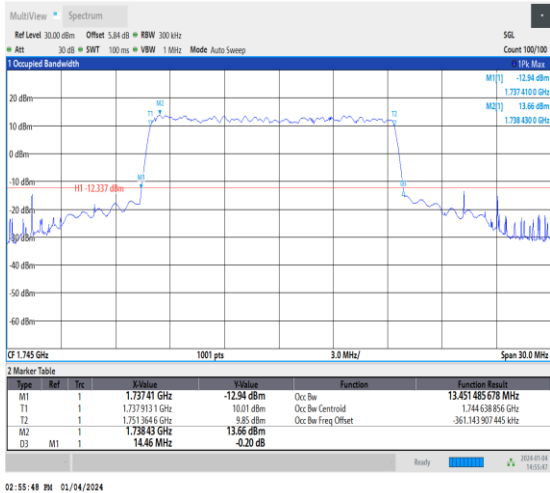
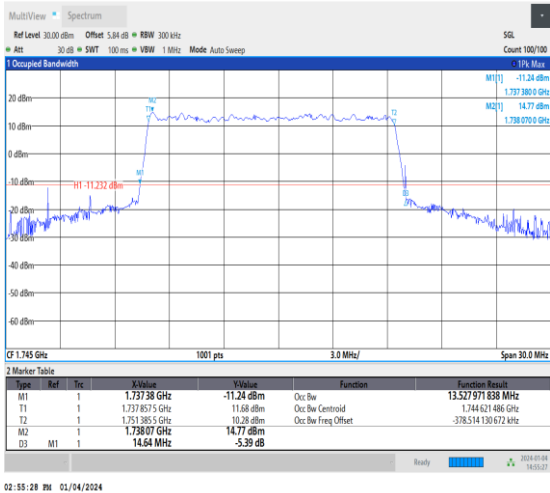
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-13.497-14.460-≤15-PASS

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nt1-13.469-15.570-≤15-PASS

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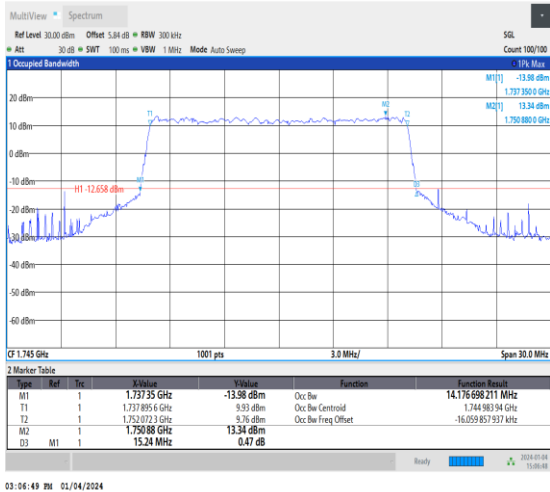
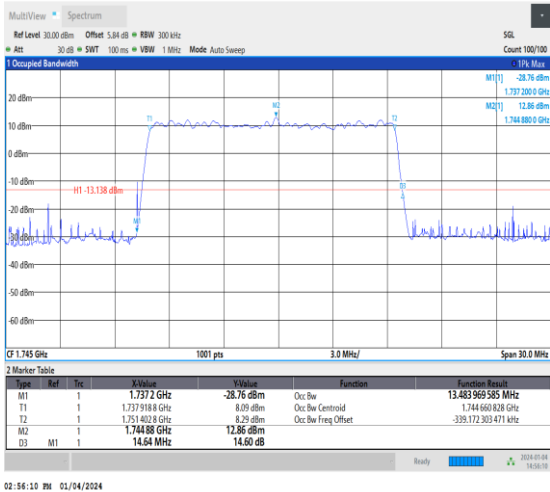
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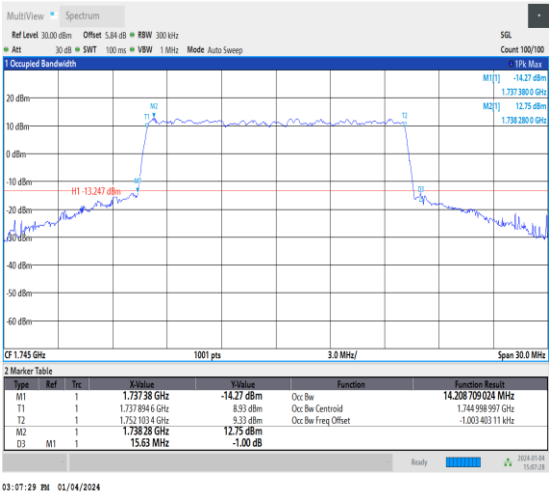
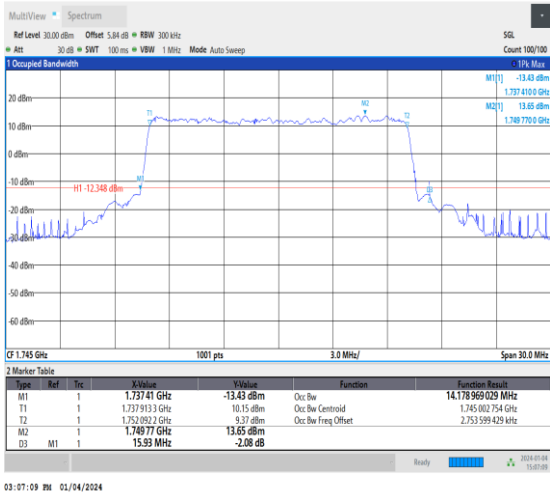
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1-13.528-14.640≤15-PASS

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1-13.451-14.460≤15-PASS



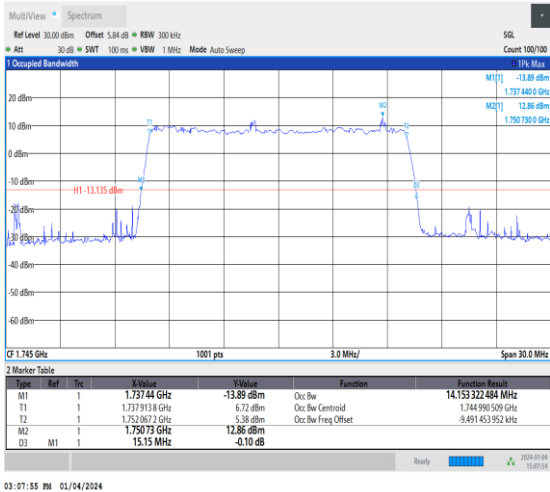
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nt1-13.484-14.640≤15-PASS

1-N66-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant1-
14.177-15.240≤15-PASS



1-N66-15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant1
-14.179-15.930-≤15-PASS

1-N66-15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant1
-14.209-15.630-≤15-PASS



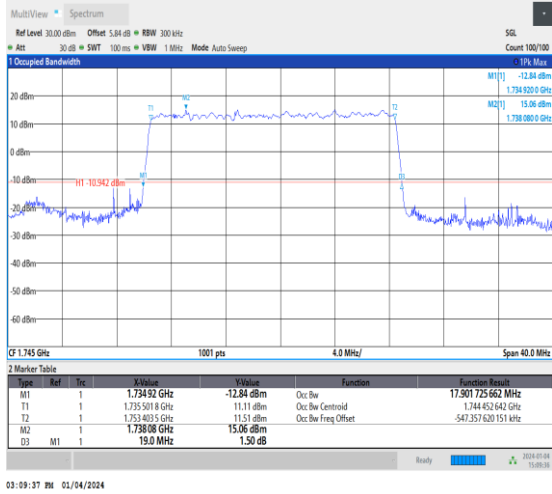
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1-14.153-15.150-≤15-PASS

1-N66-15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant
1-17.878-19.720-≤20-PASS

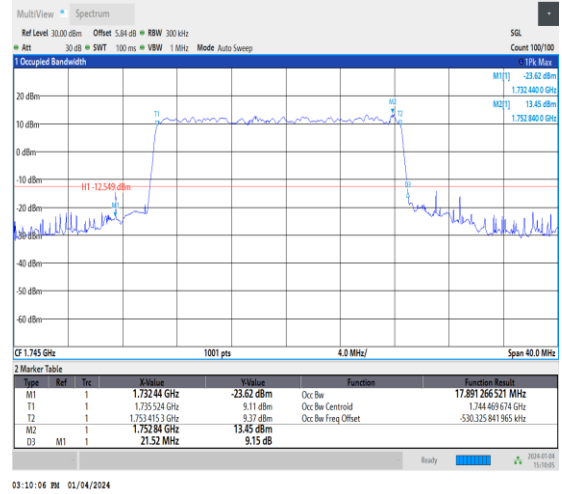
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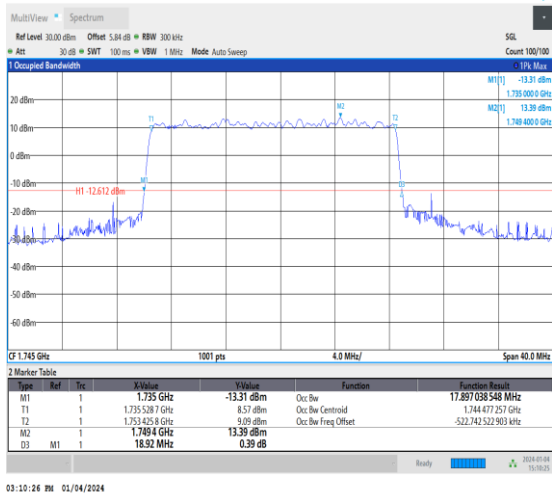
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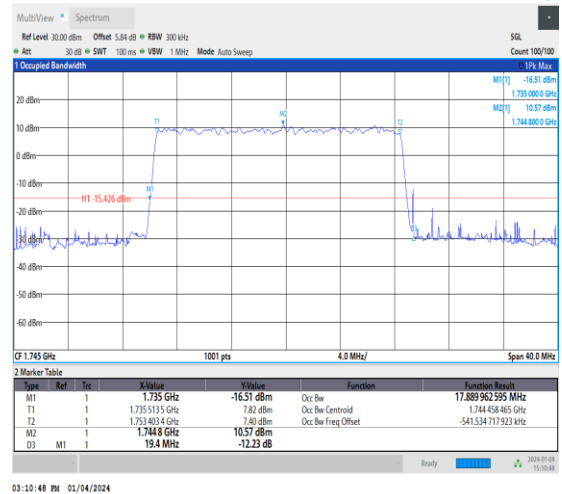
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1-N66-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.891-21.520-≤20-PASS



1-N66-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.897-18.920-≤20-PASS

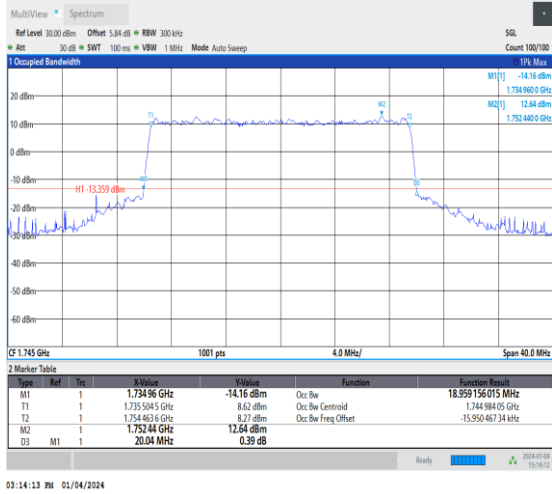


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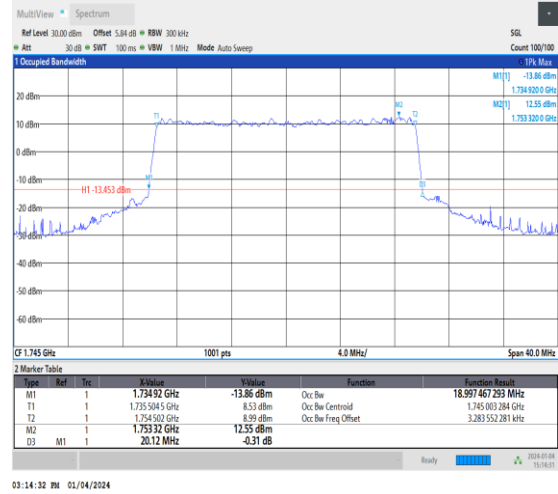
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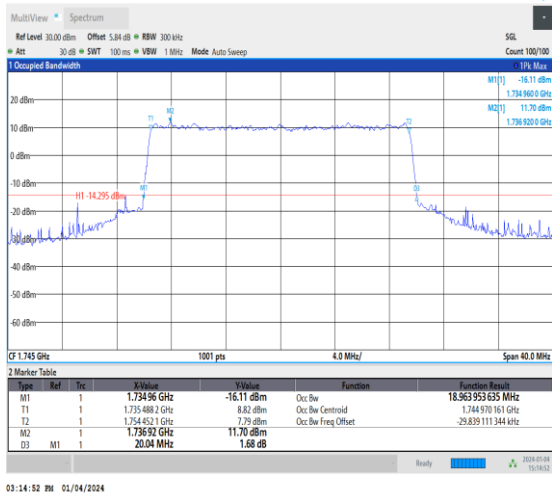
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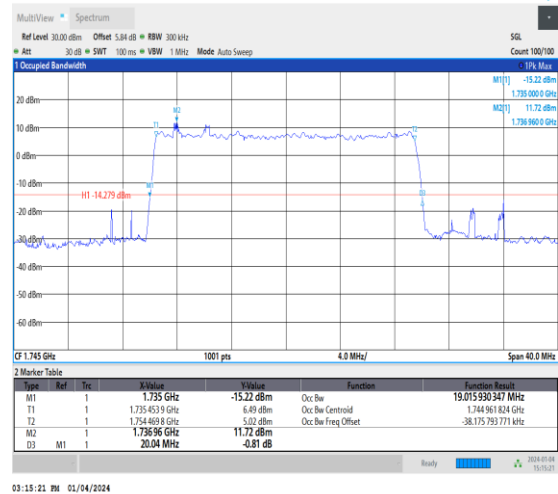
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-18.959-20.040-≤20-PASS



1-N66-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant
1-18.997-20.120-≤20-PASS



1-N66-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant
1-18.964-20.040-≤20-PASS

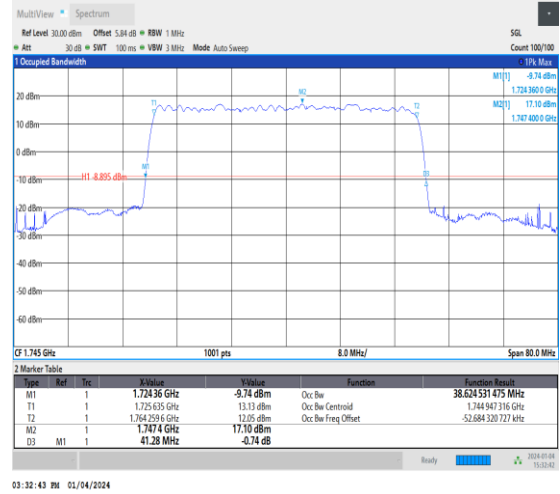
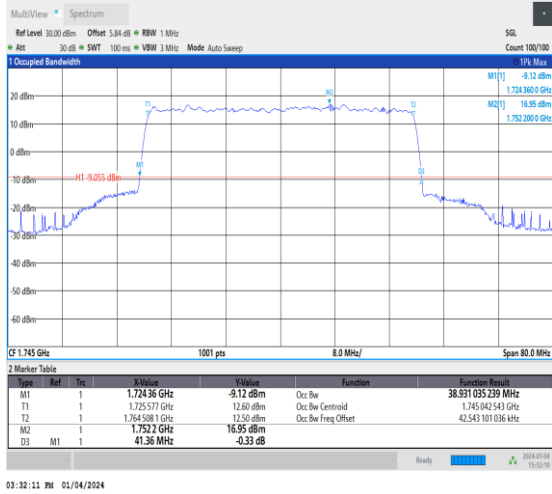


1-N66-15-20-M-9-CP-256QAM-Outer_Full-106@0-A
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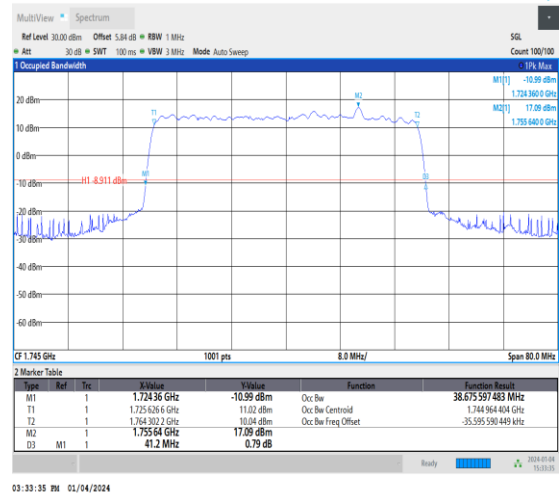
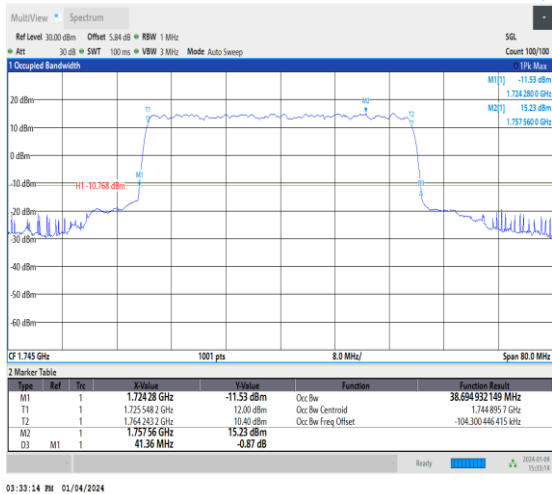
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1-N66-15-40-M-1-DFT-QPSK-Outer_Full-216@0-Ant
1-38.931-41.360-≤40-PASS

1-N66-15-40-M-2-DFT-PI2BPSK-Outer_Full-216@0-Ant
1-38.625-41.280-≤40-PASS



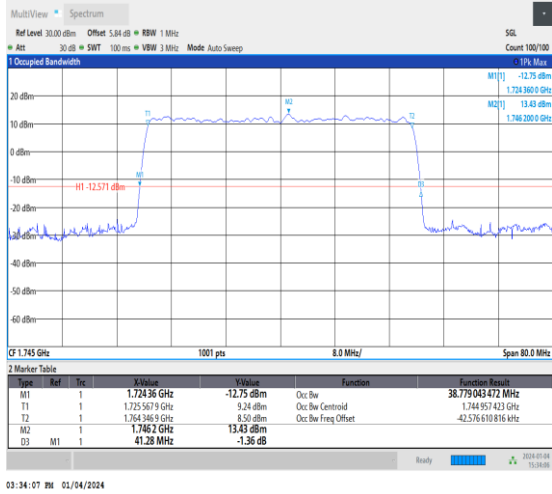
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1-N66-15-40-M-4-DFT-64QAM-Outer_Full-216@0-A
nt1-38.676-41.200-≤40-PASS

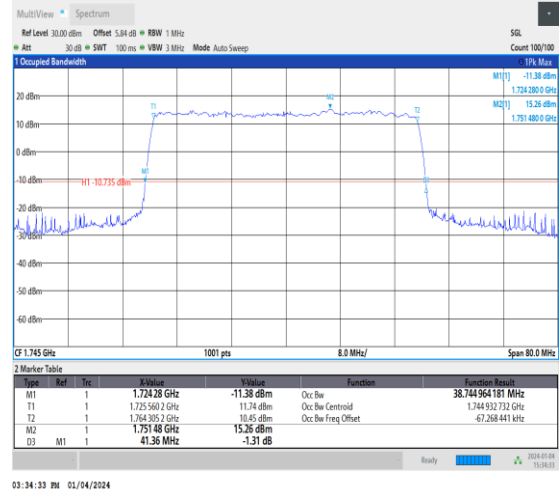
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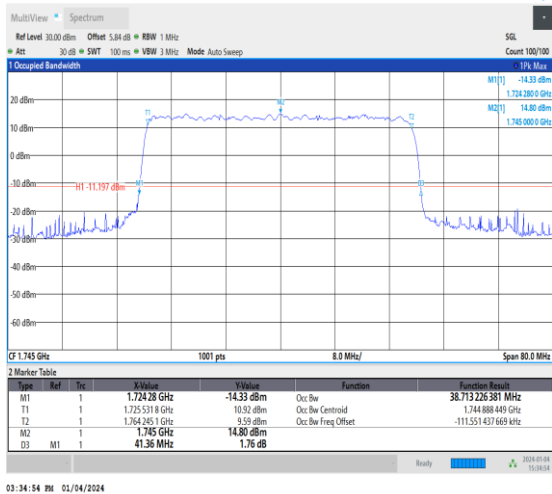
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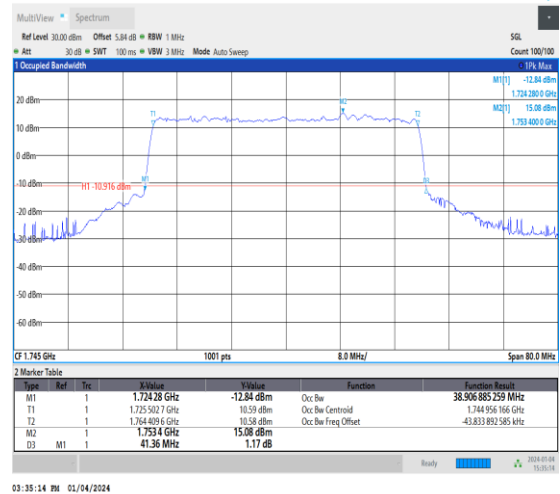
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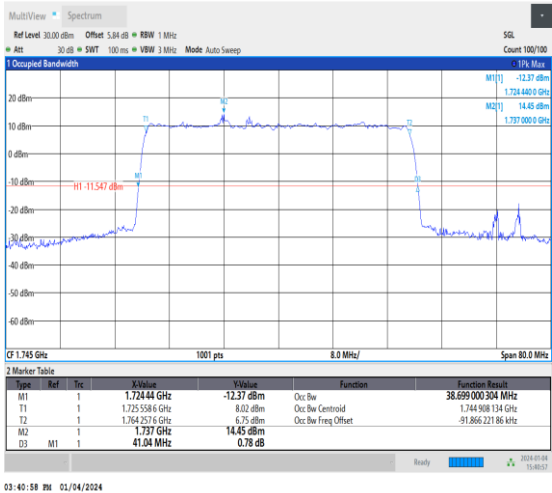
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1-N66-15-40-M-8-CP-64QAM-Outer_Full-216@0-Ant1-38.907-41.360-≤40-PASS

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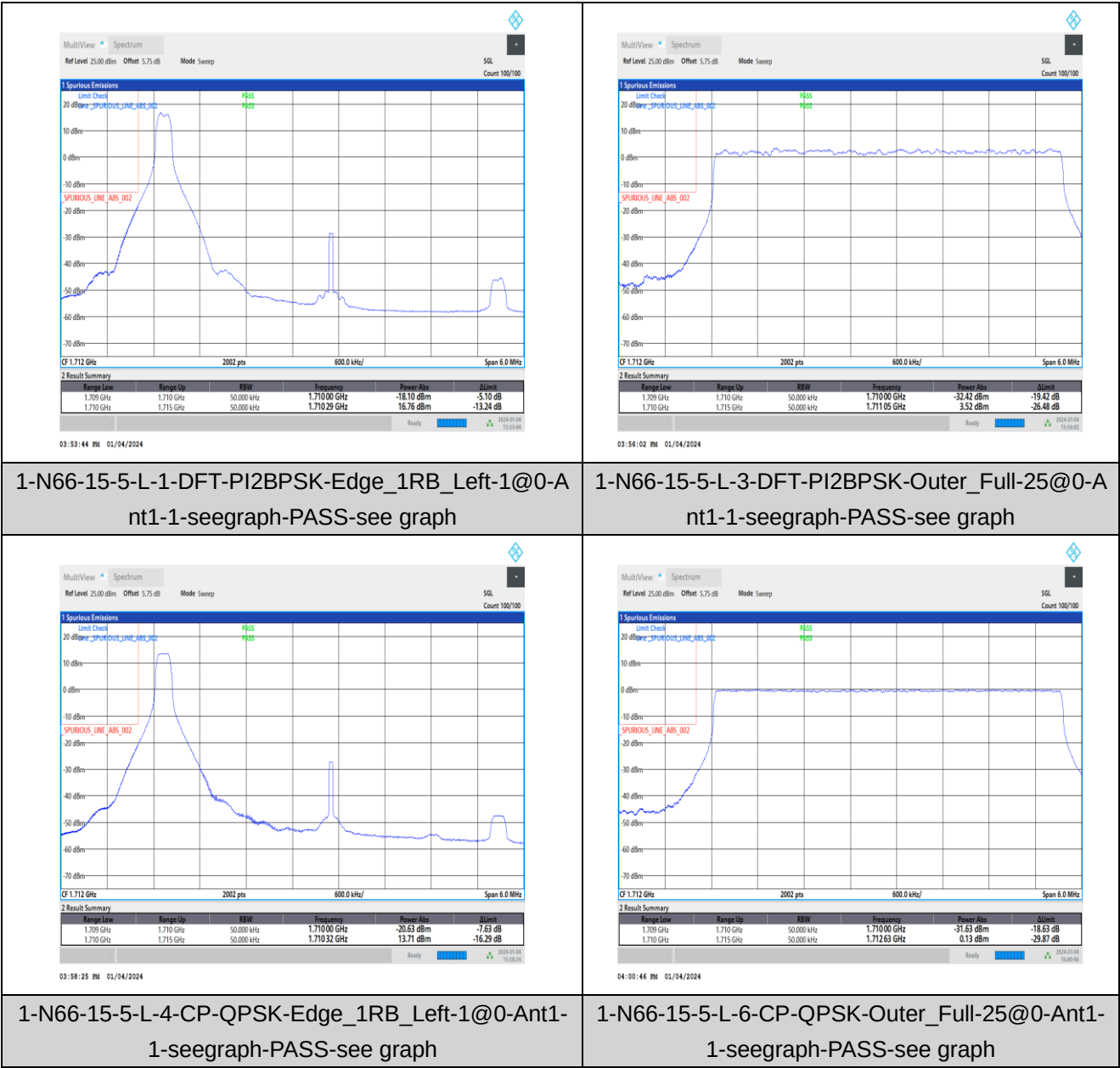
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1-N66-15-40-M-9-CP-256QAM-Outer_Full-216@0-A
nt1-38.699-41.040-≤40-PASS

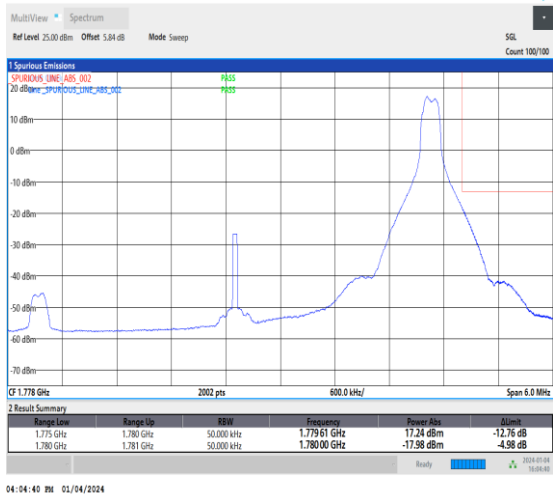
Band Edge for SA

Test Graphs

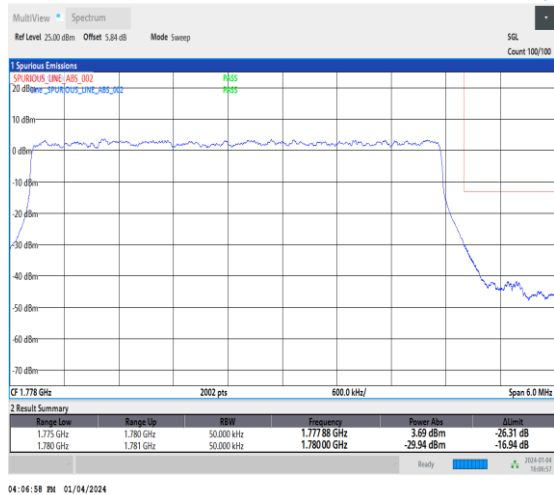


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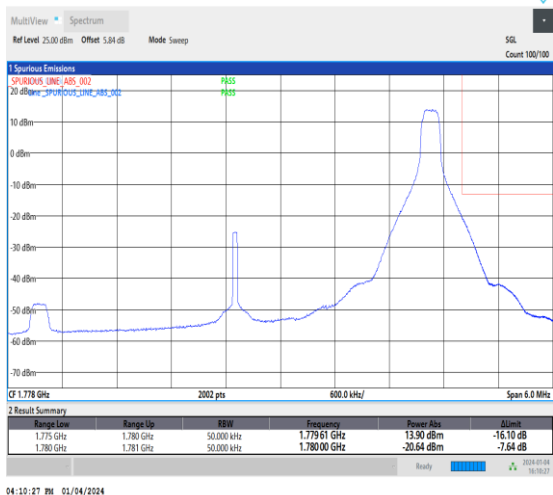
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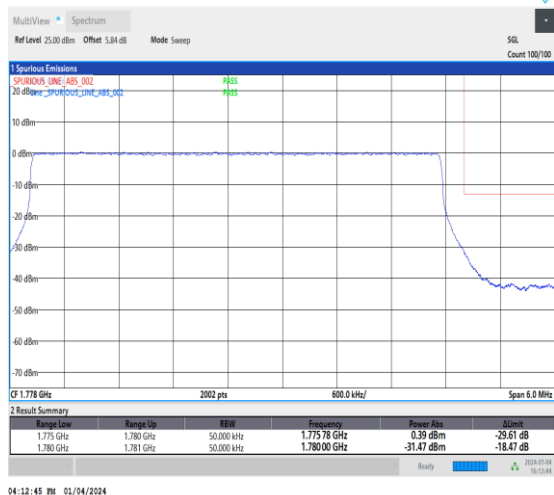
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4-Ant1-1-seegraph-PASS-see graph



1-N66-15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-
Ant1-1-seegraph-PASS-see graph



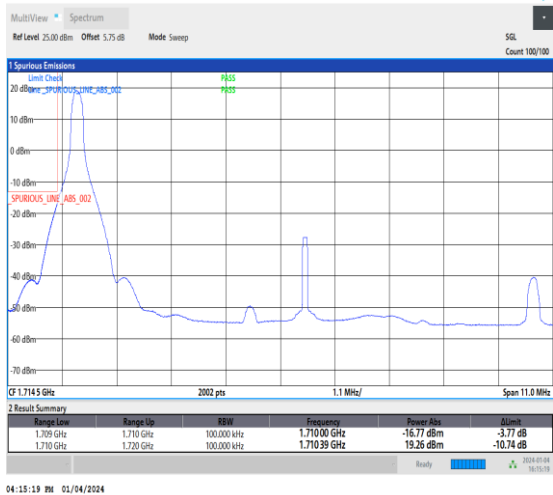
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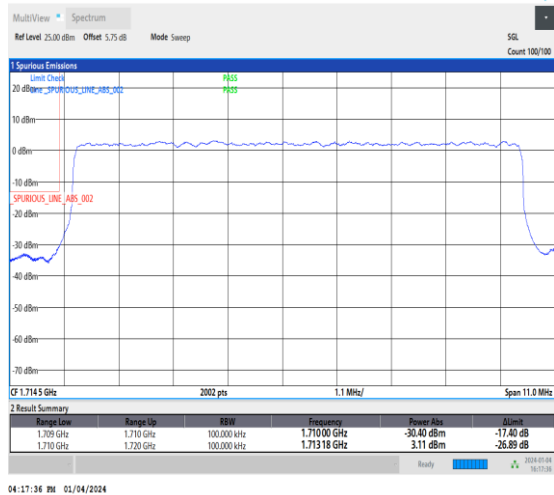
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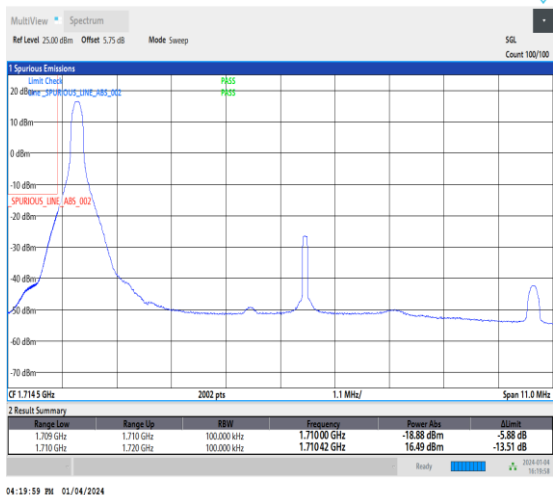
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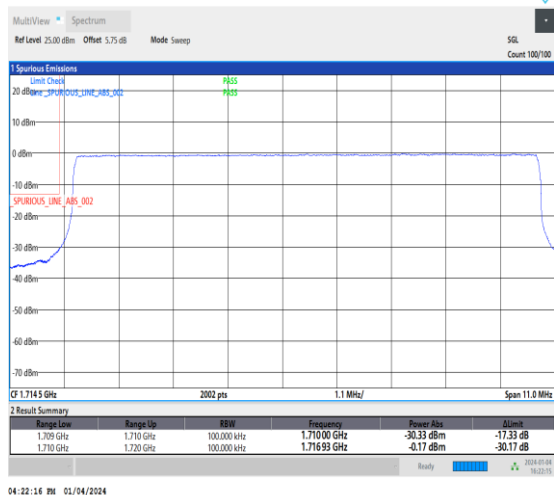
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1-N66-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1-seegraph-PASS-see graph



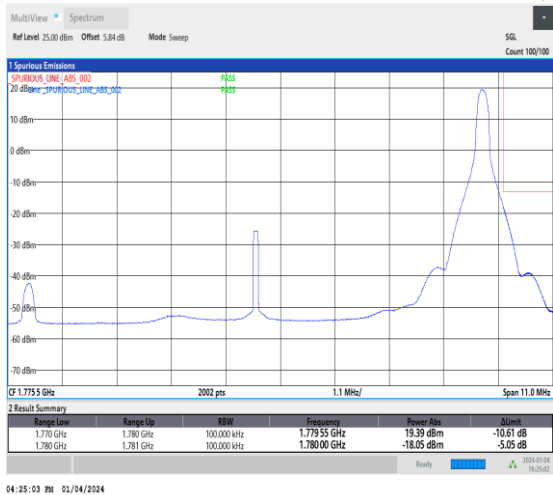
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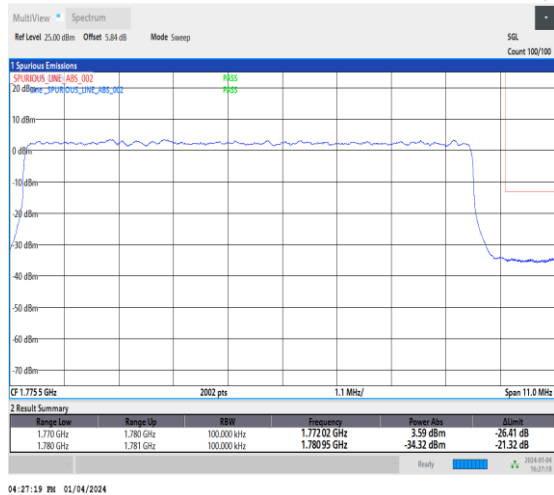
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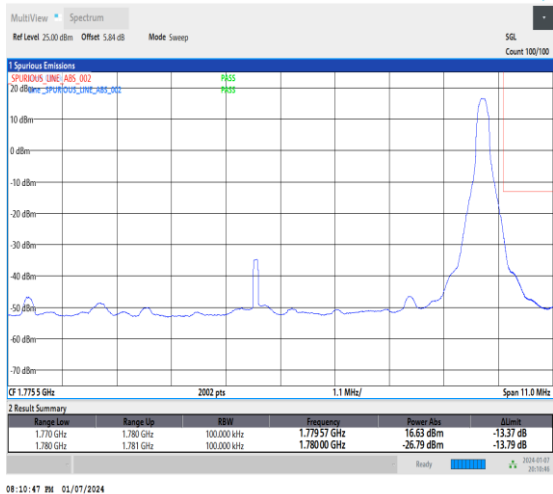
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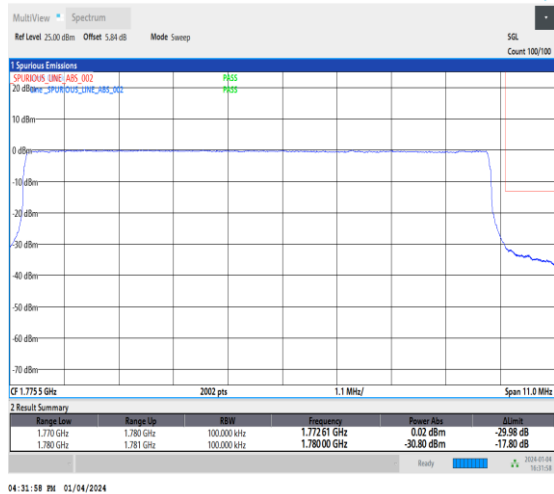
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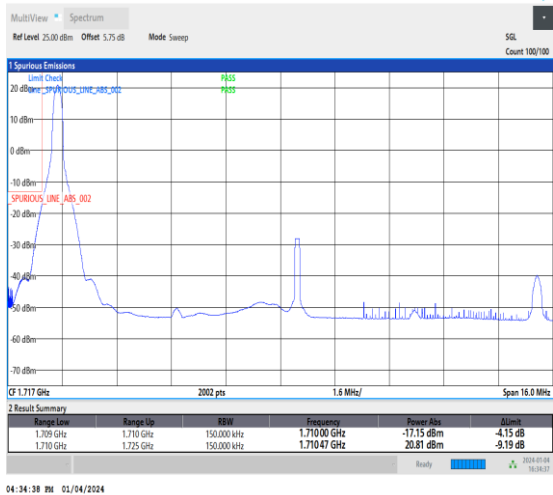
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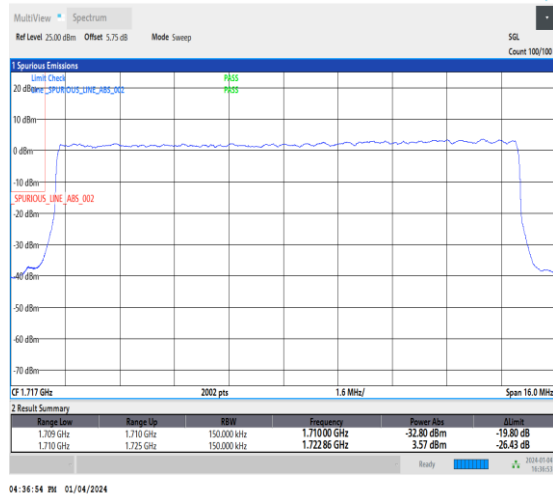
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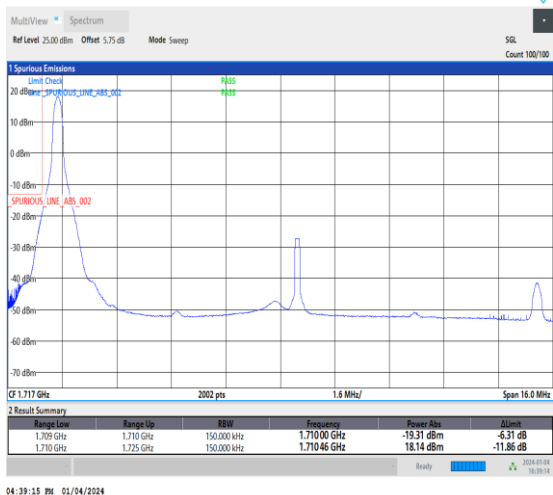
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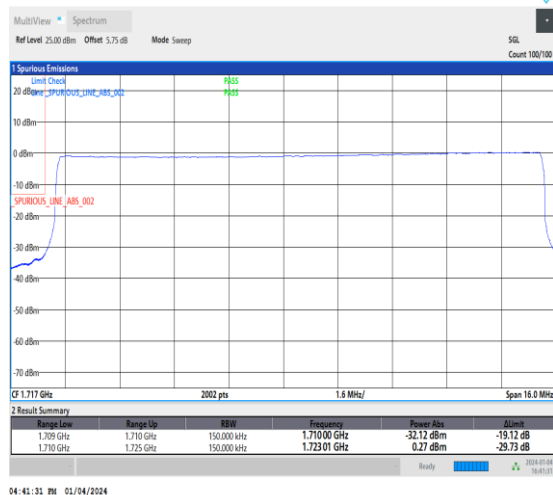
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1-N66-15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-1-seegraph-PASS-see graph