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Rev.: 01

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Appendix B.24

NR Band n66



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

ANT2

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N66	15	5	DFT-QPSK	L	Inner_1RB_Left	24.09	24.29	30.00	PASS
N66	15	5	DFT-16QAM	L	Inner_1RB_Left	23.29	23.49	30.00	PASS
N66	15	5	DFT-QPSK	M	Inner_1RB_Left	23.86	24.06	30.00	PASS
N66	15	5	DFT-16QAM	M	Inner_1RB_Left	23.14	23.34	30.00	PASS
N66	15	5	DFT-QPSK	H	Inner_1RB_Left	23.82	24.02	30.00	PASS
N66	15	5	DFT-16QAM	H	Inner_1RB_Left	23.02	23.22	30.00	PASS
N66	15	10	DFT-QPSK	L	Inner_1RB_Left	24.15	24.35	30.00	PASS
N66	15	10	DFT-16QAM	L	Inner_1RB_Left	23.28	23.48	30.00	PASS
N66	15	10	DFT-QPSK	M	Inner_1RB_Left	23.93	24.13	30.00	PASS
N66	15	10	DFT-16QAM	M	Inner_1RB_Left	23.03	23.23	30.00	PASS
N66	15	10	DFT-QPSK	H	Inner_1RB_Left	23.67	23.87	30.00	PASS
N66	15	10	DFT-16QAM	H	Inner_1RB_Left	23.02	23.22	30.00	PASS
N66	15	15	DFT-QPSK	L	Inner_1RB_Left	24.15	24.35	30.00	PASS
N66	15	15	DFT-16QAM	L	Inner_1RB_Left	23.21	23.41	30.00	PASS
N66	15	15	DFT-QPSK	M	Inner_1RB_Left	23.85	24.05	30.00	PASS
N66	15	15	DFT-16QAM	M	Inner_1RB_Left	23.12	23.32	30.00	PASS
N66	15	15	DFT-QPSK	H	Inner_1RB_Left	23.68	23.88	30.00	PASS
N66	15	15	DFT-16QAM	H	Inner_1RB_Left	22.98	23.18	30.00	PASS
N66	15	20	DFT-QPSK	L	Inner_1RB_Left	24.09	24.29	30.00	PASS
N66	15	20	DFT-16QAM	L	Inner_1RB_Left	23.27	23.47	30.00	PASS
N66	15	20	DFT-QPSK	M	Inner_1RB_Left	23.99	24.19	30.00	PASS
N66	15	20	DFT-16QAM	M	Inner_1RB_Left	23.19	23.39	30.00	PASS
N66	15	20	DFT-QPSK	H	Inner_1RB_Left	23.74	23.94	30.00	PASS
N66	15	20	DFT-16QAM	H	Inner_1RB_Left	23.02	23.22	30.00	PASS
N66	15	25	DFT-QPSK	L	Inner_1RB_Left	24.06	24.26	30.00	PASS
N66	15	25	DFT-16QAM	L	Inner_1RB_Left	23.26	23.46	30.00	PASS
N66	15	25	DFT-QPSK	M	Inner_1RB_Left	23.84	24.04	30.00	PASS
N66	15	25	DFT-16QAM	M	Inner_1RB_Left	23.06	23.26	30.00	PASS
N66	15	25	DFT-QPSK	H	Inner_1RB_Left	23.58	23.78	30.00	PASS



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N66	15	25	DFT-16QAM	H	Inner_1RB_Left	22.89	23.09	30.00	PASS
N66	15	30	DFT-QPSK	L	Inner_1RB_Left	24.03	24.23	30.00	PASS
N66	15	30	DFT-16QAM	L	Inner_1RB_Left	23.29	23.49	30.00	PASS
N66	15	30	DFT-QPSK	M	Inner_1RB_Left	23.80	24.00	30.00	PASS
N66	15	30	DFT-16QAM	M	Inner_1RB_Left	23.09	23.29	30.00	PASS
N66	15	30	DFT-QPSK	H	Inner_1RB_Left	23.60	23.80	30.00	PASS
N66	15	30	DFT-16QAM	H	Inner_1RB_Left	22.98	23.18	30.00	PASS
N66	15	40	DFT-PI2BPSK	L	Inner_1RB_Left	23.81	24.01	30.00	PASS
N66	15	40	DFT-PI2BPSK	L	Inner_1RB_Right	23.63	23.83	30.00	PASS
N66	15	40	DFT-PI2BPSK	L	Outer_Full	23.29	23.49	30.00	PASS
N66	15	40	DFT-QPSK	L	Inner_1RB_Left	24.15	24.35	30.00	PASS
N66	15	40	DFT-QPSK	L	Inner_1RB_Right	23.94	24.14	30.00	PASS
N66	15	40	DFT-QPSK	L	Outer_Full	22.87	23.07	30.00	PASS
N66	15	40	DFT-16QAM	L	Inner_1RB_Left	23.28	23.48	30.00	PASS
N66	15	40	DFT-16QAM	L	Inner_1RB_Right	23.13	23.33	30.00	PASS
N66	15	40	DFT-16QAM	L	Outer_Full	21.87	22.07	30.00	PASS
N66	15	40	DFT-64QAM	L	Inner_1RB_Left	21.53	21.73	30.00	PASS
N66	15	40	DFT-64QAM	L	Inner_1RB_Right	21.36	21.56	30.00	PASS
N66	15	40	DFT-64QAM	L	Outer_Full	21.40	21.60	30.00	PASS
N66	15	40	DFT-256QAM	L	Inner_1RB_Left	19.50	19.70	30.00	PASS
N66	15	40	DFT-256QAM	L	Inner_1RB_Right	19.21	19.41	30.00	PASS
N66	15	40	DFT-256QAM	L	Outer_Full	19.38	19.58	30.00	PASS
N66	15	40	DFT-PI2BPSK	M	Inner_1RB_Left	23.57	23.77	30.00	PASS
N66	15	40	DFT-PI2BPSK	M	Inner_1RB_Right	23.57	23.77	30.00	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	23.17	23.37	30.00	PASS
N66	15	40	DFT-QPSK	M	Inner_1RB_Left	23.95	24.15	30.00	PASS
N66	15	40	DFT-QPSK	M	Inner_1RB_Right	23.91	24.11	30.00	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	22.63	22.83	30.00	PASS
N66	15	40	DFT-16QAM	M	Inner_1RB_Left	23.06	23.26	30.00	PASS
N66	15	40	DFT-16QAM	M	Inner_1RB_Right	23.00	23.20	30.00	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	21.71	21.91	30.00	PASS
N66	15	40	DFT-64QAM	M	Inner_1RB_Left	21.36	21.56	30.00	PASS
N66	15	40	DFT-64QAM	M	Inner_1RB_Right	21.26	21.46	30.00	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	21.20	21.40	30.00	PASS
N66	15	40	DFT-256QAM	M	Inner_1RB_Left	19.27	19.47	30.00	PASS
N66	15	40	DFT-256QAM	M	Inner_1RB_Right	19.22	19.42	30.00	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	19.17	19.37	30.00	PASS



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N66	15	40	DFT-PI2BPSK	H	Inner_1RB_Left	23.61	23.81	30.00	PASS
N66	15	40	DFT-PI2BPSK	H	Inner_1RB_Right	23.53	23.73	30.00	PASS
N66	15	40	DFT-PI2BPSK	H	Outer_Full	23.11	23.31	30.00	PASS
N66	15	40	DFT-QPSK	H	Inner_1RB_Left	23.92	24.12	30.00	PASS
N66	15	40	DFT-QPSK	H	Inner_1RB_Right	23.93	24.13	30.00	PASS
N66	15	40	DFT-QPSK	H	Outer_Full	22.65	22.85	30.00	PASS
N66	15	40	DFT-16QAM	H	Inner_1RB_Left	23.04	23.24	30.00	PASS
N66	15	40	DFT-16QAM	H	Inner_1RB_Right	23.07	23.27	30.00	PASS
N66	15	40	DFT-16QAM	H	Outer_Full	21.67	21.87	30.00	PASS
N66	15	40	DFT-64QAM	H	Inner_1RB_Left	21.35	21.55	30.00	PASS
N66	15	40	DFT-64QAM	H	Inner_1RB_Right	21.33	21.53	30.00	PASS
N66	15	40	DFT-64QAM	H	Outer_Full	21.18	21.38	30.00	PASS
N66	15	40	DFT-256QAM	H	Inner_1RB_Left	19.19	19.39	30.00	PASS
N66	15	40	DFT-256QAM	H	Inner_1RB_Right	19.22	19.42	30.00	PASS
N66	15	40	DFT-256QAM	H	Outer_Full	19.11	19.31	30.00	PASS



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Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N66	15	40	DFT-256QAM	L	Outer_Full	8.93	≤13	PASS
N66	15	40	CP-256QAM	L	Outer_Full	9.71	≤13	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	9.03	≤13	PASS
N66	15	40	CP-256QAM	M	Outer_Full	9.61	≤13	PASS
N66	15	40	DFT-256QAM	H	Outer_Full	9.26	≤13	PASS
N66	15	40	CP-256QAM	H	Outer_Full	9.55	≤13	PASS

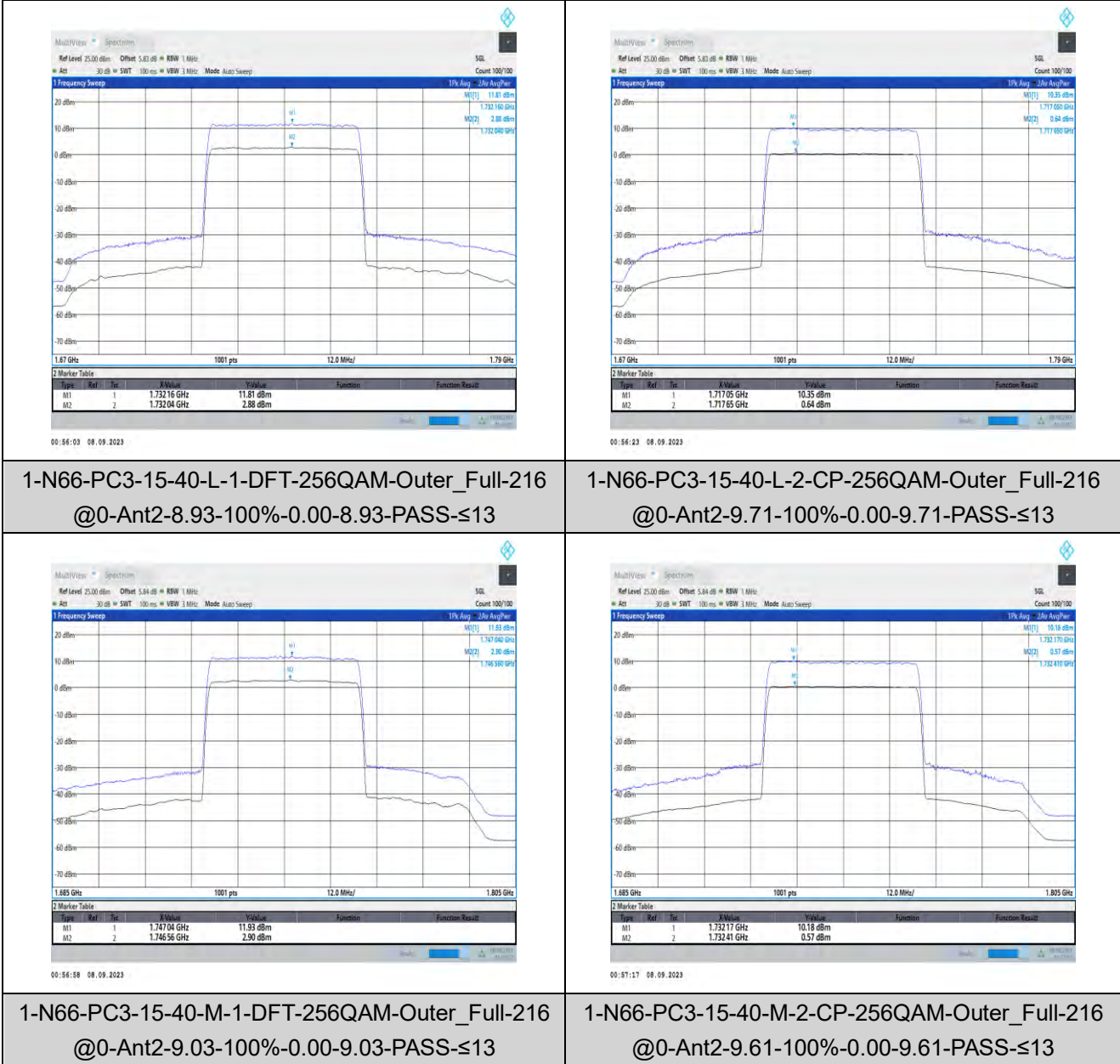


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Test Graphs



1-N66-PC3-15-40-L-1-DFT-256QAM-Outer_Full-216 @0-Ant2-8.93-100%-0.00-8.93-PASS-≤13

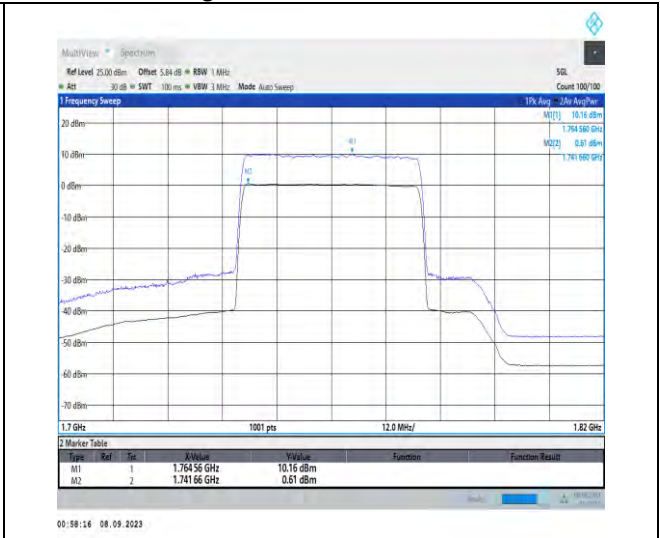
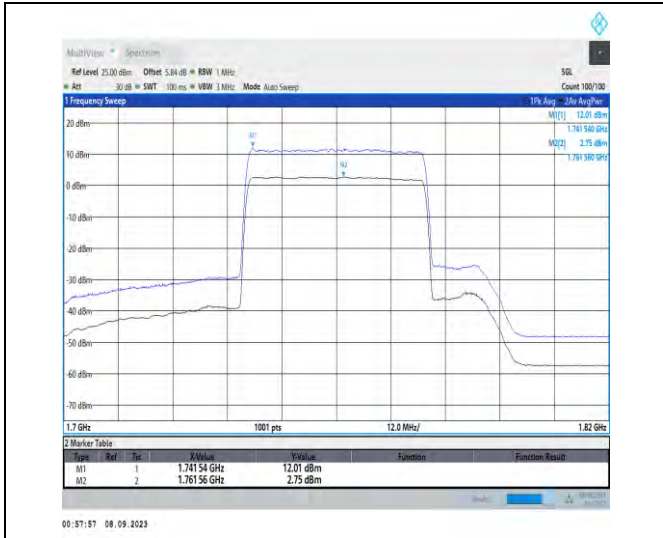
1-N66-PC3-15-40-L-2-CP-256QAM-Outer_Full-216 @0-Ant2-9.71-100%-0.00-9.71-PASS-≤13

1-N66-PC3-15-40-M-1-DFT-256QAM-Outer_Full-216 @0-Ant2-9.03-100%-0.00-9.03-PASS-≤13

1-N66-PC3-15-40-M-2-CP-256QAM-Outer_Full-216 @0-Ant2-9.61-100%-0.00-9.61-PASS-≤13



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1-N66-PC3-15-40-H-1-DFT-256QAM-Outer_Full-216
@0-Ant2-9.26-100%-0.00-9.26-PASS-≤13

1-N66-PC3-15-40-H-2-CP-256QAM-Outer_Full-216
@0-Ant2-9.55-100%-0.00-9.55-PASS-≤13



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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	4.464	4.790	PASS
N66	15	5	DFT-PI2BPSK	M	Outer_Full	4.471	4.830	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	4.464	4.800	PASS
N66	15	5	DFT-64QAM	M	Outer_Full	4.442	4.820	PASS
N66	15	5	DFT-256QAM	M	Outer_Full	4.458	4.750	PASS
N66	15	5	CP-QPSK	M	Outer_Full	4.476	4.840	PASS
N66	15	5	CP-16QAM	M	Outer_Full	4.481	4.870	PASS
N66	15	5	CP-64QAM	M	Outer_Full	4.463	4.780	PASS
N66	15	5	CP-256QAM	M	Outer_Full	4.462	4.790	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	8.937	9.400	PASS
N66	15	10	DFT-PI2BPSK	M	Outer_Full	8.919	9.400	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	8.917	9.360	PASS
N66	15	10	DFT-64QAM	M	Outer_Full	8.912	9.420	PASS
N66	15	10	DFT-256QAM	M	Outer_Full	8.915	9.400	PASS
N66	15	10	CP-QPSK	M	Outer_Full	9.275	9.740	PASS
N66	15	10	CP-16QAM	M	Outer_Full	9.263	9.760	PASS
N66	15	10	CP-64QAM	M	Outer_Full	9.264	9.680	PASS
N66	15	10	CP-256QAM	M	Outer_Full	9.272	9.720	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	13.445	14.100	PASS
N66	15	15	DFT-PI2BPSK	M	Outer_Full	13.377	14.100	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	13.43	14.040	PASS
N66	15	15	DFT-64QAM	M	Outer_Full	13.406	14.160	PASS
N66	15	15	DFT-256QAM	M	Outer_Full	13.418	14.130	PASS
N66	15	15	CP-QPSK	M	Outer_Full	14.123	14.850	PASS
N66	15	15	CP-16QAM	M	Outer_Full	14.142	14.850	PASS
N66	15	15	CP-64QAM	M	Outer_Full	14.106	14.850	PASS
N66	15	15	CP-256QAM	M	Outer_Full	14.082	14.760	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	17.87	18.600	PASS
N66	15	20	DFT-PI2BPSK	M	Outer_Full	17.87	18.560	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	17.873	18.600	PASS



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N66	15	20	DFT-64QAM	M	Outer_Full	17.86	18.600	PASS
N66	15	20	DFT-256QAM	M	Outer_Full	17.873	18.760	PASS
N66	15	20	CP-QPSK	M	Outer_Full	18.917	19.800	PASS
N66	15	20	CP-16QAM	M	Outer_Full	18.919	19.760	PASS
N66	15	20	CP-64QAM	M	Outer_Full	18.915	19.640	PASS
N66	15	20	CP-256QAM	M	Outer_Full	18.93	19.600	PASS
N66	15	25	DFT-QPSK	M	Outer_Full	22.875	24.000	PASS
N66	15	25	DFT-PI2BPSK	M	Outer_Full	22.854	23.850	PASS
N66	15	25	DFT-16QAM	M	Outer_Full	22.869	23.900	PASS
N66	15	25	DFT-64QAM	M	Outer_Full	22.873	23.800	PASS
N66	15	25	DFT-256QAM	M	Outer_Full	22.876	23.800	PASS
N66	15	25	CP-QPSK	M	Outer_Full	23.755	24.750	PASS
N66	15	25	CP-16QAM	M	Outer_Full	23.73	24.750	PASS
N66	15	25	CP-64QAM	M	Outer_Full	23.793	24.700	PASS
N66	15	25	CP-256QAM	M	Outer_Full	23.741	24.750	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	28.587	29.820	PASS
N66	15	30	DFT-PI2BPSK	M	Outer_Full	28.556	29.640	PASS
N66	15	30	DFT-16QAM	M	Outer_Full	28.59	29.760	PASS
N66	15	30	DFT-64QAM	M	Outer_Full	28.511	29.820	PASS
N66	15	30	DFT-256QAM	M	Outer_Full	28.609	29.640	PASS
N66	15	30	CP-QPSK	M	Outer_Full	28.477	29.640	PASS
N66	15	30	CP-16QAM	M	Outer_Full	28.567	29.760	PASS
N66	15	30	CP-64QAM	M	Outer_Full	28.51	29.760	PASS
N66	15	30	CP-256QAM	M	Outer_Full	28.533	29.760	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	38.484	40.160	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	38.544	40.160	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	38.531	40.240	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	38.45	40.160	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	38.502	40.240	PASS
N66	15	40	CP-QPSK	M	Outer_Full	38.43	40.240	PASS
N66	15	40	CP-16QAM	M	Outer_Full	38.567	40.160	PASS
N66	15	40	CP-64QAM	M	Outer_Full	38.456	40.160	PASS
N66	15	40	CP-256QAM	M	Outer_Full	38.491	40.240	PASS

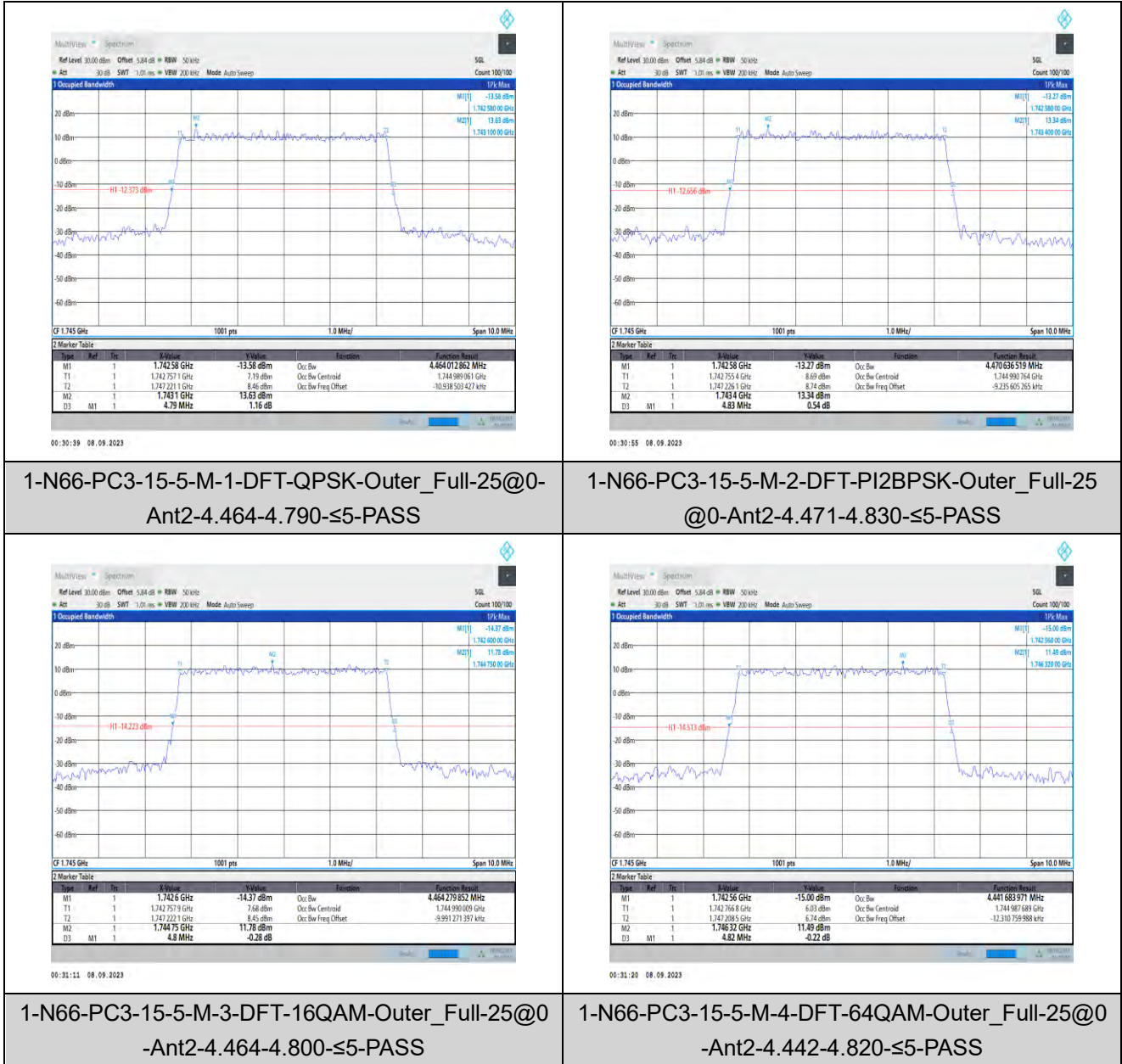


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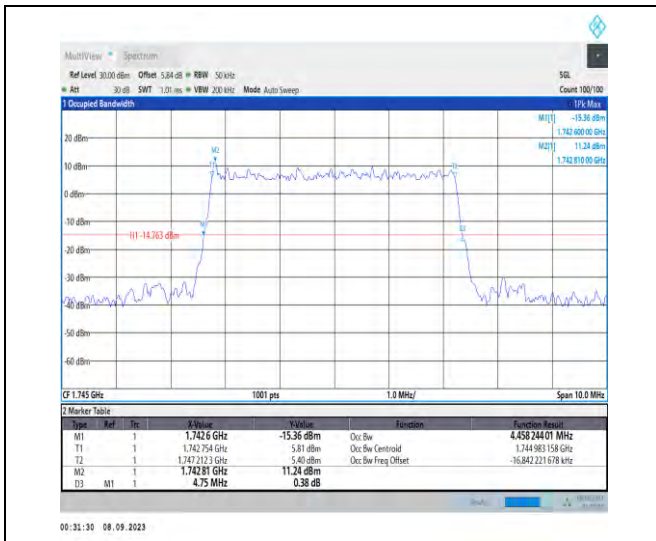
Test Graphs



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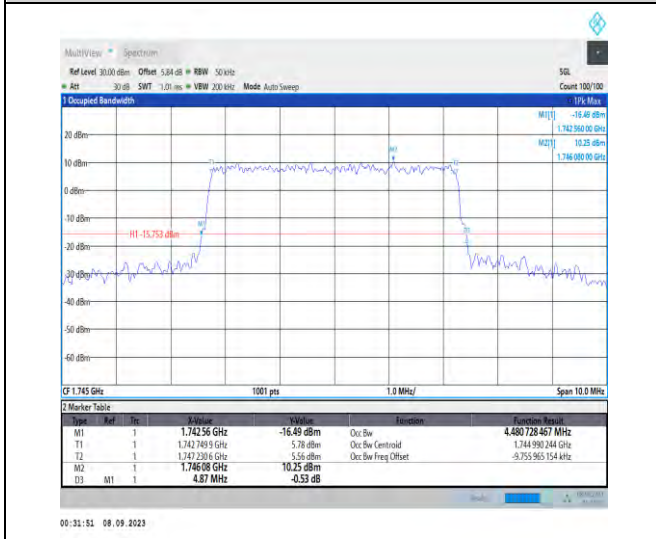
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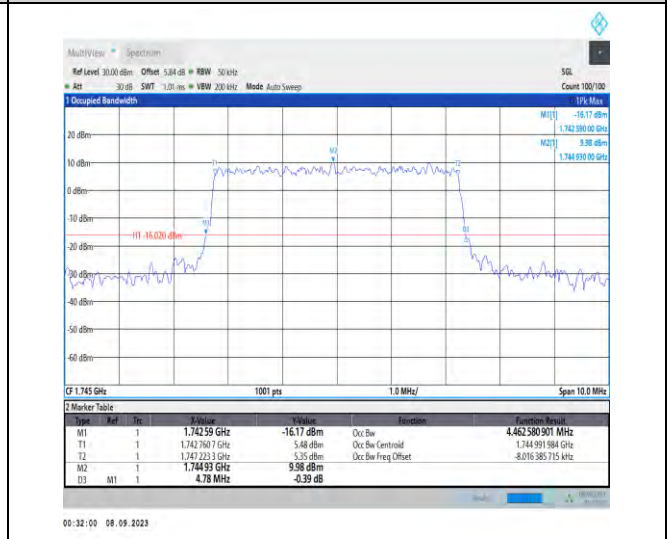
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1-N66-PC3-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant2-4.476-4.840-≤5-PASS



1-N66-PC3-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant2-4.481-4.870-≤5-PASS



1-N66-PC3-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant2-4.463-4.780-≤5-PASS



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1-N66-PC3-15-5-M-9-CP-256QAM-Outer_Full-25@0
-Ant2-4.462-4.790-≤5-PASS



1-N66-PC3-15-10-M-1-DFT-QPSK-Outer_Full-50@0
-Ant2-8.937-9.400-≤10-PASS



1-N66-PC3-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant2-8.919-9.400-≤10-PASS



1-N66-PC3-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant2-8.917-9.360-≤10-PASS



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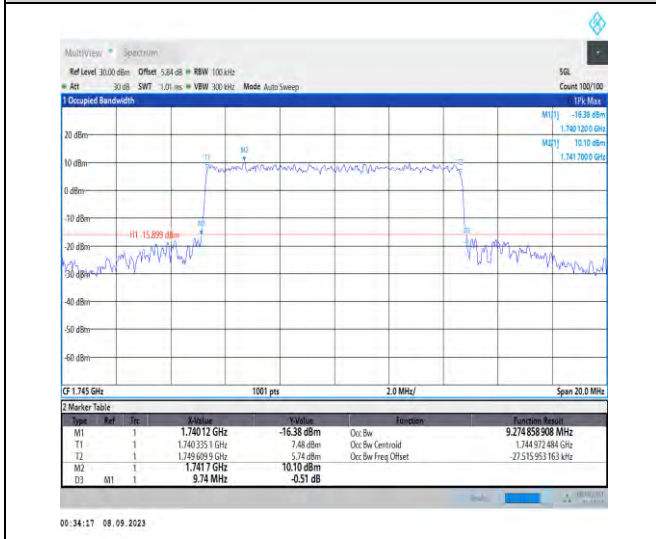
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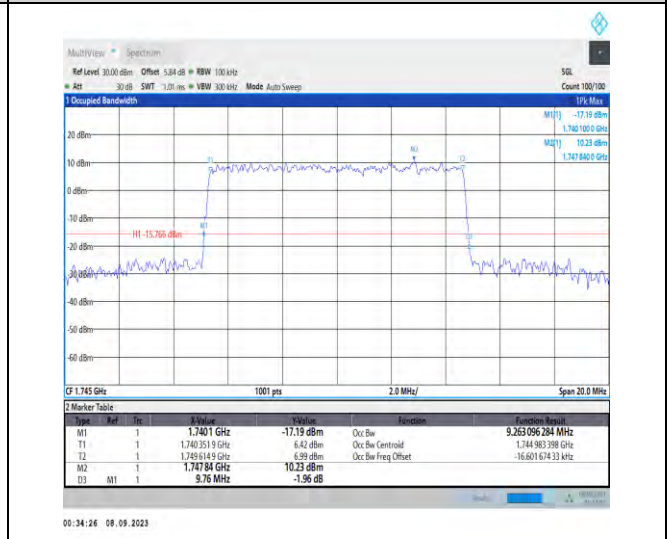
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1-N66-PC3-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant2-8.915-9.400-≤10-PASS



1-N66-PC3-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant2-9.275-9.740-≤10-PASS



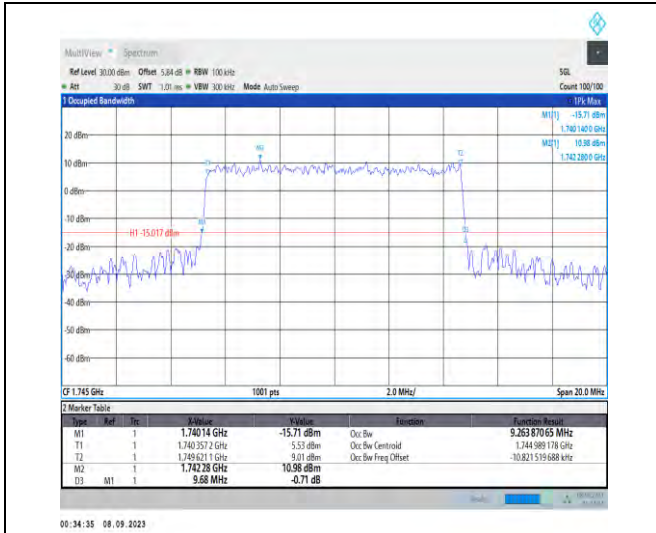
1-N66-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant2-9.263-9.760-≤10-PASS



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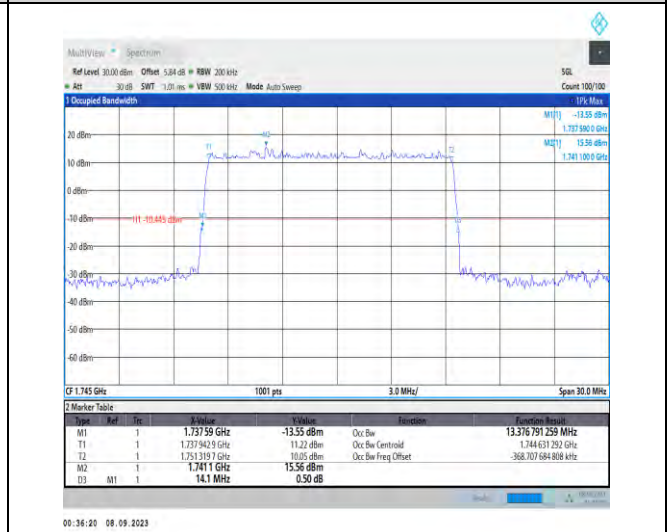
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1-N66-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant2-9.272-9.720-≤10-PASS



1-N66-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0
-Ant2-13.445-14.100-≤15-PASS



1-N66-PC3-15-15-M-2-DFT-PI2BPSK-Outer_Full-75@0-Ant2-13.377-14.100-≤15-PASS



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1-N66-PC3-15-15-M-3-DFT-16QAM-Outer_Full-75@
0-Ant2-13.43-14.040-≤15-PASS



1-N66-PC3-15-15-M-4-DFT-64QAM-Outer_Full-75@
0-Ant2-13.406-14.160-≤15-PASS



1-N66-PC3-15-15-M-5-DFT-256QAM-Outer_Full-75
@0-Ant2-13.418-14.130-≤15-PASS



1-N66-PC3-15-15-M-6-CP-QPSK-Outer_Full-79@0-
Ant2-14.123-14.850-≤15-PASS



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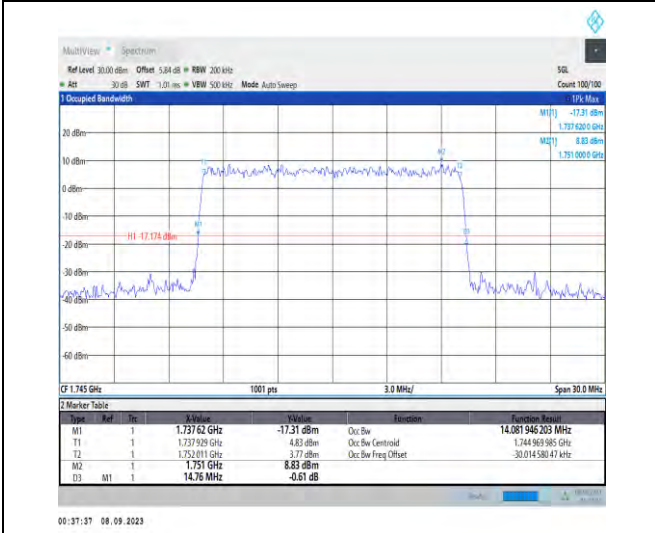
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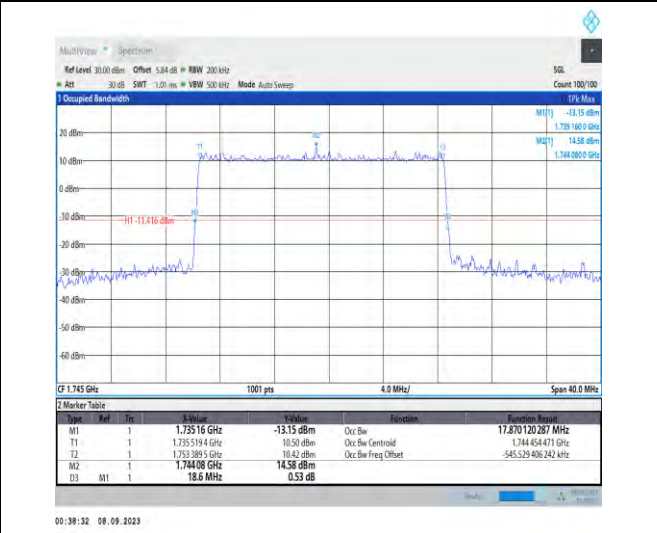
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1-N66-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0
-Ant2-14.106-14.850-≤15-PASS



1-N66-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0
-Ant2-14.082-14.760-≤15-PASS

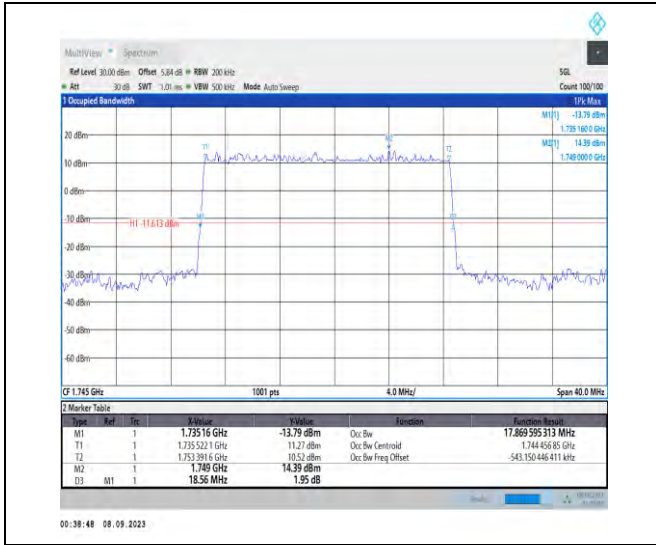


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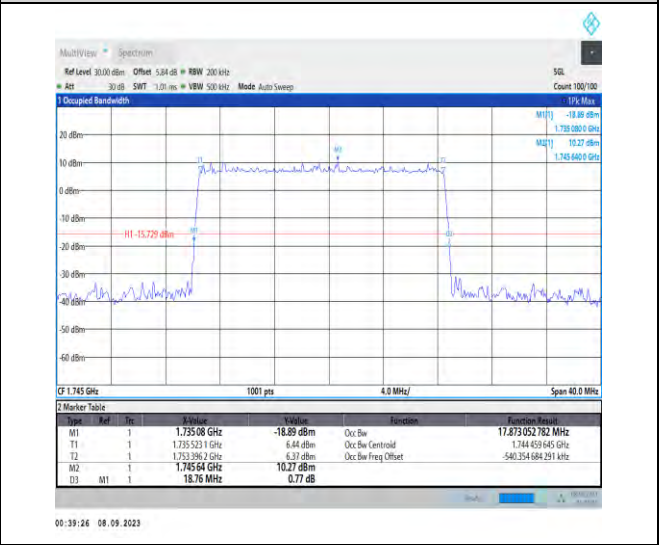
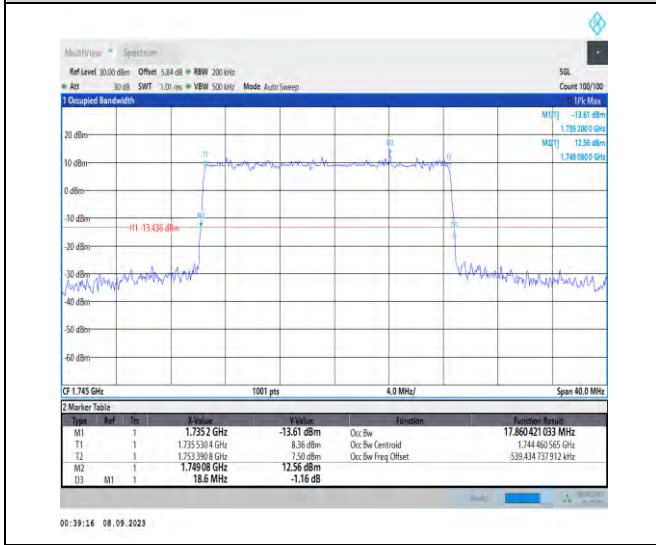
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1-N66-PC3-15-20-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant2-17.87-18.560-≤20-PASS

1-N66-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant2-17.873-18.600-≤20-PASS



1-N66-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant2-17.86-18.600-≤20-PASS

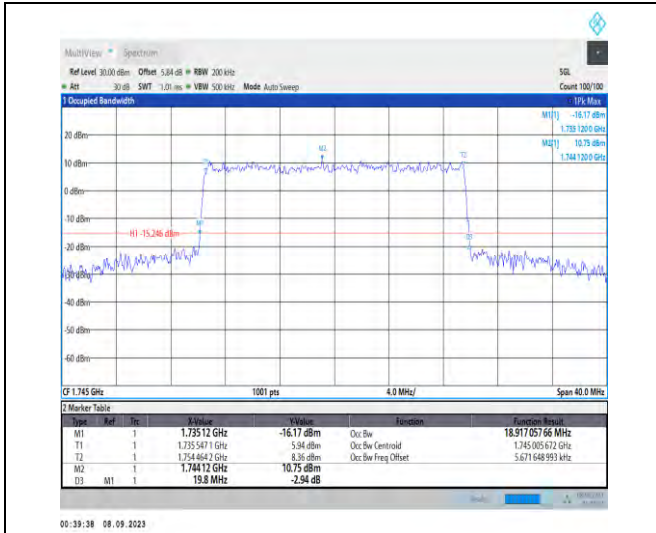
1-N66-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant2-17.873-18.760-≤20-PASS



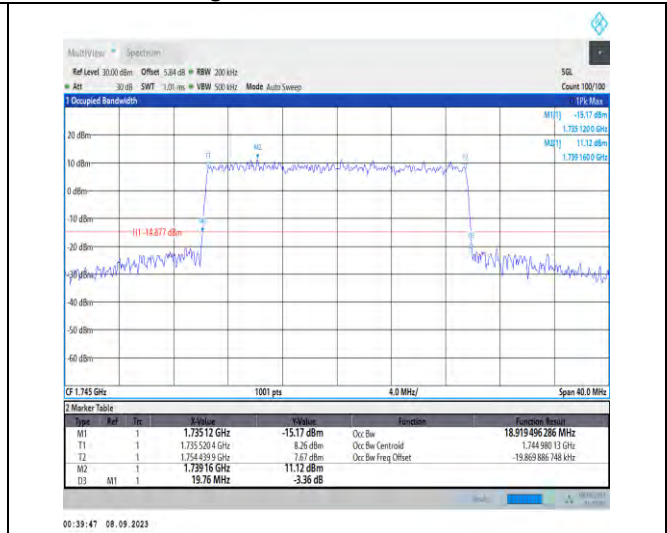
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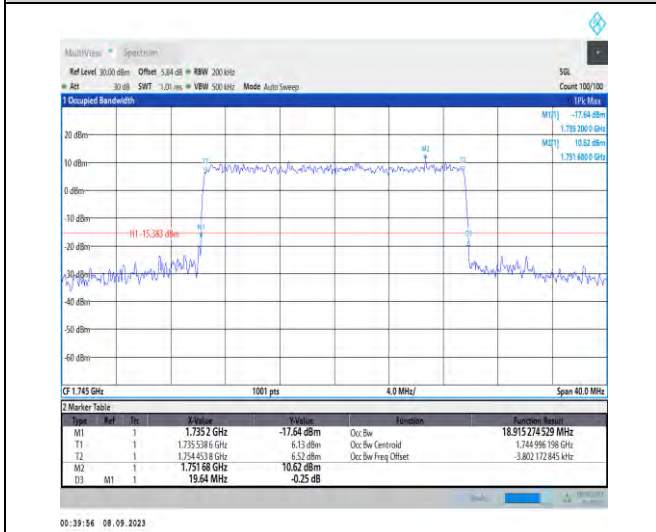
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1-N66-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0
-Ant2-18.917-19.800-≤20-PASS



1-N66-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0
0-Ant2-18.919-19.760-≤20-PASS



1-N66-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0
0-Ant2-18.915-19.640-≤20-PASS



1-N66-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@0
@0-Ant2-18.93-19.600-≤20-PASS



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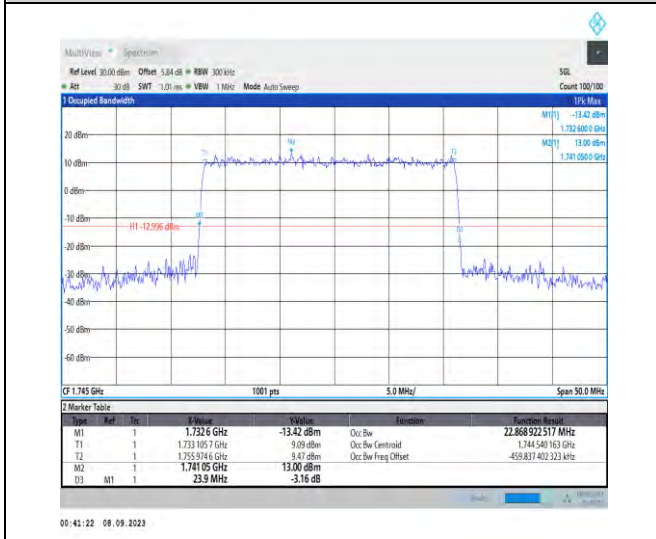
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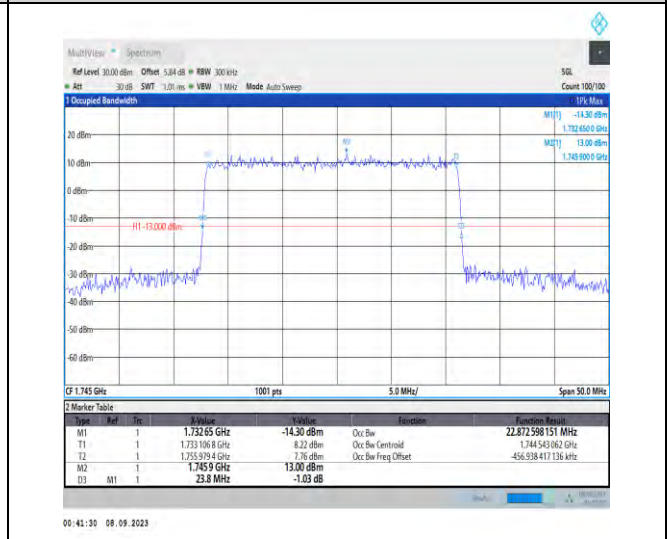
1-N66-PC3-15-25-M-1-DFT-QPSK-Outer_Full-128@
0-Ant2-22.875-24.000-≤25-PASS



1-N66-PC3-15-25-M-2-DFT-PI2BPSK-Outer_Full-128@
0-Ant2-22.854-23.850-≤25-PASS



1-N66-PC3-15-25-M-3-DFT-16QAM-Outer_Full-128
@0-Ant2-22.869-23.900-≤25-PASS



1-N66-PC3-15-25-M-4-DFT-64QAM-Outer_Full-128
@0-Ant2-22.873-23.800-≤25-PASS

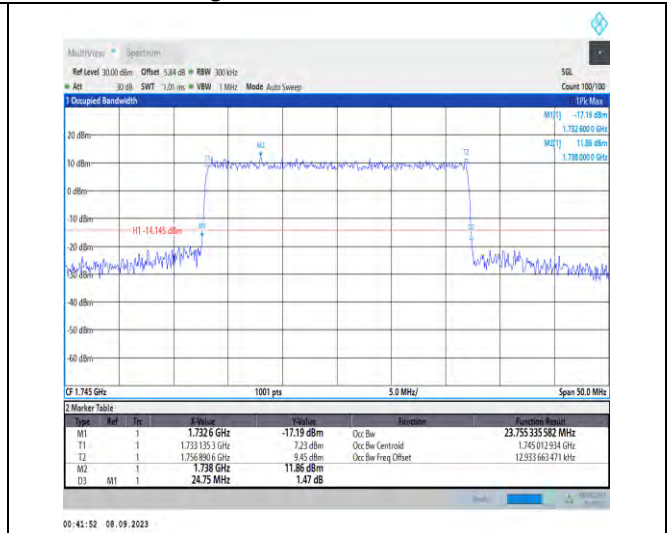


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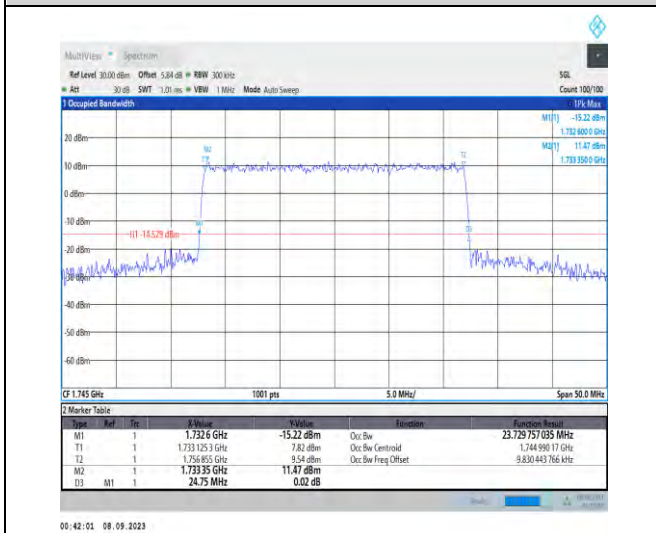
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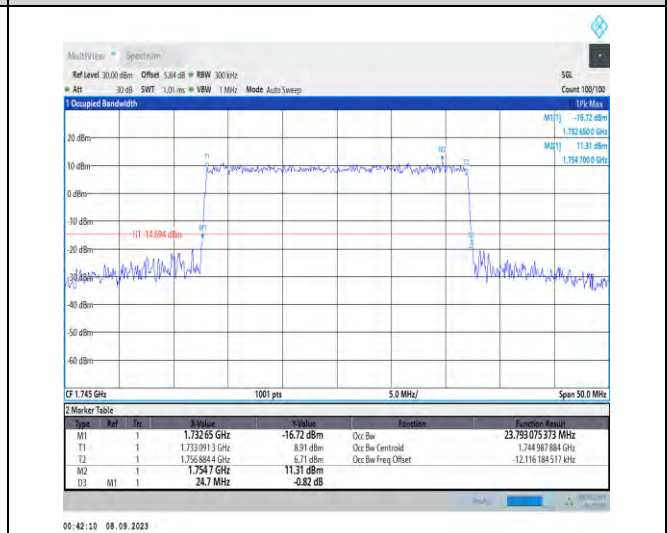
1-N66-PC3-15-25-M-5-DFT-256QAM-Outer_Full-128 @0-Ant2-22.876-23.800-≤25-PASS



1-N66-PC3-15-25-M-6-CP-QPSK-Outer_Full-133@0-Ant2-23.755-24.750-≤25-PASS



1-N66-PC3-15-25-M-7-CP-16QAM-Outer_Full-133@0-Ant2-23.73-24.750-≤25-PASS



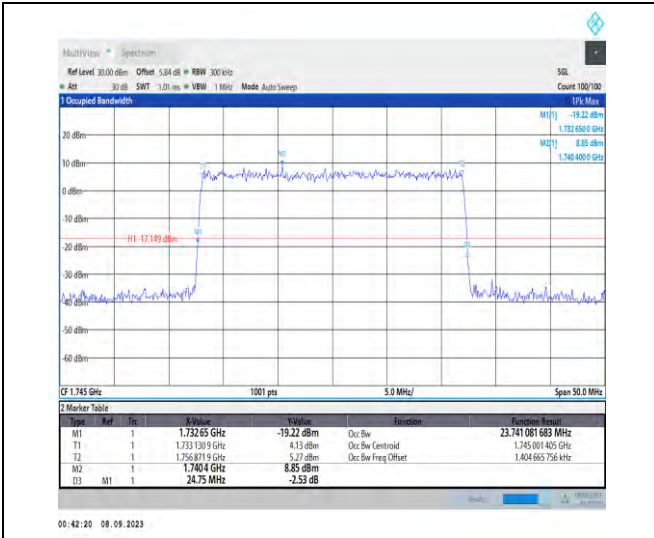
1-N66-PC3-15-25-M-8-CP-64QAM-Outer_Full-133@0-Ant2-23.793-24.700-≤25-PASS



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1-N66-PC3-15-25-M-9-CP-256QAM-Outer_Full-133 @0-Ant2-23.741-24.750-≤25-PASS

1-N66-PC3-15-30-M-1-DFT-QPSK-Outer_Full-160 @0-Ant2-28.587-29.820-≤30-PASS



1-N66-PC3-15-30-M-2-DFT-PI2BPSK-Outer_Full-160 @0-Ant2-28.556-29.640-≤30-PASS

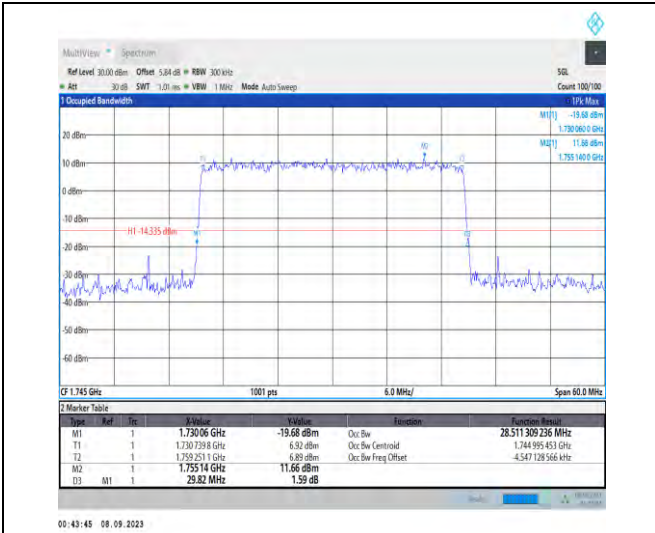
1-N66-PC3-15-30-M-3-DFT-16QAM-Outer_Full-160 @0-Ant2-28.59-29.760-≤30-PASS



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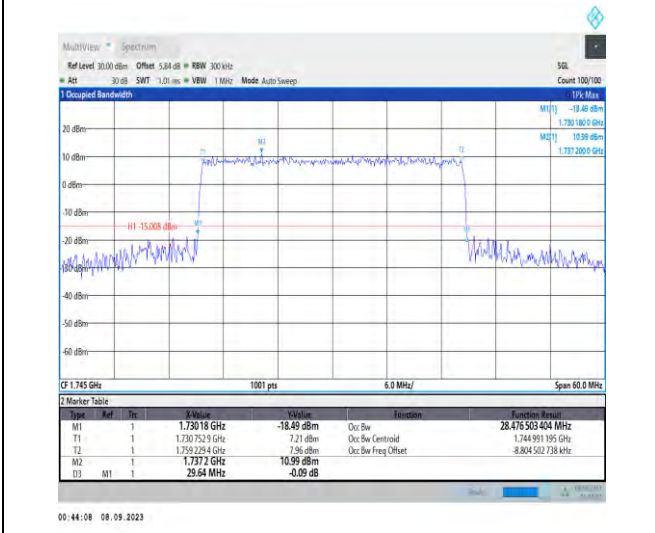
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1-N66-PC3-15-30-M-4-DFT-64QAM-Outer_Full-160 @0-Ant2-28.511-29.820-≤30-PASS

1-N66-PC3-15-30-M-5-DFT-256QAM-Outer_Full-160 @0-Ant2-28.609-29.640-≤30-PASS



1-N66-PC3-15-30-M-6-CP-QPSK-Outer_Full-160@0 -Ant2-28.477-29.640-≤30-PASS

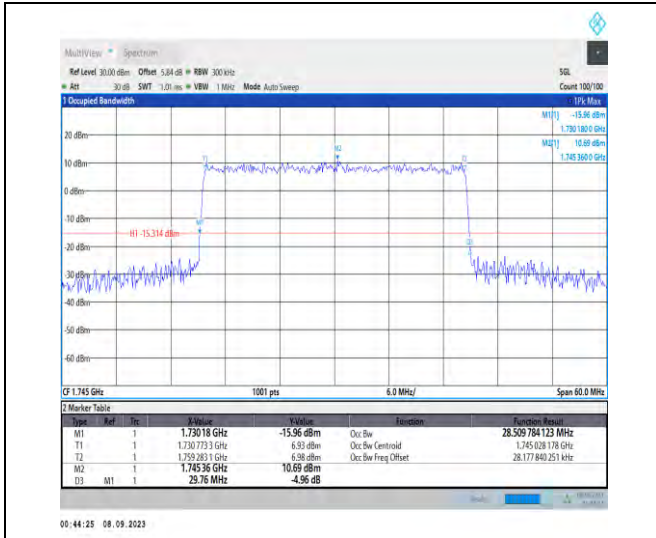
1-N66-PC3-15-30-M-7-CP-16QAM-Outer_Full-160@0 -Ant2-28.567-29.760-≤30-PASS



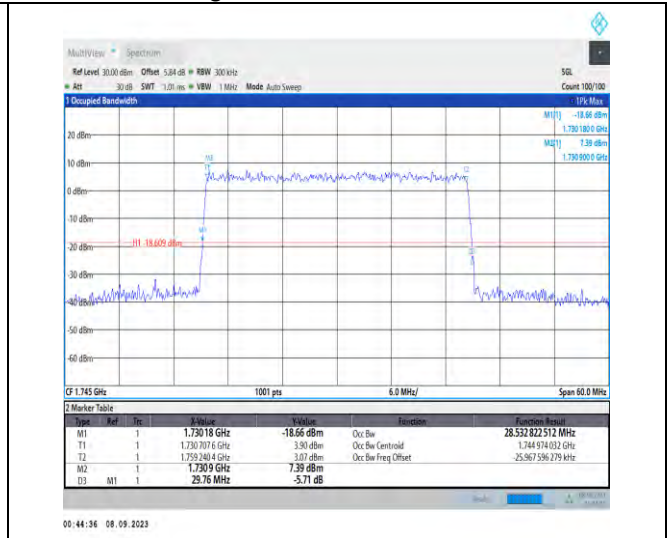
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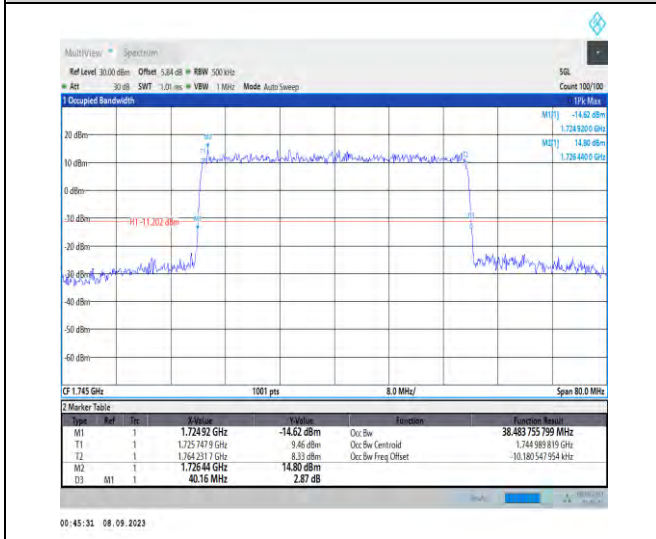
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1-N66-PC3-15-30-M-8-CP-64QAM-Outer_Full-160@0-Ant2-28.51-29.760-≤30-PASS



1-N66-PC3-15-30-M-9-CP-256QAM-Outer_Full-160@0-Ant2-28.533-29.760-≤30-PASS



1-N66-PC3-15-40-M-1-DFT-QPSK-Outer_Full-216@0-Ant2-38.484-40.160-≤40-PASS



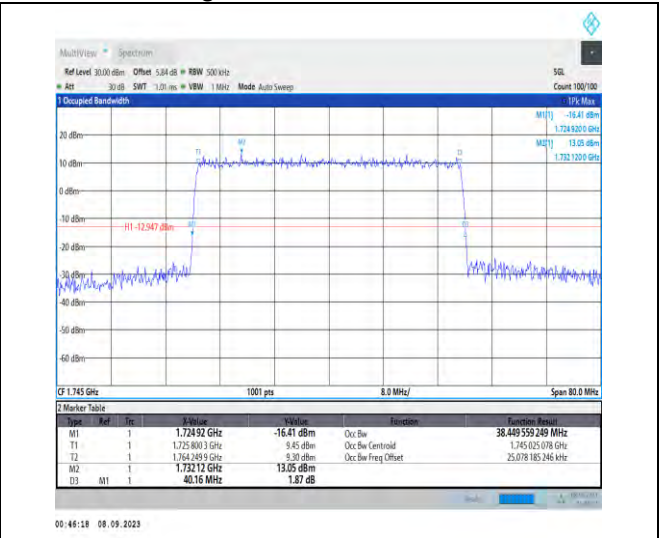
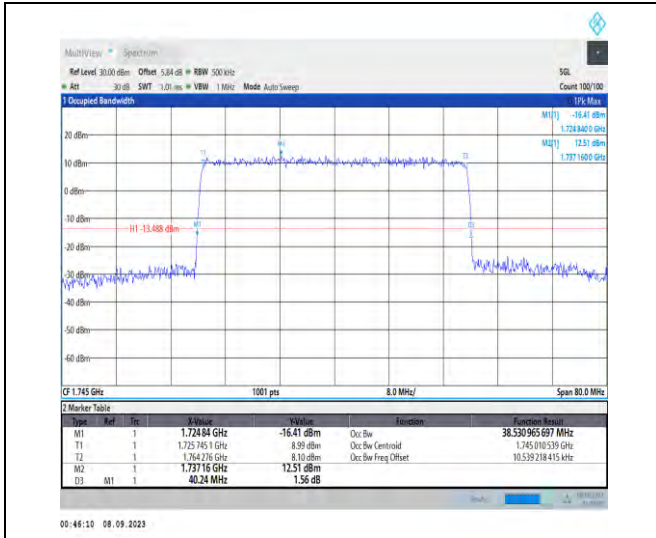
1-N66-PC3-15-40-M-2-DFT-PI2BPSK-Outer_Full-216@0-Ant2-38.544-40.160-≤40-PASS



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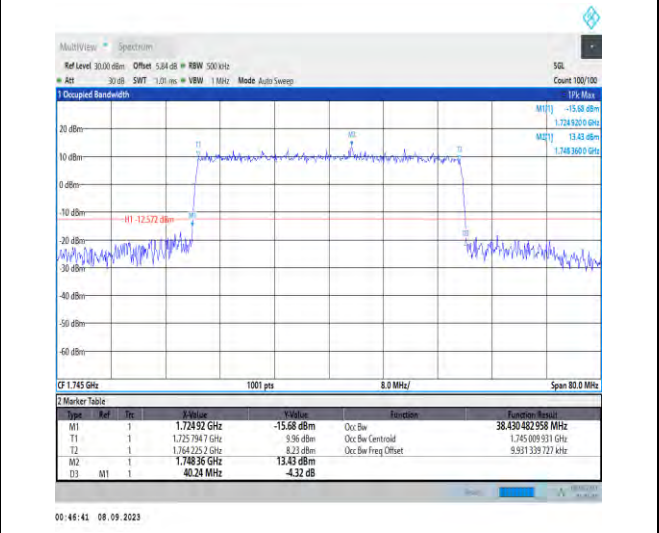
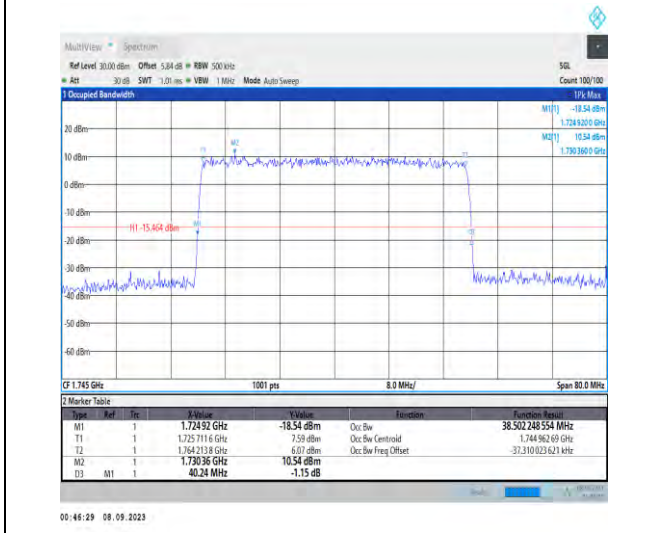
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1-N66-PC3-15-40-M-3-DFT-16QAM-Outer_Full-216 @0-Ant2-38.531-40.240-≤40-PASS

1-N66-PC3-15-40-M-4-DFT-64QAM-Outer_Full-216 @0-Ant2-38.45-40.160-≤40-PASS



1-N66-PC3-15-40-M-5-DFT-256QAM-Outer_Full-216 @0-Ant2-38.502-40.240-≤40-PASS

1-N66-PC3-15-40-M-6-CP-QPSK-Outer_Full-216 @0-Ant2-38.43-40.240-≤40-PASS



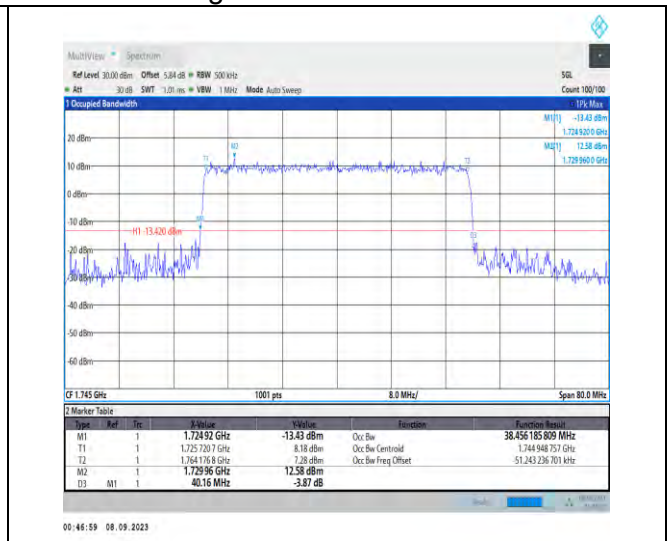
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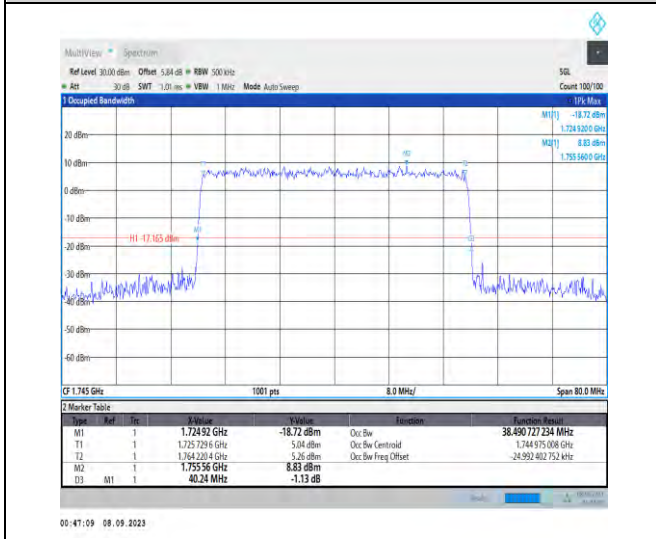
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1-N66-PC3-15-40-M-7-CP-16QAM-Outer_Full-216@
0-Ant2-38.567-40.160-≤40-PASS



1-N66-PC3-15-40-M-8-CP-64QAM-Outer_Full-216@
0-Ant2-38.456-40.160-≤40-PASS



1-N66-PC3-15-40-M-9-CP-256QAM-Outer_Full-216
@0-Ant2-38.491-40.240-≤40-PASS



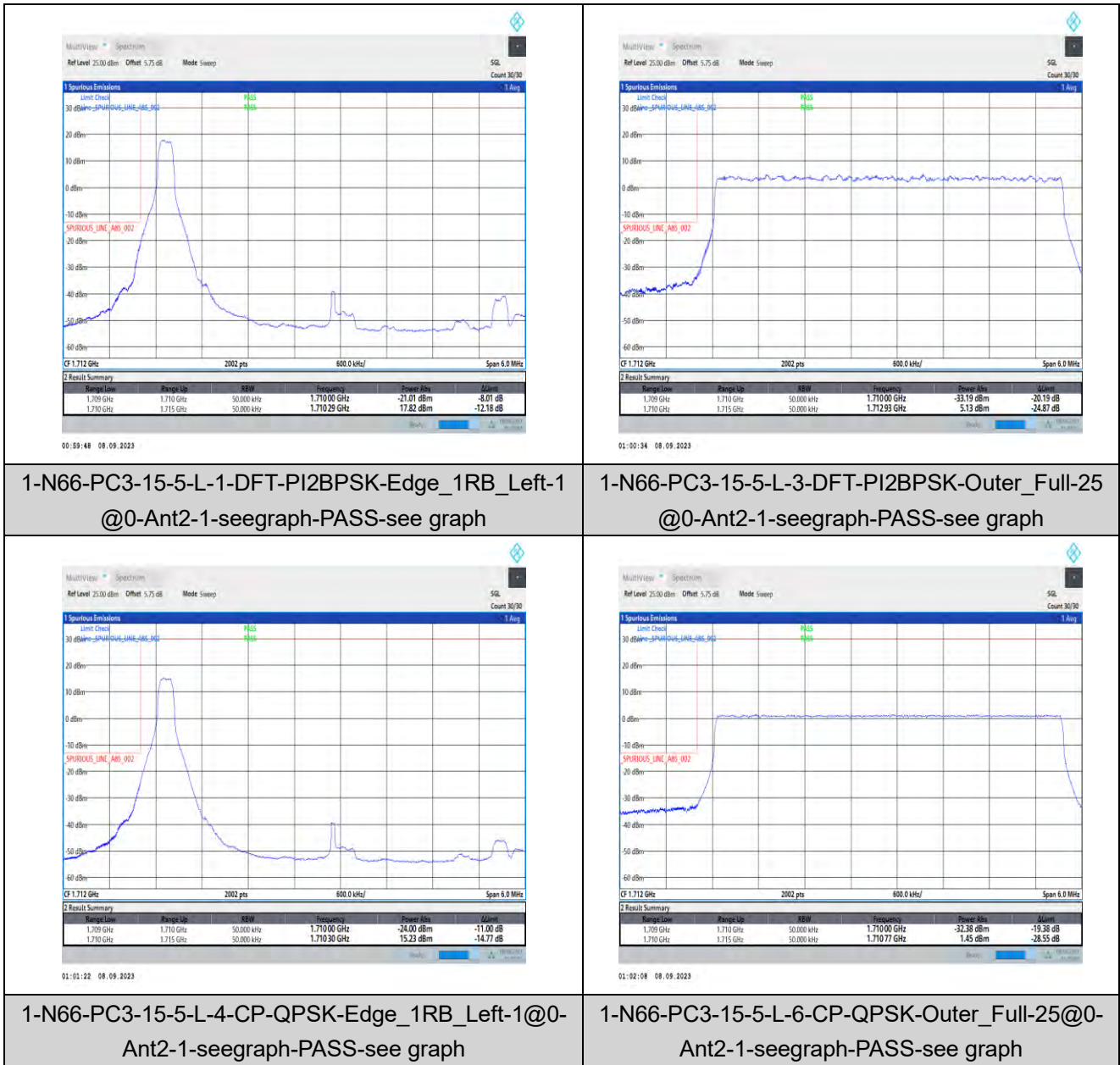
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Band Edge for SA

Test Graphs



1-N66-PC3-15-5-L-1-DFT-PI2BPSK-Edge_1RB_Left-1 @0-Ant2-1-seegraph-PASS-see graph

1-N66-PC3-15-5-L-3-DFT-PI2BPSK-Outer_Full-25 @0-Ant2-1-seegraph-PASS-see graph

1-N66-PC3-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant2-1-seegraph-PASS-see graph

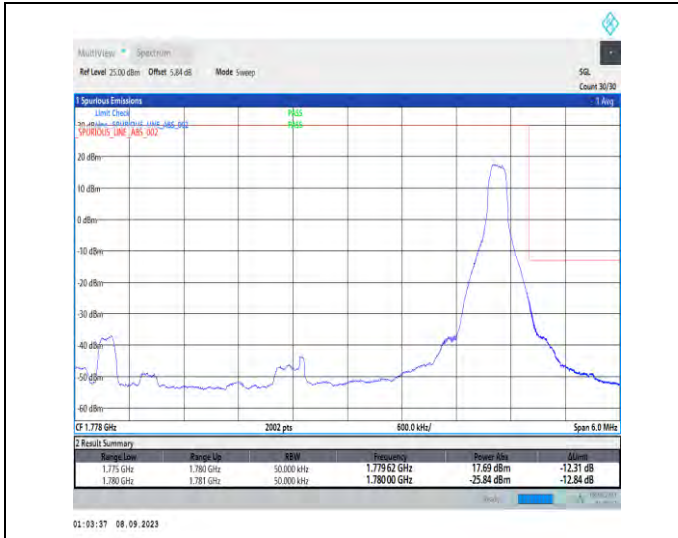
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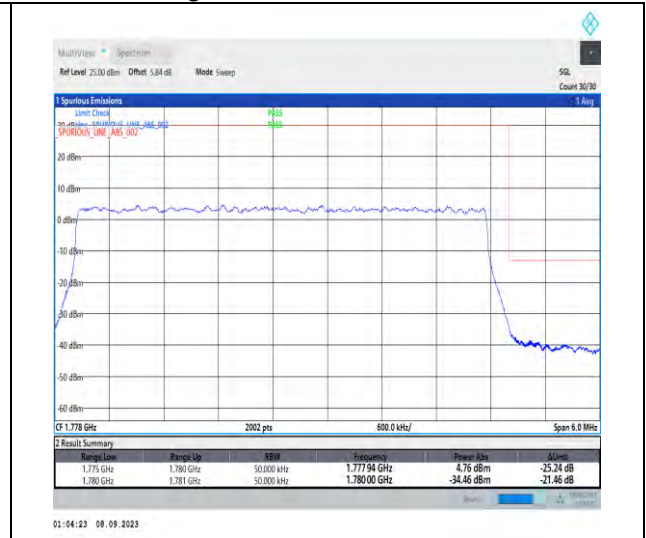
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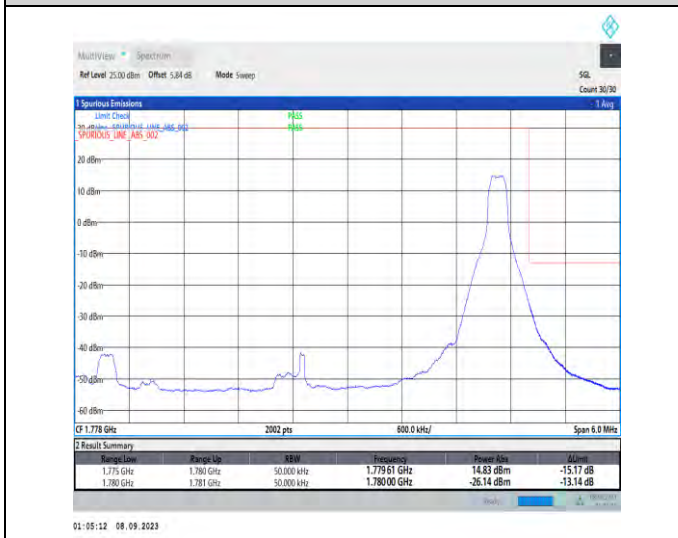
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1-N66-PC3-15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@24-Ant2-1-seegraph-PASS-see graph



1-N66-PC3-15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-Ant2-1-seegraph-PASS-see graph



1-N66-PC3-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant2-1-seegraph-PASS-see graph



1-N66-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant2-1-seegraph-PASS-see graph

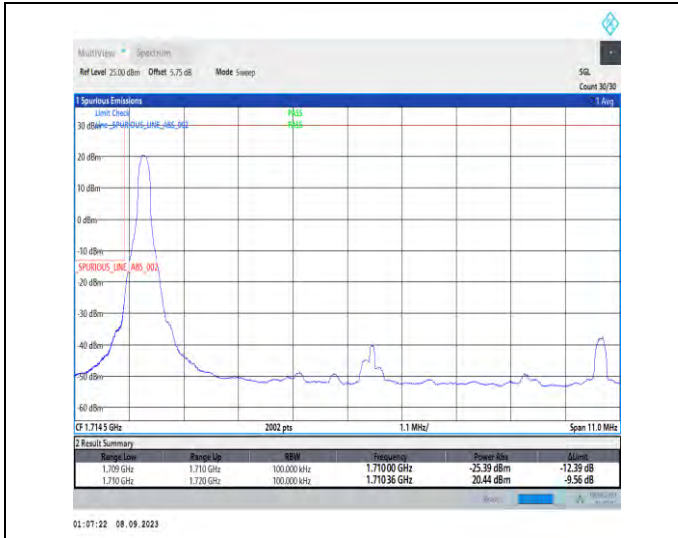


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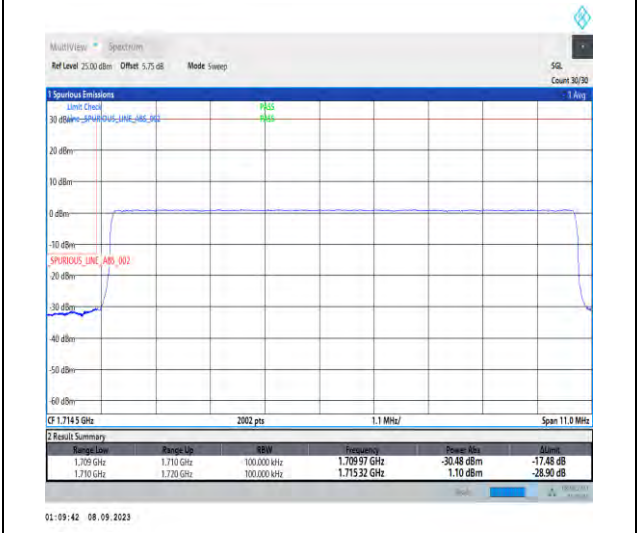
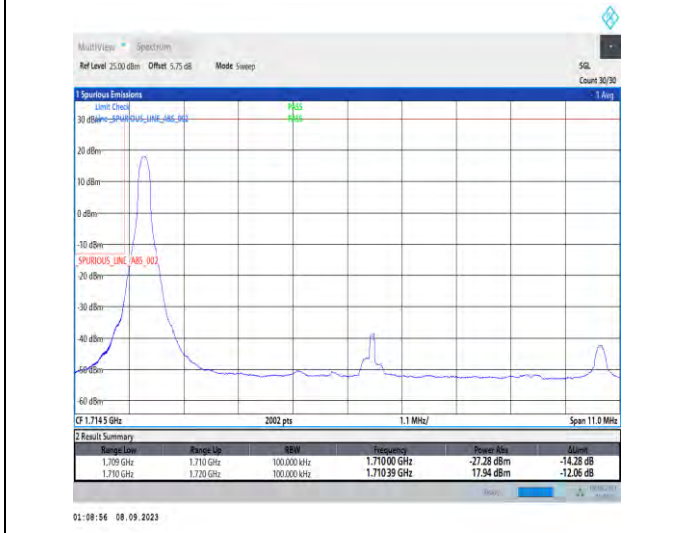
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1-N66-PC3-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant2-1-seegraph-PASS-see graph

1-N66-PC3-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant2-1-seegraph-PASS-see graph



1-N66-PC3-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant2-1-seegraph-PASS-see graph

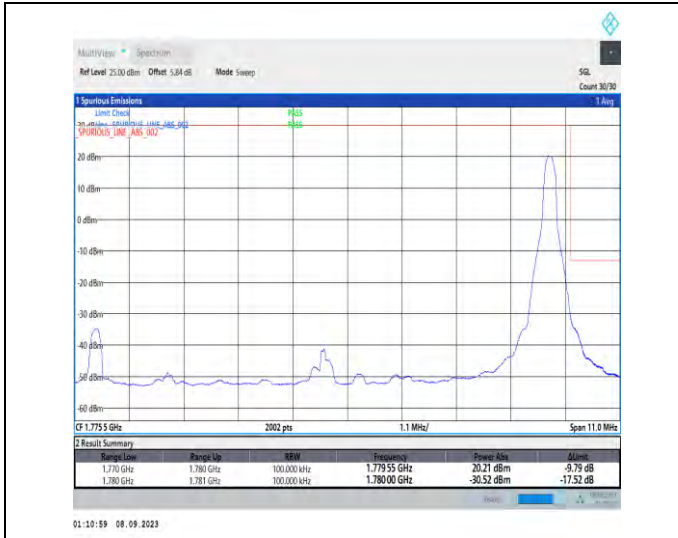
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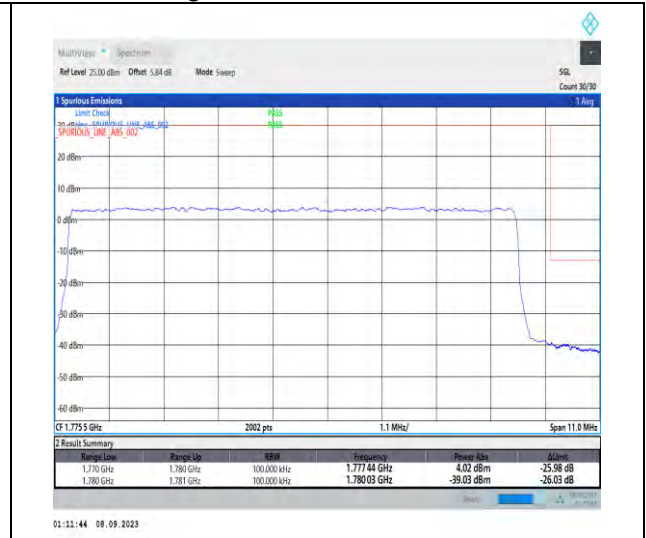
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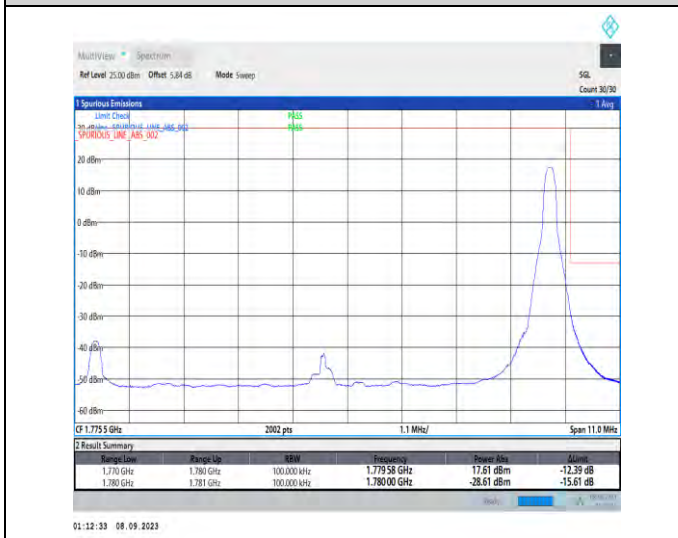
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1-N66-PC3-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@51-Ant2-1-seegraph-PASS-see graph



1-N66-PC3-15-10-H-3-DFT-PI2BPSK-Outer_Full-5 0@0-Ant2-1-seegraph-PASS-see graph



1-N66-PC3-15-10-H-5-CP-QPSK-Edge_1RB_Right-1 @51-Ant2-1-seegraph-PASS-see graph



1-N66-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@ 0-Ant2-1-seegraph-PASS-see graph

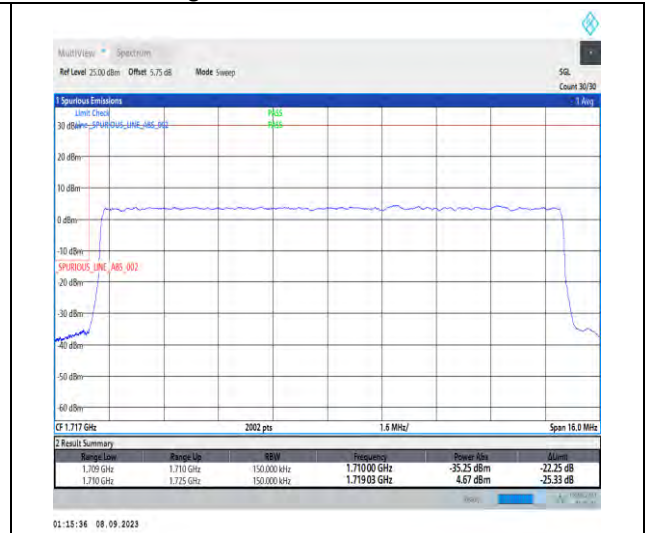
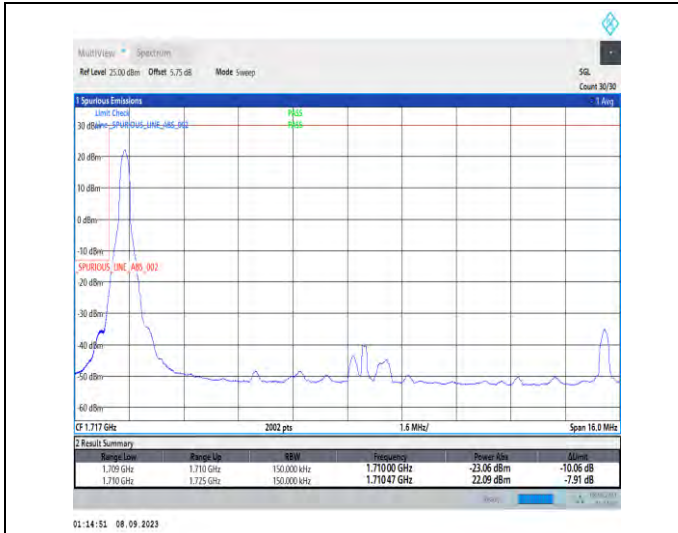


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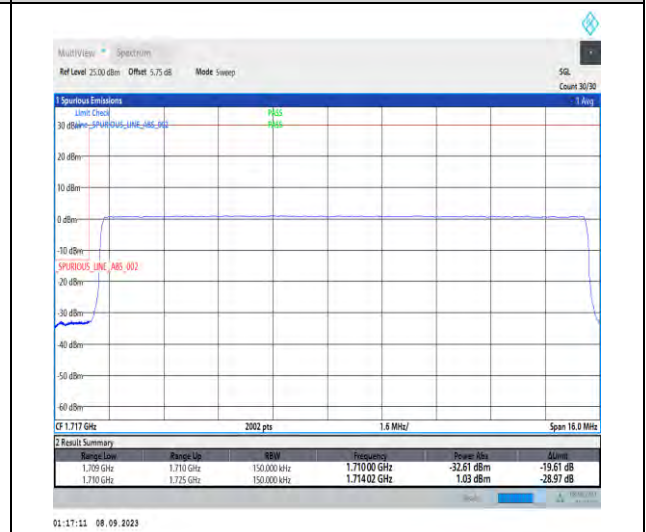
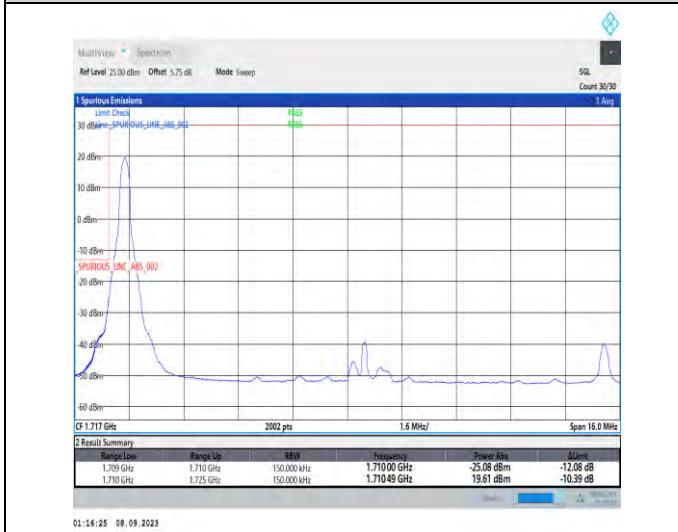
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1-N66-PC3-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant2-1-seegraph-PASS-see graph

1-N66-PC3-15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant2-1-seegraph-PASS-see graph



1-N66-PC3-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant2-1-seegraph-PASS-see graph

1-N66-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant2-1-seegraph-PASS-see graph

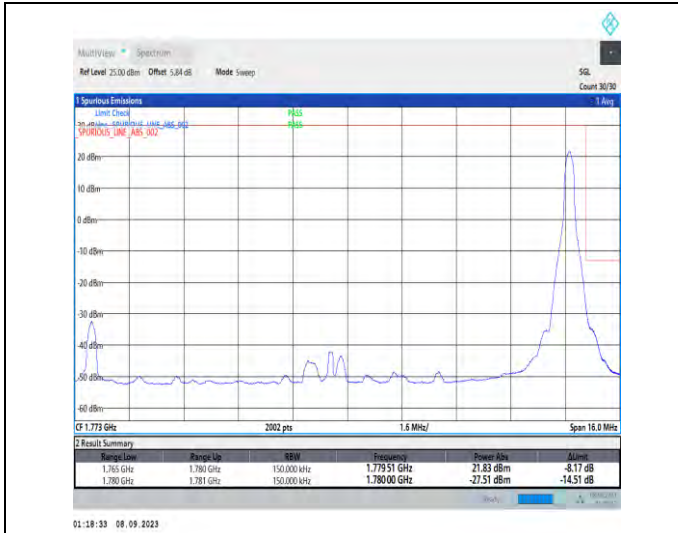


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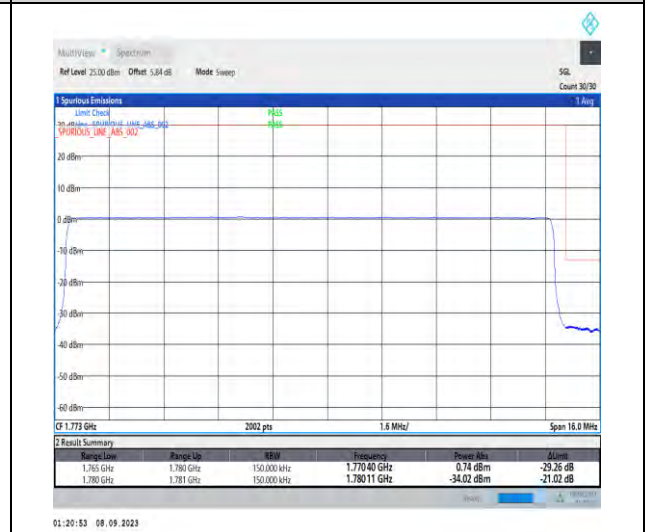
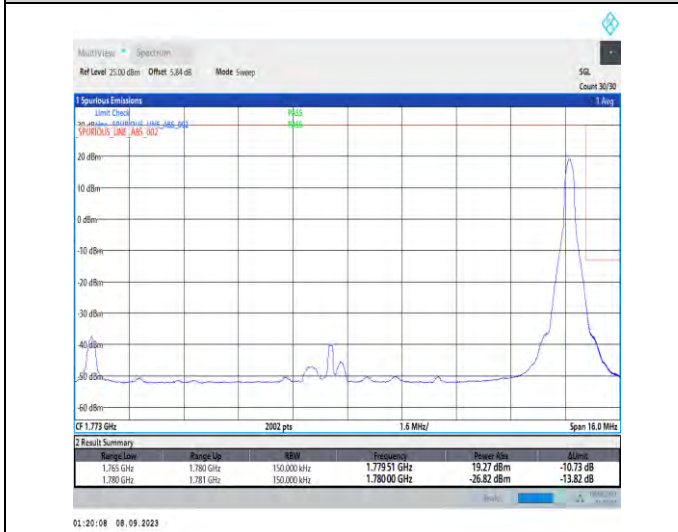
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1-N66-PC3-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Righ t-1@78-Ant2-1-seegraph-PASS-see graph

1-N66-PC3-15-15-H-3-DFT-PI2BPSK-Outer_Full-7 5@0-Ant2-1-seegraph-PASS-see graph



1-N66-PC3-15-15-H-5-CP-QPSK-Edge_1RB_Right-1 @78-Ant2-1-seegraph-PASS-see graph

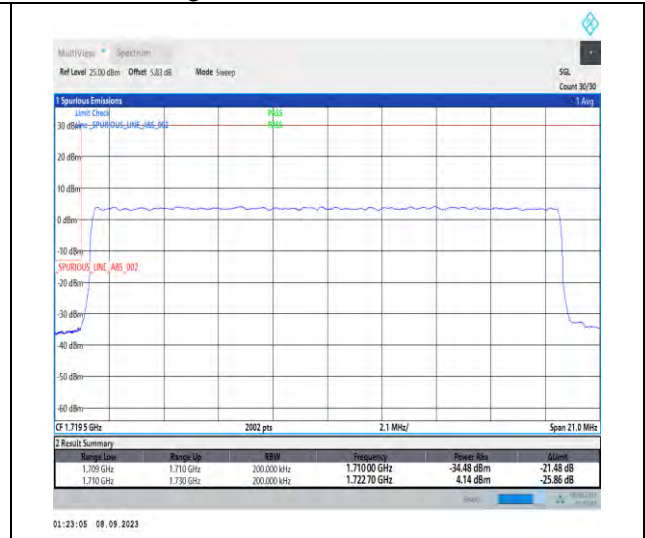
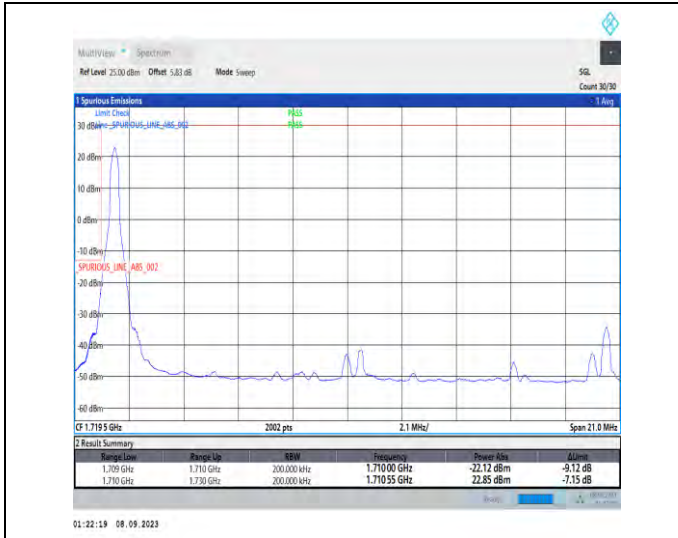
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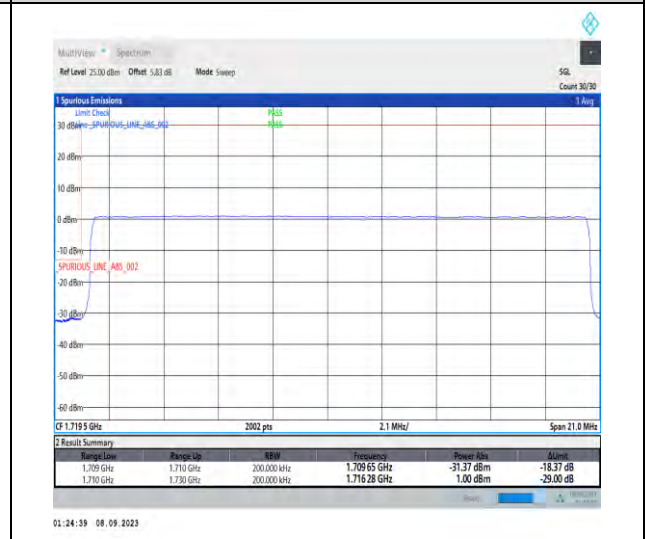
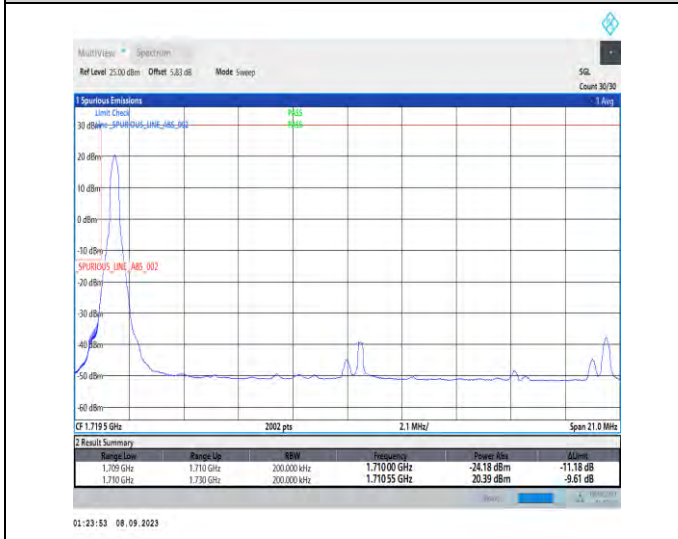
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1-N66-PC3-15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant2-1-seegraph-PASS-see graph

1-N66-PC3-15-20-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant2-1-seegraph-PASS-see graph



1-N66-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant2-1-seegraph-PASS-see graph

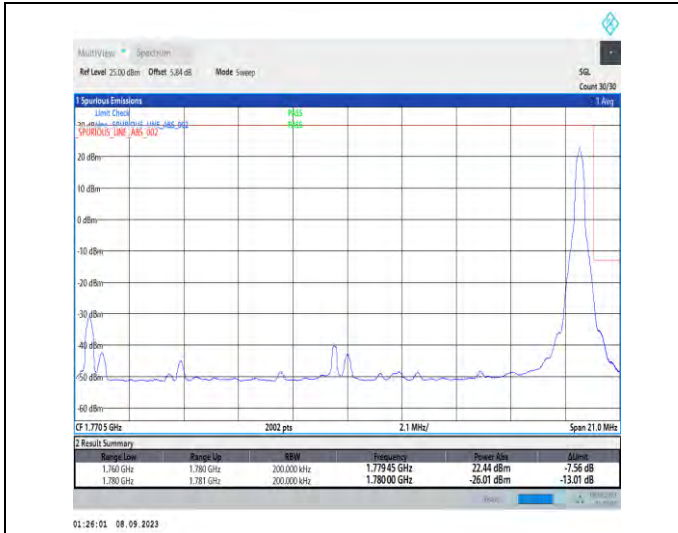
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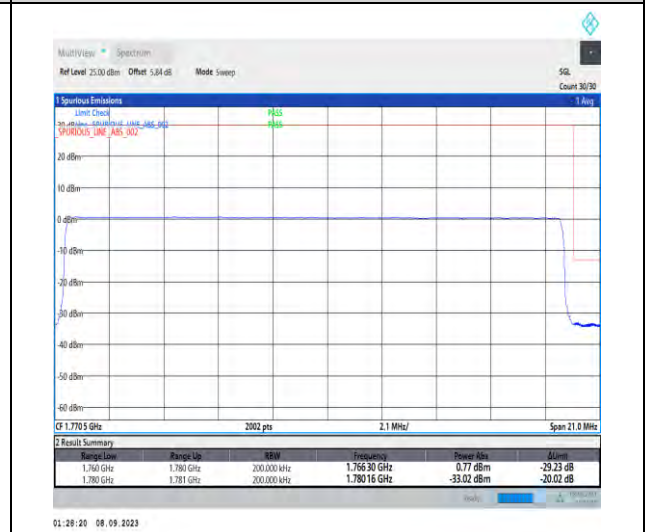
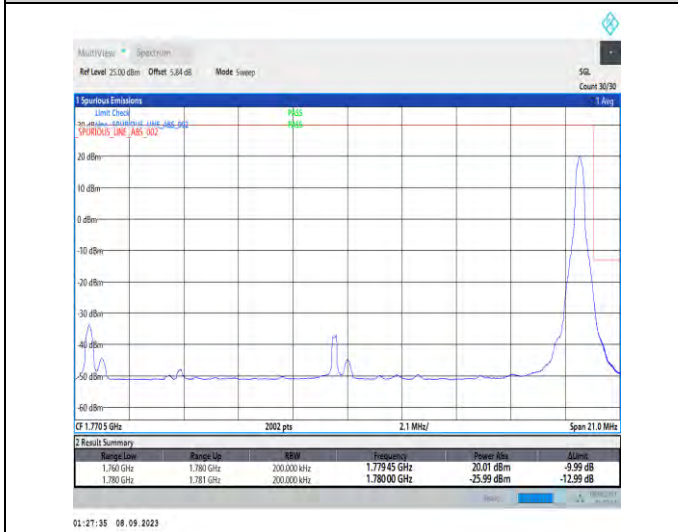
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1-N66-PC3-15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-t-1@105-Ant2-1-seegraph-PASS-see graph

1-N66-PC3-15-20-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant2-1-seegraph-PASS-see graph



1-N66-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant2-1-seegraph-PASS-see graph

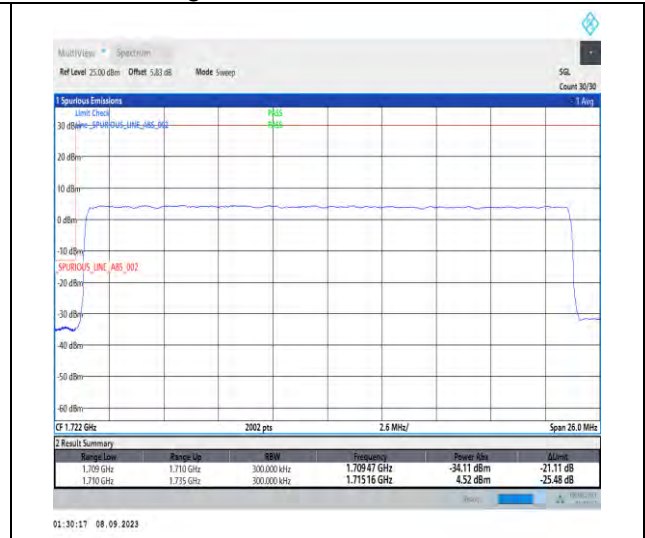
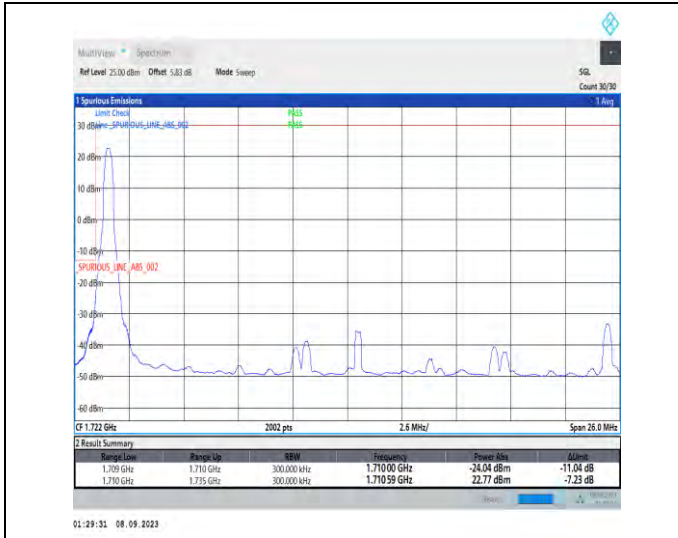
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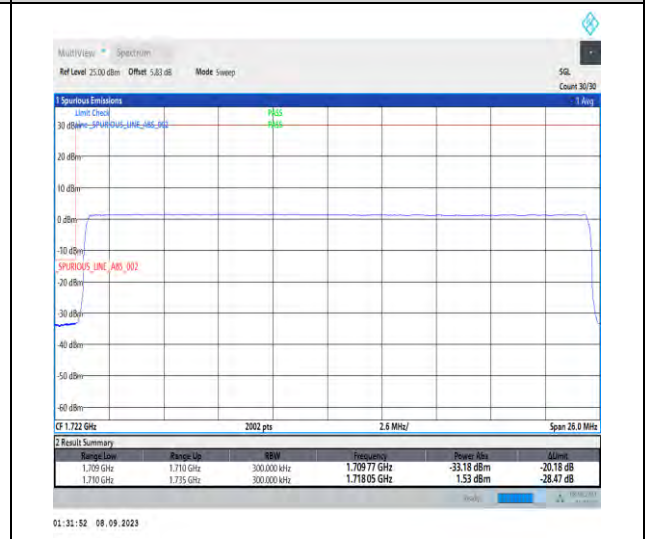
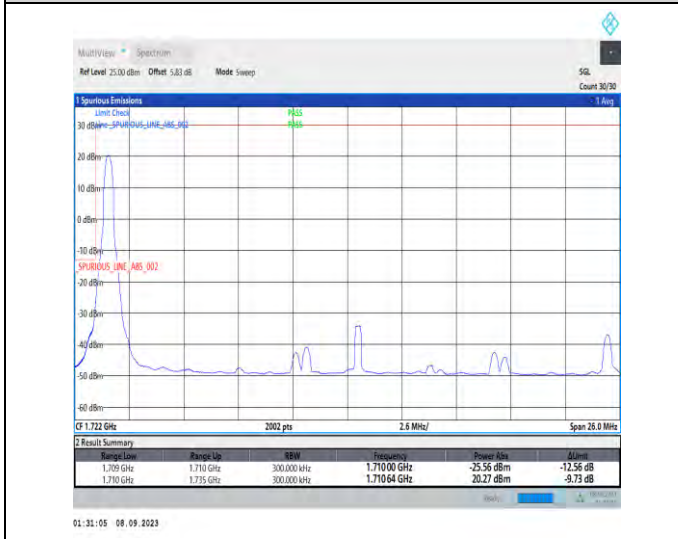
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1-N66-PC3-15-25-L-3-DFT-PI2BPSK-Outer_Full-1 28@0-Ant2-1-seegraph-PASS-see graph



1-N66-PC3-15-25-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant2-1-seegraph-PASS-see graph

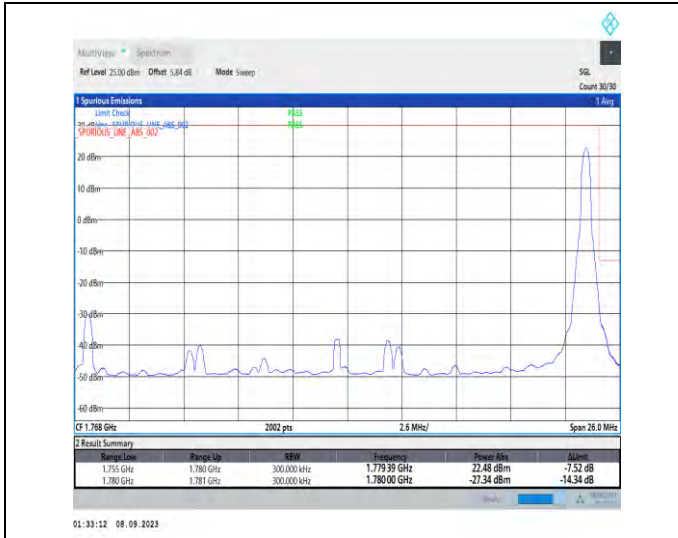
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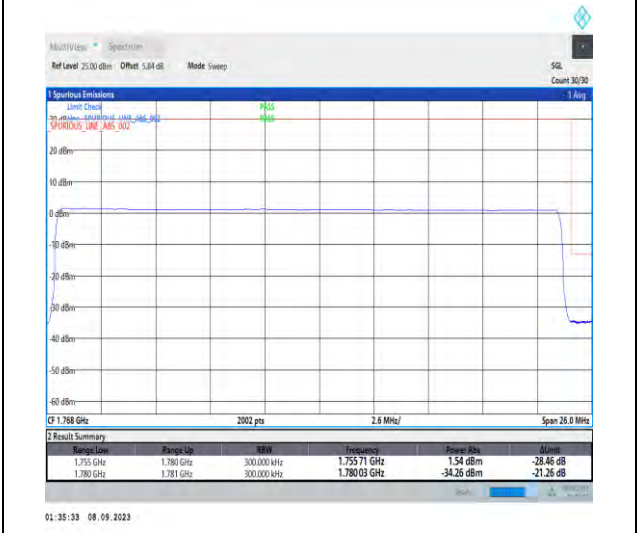
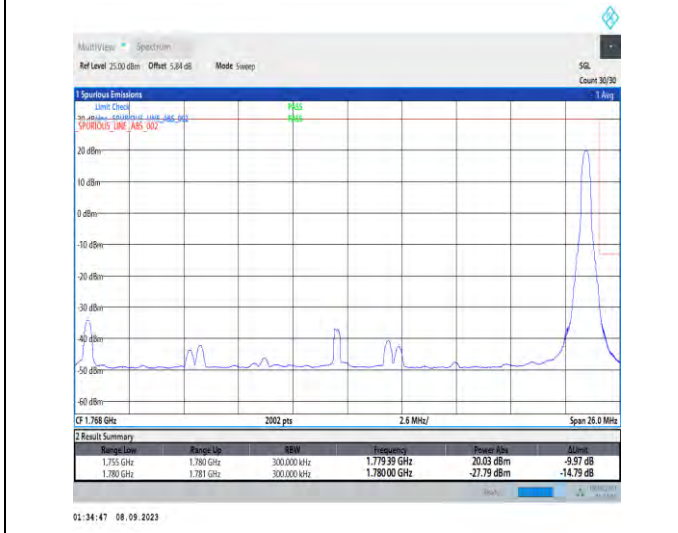
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1-N66-PC3-15-25-H-2-DFT-PI2BPSK-Edge_1RB_Right-t-1@132-Ant2-1-seegraph-PASS-see graph

1-N66-PC3-15-25-H-3-DFT-PI2BPSK-Outer_Full-1-28@0-Ant2-1-seegraph-PASS-see graph



1-N66-PC3-15-25-H-5-CP-QPSK-Edge_1RB_Right-1@132-Ant2-1-seegraph-PASS-see graph

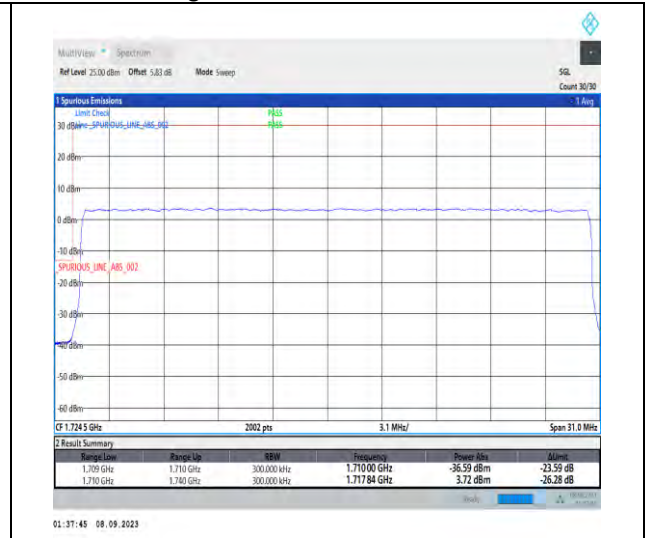
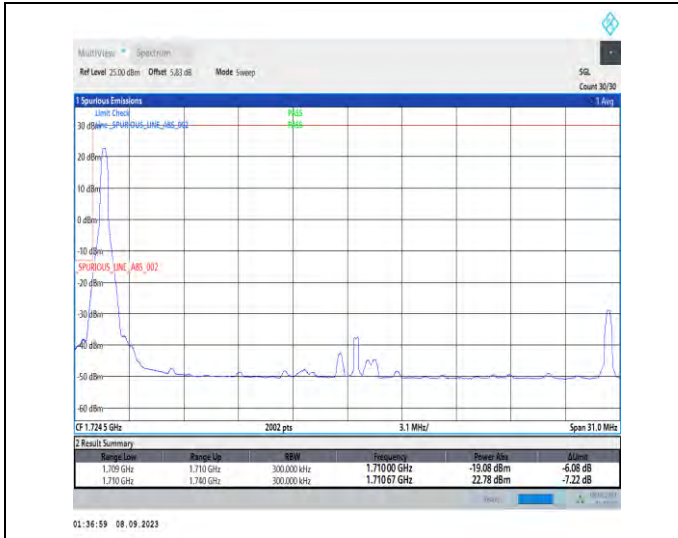
1-N66-PC3-15-25-H-6-CP-QPSK-Outer_Full-133@0-Ant2-1-seegraph-PASS-see graph



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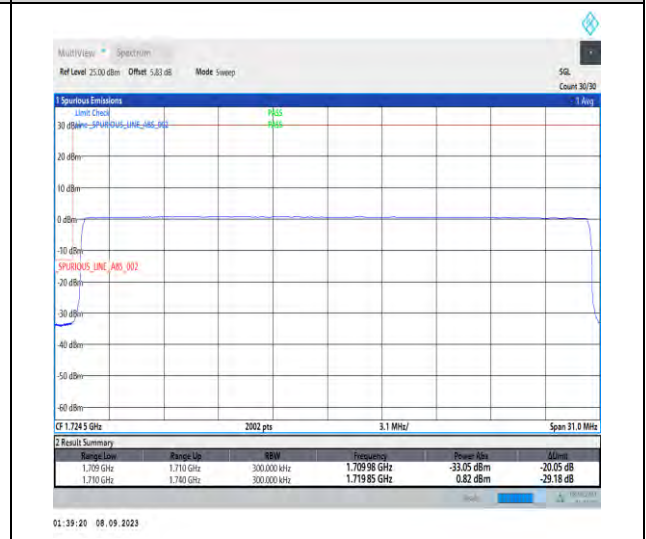
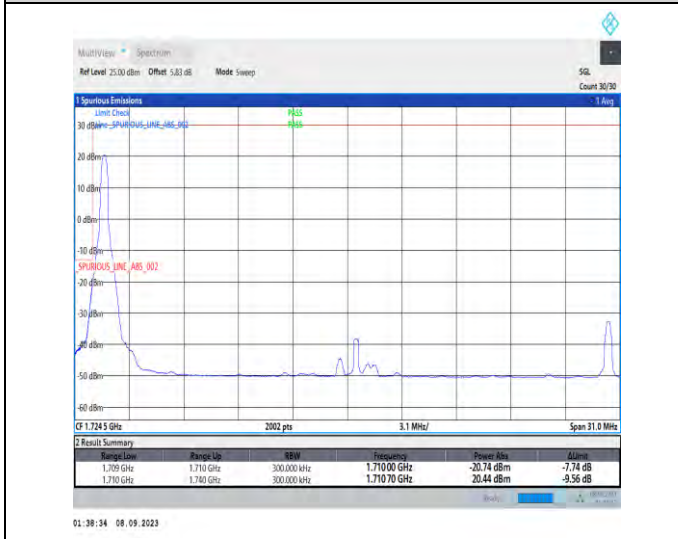
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1-N66-PC3-15-30-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant2-1-seegrph-PASS-see graph

1-N66-PC3-15-30-L-3-DFT-PI2BPSK-Outer_Full-160@0-Ant2-1-seegrph-PASS-see graph



1-N66-PC3-15-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant2-1-seegrph-PASS-see graph

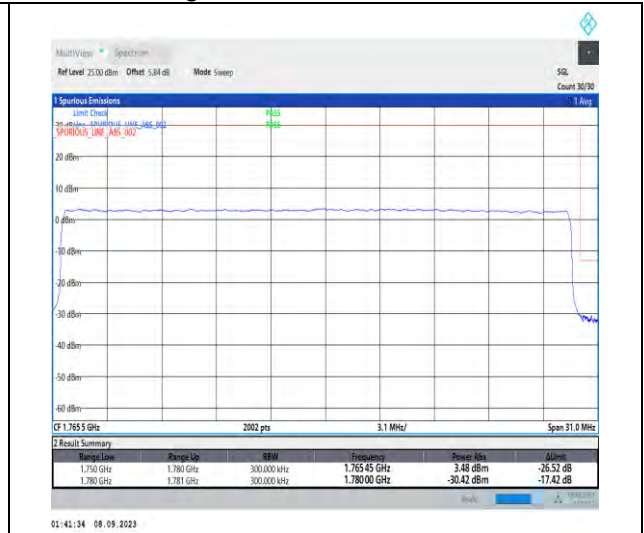
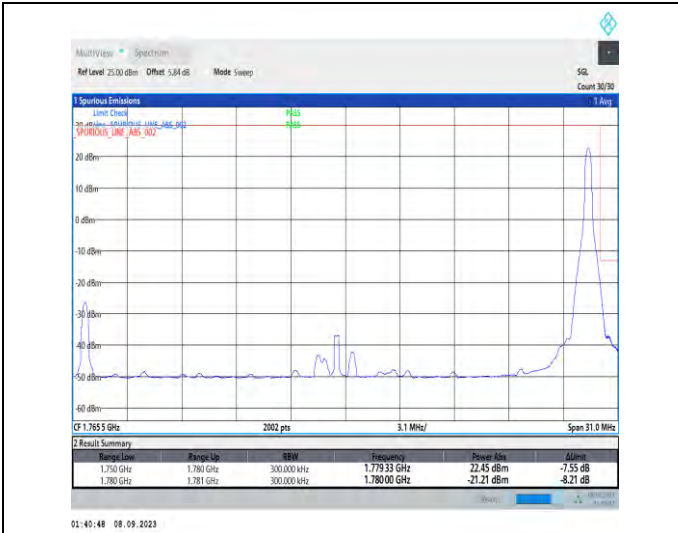
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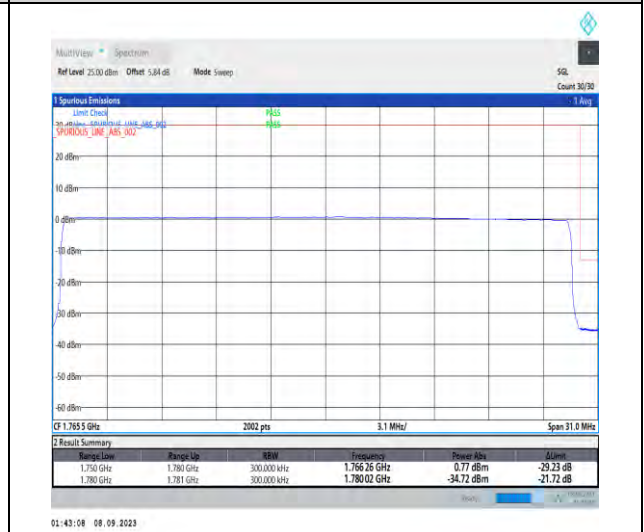
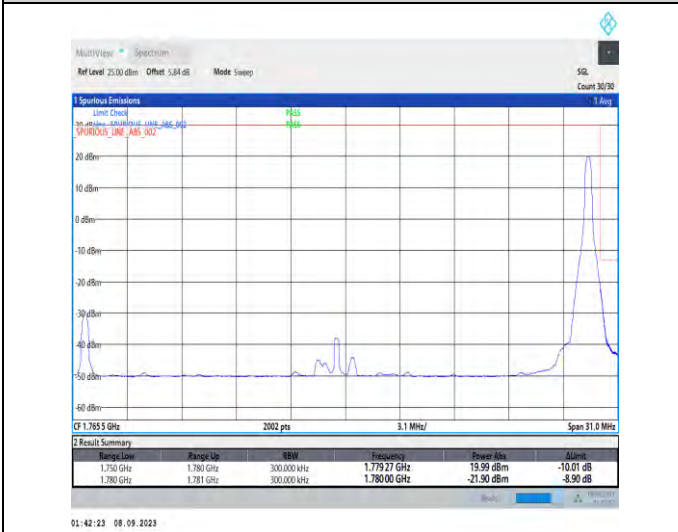
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1-N66-PC3-15-30-H-2-DFT-PI2BPSK-Edge_1RB_Right-t-1@159-Ant2-1-seegraph-PASS-see graph

1-N66-PC3-15-30-H-3-DFT-PI2BPSK-Outer_Full-160@0-Ant2-1-seegraph-PASS-see graph



1-N66-PC3-15-30-H-5-CP-QPSK-Edge_1RB_Right-1@159-Ant2-1-seegraph-PASS-see graph

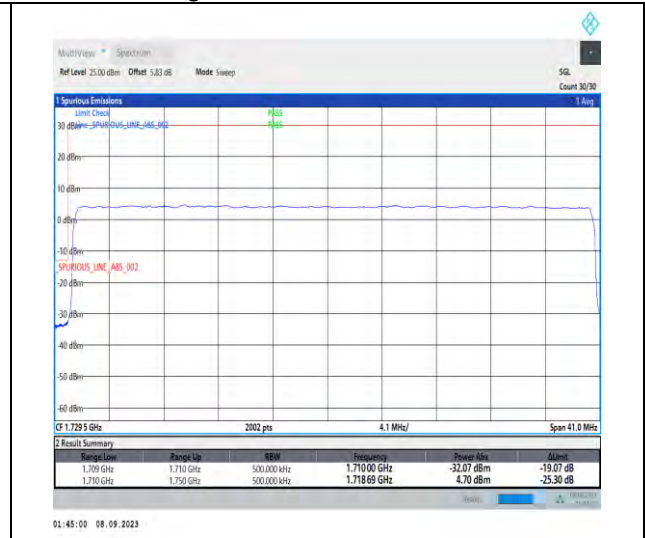
1-N66-PC3-15-30-H-6-CP-QPSK-Outer_Full-160@0-Ant2-1-seegraph-PASS-see graph



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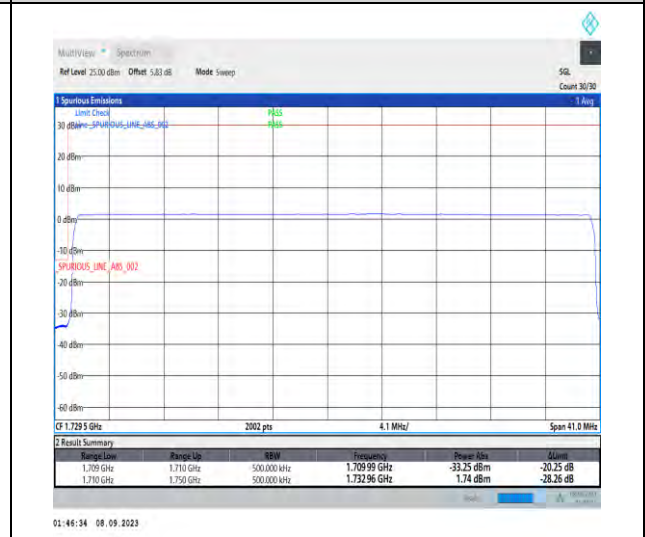
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1-N66-PC3-15-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant2-1-seegraph-PASS-see graph

1-N66-PC3-15-40-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant2-1-seegraph-PASS-see graph



1-N66-PC3-15-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant2-1-seegraph-PASS-see graph

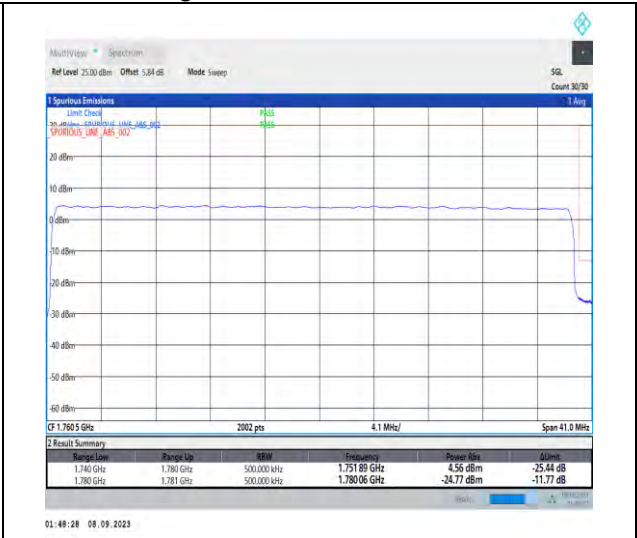
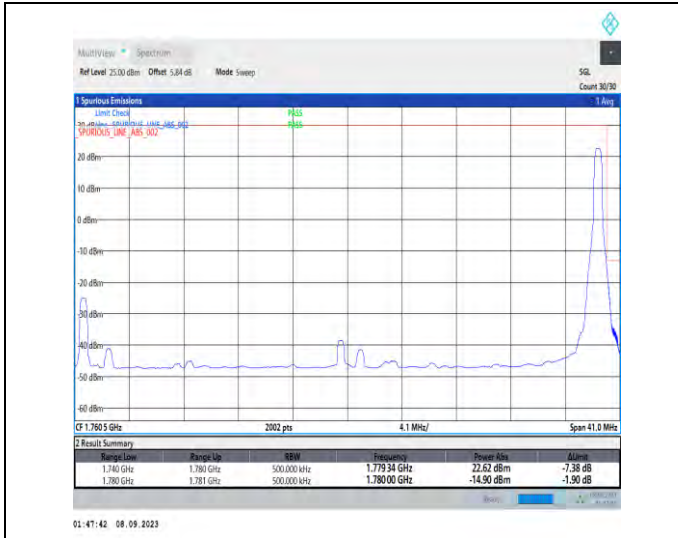
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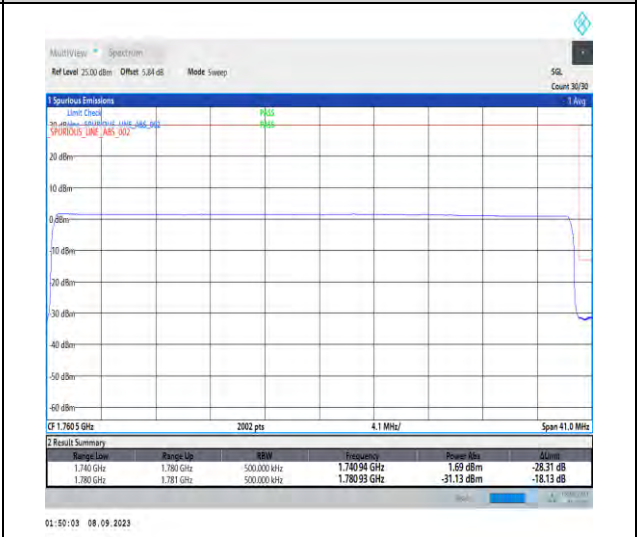
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1-N66-PC3-15-40-H-2-DFT-PI2BPSK-Edge_1RB_Right-t-1@215-Ant2-1-seegraph-PASS-see graph

1-N66-PC3-15-40-H-3-DFT-PI2BPSK-Outer_Full-216@0-Ant2-1-seegraph-PASS-see graph



1-N66-PC3-15-40-H-5-CP-QPSK-Edge_1RB_Right-1@215-Ant2-1-seegraph-PASS-see graph

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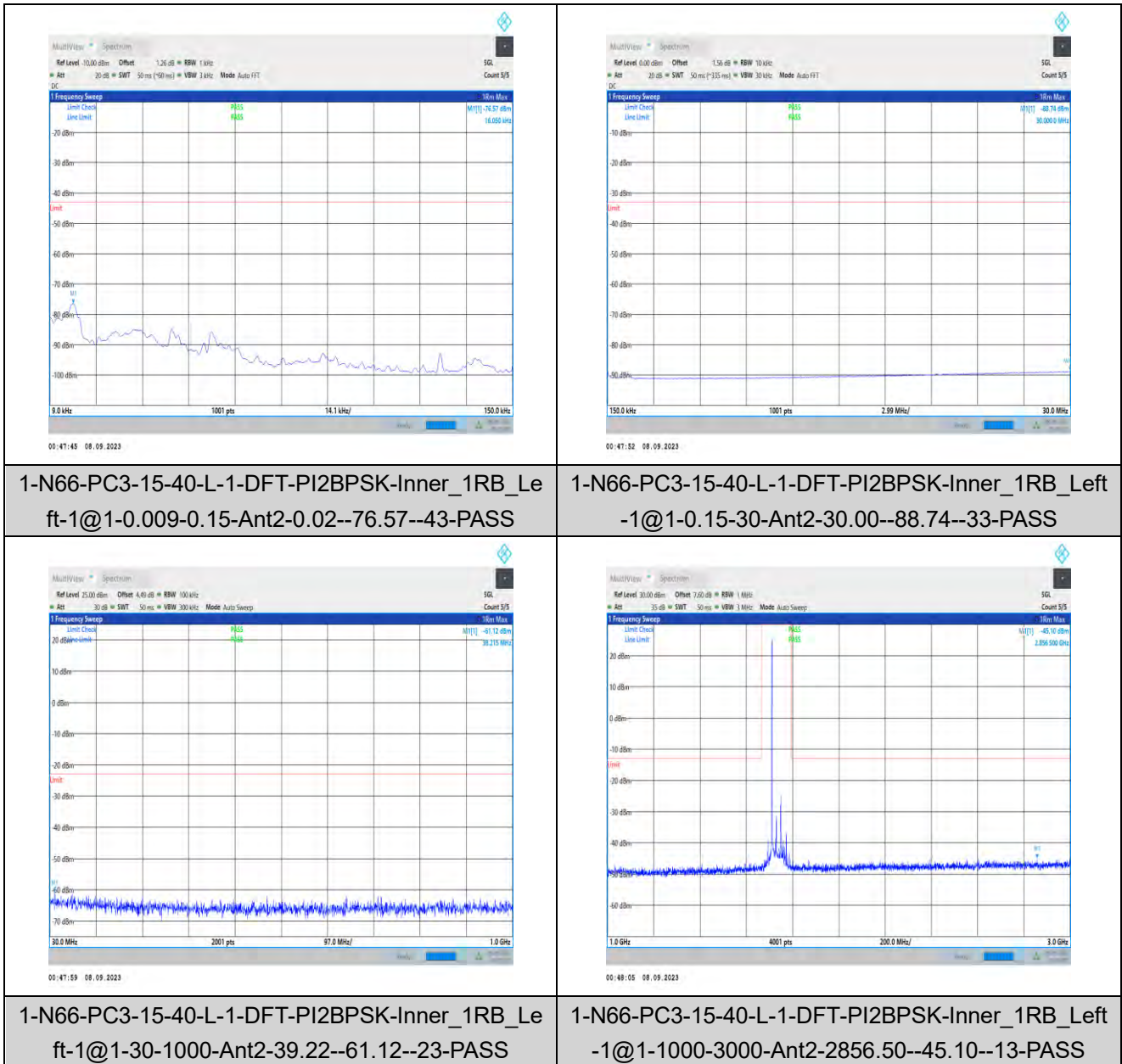
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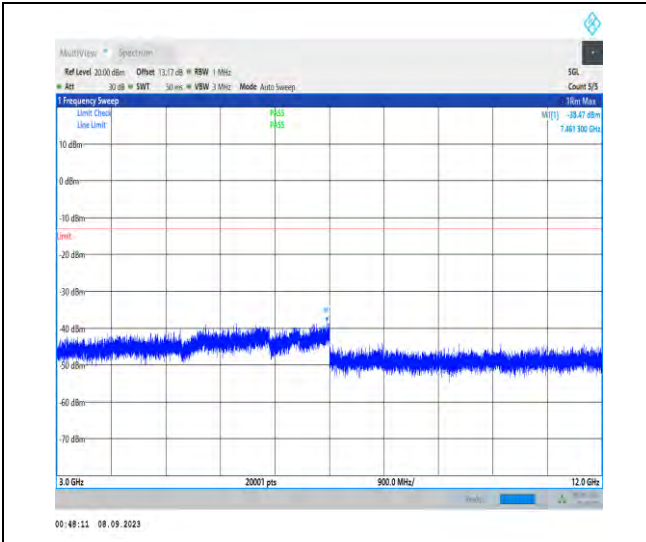
Conducted Spurious Emission for SA

Test Graphs

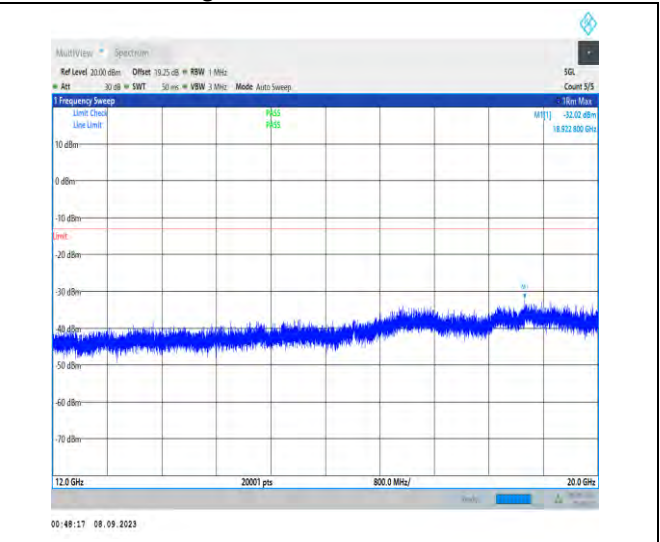


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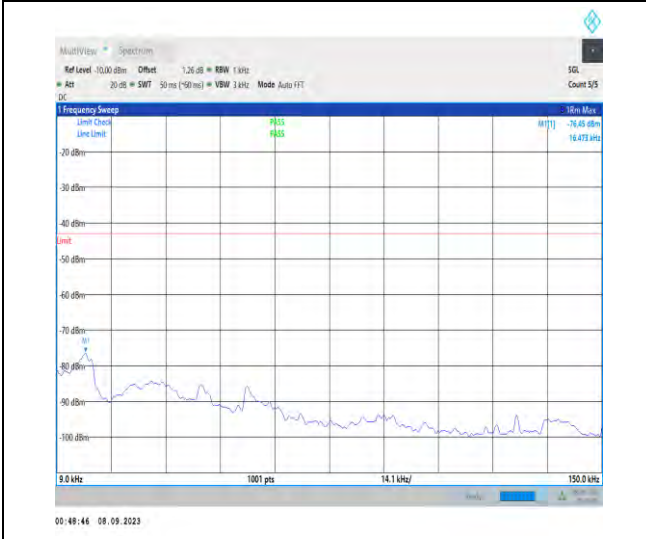
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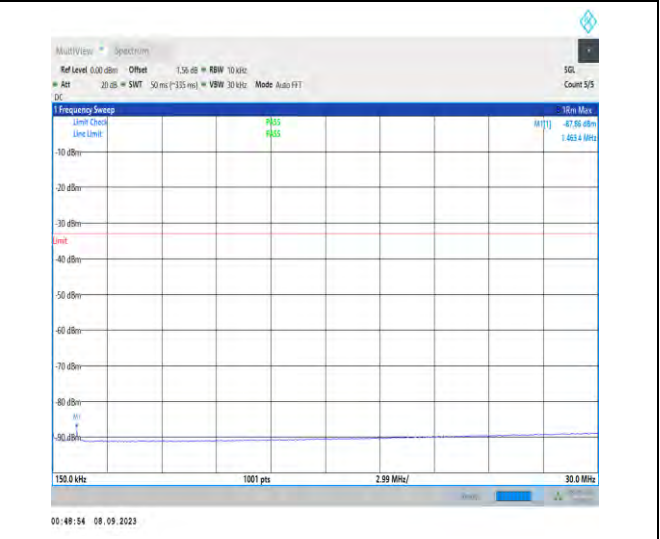
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1-N66-PC3-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant2-18922.80--32.02--13-PASS



1-N66-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant2-0.02--76.45--43-PASS



1-N66-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant2-1.46--87.86--33-PASS

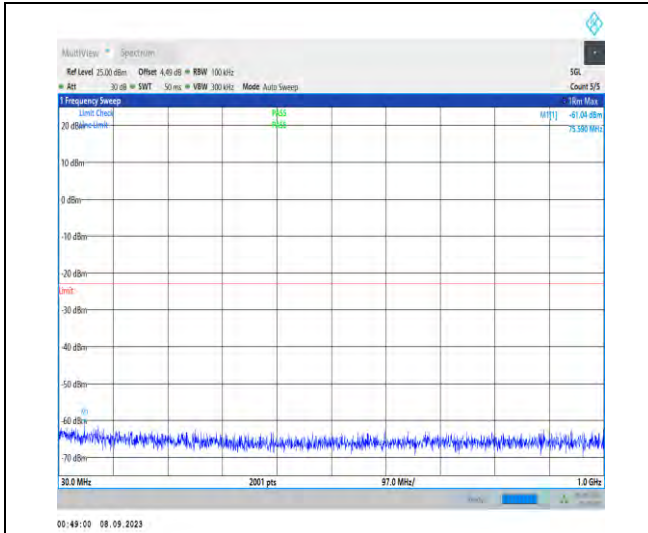


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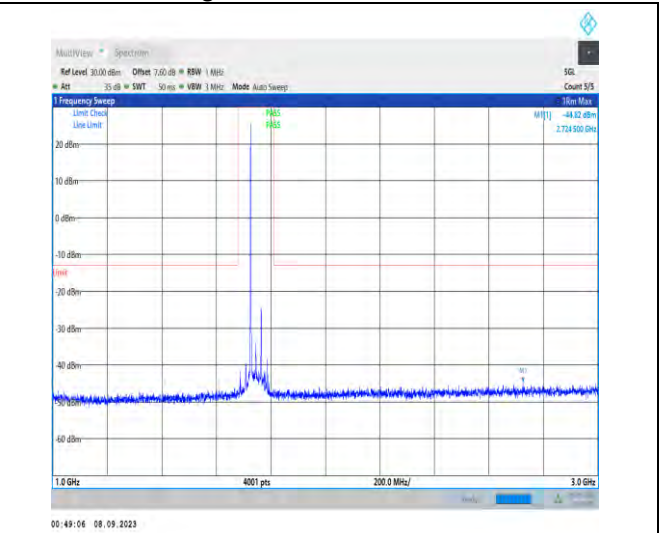
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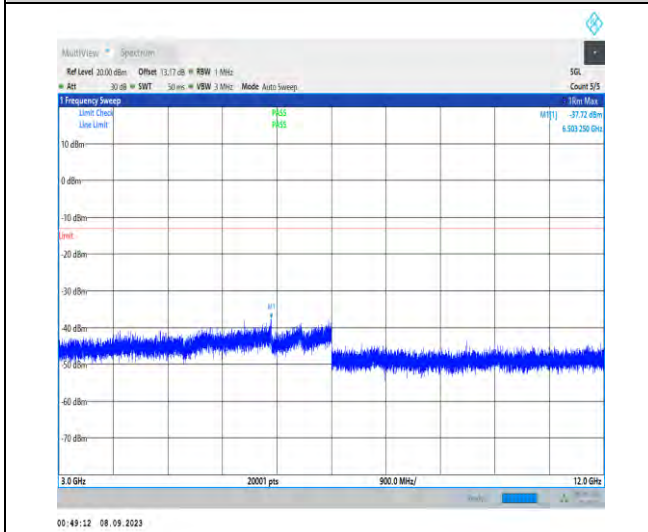
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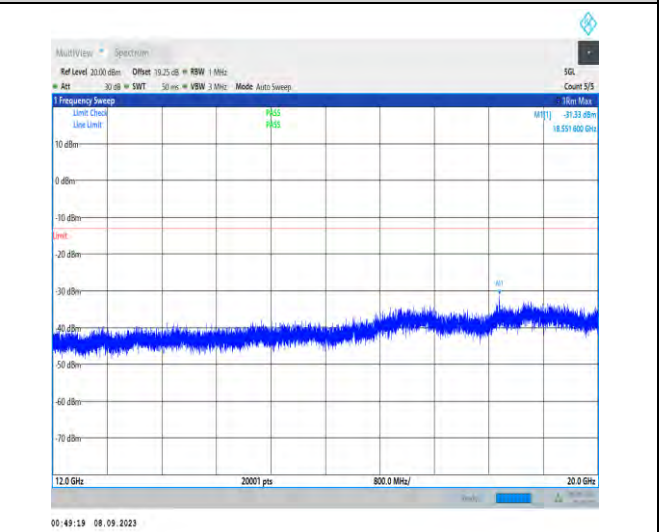
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1-N66-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_L ef t-1@1-1000-3000-Ant2-2724.50--44.82--13-PASS



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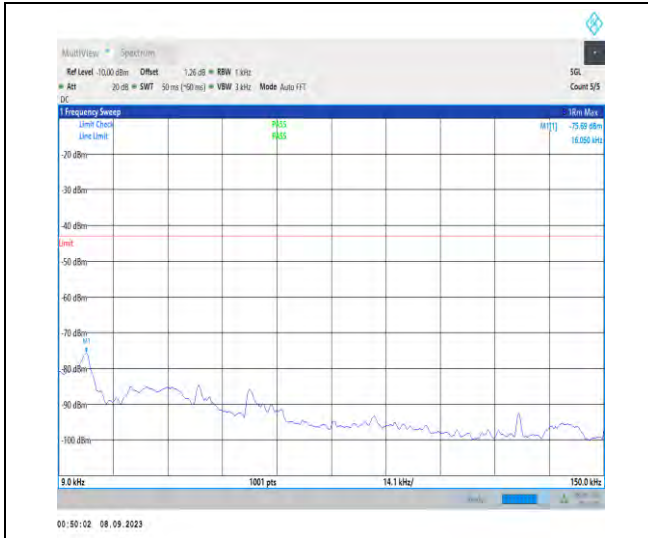


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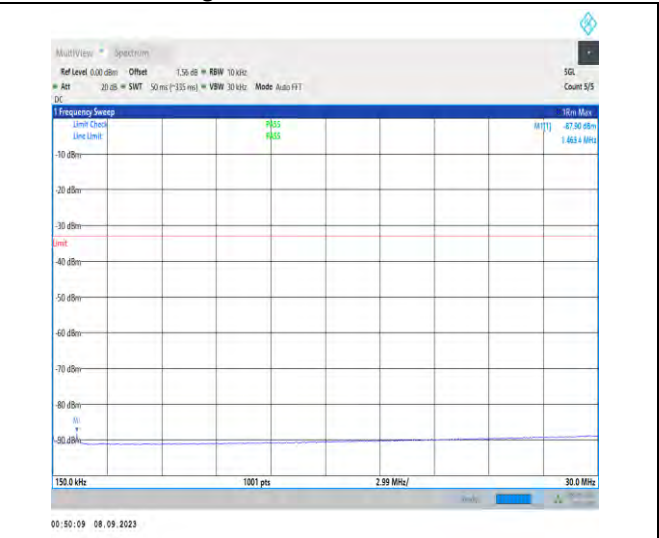


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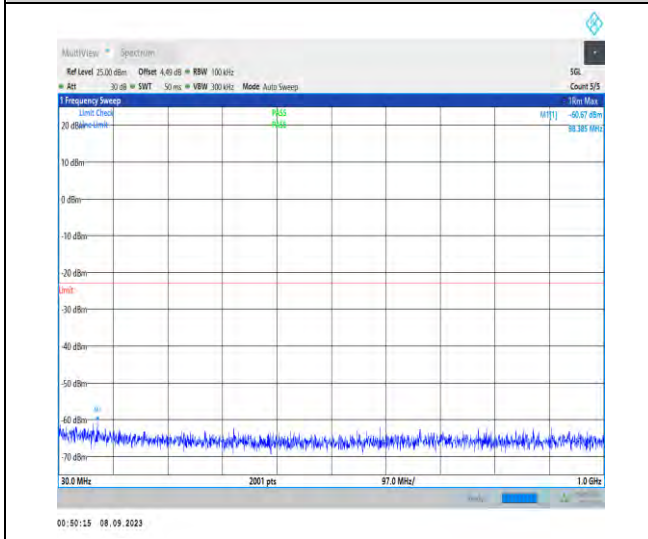
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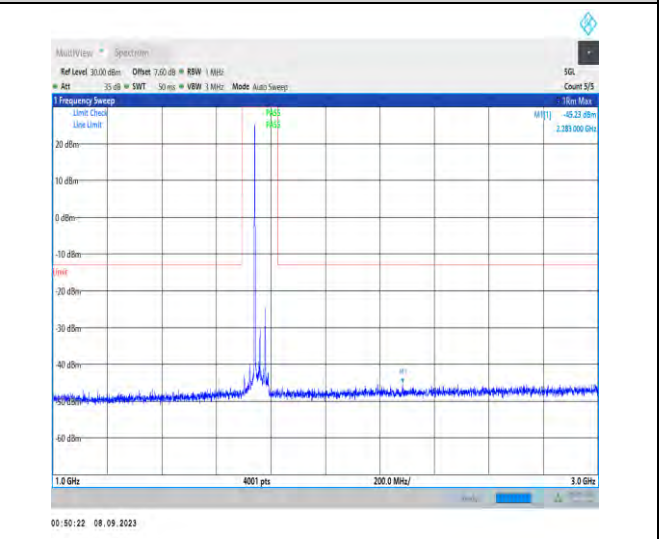
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1-N66-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_L ef t-1@1-0.15-30-Ant2-1.46--87.90--33-PASS



1-N66-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_L eft-1@1-30-1000-Ant2-98.39--60.67--23-PASS



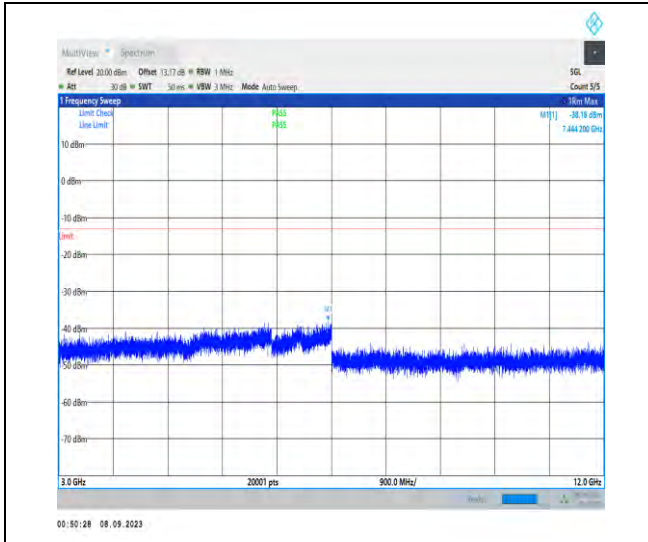
1-N66-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_L ef t-1@1-1000-3000-Ant2-2283.00--45.23--13-PASS



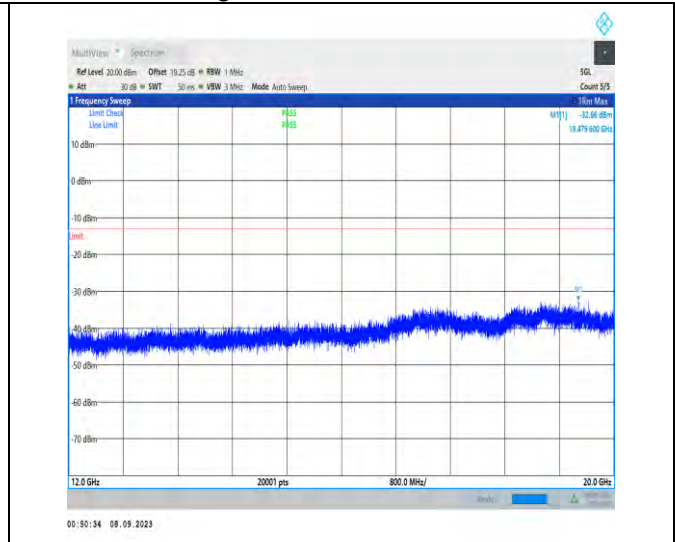
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1-N66-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_L
eft-1@1-3000-12000-Ant2-7444.20--38.18--13-PAS
S



1-N66-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Lef
t-1@1-12000-20000-Ant2-19479.60--32.66--13-PASS



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Field Strength of Spurious Radiation

Test Band = SA Band 66_40MHz_TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.18	43.98	-48.38	28.67	-70.99	-13.00	57.99	Horizontal
2	5133.27	43.64	-47.84	31.82	-67.64	-13.00	54.64	Horizontal
3	6844.36	43.38	-46.82	35.26	-63.44	-13.00	50.44	Horizontal
4	8555.45	40.94	-44.11	36.98	-61.45	-13.00	48.45	Horizontal
5	10266.54	38.41	-41.48	38.74	-59.59	-13.00	46.59	Horizontal
6	11977.63	37.25	-39.54	39.20	-58.35	-13.00	45.35	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.18	44.41	-48.38	28.67	-70.56	-13.00	57.56	Vertical
2	5133.27	43.34	-47.84	31.82	-67.94	-13.00	54.94	Vertical
3	6844.36	43.01	-46.82	35.26	-63.81	-13.00	50.81	Vertical
4	8555.45	41.12	-44.11	36.98	-61.27	-13.00	48.27	Vertical
5	10266.54	38.19	-41.48	38.74	-59.81	-13.00	46.81	Vertical
6	11977.63	36.97	-39.54	39.20	-58.63	-13.00	45.63	Vertical



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Test Band = SA Band 66_40MHz_TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.18	44.91	-48.32	28.69	-69.98	-13.00	56.98	Horizontal
2	5208.27	44.01	-47.88	32.00	-67.13	-13.00	54.13	Horizontal
3	6944.36	43.31	-46.67	35.48	-63.14	-13.00	50.14	Horizontal
4	8680.45	41.30	-44.09	37.15	-60.90	-13.00	47.90	Horizontal
5	10416.54	38.87	-41.14	38.88	-58.66	-13.00	45.66	Horizontal
6	12152.63	37.44	-39.73	39.11	-58.44	-13.00	45.44	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.18	45.01	-48.32	28.69	-69.88	-13.00	56.88	Vertical
2	5208.27	43.66	-47.88	32.00	-67.48	-13.00	54.48	Vertical
3	6944.36	42.81	-46.67	35.48	-63.64	-13.00	50.64	Vertical
4	8680.45	41.16	-44.09	37.15	-61.04	-13.00	48.04	Vertical
5	10416.54	37.97	-41.14	38.88	-59.56	-13.00	46.56	Vertical
6	12152.63	37.66	-39.73	39.11	-58.22	-13.00	45.22	Vertical



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Test Band = SA Band 66_40MHz_TM1

Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522.18	44.54	-48.29	28.73	-70.28	-13.00	57.28	Horizontal
2	5283.27	43.82	-47.80	32.18	-67.06	-13.00	54.06	Horizontal
3	7044.36	42.77	-46.26	35.71	-63.04	-13.00	50.04	Horizontal
4	8805.45	40.87	-43.99	37.33	-61.05	-13.00	48.05	Horizontal
5	10566.54	39.15	-41.05	39.01	-58.15	-13.00	45.15	Horizontal
6	12327.63	36.92	-39.68	39.00	-59.02	-13.00	46.02	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522.18	44.17	-48.29	28.73	-70.65	-13.00	57.65	Vertical
2	5283.27	43.71	-47.80	32.18	-67.17	-13.00	54.17	Vertical
3	7044.36	43.23	-46.26	35.71	-62.58	-13.00	49.58	Vertical
4	8805.45	41.27	-43.99	37.33	-60.65	-13.00	47.65	Vertical
5	10566.54	38.28	-41.05	39.01	-59.02	-13.00	46.02	Vertical
6	12327.63	37.40	-39.68	39.00	-58.54	-13.00	45.54	Vertical



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Test Band = NSA DC_2A_n66A_TM1
 Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.18	44.16	-48.50	28.98	-70.62	-13.00	57.62	Horizontal
2	5553.27	43.28	-47.66	32.71	-66.93	-13.00	53.93	Horizontal
3	7404.36	43.21	-46.17	36.57	-61.65	-13.00	48.65	Horizontal
4	9255.45	40.29	-43.17	37.83	-60.31	-13.00	47.31	Horizontal
5	11106.54	37.46	-40.36	39.38	-58.78	-13.00	45.78	Horizontal
6	12957.63	36.35	-39.41	38.63	-59.69	-13.00	46.69	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3702.18	44.39	-48.50	28.98	-70.39	-13.00	57.39	Vertical
2	5553.27	43.04	-47.66	32.71	-67.17	-13.00	54.17	Vertical
3	7404.36	42.85	-46.17	36.57	-62.01	-13.00	49.01	Vertical
4	9255.45	40.39	-43.17	37.83	-60.21	-13.00	47.21	Vertical
5	11106.54	37.45	-40.36	39.38	-58.79	-13.00	45.79	Vertical
6	12957.63	36.28	-39.41	38.63	-59.76	-13.00	46.76	Vertical



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Test Band = NSA DC_2A_n66A_TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.18	44.57	-48.37	29.04	-70.02	-13.00	57.02	Horizontal
2	5613.27	43.37	-47.67	32.72	-66.84	-13.00	53.84	Horizontal
3	7484.36	41.72	-46.17	36.76	-62.95	-13.00	49.95	Horizontal
4	9355.45	40.02	-42.97	37.92	-60.29	-13.00	47.29	Horizontal
5	11226.54	37.25	-40.37	39.35	-59.03	-13.00	46.03	Horizontal
6	13097.63	36.79	-38.42	38.83	-58.06	-13.00	45.06	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3742.18	44.53	-48.37	29.04	-70.06	-13.00	57.06	Vertical
2	5613.27	43.19	-47.67	32.72	-67.02	-13.00	54.02	Vertical
3	7484.36	41.15	-46.17	36.76	-63.52	-13.00	50.52	Vertical
4	9355.45	40.05	-42.97	37.92	-60.26	-13.00	47.26	Vertical
5	11226.54	37.20	-40.37	39.35	-59.08	-13.00	46.08	Vertical
6	13097.63	36.21	-38.42	38.83	-58.64	-13.00	45.64	Vertical



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Test Band = NSA DC_2A_n66A_TM1

Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.18	44.67	-48.24	29.10	-69.73	-13.00	56.73	Horizontal
2	5673.27	43.10	-47.55	32.73	-66.97	-13.00	53.97	Horizontal
3	7564.36	40.90	-45.14	36.72	-62.78	-13.00	49.78	Horizontal
4	9455.45	39.24	-42.67	38.01	-60.68	-13.00	47.68	Horizontal
5	11346.54	36.75	-40.28	39.33	-59.46	-13.00	46.46	Horizontal
6	13237.63	36.29	-38.85	39.15	-58.67	-13.00	45.67	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3782.18	43.88	-48.24	29.10	-70.52	-13.00	57.52	Vertical
2	5673.27	43.52	-47.55	32.73	-66.55	-13.00	53.55	Vertical
3	7564.36	41.08	-45.14	36.72	-62.60	-13.00	49.60	Vertical
4	9455.45	38.99	-42.67	38.01	-60.93	-13.00	47.93	Vertical
5	11346.54	37.01	-40.28	39.33	-59.20	-13.00	46.20	Vertical
6	13237.63	36.92	-38.85	39.15	-58.04	-13.00	45.04	Vertical



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Test Band = NSA DC_12A_n66A_TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.18	44.36	-48.38	28.67	-70.61	-13.00	57.61	Horizontal
2	5133.27	43.07	-47.84	31.82	-68.21	-13.00	55.21	Horizontal
3	6844.36	43.96	-46.82	35.26	-62.86	-13.00	49.86	Horizontal
4	8555.45	41.27	-44.11	36.98	-61.12	-13.00	48.12	Horizontal
5	10266.54	37.76	-41.48	38.74	-60.24	-13.00	47.24	Horizontal
6	11977.63	36.71	-39.54	39.20	-58.89	-13.00	45.89	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.18	44.04	-48.38	28.67	-70.93	-13.00	57.93	Vertical
2	5133.27	43.37	-47.84	31.82	-67.91	-13.00	54.91	Vertical
3	6844.36	42.98	-46.82	35.26	-63.84	-13.00	50.84	Vertical
4	8555.45	40.32	-44.11	36.98	-62.07	-13.00	49.07	Vertical
5	10266.54	38.30	-41.48	38.74	-59.70	-13.00	46.70	Vertical
6	11977.63	36.74	-39.54	39.20	-58.86	-13.00	45.86	Vertical



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Test Band = NSA DC_12A_n66A_TM1
 Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.18	44.55	-48.32	28.69	-70.34	-13.00	57.34	Horizontal
2	5208.27	43.40	-47.88	32.00	-67.74	-13.00	54.74	Horizontal
3	6944.36	42.52	-46.67	35.48	-63.93	-13.00	50.93	Horizontal
4	8680.45	40.26	-44.09	37.15	-61.94	-13.00	48.94	Horizontal
5	10416.54	38.07	-41.14	38.88	-59.46	-13.00	46.46	Horizontal
6	12152.63	37.04	-39.73	39.11	-58.84	-13.00	45.84	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.18	44.90	-48.32	28.69	-69.99	-13.00	56.99	Vertical
2	5208.27	43.78	-47.88	32.00	-67.36	-13.00	54.36	Vertical
3	6944.36	42.43	-46.67	35.48	-64.02	-13.00	51.02	Vertical
4	8680.45	39.98	-44.09	37.15	-62.22	-13.00	49.22	Vertical
5	10416.54	38.23	-41.14	38.88	-59.30	-13.00	46.30	Vertical
6	12152.63	36.90	-39.73	39.11	-58.98	-13.00	45.98	Vertical



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Test Band = NSA DC_12A_n66A_TM1

Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522.18	45.11	-48.29	28.73	-69.71	-13.00	56.71	Horizontal
2	5283.27	44.09	-47.80	32.18	-66.79	-13.00	53.79	Horizontal
3	7044.36	42.77	-46.26	35.71	-63.04	-13.00	50.04	Horizontal
4	8805.45	40.84	-43.99	37.33	-61.08	-13.00	48.08	Horizontal
5	10566.54	38.34	-41.05	39.01	-58.96	-13.00	45.96	Horizontal
6	12327.63	37.74	-39.68	39.00	-58.20	-13.00	45.20	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522.18	44.34	-48.29	28.73	-70.48	-13.00	57.48	Vertical
2	5283.27	43.30	-47.80	32.18	-67.58	-13.00	54.58	Vertical
3	7044.36	42.72	-46.26	35.71	-63.09	-13.00	50.09	Vertical
4	8805.45	40.11	-43.99	37.33	-61.81	-13.00	48.81	Vertical
5	10566.54	38.60	-41.05	39.01	-58.70	-13.00	45.70	Vertical
6	12327.63	37.08	-39.68	39.00	-58.86	-13.00	45.86	Vertical



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Test Band = NSA DC_14A_n66A_TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3424.18	38.65	-43.25	29.58	-70.28	-13.00	57.28	Horizontal
2	5136.27	36.64	-41.11	33.17	-66.55	-13.00	53.55	Horizontal
3	6848.36	35.09	-38.40	35.94	-62.63	-13.00	49.63	Horizontal
4	8560.45	32.78	-35.33	37.38	-60.43	-13.00	47.43	Horizontal
5	10272.54	30.74	-32.17	38.04	-58.65	-13.00	45.65	Horizontal
6	11984.63	29.14	-29.64	38.40	-57.36	-13.00	44.36	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3424.18	39.57	-43.25	29.58	-69.36	-13.00	56.36	Vertical
2	5136.27	36.74	-41.11	33.17	-66.45	-13.00	53.45	Vertical
3	6848.36	36.16	-38.40	35.94	-61.56	-13.00	48.56	Vertical
4	8560.45	32.89	-35.33	37.38	-60.32	-13.00	47.32	Vertical
5	10272.54	31.07	-32.17	38.04	-58.32	-13.00	45.32	Vertical
6	11984.63	29.37	-29.64	38.40	-57.13	-13.00	44.13	Vertical



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 t (86-512) 62992980 sgs.china@sgs.com

Test Band = NSA DC_14A_n66A_TM1
 Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3454.18	38.25	-43.18	29.59	-70.60	-13.00	57.60	Horizontal
2	5181.27	36.58	-40.90	33.16	-66.41	-13.00	53.41	Horizontal
3	6908.36	35.09	-38.33	35.96	-62.54	-13.00	49.54	Horizontal
4	8635.45	32.84	-35.26	37.42	-60.26	-13.00	47.26	Horizontal
5	10362.54	29.30	-31.74	38.08	-59.62	-13.00	46.62	Horizontal
6	12089.63	29.26	-29.29	38.51	-56.78	-13.00	43.78	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3454.18	38.25	-43.18	29.59	-70.60	-13.00	57.60	Vertical
2	5181.27	37.48	-40.90	33.16	-65.51	-13.00	52.51	Vertical
3	6908.36	35.30	-38.33	35.96	-62.33	-13.00	49.33	Vertical
4	8635.45	32.67	-35.26	37.42	-60.43	-13.00	47.43	Vertical
5	10362.54	30.78	-31.74	38.08	-58.14	-13.00	45.14	Vertical
6	12089.63	29.96	-29.29	38.51	-56.08	-13.00	43.08	Vertical



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Test Band = NSA DC_14A_n66A_TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3484.18	38.03	-43.12	29.60	-70.75	-13.00	57.75	Horizontal
2	5226.27	36.06	-40.84	33.15	-66.88	-13.00	53.88	Horizontal
3	6968.36	35.33	-38.36	35.99	-62.31	-13.00	49.31	Horizontal
4	8710.45	32.14	-35.37	37.46	-61.04	-13.00	48.04	Horizontal
5	10452.54	29.51	-31.30	38.13	-58.93	-13.00	45.93	Horizontal
6	12194.63	29.09	-29.71	38.63	-57.24	-13.00	44.24	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3484.18	38.08	-43.12	29.60	-70.70	-13.00	57.70	Vertical
2	5226.27	36.30	-40.84	33.15	-66.64	-13.00	53.64	Vertical
3	6968.36	35.50	-38.36	35.99	-62.14	-13.00	49.14	Vertical
4	8710.45	32.76	-35.37	37.46	-60.42	-13.00	47.42	Vertical
5	10452.54	29.76	-31.30	38.13	-58.68	-13.00	45.68	Vertical
6	12194.63	28.87	-29.71	38.63	-57.46	-13.00	44.46	Vertical



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Test Band = NSA DC_30A_n66A_TM1
 Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4610.68	44.17	-48.00	30.57	-68.52	-40.00	28.52	Horizontal
2	6916.02	42.78	-46.71	35.42	-63.77	-40.00	23.77	Horizontal
3	9221.36	39.89	-43.40	37.80	-60.97	-40.00	20.97	Horizontal
4	11526.7	37.88	-39.98	39.29	-58.07	-40.00	18.07	Horizontal
5	13832.04	35.81	-38.92	40.51	-57.85	-40.00	17.85	Horizontal
6	16137.38	36.29	-37.97	38.30	-58.64	-40.00	18.64	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4610.68	44.22	-48.00	30.57	-68.47	-40.00	28.47	Vertical
2	6916.02	43.09	-46.71	35.42	-63.46	-40.00	23.46	Vertical
3	9221.36	39.45	-43.40	37.80	-61.41	-40.00	21.41	Vertical
4	11526.7	38.04	-39.98	39.29	-57.91	-40.00	17.91	Vertical
5	13832.04	37.11	-38.92	40.51	-56.55	-40.00	16.55	Vertical
6	16137.38	35.83	-37.97	38.30	-59.10	-40.00	19.10	Vertical



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Test Band = NSA DC_30A_n66A_TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4615.68	44.70	-47.99	30.58	-67.98	-40.00	27.98	Horizontal
2	6923.52	43.05	-46.70	35.43	-63.48	-40.00	23.48	Horizontal
3	9231.36	39.55	-43.33	37.81	-61.23	-40.00	21.23	Horizontal
4	11539.2	38.39	-39.95	39.29	-57.52	-40.00	17.52	Horizontal
5	13847.04	37.58	-38.88	40.55	-56.01	-40.00	16.01	Horizontal
6	16154.88	36.75	-37.91	38.31	-58.11	-40.00	18.11	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4615.68	45.13	-47.99	30.58	-67.55	-40.00	27.55	Vertical
2	6923.52	42.82	-46.70	35.43	-63.71	-40.00	23.71	Vertical
3	9231.36	40.44	-43.33	37.81	-60.34	-40.00	20.34	Vertical
4	11539.2	37.53	-39.95	39.29	-58.38	-40.00	18.38	Vertical
5	13847.04	36.82	-38.88	40.55	-56.77	-40.00	16.77	Vertical
6	16154.88	36.43	-37.91	38.31	-58.43	-40.00	18.43	Vertical



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Test Band = NSA DC_30A_n66A_TM1

Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4620.68	44.92	-47.99	30.59	-67.74	-40.00	27.74	Horizontal
2	6931.02	42.84	-46.69	35.45	-63.66	-40.00	23.66	Horizontal
3	9241.32	39.84	-43.27	37.82	-60.87	-40.00	20.87	Horizontal
4	11551.7	37.49	-39.91	39.29	-58.39	-40.00	18.39	Horizontal
5	13862.04	36.92	-38.84	40.58	-56.59	-40.00	16.59	Horizontal
6	16172.38	36.49	-37.85	38.32	-58.30	-40.00	18.30	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4620.68	44.72	-47.99	30.59	-67.94	-40.00	27.94	Vertical
2	6931.02	43.20	-46.69	35.45	-63.30	-40.00	23.30	Vertical
3	9241.32	40.66	-43.27	37.82	-60.05	-40.00	20.05	Vertical
4	11551.7	38.12	-39.91	39.29	-57.76	-40.00	17.76	Vertical
5	13862.04	37.17	-38.84	40.58	-56.34	-40.00	16.34	Vertical
6	16172.38	36.82	-37.85	38.32	-57.97	-40.00	17.97	Vertical



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Test Band = NSA DC_66A_n66A_TM1
 Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.18	38.92	-43.26	29.58	-70.01	-13.00	57.01	Horizontal
2	5133.27	36.88	-41.12	33.17	-66.33	-13.00	53.33	Horizontal
3	6844.36	35.33	-38.40	35.94	-62.39	-13.00	49.39	Horizontal
4	8555.45	32.45	-35.34	37.38	-60.78	-13.00	47.78	Horizontal
5	10266.54	30.83	-32.16	38.03	-58.56	-13.00	45.56	Horizontal
6	11977.63	28.24	-29.65	38.40	-58.27	-13.00	45.27	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.18	39.41	-43.26	29.58	-69.52	-13.00	56.52	Vertical
2	5133.27	36.53	-41.12	33.17	-66.68	-13.00	53.68	Vertical
3	6844.36	35.19	-38.40	35.94	-62.53	-13.00	49.53	Vertical
4	8555.45	32.69	-35.34	37.38	-60.54	-13.00	47.54	Vertical
5	10266.54	30.72	-32.16	38.03	-58.67	-13.00	45.67	Vertical
6	11977.63	29.11	-29.65	38.40	-57.40	-13.00	44.40	Vertical



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Test Band = NSA DC_66A_n66A_TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.18	37.99	-43.14	29.59	-70.82	-13.00	57.82	Horizontal
2	5208.27	35.72	-40.82	33.16	-67.20	-13.00	54.20	Horizontal
3	6944.36	34.84	-38.35	35.98	-62.79	-13.00	49.79	Horizontal
4	8680.45	31.94	-35.38	37.44	-61.26	-13.00	48.26	Horizontal
5	10416.54	28.50	-31.40	38.11	-60.05	-13.00	47.05	Horizontal
6	12152.63	29.29	-29.50	38.58	-56.89	-13.00	43.89	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.18	38.68	-43.14	29.59	-70.13	-13.00	57.13	Vertical
2	5208.27	36.88	-40.82	33.16	-66.04	-13.00	53.04	Vertical
3	6944.36	35.58	-38.35	35.98	-62.05	-13.00	49.05	Vertical
4	8680.45	31.98	-35.38	37.44	-61.22	-13.00	48.22	Vertical
5	10416.54	29.01	-31.40	38.11	-59.54	-13.00	46.54	Vertical
6	12152.63	29.89	-29.50	38.58	-56.29	-13.00	43.29	Vertical



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Test Band = NSA DC_66A_n66A_TM1
 Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522.18	38.50	-43.01	29.68	-70.09	-13.00	57.09	Horizontal
2	5283.27	36.05	-40.89	33.14	-66.96	-13.00	53.96	Horizontal
3	7044.36	35.01	-38.26	36.05	-62.46	-13.00	49.46	Horizontal
4	8805.45	32.31	-34.91	37.50	-60.35	-13.00	47.35	Horizontal
5	10566.54	29.47	-31.28	38.18	-58.88	-13.00	45.88	Horizontal
6	12327.63	28.45	-29.84	38.79	-57.86	-13.00	44.86	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522.18	38.72	-43.01	29.68	-69.87	-13.00	56.87	Vertical
2	5283.27	36.18	-40.89	33.14	-66.83	-13.00	53.83	Vertical
3	7044.36	35.49	-38.26	36.05	-61.98	-13.00	48.98	Vertical
4	8805.45	32.68	-34.91	37.50	-59.98	-13.00	46.98	Vertical
5	10566.54	29.60	-31.28	38.18	-58.75	-13.00	45.75	Vertical
6	12327.63	28.27	-29.84	38.79	-58.04	-13.00	45.04	Vertical



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Test Band = NR CA n26A-n66A_ TM1
 Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.18	43.79	-48.38	28.67	-71.18	-13.00	58.18	Horizontal
2	5133.27	43.97	-47.84	31.82	-67.31	-13.00	54.31	Horizontal
3	6844.36	43.94	-46.82	35.26	-62.88	-13.00	49.88	Horizontal
4	8555.45	40.56	-44.11	36.98	-61.83	-13.00	48.83	Horizontal
5	10266.54	38.80	-41.48	38.74	-59.20	-13.00	46.20	Horizontal
6	11977.63	37.13	-39.54	39.20	-58.47	-13.00	45.47	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.18	44.42	-48.38	28.67	-70.55	-13.00	57.55	Vertical
2	5133.27	43.72	-47.84	31.82	-67.56	-13.00	54.56	Vertical
3	6844.36	43.39	-46.82	35.26	-63.43	-13.00	50.43	Vertical
4	8555.45	40.70	-44.11	36.98	-61.69	-13.00	48.69	Vertical
5	10266.54	38.31	-41.48	38.74	-59.69	-13.00	46.69	Vertical
6	11977.63	37.21	-39.54	39.20	-58.39	-13.00	45.39	Vertical



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Test Band = NR CA n26A-n66A_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.18	44.34	-48.32	28.69	-70.55	-13.00	57.55	Horizontal
2	5208.27	43.62	-47.88	32.00	-67.52	-13.00	54.52	Horizontal
3	6944.36	43.36	-46.67	35.48	-63.09	-13.00	50.09	Horizontal
4	8680.45	40.73	-44.09	37.15	-61.47	-13.00	48.47	Horizontal
5	10416.54	38.54	-41.14	38.88	-58.99	-13.00	45.99	Horizontal
6	12152.63	37.36	-39.73	39.11	-58.52	-13.00	45.52	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.18	44.05	-48.32	28.69	-70.84	-13.00	57.84	Vertical
2	5208.27	43.27	-47.88	32.00	-67.87	-13.00	54.87	Vertical
3	6944.36	42.94	-46.67	35.48	-63.51	-13.00	50.51	Vertical
4	8680.45	40.44	-44.09	37.15	-61.76	-13.00	48.76	Vertical
5	10416.54	38.44	-41.14	38.88	-59.09	-13.00	46.09	Vertical
6	12152.63	37.53	-39.73	39.11	-58.35	-13.00	45.35	Vertical



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Test Band = NR CA n26A-n66A_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522.18	45.27	-48.29	28.73	-69.55	-13.00	56.55	Horizontal
2	5283.27	43.74	-47.80	32.18	-67.14	-13.00	54.14	Horizontal
3	7044.36	43.31	-46.26	35.71	-62.50	-13.00	49.50	Horizontal
4	8805.45	41.03	-43.99	37.33	-60.89	-13.00	47.89	Horizontal
5	10566.54	38.28	-41.05	39.01	-59.02	-13.00	46.02	Horizontal
6	12327.63	37.35	-39.68	39.00	-58.59	-13.00	45.59	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522.18	44.35	-48.29	28.73	-70.47	-13.00	57.47	Vertical
2	5283.27	44.74	-47.80	32.18	-66.14	-13.00	53.14	Vertical
3	7044.36	43.05	-46.26	35.71	-62.76	-13.00	49.76	Vertical
4	8805.45	40.88	-43.99	37.33	-61.04	-13.00	48.04	Vertical
5	10566.54	37.58	-41.05	39.01	-59.72	-13.00	46.72	Vertical
6	12327.63	37.28	-39.68	39.00	-58.66	-13.00	45.66	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N66	15	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	-2.000000	-0.001146	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	-1.600000	-0.000917	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	-1.700000	-0.000974	PASS
N66	15	40	CP-QPSK	M	Outer_Full	VH	NT	1.800000	0.001032	PASS
N66	15	40	CP-QPSK	M	Outer_Full	VN	NT	2.500000	0.001433	PASS
N66	15	40	CP-QPSK	M	Outer_Full	VL	NT	2.400000	0.001375	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	-1.900000	-0.001089	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	1.500000	0.000860	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	0.900000	0.000516	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	0	-0.800000	-0.000458	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	10	2.000000	0.001146	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	20	-0.700000	-0.000401	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	30	0.700000	0.000401	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	40	0.100000	0.000057	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	50	-1.500000	-0.000860	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-30	1.200000	0.000688	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-20	3.100000	0.001777	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-10	2.000000	0.001146	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	0	3.200000	0.001834	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	10	1.100000	0.000630	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	20	2.400000	0.001375	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	30	2.300000	0.001318	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	40	4.000000	0.002292	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	50	1.200000	0.000688	PASS

---End of Attachment---



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