

Appendix B.33

NR Band n66



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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 (dBm)	Verdict
N66	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.93	25.33	33.00	PASS
N66	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	24.01	25.41	33.00	PASS
N66	15	5	DFT-PI2BPSK	L	Outer_Full	23.91	25.31	33.00	PASS
N66	15	5	DFT-QPSK	L	Inner_1RB_Left	23.84	25.24	33.00	PASS
N66	15	5	DFT-QPSK	L	Inner_1RB_Right	23.92	25.32	33.00	PASS
N66	15	5	DFT-QPSK	L	Outer_Full	23.4	24.8	33.00	PASS
N66	15	5	DFT-16QAM	L	Inner_1RB_Left	23.3	24.7	33.00	PASS
N66	15	5	DFT-16QAM	L	Inner_1RB_Right	23.31	24.71	33.00	PASS
N66	15	5	DFT-16QAM	L	Outer_Full	22.41	23.81	33.00	PASS
N66	15	5	DFT-64QAM	L	Inner_1RB_Left	21.98	23.38	33.00	PASS
N66	15	5	DFT-64QAM	L	Inner_1RB_Right	22.05	23.45	33.00	PASS
N66	15	5	DFT-64QAM	L	Outer_Full	21.93	23.33	33.00	PASS
N66	15	5	DFT-256QAM	L	Inner_1RB_Left	19.31	20.71	33.00	PASS
N66	15	5	DFT-256QAM	L	Inner_1RB_Right	19.39	20.79	33.00	PASS
N66	15	5	DFT-256QAM	L	Outer_Full	19.87	21.27	33.00	PASS
N66	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.75	25.15	33.00	PASS
N66	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.85	25.25	33.00	PASS
N66	15	5	DFT-PI2BPSK	M	Outer_Full	23.73	25.13	33.00	PASS
N66	15	5	DFT-QPSK	M	Inner_1RB_Left	23.72	25.12	33.00	PASS
N66	15	5	DFT-QPSK	M	Inner_1RB_Right	23.71	25.11	33.00	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	23.22	24.62	33.00	PASS
N66	15	5	DFT-16QAM	M	Inner_1RB_Left	23.14	24.54	33.00	PASS
N66	15	5	DFT-16QAM	M	Inner_1RB_Right	23.11	24.51	33.00	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	22.3	23.7	33.00	PASS
N66	15	5	DFT-64QAM	M	Inner_1RB_Left	21.77	23.17	33.00	PASS
N66	15	5	DFT-64QAM	M	Inner_1RB_Right	21.79	23.19	33.00	PASS
N66	15	5	DFT-64QAM	M	Outer_Full	21.69	23.09	33.00	PASS
N66	15	5	DFT-256QAM	M	Inner_1RB_Left	19.02	20.42	33.00	PASS
N66	15	5	DFT-256QAM	M	Inner_1RB_Right	19.12	20.52	33.00	PASS
N66	15	5	DFT-256QAM	M	Outer_Full	19.55	20.95	33.00	PASS
N66	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.56	24.96	33.00	PASS



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Table with 10 columns: Item No., Lot No., Sample No., Modulation, Bandwidth, Frequency, Power Spectral Density (dBm/Hz), Power Spectral Density (dBm/100kHz), Power Spectral Density (dBm/1MHz), and Result. Rows include various modulation types like DFT-PI2BPSK, DFT-QPSK, DFT-16QAM, DFT-64QAM, and DFT-256QAM.



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Table with 10 columns: Item ID, Parameter 1, Parameter 2, Modulation, Bandwidth, Test Method, Result 1, Result 2, Result 3, Status. Rows include various DFT and DFT-PI2BPSK tests for N66.



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Table with 10 columns: Item ID, Parameter 1, Parameter 2, Modulation, Mode, Location, Value 1, Value 2, Value 3, Result. Rows include various modulation types like DFT-PI2BPSK, DFT-QPSK, DFT-16QAM, DFT-64QAM, DFT-256QAM across different locations (Inner_1RB_Left, Inner_1RB_Right, Outer_Full).



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Table with 10 columns: Item No., Lot No., Date, Test Method, Modulation, Direction, Value 1, Value 2, Value 3, Result. Contains 40 rows of test data for various modulation types like DFT-16QAM, DFT-64QAM, DFT-256QAM, DFT-PI2BPSK, and DFT-QPSK.



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Table with 10 columns: Item ID, Parameter 1, Parameter 2, Modulation, Bandwidth, Test Method, Result 1, Result 2, Limit, Status. Contains 40 rows of test data for various modulation schemes like DFT-256QAM, DFT-PI2BPSK, DFT-QPSK, and DFT-16QAM.



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Table with 10 columns: Item No., Lot No., Test No., Test Method, Modulation, Port, Measured Value 1, Measured Value 2, Reference Value, Result. Contains 40 rows of test data for various modulation schemes like DFT-16QAM, DFT-64QAM, DFT-256QAM, DFT-PI2BPSK, and DFT-QPSK.



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Table with 10 columns: Item ID, Parameter 1, Parameter 2, Test Method, Modulation, Location, Value 1, Value 2, Value 3, Result. Rows include various DFT modulation tests like DFT-256QAM, DFT-16QAM, DFT-64QAM, DFT-PI2BPSK, and DFT-QPSK.



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N66	15	40	DFT-QPSK	M	Outer_Full	23.41	24.81	33.00	PASS
N66	15	40	DFT-16QAM	M	Inner_1RB_Left	23.2	24.6	33.00	PASS
N66	15	40	DFT-16QAM	M	Inner_1RB_Right	23.39	24.79	33.00	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	22.39	23.79	33.00	PASS
N66	15	40	DFT-64QAM	M	Inner_1RB_Left	21.74	23.14	33.00	PASS
N66	15	40	DFT-64QAM	M	Inner_1RB_Right	21.99	23.39	33.00	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	22.08	23.48	33.00	PASS
N66	15	40	DFT-256QAM	M	Inner_1RB_Left	19.49	20.89	33.00	PASS
N66	15	40	DFT-256QAM	M	Inner_1RB_Right	19.14	20.54	33.00	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	19.83	21.23	33.00	PASS
N66	15	40	DFT-PI2BPSK	H	Inner_1RB_Left	23.98	25.38	33.00	PASS
N66	15	40	DFT-PI2BPSK	H	Inner_1RB_Right	23.88	25.28	33.00	PASS
N66	15	40	DFT-PI2BPSK	H	Outer_Full	24.03	25.43	33.00	PASS
N66	15	40	DFT-QPSK	H	Inner_1RB_Left	23.9	25.3	33.00	PASS
N66	15	40	DFT-QPSK	H	Inner_1RB_Right	24.2	25.6	33.00	PASS
N66	15	40	DFT-QPSK	H	Outer_Full	23.39	24.79	33.00	PASS
N66	15	40	DFT-16QAM	H	Inner_1RB_Left	22.99	24.39	33.00	PASS
N66	15	40	DFT-16QAM	H	Inner_1RB_Right	23.31	24.71	33.00	PASS
N66	15	40	DFT-16QAM	H	Outer_Full	22.33	23.73	33.00	PASS
N66	15	40	DFT-64QAM	H	Inner_1RB_Left	21.77	23.17	33.00	PASS
N66	15	40	DFT-64QAM	H	Inner_1RB_Right	21.86	23.26	33.00	PASS
N66	15	40	DFT-64QAM	H	Outer_Full	21.78	23.18	33.00	PASS
N66	15	40	DFT-256QAM	H	Inner_1RB_Left	19.1	20.5	33.00	PASS
N66	15	40	DFT-256QAM	H	Inner_1RB_Right	19.34	20.74	33.00	PASS
N66	15	40	DFT-256QAM	H	Outer_Full	19.71	21.11	33.00	PASS



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Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

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N66	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.29	23.38	26.35	27.75	33	PASS
N66	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.31	23.66	26.5	27.9	33	PASS
N66	15	5	DFT-PI2BPSK	L	Outer_Full	22.04	21.79	24.93	26.33	33	PASS
N66	15	5	DFT-QPSK	L	Inner_1RB_Left	23.15	23.24	26.21	27.61	33	PASS
N66	15	5	DFT-QPSK	L	Inner_1RB_Right	23.24	23.1	26.18	27.58	33	PASS
N66	15	5	DFT-QPSK	L	Outer_Full	21.8	21.84	24.83	26.23	33	PASS
N66	15	5	DFT-16QAM	L	Inner_1RB_Left	22.38	22.73	25.57	26.97	33	PASS
N66	15	5	DFT-16QAM	L	Inner_1RB_Right	22.24	22.36	25.31	26.71	33	PASS
N66	15	5	DFT-16QAM	L	Outer_Full	21.38	21.61	24.51	25.91	33	PASS
N66	15	5	DFT-64QAM	L	Inner_1RB_Left	20.79	21.22	24.02	25.42	33	PASS
N66	15	5	DFT-64QAM	L	Inner_1RB_Right	21.17	20.99	24.09	25.49	33	PASS
N66	15	5	DFT-64QAM	L	Outer_Full	20.84	21.04	23.95	25.35	33	PASS
N66	15	5	DFT-256QAM	L	Inner_1RB_Left	18.08	18.09	21.1	22.5	33	PASS
N66	15	5	DFT-256QAM	L	Inner_1RB_Right	17.73	18.03	20.89	22.29	33	PASS
N66	15	5	DFT-256QAM	L	Outer_Full	18.49	18.57	21.54	22.94	33	PASS
N66	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.35	23.39	26.38	27.78	33	PASS



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N66	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.18	23.49	26.35	27.75	33	PASS
N66	15	5	DFT-PI2BPSK	M	Outer_Full	21.72	22.06	24.9	26.3	33	PASS
N66	15	5	DFT-QPSK	M	Inner_1RB_Left	23.35	23.32	26.35	27.75	33	PASS
N66	15	5	DFT-QPSK	M	Inner_1RB_Right	23.5	23.74	26.63	28.03	33	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	21.94	21.86	24.91	26.31	33	PASS
N66	15	5	DFT-16QAM	M	Inner_1RB_Left	22.44	22.44	25.45	26.85	33	PASS
N66	15	5	DFT-16QAM	M	Inner_1RB_Right	22.56	22.59	25.59	26.99	33	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	21.42	21.5	24.47	25.87	33	PASS
N66	15	5	DFT-64QAM	M	Inner_1RB_Left	21.02	21.16	24.1	25.5	33	PASS
N66	15	5	DFT-64QAM	M	Inner_1RB_Right	21.13	21.18	24.17	25.57	33	PASS
N66	15	5	DFT-64QAM	M	Outer_Full	20.78	21.02	23.91	25.31	33	PASS
N66	15	5	DFT-256QAM	M	Inner_1RB_Left	17.82	18.05	20.95	22.35	33	PASS
N66	15	5	DFT-256QAM	M	Inner_1RB_Right	18.08	17.9	21	22.4	33	PASS
N66	15	5	DFT-256QAM	M	Outer_Full	18.43	18.4	21.43	22.83	33	PASS
N66	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.22	23.36	26.3	27.7	33	PASS
N66	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.06	23.82	26.47	27.87	33	PASS
N66	15	5	DFT-PI2BPSK	H	Outer_Full	21.76	22.03	24.91	26.31	33	PASS
N66	15	5	DFT-QPSK	H	Inner_1RB_Left	23.11	23.58	26.36	27.76	33	PASS
N66	15	5	DFT-QPSK	H	Inner_1RB_Right	23.51	23.81	26.67	28.07	33	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	21.77	22.23	25.02	26.42	33	PASS
N66	15	5	DFT-16QAM	H	Inner_1RB_Left	21.96	22.67	25.34	26.74	33	PASS



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N66	15	5	DFT-16QAM	H	Inner_1RB_Right	22.47	22.6	25.55	26.95	33	PASS
N66	15	5	DFT-16QAM	H	Outer_Full	21.17	21.33	24.26	25.66	33	PASS
N66	15	5	DFT-64QAM	H	Inner_1RB_Left	21.04	20.91	23.99	25.39	33	PASS
N66	15	5	DFT-64QAM	H	Inner_1RB_Right	20.92	21.41	24.18	25.58	33	PASS
N66	15	5	DFT-64QAM	H	Outer_Full	20.77	21.2	24	25.4	33	PASS
N66	15	5	DFT-256QAM	H	Inner_1RB_Left	17.6	18.14	20.89	22.29	33	PASS
N66	15	5	DFT-256QAM	H	Inner_1RB_Right	17.69	18.08	20.9	22.3	33	PASS
N66	15	5	DFT-256QAM	H	Outer_Full	18.05	18.43	21.25	22.65	33	PASS
N66	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.47	23.58	26.54	27.94	33	PASS
N66	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.44	23.33	26.4	27.8	33	PASS
N66	15	10	DFT-PI2BPSK	L	Outer_Full	22.09	21.79	24.95	26.35	33	PASS
N66	15	10	DFT-QPSK	L	Inner_1RB_Left	23.2	23.63	26.43	27.83	33	PASS
N66	15	10	DFT-QPSK	L	Inner_1RB_Right	23.38	23.52	26.46	27.86	33	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	21.87	22.27	25.08	26.48	33	PASS
N66	15	10	DFT-16QAM	L	Inner_1RB_Left	22.6	22.49	25.56	26.96	33	PASS
N66	15	10	DFT-16QAM	L	Inner_1RB_Right	22.57	22.47	25.53	26.93	33	PASS
N66	15	10	DFT-16QAM	L	Outer_Full	21.37	21.21	24.3	25.7	33	PASS
N66	15	10	DFT-64QAM	L	Inner_1RB_Left	20.98	20.99	24	25.4	33	PASS
N66	15	10	DFT-64QAM	L	Inner_1RB_Right	21.09	21.25	24.18	25.58	33	PASS
N66	15	10	DFT-64QAM	L	Outer_Full	20.75	21.06	23.92	25.32	33	PASS
N66	15	10	DFT-256QAM	L	Inner_1RB_Left	17.94	17.85	20.91	22.31	33	PASS



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N66	15	10	DFT-256QAM	L	Inner_1RB_Right	17.92	17.84	20.89	22.29	33	PASS
N66	15	10	DFT-256QAM	L	Outer_Full	18.46	18.58	21.53	22.93	33	PASS
N66	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.22	23.31	26.28	27.68	33	PASS
N66	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.42	23.45	26.45	27.85	33	PASS
N66	15	10	DFT-PI2BPSK	M	Outer_Full	21.86	21.98	24.93	26.33	33	PASS
N66	15	10	DFT-QPSK	M	Inner_1RB_Left	23.35	23.48	26.43	27.83	33	PASS
N66	15	10	DFT-QPSK	M	Inner_1RB_Right	23.48	23.58	26.54	27.94	33	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	21.96	21.7	24.84	26.24	33	PASS
N66	15	10	DFT-16QAM	M	Inner_1RB_Left	22.42	22.45	25.45	26.85	33	PASS
N66	15	10	DFT-16QAM	M	Inner_1RB_Right	22.84	22.58	25.72	27.12	33	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	21.44	21.69	24.58	25.98	33	PASS
N66	15	10	DFT-64QAM	M	Inner_1RB_Left	21.13	21.17	24.16	25.56	33	PASS
N66	15	10	DFT-64QAM	M	Inner_1RB_Right	21.03	20.99	24.02	25.42	33	PASS
N66	15	10	DFT-64QAM	M	Outer_Full	21	21.06	24.04	25.44	33	PASS
N66	15	10	DFT-256QAM	M	Inner_1RB_Left	17.7	18.05	20.89	22.29	33	PASS
N66	15	10	DFT-256QAM	M	Inner_1RB_Right	18.04	17.98	21.02	22.42	33	PASS
N66	15	10	DFT-256QAM	M	Outer_Full	18.52	18.68	21.61	23.01	33	PASS
N66	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.4	23.87	26.65	28.05	33	PASS
N66	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.42	23.75	26.6	28	33	PASS
N66	15	10	DFT-PI2BPSK	H	Outer_Full	21.64	22.06	24.87	26.27	33	PASS
N66	15	10	DFT-QPSK	H	Inner_1RB_Left	23.3	23.65	26.49	27.89	33	PASS



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N66	15	10	DFT-QPSK	H	Inner_1RB_Right	23.18	23.52	26.36	27.76	33	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	22.13	22.25	25.2	26.6	33	PASS
N66	15	10	DFT-16QAM	H	Inner_1RB_Left	22.37	22.77	25.58	26.98	33	PASS
N66	15	10	DFT-16QAM	H	Inner_1RB_Right	22.34	22.69	25.53	26.93	33	PASS
N66	15	10	DFT-16QAM	H	Outer_Full	21.28	21.72	24.52	25.92	33	PASS
N66	15	10	DFT-64QAM	H	Inner_1RB_Left	20.83	21.08	23.97	25.37	33	PASS
N66	15	10	DFT-64QAM	H	Inner_1RB_Right	20.93	21.22	24.09	25.49	33	PASS
N66	15	10	DFT-64QAM	H	Outer_Full	20.75	21.39	24.09	25.49	33	PASS
N66	15	10	DFT-256QAM	H	Inner_1RB_Left	17.78	18.16	20.98	22.38	33	PASS
N66	15	10	DFT-256QAM	H	Inner_1RB_Right	17.65	18.02	20.85	22.25	33	PASS
N66	15	10	DFT-256QAM	H	Outer_Full	18.22	18.59	21.42	22.82	33	PASS
N66	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.21	23.27	26.25	27.65	33	PASS
N66	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.65	23.6	26.64	28.04	33	PASS
N66	15	15	DFT-PI2BPSK	L	Outer_Full	21.71	21.97	24.85	26.25	33	PASS
N66	15	15	DFT-QPSK	L	Inner_1RB_Left	23.27	23.75	26.53	27.93	33	PASS
N66	15	15	DFT-QPSK	L	Inner_1RB_Right	23.31	23.49	26.41	27.81	33	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	21.78	21.98	24.89	26.29	33	PASS
N66	15	15	DFT-16QAM	L	Inner_1RB_Left	22.24	22.67	25.47	26.87	33	PASS
N66	15	15	DFT-16QAM	L	Inner_1RB_Right	22.49	22.59	25.55	26.95	33	PASS
N66	15	15	DFT-16QAM	L	Outer_Full	21.09	21.43	24.27	25.67	33	PASS
N66	15	15	DFT-64QAM	L	Inner_1RB_Left	20.79	21.2	24.01	25.41	33	PASS



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N66	15	15	DFT-64QAM	L	Inner_1RB_Right	20.9	21.23	24.08	25.48	33	PASS
N66	15	15	DFT-64QAM	L	Outer_Full	20.75	20.74	23.76	25.16	33	PASS
N66	15	15	DFT-256QAM	L	Inner_1RB_Left	17.9	17.92	20.92	22.32	33	PASS
N66	15	15	DFT-256QAM	L	Inner_1RB_Right	17.88	17.95	20.93	22.33	33	PASS
N66	15	15	DFT-256QAM	L	Outer_Full	18.37	18.2	21.3	22.7	33	PASS
N66	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.45	23.42	26.45	27.85	33	PASS
N66	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.46	23.61	26.55	27.95	33	PASS
N66	15	15	DFT-PI2BPSK	M	Outer_Full	21.94	21.96	24.96	26.36	33	PASS
N66	15	15	DFT-QPSK	M	Inner_1RB_Left	23.74	23.66	26.71	28.11	33	PASS
N66	15	15	DFT-QPSK	M	Inner_1RB_Right	23.43	23.5	26.48	27.88	33	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	22.02	21.72	24.88	26.28	33	PASS
N66	15	15	DFT-16QAM	M	Inner_1RB_Left	22.38	22.67	25.54	26.94	33	PASS
N66	15	15	DFT-16QAM	M	Inner_1RB_Right	22.7	22.57	25.65	27.05	33	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	21.71	21.55	24.64	26.04	33	PASS
N66	15	15	DFT-64QAM	M	Inner_1RB_Left	20.95	21.08	24.03	25.43	33	PASS
N66	15	15	DFT-64QAM	M	Inner_1RB_Right	21.22	21.38	24.31	25.71	33	PASS
N66	15	15	DFT-64QAM	M	Outer_Full	21.1	20.89	24.01	25.41	33	PASS
N66	15	15	DFT-256QAM	M	Inner_1RB_Left	17.8	18.22	21.03	22.43	33	PASS
N66	15	15	DFT-256QAM	M	Inner_1RB_Right	17.97	18.28	21.14	22.54	33	PASS
N66	15	15	DFT-256QAM	M	Outer_Full	18.23	18.31	21.28	22.68	33	PASS
N66	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.59	23.79	26.7	28.1	33	PASS



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N66	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.36	23.62	26.5	27.9	33	PASS
N66	15	15	DFT-PI2BPSK	H	Outer_Full	21.84	22.03	24.95	26.35	33	PASS
N66	15	15	DFT-QPSK	H	Inner_1RB_Left	23.63	23.49	26.57	27.97	33	PASS
N66	15	15	DFT-QPSK	H	Inner_1RB_Right	23.28	23.68	26.49	27.89	33	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	21.88	22.1	25	26.4	33	PASS
N66	15	15	DFT-16QAM	H	Inner_1RB_Left	22.4	22.79	25.61	27.01	33	PASS
N66	15	15	DFT-16QAM	H	Inner_1RB_Right	22.37	22.42	25.41	26.81	33	PASS
N66	15	15	DFT-16QAM	H	Outer_Full	21.19	21.62	24.42	25.82	33	PASS
N66	15	15	DFT-64QAM	H	Inner_1RB_Left	21.1	21.3	24.21	25.61	33	PASS
N66	15	15	DFT-64QAM	H	Inner_1RB_Right	20.89	21.24	24.08	25.48	33	PASS
N66	15	15	DFT-64QAM	H	Outer_Full	20.81	21.09	23.96	25.36	33	PASS
N66	15	15	DFT-256QAM	H	Inner_1RB_Left	18.04	18.06	21.06	22.46	33	PASS
N66	15	15	DFT-256QAM	H	Inner_1RB_Right	17.39	18	20.72	22.12	33	PASS
N66	15	15	DFT-256QAM	H	Outer_Full	18.29	18.75	21.54	22.94	33	PASS
N66	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.38	23.33	26.37	27.77	33	PASS
N66	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.5	23.48	26.5	27.9	33	PASS
N66	15	20	DFT-PI2BPSK	L	Outer_Full	21.8	22.18	25	26.4	33	PASS
N66	15	20	DFT-QPSK	L	Inner_1RB_Left	23.47	23.35	26.42	27.82	33	PASS
N66	15	20	DFT-QPSK	L	Inner_1RB_Right	23.41	23.49	26.46	27.86	33	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	22.23	22.17	25.21	26.61	33	PASS
N66	15	20	DFT-16QAM	L	Inner_1RB_Left	22.52	22.43	25.49	26.89	33	PASS



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N66	15	20	DFT-16QAM	L	Inner_1RB_Right	22.46	22.72	25.6	27	33	PASS
N66	15	20	DFT-16QAM	L	Outer_Full	21.23	21.51	24.38	25.78	33	PASS
N66	15	20	DFT-64QAM	L	Inner_1RB_Left	20.95	20.92	23.95	25.35	33	PASS
N66	15	20	DFT-64QAM	L	Inner_1RB_Right	21.21	21.25	24.24	25.64	33	PASS
N66	15	20	DFT-64QAM	L	Outer_Full	20.73	20.98	23.87	25.27	33	PASS
N66	15	20	DFT-256QAM	L	Inner_1RB_Left	17.61	17.97	20.8	22.2	33	PASS
N66	15	20	DFT-256QAM	L	Inner_1RB_Right	18.12	18.03	21.09	22.49	33	PASS
N66	15	20	DFT-256QAM	L	Outer_Full	18.37	18.49	21.44	22.84	33	PASS
N66	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.5	23.45	26.49	27.89	33	PASS
N66	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.45	23.45	26.46	27.86	33	PASS
N66	15	20	DFT-PI2BPSK	M	Outer_Full	22.1	22.11	25.12	26.52	33	PASS
N66	15	20	DFT-QPSK	M	Inner_1RB_Left	23.6	23.56	26.59	27.99	33	PASS
N66	15	20	DFT-QPSK	M	Inner_1RB_Right	23.45	23.79	26.63	28.03	33	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	21.87	22.25	25.07	26.47	33	PASS
N66	15	20	DFT-16QAM	M	Inner_1RB_Left	22.28	22.54	25.42	26.82	33	PASS
N66	15	20	DFT-16QAM	M	Inner_1RB_Right	22.43	22.42	25.44	26.84	33	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	21.25	21.41	24.34	25.74	33	PASS
N66	15	20	DFT-64QAM	M	Inner_1RB_Left	21.02	21.19	24.12	25.52	33	PASS
N66	15	20	DFT-64QAM	M	Inner_1RB_Right	21.11	21.26	24.2	25.6	33	PASS
N66	15	20	DFT-64QAM	M	Outer_Full	20.75	21.23	24.01	25.41	33	PASS
N66	15	20	DFT-256QAM	M	Inner_1RB_Left	17.6	18.2	20.92	22.32	33	PASS



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N66	15	20	DFT-256QAM	M	Inner_1RB_Right	17.97	18.16	21.08	22.48	33	PASS
N66	15	20	DFT-256QAM	M	Outer_Full	18.24	18.52	21.39	22.79	33	PASS
N66	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.64	23.74	26.7	28.1	33	PASS
N66	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.63	23.6	26.63	28.03	33	PASS
N66	15	20	DFT-PI2BPSK	H	Outer_Full	21.9	22.06	24.99	26.39	33	PASS
N66	15	20	DFT-QPSK	H	Inner_1RB_Left	23.58	23.71	26.66	28.06	33	PASS
N66	15	20	DFT-QPSK	H	Inner_1RB_Right	23.28	24.05	26.69	28.09	33	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	21.92	22.23	25.09	26.49	33	PASS
N66	15	20	DFT-16QAM	H	Inner_1RB_Left	22.32	22.58	25.46	26.86	33	PASS
N66	15	20	DFT-16QAM	H	Inner_1RB_Right	22.27	22.62	25.46	26.86	33	PASS
N66	15	20	DFT-16QAM	H	Outer_Full	21.42	21.71	24.58	25.98	33	PASS
N66	15	20	DFT-64QAM	H	Inner_1RB_Left	20.97	21.08	24.04	25.44	33	PASS
N66	15	20	DFT-64QAM	H	Inner_1RB_Right	20.89	21.24	24.08	25.48	33	PASS
N66	15	20	DFT-64QAM	H	Outer_Full	21.07	21.33	24.21	25.61	33	PASS
N66	15	20	DFT-256QAM	H	Inner_1RB_Left	17.92	18.15	21.05	22.45	33	PASS
N66	15	20	DFT-256QAM	H	Inner_1RB_Right	17.72	18.22	20.99	22.39	33	PASS
N66	15	20	DFT-256QAM	H	Outer_Full	18.36	18.49	21.44	22.84	33	PASS
N66	15	25	DFT-PI2BPSK	L	Inner_1RB_Left	23.82	23.45	26.65	28.05	33	PASS
N66	15	25	DFT-PI2BPSK	L	Inner_1RB_Right	23.4	23.76	26.59	27.99	33	PASS
N66	15	25	DFT-PI2BPSK	L	Outer_Full	21.86	22.01	24.95	26.35	33	PASS
N66	15	25	DFT-QPSK	L	Inner_1RB_Left	23.47	23.45	26.47	27.87	33	PASS



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N66	15	25	DFT-QPSK	L	Inner_1RB_Right	23.76	23.54	26.66	28.06	33	PASS
N66	15	25	DFT-QPSK	L	Outer_Full	21.96	21.81	24.9	26.3	33	PASS
N66	15	25	DFT-16QAM	L	Inner_1RB_Left	22.24	22.37	25.32	26.72	33	PASS
N66	15	25	DFT-16QAM	L	Inner_1RB_Right	22.51	22.61	25.57	26.97	33	PASS
N66	15	25	DFT-16QAM	L	Outer_Full	21.43	21.5	24.48	25.88	33	PASS
N66	15	25	DFT-64QAM	L	Inner_1RB_Left	21.28	21.2	24.25	25.65	33	PASS
N66	15	25	DFT-64QAM	L	Inner_1RB_Right	21.17	21.09	24.14	25.54	33	PASS
N66	15	25	DFT-64QAM	L	Outer_Full	21	20.83	23.93	25.33	33	PASS
N66	15	25	DFT-256QAM	L	Inner_1RB_Left	17.6	17.93	20.78	22.18	33	PASS
N66	15	25	DFT-256QAM	L	Inner_1RB_Right	18.26	17.89	21.09	22.49	33	PASS
N66	15	25	DFT-256QAM	L	Outer_Full	18.76	18.56	21.67	23.07	33	PASS
N66	15	25	DFT-PI2BPSK	M	Inner_1RB_Left	23.78	23.5	26.65	28.05	33	PASS
N66	15	25	DFT-PI2BPSK	M	Inner_1RB_Right	23.6	23.76	26.69	28.09	33	PASS
N66	15	25	DFT-PI2BPSK	M	Outer_Full	21.86	21.89	24.89	26.29	33	PASS
N66	15	25	DFT-QPSK	M	Inner_1RB_Left	23.4	23.5	26.46	27.86	33	PASS
N66	15	25	DFT-QPSK	M	Inner_1RB_Right	23.36	23.78	26.59	27.99	33	PASS
N66	15	25	DFT-QPSK	M	Outer_Full	22.04	22.07	25.07	26.47	33	PASS
N66	15	25	DFT-16QAM	M	Inner_1RB_Left	22.39	22.49	25.45	26.85	33	PASS
N66	15	25	DFT-16QAM	M	Inner_1RB_Right	22.44	22.85	25.66	27.06	33	PASS
N66	15	25	DFT-16QAM	M	Outer_Full	21.67	21.5	24.6	26	33	PASS
N66	15	25	DFT-64QAM	M	Inner_1RB_Left	21.04	21.14	24.1	25.5	33	PASS



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N66	15	25	DFT-64QAM	M	Inner_1RB_Right	21.2	21.46	24.34	25.74	33	PASS
N66	15	25	DFT-64QAM	M	Outer_Full	21.02	21.28	24.16	25.56	33	PASS
N66	15	25	DFT-256QAM	M	Inner_1RB_Left	17.74	18.05	20.91	22.31	33	PASS
N66	15	25	DFT-256QAM	M	Inner_1RB_Right	18	18.33	21.18	22.58	33	PASS
N66	15	25	DFT-256QAM	M	Outer_Full	18.45	18.33	21.4	22.8	33	PASS
N66	15	25	DFT-PI2BPSK	H	Inner_1RB_Left	23.66	23.4	26.54	27.94	33	PASS
N66	15	25	DFT-PI2BPSK	H	Inner_1RB_Right	23.33	23.98	26.68	28.08	33	PASS
N66	15	25	DFT-PI2BPSK	H	Outer_Full	21.99	22.27	25.14	26.54	33	PASS
N66	15	25	DFT-QPSK	H	Inner_1RB_Left	23.64	23.7	26.68	28.08	33	PASS
N66	15	25	DFT-QPSK	H	Inner_1RB_Right	23.34	23.74	26.55	27.95	33	PASS
N66	15	25	DFT-QPSK	H	Outer_Full	21.92	22.15	25.05	26.45	33	PASS
N66	15	25	DFT-16QAM	H	Inner_1RB_Left	22.45	22.52	25.5	26.9	33	PASS
N66	15	25	DFT-16QAM	H	Inner_1RB_Right	22.48	22.72	25.61	27.01	33	PASS
N66	15	25	DFT-16QAM	H	Outer_Full	21.32	21.68	24.51	25.91	33	PASS
N66	15	25	DFT-64QAM	H	Inner_1RB_Left	21.18	21.27	24.24	25.64	33	PASS
N66	15	25	DFT-64QAM	H	Inner_1RB_Right	21.12	21.27	24.21	25.61	33	PASS
N66	15	25	DFT-64QAM	H	Outer_Full	20.96	21.23	24.11	25.51	33	PASS
N66	15	25	DFT-256QAM	H	Inner_1RB_Left	18.19	18.05	21.13	22.53	33	PASS
N66	15	25	DFT-256QAM	H	Inner_1RB_Right	17.82	18.25	21.05	22.45	33	PASS
N66	15	25	DFT-256QAM	H	Outer_Full	18.11	18.51	21.32	22.72	33	PASS
N66	15	30	DFT-PI2BPSK	L	Inner_1RB_Left	23.54	23.14	26.35	27.75	33	PASS



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N66	15	30	DFT-PI2BPSK	L	Inner_1RB_Right	23.51	23.58	26.56	27.96	33	PASS
N66	15	30	DFT-PI2BPSK	L	Outer_Full	21.98	22.13	25.07	26.47	33	PASS
N66	15	30	DFT-QPSK	L	Inner_1RB_Left	23.48	23.53	26.52	27.92	33	PASS
N66	15	30	DFT-QPSK	L	Inner_1RB_Right	23.46	23.82	26.65	28.05	33	PASS
N66	15	30	DFT-QPSK	L	Outer_Full	21.94	22.21	25.09	26.49	33	PASS
N66	15	30	DFT-16QAM	L	Inner_1RB_Left	22.7	22.66	25.69	27.09	33	PASS
N66	15	30	DFT-16QAM	L	Inner_1RB_Right	22.37	22.39	25.39	26.79	33	PASS
N66	15	30	DFT-16QAM	L	Outer_Full	21.28	21.39	24.35	25.75	33	PASS
N66	15	30	DFT-64QAM	L	Inner_1RB_Left	20.98	20.74	23.87	25.27	33	PASS
N66	15	30	DFT-64QAM	L	Inner_1RB_Right	21.24	21.17	24.22	25.62	33	PASS
N66	15	30	DFT-64QAM	L	Outer_Full	21.01	21.32	24.18	25.58	33	PASS
N66	15	30	DFT-256QAM	L	Inner_1RB_Left	18.07	17.74	20.92	22.32	33	PASS
N66	15	30	DFT-256QAM	L	Inner_1RB_Right	18.04	18	21.03	22.43	33	PASS
N66	15	30	DFT-256QAM	L	Outer_Full	18.53	18.54	21.55	22.95	33	PASS
N66	15	30	DFT-PI2BPSK	M	Inner_1RB_Left	23.37	23.7	26.55	27.95	33	PASS
N66	15	30	DFT-PI2BPSK	M	Inner_1RB_Right	23.65	24.01	26.84	28.24	33	PASS
N66	15	30	DFT-PI2BPSK	M	Outer_Full	21.87	22.24	25.07	26.47	33	PASS
N66	15	30	DFT-QPSK	M	Inner_1RB_Left	23.48	23.55	26.53	27.93	33	PASS
N66	15	30	DFT-QPSK	M	Inner_1RB_Right	23.38	23.97	26.7	28.1	33	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	21.83	22.19	25.02	26.42	33	PASS
N66	15	30	DFT-16QAM	M	Inner_1RB_Left	22.38	22.64	25.52	26.92	33	PASS



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N66	15	30	DFT-16QAM	M	Inner_1RB_Right	22.4	22.63	25.53	26.93	33	PASS
N66	15	30	DFT-16QAM	M	Outer_Full	21.42	21.37	24.41	25.81	33	PASS
N66	15	30	DFT-64QAM	M	Inner_1RB_Left	20.94	21.24	24.1	25.5	33	PASS
N66	15	30	DFT-64QAM	M	Inner_1RB_Right	21.06	21.51	24.3	25.7	33	PASS
N66	15	30	DFT-64QAM	M	Outer_Full	21.07	21.13	24.11	25.51	33	PASS
N66	15	30	DFT-256QAM	M	Inner_1RB_Left	17.92	18.13	21.04	22.44	33	PASS
N66	15	30	DFT-256QAM	M	Inner_1RB_Right	17.9	18.59	21.27	22.67	33	PASS
N66	15	30	DFT-256QAM	M	Outer_Full	18.41	18.55	21.49	22.89	33	PASS
N66	15	30	DFT-PI2BPSK	H	Inner_1RB_Left	23.52	23.53	26.54	27.94	33	PASS
N66	15	30	DFT-PI2BPSK	H	Inner_1RB_Right	23.44	23.96	26.72	28.12	33	PASS
N66	15	30	DFT-PI2BPSK	H	Outer_Full	21.71	22.21	24.98	26.38	33	PASS
N66	15	30	DFT-QPSK	H	Inner_1RB_Left	23.65	23.63	26.65	28.05	33	PASS
N66	15	30	DFT-QPSK	H	Inner_1RB_Right	23.34	23.59	26.48	27.88	33	PASS
N66	15	30	DFT-QPSK	H	Outer_Full	21.97	22.27	25.13	26.53	33	PASS
N66	15	30	DFT-16QAM	H	Inner_1RB_Left	22.47	22.62	25.56	26.96	33	PASS
N66	15	30	DFT-16QAM	H	Inner_1RB_Right	22.66	22.45	25.57	26.97	33	PASS
N66	15	30	DFT-16QAM	H	Outer_Full	21.43	21.61	24.53	25.93	33	PASS
N66	15	30	DFT-64QAM	H	Inner_1RB_Left	21.39	21.1	24.26	25.66	33	PASS
N66	15	30	DFT-64QAM	H	Inner_1RB_Right	21	21.09	24.06	25.46	33	PASS
N66	15	30	DFT-64QAM	H	Outer_Full	20.8	21.09	23.96	25.36	33	PASS
N66	15	30	DFT-256QAM	H	Inner_1RB_Left	17.9	18.14	21.03	22.43	33	PASS



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N66	15	30	DFT-256QAM	H	Inner_1RB_Right	17.73	18.33	21.05	22.45	33	PASS
N66	15	30	DFT-256QAM	H	Outer_Full	18.27	18.64	21.47	22.87	33	PASS
N66	15	40	DFT-PI2BPSK	L	Inner_1RB_Left	23.51	23.03	26.29	27.69	33	PASS
N66	15	40	DFT-PI2BPSK	L	Inner_1RB_Right	23.56	23.65	26.62	28.02	33	PASS
N66	15	40	DFT-PI2BPSK	L	Outer_Full	22.2	22.19	25.21	26.61	33	PASS
N66	15	40	DFT-QPSK	L	Inner_1RB_Left	23.52	23.37	26.46	27.86	33	PASS
N66	15	40	DFT-QPSK	L	Inner_1RB_Right	23.39	23.87	26.65	28.05	33	PASS
N66	15	40	DFT-QPSK	L	Outer_Full	22.02	21.9	24.97	26.37	33	PASS
N66	15	40	DFT-16QAM	L	Inner_1RB_Left	22.45	22.41	25.44	26.84	33	PASS
N66	15	40	DFT-16QAM	L	Inner_1RB_Right	22.48	22.52	25.51	26.91	33	PASS
N66	15	40	DFT-16QAM	L	Outer_Full	21.7	21.52	24.62	26.02	33	PASS
N66	15	40	DFT-64QAM	L	Inner_1RB_Left	21.04	21.08	24.07	25.47	33	PASS
N66	15	40	DFT-64QAM	L	Inner_1RB_Right	20.96	21.11	24.05	25.45	33	PASS
N66	15	40	DFT-64QAM	L	Outer_Full	20.83	20.92	23.89	25.29	33	PASS
N66	15	40	DFT-256QAM	L	Inner_1RB_Left	17.53	17.57	20.56	21.96	33	PASS
N66	15	40	DFT-256QAM	L	Inner_1RB_Right	17.96	18.12	21.05	22.45	33	PASS
N66	15	40	DFT-256QAM	L	Outer_Full	18.43	18.45	21.45	22.85	33	PASS
N66	15	40	DFT-PI2BPSK	M	Inner_1RB_Left	23.21	23.44	26.34	27.74	33	PASS
N66	15	40	DFT-PI2BPSK	M	Inner_1RB_Right	23.41	23.99	26.72	28.12	33	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	22.22	22.18	25.21	26.61	33	PASS
N66	15	40	DFT-QPSK	M	Inner_1RB_Left	23.46	23.27	26.38	27.78	33	PASS



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N66	15	40	DFT-QPSK	M	Inner_1RB_Right	23.41	23.92	26.68	28.08	33	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	22.07	21.87	24.98	26.38	33	PASS
N66	15	40	DFT-16QAM	M	Inner_1RB_Left	22.5	22.45	25.49	26.89	33	PASS
N66	15	40	DFT-16QAM	M	Inner_1RB_Right	22.18	22.78	25.5	26.9	33	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	21.54	21.58	24.57	25.97	33	PASS
N66	15	40	DFT-64QAM	M	Inner_1RB_Left	20.94	21.12	24.04	25.44	33	PASS
N66	15	40	DFT-64QAM	M	Inner_1RB_Right	21.37	21.55	24.47	25.87	33	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	21	21.02	24.02	25.42	33	PASS
N66	15	40	DFT-256QAM	M	Inner_1RB_Left	17.92	17.86	20.9	22.3	33	PASS
N66	15	40	DFT-256QAM	M	Inner_1RB_Right	18.1	18.3	21.21	22.61	33	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	18.41	18.66	21.55	22.95	33	PASS
N66	15	40	DFT-PI2BPSK	H	Inner_1RB_Left	23.39	23.53	26.47	27.87	33	PASS
N66	15	40	DFT-PI2BPSK	H	Inner_1RB_Right	23.49	23.68	26.6	28	33	PASS
N66	15	40	DFT-PI2BPSK	H	Outer_Full	22.04	22.01	25.04	26.44	33	PASS
N66	15	40	DFT-QPSK	H	Inner_1RB_Left	23.65	23.42	26.55	27.95	33	PASS
N66	15	40	DFT-QPSK	H	Inner_1RB_Right	23.47	23.69	26.59	27.99	33	PASS
N66	15	40	DFT-QPSK	H	Outer_Full	21.86	22.21	25.05	26.45	33	PASS
N66	15	40	DFT-16QAM	H	Inner_1RB_Left	22.27	22.47	25.38	26.78	33	PASS
N66	15	40	DFT-16QAM	H	Inner_1RB_Right	22.48	22.76	25.63	27.03	33	PASS
N66	15	40	DFT-16QAM	H	Outer_Full	21.23	21.37	24.31	25.71	33	PASS
N66	15	40	DFT-64QAM	H	Inner_1RB_Left	21.16	21.11	24.15	25.55	33	PASS



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N66	15	40	DFT-64QAM	H	Inner_1RB_Right	20.96	21.44	24.22	25.62	33	PASS
N66	15	40	DFT-64QAM	H	Outer_Full	21.13	20.98	24.07	25.47	33	PASS
N66	15	40	DFT-256QAM	H	Inner_1RB_Left	17.72	18	20.87	22.27	33	PASS
N66	15	40	DFT-256QAM	H	Inner_1RB_Right	17.77	18.35	21.08	22.48	33	PASS
N66	15	40	DFT-256QAM	H	Outer_Full	18.36	18.85	21.62	23.02	33	PASS



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Wireless Laboratory

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Member of the SGS Group (SGS SA)


Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)


Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N66	15	40	DFT-256QAM	L	Outer_Full	6.70	13	PASS
N66	15	40	CP-256QAM	L	Outer_Full	6.69	13	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	6.74	13	PASS
N66	15	40	CP-256QAM	M	Outer_Full	6.78	13	PASS
N66	15	40	DFT-256QAM	H	Outer_Full	6.68	13	PASS
N66	15	40	CP-256QAM	H	Outer_Full	6.67	13	PASS

Test Graphs



1-N66-15-40-L-14-DFT-256QAM-Outer_Full-216@0-21.25-21.25-19~27.5-PASS



1-N66-15-40-L-15-CP-256QAM-Outer_Full-216@0-21.24-21.24-19~27.5-PASS



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1-N66-15-40-M-14-DFT-256QAM-Outer_Full-216@0-21.32-21.32-19~27.5-PASS



1-N66-15-40-M-15-CP-256QAM-Outer_Full-216@0-21.31-21.31-19~27.5-PASS



1-N66-15-40-H-14-DFT-256QAM-Outer_Full-216@0-21.08-21.08-19~27.5-PASS



1-N66-15-40-H-15-CP-256QAM-Outer_Full-216@0-21.03-21.03-19~27.5-PASS



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Member of the SGS Group (SGS SA)

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	4.477	5.100	PASS
N66	15	5	DFT-PI2BPSK	M	Outer_Full	4.496	5.070	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	4.476	4.770	PASS
N66	15	5	DFT-64QAM	M	Outer_Full	4.464	4.990	PASS
N66	15	5	DFT-256QAM	M	Outer_Full	4.5	5.200	PASS
N66	15	5	CP-QPSK	M	Outer_Full	4.526	5.170	PASS
N66	15	5	CP-16QAM	M	Outer_Full	4.518	5.220	PASS
N66	15	5	CP-64QAM	M	Outer_Full	4.49	5.170	PASS
N66	15	5	CP-256QAM	M	Outer_Full	4.469	4.950	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	8.925	9.640	PASS
N66	15	10	DFT-PI2BPSK	M	Outer_Full	8.91	9.680	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	8.964	9.680	PASS
N66	15	10	DFT-64QAM	M	Outer_Full	8.922	9.560	PASS
N66	15	10	DFT-256QAM	M	Outer_Full	8.929	9.560	PASS
N66	15	10	CP-QPSK	M	Outer_Full	9.293	10.120	PASS
N66	15	10	CP-16QAM	M	Outer_Full	9.273	10.040	PASS
N66	15	10	CP-64QAM	M	Outer_Full	9.283	10.060	PASS
N66	15	10	CP-256QAM	M	Outer_Full	9.283	10.100	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	13.493	14.340	PASS
N66	15	15	DFT-PI2BPSK	M	Outer_Full	13.497	14.490	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	13.495	14.610	PASS
N66	15	15	DFT-64QAM	M	Outer_Full	13.472	14.490	PASS
N66	15	15	DFT-256QAM	M	Outer_Full	13.5	14.490	PASS
N66	15	15	CP-QPSK	M	Outer_Full	14.162	15.270	PASS
N66	15	15	CP-16QAM	M	Outer_Full	14.154	15.030	PASS
N66	15	15	CP-64QAM	M	Outer_Full	14.2	15.180	PASS
N66	15	15	CP-256QAM	M	Outer_Full	14.179	15.420	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	17.886	18.960	PASS
N66	15	20	DFT-PI2BPSK	M	Outer_Full	17.912	19.120	PASS



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N66	15	20	DFT-16QAM	M	Outer_Full	17.917	18.920	PASS
N66	15	20	DFT-64QAM	M	Outer_Full	17.904	18.960	PASS
N66	15	20	DFT-256QAM	M	Outer_Full	17.902	18.920	PASS
N66	15	20	CP-QPSK	M	Outer_Full	18.926	20.040	PASS
N66	15	20	CP-16QAM	M	Outer_Full	18.95	20.320	PASS
N66	15	20	CP-64QAM	M	Outer_Full	18.939	20.040	PASS
N66	15	20	CP-256QAM	M	Outer_Full	19.078	20.240	PASS
N66	15	25	DFT-QPSK	M	Outer_Full	22.956	23.900	PASS
N66	15	25	DFT-PI2BPSK	M	Outer_Full	22.884	23.900	PASS
N66	15	25	DFT-16QAM	M	Outer_Full	22.942	23.900	PASS
N66	15	25	DFT-64QAM	M	Outer_Full	22.869	23.950	PASS
N66	15	25	DFT-256QAM	M	Outer_Full	22.906	23.950	PASS
N66	15	25	CP-QPSK	M	Outer_Full	23.774	24.900	PASS
N66	15	25	CP-16QAM	M	Outer_Full	23.759	24.900	PASS
N66	15	25	CP-64QAM	M	Outer_Full	23.731	24.900	PASS
N66	15	25	CP-256QAM	M	Outer_Full	23.808	24.800	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	28.577	29.760	PASS
N66	15	30	DFT-PI2BPSK	M	Outer_Full	28.602	29.760	PASS
N66	15	30	DFT-16QAM	M	Outer_Full	28.599	29.700	PASS
N66	15	30	DFT-64QAM	M	Outer_Full	28.582	29.820	PASS
N66	15	30	DFT-256QAM	M	Outer_Full	28.595	29.820	PASS
N66	15	30	CP-QPSK	M	Outer_Full	28.551	29.820	PASS
N66	15	30	CP-16QAM	M	Outer_Full	28.554	29.760	PASS
N66	15	30	CP-64QAM	M	Outer_Full	28.569	29.880	PASS
N66	15	30	CP-256QAM	M	Outer_Full	28.543	29.700	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	38.768	41.200	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	38.704	41.200	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	38.84	41.200	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	38.765	41.120	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	38.83	41.280	PASS
N66	15	40	CP-QPSK	M	Outer_Full	38.783	41.280	PASS
N66	15	40	CP-16QAM	M	Outer_Full	38.717	41.360	PASS
N66	15	40	CP-64QAM	M	Outer_Full	38.742	41.200	PASS
N66	15	40	CP-256QAM	M	Outer_Full	38.72	41.200	PASS

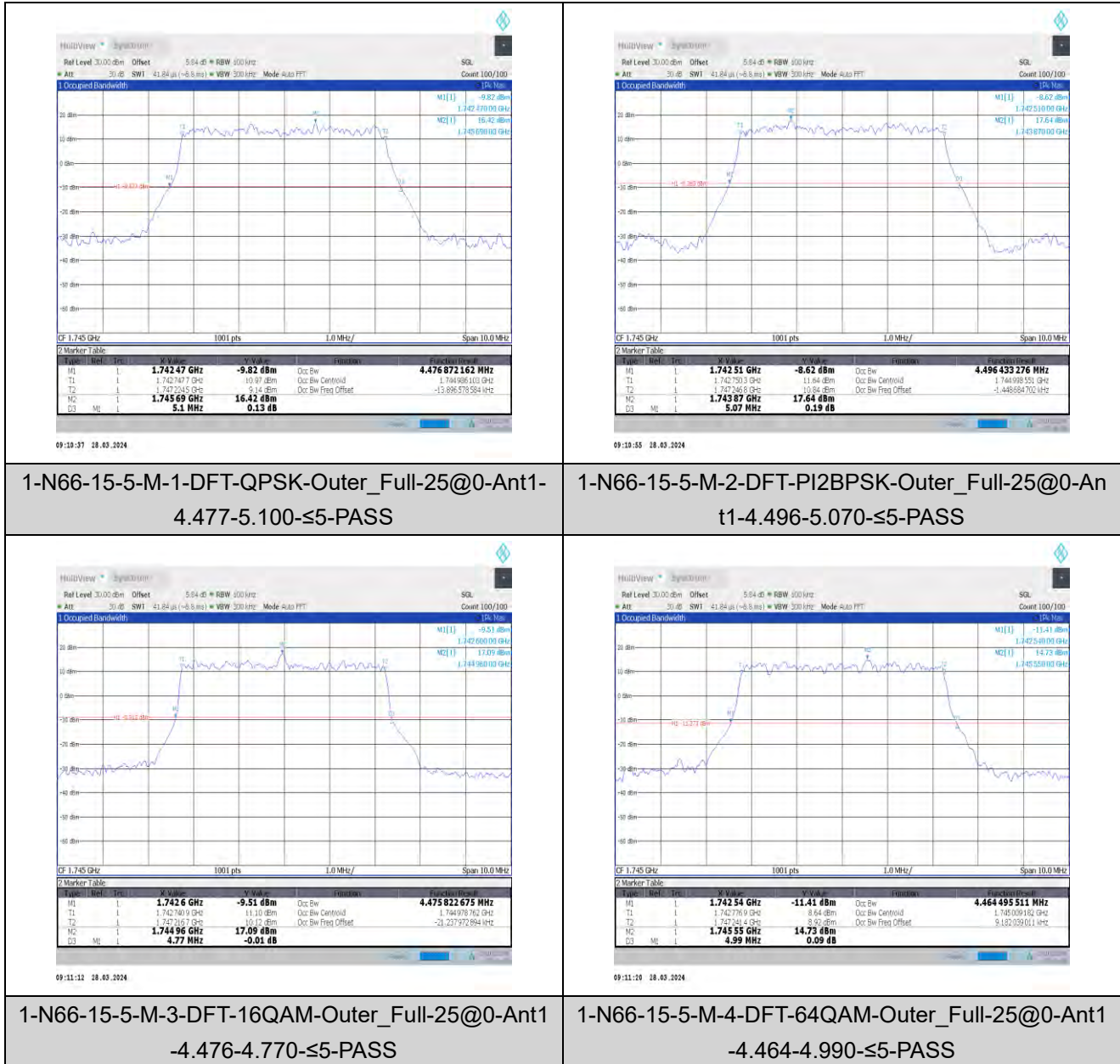


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Test Graphs



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1-N66-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant
1-4.5-5.200-≤5-PASS



1-N66-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.
526-5.170-≤5-PASS



1-N66-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-
4.518-5.220-≤5-PASS



1-N66-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-
4.49-5.170-≤5-PASS



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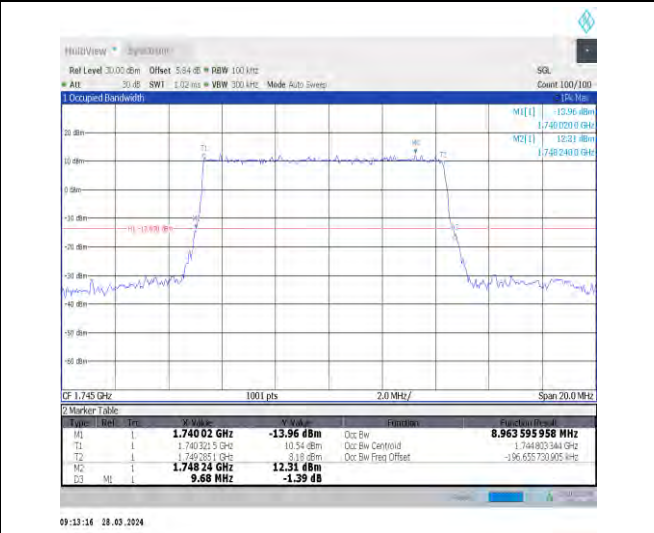
1-N66-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1
-4.69-4.950-≤5-PASS



1-N66-15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant1
-8.925-9.640-≤10-PASS



1-N66-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1
nt1-8.91-9.680-≤10-PASS



1-N66-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1
1-8.964-9.680-≤10-PASS



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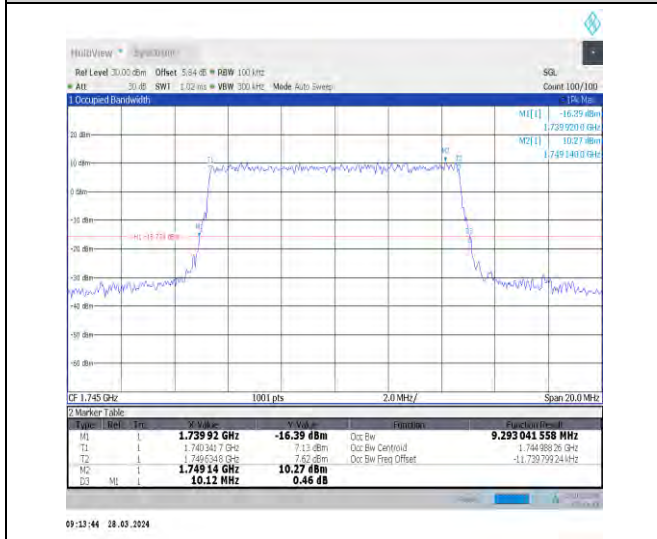
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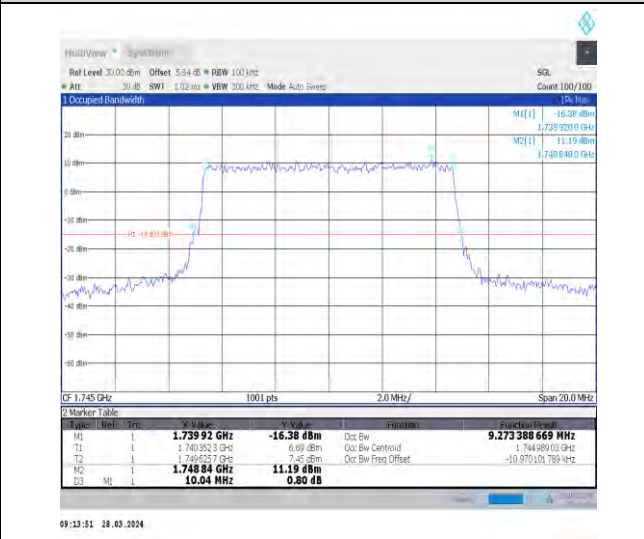
1-N66-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant
1-8.922-9.560-≤10-PASS



1-N66-15-10-M-5-DFT-256QAM-Outer_Full-50@0-A
nt1-8.929-9.560-≤10-PASS



1-N66-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1
9.293-10.120-≤10-PASS



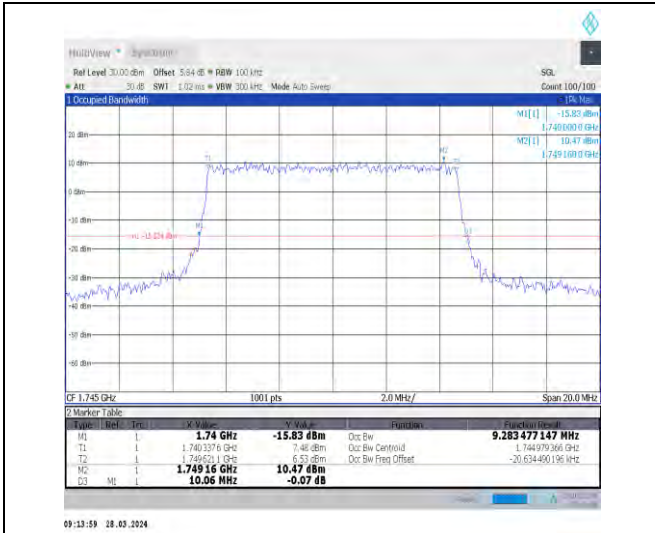
1-N66-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1
-9.273-10.040-≤10-PASS



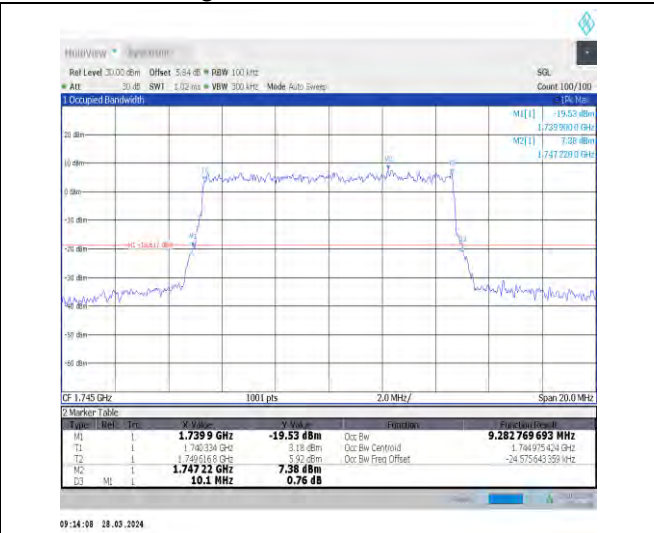
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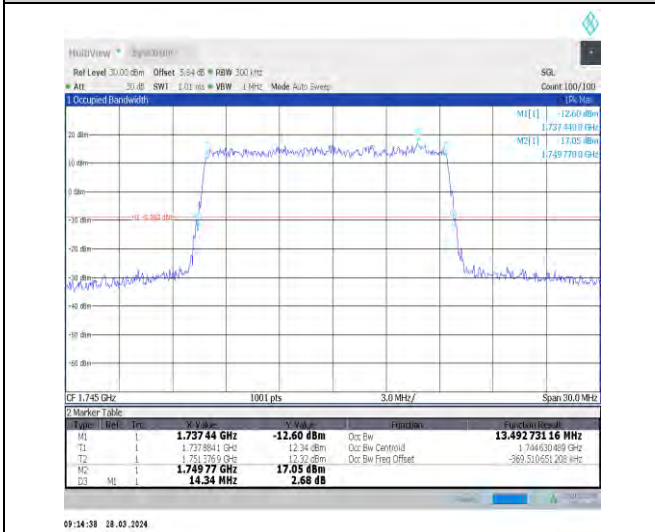
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1-N66-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1
-9.283-10.060-≤10-PASS



1-N66-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant1
1-9.283-10.100-≤10-PASS



1-N66-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant1
-13.493-14.340-≤15-PASS



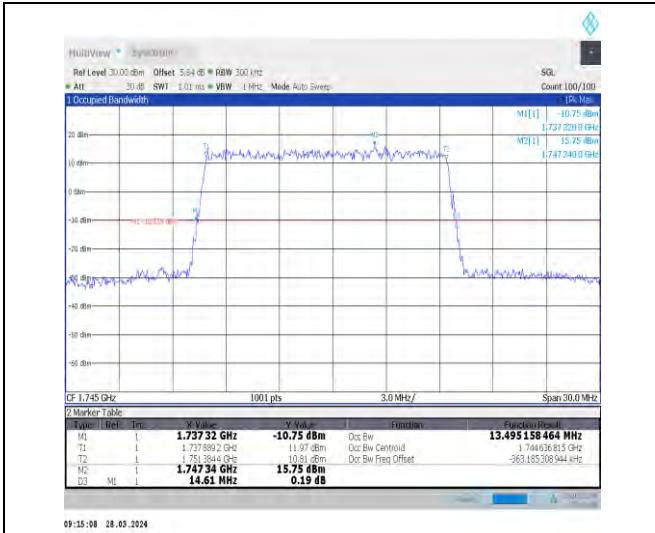
1-N66-15-15-M-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1
-13.497-14.490-≤15-PASS



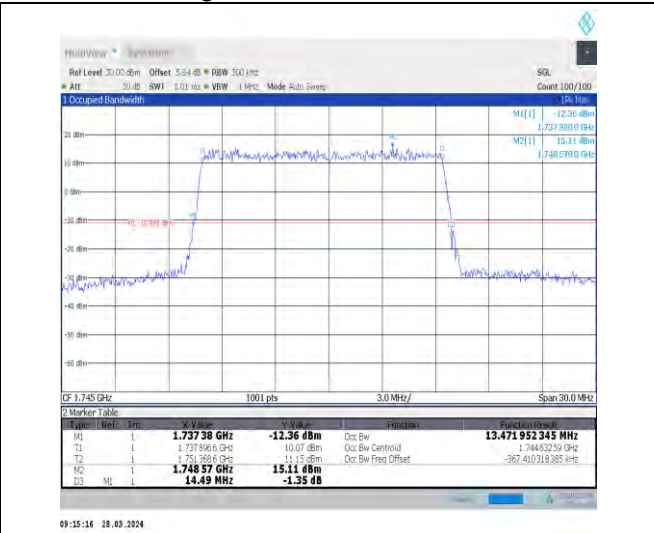
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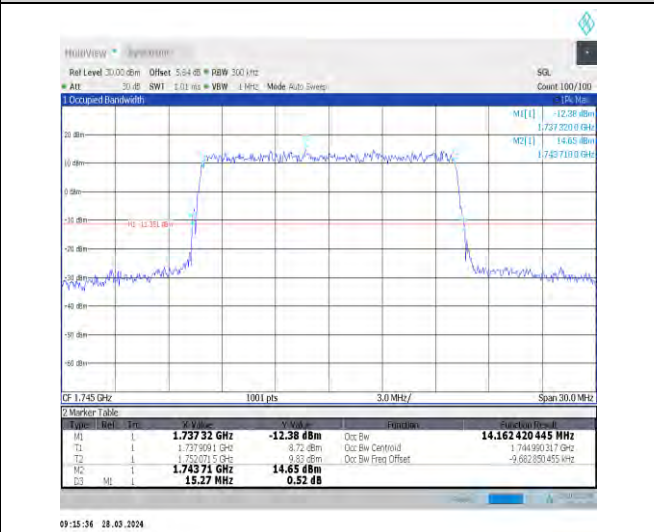
1-N66-15-15-M-3-DFT-16QAM-Outer_Full-75@0-Ant
1-13.495-14.610-≤15-PASS



1-N66-15-15-M-4-DFT-64QAM-Outer_Full-75@0-Ant
1-13.472-14.490-≤15-PASS



1-N66-15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant
nt1-13.5-14.490-≤15-PASS



1-N66-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant1
14.162-15.270-≤15-PASS



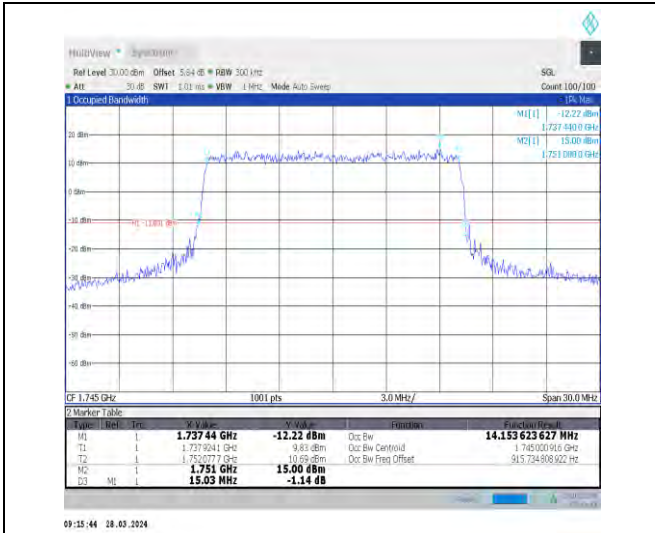
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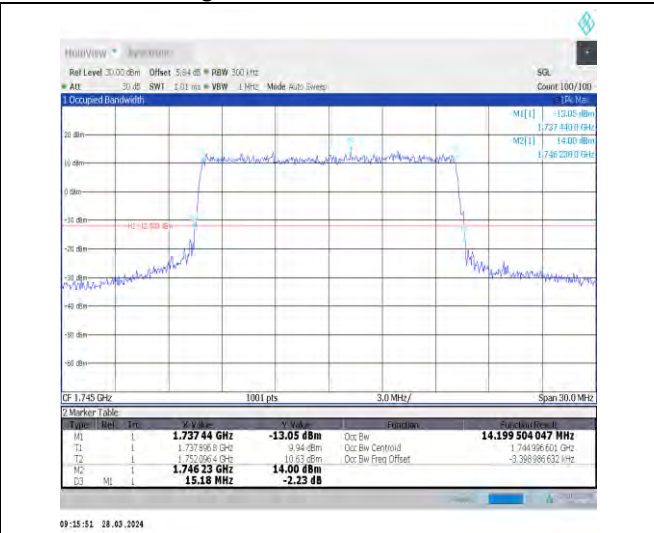
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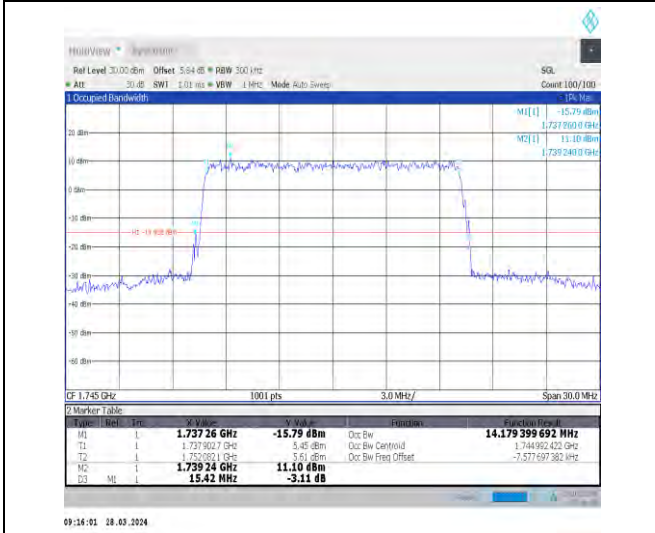
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1-N66-15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant1
-14.154-15.030-≤15-PASS



1-N66-15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant1
-14.2-15.180-≤15-PASS



1-N66-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant
1-14.179-15.420-≤15-PASS



1-N66-15-20-M-1-DFT-QPSK-Outer_Full-100@0-Ant
1-17.886-18.960-≤20-PASS



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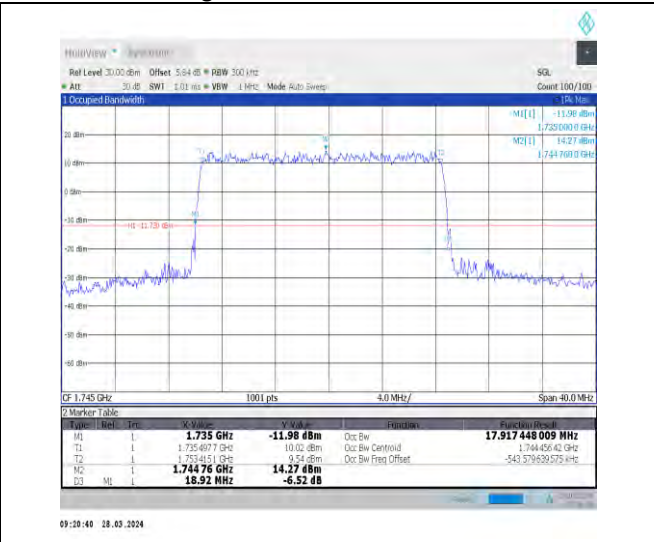
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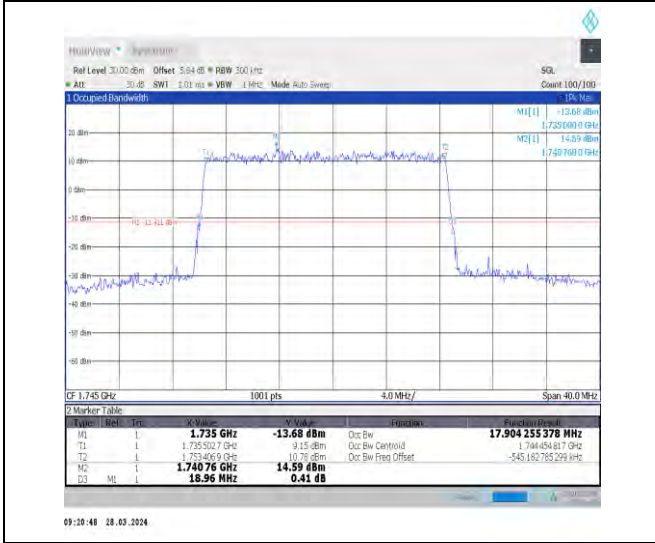
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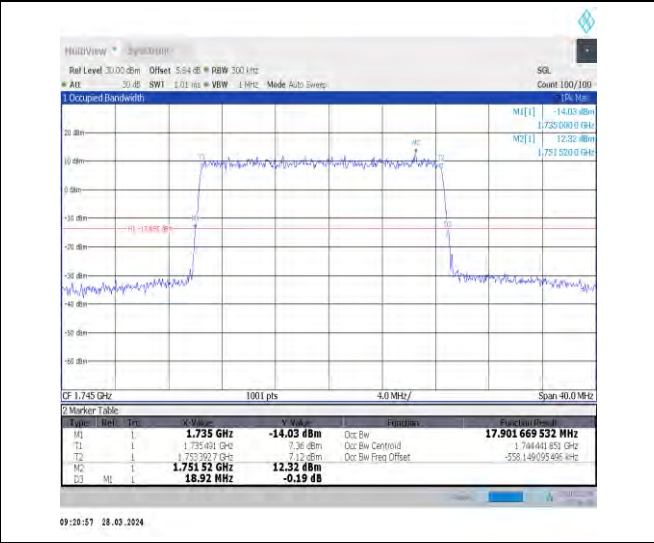
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1-N66-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.917-18.920-≤20-PASS



1-N66-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.904-18.960-≤20-PASS



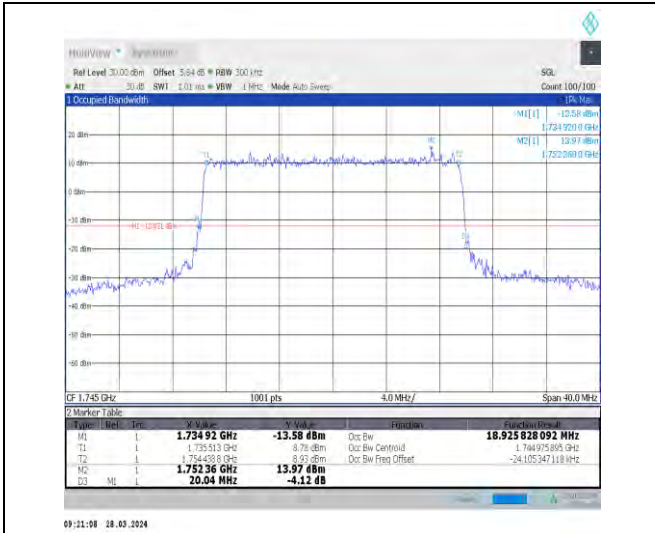
1-N66-15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.902-18.920-≤20-PASS



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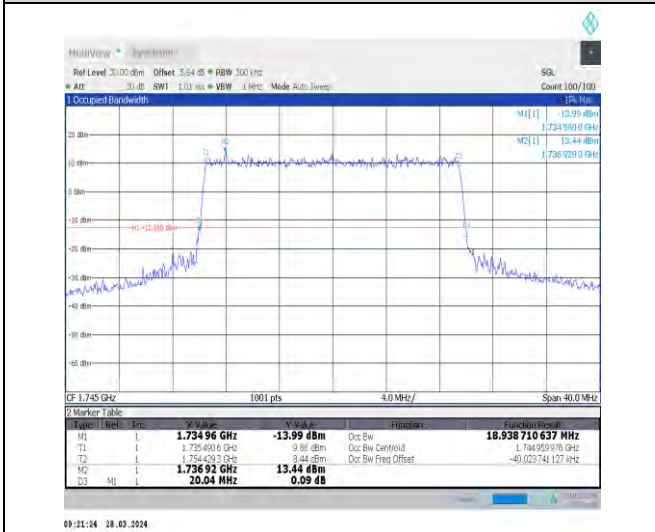
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1-N66-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant1
-18.926-20.040-≤20-PASS



1-N66-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant1
1-18.95-20.320-≤20-PASS



1-N66-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant1
1-18.939-20.040-≤20-PASS



1-N66-15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant1
1-19.078-20.240-≤20-PASS



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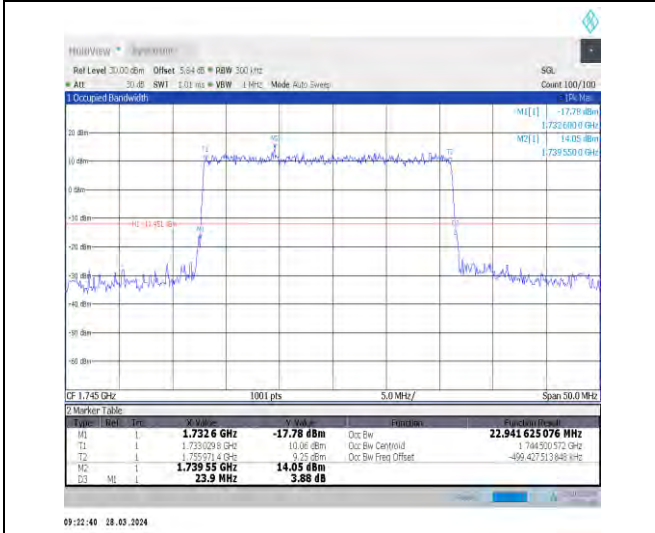
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t (86-512) 62992980 sgs.china@sgs.com



1-N66-15-25-M-1-DFT-QPSK-Outer_Full-128@0-Ant
1-22.956-23.900-≤25-PASS



1-N66-15-25-M-2-DFT-PI2BPSK-Outer_Full-128@0-Ant
1-22.884-23.900-≤25-PASS



1-N66-15-25-M-3-DFT-16QAM-Outer_Full-128@0-Ant
1-22.942-23.900-≤25-PASS



1-N66-15-25-M-4-DFT-64QAM-Outer_Full-128@0-Ant
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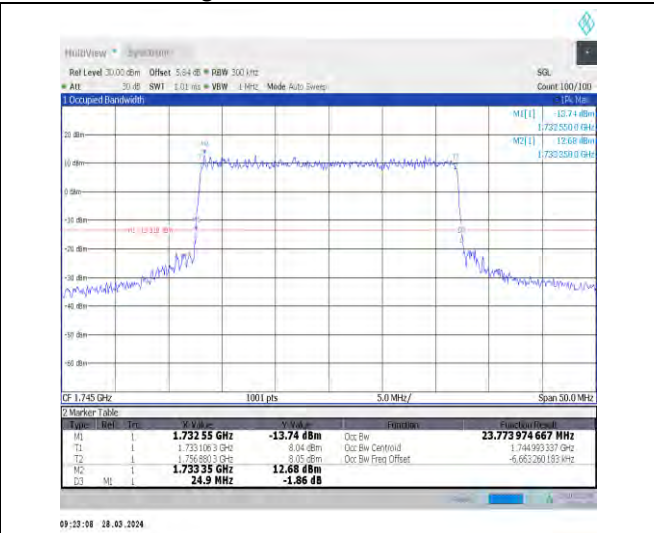
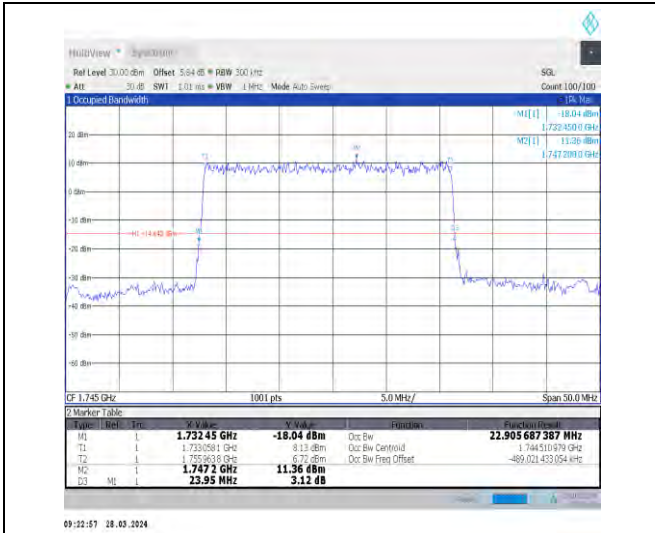
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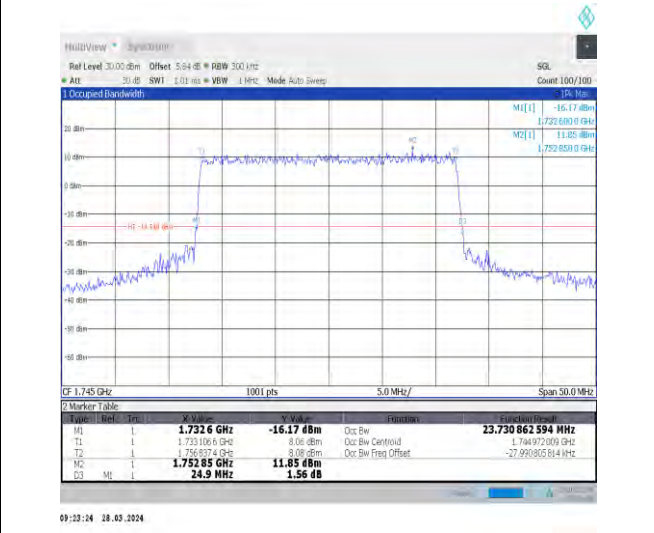
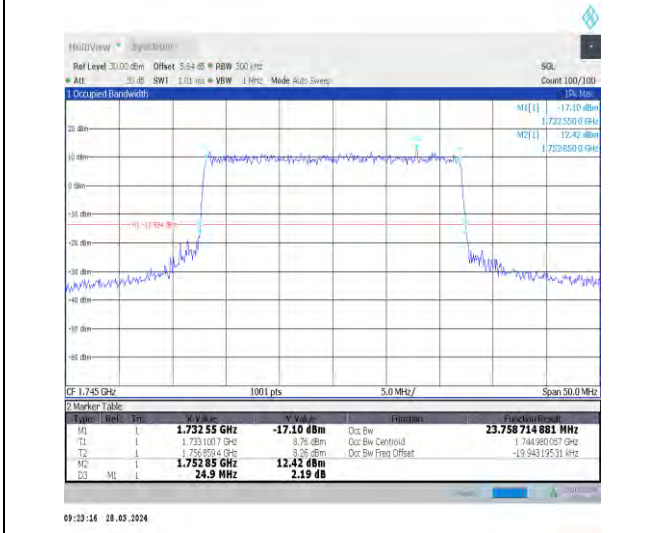
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1-N66-15-25-M-5-DFT-256QAM-Outer_Full-128@0-Ant1-22.906-23.950-≤25-PASS

1-N66-15-25-M-6-CP-QPSK-Outer_Full-133@0-Ant1-23.774-24.900-≤25-PASS



1-N66-15-25-M-7-CP-16QAM-Outer_Full-133@0-Ant1-23.759-24.900-≤25-PASS

1-N66-15-25-M-8-CP-64QAM-Outer_Full-133@0-Ant1-23.731-24.900-≤25-PASS



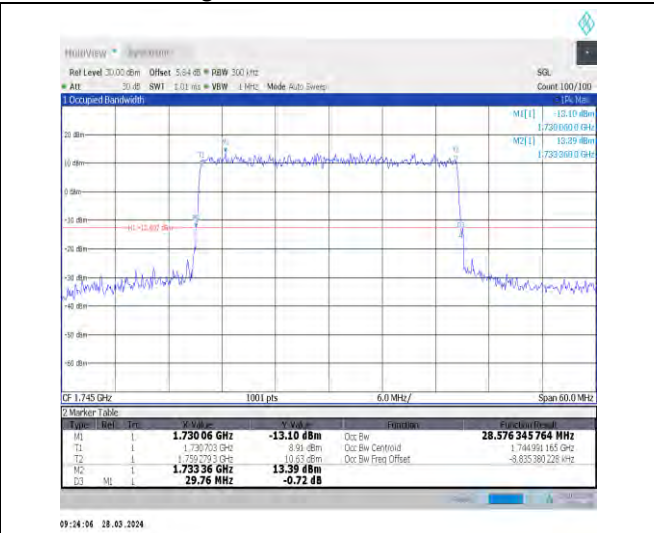
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1-N66-15-25-M-9-CP-256QAM-Outer_Full-133@0-A
nt1-23.808-24.800-≤25-PASS



1-N66-15-30-M-1-DFT-QPSK-Outer_Full-160@0-Ant
1-28.577-29.760-≤30-PASS



1-N66-15-30-M-2-DFT-PI2BPSK-Outer_Full-160@0-Ant1
1-28.602-29.760-≤30-PASS



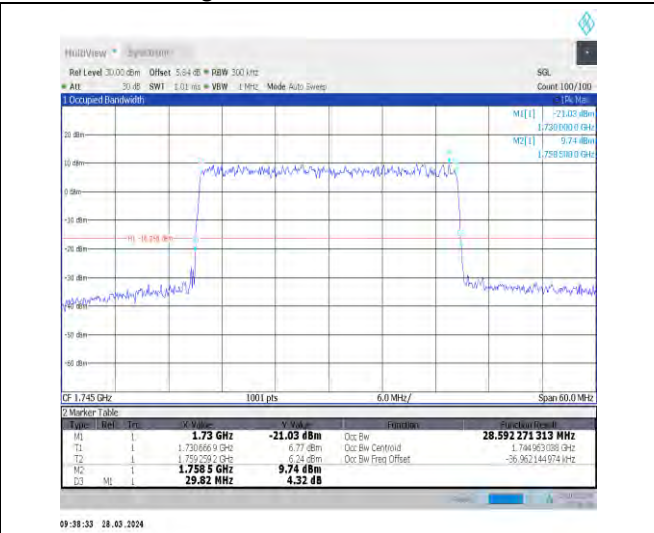
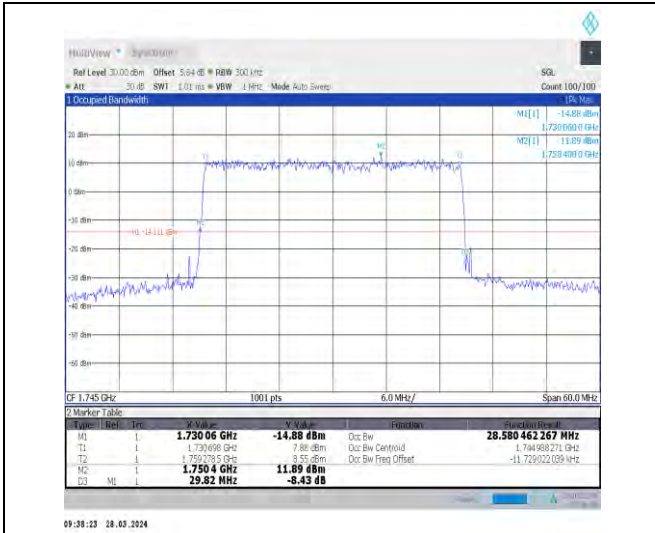
1-N66-15-30-M-3-DFT-16QAM-Outer_Full-160@0-A
nt1-28.599-29.700-≤30-PASS



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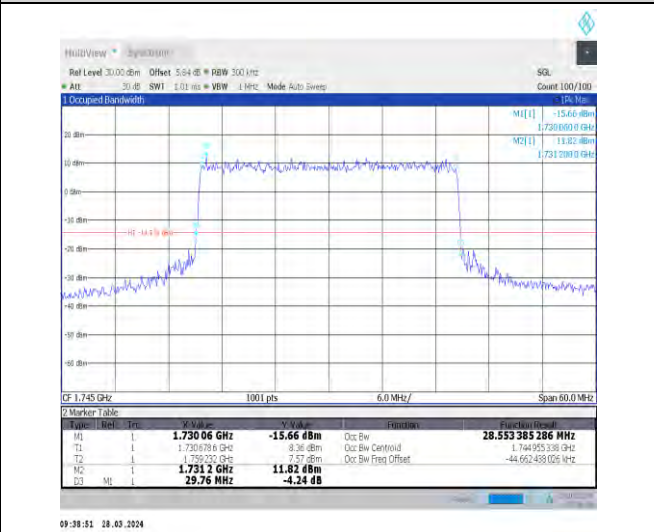
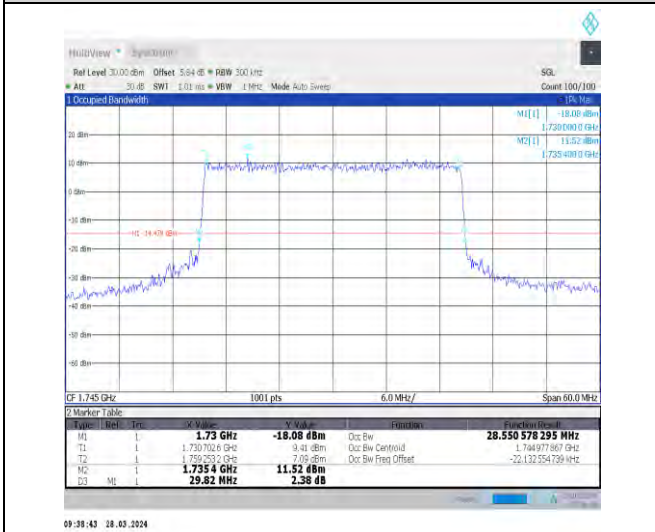
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1-N66-15-30-M-4-DFT-64QAM-Outer_Full-160@0-Ant1-28.582-29.820-≤30-PASS

1-N66-15-30-M-5-DFT-256QAM-Outer_Full-160@0-Ant1-28.595-29.820-≤30-PASS



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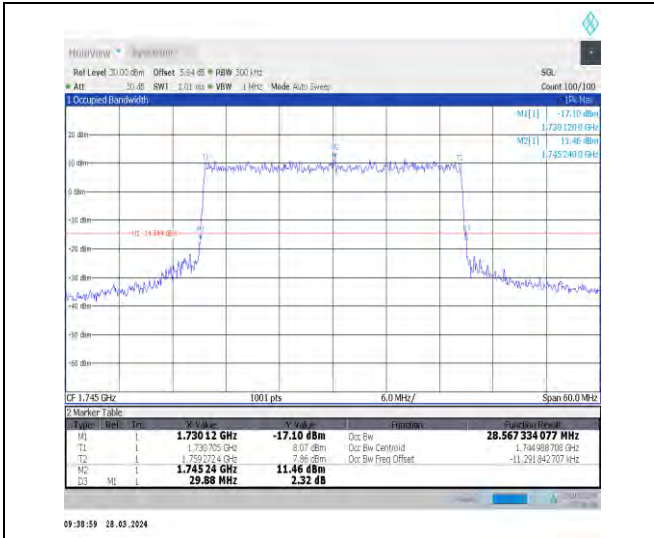
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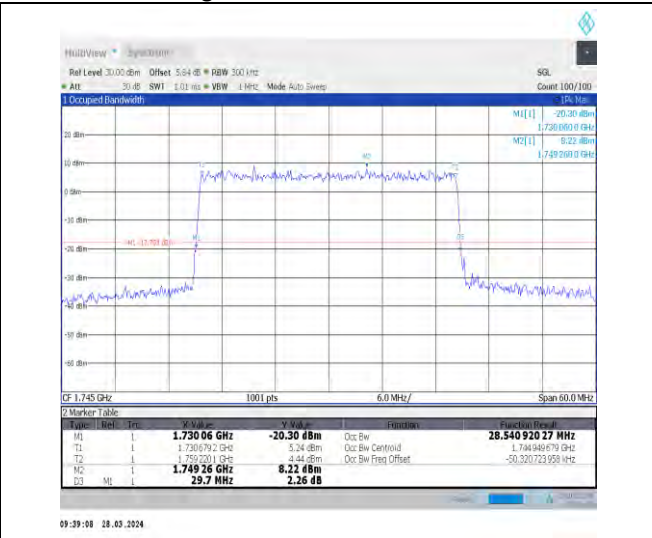
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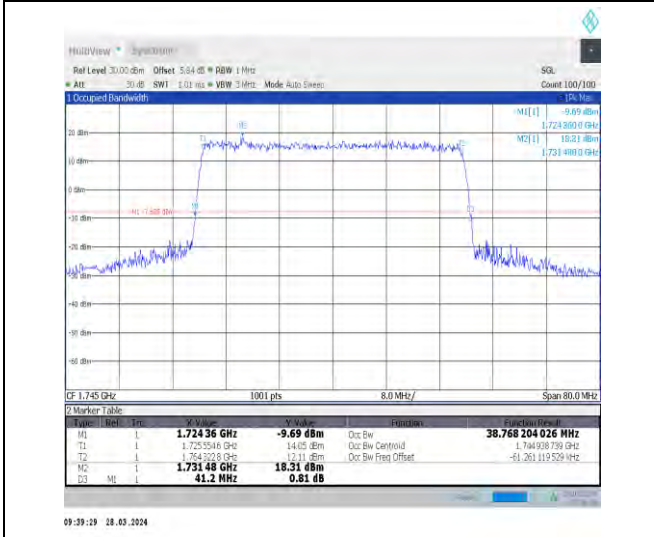
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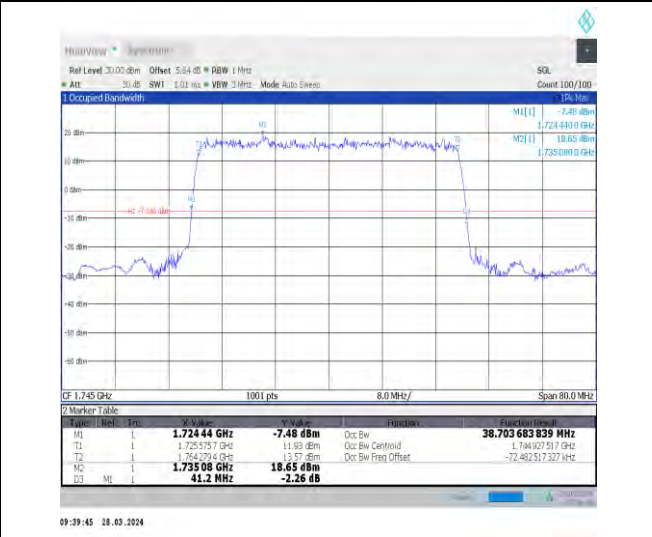
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1-28.569-29.880-≤30-PASS



1-N66-15-30-M-9-CP-256QAM-Outer_Full-160@0-Ant
1-28.543-29.700-≤30-PASS



1-N66-15-40-M-1-DFT-QPSK-Outer_Full-216@0-Ant
1-38.768-41.200-≤40-PASS



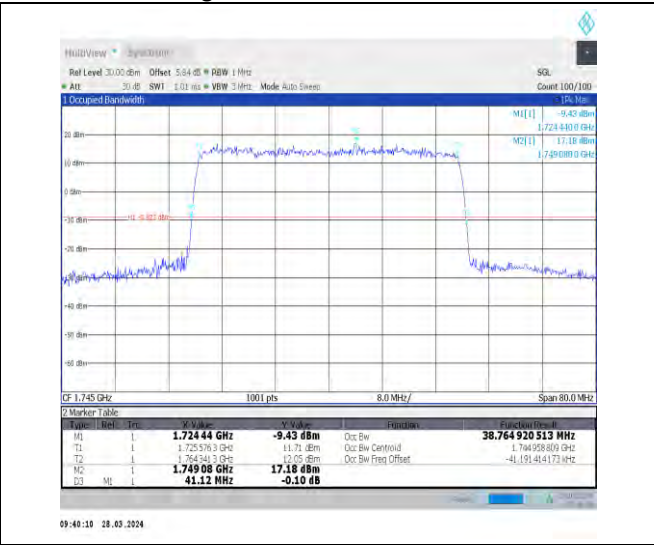
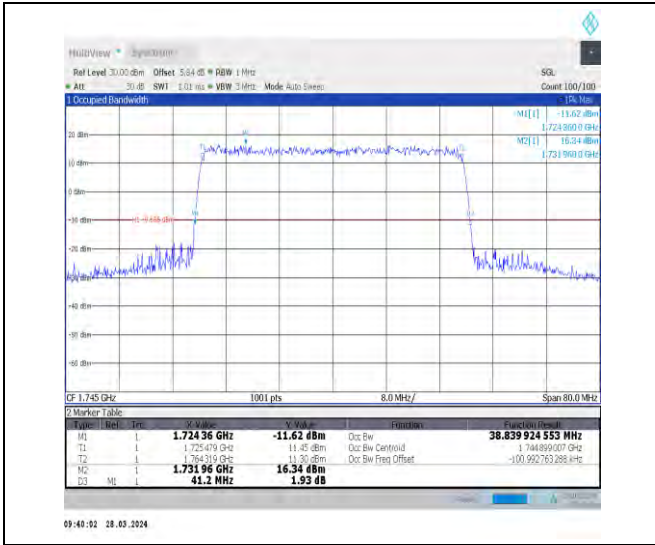
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1-38.704-41.200-≤40-PASS



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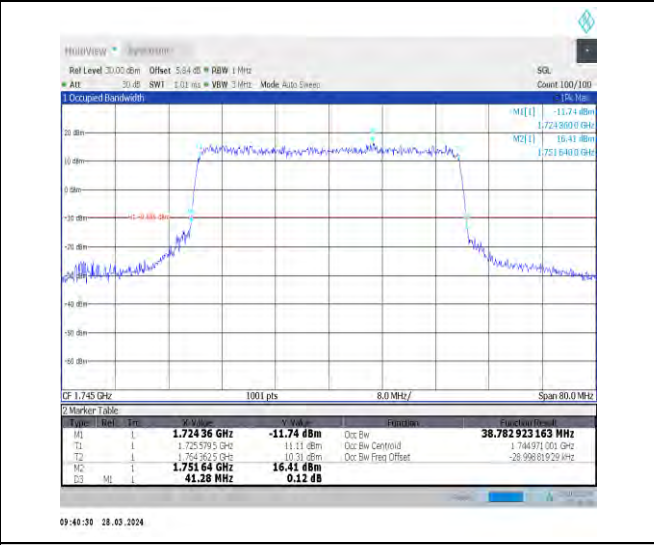
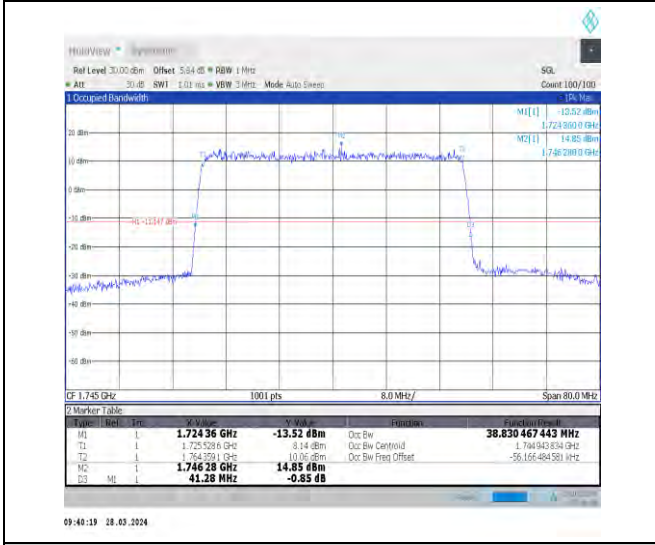
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1-N66-15-40-M-3-DFT-16QAM-Outer_Full-216@0-A
nt1-38.84-41.200-≤40-PASS

1-N66-15-40-M-4-DFT-64QAM-Outer_Full-216@0-A
nt1-38.765-41.120-≤40-PASS



1-N66-15-40-M-5-DFT-256QAM-Outer_Full-216@0-A
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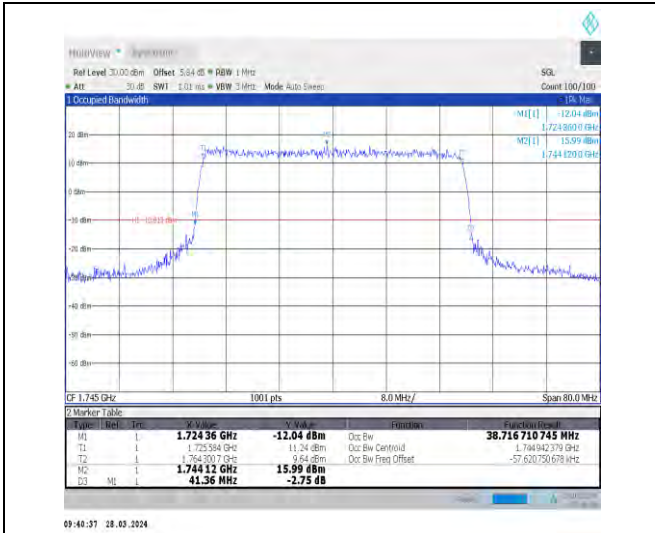
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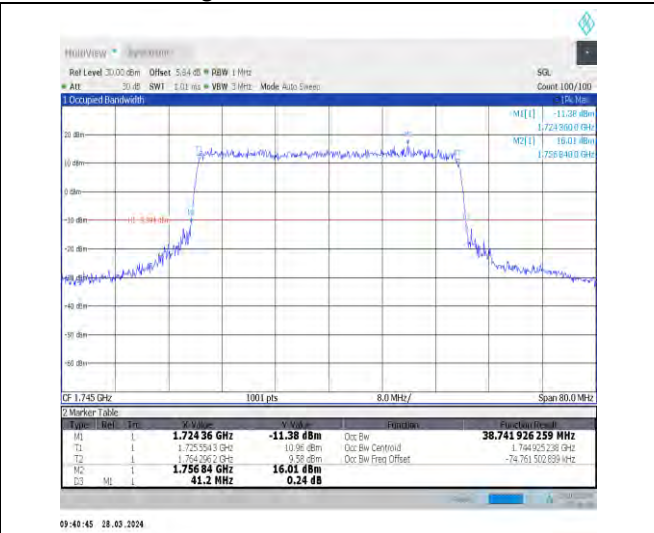
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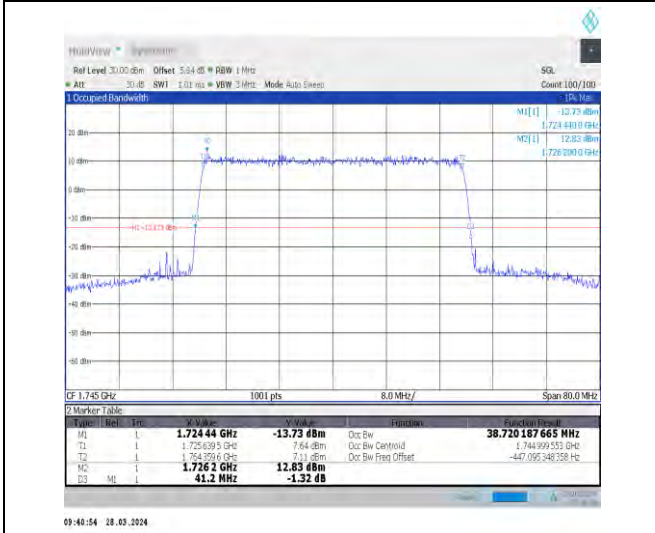
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1-N66-15-40-M-7-CP-16QAM-Outer_Full-216@0-Ant
1-38.717-41.360-≤40-PASS



1-N66-15-40-M-8-CP-64QAM-Outer_Full-216@0-Ant
1-38.742-41.200-≤40-PASS



1-N66-15-40-M-9-CP-256QAM-Outer_Full-216@0-Ant
nt1-38.72-41.200-≤40-PASS



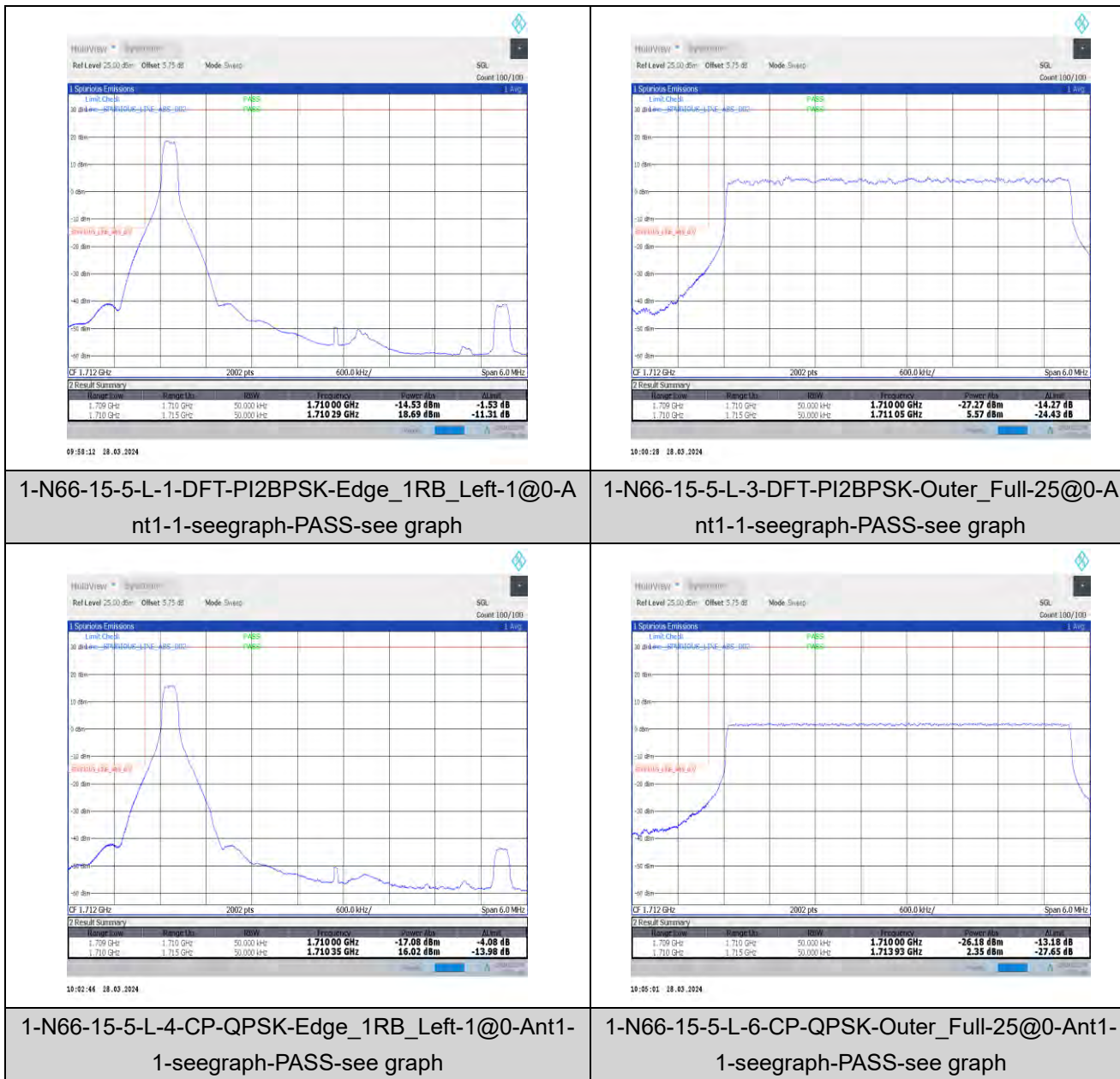
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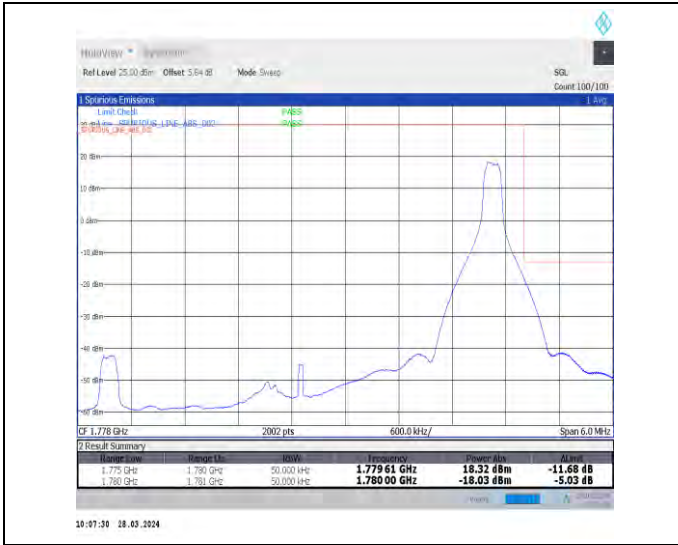
Test Graphs



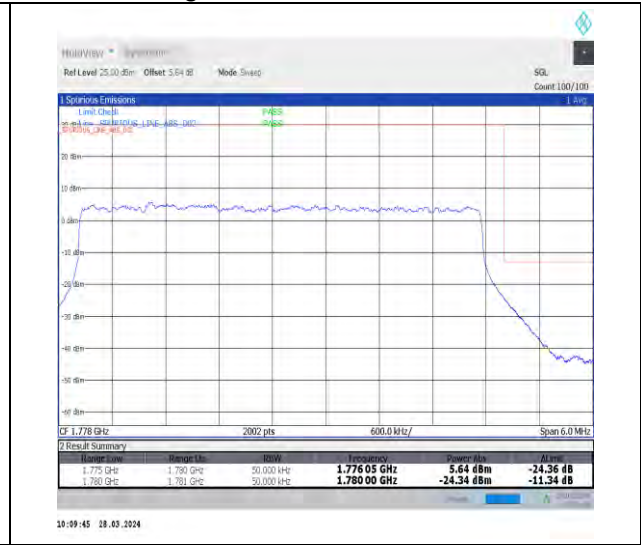
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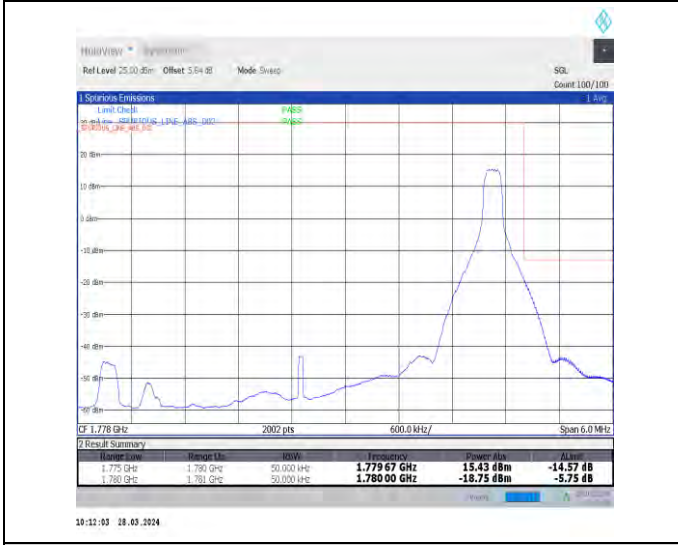
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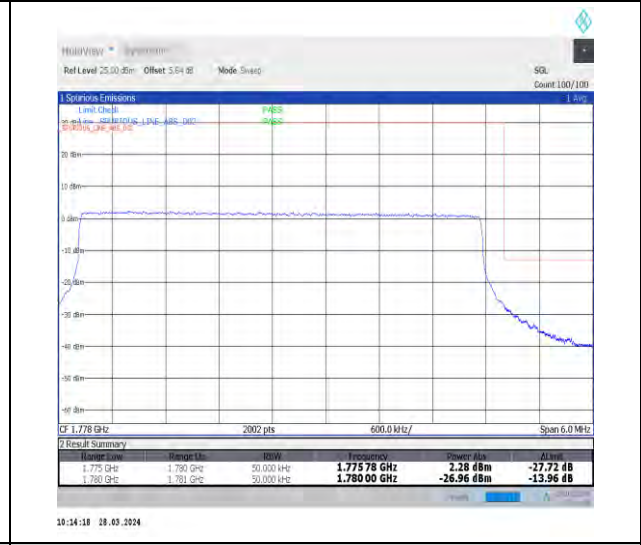
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1-N66-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant1-1-seegraph-PASS-see graph



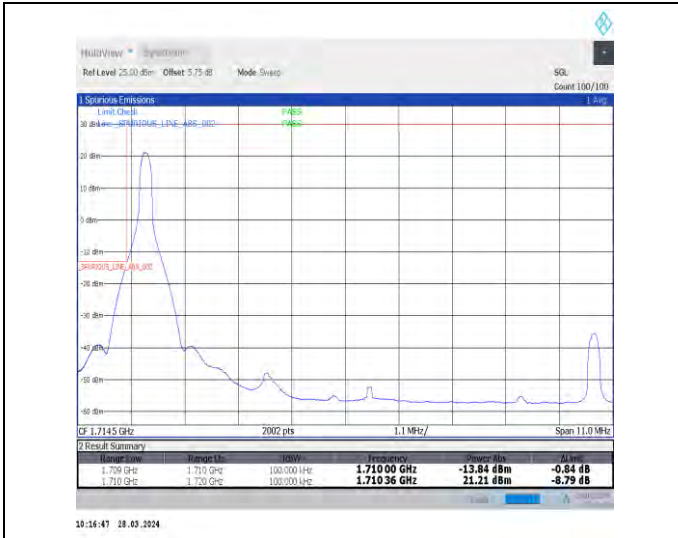
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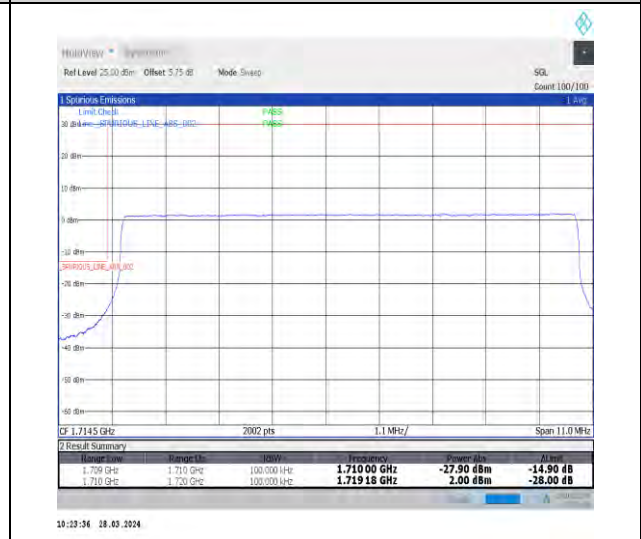
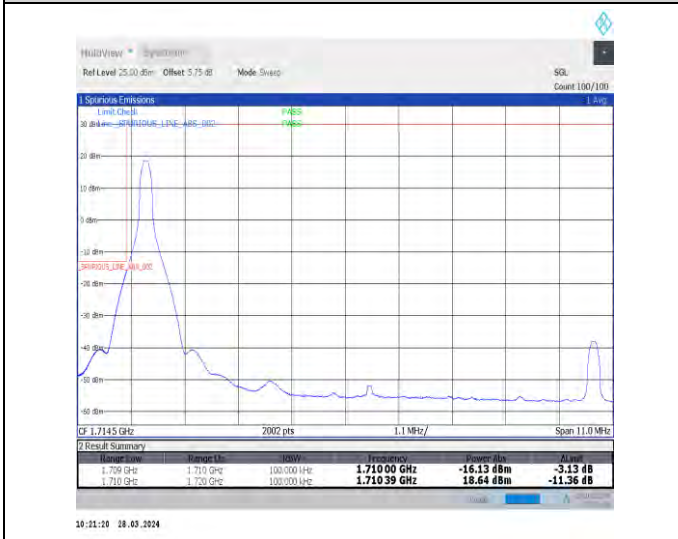
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1-N66-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

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



1-N66-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

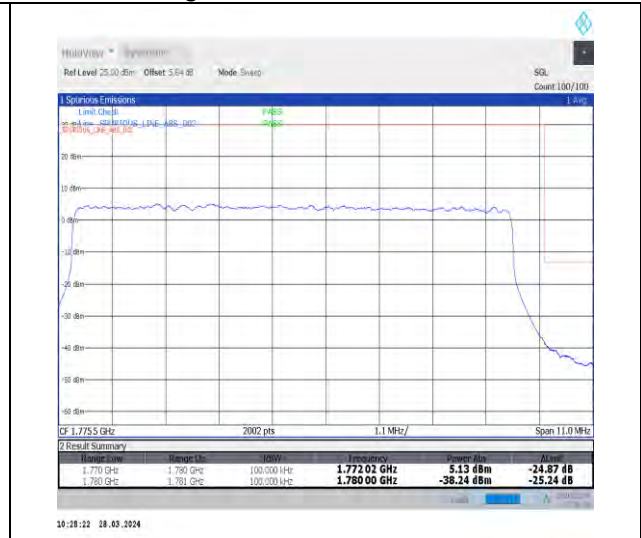
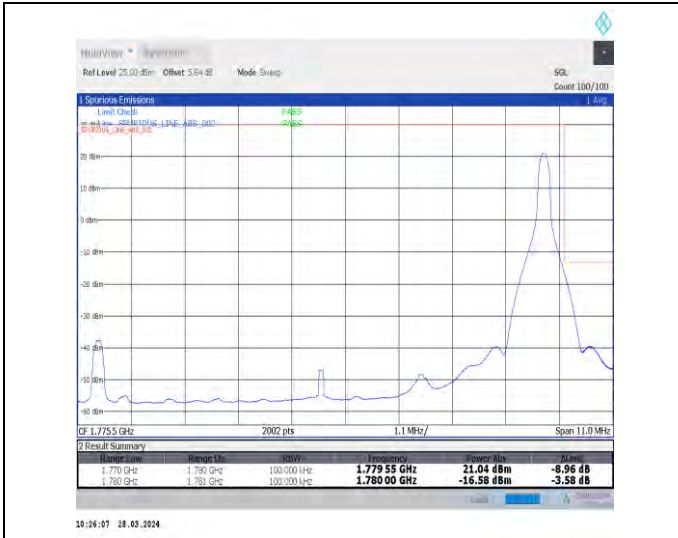
1-N66-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-1-seegraph-PASS-see graph



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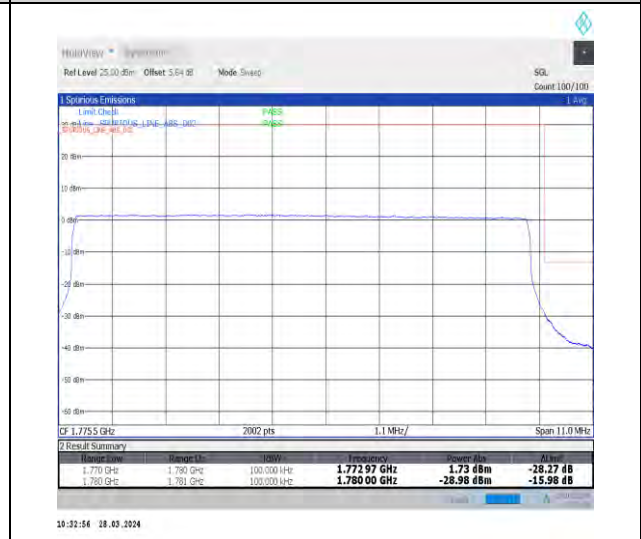
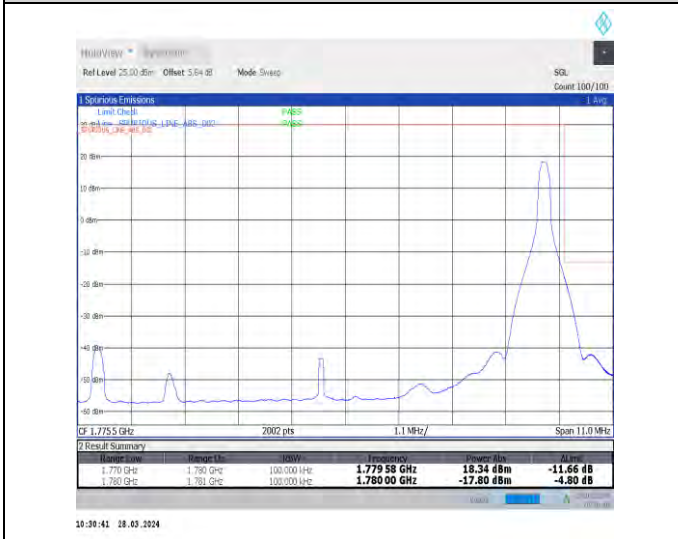
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1-N66-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant1-1-seegraph-PASS-see graph

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



1-N66-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-1-seegraph-PASS-see graph

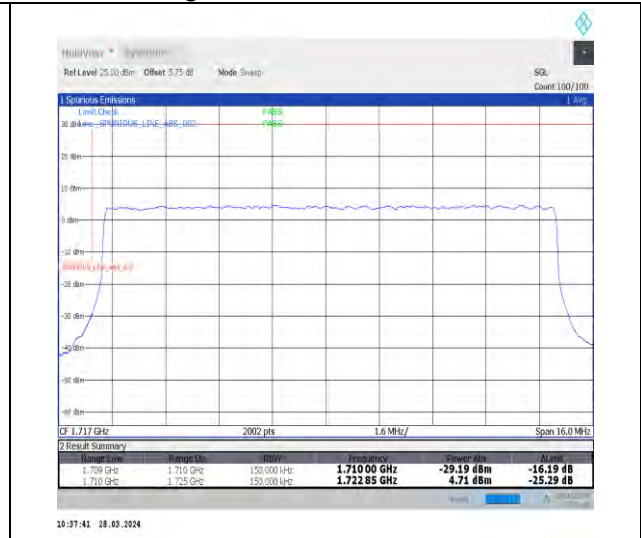
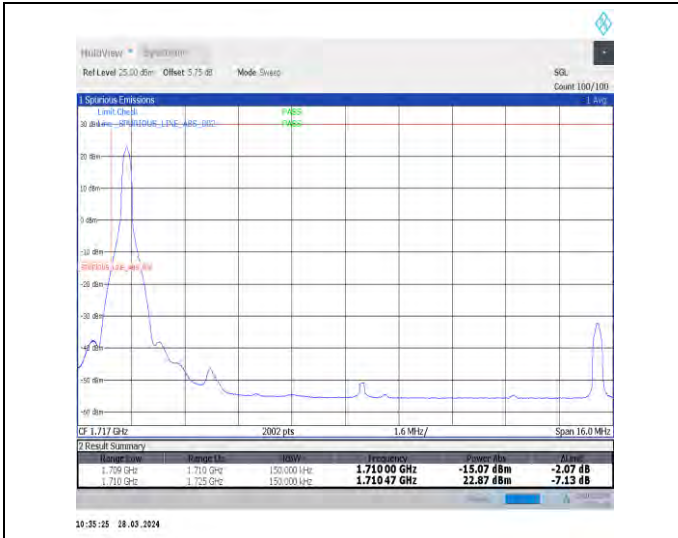
1-N66-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-1-seegraph-PASS-see graph



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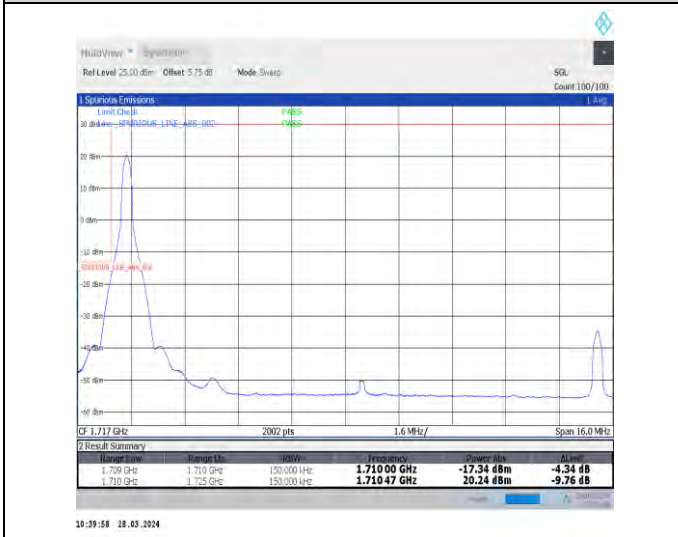
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1-N66-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-see graph-PASS-see graph

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



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

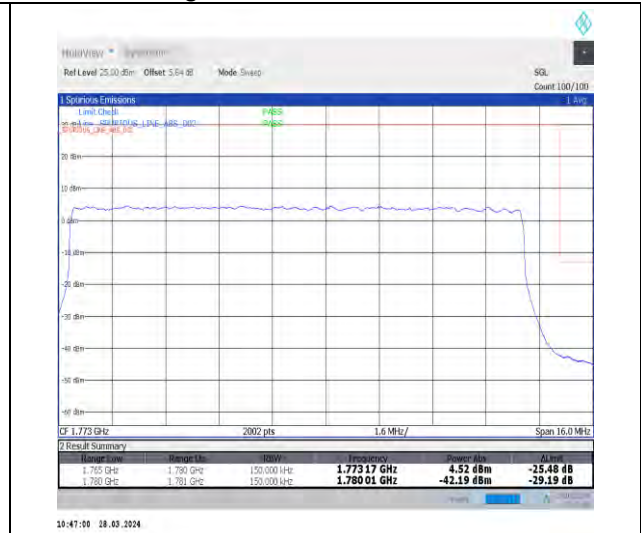
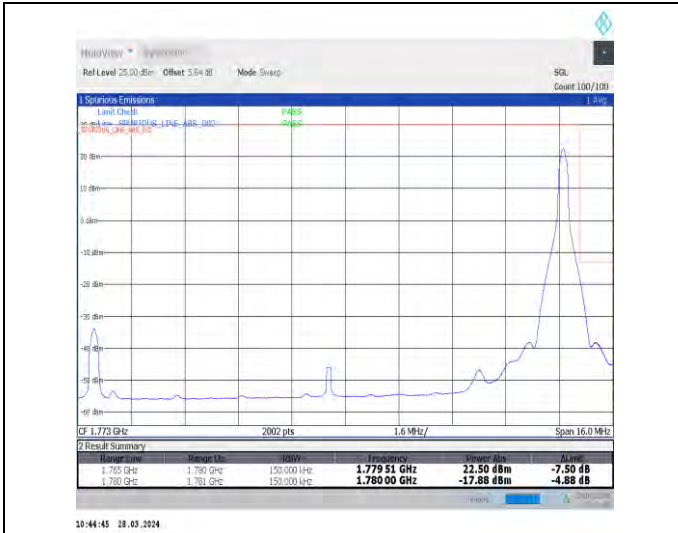
1-N66-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-1-see graph-PASS-see graph



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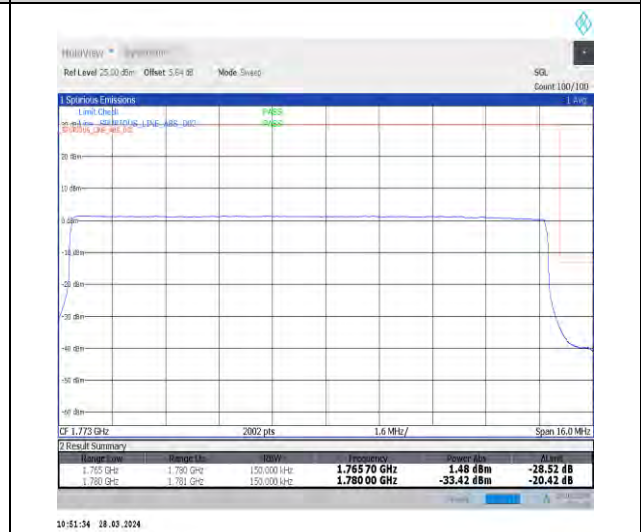
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1-N66-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@78-Ant1-1-seegraph-PASS-see graph

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



1-N66-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant1-1-seegraph-PASS-see graph

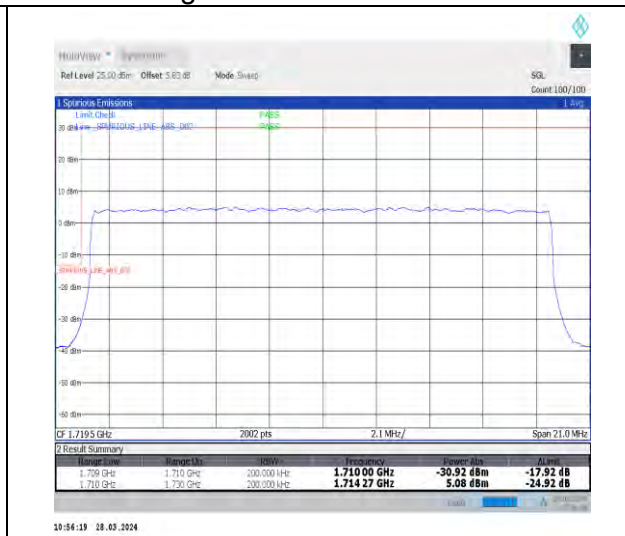
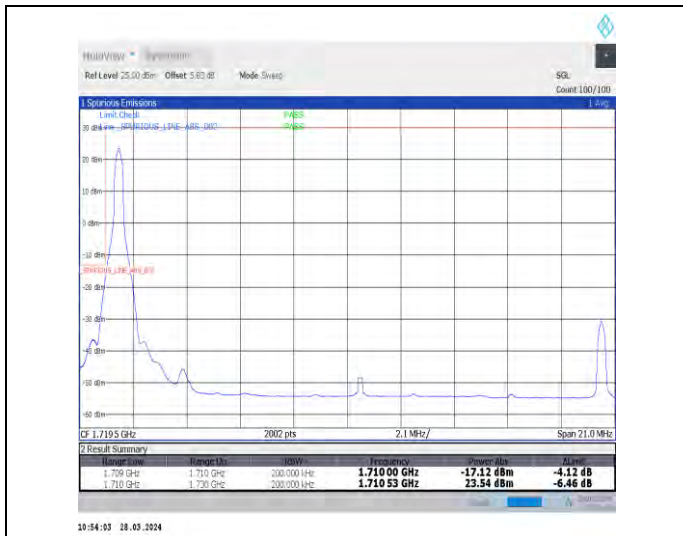
1-N66-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-1-seegraph-PASS-see graph



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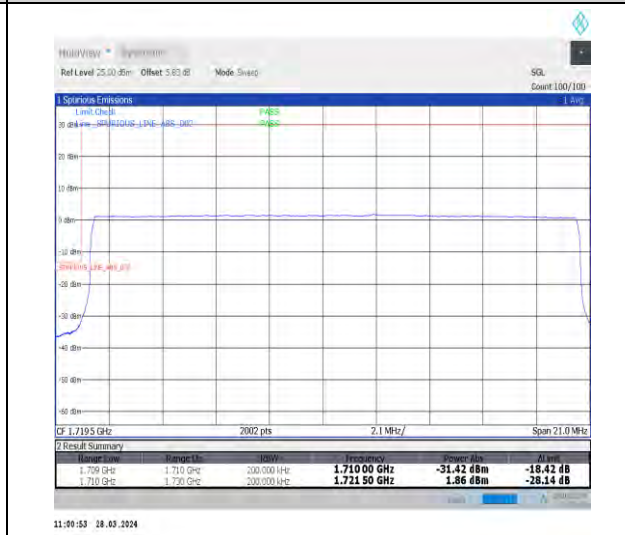
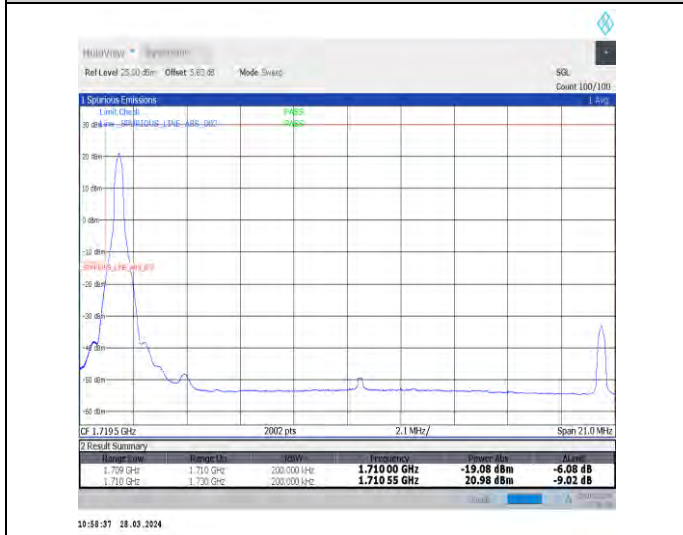
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1-N66-15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N66-15-20-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

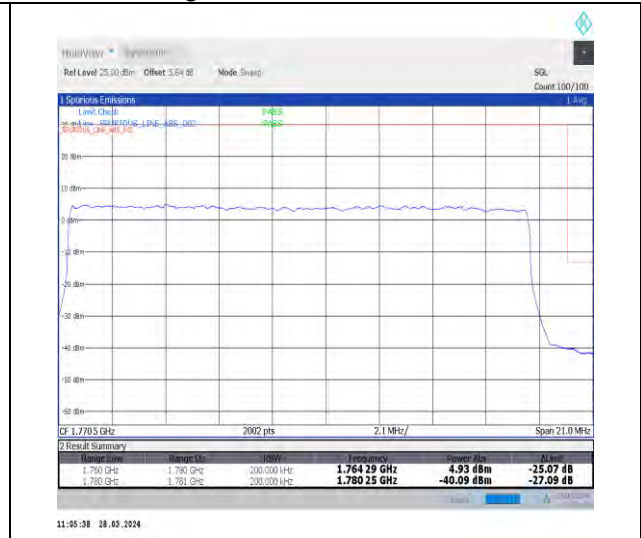
1-N66-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-1-seegraph-PASS-see graph



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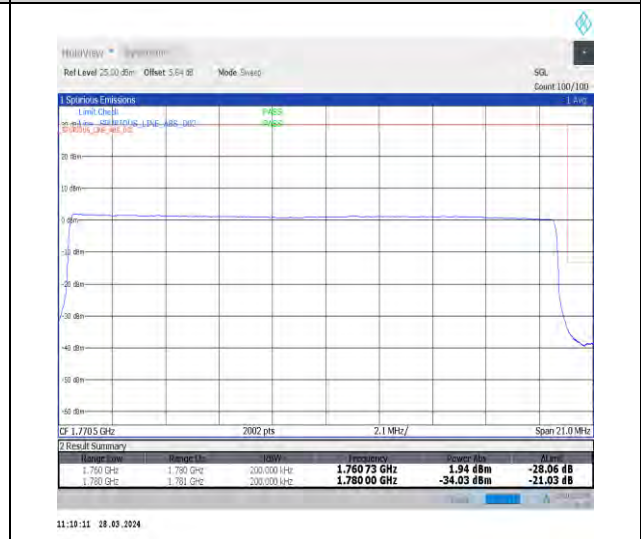
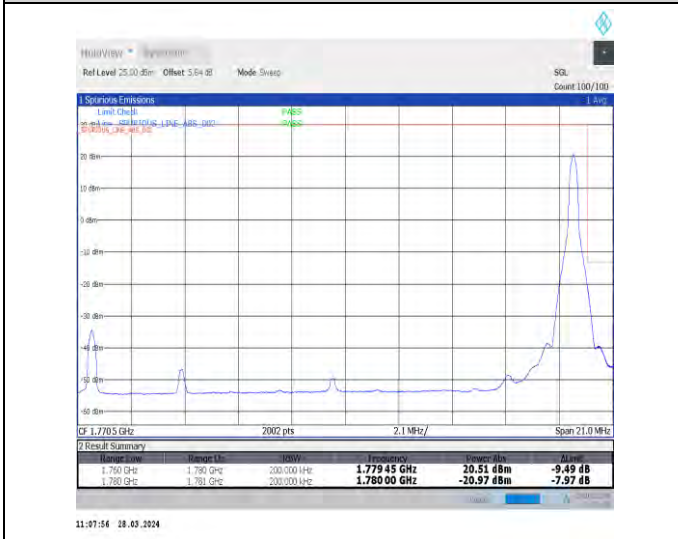
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1-N66-15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant1-1-seegraph-PASS-see graph

1-N66-15-20-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-1-seegraph-PASS-see graph

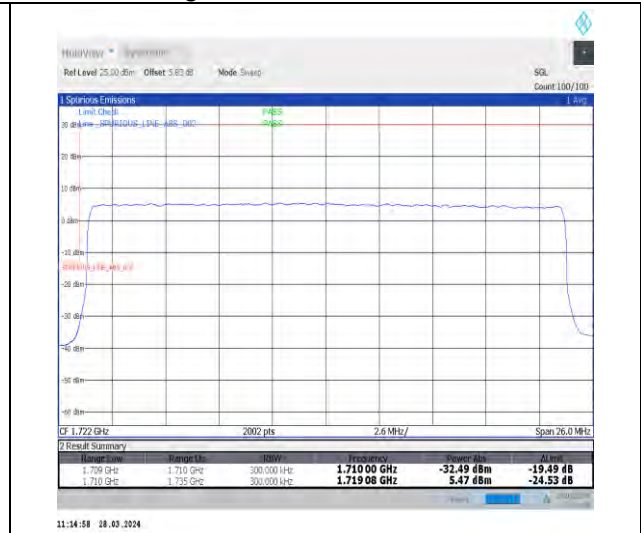
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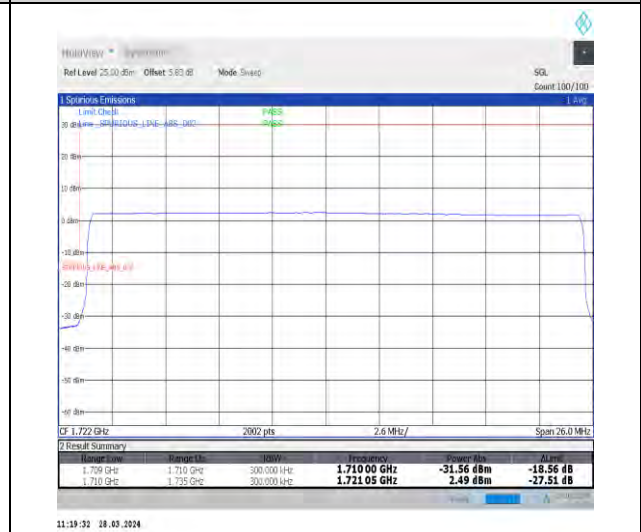
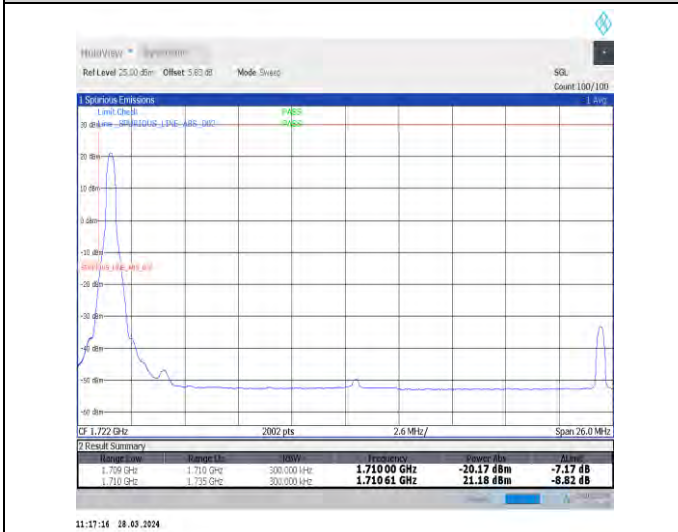
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1-N66-15-25-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N66-15-25-L-3-DFT-PI2BPSK-Outer_Full-128@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-25-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

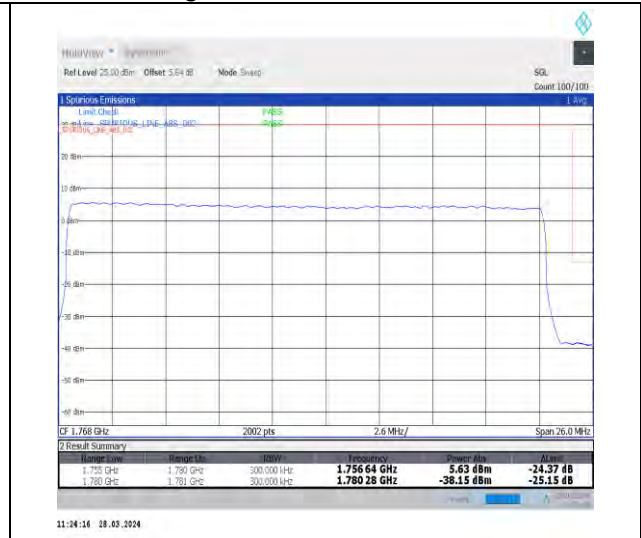
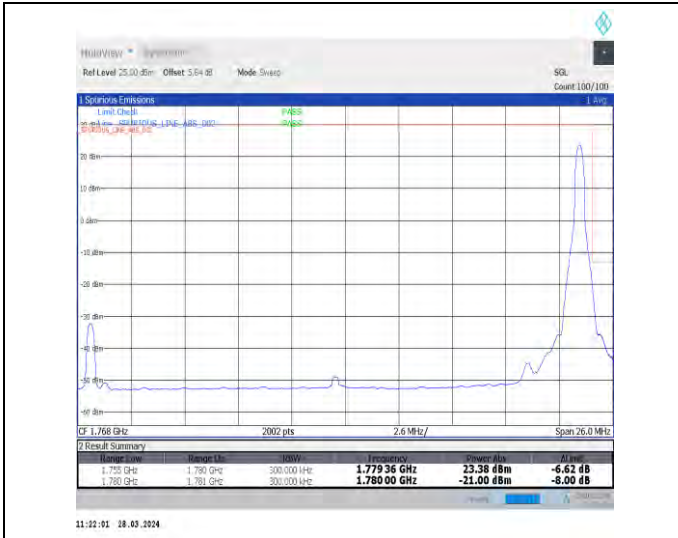
1-N66-15-25-L-6-CP-QPSK-Outer_Full-133@0-Ant1-1-seegraph-PASS-see graph



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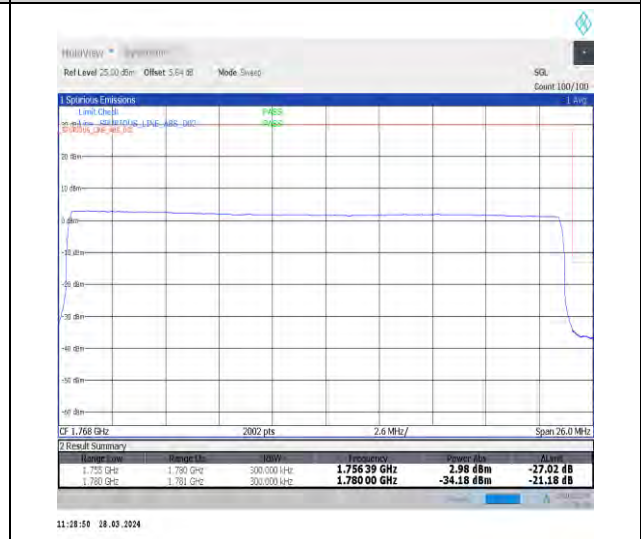
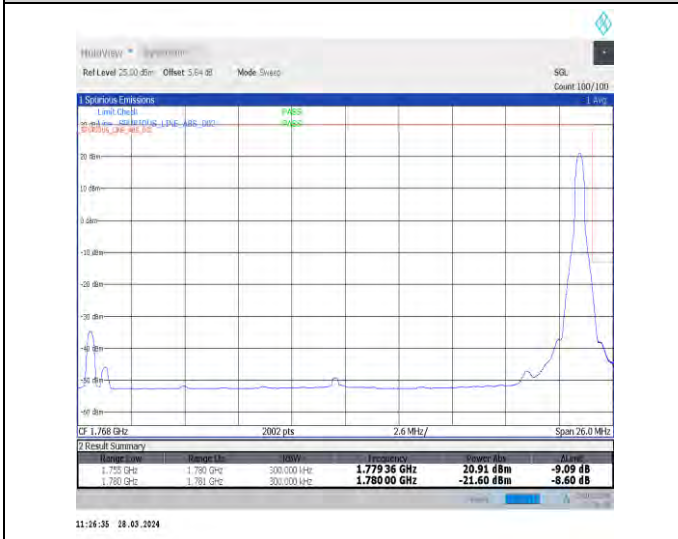
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1-N66-15-25-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@132-Ant1-1-seegraph-PASS-see graph

1-N66-15-25-H-3-DFT-PI2BPSK-Outer_Full-128@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-25-H-5-CP-QPSK-Edge_1RB_Right-1@132-Ant1-1-seegraph-PASS-see graph

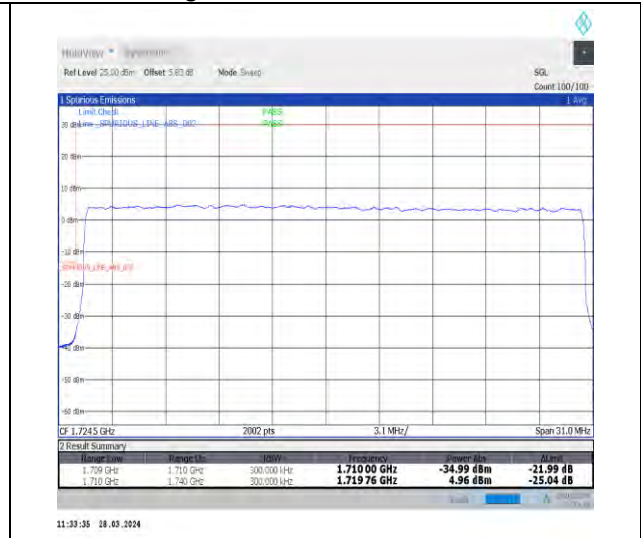
1-N66-15-25-H-6-CP-QPSK-Outer_Full-133@0-Ant1-1-seegraph-PASS-see graph



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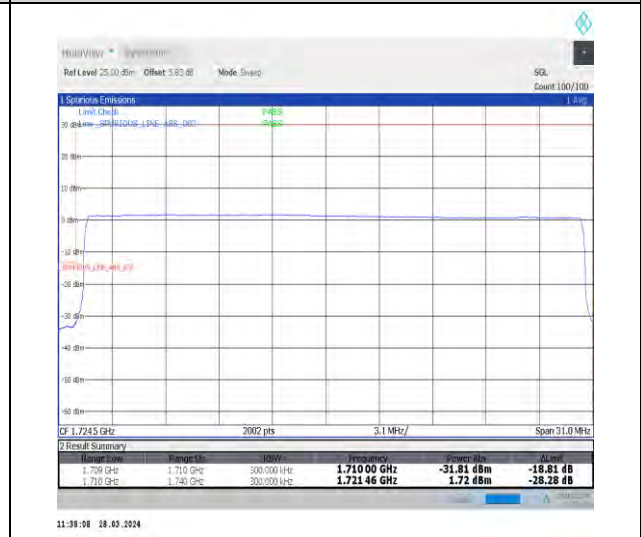
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1-N66-15-30-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N66-15-30-L-3-DFT-PI2BPSK-Outer_Full-160@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N66-15-30-L-6-CP-QPSK-Outer_Full-160@0-Ant1-1-seegraph-PASS-see graph



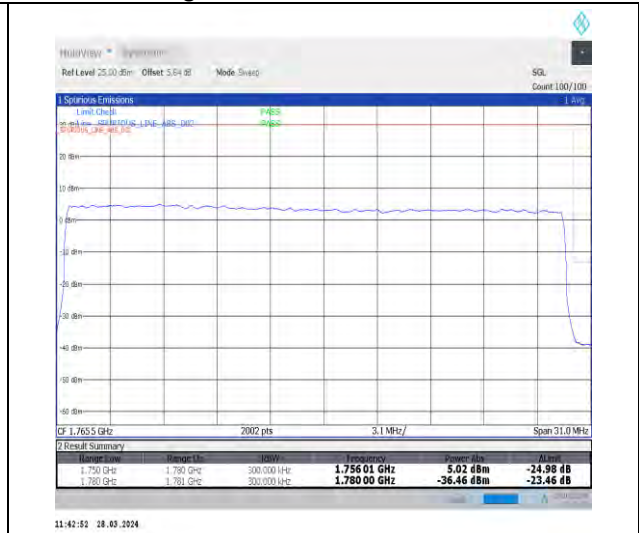
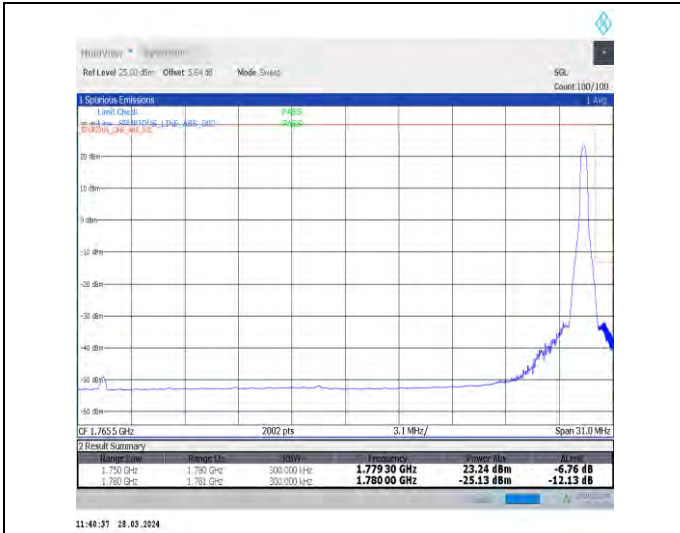
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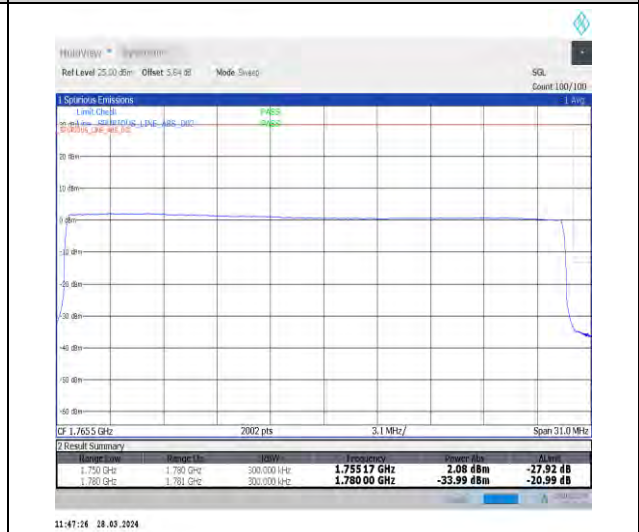
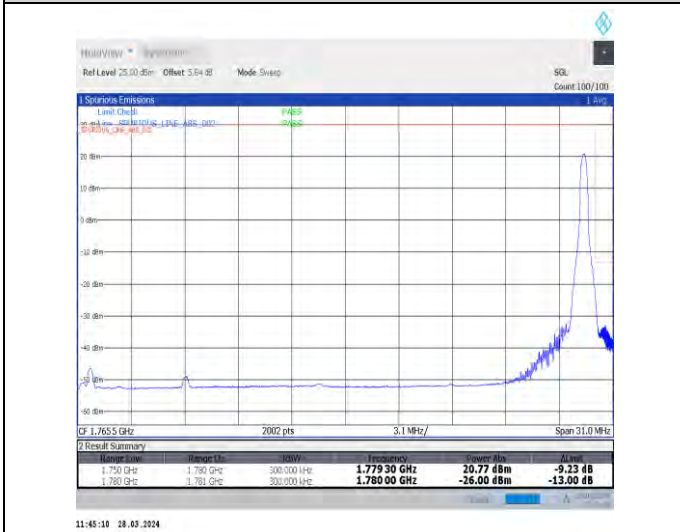
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1-N66-15-30-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@159-Ant1-1-seegraph-PASS-see graph

1-N66-15-30-H-3-DFT-PI2BPSK-Outer_Full-160@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-30-H-5-CP-QPSK-Edge_1RB_Right-1@159-Ant1-1-seegraph-PASS-see graph

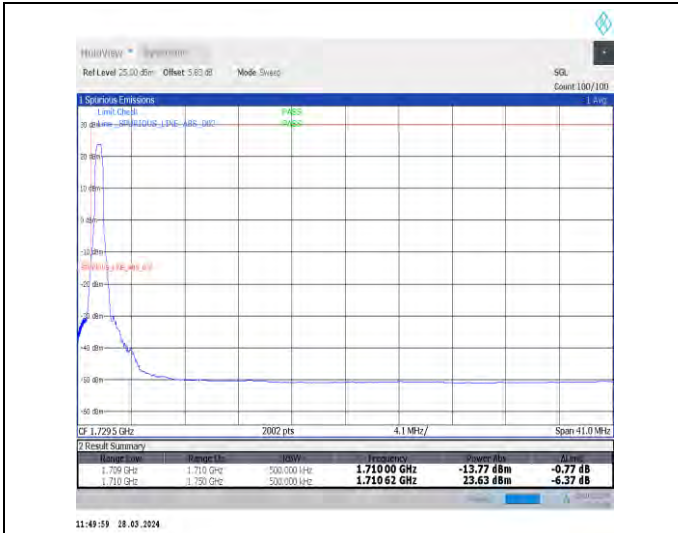
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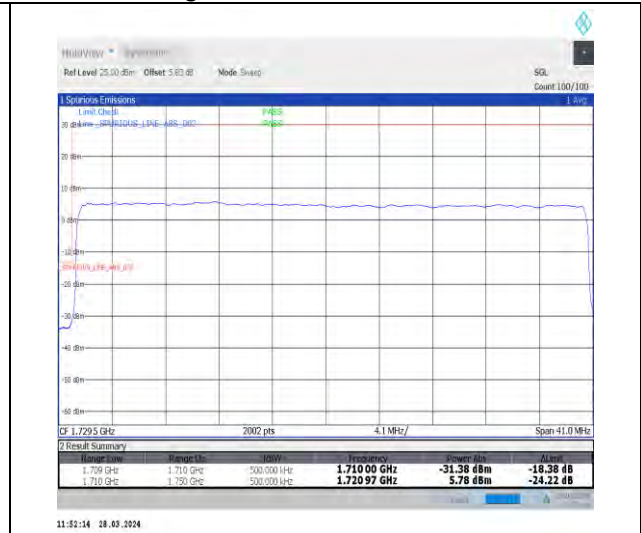
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1-N66-15-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-40-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph



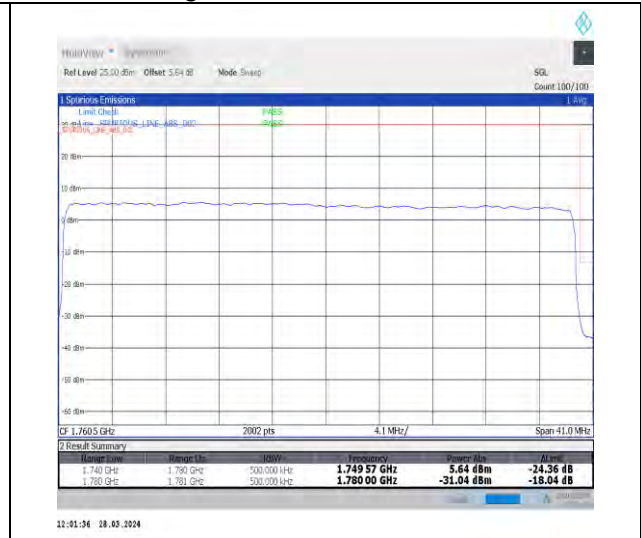
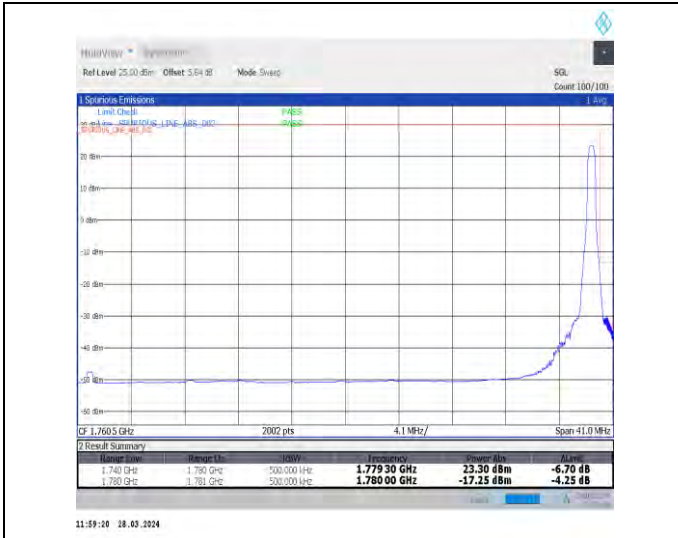
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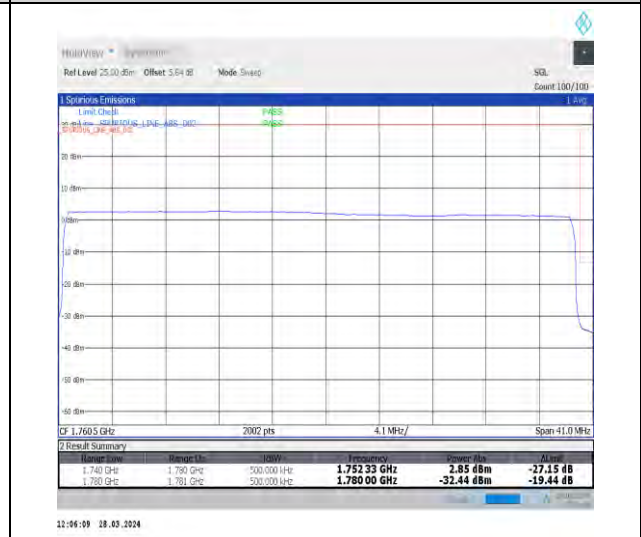
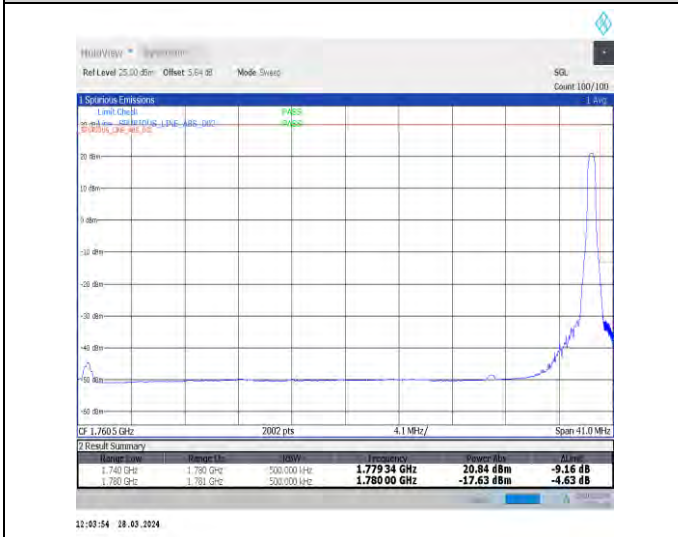
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1-N66-15-40-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@215-Ant1-1-seegraph-PASS-see graph

1-N66-15-40-H-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-40-H-5-CP-QPSK-Edge_1RB_Right-1@215-Ant1-1-seegraph-PASS-see graph

1-N66-15-40-H-6-CP-QPSK-Outer_Full-216@0-Ant1-1-seegraph-PASS-see graph



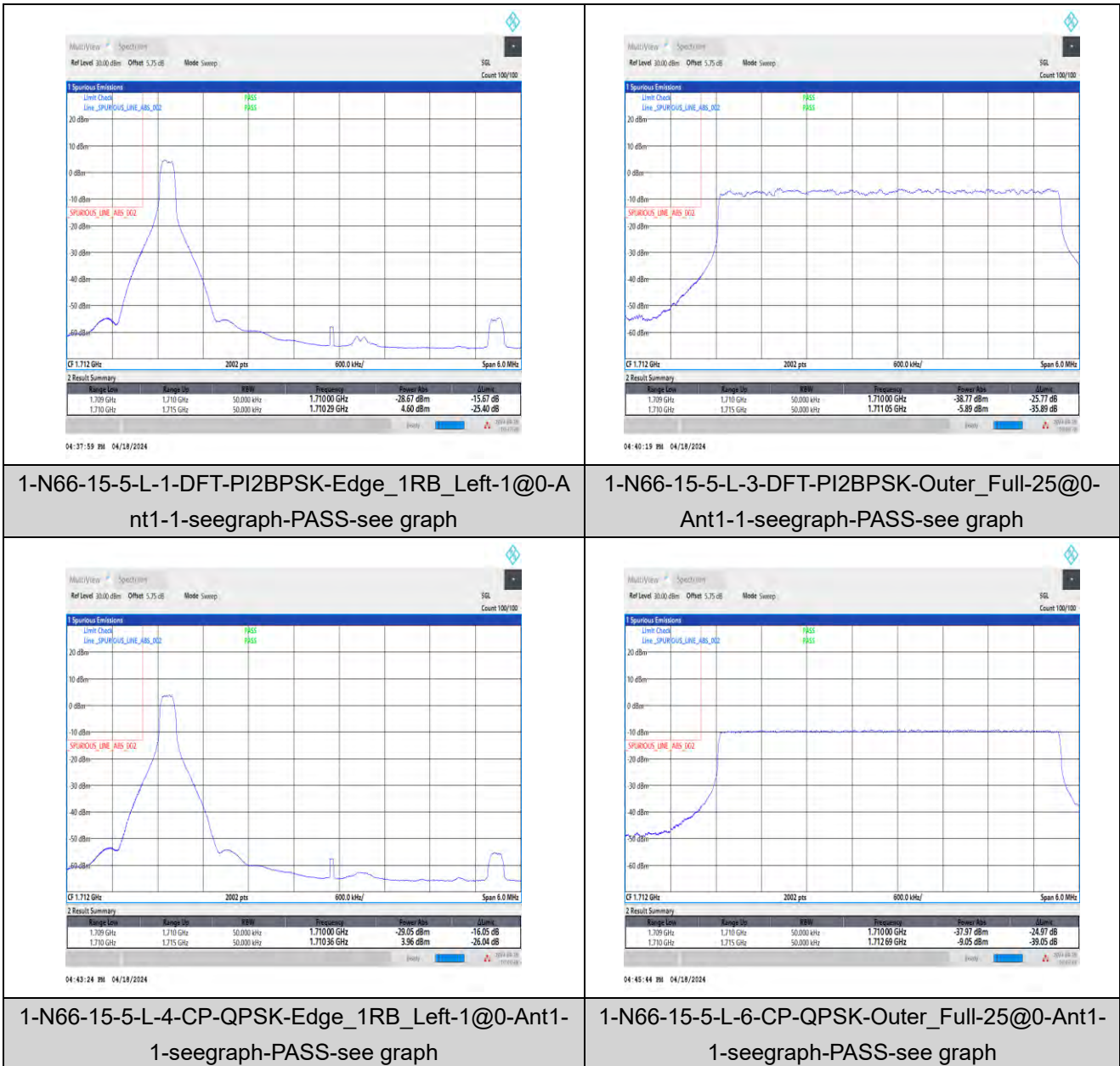
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Band Edge for MIMO ANT1

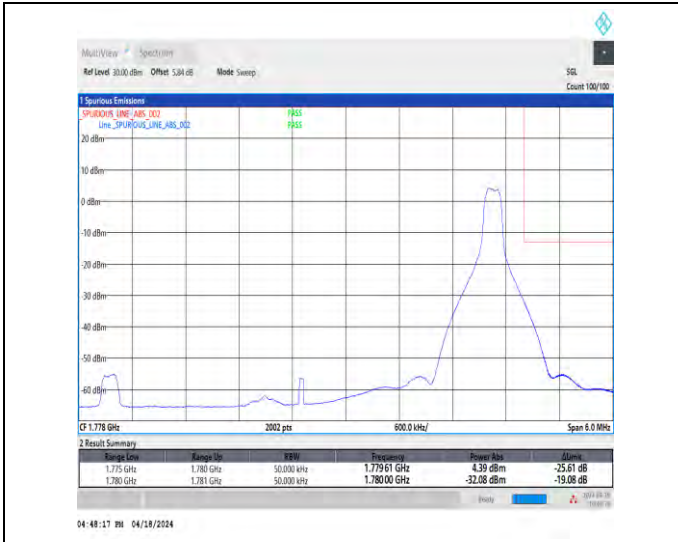
Test Graphs



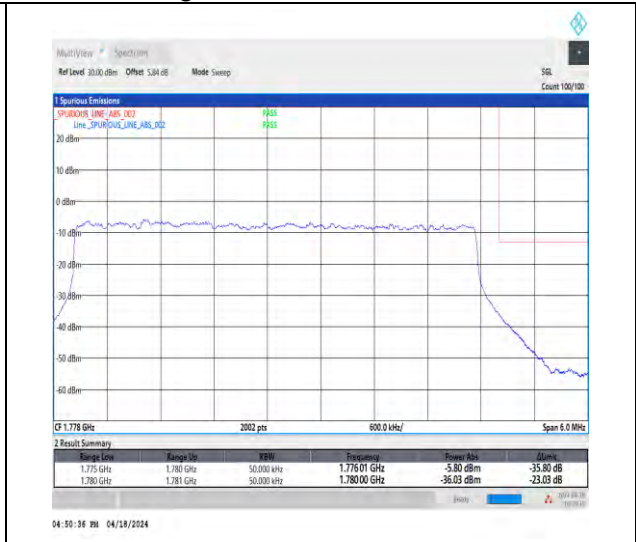
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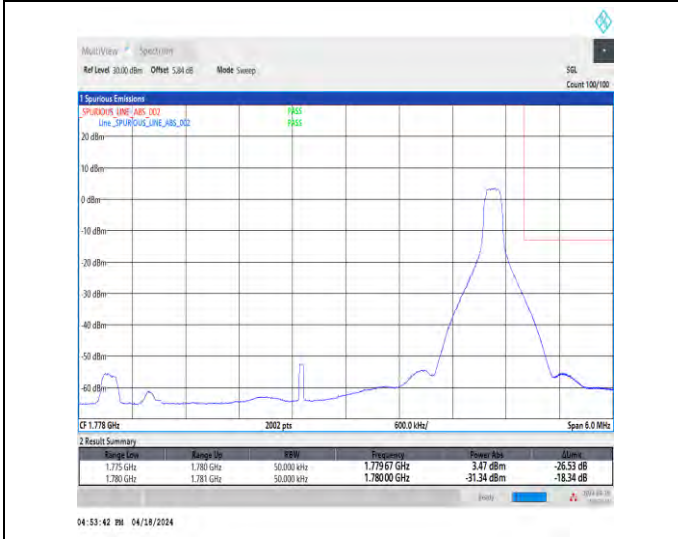
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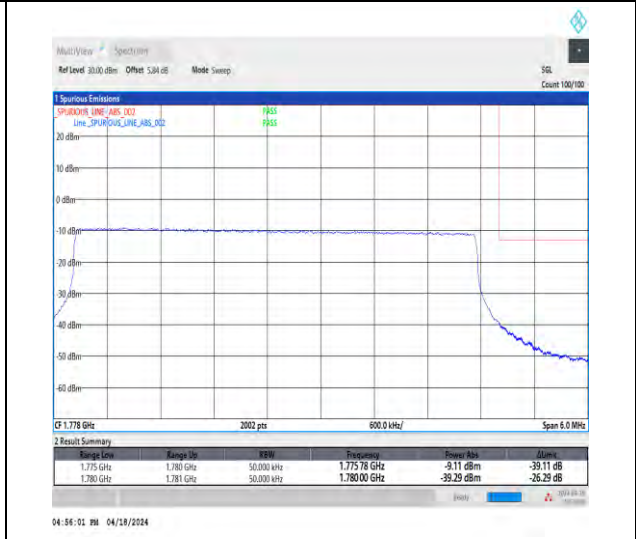
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1-N66-15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant1-1-seegraph-PASS-see graph



1-N66-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-1-seegraph-PASS-see graph



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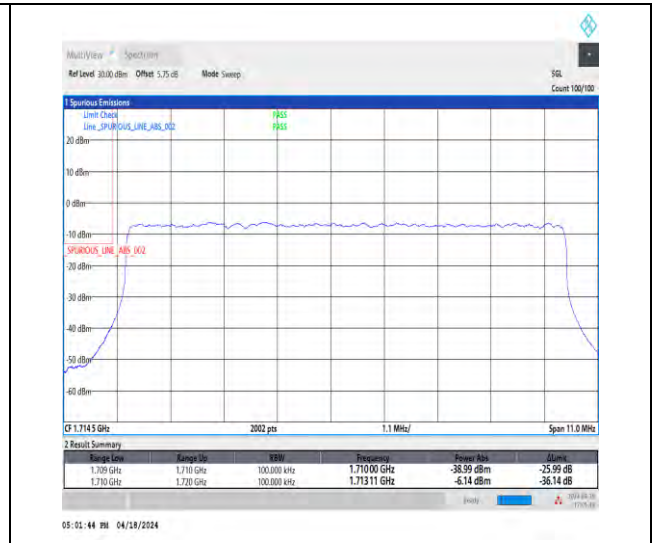
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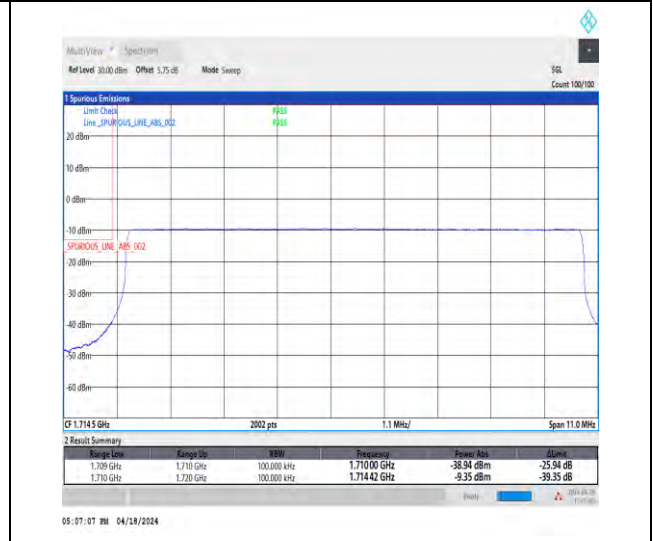
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-Ant1-1-seegraph-PASS-see graph



1-N66-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-
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1-N66-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant
1-1-seegraph-PASS-see graph



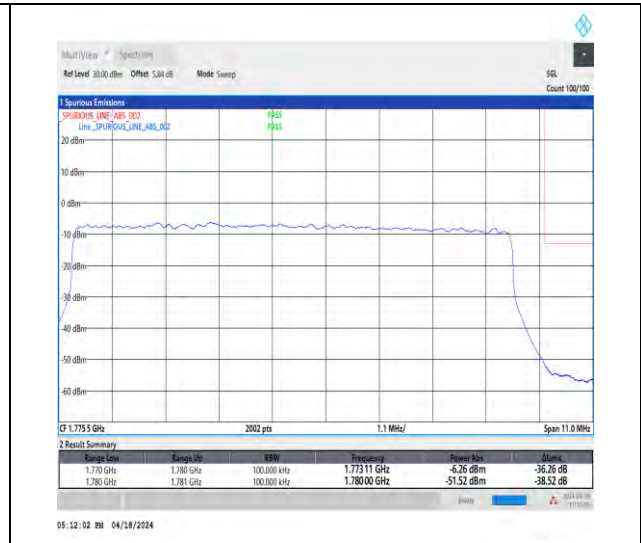
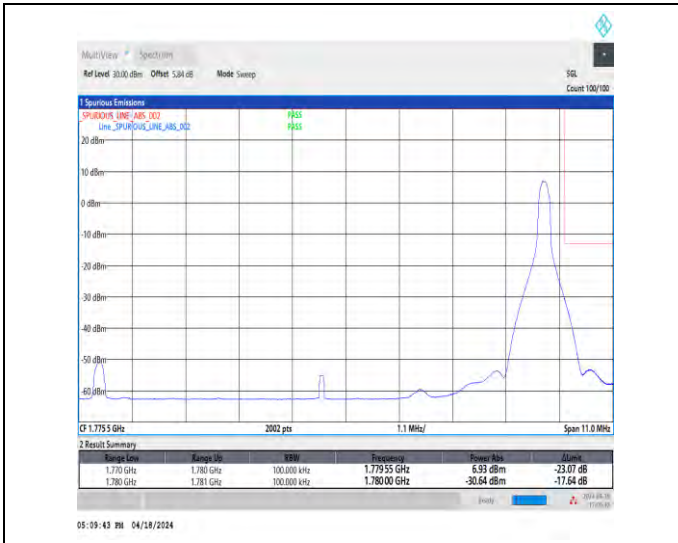
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-1-seegraph-PASS-see graph



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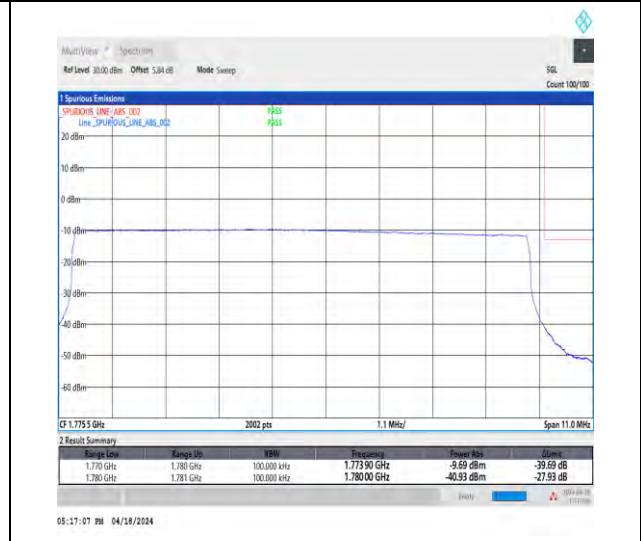
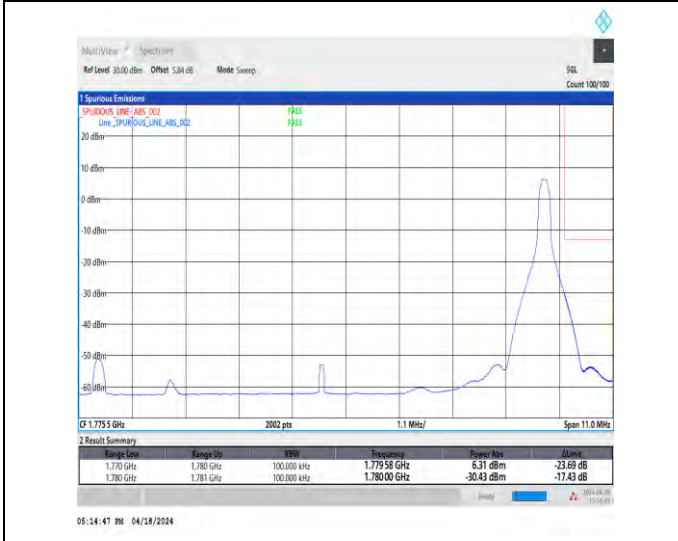
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1-N66-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant1-1-seegraph-PASS-see graph

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



1-N66-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-1-seegraph-PASS-see graph

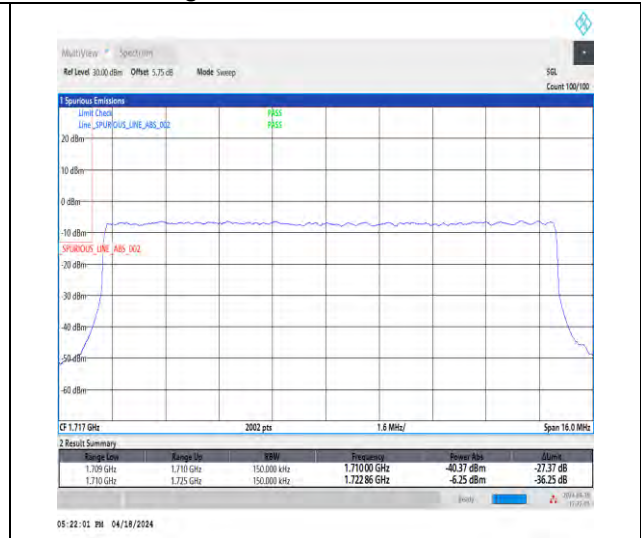
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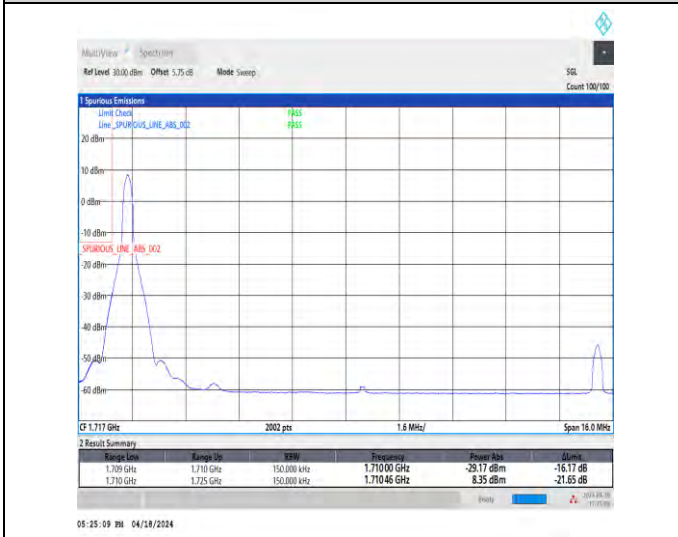
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1-N66-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

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

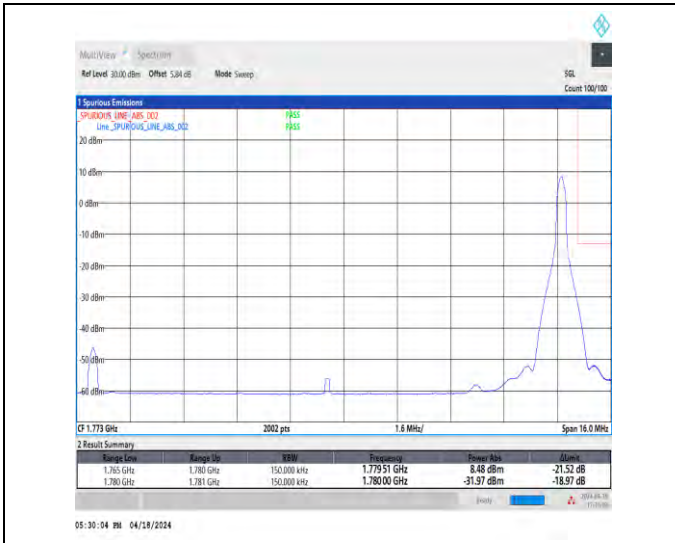


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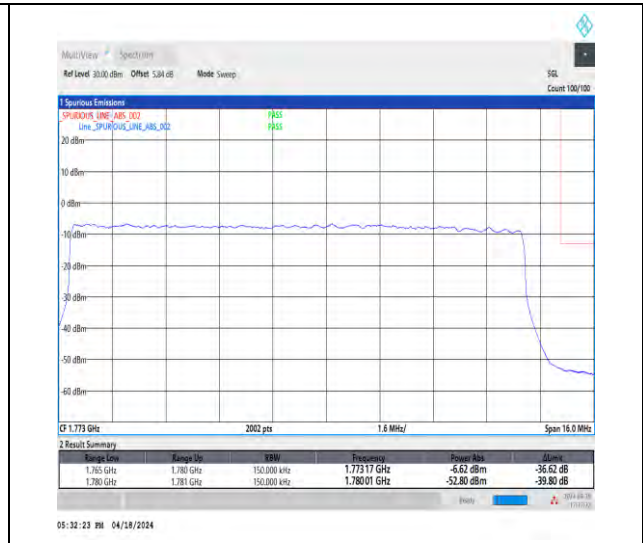
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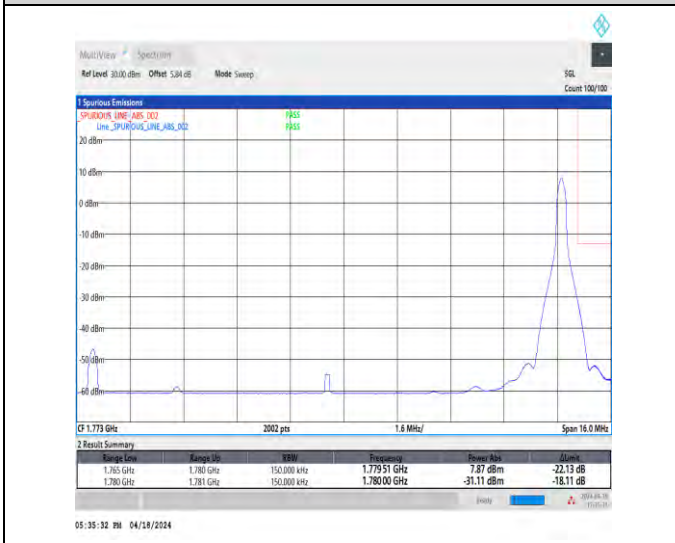
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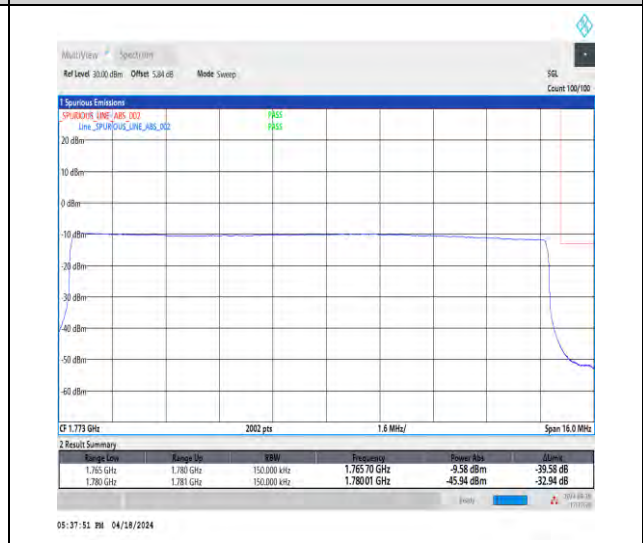
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1-N66-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant1-1-seegraph-PASS-see graph



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



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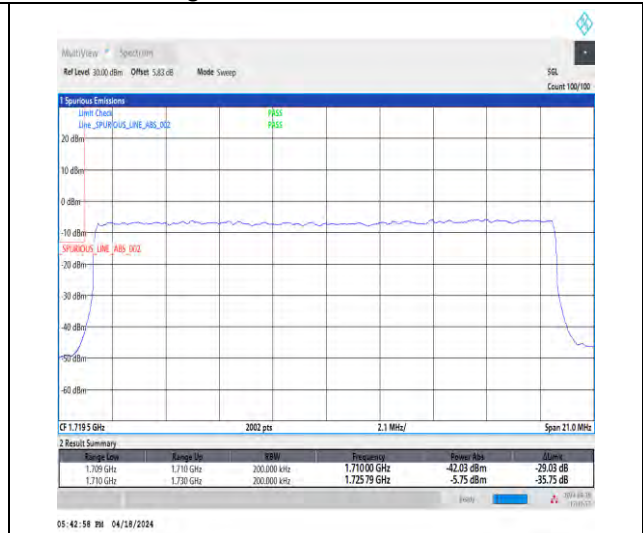
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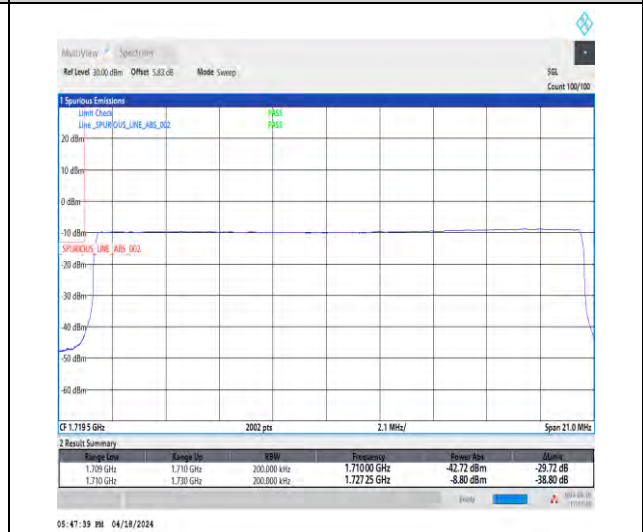
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1-N66-15-20-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph



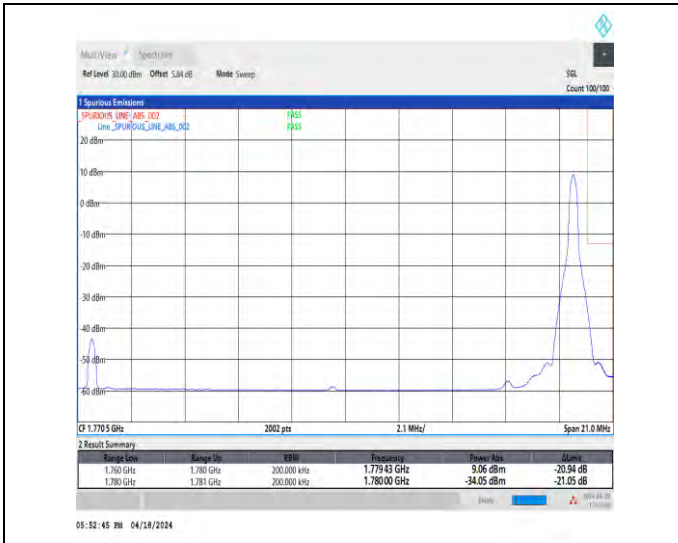
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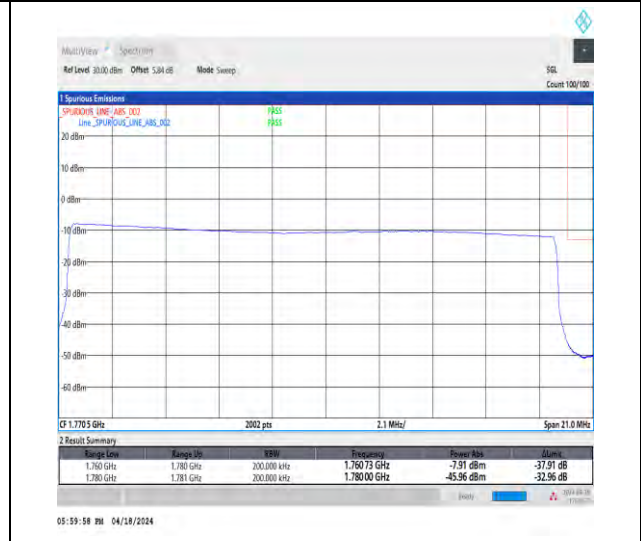
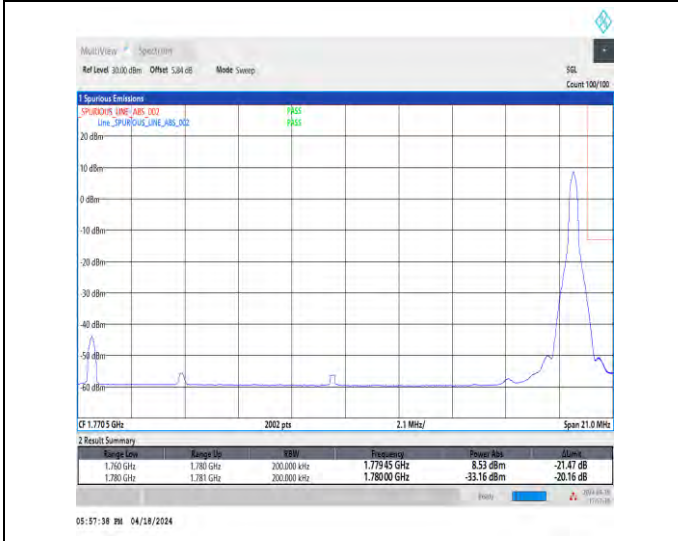
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1-N66-15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant1-1-seegraph-PASS-see graph

1-N66-15-20-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-1-seegraph-PASS-see graph

1-N66-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-1-seegraph-PASS-see graph



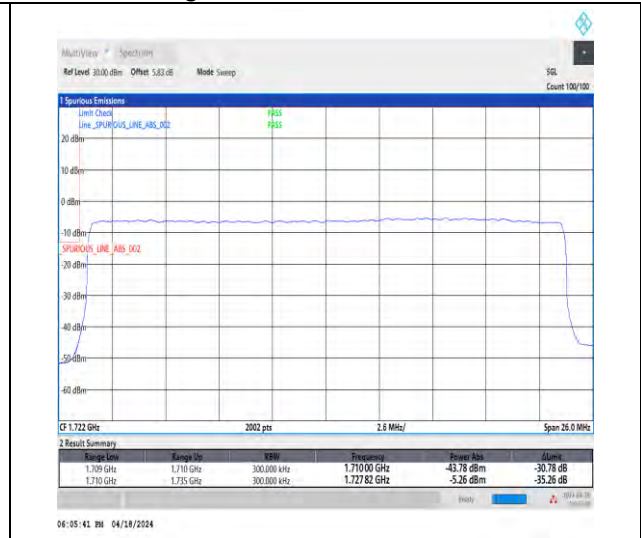
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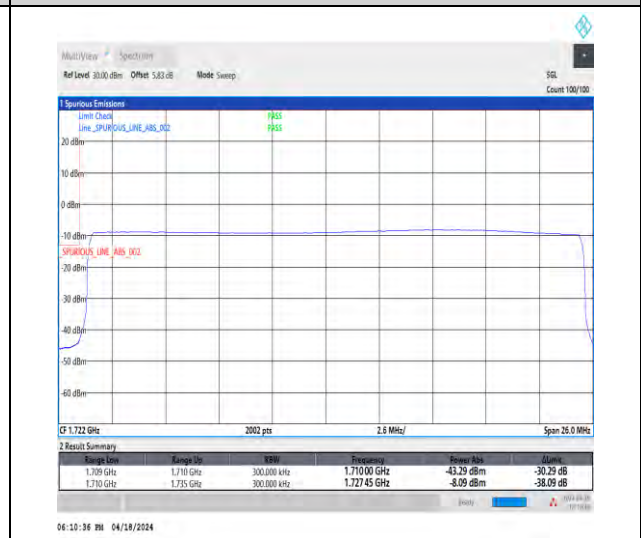
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1-N66-15-25-L-3-DFT-PI2BPSK-Outer_Full-128@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-25-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-25-L-6-CP-QPSK-Outer_Full-133@0-Ant1-1-seegraph-PASS-see graph



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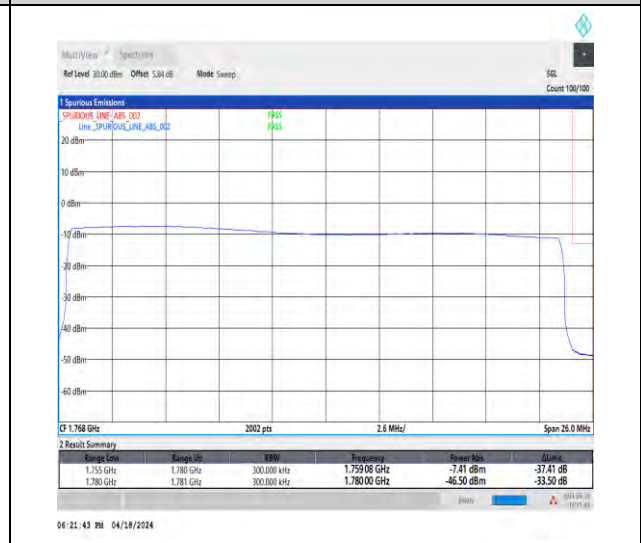
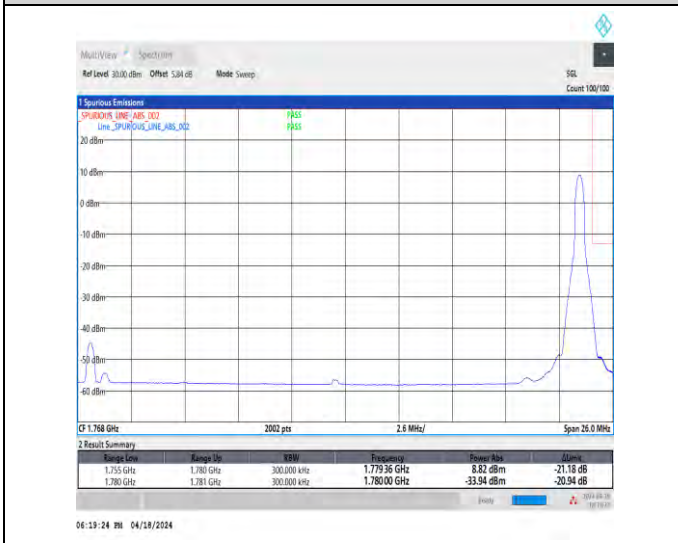
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1-N66-15-25-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@132-Ant1-1-seegraph-PASS-see graph

1-N66-15-25-H-3-DFT-PI2BPSK-Outer_Full-128@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-25-H-5-CP-QPSK-Edge_1RB_Right-1@132-Ant1-1-seegraph-PASS-see graph

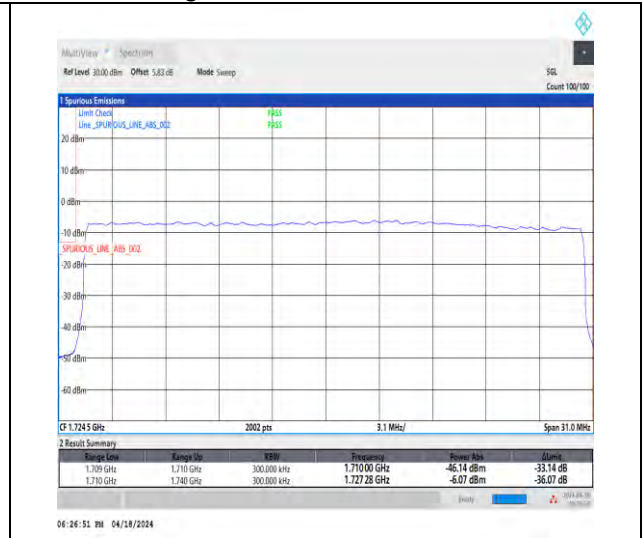
1-N66-15-25-H-6-CP-QPSK-Outer_Full-133@0-Ant1-1-seegraph-PASS-see graph



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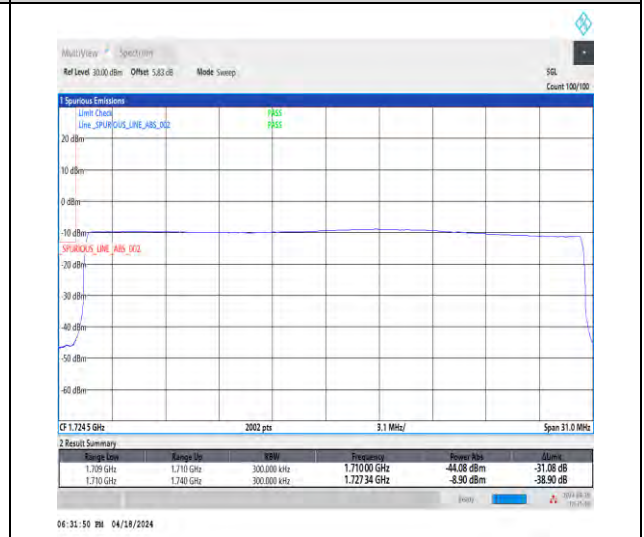
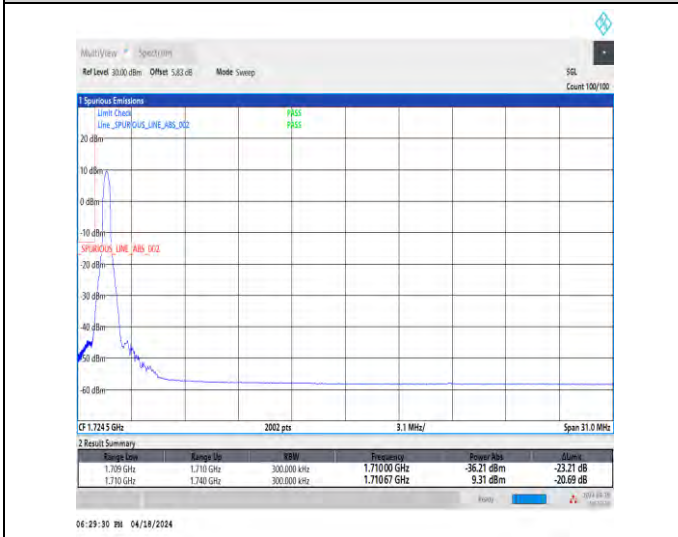
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1-N66-15-30-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N66-15-30-L-3-DFT-PI2BPSK-Outer_Full-160@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

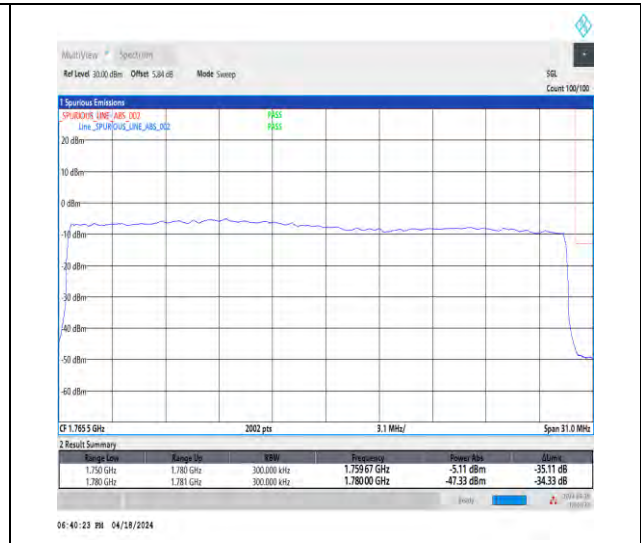
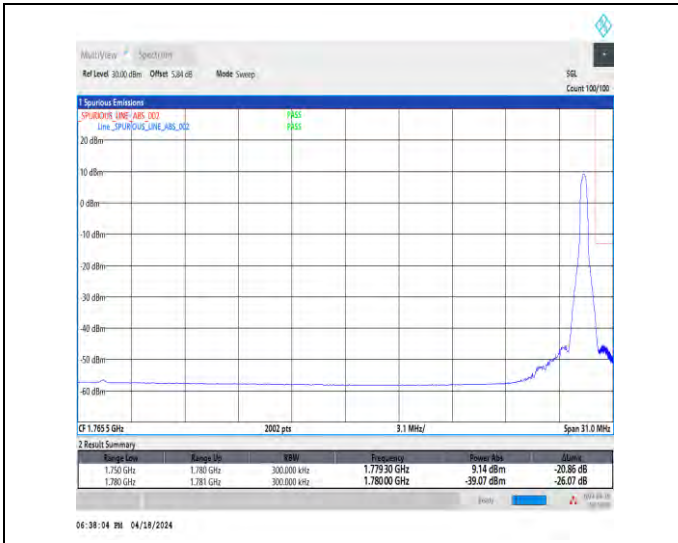
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1-N66-15-30-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@159-Ant1-1-seegraph-PASS-see graph

1-N66-15-30-H-3-DFT-PI2BPSK-Outer_Full-160@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-30-H-5-CP-QPSK-Edge_1RB_Right-1@159-Ant1-1-seegraph-PASS-see graph

1-N66-15-30-H-6-CP-QPSK-Outer_Full-160@0-Ant1-1-seegraph-PASS-see graph



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1-N66-15-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-40-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-40-L-6-CP-QPSK-Outer_Full-216@0-Ant1-1-seegraph-PASS-see graph

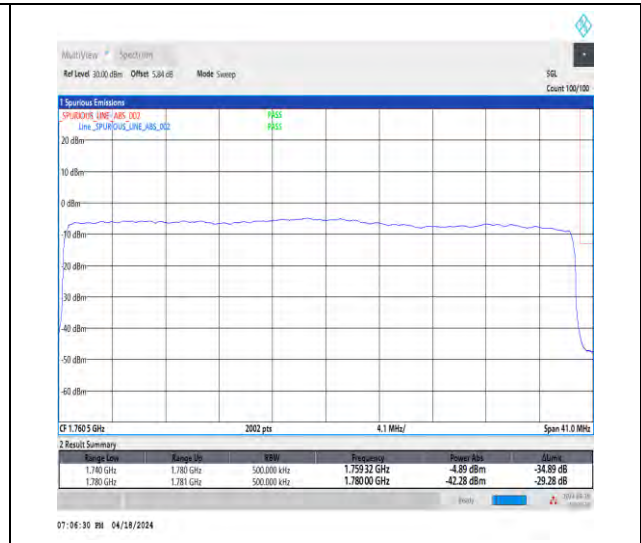


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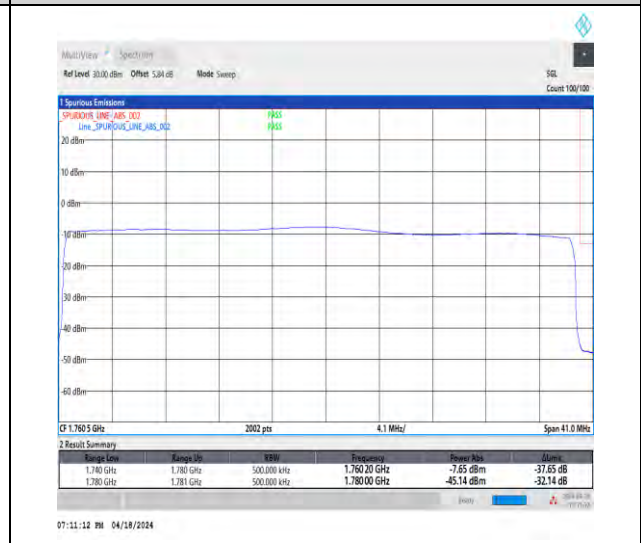
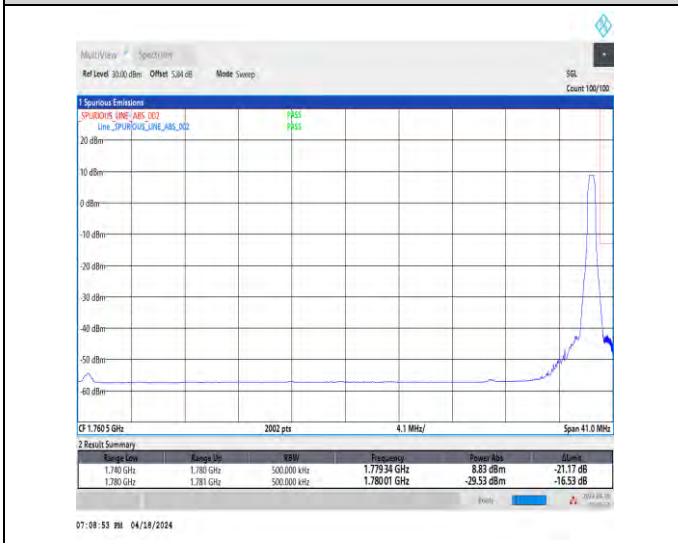
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1-N66-15-40-H-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1-seegraph-PASS-see graph



1-N66-15-40-H-5-CP-QPSK-Edge_1RB_Right-1@215-Ant1-1-seegraph-PASS-see graph

1-N66-15-40-H-6-CP-QPSK-Outer_Full-216@0-Ant1-1-seegraph-PASS-see graph



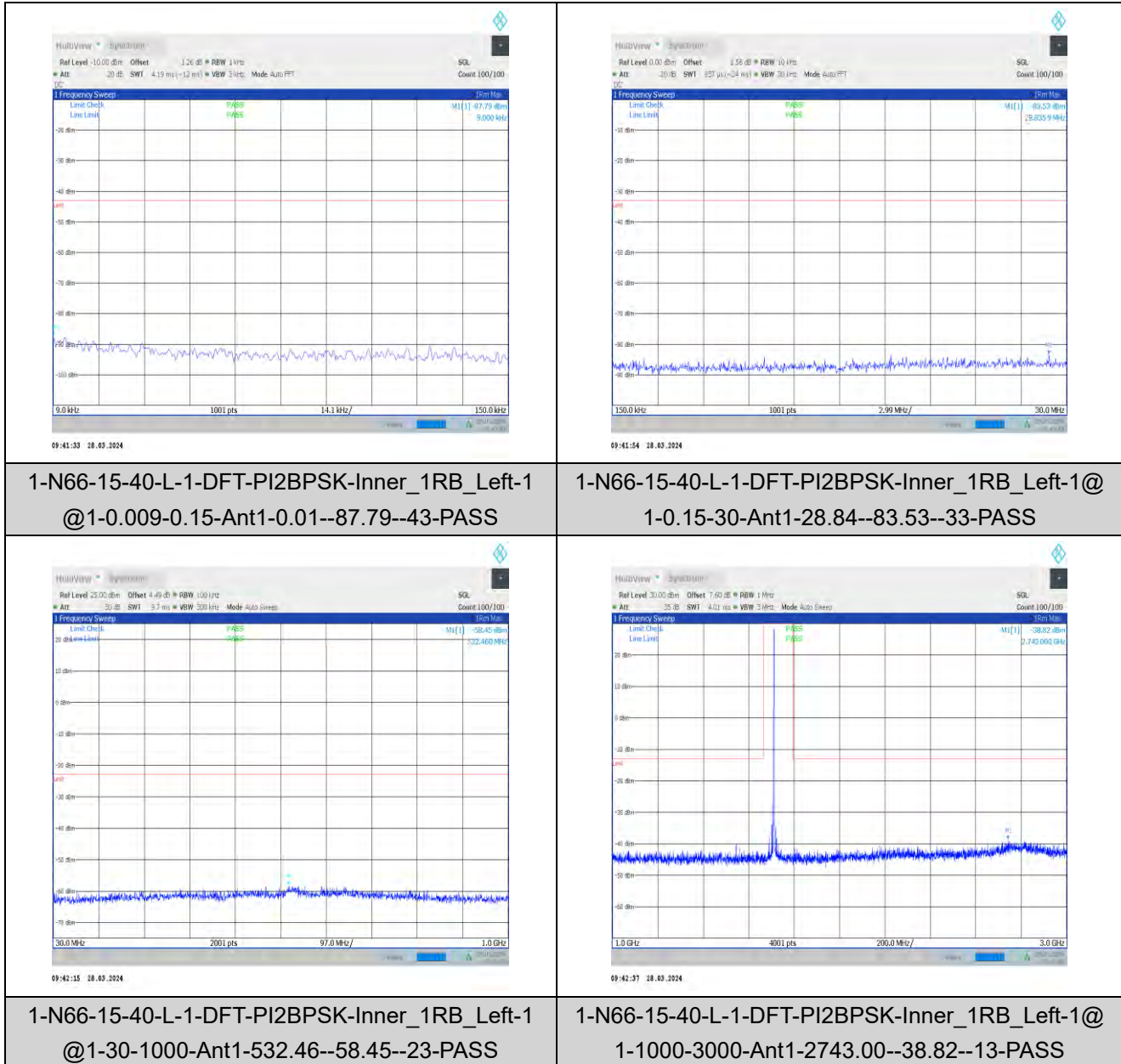
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Conducted Spurious Emission for SA

Test Graphs



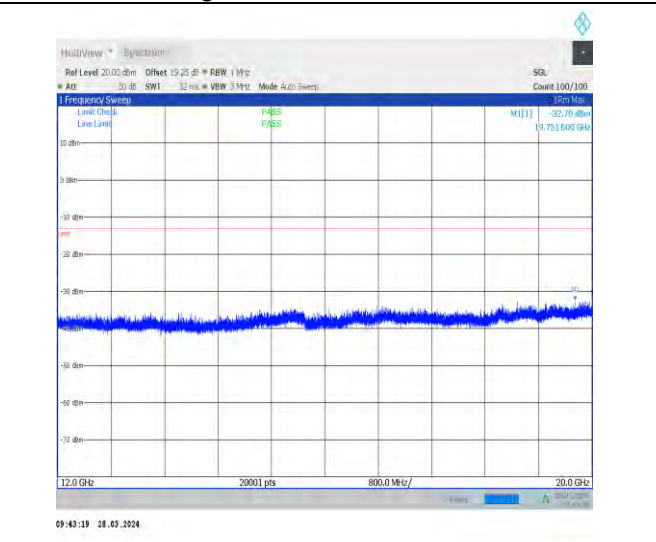
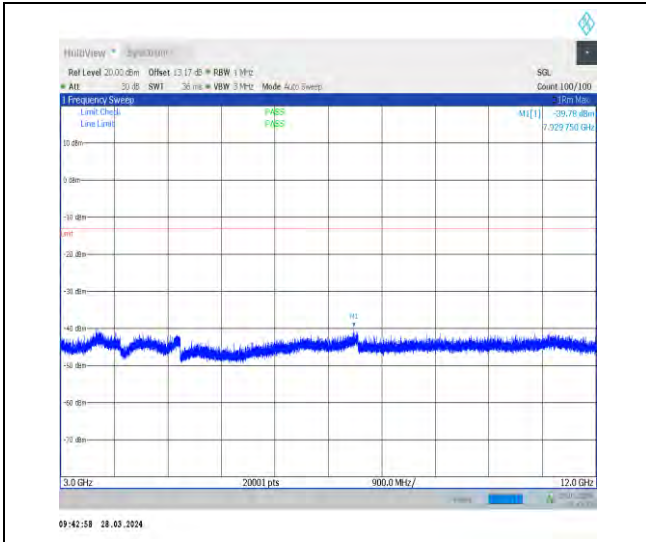
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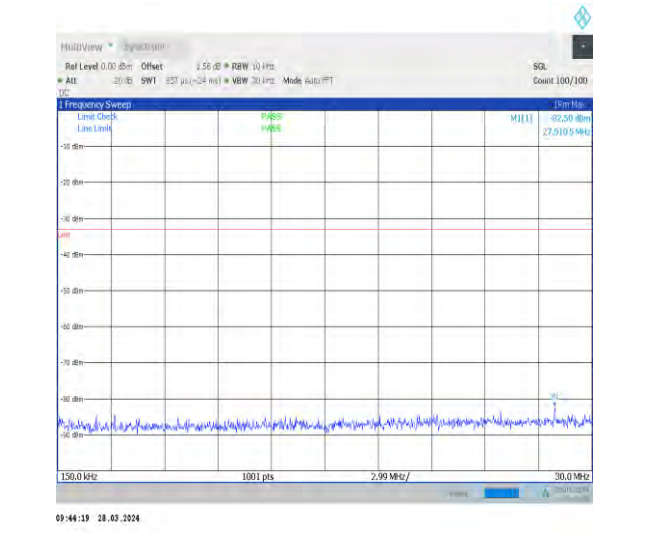
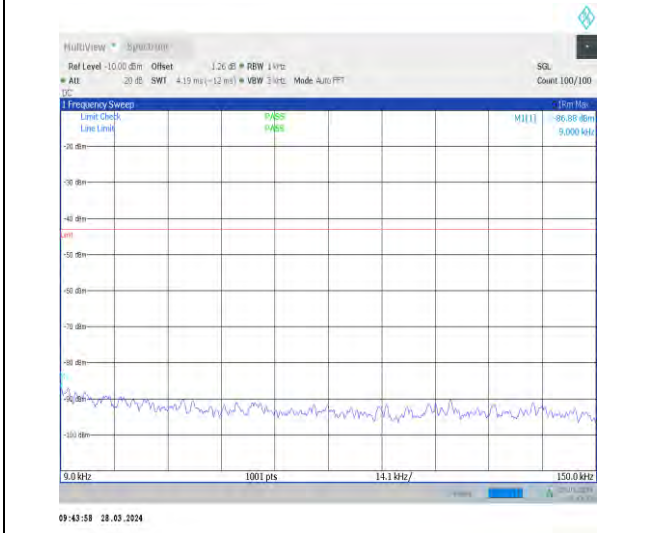
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1-N66-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1 @1-3000-12000-Ant1-7929.75--39.78--13-PASS

1-N66-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@ 1-12000-20000-Ant1-19751.60--32.70--13-PASS



1-N66-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1 @1-0.009-0.15-Ant1-0.01--86.88--43-PASS

1-N66-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@ 1-0.15-30-Ant1-27.91--82.50--33-PASS

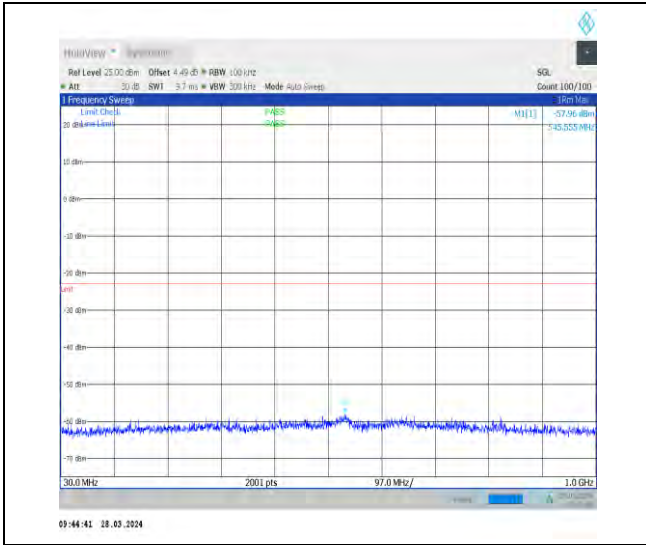


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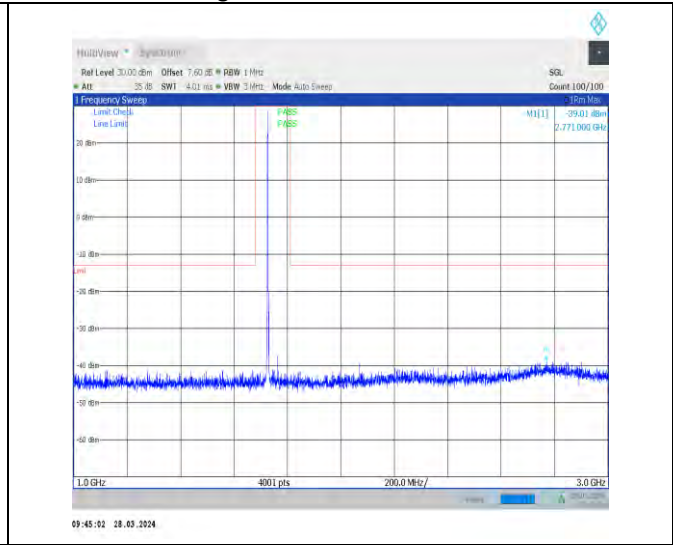
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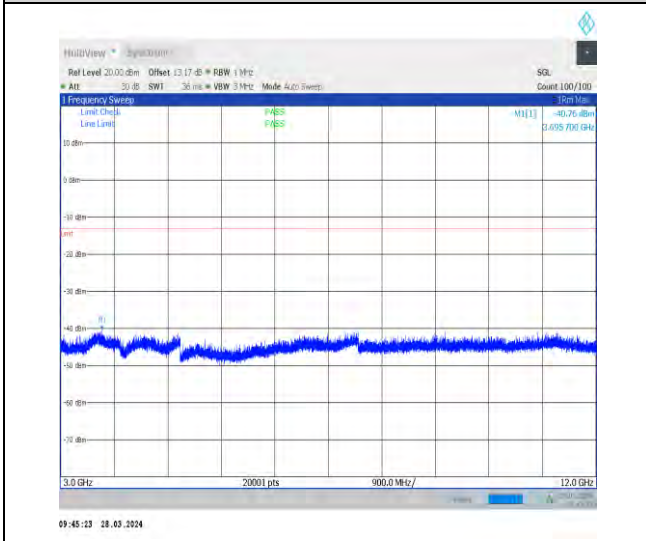
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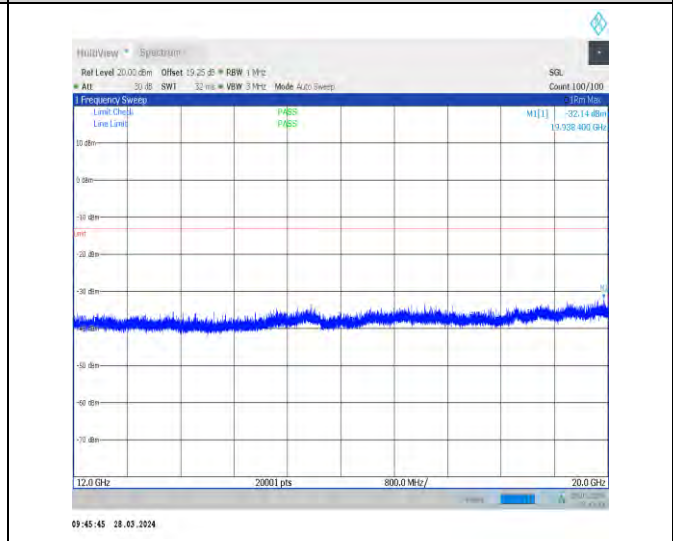
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1-N66-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-1000-3000-Ant1-2771.00--39.01--13-PASS



1-N66-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-3000-12000-Ant1-3695.70--40.76--13-PASS



1-N66-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-12000-20000-Ant1-19938.40--32.14--13-PASS

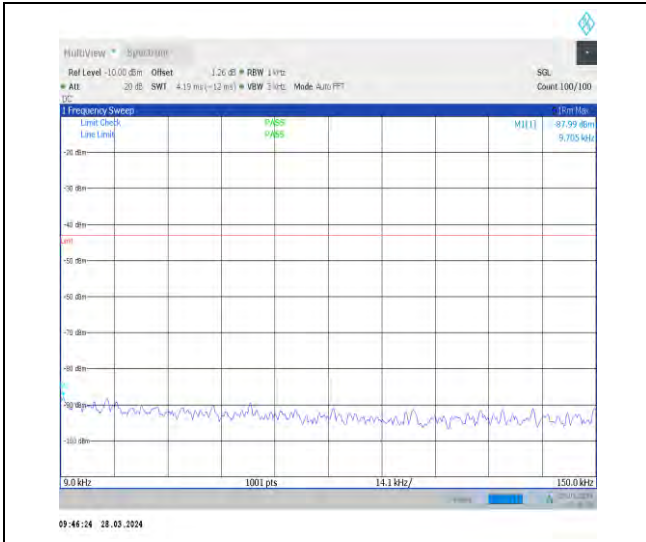


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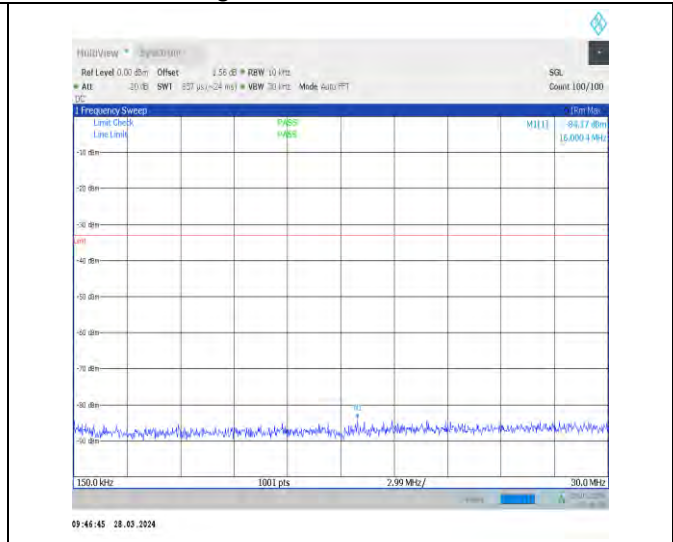
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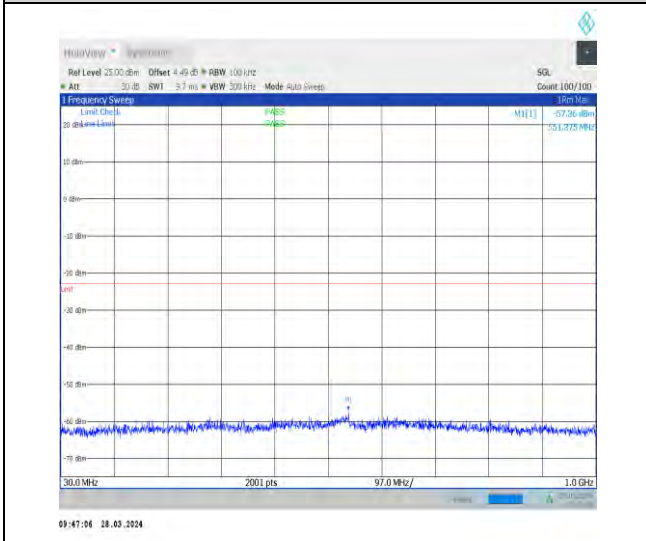
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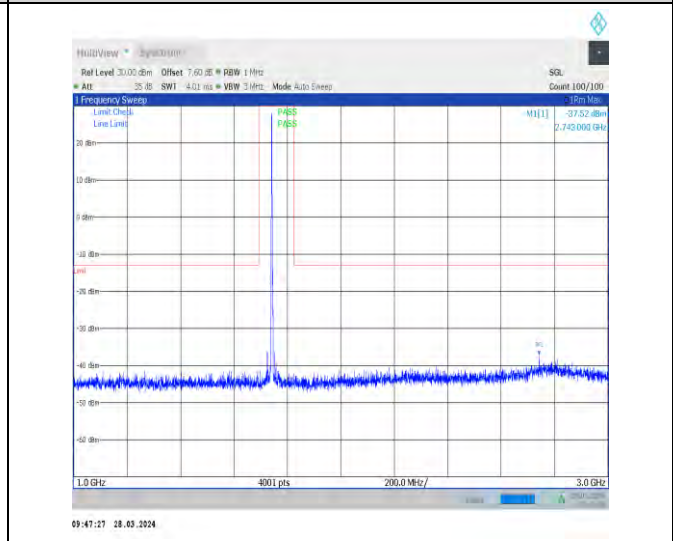
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1-N66-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-0.15-30-Ant1-16.00--84.17--33-PASS



1-N66-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-30-1000-Ant1-551.38--57.36--23-PASS



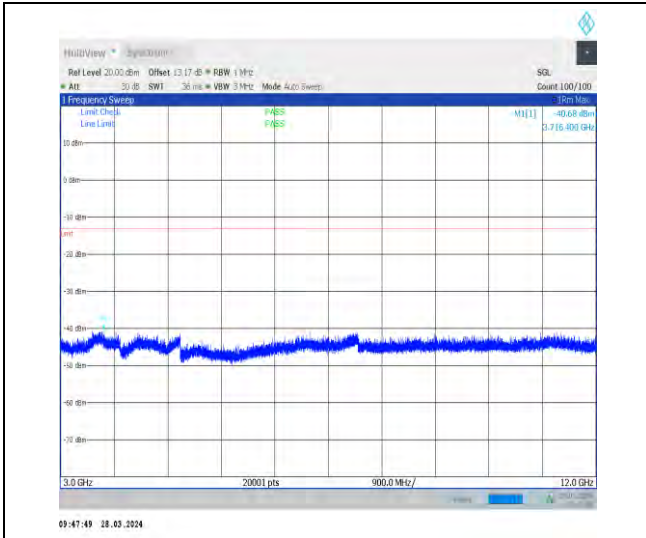
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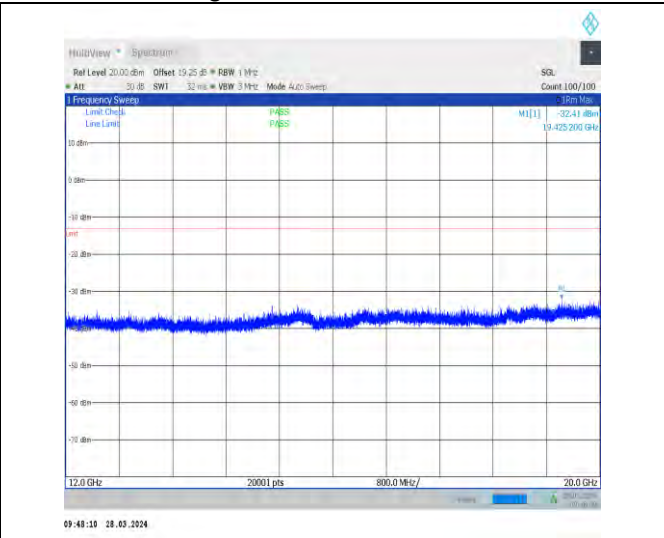
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1-N66-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant1-3716.40--40.68--13-PASS



1-N66-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
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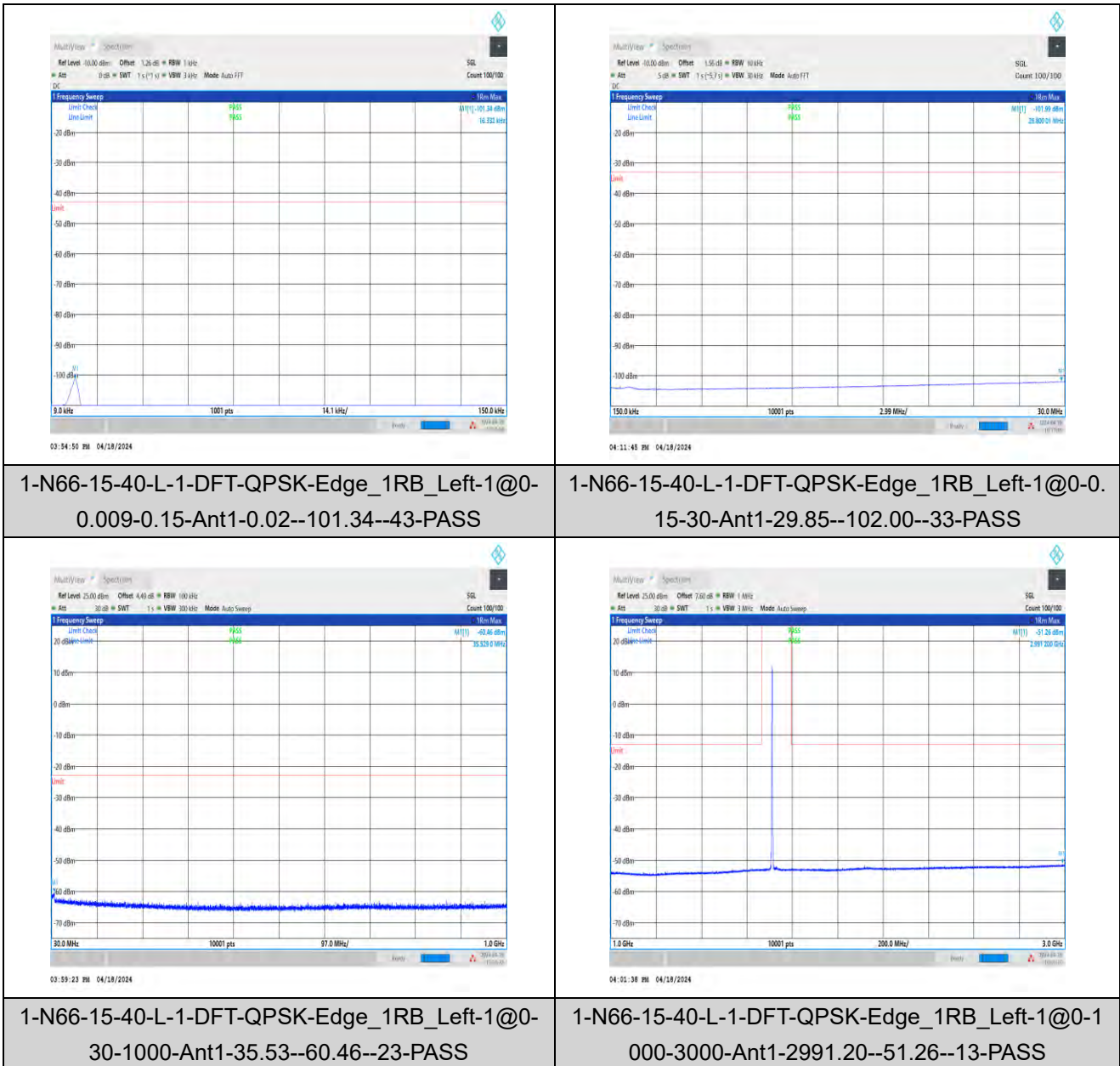
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Conducted Spurious Emission for MIMO ANT1

Test Graphs

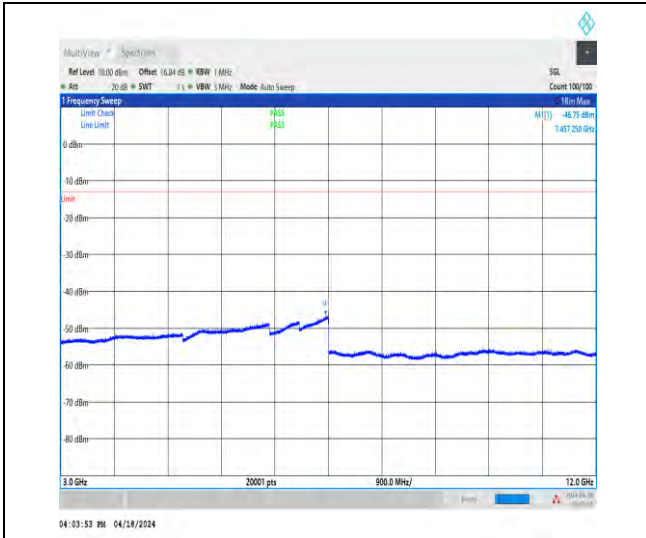


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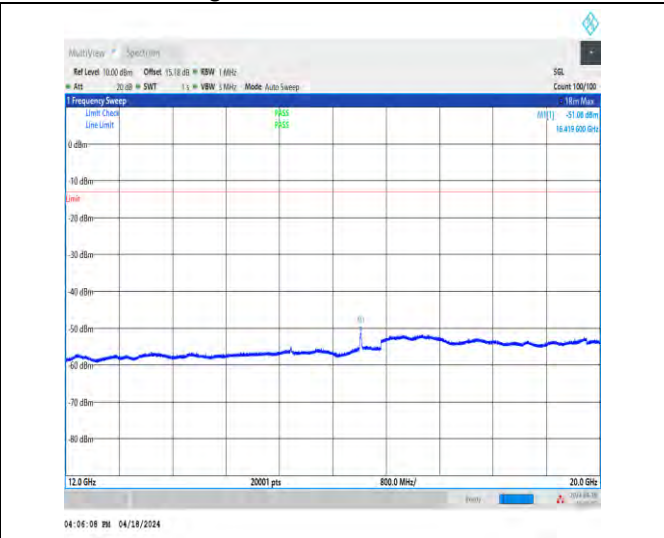
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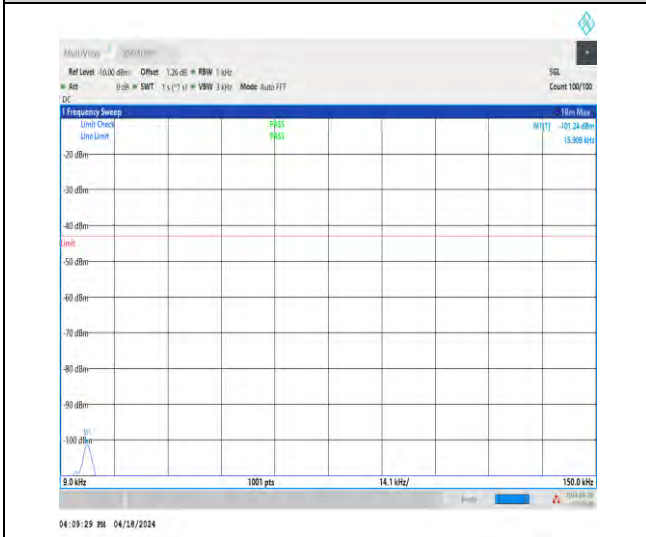
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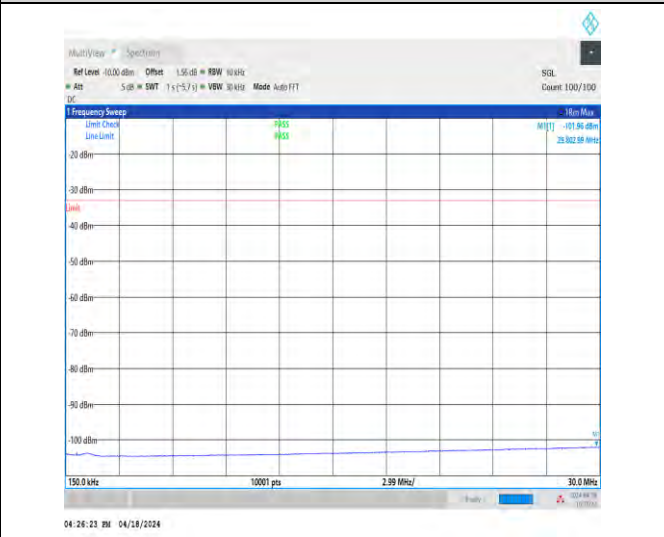
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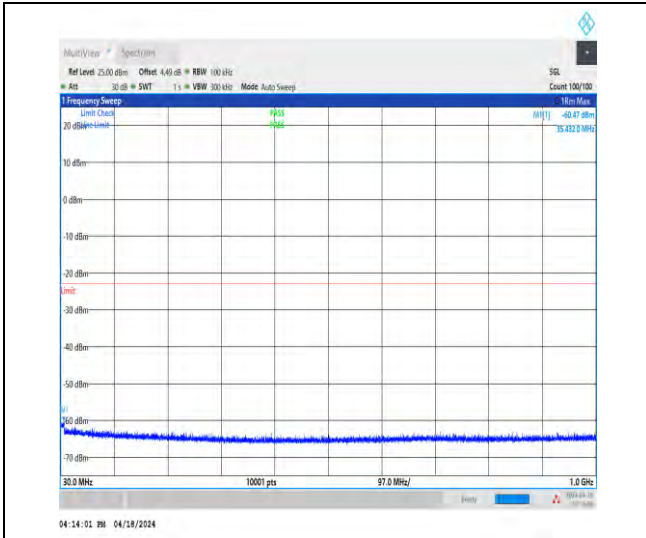
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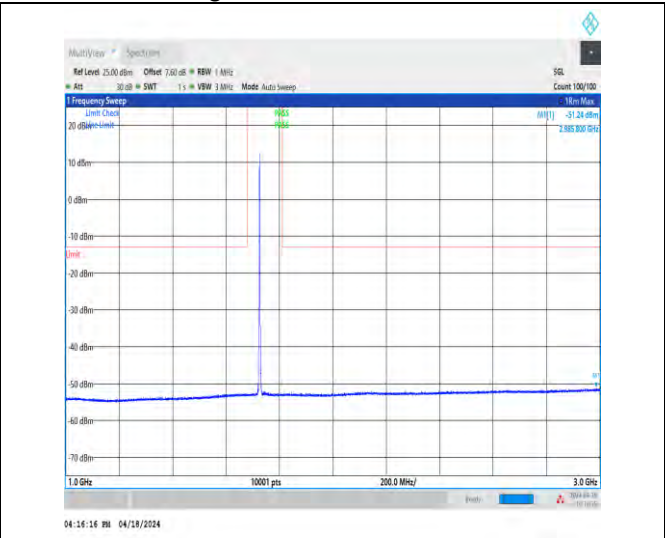
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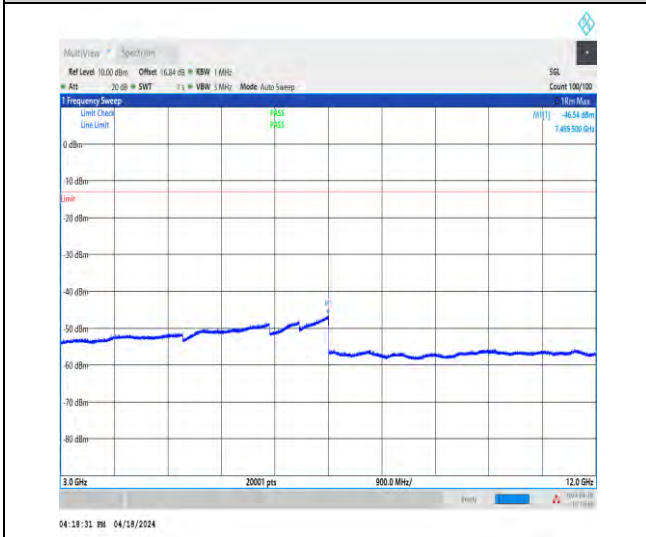
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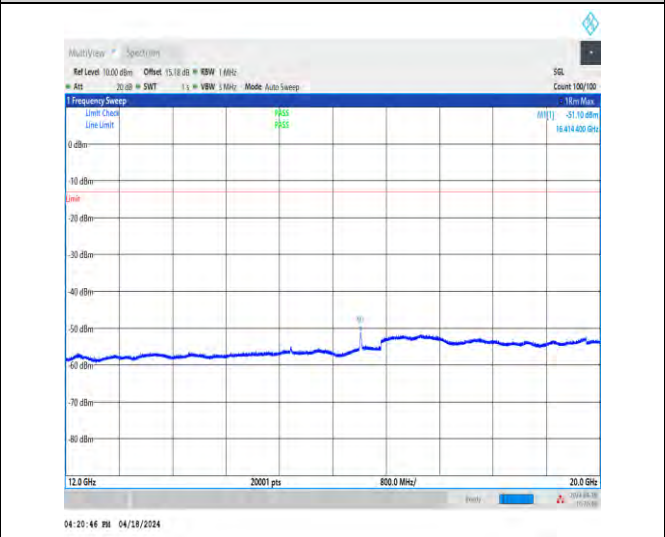
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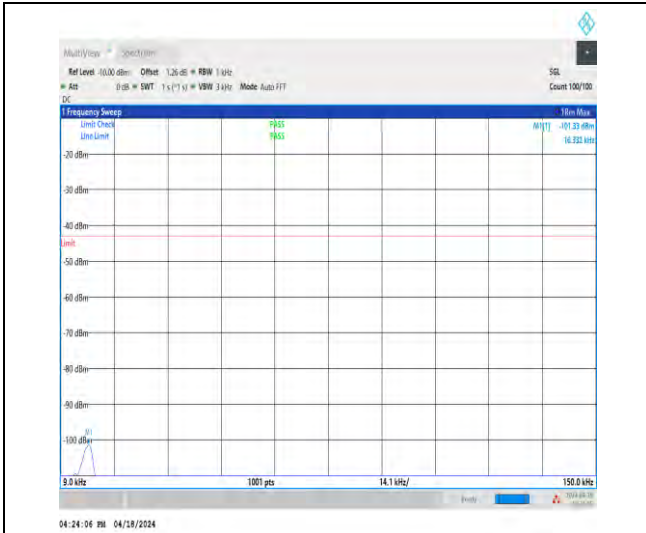


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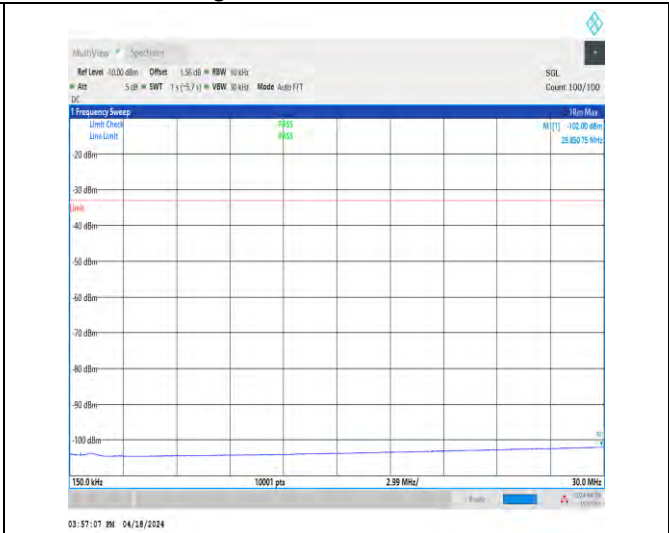
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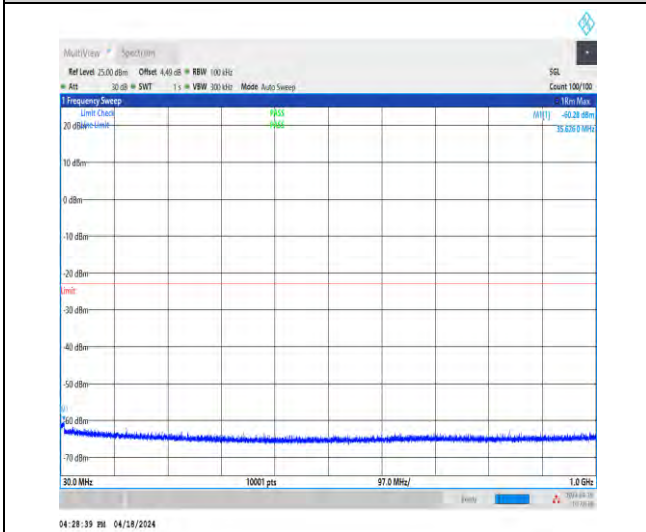
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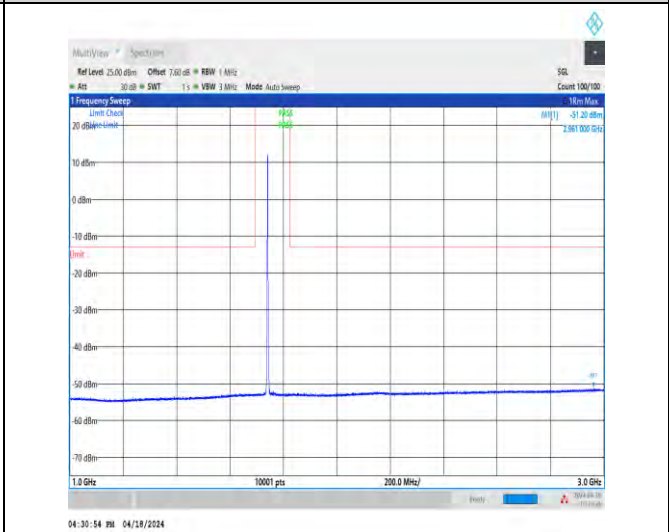
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1-N66-15-40-H-1-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant1-35.63--60.28--23-PASS



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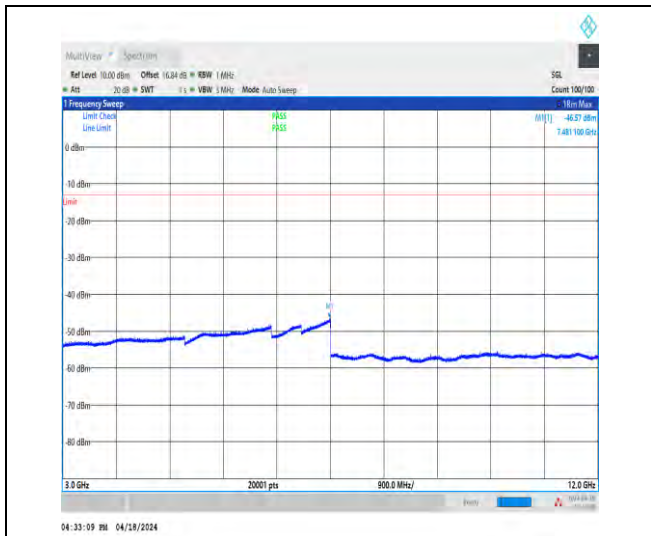


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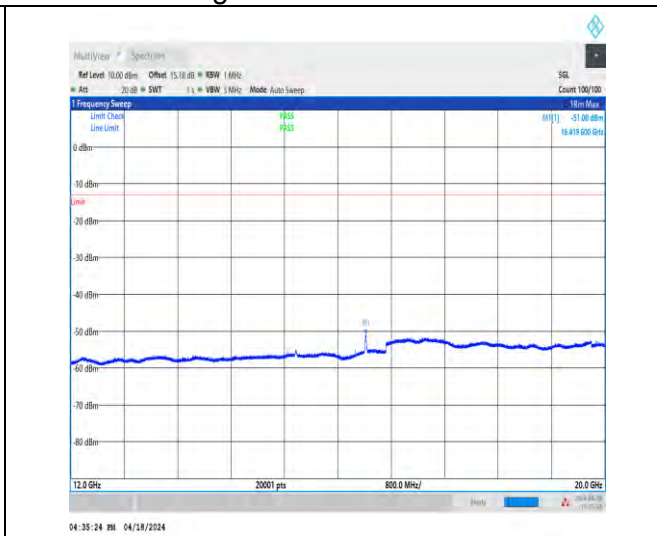
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1-N66-15-40-H-1-DFT-QPSK-Edge_1RB_Left-1@0-2000-20000-Ant1-16419.60--51.00--13-PASS



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Field Strength of Spurious Radiation

Test Band = SA_n66

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3421	60.80	-44.29	28.73	-50.02	-13.00	37.02	Horizontal
2	5132	50.14	-42.25	31.69	-55.68	-13.00	42.68	Horizontal
3	7413.5	44.12	-37.93	36.73	-52.34	-13.00	39.34	Horizontal
4	9556	43.37	-35.26	37.80	-49.35	-13.00	36.35	Horizontal
5	11238.5	45.58	-35.65	40.16	-45.17	-13.00	32.17	Horizontal
6	14799	41.18	-32.53	41.60	-45.01	-13.00	32.01	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3421.5	64.32	-44.29	28.73	-46.50	-13.00	33.50	Vertical
2	5132	54.70	-42.25	31.69	-51.12	-13.00	38.12	Vertical
3	6842	46.03	-38.95	35.57	-52.61	-13.00	39.61	Vertical
4	10666	43.30	-34.91	39.43	-47.44	-13.00	34.44	Vertical
5	13371	43.98	-33.55	39.69	-45.14	-13.00	32.14	Vertical
6	17213.5	42.89	-35.77	42.61	-45.53	-13.00	32.53	Vertical



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Test Band = SA_n66
 Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3451.5	66.62	-44.28	28.91	-44.01	-13.00	31.01	Horizontal
2	5177	54.68	-42.08	31.85	-50.81	-13.00	37.81	Horizontal
3	7415	44.47	-37.92	36.73	-51.98	-13.00	38.98	Horizontal
4	10004.5	43.15	-34.92	38.70	-48.33	-13.00	35.33	Horizontal
5	13379	43.74	-33.56	39.66	-45.42	-13.00	32.42	Horizontal
6	16110	40.87	-28.24	38.10	-44.53	-13.00	31.53	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3451.5	64.96	-44.28	28.91	-45.67	-13.00	32.67	Vertical
2	5176.5	58.07	-42.08	31.85	-47.42	-13.00	34.42	Vertical
3	6903	46.61	-38.85	35.39	-52.11	-13.00	39.11	Vertical
4	8628.5	44.25	-36.19	36.44	-50.76	-13.00	37.76	Vertical
5	11970	44.66	-34.70	39.69	-45.61	-13.00	32.61	Vertical
6	16554.5	41.78	-30.92	39.41	-44.99	-13.00	31.99	Vertical



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Test Band = SA_n66
 Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3481	67.37	-44.34	29.02	-43.21	-13.00	30.21	Horizontal
2	5222	50.41	-41.99	31.77	-55.07	-13.00	42.07	Horizontal
3	7426.5	44.23	-37.85	36.75	-52.13	-13.00	39.13	Horizontal
4	10713.5	43.59	-34.93	39.51	-47.09	-13.00	34.09	Horizontal
5	13321.5	42.71	-33.12	39.84	-45.83	-13.00	32.83	Horizontal
6	15286	41.12	-30.69	39.87	-44.96	-13.00	31.96	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3481.5	63.52	-44.34	29.03	-47.05	-13.00	34.05	Vertical
2	5222	56.49	-41.99	31.77	-48.99	-13.00	35.99	Vertical
3	7444	43.94	-37.75	36.79	-52.28	-13.00	39.28	Vertical
4	8703	44.14	-35.99	36.61	-50.50	-13.00	37.50	Vertical
5	11974	44.63	-34.73	39.68	-45.68	-13.00	32.68	Vertical
6	16609	41.83	-31.10	39.49	-45.04	-13.00	32.04	Vertical



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Test Band = n66 ULMIMO_ 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	4038	42.82	-45.93	29.49	-68.88	-13.00	55.88	Horizontal
2	5838.75	42.78	-44.84	32.37	-64.95	-13.00	51.95	Horizontal
3	6660.75	41.06	-44.02	34.39	-63.83	-13.00	50.83	Horizontal
4	8038.5	40.51	-41.97	37.08	-59.64	-13.00	46.64	Horizontal
5	9822.75	37.21	-39.45	38.15	-59.35	-13.00	46.35	Horizontal
6	11576.25	34.58	-37.00	38.89	-58.79	-13.00	45.79	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3933	44.30	-46.20	29.29	-67.87	-13.00	54.87	Vertical
2	5326.5	43.51	-45.15	31.99	-64.91	-13.00	51.91	Vertical
3	6772.5	42.20	-44.07	34.59	-62.54	-13.00	49.54	Vertical
4	8095.5	40.04	-41.40	37.04	-59.58	-13.00	46.58	Vertical
5	10681.5	36.04	-37.99	38.57	-58.64	-13.00	45.64	Vertical
6	13386.75	34.48	-36.39	39.94	-57.22	-13.00	44.22	Vertical



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Test Band = n66 ULMIMO_ 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	3792.75	42.43	-45.89	29.07	-69.65	-13.00	56.65	Horizontal
2	5195.25	41.88	-45.28	31.75	-66.91	-13.00	53.91	Horizontal
3	6466.5	41.31	-44.54	33.99	-64.51	-13.00	51.51	Horizontal
4	7279.5	41.52	-43.68	35.78	-61.64	-13.00	48.64	Horizontal
5	8925	39.18	-41.18	36.55	-60.72	-13.00	47.72	Horizontal
6	12093.75	35.04	-37.36	39.13	-58.45	-13.00	45.45	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4548	43.15	-45.69	30.68	-67.12	-13.00	54.12	Vertical
2	6155.25	42.70	-44.62	32.93	-64.25	-13.00	51.25	Vertical
3	7413.75	41.18	-43.37	36.16	-61.29	-13.00	48.29	Vertical
4	8756.25	40.19	-41.44	36.65	-59.87	-13.00	46.87	Vertical
5	11265.75	35.41	-37.41	38.73	-58.53	-13.00	45.53	Vertical
6	13385.25	33.89	-36.39	39.94	-57.82	-13.00	44.82	Vertical



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Test Band = n66 ULMIMO_ 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	3981	42.52	-46.09	29.37	-69.46	-13.00	56.46	Horizontal
2	5251.5	42.62	-45.18	31.85	-65.97	-13.00	52.97	Horizontal
3	6355.5	41.75	-44.47	33.61	-64.37	-13.00	51.37	Horizontal
4	7919.25	40.76	-42.73	36.99	-60.24	-13.00	47.24	Horizontal
5	10439.25	35.59	-38.93	38.54	-60.05	-13.00	47.05	Horizontal
6	12225	34.81	-37.47	39.17	-58.75	-13.00	45.75	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3740.25	42.79	-45.67	28.98	-69.15	-13.00	56.15	Vertical
2	5111.25	42.21	-45.36	31.60	-66.81	-13.00	53.81	Vertical
3	5880.75	42.69	-44.93	32.38	-65.12	-13.00	52.12	Vertical
4	7776.75	40.44	-42.50	36.79	-60.53	-13.00	47.53	Vertical
5	8922	39.82	-41.19	36.55	-60.08	-13.00	47.08	Vertical
6	12315.75	35.54	-37.43	39.19	-57.96	-13.00	44.96	Vertical



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Rev.: 01

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Test Band = NSA_B48+n66

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4422.5	26.90	-13.35	30.10	-51.61	-13.00	38.61	Horizontal
2	5781.5	29.11	-11.38	32.44	-45.09	-13.00	32.09	Horizontal
3	7245.66	55.15	-38.80	36.33	-42.58	-13.00	29.58	Horizontal
4	10868.62	46.95	-35.47	40.01	-43.77	-13.00	30.77	Horizontal
5	14491.58	49.10	-32.16	41.60	-36.72	-13.00	23.72	Horizontal
6	17962.28	41.67	-39.74	47.52	-45.81	-13.00	32.81	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4892	24.46	-12.43	30.85	-52.38	-13.00	39.38	Vertical
2	7245.66	64.14	-38.80	36.33	-33.59	-13.00	20.59	Vertical
3	8744.34	42.99	-36.40	36.78	-51.89	-13.00	38.89	Vertical
4	10868.16	46.61	-35.47	40.01	-44.11	-13.00	31.11	Vertical
5	14491.12	49.16	-32.17	41.60	-36.67	-13.00	23.67	Vertical
6	17964.12	41.60	-39.74	47.55	-45.85	-13.00	32.85	Vertical



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Member of the SGS Group (SGS SA)

Test Band = NSA_B48+n66

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4897	27.62	-12.39	30.88	-49.15	-13.00	36.15	Horizontal
2	5860	28.79	-11.16	32.64	-44.99	-13.00	31.99	Horizontal
3	7249.8	48.30	-38.80	36.30	-49.46	-13.00	36.46	Horizontal
4	9651.92	41.84	-35.43	38.10	-50.75	-13.00	37.75	Horizontal
5	11959.28	44.31	-34.98	39.72	-46.21	-13.00	33.21	Horizontal
6	16456.24	41.32	-28.36	39.08	-43.22	-13.00	30.22	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2796.5	25.46	-15.16	28.29	-56.67	-13.00	43.67	Vertical
2	7251.64	54.60	-38.80	36.30	-43.16	-13.00	30.16	Vertical
3	8448.1	43.51	-36.79	36.40	-52.14	-13.00	39.14	Vertical
4	10875.52	44.80	-35.46	40.05	-45.87	-13.00	32.87	Vertical
5	14499.86	42.85	-32.06	41.60	-42.87	-13.00	29.87	Vertical
6	17964.12	41.39	-39.74	47.55	-46.06	-13.00	33.06	Vertical



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Test Band = NSA_B48+n66

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2648	28.51	-15.92	27.90	-54.77	-13.00	41.77	Horizontal
2	5021.5	27.27	-12.54	31.37	-49.16	-13.00	36.16	Horizontal
3	7245.66	53.97	-38.80	36.33	-43.76	-13.00	30.76	Horizontal
4	10868.62	49.80	-35.47	40.01	-40.92	-13.00	27.92	Horizontal
5	14491.12	50.22	-32.17	41.60	-35.61	-13.00	22.61	Horizontal
6	17956.3	41.75	-39.74	47.41	-45.84	-13.00	32.84	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5222	27.45	-11.97	31.77	-48.01	-13.00	35.01	Vertical
2	7245.66	63.50	-38.80	36.33	-34.23	-13.00	21.23	Vertical
3	8703.4	46.62	-36.73	36.61	-48.76	-13.00	35.76	Vertical
4	10868.62	56.28	-35.47	40.01	-34.44	-13.00	21.44	Vertical
5	14491.58	52.35	-32.16	41.60	-33.47	-13.00	20.47	Vertical
6	17981.14	41.50	-39.75	47.86	-45.65	-13.00	32.65	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) - Pre-amplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.



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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	-4.000000	-0.002292	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	0.400000	0.000229	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	0.500000	0.000287	PASS
N66	15	40	CP-QPSK	M	Outer_Full	VH	NT	1.300000	0.000003	PASS
N66	15	40	CP-QPSK	M	Outer_Full	VN	NT	0.900000	0.000005	PASS
N66	15	40	CP-QPSK	M	Outer_Full	VL	NT	0.100000	0.000008	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	-2.500000	-0.001433	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	-4.600000	-0.002636	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	0	-3.700000	-0.002120	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	10	0.000000	0.000000	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	20	-2.600000	-0.001490	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	30	-1.500000	-0.000860	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	40	-1.100000	-0.000630	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	NV	50	-1.300000	-0.000590	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-30	0.700000	0.000006	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-20	2.200000	0.000019	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	-10	1.700000	0.000009	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	0	0.100000	0.000012	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	10	1.100000	0.000012	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	20	0.600000	0.000016	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	30	1.300000	0.000017	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	40	1.500000	0.000014	PASS
N66	15	40	CP-QPSK	M	Outer_Full	NV	50	1.400000	0.000000	PASS

---End of Attachment---



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