

Appendix B.30

NR Band n38



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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
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	26.25	28.65	33.00	PASS
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	26.27	28.67	33.00	PASS
N38	30	10	DFT-PI2BPSK	L	Outer_Full	25.68	28.08	33.00	PASS
N38	30	10	DFT-QPSK	L	Inner_1RB_Left	26.23	28.63	33.00	PASS
N38	30	10	DFT-QPSK	L	Inner_1RB_Right	26.23	28.63	33.00	PASS
N38	30	10	DFT-QPSK	L	Outer_Full	25.13	27.53	33.00	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Left	25.22	27.62	33.00	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Right	25.09	27.49	33.00	PASS
N38	30	10	DFT-16QAM	L	Outer_Full	24.15	26.55	33.00	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Left	23.62	26.02	33.00	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Right	23.63	26.03	33.00	PASS
N38	30	10	DFT-64QAM	L	Outer_Full	23.69	26.09	33.00	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Left	21.55	23.95	33.00	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Right	21.53	23.93	33.00	PASS
N38	30	10	DFT-256QAM	L	Outer_Full	21.60	24	33.00	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	26.10	28.5	33.00	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	26.12	28.52	33.00	PASS
N38	30	10	DFT-PI2BPSK	M	Outer_Full	25.49	27.89	33.00	PASS
N38	30	10	DFT-QPSK	M	Inner_1RB_Left	26.06	28.46	33.00	PASS
N38	30	10	DFT-QPSK	M	Inner_1RB_Right	26.12	28.52	33.00	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	24.97	27.37	33.00	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Left	24.96	27.36	33.00	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Right	24.99	27.39	33.00	PASS
N38	30	10	DFT-16QAM	M	Outer_Full	23.97	26.37	33.00	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Left	23.49	25.89	33.00	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Right	23.55	25.95	33.00	PASS
N38	30	10	DFT-64QAM	M	Outer_Full	23.51	25.91	33.00	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Left	21.37	23.77	33.00	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Right	21.42	23.82	33.00	PASS
N38	30	10	DFT-256QAM	M	Outer_Full	21.47	23.87	33.00	PASS
N38	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	26.28	28.68	33.00	PASS



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Table with 10 columns: Item No., Lot No., Sample No., Modulation, Bandwidth, Frequency, SNR, BER, Error Rate, and Result. Contains 50 rows of test data for various modulation schemes like DFT-PI2BPSK, DFT-QPSK, DFT-16QAM, and DFT-64QAM.



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Table with 10 columns: Item No., Lot No., Sample No., Modulation, Bandwidth, Test Method, Mean, Min, Max, Pass/Fail. Contains 40 rows of test data.



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Table with 10 columns: Item No., Lot No., Sample No., Modulation, Coding Rate, Test Method, Measured Value 1, Measured Value 2, Measured Value 3, and Result. Rows include various modulation schemes like DFT-PI2BPSK, DFT-QPSK, DFT-16QAM, and DFT-64QAM.



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Table with 10 columns: Item No., Lot No., Sample No., Test Method, Modulation, Test Result, Mean, Min, Max, and Status. Contains 40 rows of test data.



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Table with 10 columns: Item No., Lot No., Sample No., Test Method, Modulation, Frequency, Measured Value 1, Measured Value 2, Measured Value 3, and Result. Contains 50 rows of test data.



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Table with 10 columns: Item No., Lot No., Sample No., Test Method, Modulation, Port, Mean, Std Dev, Pass/Fail, and Remarks. It 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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N38	30	40	DFT-256QAM	M	Inner_1RB_Right	21.47	23.87	33.00	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	21.65	24.05	33.00	PASS
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	26.36	28.76	33.00	PASS
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	26.13	28.53	33.00	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	25.82	28.22	33.00	PASS
N38	30	40	DFT-QPSK	H	Inner_1RB_Left	26.35	28.75	33.00	PASS
N38	30	40	DFT-QPSK	H	Inner_1RB_Right	26.23	28.63	33.00	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	25.28	27.68	33.00	PASS
N38	30	40	DFT-16QAM	H	Inner_1RB_Left	25.29	27.69	33.00	PASS
N38	30	40	DFT-16QAM	H	Inner_1RB_Right	25.16	27.56	33.00	PASS
N38	30	40	DFT-16QAM	H	Outer_Full	24.22	26.62	33.00	PASS
N38	30	40	DFT-64QAM	H	Inner_1RB_Left	23.55	25.95	33.00	PASS
N38	30	40	DFT-64QAM	H	Inner_1RB_Right	23.54	25.94	33.00	PASS
N38	30	40	DFT-64QAM	H	Outer_Full	23.73	26.13	33.00	PASS
N38	30	40	DFT-256QAM	H	Inner_1RB_Left	21.53	23.93	33.00	PASS
N38	30	40	DFT-256QAM	H	Inner_1RB_Right	21.41	23.81	33.00	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	21.71	24.11	33.00	PASS



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Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power	Power	Total	EIRP (dBm)	Limit (dBm)	Verdict
						Ant1 (dBm)	Ant7 (dBm)	Power (dBm)			
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	26.53	25.83	29.2	31.6	33	PASS
N38	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	26.3	25.91	29.12	31.52	33	PASS
N38	30	10	DFT-PI2BPSK	L	Outer_Full	24.93	24.24	27.61	30.01	33	PASS
N38	30	10	DFT-QPSK	L	Inner_1RB_Left	26.32	26.09	29.22	31.62	33	PASS
N38	30	10	DFT-QPSK	L	Inner_1RB_Right	26.41	25.96	29.2	31.6	33	PASS
N38	30	10	DFT-QPSK	L	Outer_Full	24.85	24.33	27.61	30.01	33	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Left	25.23	24.76	28.01	30.41	33	PASS
N38	30	10	DFT-16QAM	L	Inner_1RB_Right	25.51	24.89	28.22	30.62	33	PASS
N38	30	10	DFT-16QAM	L	Outer_Full	24.49	23.6	27.08	29.48	33	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Left	23.84	23.65	26.76	29.16	33	PASS
N38	30	10	DFT-64QAM	L	Inner_1RB_Right	23.98	23.28	26.65	29.05	33	PASS
N38	30	10	DFT-64QAM	L	Outer_Full	23.76	23.39	26.59	28.99	33	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Left	20.96	20.04	23.53	25.93	33	PASS
N38	30	10	DFT-256QAM	L	Inner_1RB_Right	20.99	20.16	23.61	26.01	33	PASS
N38	30	10	DFT-256QAM	L	Outer_Full	21.31	20.76	24.05	26.45	33	PASS
N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	26.37	25.86	29.13	31.53	33	PASS



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N38	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	26.46	25.95	29.22	31.62	33	PASS
N38	30	10	DFT-PI2BPSK	M	Outer_Full	24.85	24.49	27.68	30.08	33	PASS
N38	30	10	DFT-QPSK	M	Inner_1RB_Left	26.44	26.11	29.29	31.69	33	PASS
N38	30	10	DFT-QPSK	M	Inner_1RB_Right	26.68	25.99	29.36	31.76	33	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	24.91	24.34	27.64	30.04	33	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Left	25.32	24.97	28.16	30.56	33	PASS
N38	30	10	DFT-16QAM	M	Inner_1RB_Right	25.67	25.14	28.42	30.82	33	PASS
N38	30	10	DFT-16QAM	M	Outer_Full	24.6	24.12	27.38	29.78	33	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Left	24.07	23.57	26.84	29.24	33	PASS
N38	30	10	DFT-64QAM	M	Inner_1RB_Right	23.92	23.63	26.79	29.19	33	PASS
N38	30	10	DFT-64QAM	M	Outer_Full	23.89	23.51	26.71	29.11	33	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Left	20.58	20.36	23.48	25.88	33	PASS
N38	30	10	DFT-256QAM	M	Inner_1RB_Right	21.09	20.36	23.75	26.15	33	PASS
N38	30	10	DFT-256QAM	M	Outer_Full	21.42	20.99	24.22	26.62	33	PASS
N38	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	26.18	26.43	29.32	31.72	33	PASS
N38	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	26.52	26.14	29.34	31.74	33	PASS
N38	30	10	DFT-PI2BPSK	H	Outer_Full	24.65	24.38	27.53	29.93	33	PASS
N38	30	10	DFT-QPSK	H	Inner_1RB_Left	26.19	25.93	29.07	31.47	33	PASS
N38	30	10	DFT-QPSK	H	Inner_1RB_Right	26.35	25.9	29.14	31.54	33	PASS
N38	30	10	DFT-QPSK	H	Outer_Full	24.8	24.52	27.67	30.07	33	PASS
N38	30	10	DFT-16QAM	H	Inner_1RB_Left	25.36	25.31	28.35	30.75	33	PASS



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N38	30	10	DFT-16QAM	H	Outer_Full	24.46	24.18	27.33	29.73	33	PASS
N38	30	10	DFT-64QAM	H	Inner_1RB_Left	23.93	23.56	26.76	29.16	33	PASS
N38	30	10	DFT-64QAM	H	Inner_1RB_Right	23.78	23.44	26.62	29.02	33	PASS
N38	30	10	DFT-64QAM	H	Outer_Full	23.81	23.89	26.86	29.26	33	PASS
N38	30	10	DFT-256QAM	H	Inner_1RB_Left	20.72	20.51	23.63	26.03	33	PASS
N38	30	10	DFT-256QAM	H	Inner_1RB_Right	20.86	20.67	23.78	26.18	33	PASS
N38	30	10	DFT-256QAM	H	Outer_Full	21.37	20.86	24.13	26.53	33	PASS
N38	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	26.16	25.85	29.02	31.42	33	PASS
N38	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	26.65	25.99	29.34	31.74	33	PASS
N38	30	15	DFT-PI2BPSK	L	Outer_Full	24.82	24.26	27.56	29.96	33	PASS
N38	30	15	DFT-QPSK	L	Inner_1RB_Left	26.21	25.88	29.06	31.46	33	PASS
N38	30	15	DFT-QPSK	L	Inner_1RB_Right	26.47	26.01	29.26	31.66	33	PASS
N38	30	15	DFT-QPSK	L	Outer_Full	24.69	24.35	27.53	29.93	33	PASS
N38	30	15	DFT-16QAM	L	Inner_1RB_Left	25.34	24.91	28.14	30.54	33	PASS
N38	30	15	DFT-16QAM	L	Inner_1RB_Right	25.51	24.85	28.2	30.6	33	PASS
N38	30	15	DFT-16QAM	L	Outer_Full	24.03	23.94	27	29.4	33	PASS
N38	30	15	DFT-64QAM	L	Inner_1RB_Left	23.62	23.33	26.49	28.89	33	PASS
N38	30	15	DFT-64QAM	L	Inner_1RB_Right	24.18	23.69	26.95	29.35	33	PASS
N38	30	15	DFT-64QAM	L	Outer_Full	23.74	23.36	26.56	28.96	33	PASS
N38	30	15	DFT-256QAM	L	Inner_1RB_Left	20.84	20.4	23.64	26.04	33	PASS



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N38	30	15	DFT-256QAM	L	Inner_1RB_Right	20.95	20.44	23.71	26.11	33	PASS
N38	30	15	DFT-256QAM	L	Outer_Full	21.35	20.81	24.1	26.5	33	PASS
N38	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	26.34	25.95	29.16	31.56	33	PASS
N38	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	26.62	25.81	29.24	31.64	33	PASS
N38	30	15	DFT-PI2BPSK	M	Outer_Full	25.05	24.45	27.77	30.17	33	PASS
N38	30	15	DFT-QPSK	M	Inner_1RB_Left	26.76	26.07	29.44	31.84	33	PASS
N38	30	15	DFT-QPSK	M	Inner_1RB_Right	26.59	26.14	29.38	31.78	33	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	25.06	24.23	27.68	30.08	33	PASS
N38	30	15	DFT-16QAM	M	Inner_1RB_Left	25.56	24.95	28.28	30.68	33	PASS
N38	30	15	DFT-16QAM	M	Inner_1RB_Right	25.42	25.06	28.25	30.65	33	PASS
N38	30	15	DFT-16QAM	M	Outer_Full	24.55	23.92	27.26	29.66	33	PASS
N38	30	15	DFT-64QAM	M	Inner_1RB_Left	23.98	23.64	26.82	29.22	33	PASS
N38	30	15	DFT-64QAM	M	Inner_1RB_Right	24.44	23.81	27.15	29.55	33	PASS
N38	30	15	DFT-64QAM	M	Outer_Full	23.92	23.27	26.62	29.02	33	PASS
N38	30	15	DFT-256QAM	M	Inner_1RB_Left	20.97	20.38	23.7	26.1	33	PASS
N38	30	15	DFT-256QAM	M	Inner_1RB_Right	20.8	20.59	23.71	26.11	33	PASS
N38	30	15	DFT-256QAM	M	Outer_Full	21.29	20.71	24.02	26.42	33	PASS
N38	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	26.52	26.06	29.31	31.71	33	PASS
N38	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	26.58	26.08	29.35	31.75	33	PASS
N38	30	15	DFT-PI2BPSK	H	Outer_Full	24.91	24.43	27.69	30.09	33	PASS
N38	30	15	DFT-QPSK	H	Inner_1RB_Left	26.69	25.93	29.34	31.74	33	PASS



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N38	30	15	DFT-QPSK	H	Inner_1RB_Right	26.16	25.9	29.04	31.44	33	PASS
N38	30	15	DFT-QPSK	H	Outer_Full	25.04	24.33	27.71	30.11	33	PASS
N38	30	15	DFT-16QAM	H	Inner_1RB_Left	25.61	25.29	28.46	30.86	33	PASS
N38	30	15	DFT-16QAM	H	Inner_1RB_Right	25.27	24.93	28.11	30.51	33	PASS
N38	30	15	DFT-16QAM	H	Outer_Full	24.19	23.83	27.02	29.42	33	PASS
N38	30	15	DFT-64QAM	H	Inner_1RB_Left	24.07	23.69	26.89	29.29	33	PASS
N38	30	15	DFT-64QAM	H	Inner_1RB_Right	23.91	23.62	26.78	29.18	33	PASS
N38	30	15	DFT-64QAM	H	Outer_Full	23.74	23.3	26.54	28.94	33	PASS
N38	30	15	DFT-256QAM	H	Inner_1RB_Left	21.1	20.45	23.8	26.2	33	PASS
N38	30	15	DFT-256QAM	H	Inner_1RB_Right	20.6	20.57	23.6	26	33	PASS
N38	30	15	DFT-256QAM	H	Outer_Full	21.25	21.01	24.14	26.54	33	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	26.22	25.58	28.92	31.32	33	PASS
N38	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	26.38	25.94	29.18	31.58	33	PASS
N38	30	20	DFT-PI2BPSK	L	Outer_Full	24.74	24.52	27.64	30.04	33	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Left	26.43	25.76	29.12	31.52	33	PASS
N38	30	20	DFT-QPSK	L	Inner_1RB_Right	26.34	26.06	29.21	31.61	33	PASS
N38	30	20	DFT-QPSK	L	Outer_Full	25.08	24.54	27.83	30.23	33	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Left	25.29	24.69	28.01	30.41	33	PASS
N38	30	20	DFT-16QAM	L	Inner_1RB_Right	25.45	25.07	28.27	30.67	33	PASS
N38	30	20	DFT-16QAM	L	Outer_Full	24.27	23.84	27.07	29.47	33	PASS
N38	30	20	DFT-64QAM	L	Inner_1RB_Left	23.99	23.31	26.67	29.07	33	PASS



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N38	30	20	DFT-64QAM	L	Inner_1RB_Right	24.08	23.59	26.85	29.25	33	PASS
N38	30	20	DFT-64QAM	L	Outer_Full	23.82	23.37	26.61	29.01	33	PASS
N38	30	20	DFT-256QAM	L	Inner_1RB_Left	20.76	20.26	23.53	25.93	33	PASS
N38	30	20	DFT-256QAM	L	Inner_1RB_Right	21	20.45	23.74	26.14	33	PASS
N38	30	20	DFT-256QAM	L	Outer_Full	21.4	20.71	24.08	26.48	33	PASS
N38	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	26.51	25.98	29.26	31.66	33	PASS
N38	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	26.31	25.88	29.11	31.51	33	PASS
N38	30	20	DFT-PI2BPSK	M	Outer_Full	25.09	24.41	27.77	30.17	33	PASS
N38	30	20	DFT-QPSK	M	Inner_1RB_Left	26.57	26.05	29.33	31.73	33	PASS
N38	30	20	DFT-QPSK	M	Inner_1RB_Right	26.59	26.06	29.34	31.74	33	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	25.03	24.56	27.81	30.21	33	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Left	25.17	25.05	28.12	30.52	33	PASS
N38	30	20	DFT-16QAM	M	Inner_1RB_Right	25.39	25.1	28.26	30.66	33	PASS
N38	30	20	DFT-16QAM	M	Outer_Full	24.55	23.84	27.22	29.62	33	PASS
N38	30	20	DFT-64QAM	M	Inner_1RB_Left	24.03	23.51	26.79	29.19	33	PASS
N38	30	20	DFT-64QAM	M	Inner_1RB_Right	24.16	23.79	26.99	29.39	33	PASS
N38	30	20	DFT-64QAM	M	Outer_Full	23.8	23.69	26.76	29.16	33	PASS
N38	30	20	DFT-256QAM	M	Inner_1RB_Left	20.93	20.33	23.65	26.05	33	PASS
N38	30	20	DFT-256QAM	M	Inner_1RB_Right	21	20.34	23.69	26.09	33	PASS
N38	30	20	DFT-256QAM	M	Outer_Full	21.4	20.98	24.21	26.61	33	PASS
N38	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	26.51	25.83	29.19	31.59	33	PASS



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N38	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	26.54	26.23	29.4	31.8	33	PASS
N38	30	20	DFT-PI2BPSK	H	Outer_Full	24.76	24.5	27.64	30.04	33	PASS
N38	30	20	DFT-QPSK	H	Inner_1RB_Left	26.36	26.06	29.22	31.62	33	PASS
N38	30	20	DFT-QPSK	H	Inner_1RB_Right	26.29	26.17	29.24	31.64	33	PASS
N38	30	20	DFT-QPSK	H	Outer_Full	25.03	24.66	27.86	30.26	33	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Left	25.2	24.88	28.05	30.45	33	PASS
N38	30	20	DFT-16QAM	H	Inner_1RB_Right	25.13	25.03	28.09	30.49	33	PASS
N38	30	20	DFT-16QAM	H	Outer_Full	24.43	24.06	27.26	29.66	33	PASS
N38	30	20	DFT-64QAM	H	Inner_1RB_Left	23.88	23.38	26.65	29.05	33	PASS
N38	30	20	DFT-64QAM	H	Inner_1RB_Right	23.84	23.78	26.82	29.22	33	PASS
N38	30	20	DFT-64QAM	H	Outer_Full	23.83	23.68	26.77	29.17	33	PASS
N38	30	20	DFT-256QAM	H	Inner_1RB_Left	21.01	20.46	23.75	26.15	33	PASS
N38	30	20	DFT-256QAM	H	Inner_1RB_Right	20.86	20.76	23.82	26.22	33	PASS
N38	30	20	DFT-256QAM	H	Outer_Full	21.36	20.97	24.18	26.58	33	PASS
N38	30	25	DFT-PI2BPSK	L	Inner_1RB_Left	26.72	25.92	29.35	31.75	33	PASS
N38	30	25	DFT-PI2BPSK	L	Inner_1RB_Right	26.46	26.15	29.32	31.72	33	PASS
N38	30	25	DFT-PI2BPSK	L	Outer_Full	24.58	24.45	27.53	29.93	33	PASS
N38	30	25	DFT-QPSK	L	Inner_1RB_Left	26.6	25.86	29.26	31.66	33	PASS
N38	30	25	DFT-QPSK	L	Inner_1RB_Right	26.83	26.18	29.53	31.93	33	PASS
N38	30	25	DFT-QPSK	L	Outer_Full	25.03	24.08	27.59	29.99	33	PASS
N38	30	25	DFT-16QAM	L	Inner_1RB_Left	25.5	24.76	28.16	30.56	33	PASS



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N38	30	25	DFT-16QAM	L	Inner_1RB_Right	25.37	24.87	28.14	30.54	33	PASS
N38	30	25	DFT-16QAM	L	Outer_Full	24.32	23.73	27.05	29.45	33	PASS
N38	30	25	DFT-64QAM	L	Inner_1RB_Left	23.96	23.71	26.85	29.25	33	PASS
N38	30	25	DFT-64QAM	L	Inner_1RB_Right	24.39	23.55	27	29.4	33	PASS
N38	30	25	DFT-64QAM	L	Outer_Full	24.03	23.18	26.64	29.04	33	PASS
N38	30	25	DFT-256QAM	L	Inner_1RB_Left	20.77	20.39	23.59	25.99	33	PASS
N38	30	25	DFT-256QAM	L	Inner_1RB_Right	21.32	20.43	23.91	26.31	33	PASS
N38	30	25	DFT-256QAM	L	Outer_Full	21.68	21.07	24.4	26.8	33	PASS
N38	30	25	DFT-PI2BPSK	M	Inner_1RB_Left	26.52	25.91	29.24	31.64	33	PASS
N38	30	25	DFT-PI2BPSK	M	Inner_1RB_Right	26.5	26.12	29.32	31.72	33	PASS
N38	30	25	DFT-PI2BPSK	M	Outer_Full	24.97	24.34	27.68	30.08	33	PASS
N38	30	25	DFT-QPSK	M	Inner_1RB_Left	26.35	25.97	29.17	31.57	33	PASS
N38	30	25	DFT-QPSK	M	Inner_1RB_Right	26.59	25.99	29.31	31.71	33	PASS
N38	30	25	DFT-QPSK	M	Outer_Full	25	24.34	27.69	30.09	33	PASS
N38	30	25	DFT-16QAM	M	Inner_1RB_Left	25.31	24.65	28	30.4	33	PASS
N38	30	25	DFT-16QAM	M	Inner_1RB_Right	25.29	25.15	28.23	30.63	33	PASS
N38	30	25	DFT-16QAM	M	Outer_Full	24.37	23.93	27.17	29.57	33	PASS
N38	30	25	DFT-64QAM	M	Inner_1RB_Left	23.92	23.48	26.72	29.12	33	PASS
N38	30	25	DFT-64QAM	M	Inner_1RB_Right	24.25	23.69	26.99	29.39	33	PASS
N38	30	25	DFT-64QAM	M	Outer_Full	24.17	23.47	26.84	29.24	33	PASS
N38	30	25	DFT-256QAM	M	Inner_1RB_Left	20.76	20.58	23.68	26.08	33	PASS



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N38	30	25	DFT-256QAM	M	Inner_1RB_Right	20.76	20.61	23.7	26.1	33	PASS
N38	30	25	DFT-256QAM	M	Outer_Full	21.13	20.77	23.96	26.36	33	PASS
N38	30	25	DFT-PI2BPSK	H	Inner_1RB_Left	26.48	25.92	29.22	31.62	33	PASS
N38	30	25	DFT-PI2BPSK	H	Inner_1RB_Right	26.36	26.41	29.4	31.8	33	PASS
N38	30	25	DFT-PI2BPSK	H	Outer_Full	24.66	24.6	27.64	30.04	33	PASS
N38	30	25	DFT-QPSK	H	Inner_1RB_Left	26.67	25.89	29.31	31.71	33	PASS
N38	30	25	DFT-QPSK	H	Inner_1RB_Right	26.43	26.13	29.29	31.69	33	PASS
N38	30	25	DFT-QPSK	H	Outer_Full	24.73	24.54	27.65	30.05	33	PASS
N38	30	25	DFT-16QAM	H	Inner_1RB_Left	25.46	24.88	28.19	30.59	33	PASS
N38	30	25	DFT-16QAM	H	Inner_1RB_Right	25.34	25.2	28.28	30.68	33	PASS
N38	30	25	DFT-16QAM	H	Outer_Full	24.27	24.08	27.19	29.59	33	PASS
N38	30	25	DFT-64QAM	H	Inner_1RB_Left	24.29	23.79	27.06	29.46	33	PASS
N38	30	25	DFT-64QAM	H	Inner_1RB_Right	24.19	23.74	26.98	29.38	33	PASS
N38	30	25	DFT-64QAM	H	Outer_Full	23.92	23.45	26.7	29.1	33	PASS
N38	30	25	DFT-256QAM	H	Inner_1RB_Left	21.11	20.28	23.73	26.13	33	PASS
N38	30	25	DFT-256QAM	H	Inner_1RB_Right	20.71	20.39	23.56	25.96	33	PASS
N38	30	25	DFT-256QAM	H	Outer_Full	21.45	21.18	24.33	26.73	33	PASS
N38	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	26.47	25.63	29.08	31.48	33	PASS
N38	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	26.42	25.8	29.13	31.53	33	PASS
N38	30	30	DFT-PI2BPSK	L	Outer_Full	24.8	24.52	27.67	30.07	33	PASS
N38	30	30	DFT-QPSK	L	Inner_1RB_Left	26.37	25.98	29.19	31.59	33	PASS



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N38	30	30	DFT-QPSK	L	Inner_1RB_Right	26.58	26.13	29.37	31.77	33	PASS
N38	30	30	DFT-QPSK	L	Outer_Full	25.13	24.53	27.85	30.25	33	PASS
N38	30	30	DFT-16QAM	L	Inner_1RB_Left	25.41	25.15	28.29	30.69	33	PASS
N38	30	30	DFT-16QAM	L	Inner_1RB_Right	25.4	24.83	28.13	30.53	33	PASS
N38	30	30	DFT-16QAM	L	Outer_Full	24.34	23.68	27.03	29.43	33	PASS
N38	30	30	DFT-64QAM	L	Inner_1RB_Left	24.02	23.38	26.72	29.12	33	PASS
N38	30	30	DFT-64QAM	L	Inner_1RB_Right	24.21	23.72	26.98	29.38	33	PASS
N38	30	30	DFT-64QAM	L	Outer_Full	23.87	23.59	26.74	29.14	33	PASS
N38	30	30	DFT-256QAM	L	Inner_1RB_Left	20.92	20.05	23.52	25.92	33	PASS
N38	30	30	DFT-256QAM	L	Inner_1RB_Right	21.33	20.54	23.96	26.36	33	PASS
N38	30	30	DFT-256QAM	L	Outer_Full	21.37	20.84	24.12	26.52	33	PASS
N38	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	26.26	25.97	29.13	31.53	33	PASS
N38	30	30	DFT-PI2BPSK	M	Inner_1RB_Right	26.55	26.26	29.42	31.82	33	PASS
N38	30	30	DFT-PI2BPSK	M	Outer_Full	24.92	24.55	27.75	30.15	33	PASS
N38	30	30	DFT-QPSK	M	Inner_1RB_Left	26.47	25.83	29.17	31.57	33	PASS
N38	30	30	DFT-QPSK	M	Inner_1RB_Right	26.34	26.25	29.31	31.71	33	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	24.86	24.42	27.66	30.06	33	PASS
N38	30	30	DFT-16QAM	M	Inner_1RB_Left	25.48	24.85	28.19	30.59	33	PASS
N38	30	30	DFT-16QAM	M	Inner_1RB_Right	25.6	25.06	28.35	30.75	33	PASS
N38	30	30	DFT-16QAM	M	Outer_Full	24.54	23.69	27.15	29.55	33	PASS
N38	30	30	DFT-64QAM	M	Inner_1RB_Left	24.08	23.45	26.79	29.19	33	PASS



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N38	30	30	DFT-64QAM	M	Inner_1RB_Right	24.04	23.94	27	29.4	33	PASS
N38	30	30	DFT-64QAM	M	Outer_Full	24.11	23.51	26.83	29.23	33	PASS
N38	30	30	DFT-256QAM	M	Inner_1RB_Left	20.86	20.49	23.69	26.09	33	PASS
N38	30	30	DFT-256QAM	M	Inner_1RB_Right	21.12	20.88	24.01	26.41	33	PASS
N38	30	30	DFT-256QAM	M	Outer_Full	21.51	20.96	24.25	26.65	33	PASS
N38	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	26.47	25.99	29.25	31.65	33	PASS
N38	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	26.46	26.14	29.31	31.71	33	PASS
N38	30	30	DFT-PI2BPSK	H	Outer_Full	24.79	24.64	27.73	30.13	33	PASS
N38	30	30	DFT-QPSK	H	Inner_1RB_Left	26.54	25.89	29.24	31.64	33	PASS
N38	30	30	DFT-QPSK	H	Inner_1RB_Right	26.16	26.11	29.15	31.55	33	PASS
N38	30	30	DFT-QPSK	H	Outer_Full	24.79	24.73	27.77	30.17	33	PASS
N38	30	30	DFT-16QAM	H	Inner_1RB_Left	25.42	24.77	28.12	30.52	33	PASS
N38	30	30	DFT-16QAM	H	Inner_1RB_Right	25.77	24.84	28.34	30.74	33	PASS
N38	30	30	DFT-16QAM	H	Outer_Full	24.45	23.7	27.1	29.5	33	PASS
N38	30	30	DFT-64QAM	H	Inner_1RB_Left	24.1	23.48	26.81	29.21	33	PASS
N38	30	30	DFT-64QAM	H	Inner_1RB_Right	23.94	23.52	26.75	29.15	33	PASS
N38	30	30	DFT-64QAM	H	Outer_Full	23.92	23.38	26.67	29.07	33	PASS
N38	30	30	DFT-256QAM	H	Inner_1RB_Left	20.84	20.51	23.69	26.09	33	PASS
N38	30	30	DFT-256QAM	H	Inner_1RB_Right	20.89	20.75	23.83	26.23	33	PASS
N38	30	30	DFT-256QAM	H	Outer_Full	21.18	21.1	24.15	26.55	33	PASS
N38	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	26.5	25.61	29.09	31.49	33	PASS



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N38	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	26.21	26.16	29.2	31.6	33	PASS
N38	30	40	DFT-PI2BPSK	L	Outer_Full	24.96	24.78	27.88	30.28	33	PASS
N38	30	40	DFT-QPSK	L	Inner_1RB_Left	26.43	25.67	29.08	31.48	33	PASS
N38	30	40	DFT-QPSK	L	Inner_1RB_Right	26.54	26.12	29.35	31.75	33	PASS
N38	30	40	DFT-QPSK	L	Outer_Full	24.98	24.22	27.63	30.03	33	PASS
N38	30	40	DFT-16QAM	L	Inner_1RB_Left	25.37	24.81	28.11	30.51	33	PASS
N38	30	40	DFT-16QAM	L	Inner_1RB_Right	25.35	25.09	28.23	30.63	33	PASS
N38	30	40	DFT-16QAM	L	Outer_Full	24.61	23.68	27.18	29.58	33	PASS
N38	30	40	DFT-64QAM	L	Inner_1RB_Left	23.89	23.39	26.66	29.06	33	PASS
N38	30	40	DFT-64QAM	L	Inner_1RB_Right	23.97	23.37	26.69	29.09	33	PASS
N38	30	40	DFT-64QAM	L	Outer_Full	23.72	23.31	26.53	28.93	33	PASS
N38	30	40	DFT-256QAM	L	Inner_1RB_Left	20.49	20.09	23.3	25.7	33	PASS
N38	30	40	DFT-256QAM	L	Inner_1RB_Right	20.93	20.6	23.78	26.18	33	PASS
N38	30	40	DFT-256QAM	L	Outer_Full	21.21	20.63	23.94	26.34	33	PASS
N38	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	26.29	25.73	29.03	31.43	33	PASS
N38	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	26.3	26.19	29.26	31.66	33	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	25.26	24.77	28.03	30.43	33	PASS
N38	30	40	DFT-QPSK	M	Inner_1RB_Left	26.45	25.67	29.09	31.49	33	PASS
N38	30	40	DFT-QPSK	M	Inner_1RB_Right	26.35	26.23	29.3	31.7	33	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	25.14	24.35	27.77	30.17	33	PASS
N38	30	40	DFT-16QAM	M	Inner_1RB_Left	25.68	24.84	28.29	30.69	33	PASS



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N38	30	40	DFT-16QAM	M	Inner_1RB_Right	25.41	25.37	28.4	30.8	33	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	24.54	23.88	27.23	29.63	33	PASS
N38	30	40	DFT-64QAM	M	Inner_1RB_Left	23.86	23.4	26.65	29.05	33	PASS
N38	30	40	DFT-64QAM	M	Inner_1RB_Right	24.17	23.83	27.01	29.41	33	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	23.86	23.56	26.72	29.12	33	PASS
N38	30	40	DFT-256QAM	M	Inner_1RB_Left	20.96	20.12	23.57	25.97	33	PASS
N38	30	40	DFT-256QAM	M	Inner_1RB_Right	20.95	20.61	23.79	26.19	33	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	21.37	20.96	24.18	26.58	33	PASS
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	26.4	25.8	29.12	31.52	33	PASS
N38	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	26.47	26.18	29.34	31.74	33	PASS
N38	30	40	DFT-PI2BPSK	H	Outer_Full	24.93	24.44	27.7	30.1	33	PASS
N38	30	40	DFT-QPSK	H	Inner_1RB_Left	26.63	25.77	29.23	31.63	33	PASS
N38	30	40	DFT-QPSK	H	Inner_1RB_Right	26.21	26.21	29.22	31.62	33	PASS
N38	30	40	DFT-QPSK	H	Outer_Full	25.07	24.42	27.77	30.17	33	PASS
N38	30	40	DFT-16QAM	H	Inner_1RB_Left	25.37	24.74	28.08	30.48	33	PASS
N38	30	40	DFT-16QAM	H	Inner_1RB_Right	25.53	25.14	28.35	30.75	33	PASS
N38	30	40	DFT-16QAM	H	Outer_Full	24.42	23.75	27.11	29.51	33	PASS
N38	30	40	DFT-64QAM	H	Inner_1RB_Left	24.12	23.43	26.8	29.2	33	PASS
N38	30	40	DFT-64QAM	H	Inner_1RB_Right	24.2	23.92	27.07	29.47	33	PASS
N38	30	40	DFT-64QAM	H	Outer_Full	24.22	23.48	26.88	29.28	33	PASS
N38	30	40	DFT-256QAM	H	Inner_1RB_Left	20.6	20.43	23.53	25.93	33	PASS



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N38	30	40	DFT-256QAM	H	Inner_1RB_Right	20.85	20.85	23.86	26.26	33	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	21.36	21.06	24.22	26.62	33	PASS



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Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N38	30	40	DFT-256QAM	L	Outer_Full	6.43	13	PASS
N38	30	40	CP-256QAM	L	Outer_Full	8.39	13	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	6.45	13	PASS
N38	30	40	CP-256QAM	M	Outer_Full	8.41	13	PASS
N38	30	40	DFT-256QAM	H	Outer_Full	6.46	13	PASS
N38	30	40	CP-256QAM	H	Outer_Full	8.46	13	PASS



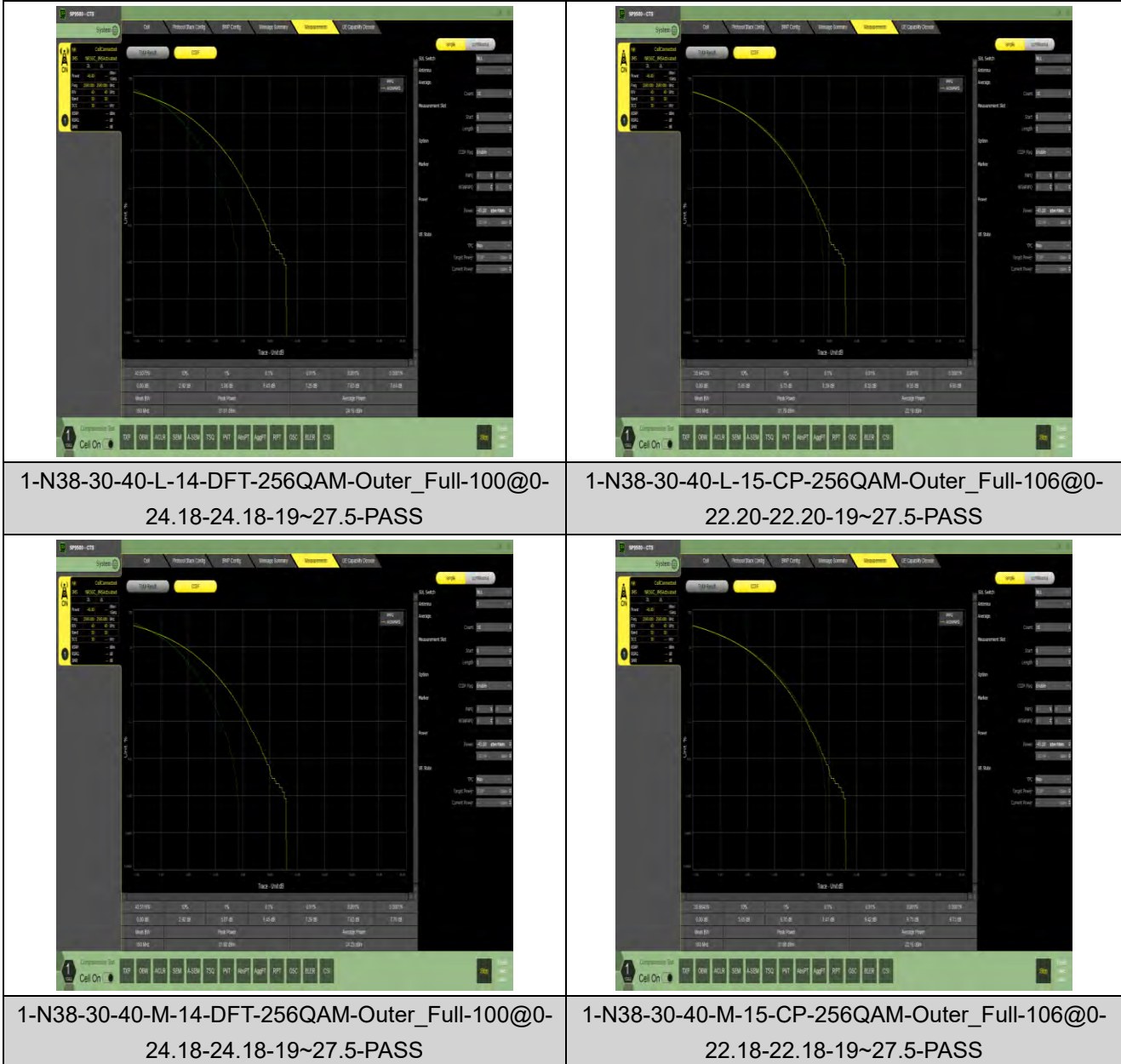
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Test Graphs



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1-N38-30-40-H-14-DFT-256QAM-Outer_Full-100@0-24.26-24.26-19~27.5-PASS

1-N38-30-40-H-15-CP-256QAM-Outer_Full-106@0-22.21-22.21-19~27.5-PASS



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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
N38	30	10	DFT-QPSK	M	Outer_Full	8.605	9.720	PASS
N38	30	10	DFT-PI2BPSK	M	Outer_Full	8.56	9.420	PASS
N38	30	10	DFT-16QAM	M	Outer_Full	8.575	9.640	PASS
N38	30	10	DFT-64QAM	M	Outer_Full	8.569	9.580	PASS
N38	30	10	DFT-256QAM	M	Outer_Full	8.541	9.320	PASS
N38	30	10	CP-QPSK	M	Outer_Full	8.57	9.740	PASS
N38	30	10	CP-16QAM	M	Outer_Full	8.584	9.520	PASS
N38	30	10	CP-64QAM	M	Outer_Full	8.54	9.400	PASS
N38	30	10	CP-256QAM	M	Outer_Full	8.572	9.220	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	12.864	14.310	PASS
N38	30	15	DFT-PI2BPSK	M	Outer_Full	12.884	14.220	PASS
N38	30	15	DFT-16QAM	M	Outer_Full	12.908	14.490	PASS
N38	30	15	DFT-64QAM	M	Outer_Full	12.914	14.280	PASS
N38	30	15	DFT-256QAM	M	Outer_Full	12.924	14.340	PASS
N38	30	15	CP-QPSK	M	Outer_Full	13.606	15.300	PASS
N38	30	15	CP-16QAM	M	Outer_Full	13.678	14.880	PASS
N38	30	15	CP-64QAM	M	Outer_Full	13.642	14.760	PASS
N38	30	15	CP-256QAM	M	Outer_Full	13.63	15.030	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	17.732	19.040	PASS
N38	30	20	DFT-PI2BPSK	M	Outer_Full	17.854	19.520	PASS
N38	30	20	DFT-16QAM	M	Outer_Full	17.832	19.480	PASS
N38	30	20	DFT-64QAM	M	Outer_Full	17.899	19.600	PASS
N38	30	20	DFT-256QAM	M	Outer_Full	17.834	19.440	PASS
N38	30	20	CP-QPSK	M	Outer_Full	18.279	19.640	PASS
N38	30	20	CP-16QAM	M	Outer_Full	18.186	19.720	PASS
N38	30	20	CP-64QAM	M	Outer_Full	18.212	19.520	PASS
N38	30	20	CP-256QAM	M	Outer_Full	18.196	19.600	PASS
N38	30	25	DFT-QPSK	M	Outer_Full	22.796	24.300	PASS
N38	30	25	DFT-PI2BPSK	M	Outer_Full	22.809	24.100	PASS



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N38	30	25	DFT-16QAM	M	Outer_Full	22.854	24.250	PASS
N38	30	25	DFT-64QAM	M	Outer_Full	22.886	24.550	PASS
N38	30	25	DFT-256QAM	M	Outer_Full	22.783	24.600	PASS
N38	30	25	CP-QPSK	M	Outer_Full	23.19	24.650	PASS
N38	30	25	CP-16QAM	M	Outer_Full	23.203	24.700	PASS
N38	30	25	CP-64QAM	M	Outer_Full	23.26	24.550	PASS
N38	30	25	CP-256QAM	M	Outer_Full	23.227	24.750	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	26.785	27.720	PASS
N38	30	30	DFT-PI2BPSK	M	Outer_Full	26.635	28.380	PASS
N38	30	30	DFT-16QAM	M	Outer_Full	26.718	28.020	PASS
N38	30	30	DFT-64QAM	M	Outer_Full	26.738	28.200	PASS
N38	30	30	DFT-256QAM	M	Outer_Full	26.807	28.140	PASS
N38	30	30	CP-QPSK	M	Outer_Full	27.832	29.400	PASS
N38	30	30	CP-16QAM	M	Outer_Full	27.87	29.160	PASS
N38	30	30	CP-64QAM	M	Outer_Full	27.821	29.520	PASS
N38	30	30	CP-256QAM	M	Outer_Full	27.917	29.520	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	36.006	38.480	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	36.062	38.160	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	35.94	38.640	PASS
N38	30	40	DFT-64QAM	M	Outer_Full	35.928	38.800	PASS
N38	30	40	DFT-256QAM	M	Outer_Full	35.95	38.320	PASS
N38	30	40	CP-QPSK	M	Outer_Full	38.08	40.560	PASS
N38	30	40	CP-16QAM	M	Outer_Full	38.094	40.640	PASS
N38	30	40	CP-64QAM	M	Outer_Full	38.07	40.640	PASS
N38	30	40	CP-256QAM	M	Outer_Full	37.979	40.480	PASS

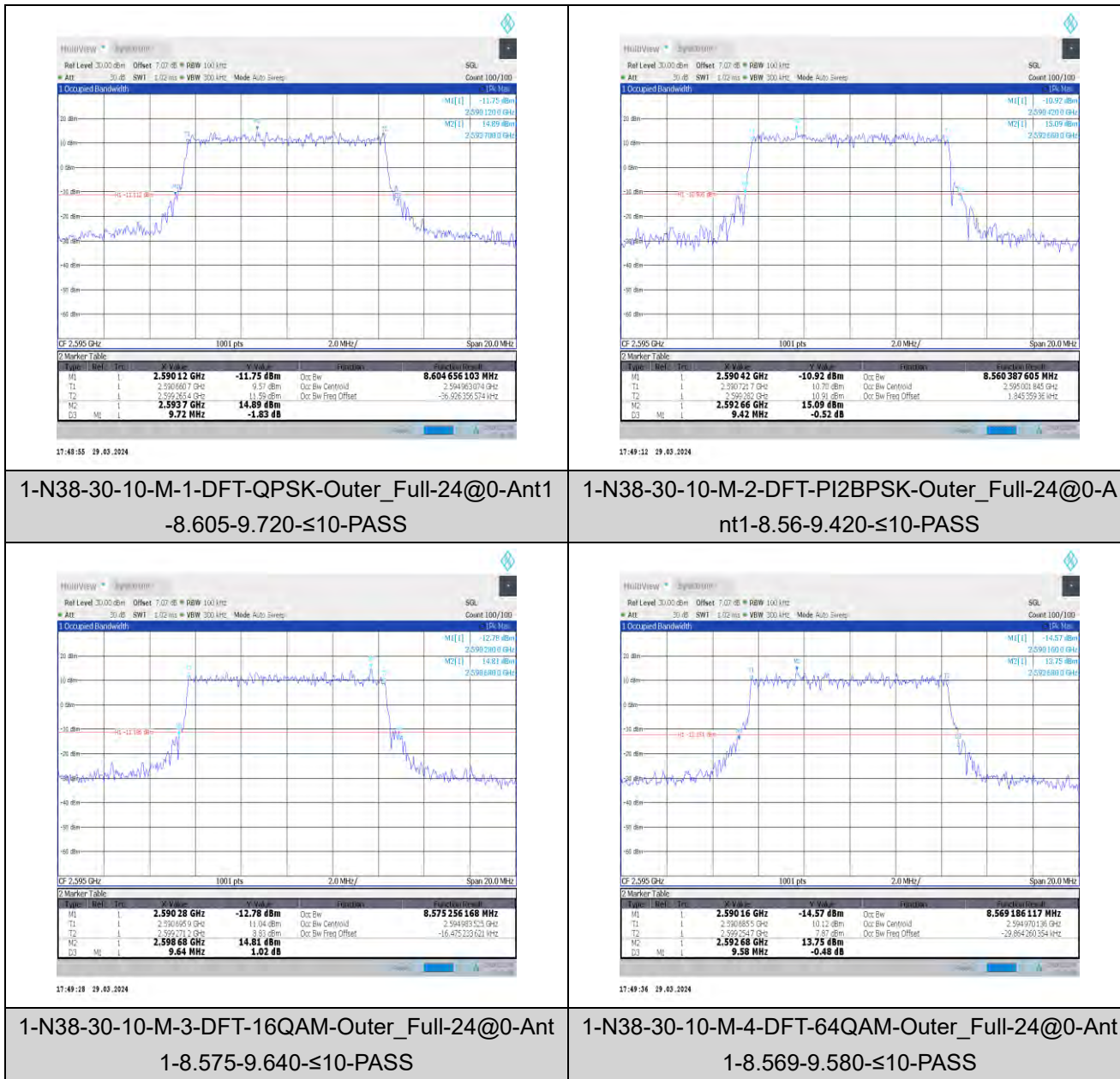


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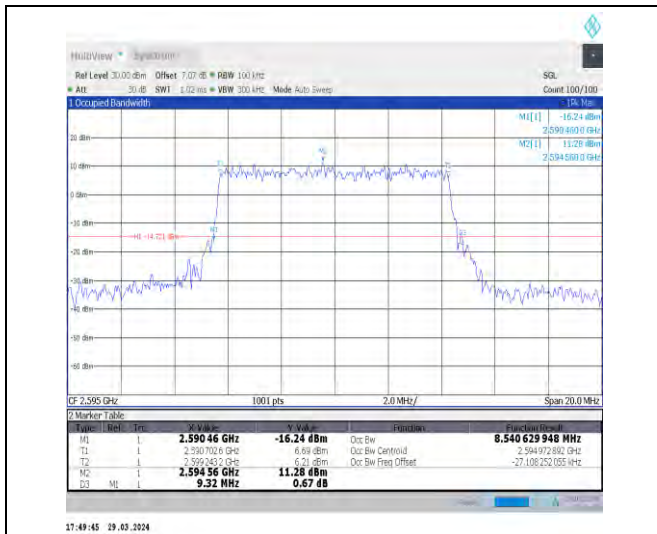
Test Graphs



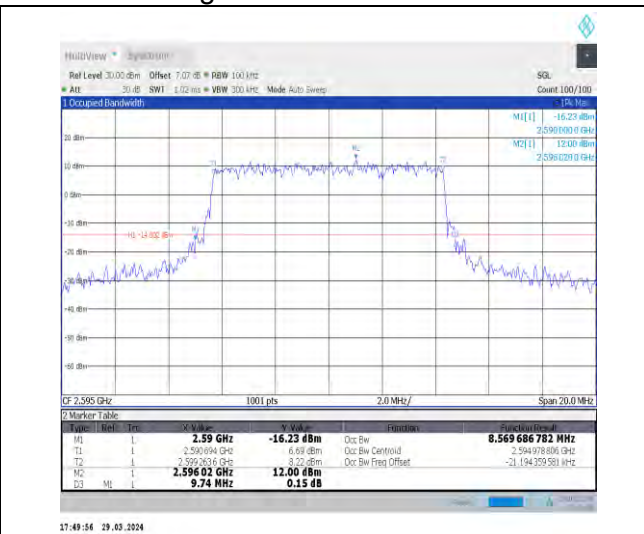
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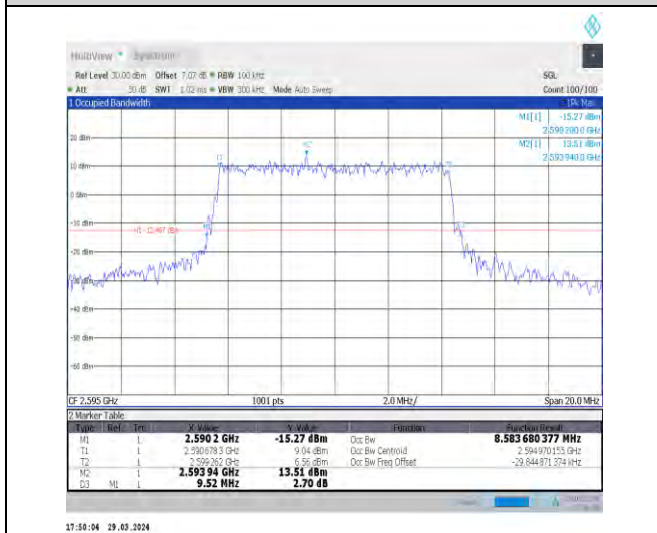
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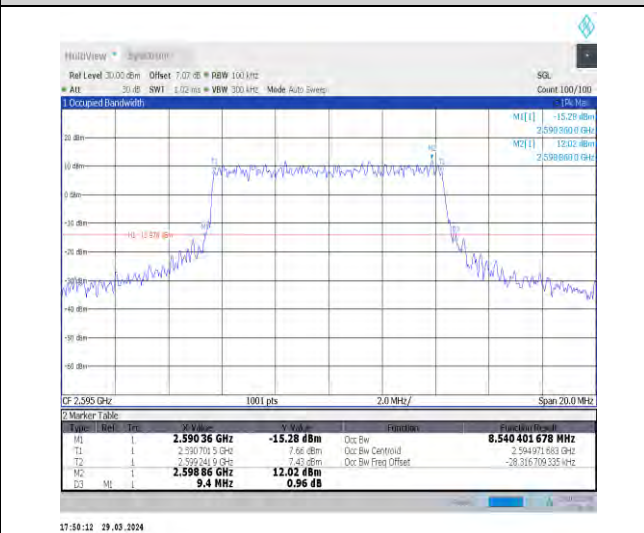
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-8.584-9.520-≤10-PASS



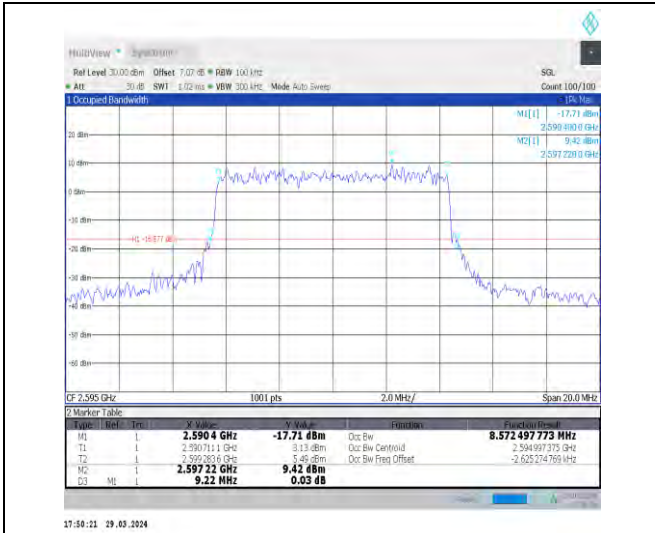
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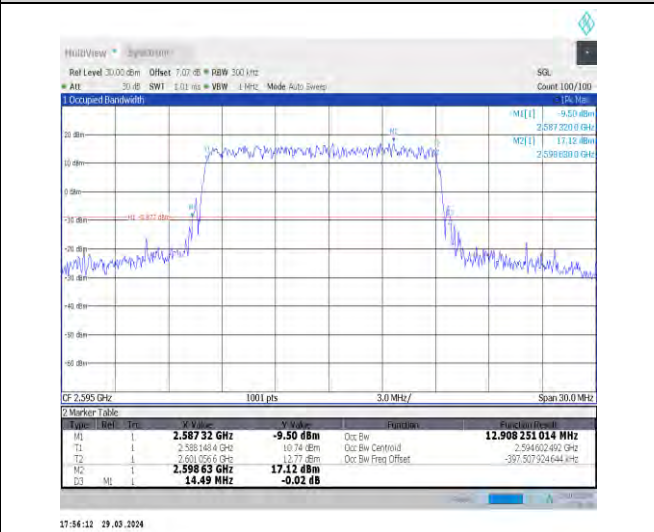
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1-N38-30-15-M-1-DFT-QPSK-Outer_Full-36@0-Ant1
-12.864-14.310-≤15-PASS



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nt1-12.884-14.220-≤15-PASS



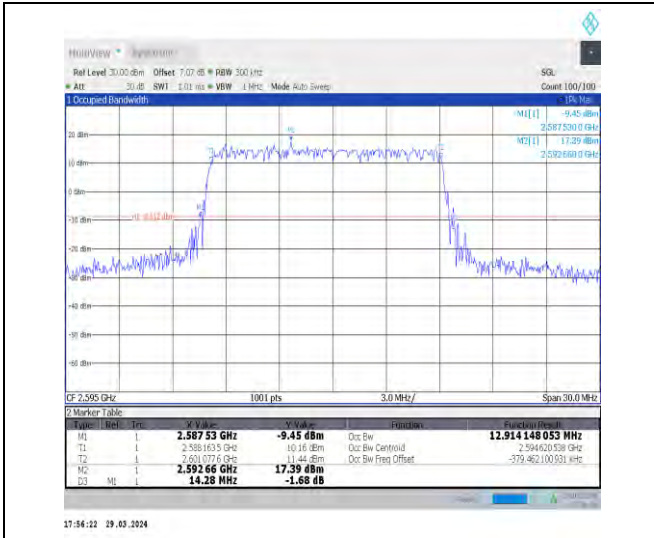
1-N38-30-15-M-3-DFT-16QAM-Outer_Full-36@0-Ant
1-12.908-14.490-≤15-PASS



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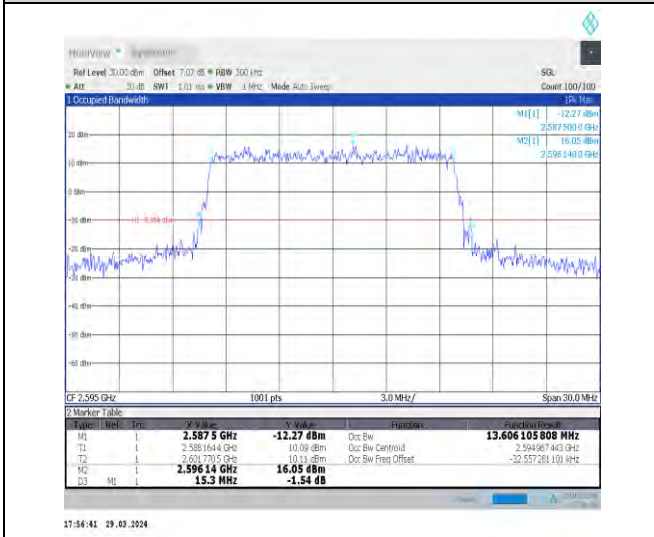
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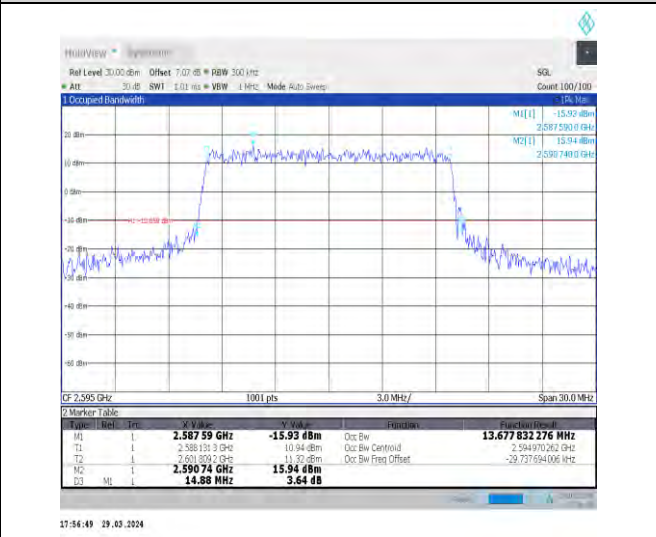
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1-N38-30-15-M-5-DFT-256QAM-Outer_Full-36@0-A
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1-N38-30-15-M-6-CP-QPSK-Outer_Full-38@0-Ant1
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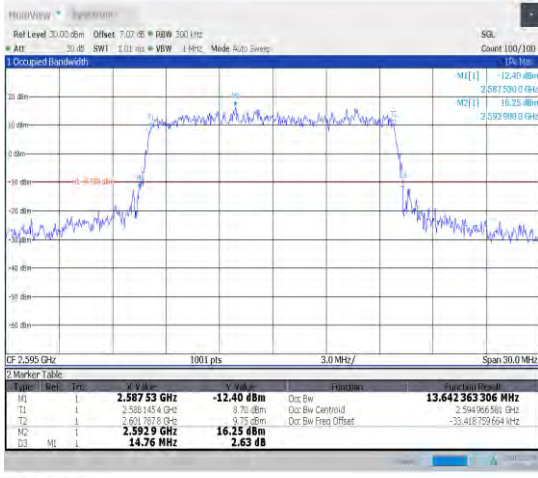
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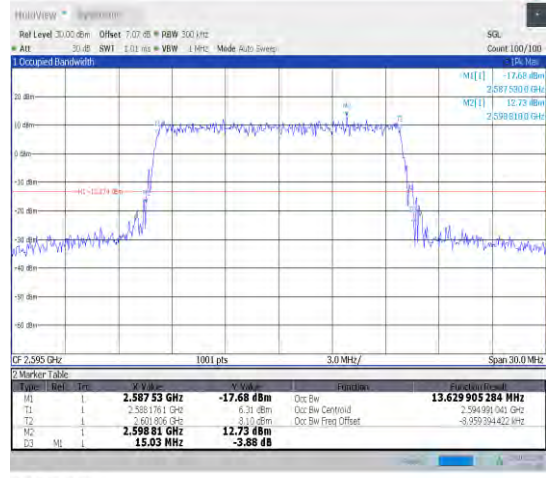
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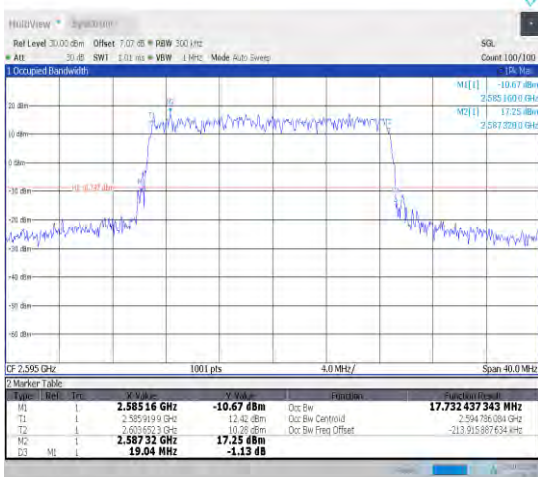
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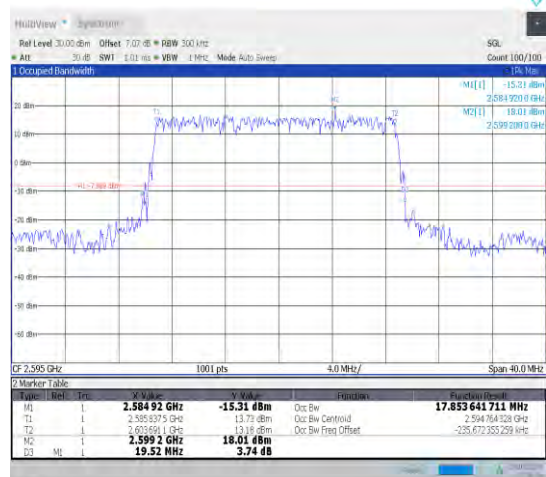
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17:58:04 29.03.2024

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17:58:11 29.03.2024

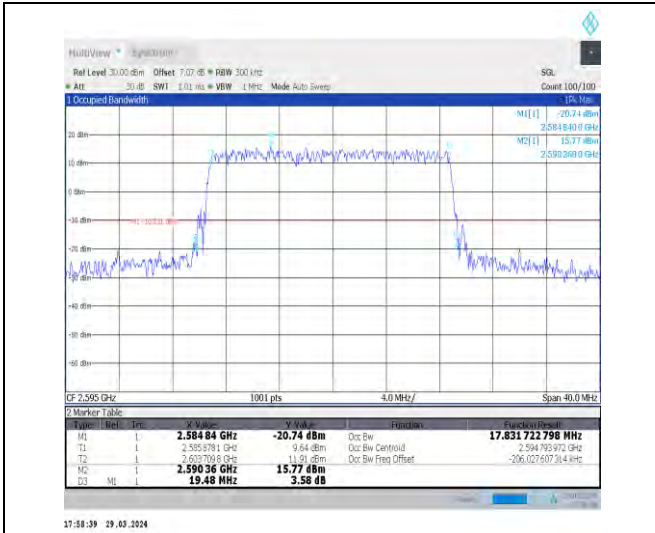
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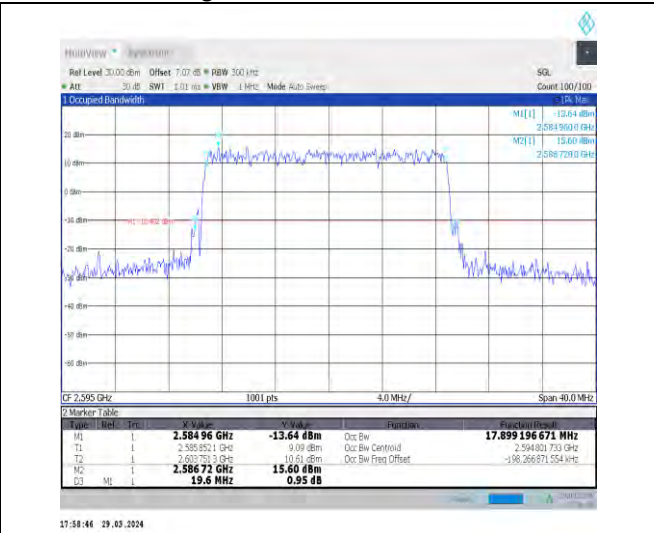
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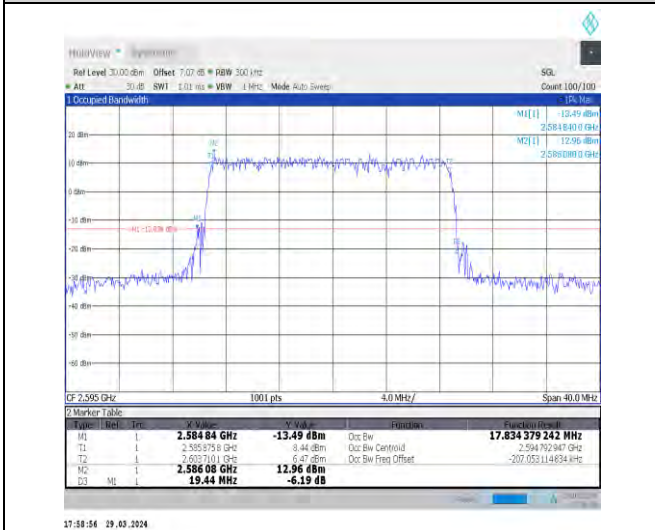
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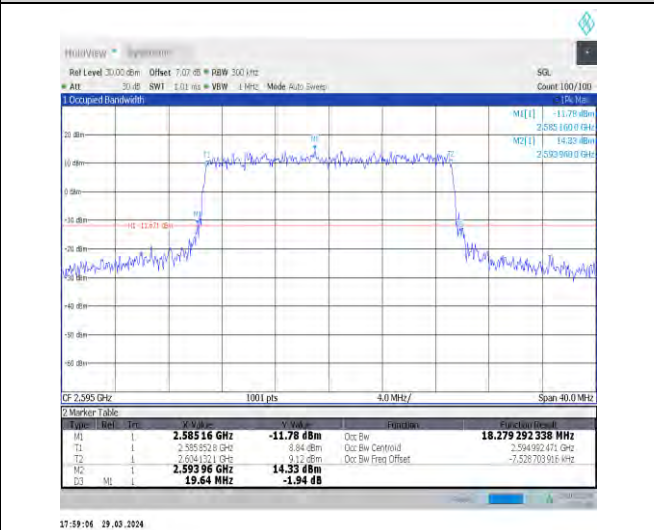
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1-17.832-19.480-≤20-PASS



1-N38-30-20-M-4-DFT-64QAM-Outer_Full-50@0-Ant
1-17.899-19.600-≤20-PASS



1-N38-30-20-M-5-DFT-256QAM-Outer_Full-50@0-A
nt1-17.834-19.440-≤20-PASS



1-N38-30-20-M-6-CP-QPSK-Outer_Full-51@0-Ant1
18.279-19.640-≤20-PASS



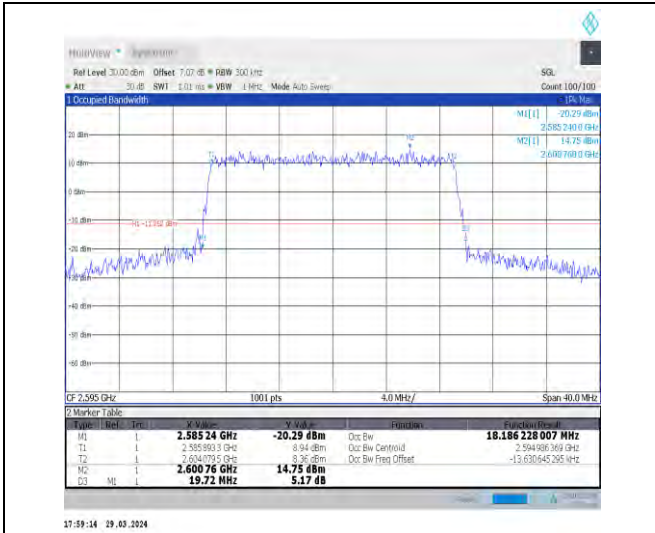
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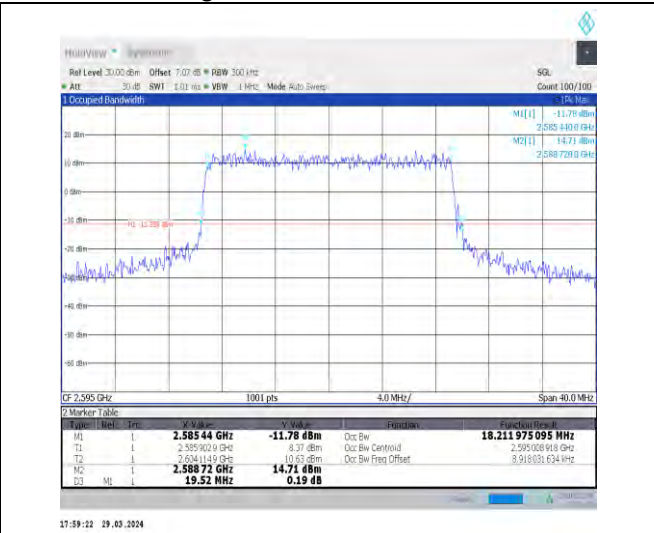
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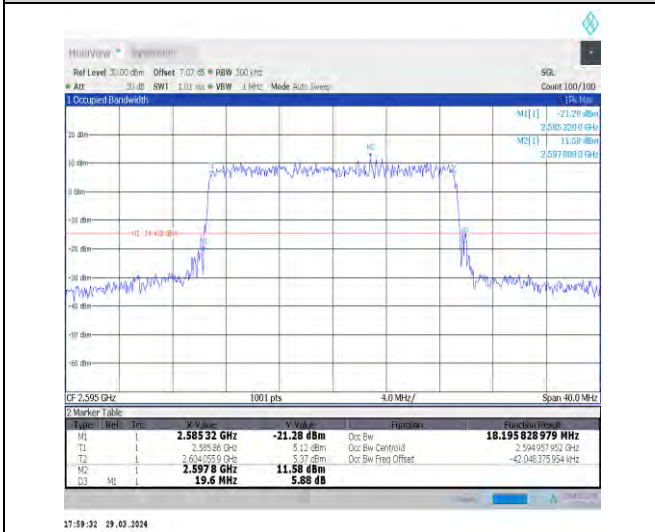
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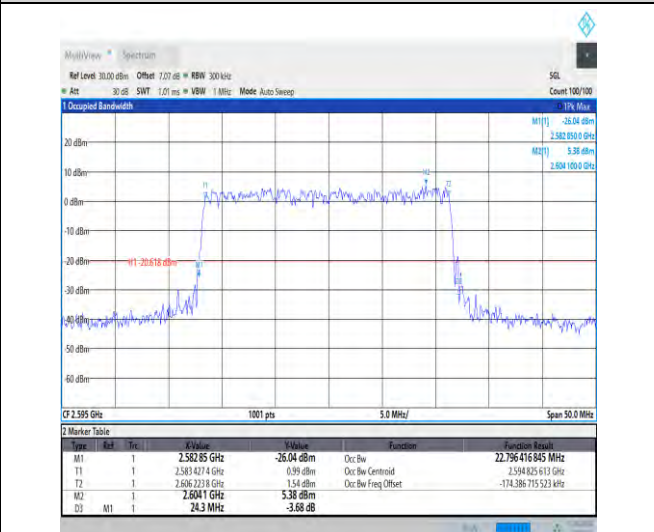
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-18.186-19.720-≤20-PASS



1-N38-30-20-M-8-CP-64QAM-Outer_Full-51@0-Ant1
-18.212-19.520-≤20-PASS



1-N38-30-20-M-9-CP-256QAM-Outer_Full-51@0-Ant
1-18.196-19.600-≤20-PASS



1-N38-30-25-M-1-DFT-QPSK-Outer_Full-75@0-Ant1
-26.785-27.720-≤30-PASS



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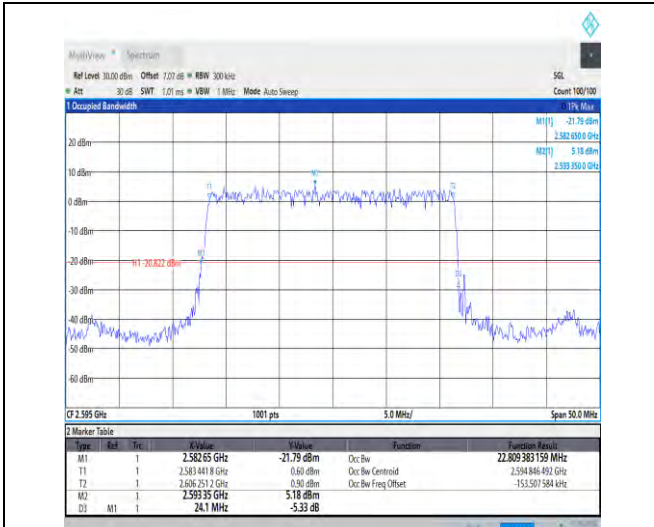
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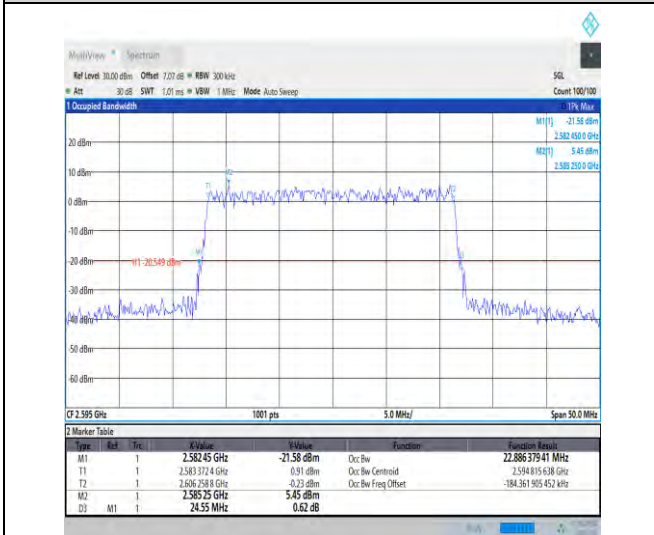
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1-N38-30-25-M-2-DFT-PI2BPSK-Outer_Full-75@0-A
nt1-26.635-28.380-≤30-PASS



1-N38-30-25-M-3-DFT-16QAM-Outer_Full-75@0-Ant
1-26.718-28.020-≤30-PASS



1-N38-30-25-M-4-DFT-64QAM-Outer_Full-75@0-Ant
1-26.738-28.200-≤30-PASS



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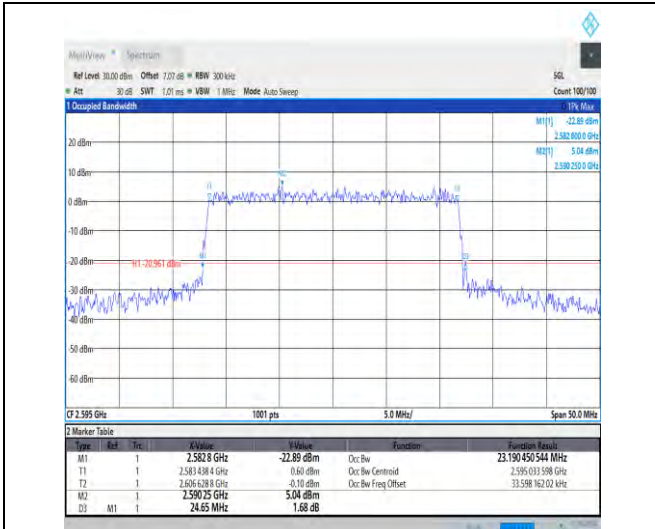
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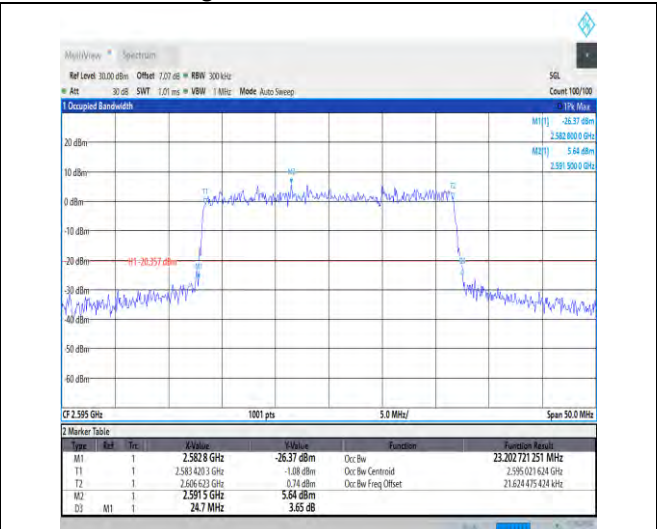
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1-N38-30-25-M-6-CP-QPSK-Outer_Full-78@0-Ant1-27.832-29.400-≤30-PASS



1-N38-30-25-M-7-CP-16QAM-Outer_Full-78@0-Ant1-27.87-29.160-≤30-PASS



1-N38-30-25-M-8-CP-64QAM-Outer_Full-78@0-Ant1-27.821-29.520-≤30-PASS



1-N38-30-25-M-9-CP-256QAM-Outer_Full-78@0-Ant1-27.917-29.520-≤30-PASS



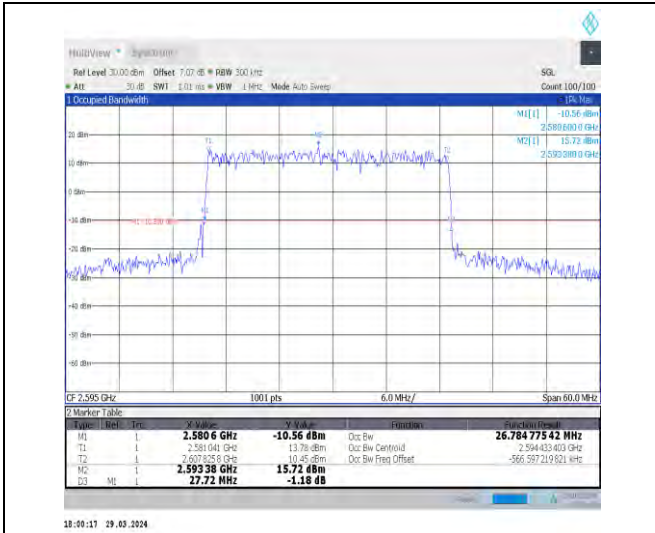
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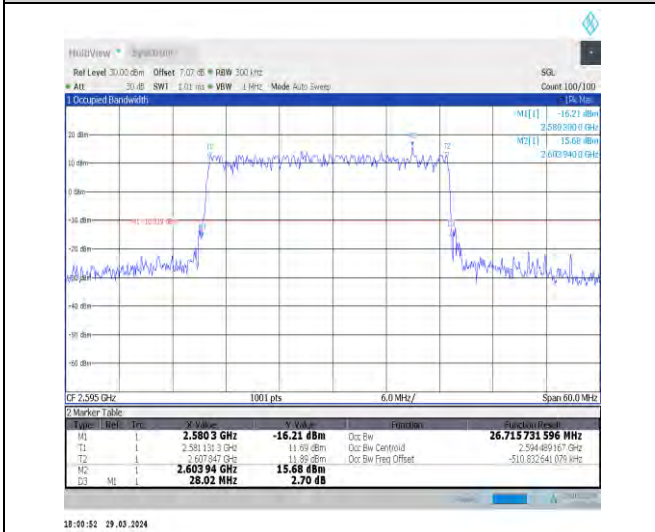
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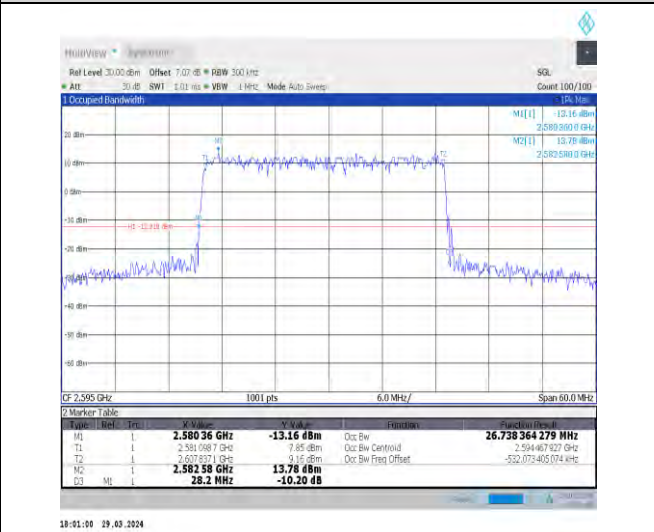
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1-36.006-38.480-≤40-PASS



1-N38-30-30-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant
1-36.062-38.160-≤40-PASS



1-N38-30-30-M-3-DFT-16QAM-Outer_Full-100@0-A
nt1-35.94-38.640-≤40-PASS



1-N38-30-30-M-4-DFT-64QAM-Outer_Full-100@0-A
nt1-35.928-38.800-≤40-PASS



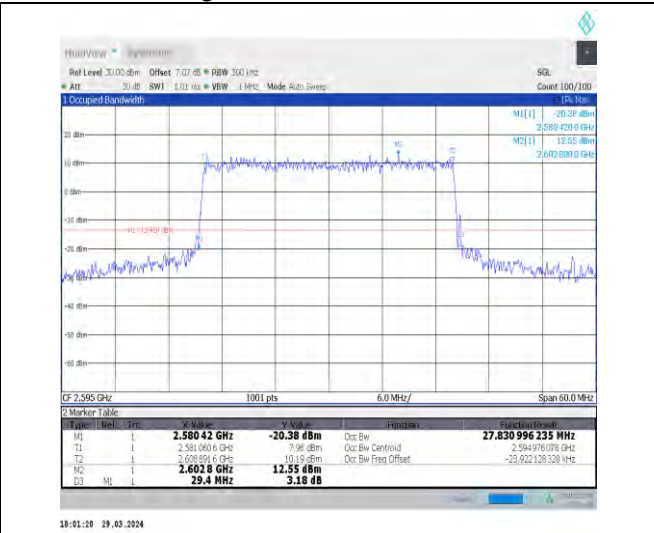
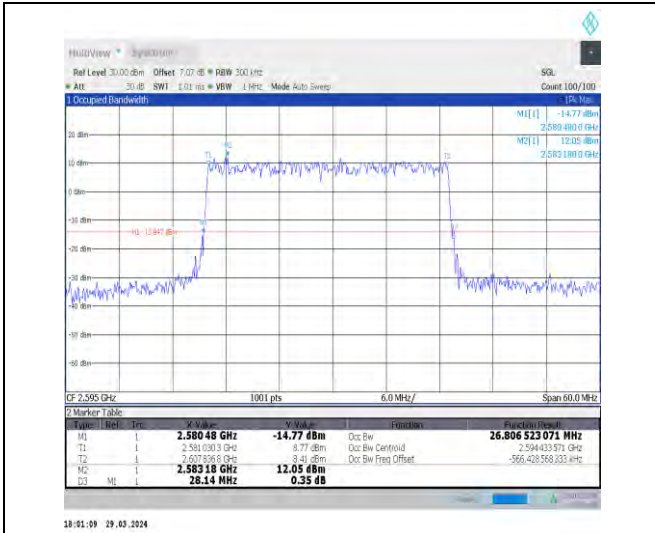
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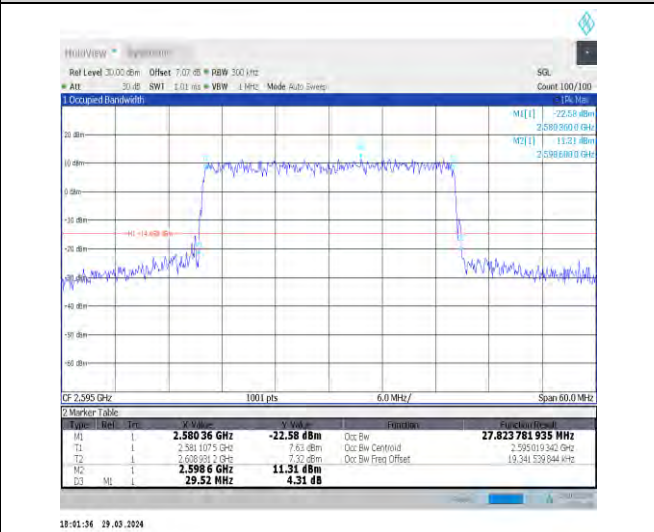
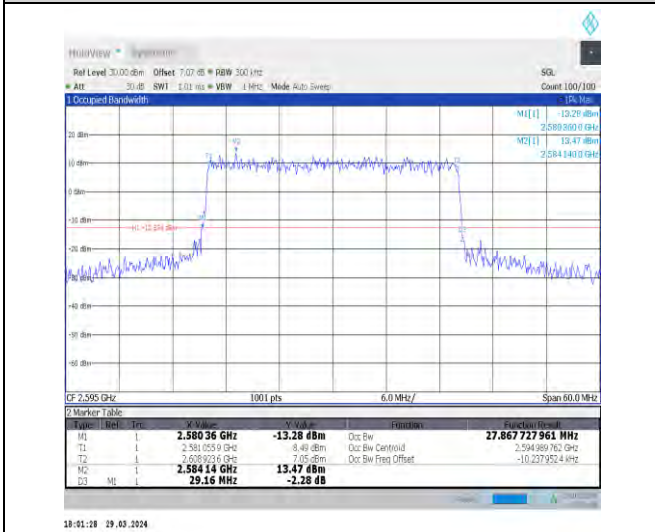
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1-N38-30-330-M-6-CP-QPSK-Outer_Full-106@0-Ant 1-38.08-40.560-≤40-PASS



1-N38-30-30-M-7-CP-16QAM-Outer_Full-106@0-Ant 1-38.094-40.640-≤40-PASS

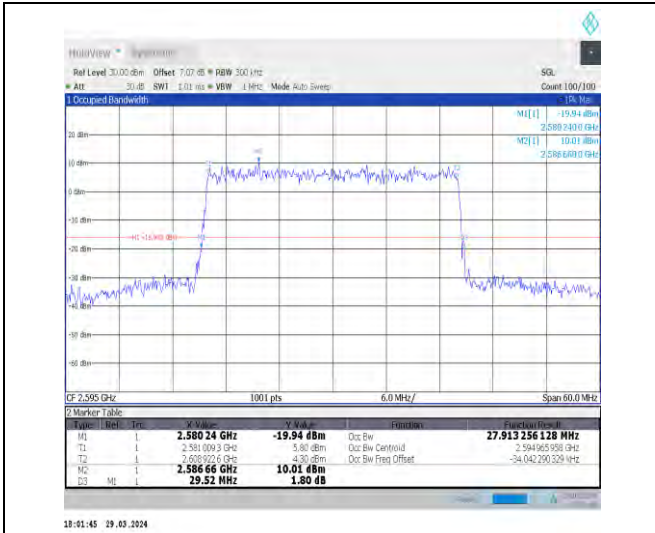
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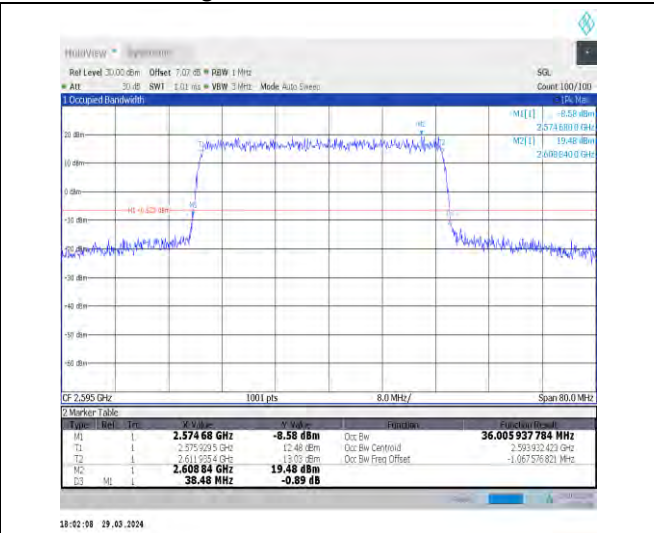
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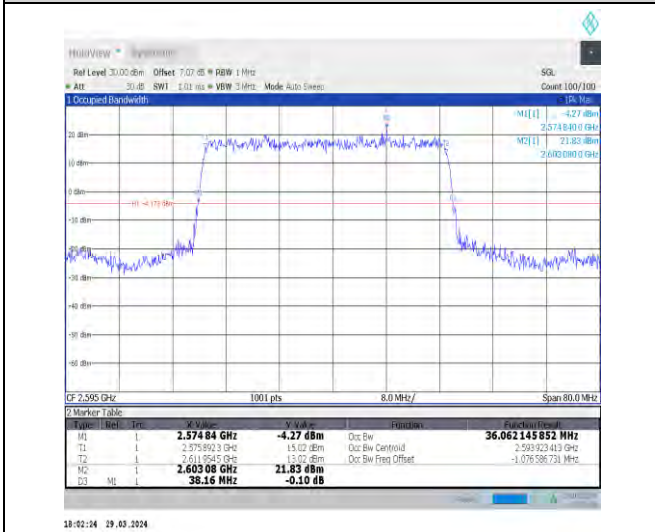
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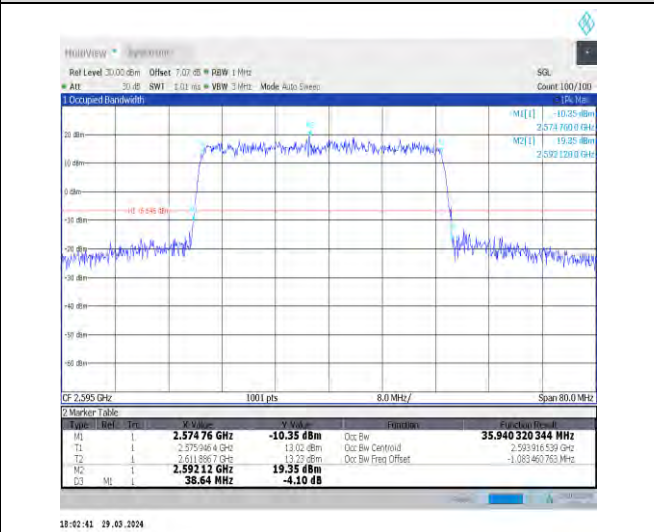
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1-N38-30-40-M-1-DFT-QPSK-Outer_Full-100@0-Ant
1-36.006-38.480-≤40-PASS



1-N38-30-40-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1
Ant1-36.062-38.160-≤40-PASS



1-N38-30-40-M-3-DFT-16QAM-Outer_Full-100@0-A
nt1-35.94-38.640-≤40-PASS

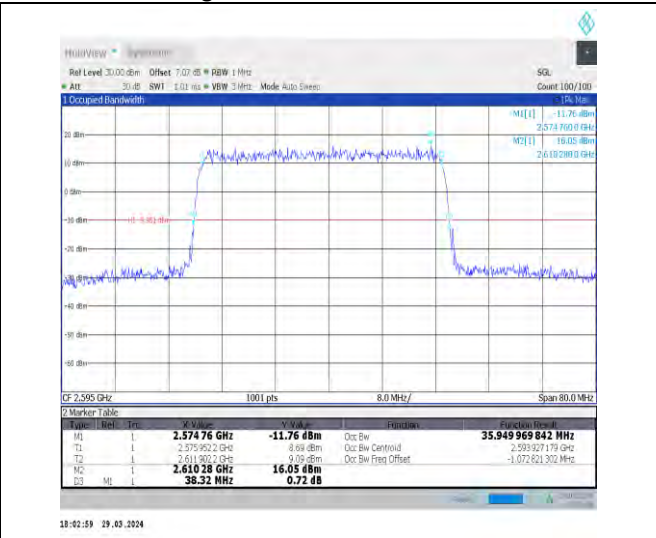
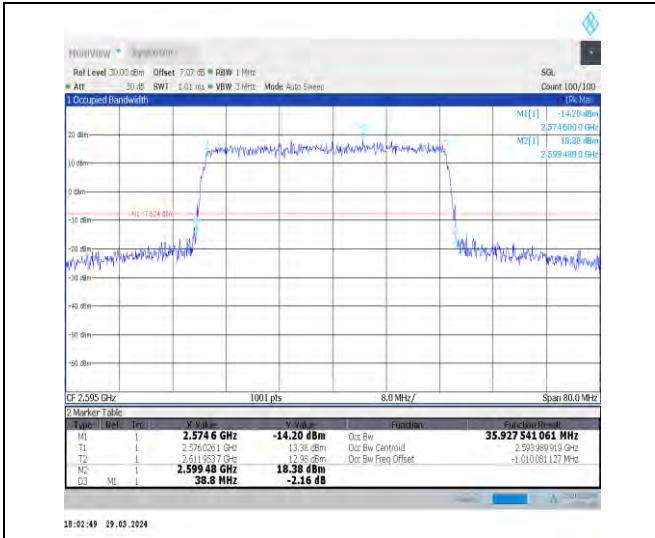


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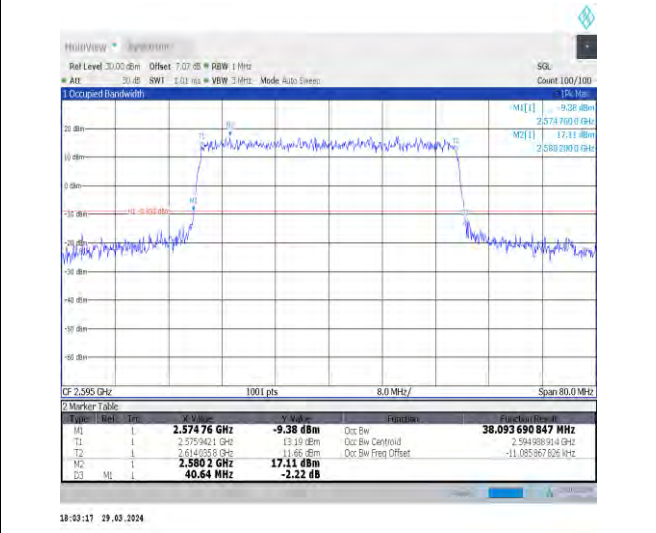
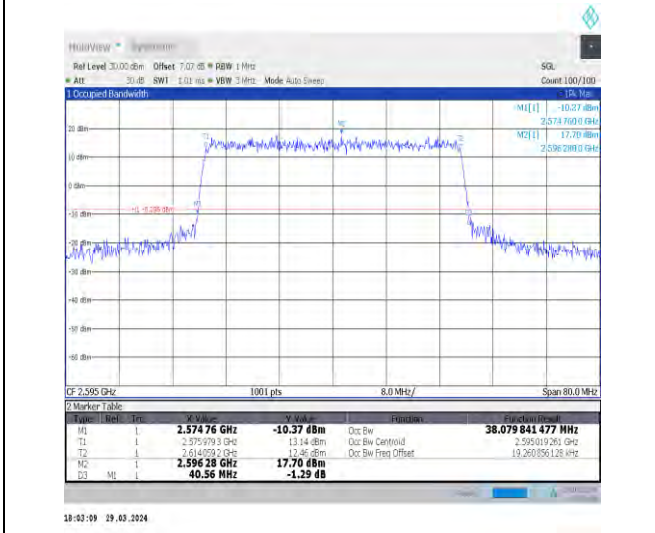
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1-N38-30-40-M-4-DFT-64QAM-Outer_Full-100@0-A
nt1-35.928-38.800-≤40-PASS

1-N38-30-40-M-5-DFT-256QAM-Outer_Full-100@0-Ant1-35.95-38.320-≤40-PASS



1-N38-30-40-M-6-CP-QPSK-Outer_Full-106@0-Ant1
-38.08-40.560-≤40-PASS

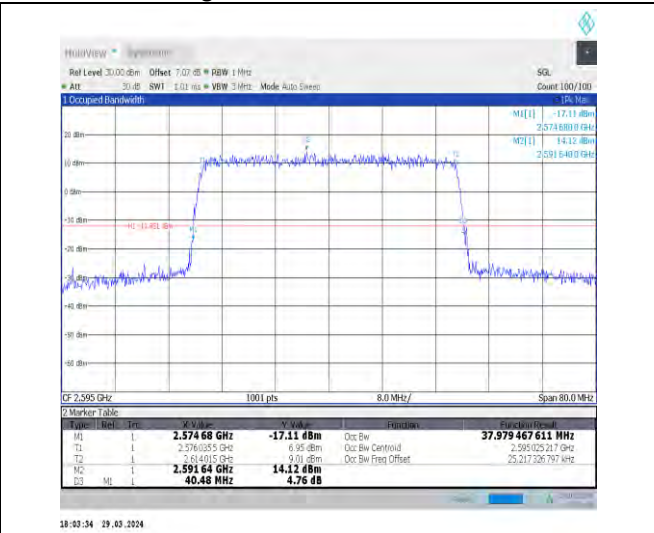
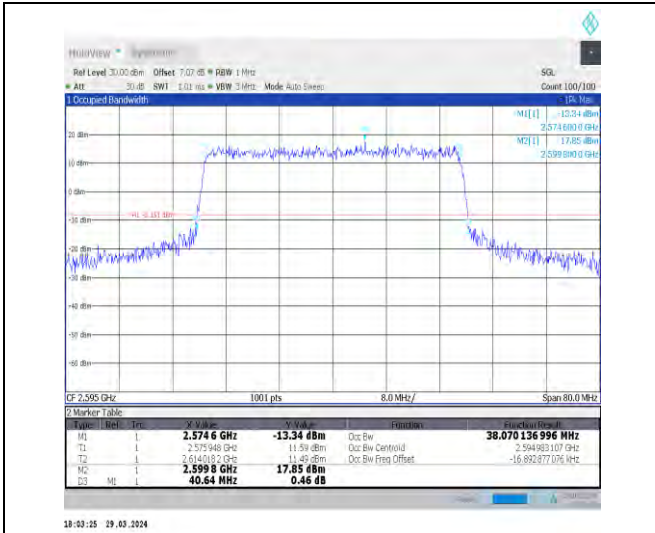
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1-N38-30-40-M-8-CP-64QAM-Outer_Full-106@0-Ant
1-38.07-40.640-≤40-PASS

1-N38-30-40-M-9-CP-256QAM-Outer_Full-106@0-Ant
nt1-37.979-40.480-≤40-PASS



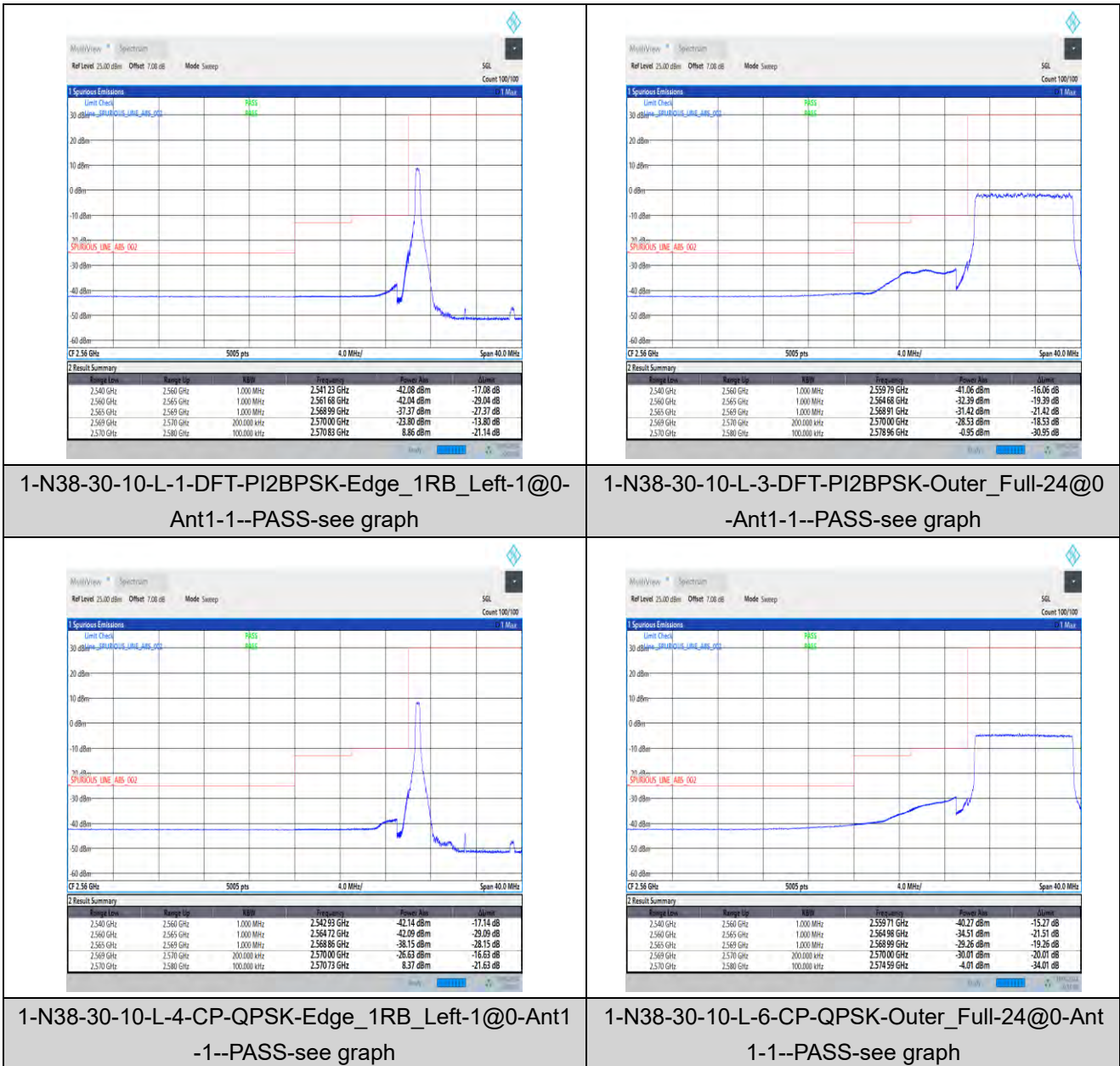
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Band Edge for SA

Test Graphs



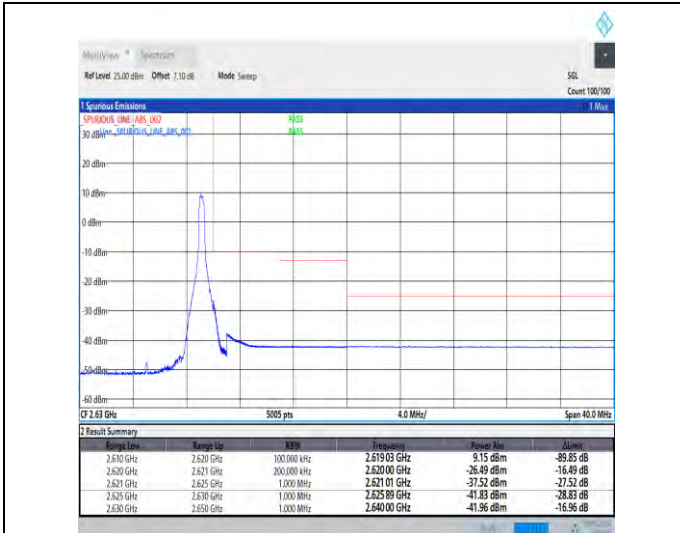
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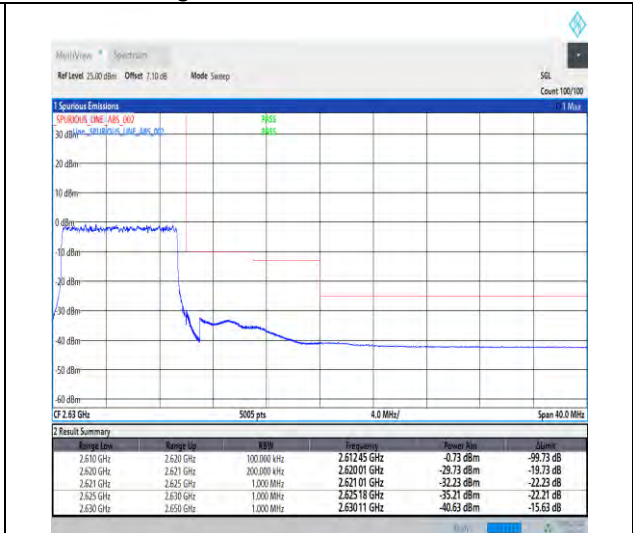
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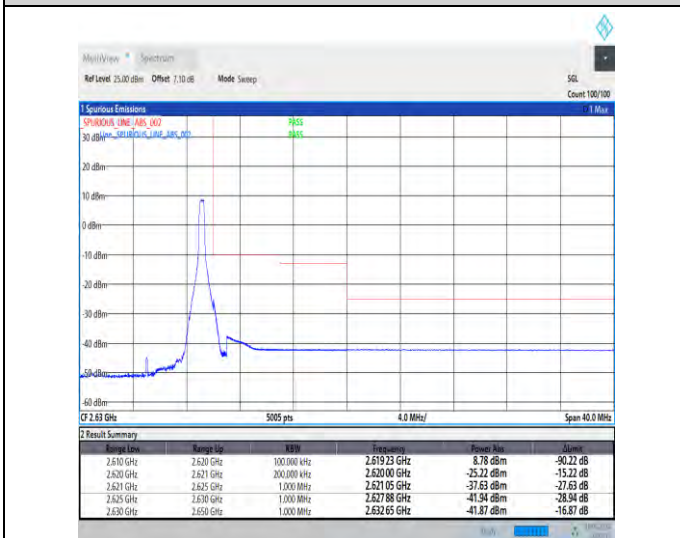
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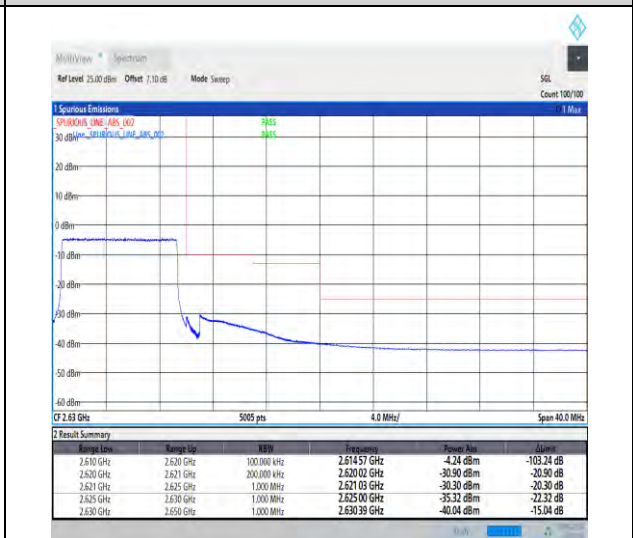
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1-N38-30-10-H-3-DFT-PI2BPSK-Outer_Full-24@0-Ant1-1--PASS-see graph



1-N38-30-10-H-5-CP-QPSK-Edge_1RB_Right-1@23-Ant1-1--PASS-see graph



1-N38-30-10-H-6-CP-QPSK-Outer_Full-24@0-Ant1-1--PASS-see graph



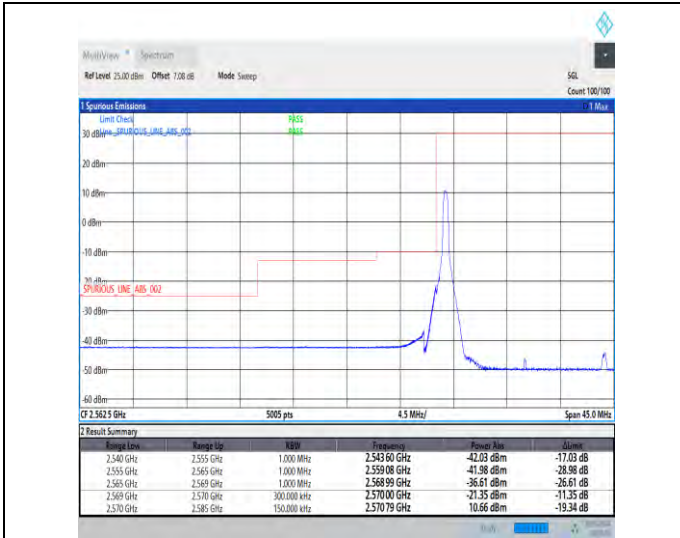
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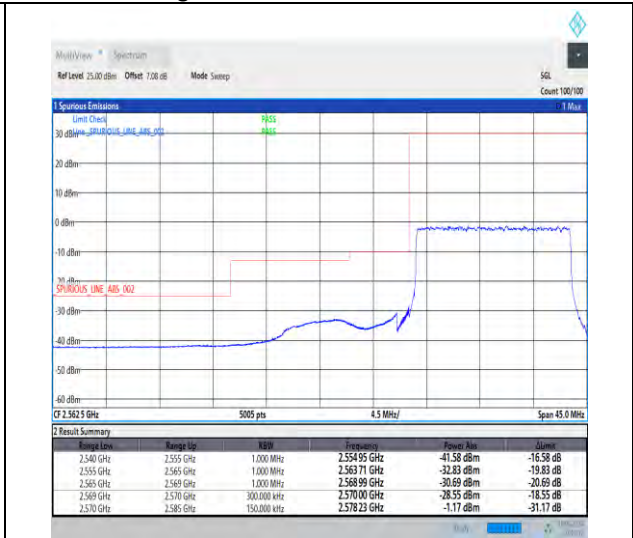
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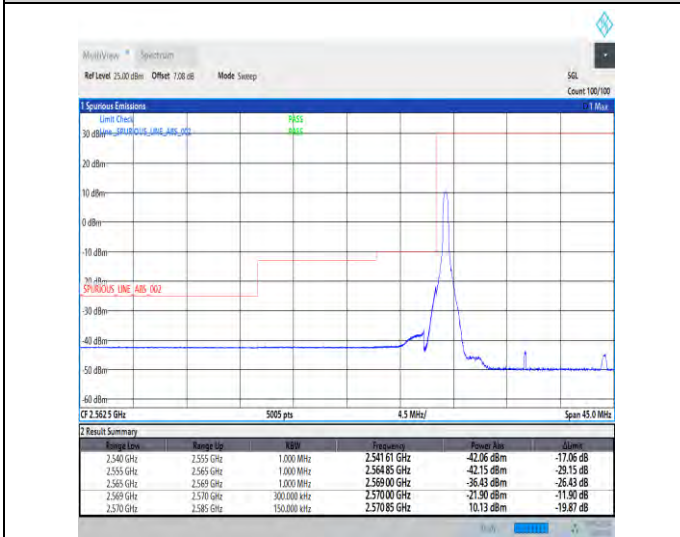
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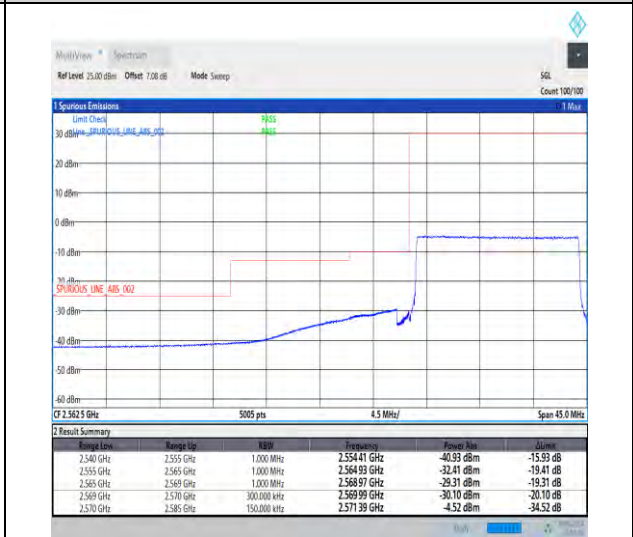
1-N38-30-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N38-30-15-L-3-DFT-PI2BPSK-Outer_Full-36@0-Ant1-1--PASS-see graph



1-N38-30-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N38-30-15-L-6-CP-QPSK-Outer_Full-38@0-Ant1-1--PASS-see graph



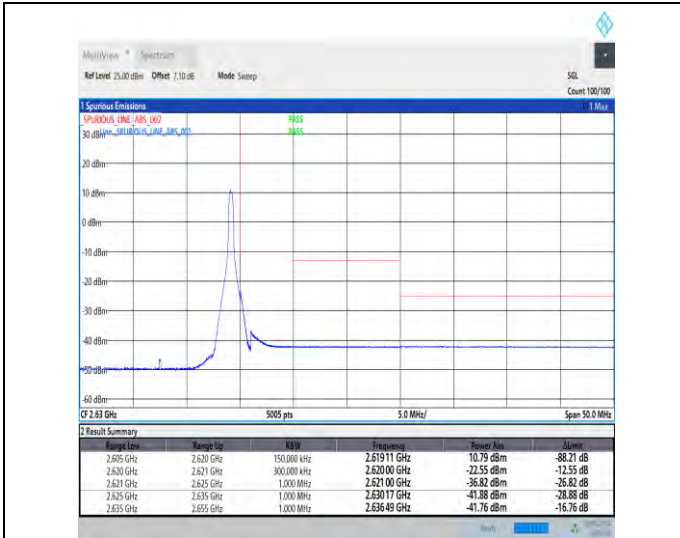
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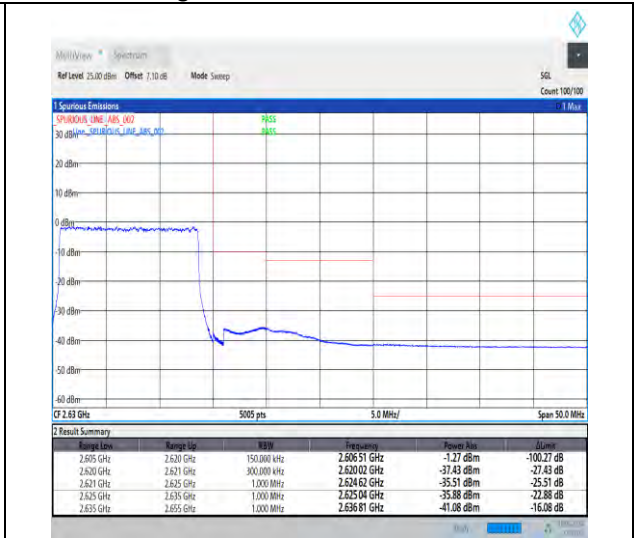
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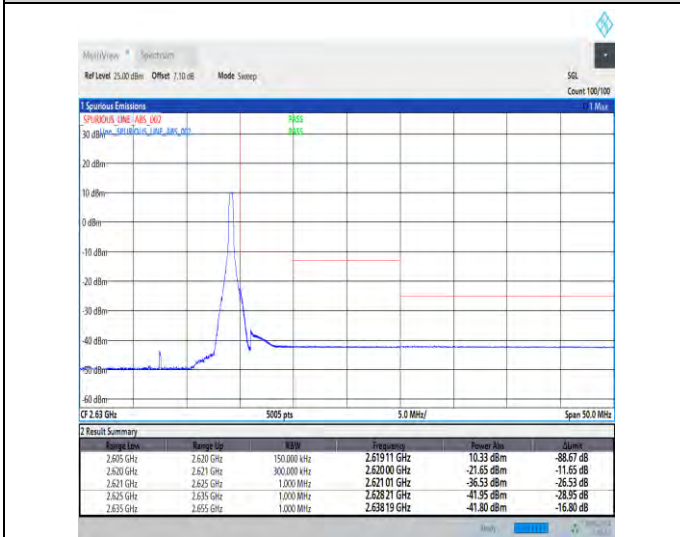
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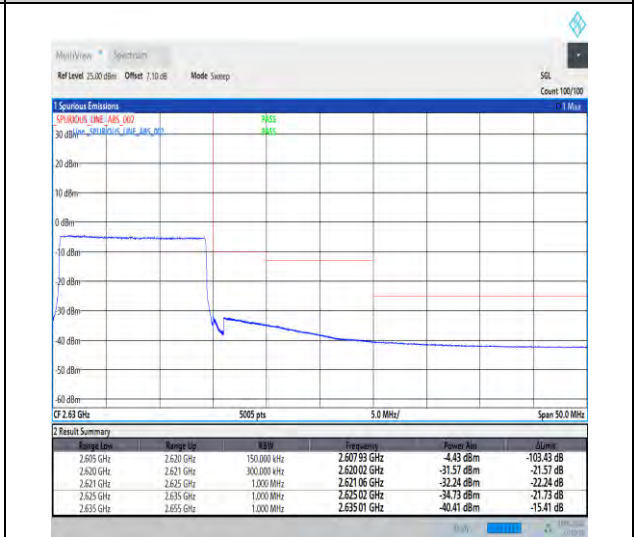
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1-N38-30-15-H-3-DFT-PI2BPSK-Outer_Full-36@0-Ant1-1--PASS-see graph



1-N38-30-15-H-5-CP-QPSK-Edge_1RB_Right-1@37-Ant1-1--PASS-see graph



1-N38-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant1-1--PASS-see graph

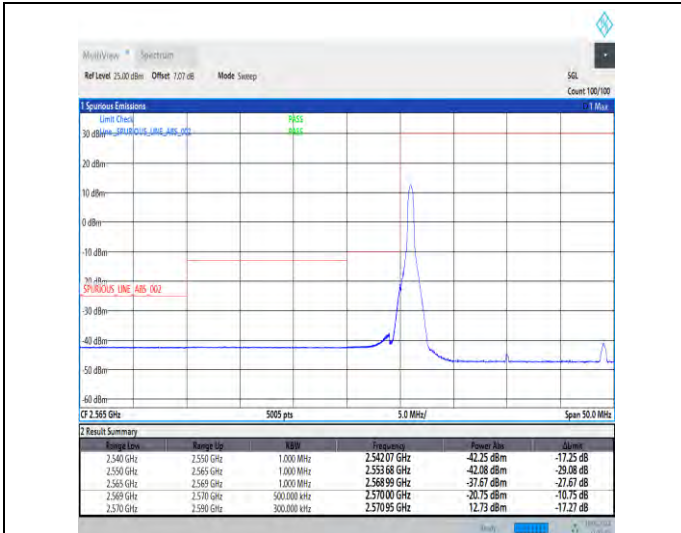


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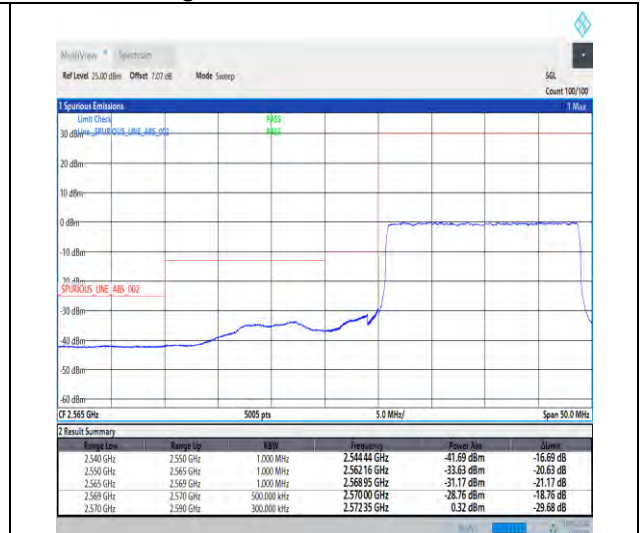
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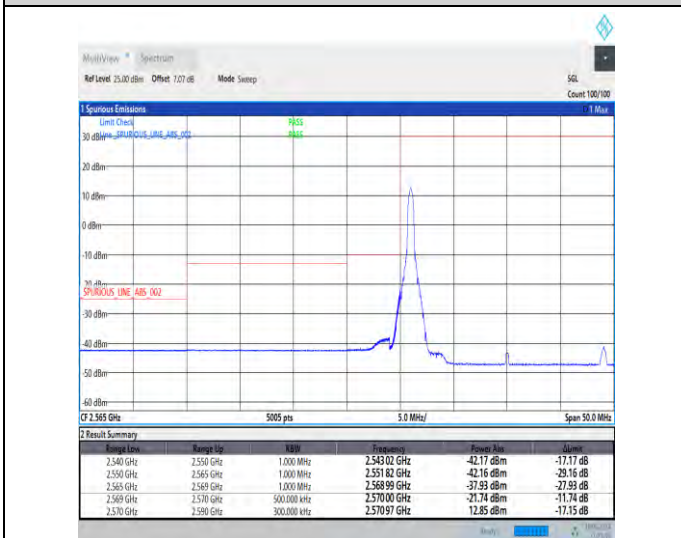
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1-N38-30-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N38-30-20-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



1-N38-30-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N38-30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant1-1--PASS-see graph



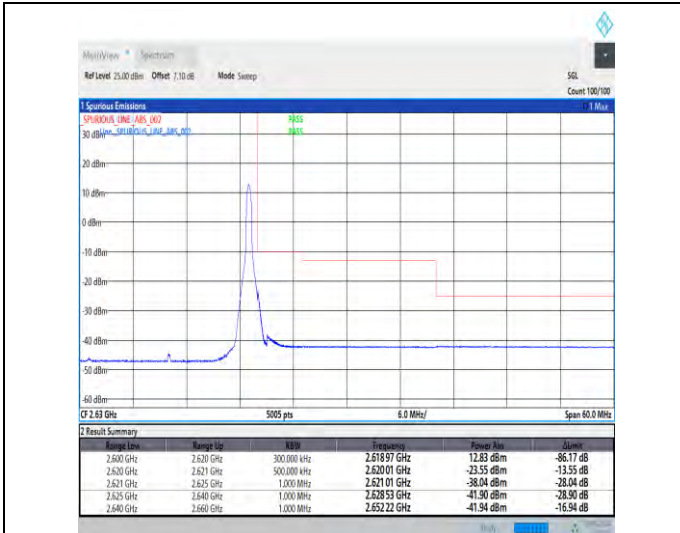
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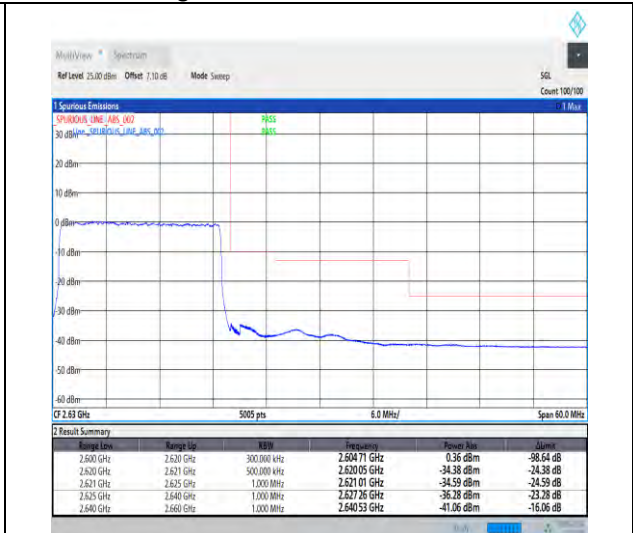
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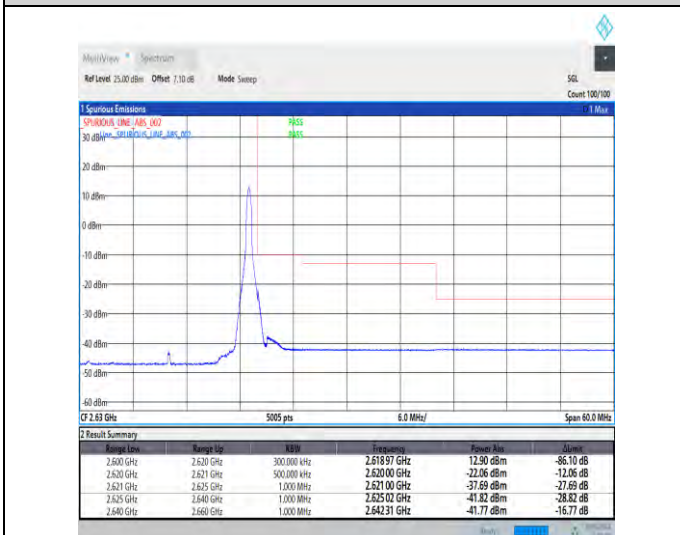
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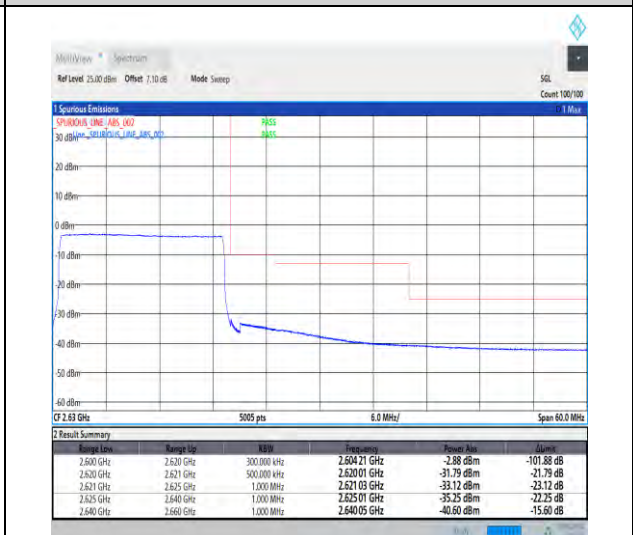
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1-N38-30-20-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



1-N38-30-20-H-5-CP-QPSK-Edge_1RB_Right-1@50-Ant1-1--PASS-see graph



1-N38-30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant1-1--PASS-see graph

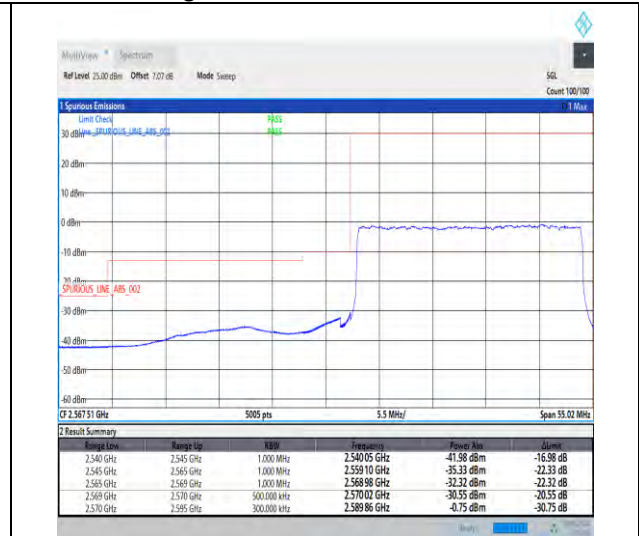
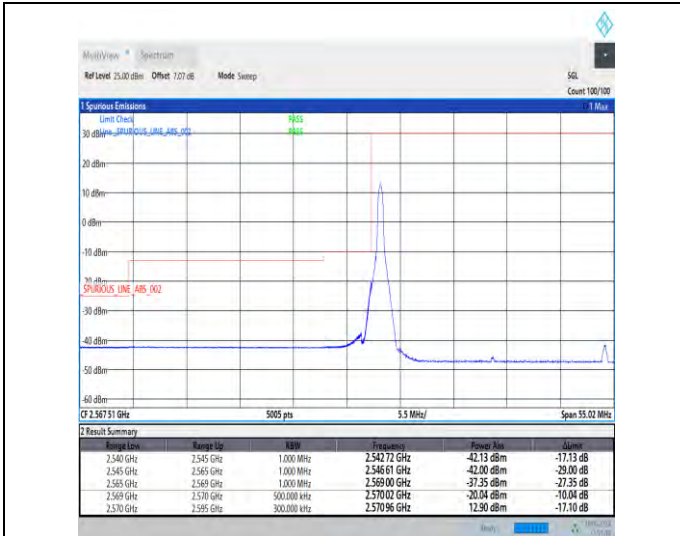


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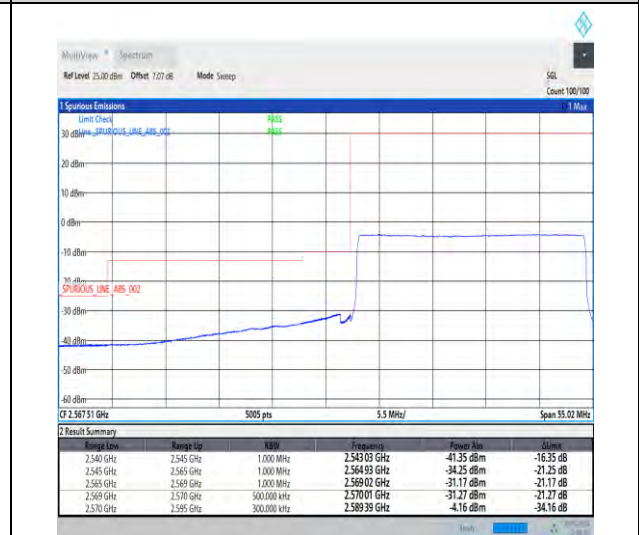
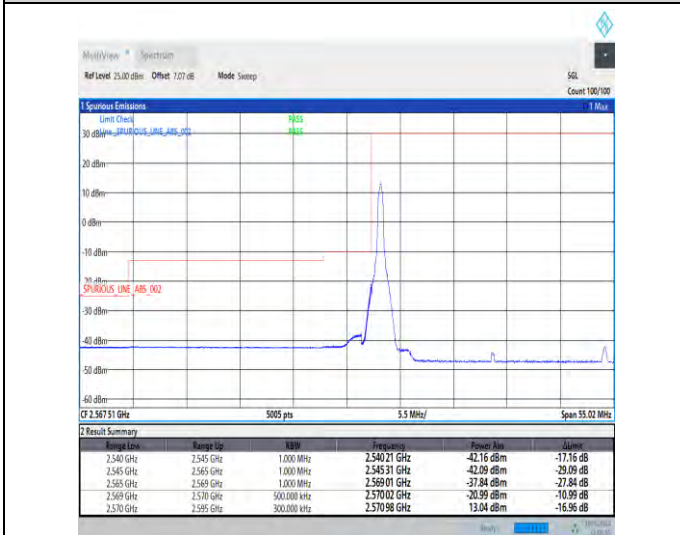
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1-N38-30-25-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N38-30-25-L-3-DFT-PI2BPSK-Outer_Full-64@0-Ant1-1--PASS-see graph



1-N38-30-25-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N38-30-25-L-6-CP-QPSK-Outer_Full-65@0-Ant1-1--PASS-see graph



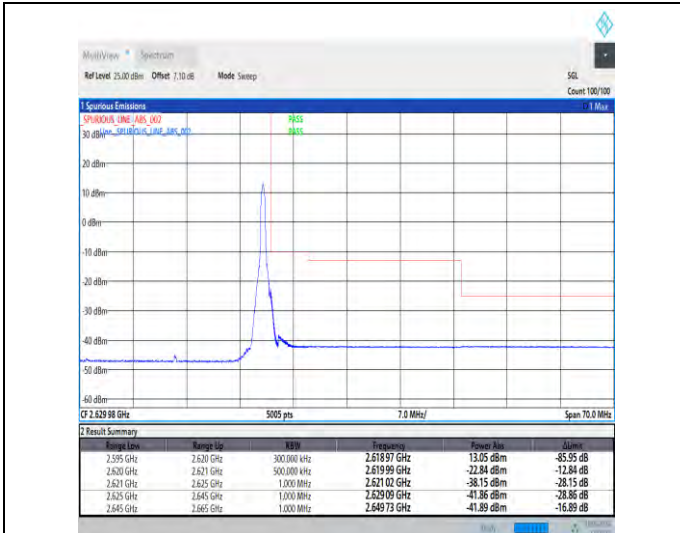
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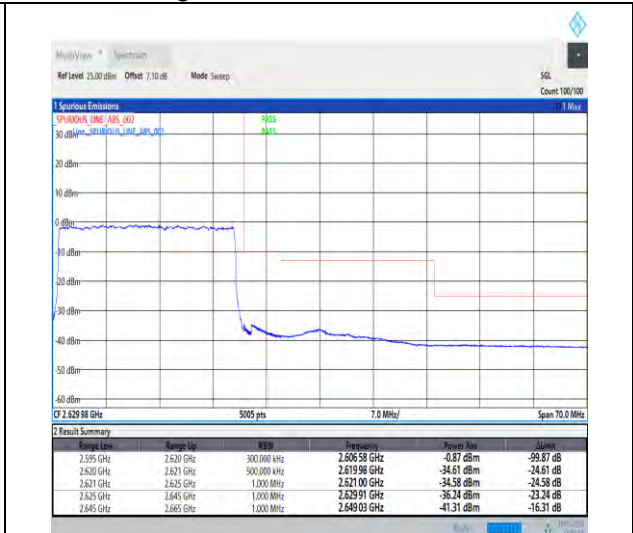
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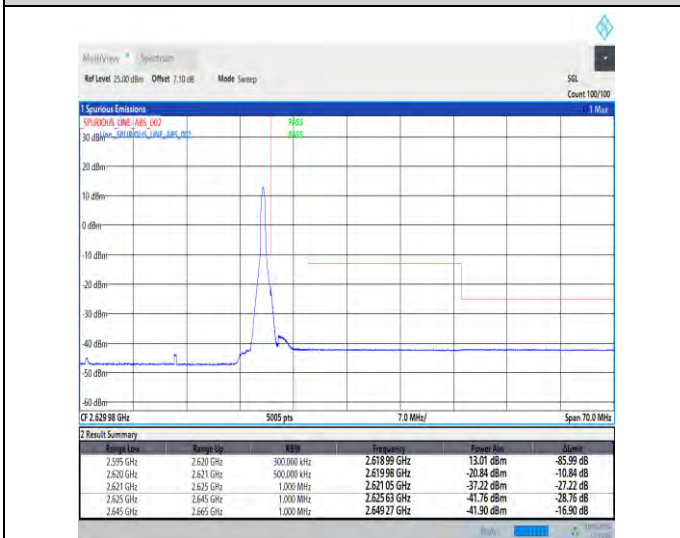
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1-N38-30-25-H-3-DFT-PI2BPSK-Outer_Full-64@0-Ant1-1--PASS-see graph



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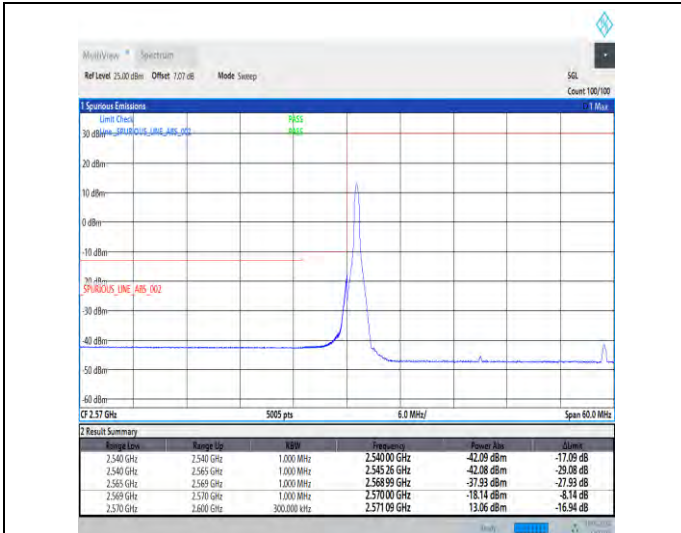
1-N38-30-25-H-6-CP-QPSK-Outer_Full-65@0-Ant1-1--PASS-see graph



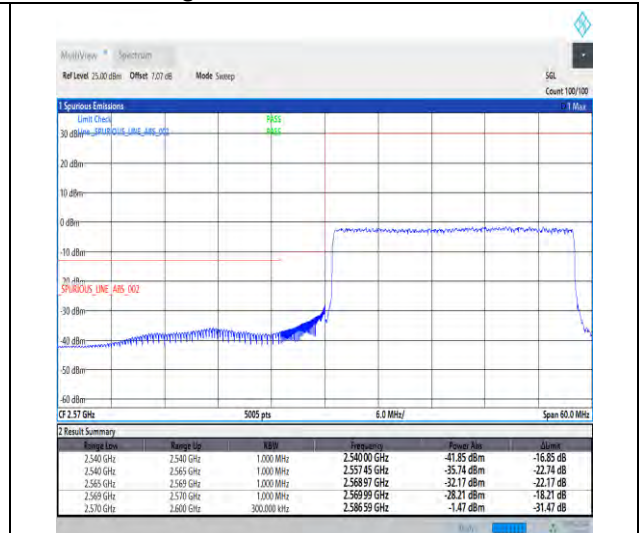
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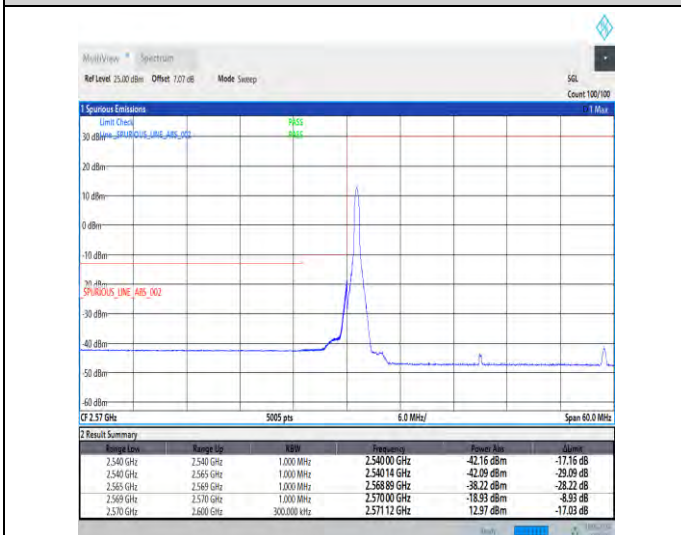
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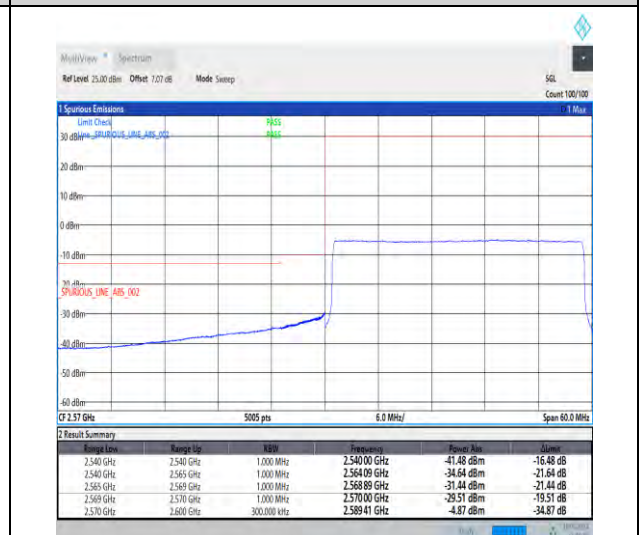
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1-N38-30-30-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph



1-N38-30-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



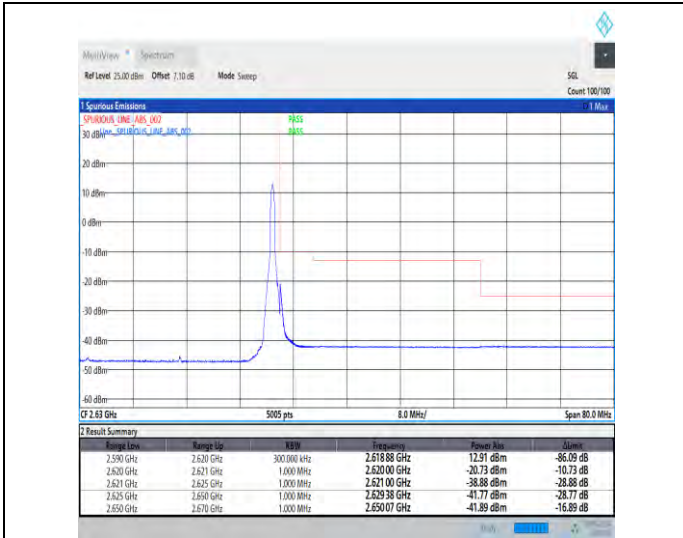
1-N38-30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant1-1--PASS-see graph



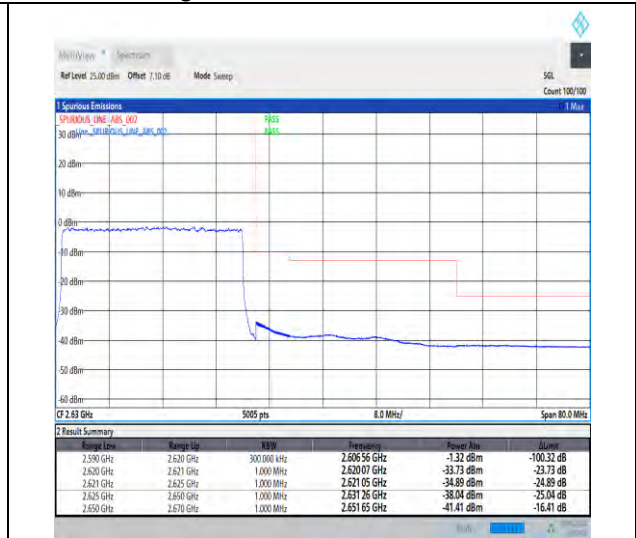
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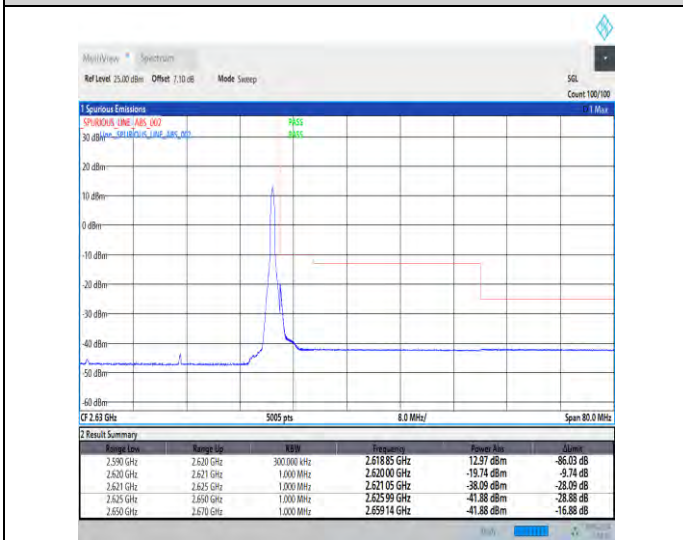
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1-N38-30-30-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@77-Ant1-1--PASS-see graph



1-N38-30-30-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph



1-N38-30-30-H-5-CP-QPSK-Edge_1RB_Right-1@77-Ant1-1--PASS-see graph



1-N38-30-30-H-6-CP-QPSK-Outer_Full-78@0-Ant1-1--PASS-see graph

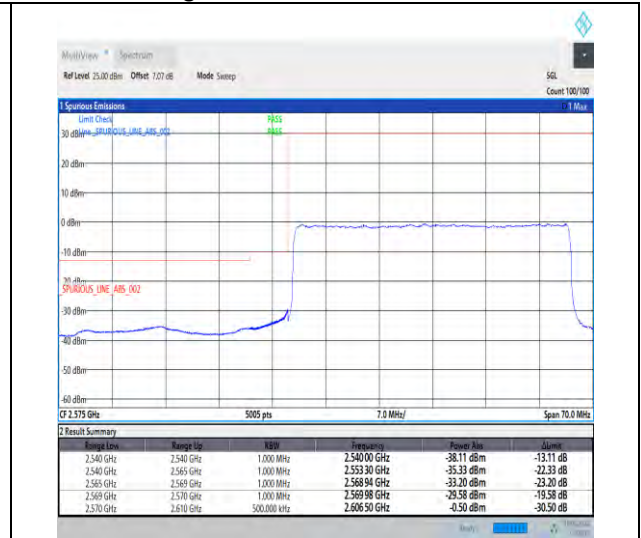
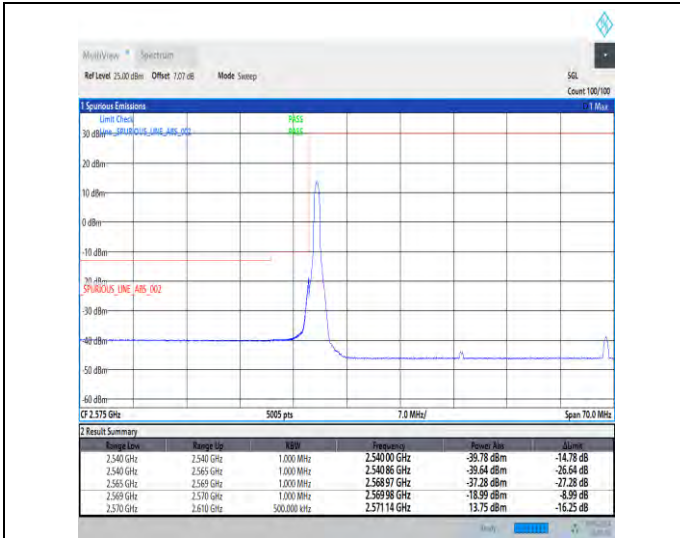


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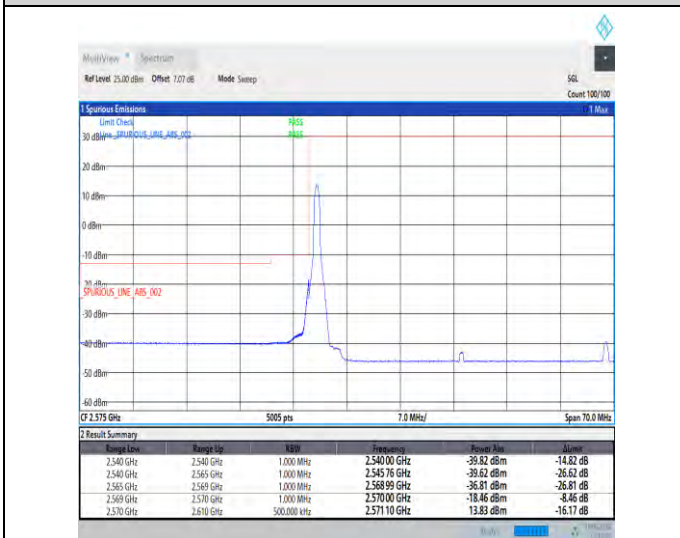
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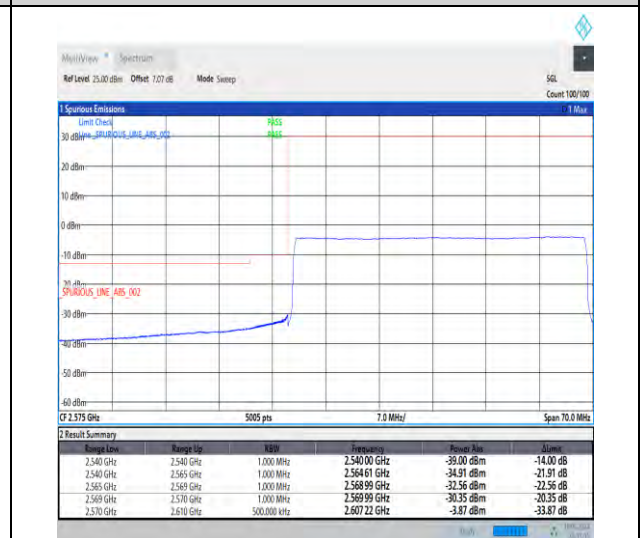


1-N38-30-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N38-30-40-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1--PASS-see graph



1-N38-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N38-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph



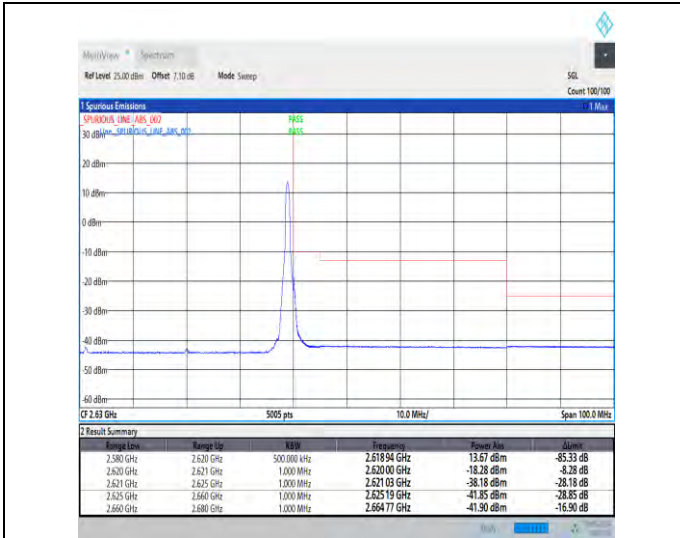
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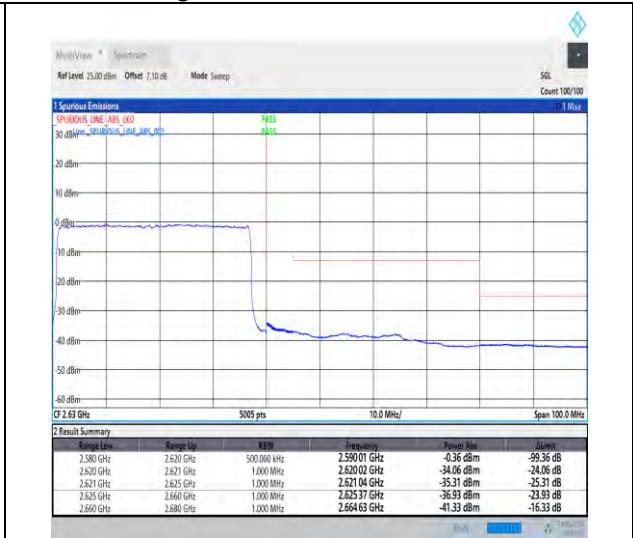
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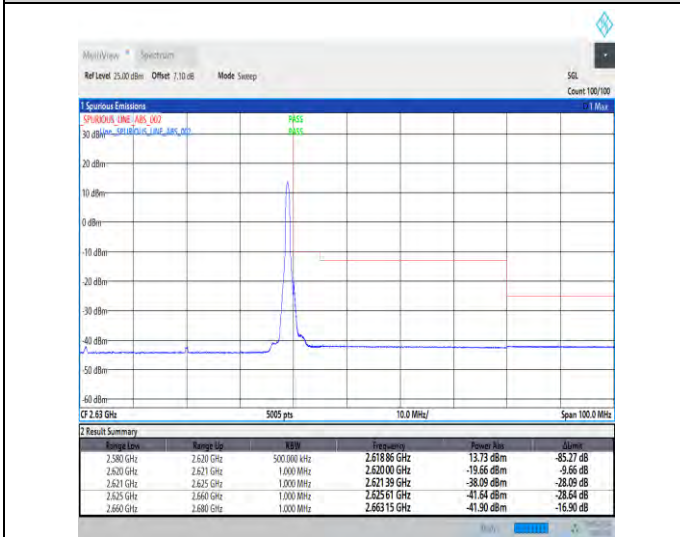
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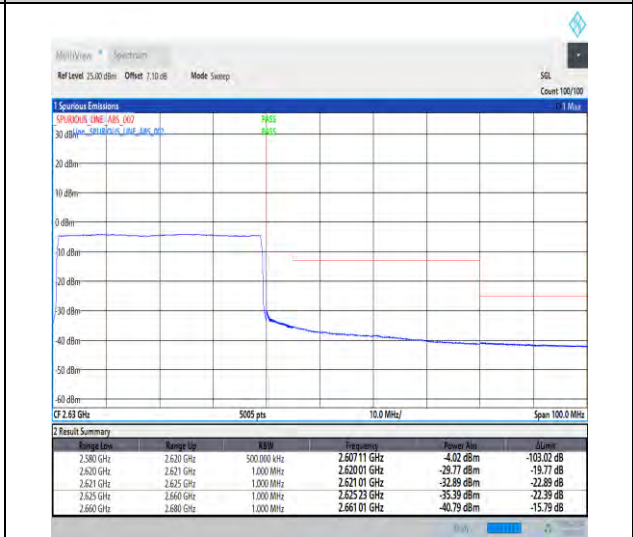
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1-N38-30-40-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1--PASS-see graph



1-N38-30-40-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-1--PASS-see graph



1-N38-30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph



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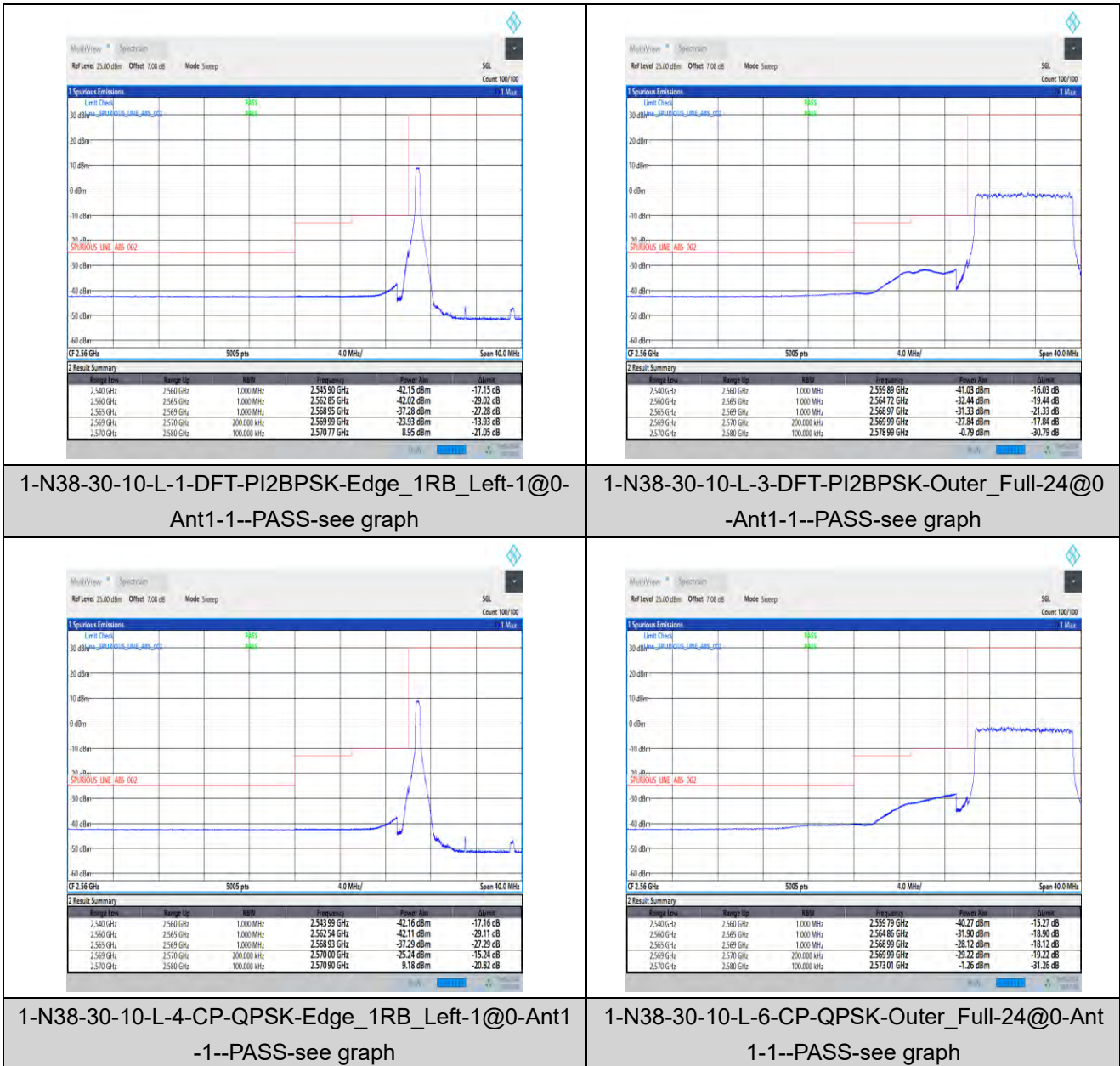
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Band Edge for MIMO ANT1

Test Graphs



1-N38-30-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N38-30-10-L-3-DFT-PI2BPSK-Outer_Full-24@0-Ant1-1--PASS-see graph

1-N38-30-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

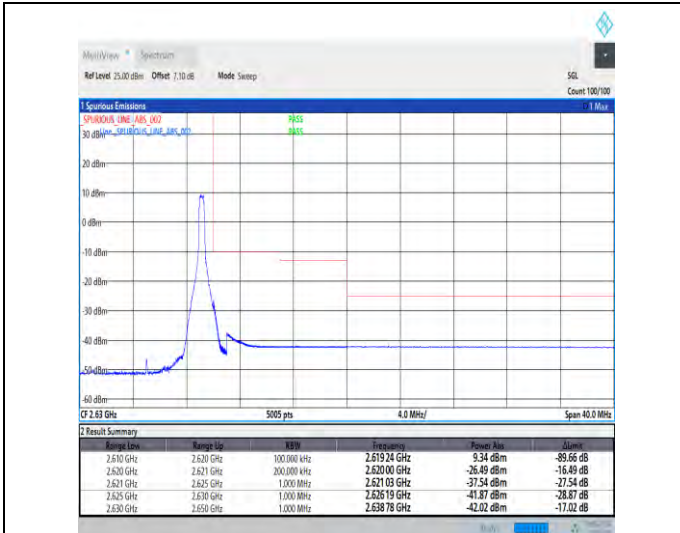
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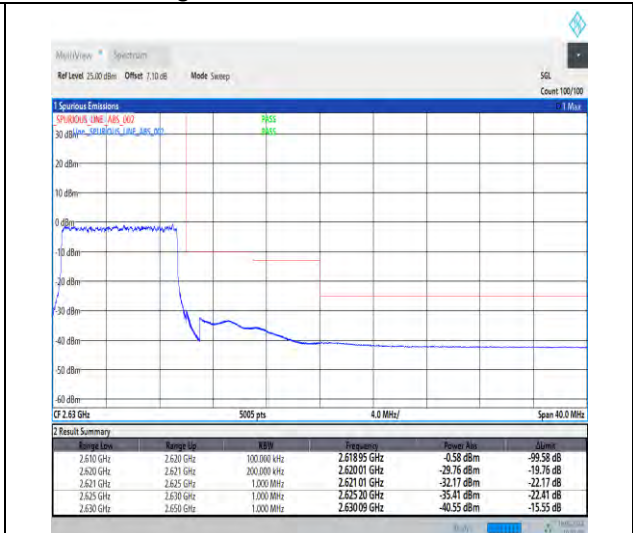
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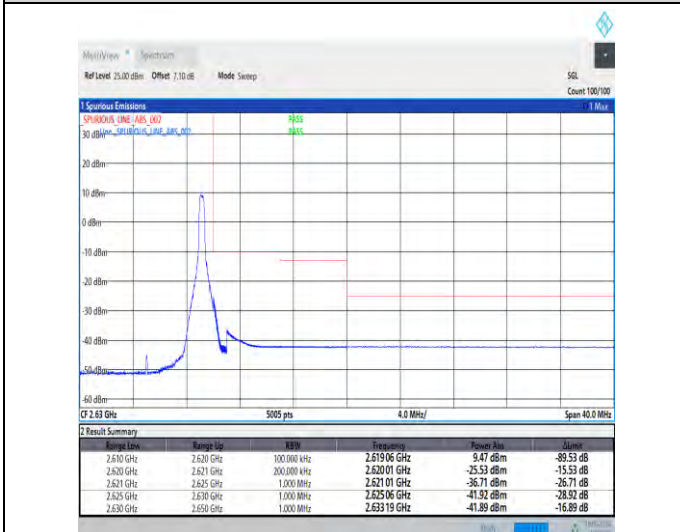
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1-N38-30-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@23-Ant1-1--PASS-see graph



1-N38-30-10-H-3-DFT-PI2BPSK-Outer_Full-24@0-Ant1-1--PASS-see graph



1-N38-30-10-H-5-CP-QPSK-Edge_1RB_Right-1@23-Ant1-1--PASS-see graph



1-N38-30-10-H-6-CP-QPSK-Outer_Full-24@0-Ant1-1--PASS-see graph

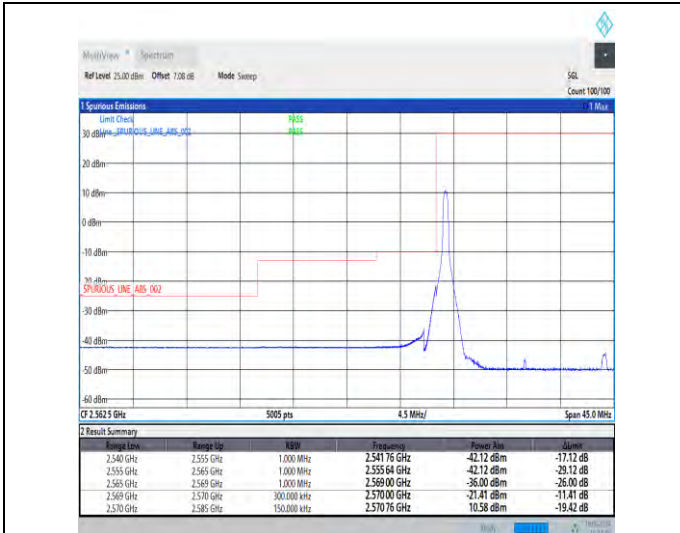


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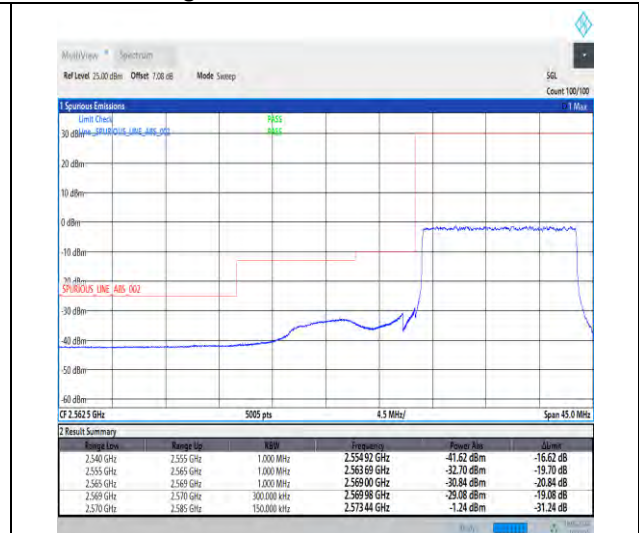
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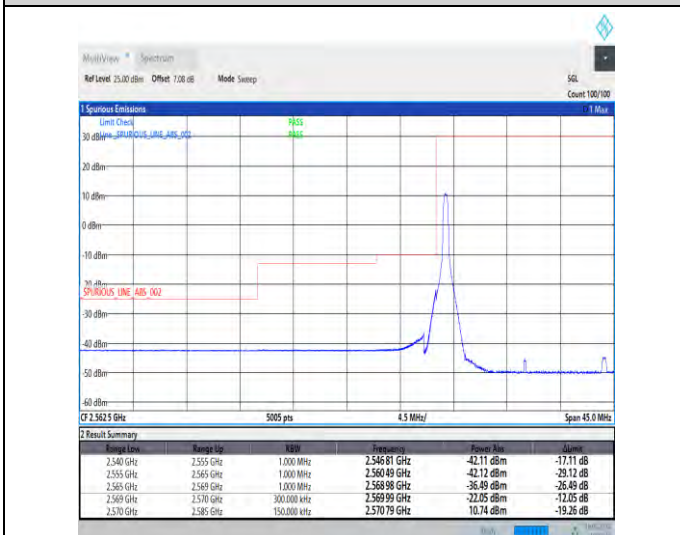
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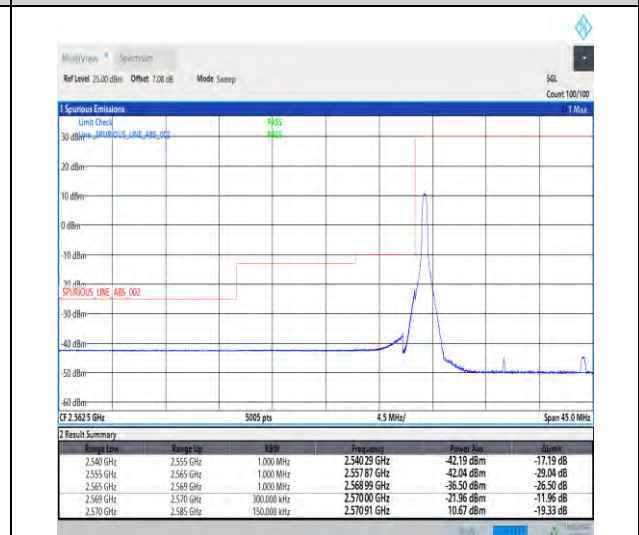
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1-N38-30-15-L-3-DFT-PI2BPSK-Outer_Full-36@0-Ant1-1--PASS-see graph



1-N38-30-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N38-30-15-L-6-CP-QPSK-Outer_Full-38@0-Ant1-1--PASS-see graph



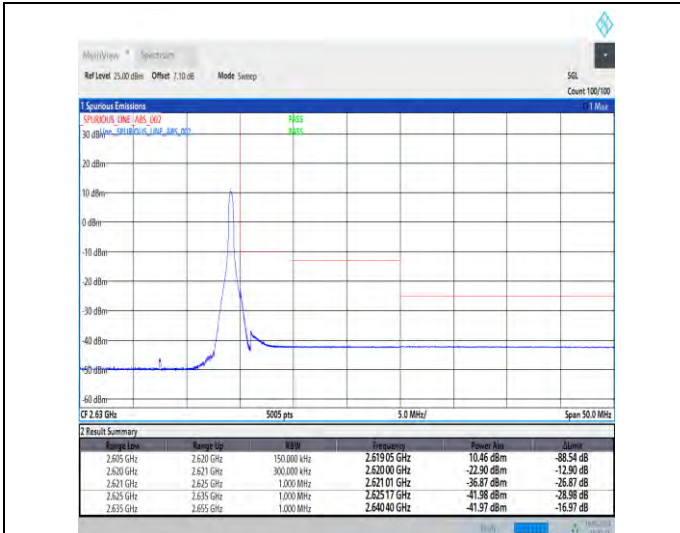
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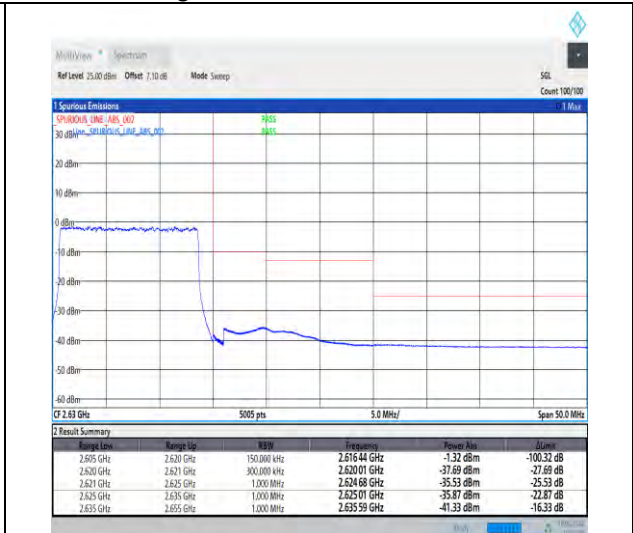
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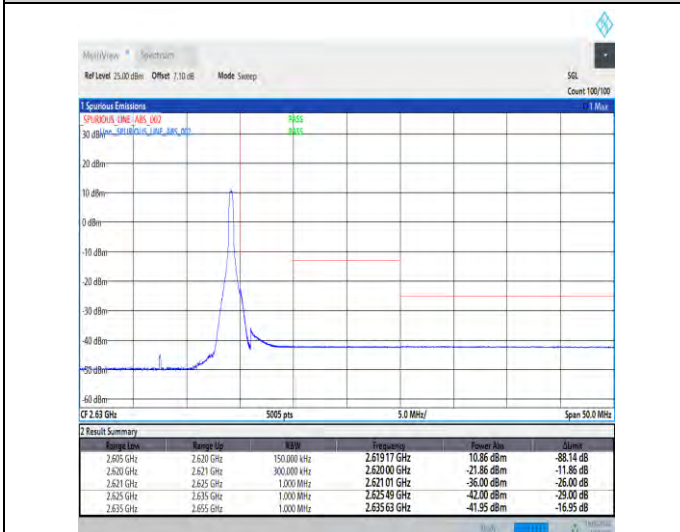
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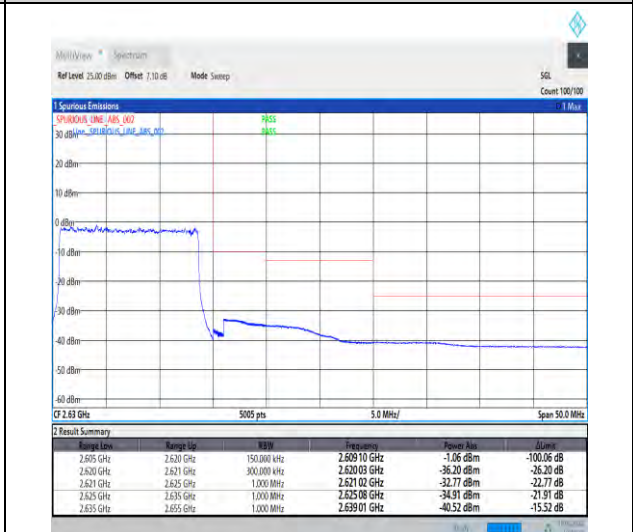
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1-N38-30-15-H-3-DFT-PI2BPSK-Outer_Full-36@0-Ant1-1--PASS-see graph



1-N38-30-15-H-5-CP-QPSK-Edge_1RB_Right-1@37-Ant1-1--PASS-see graph



1-N38-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant1-1--PASS-see graph



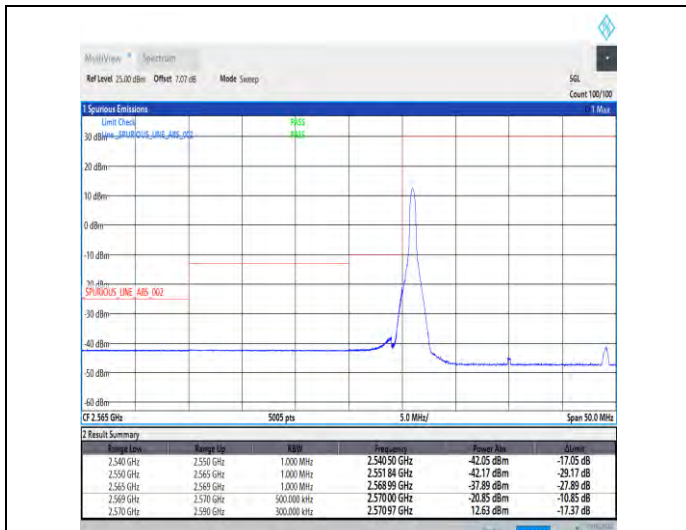
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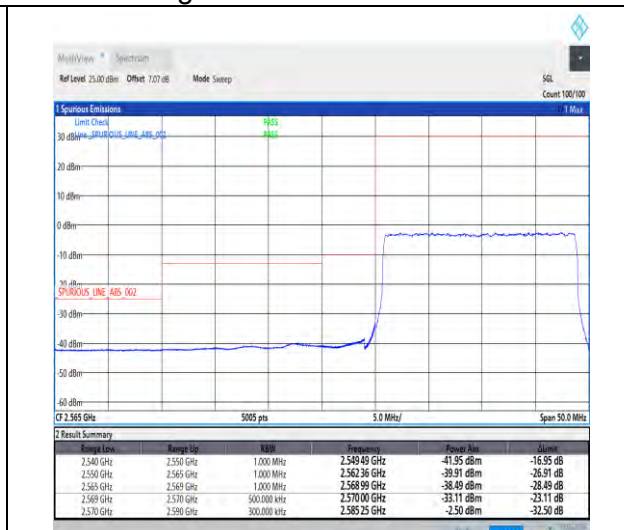
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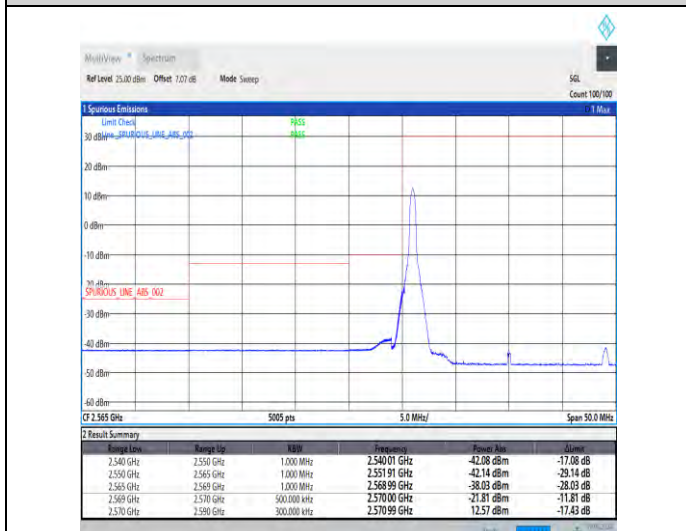
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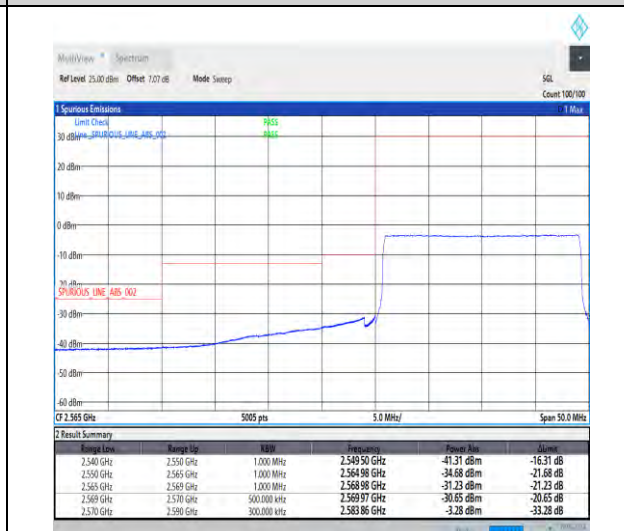
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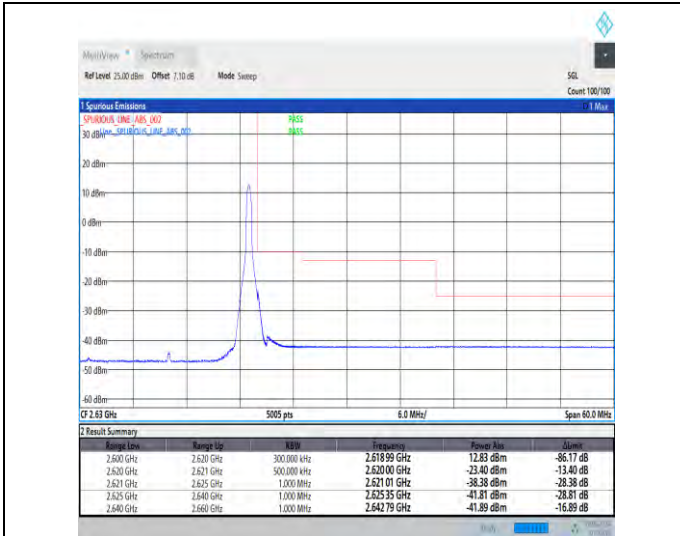
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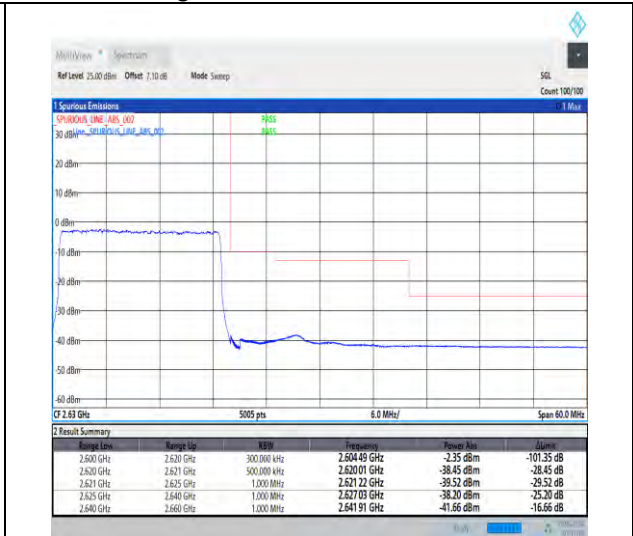
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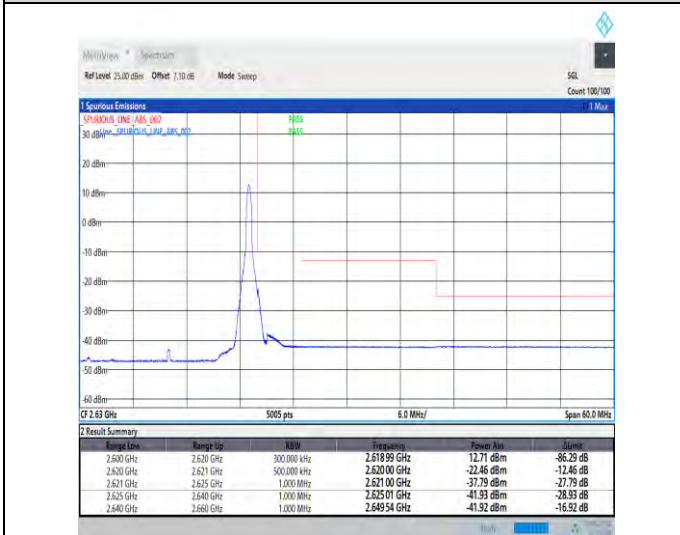
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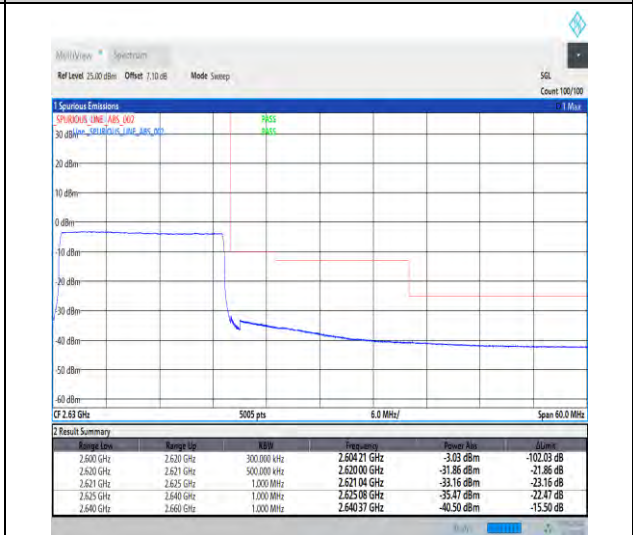
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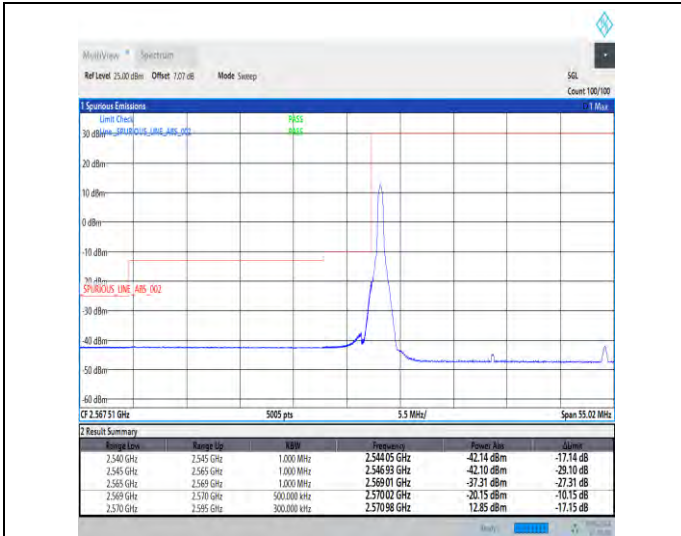
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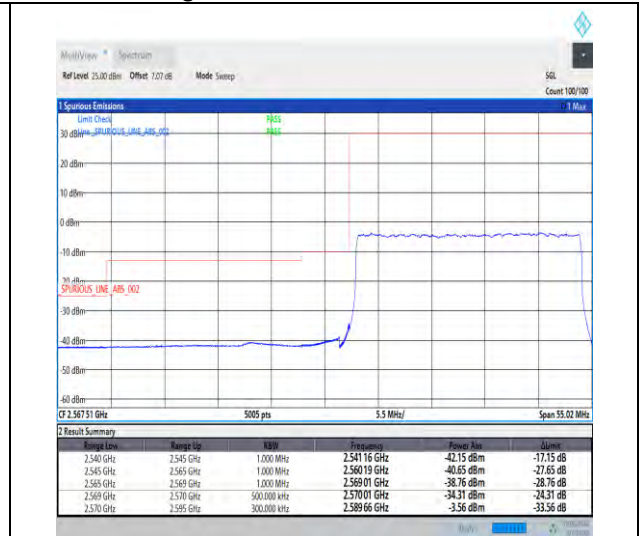
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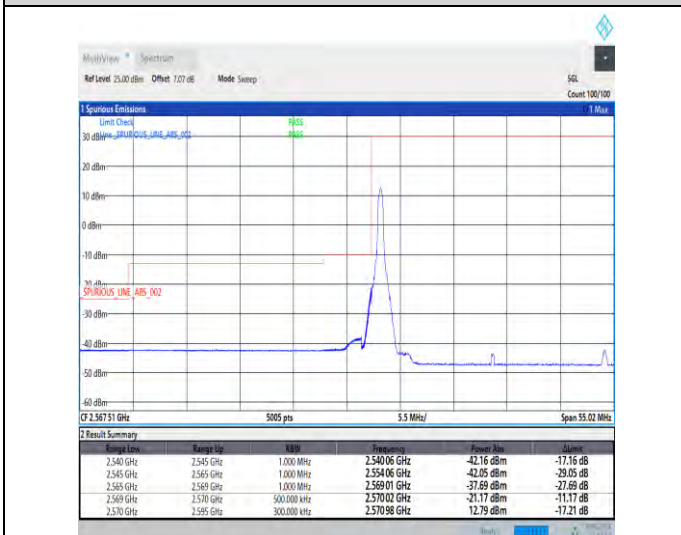
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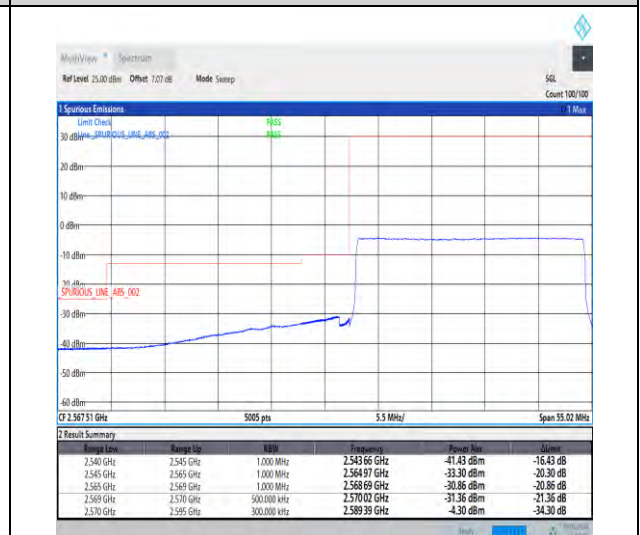
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1-N38-30-25-L-3-DFT-PI2BPSK-Outer_Full-64@0-Ant1-1--PASS-see graph



1-N38-30-25-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N38-30-25-L-6-CP-QPSK-Outer_Full-65@0-Ant1-1--PASS-see graph



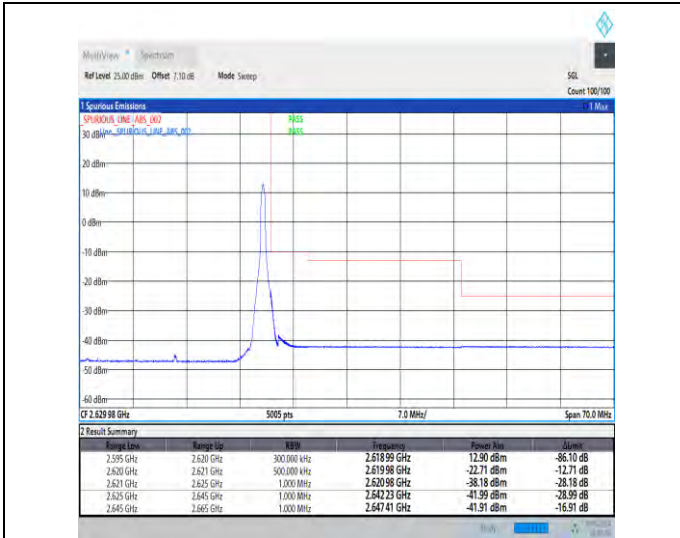
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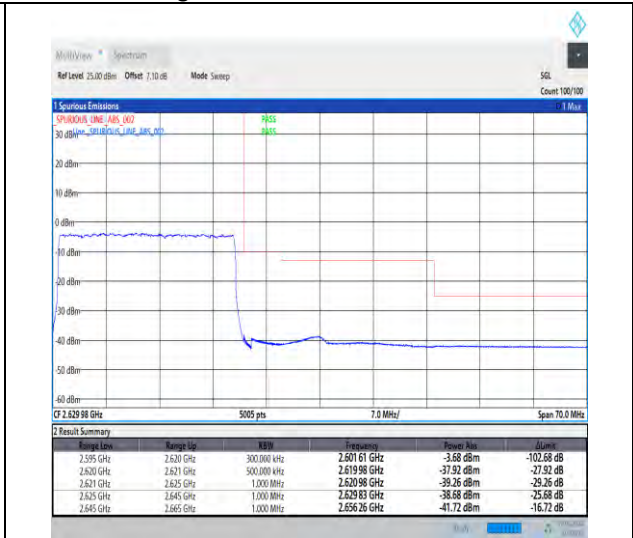
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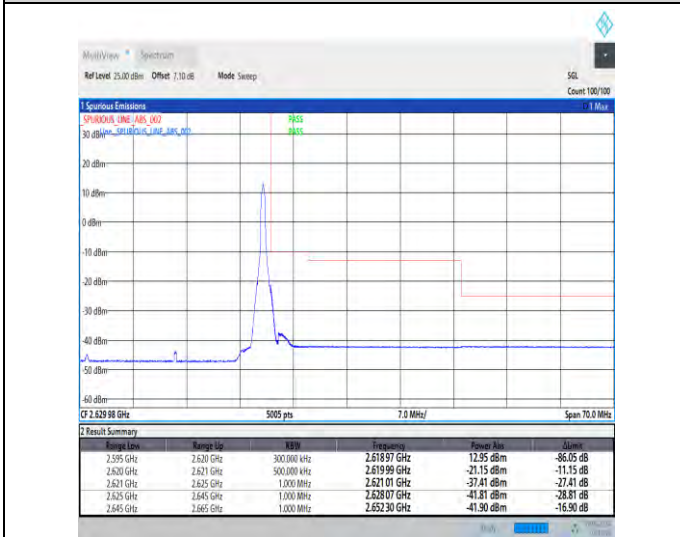
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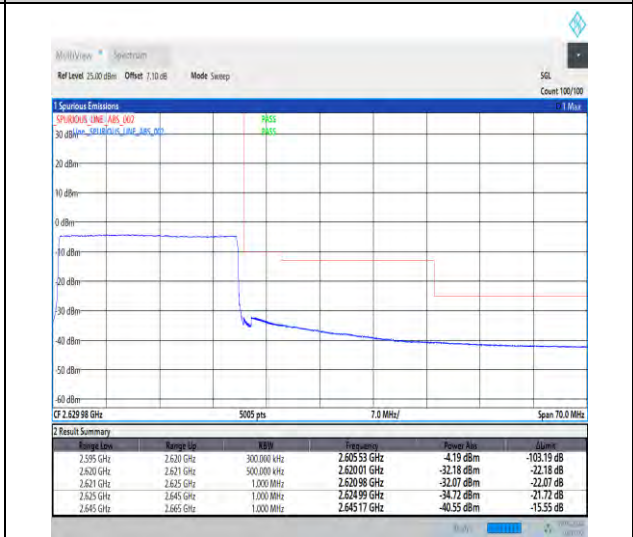
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1-N38-30-25-H-5-CP-QPSK-Edge_1RB_Right-1@64-Ant1-1--PASS-see graph



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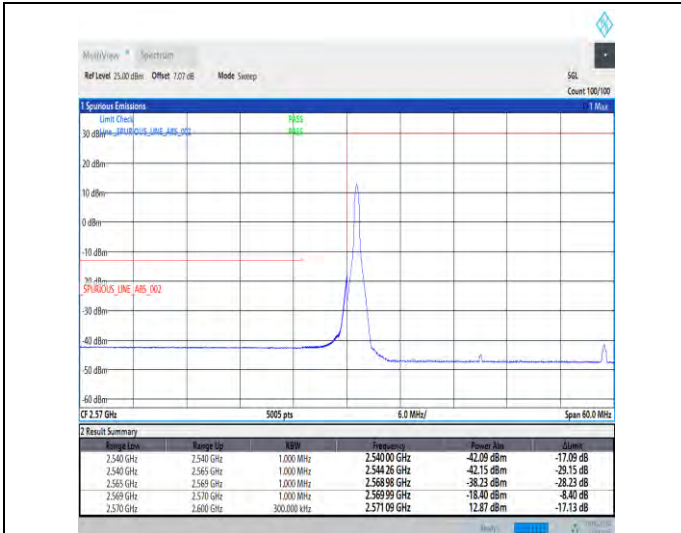


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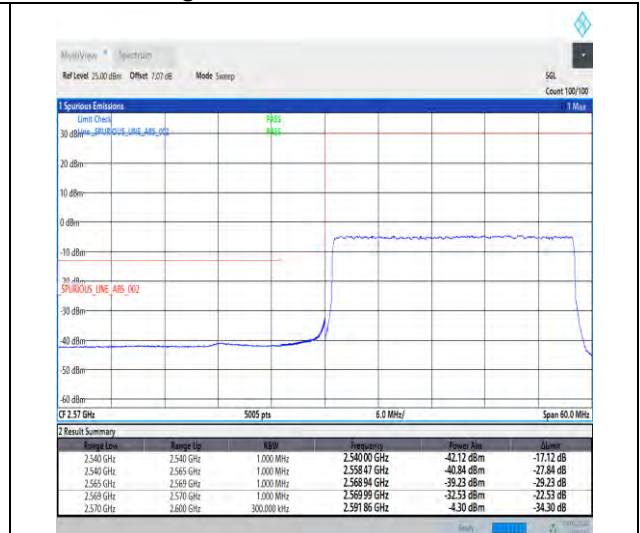
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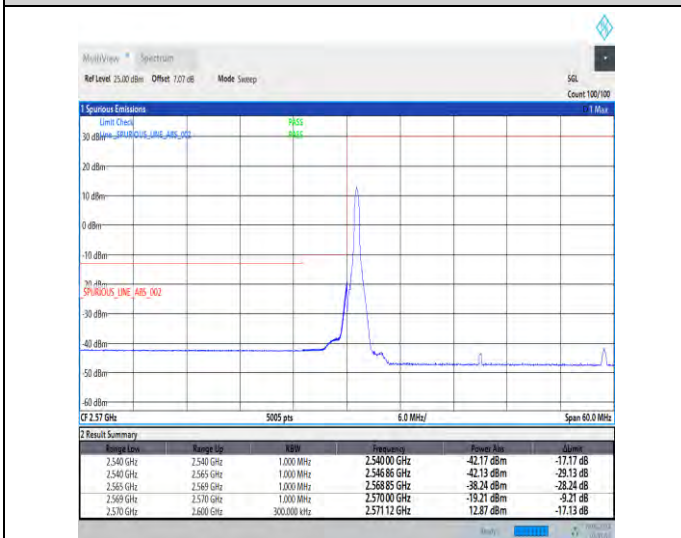
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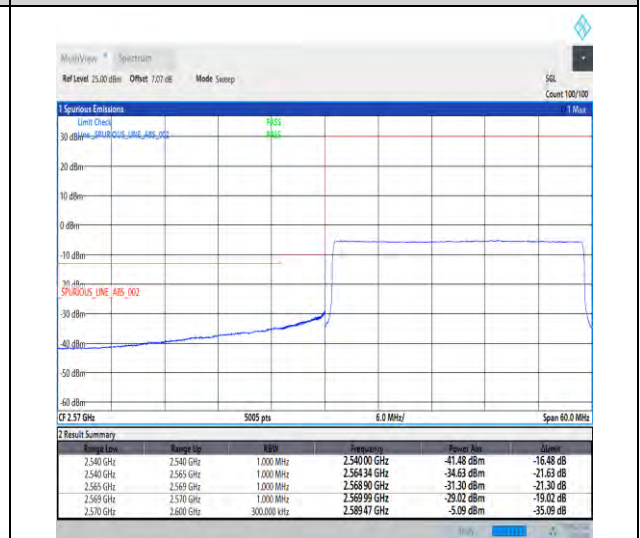
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1-N38-30-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N38-30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant1-1--PASS-see graph



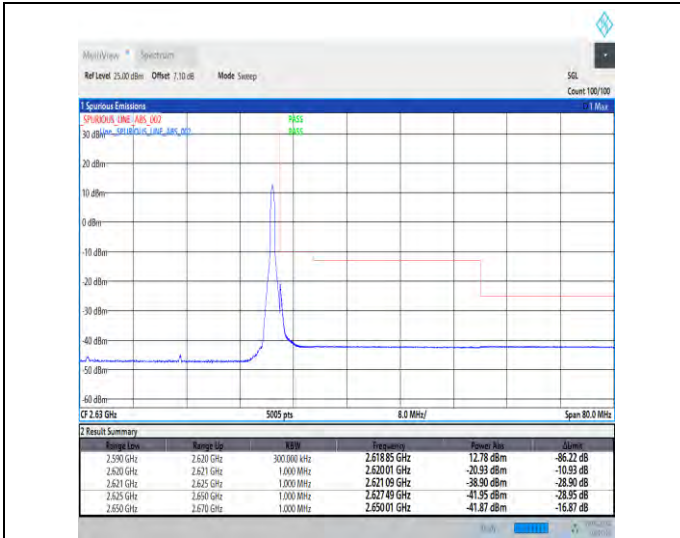
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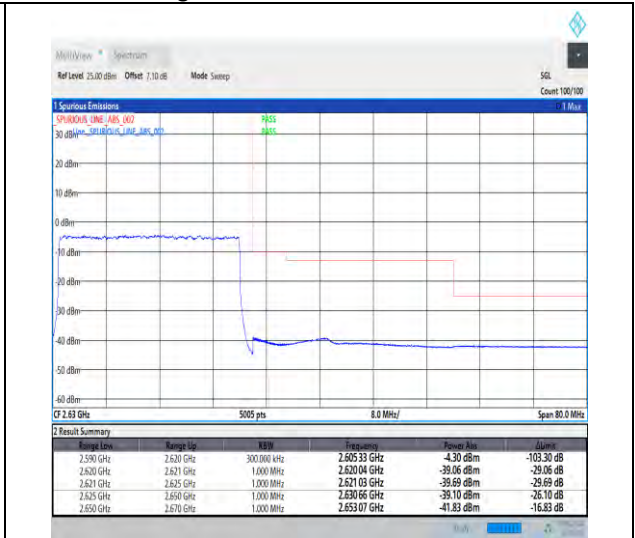
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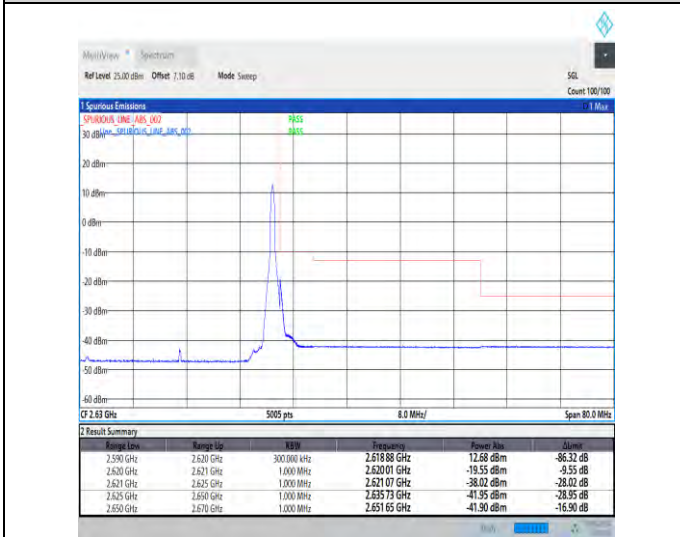
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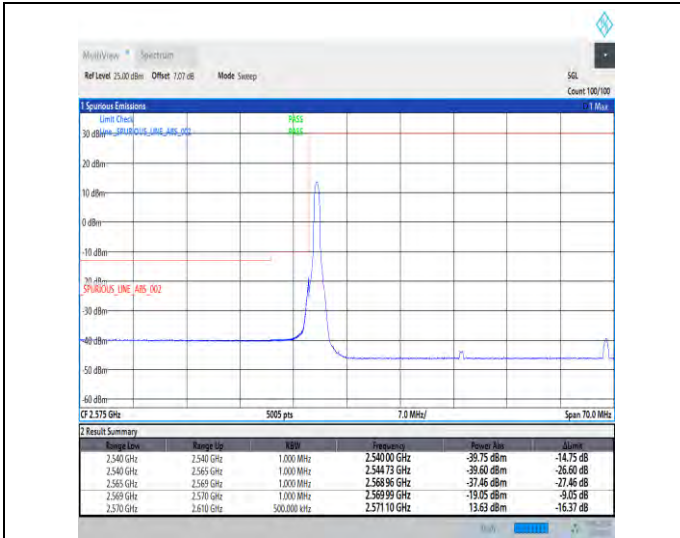
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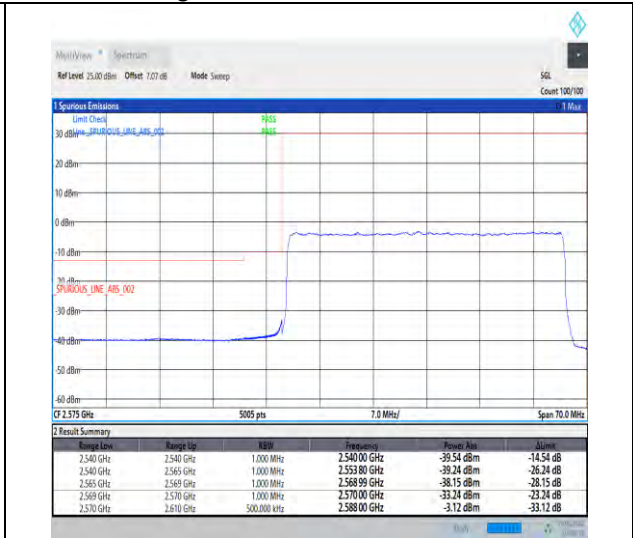
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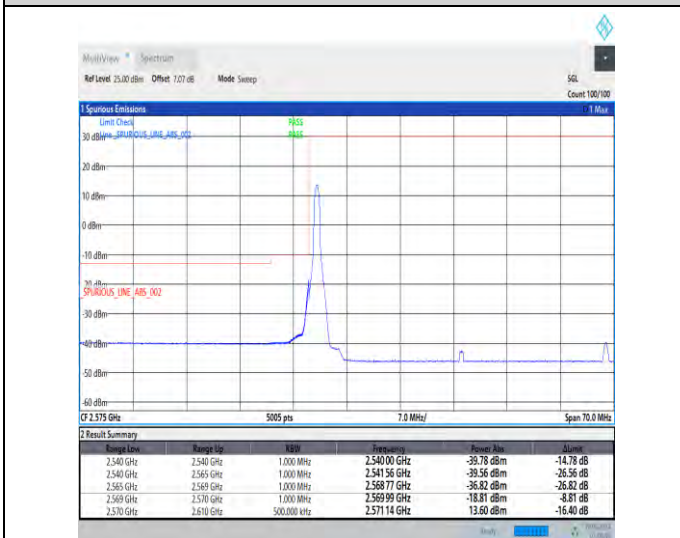
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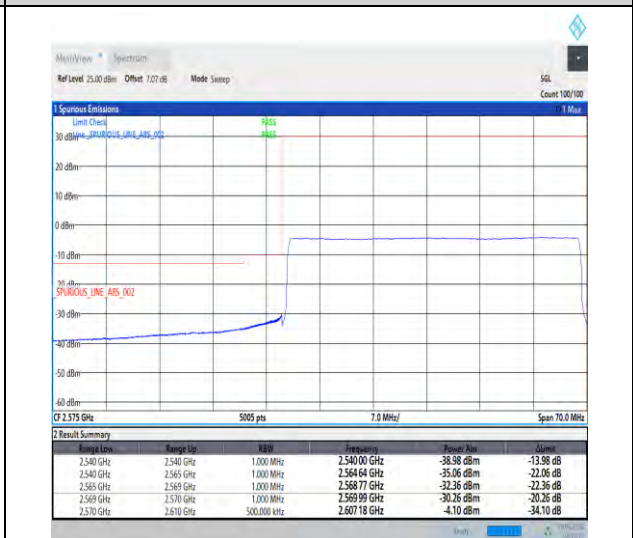
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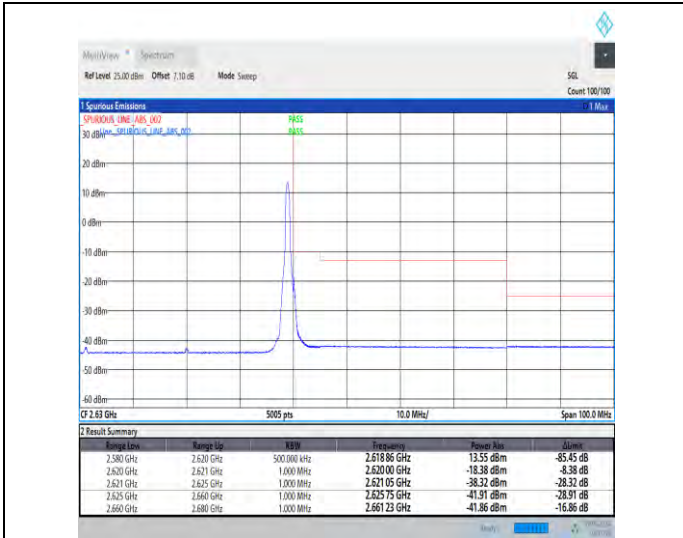
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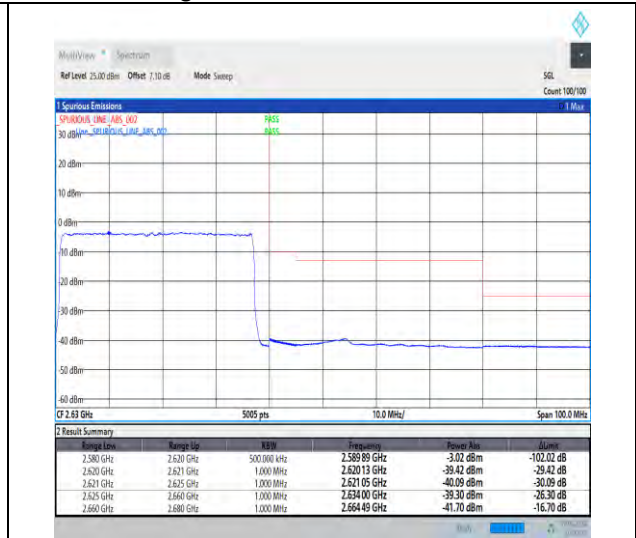
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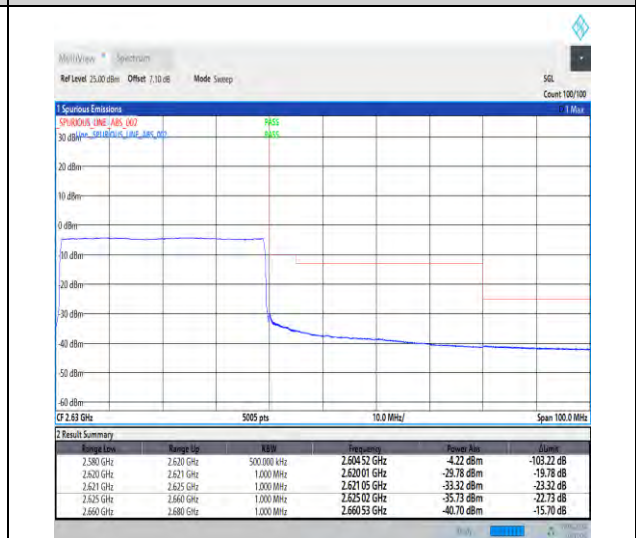
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1-N38-30-40-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-1--PASS-see graph



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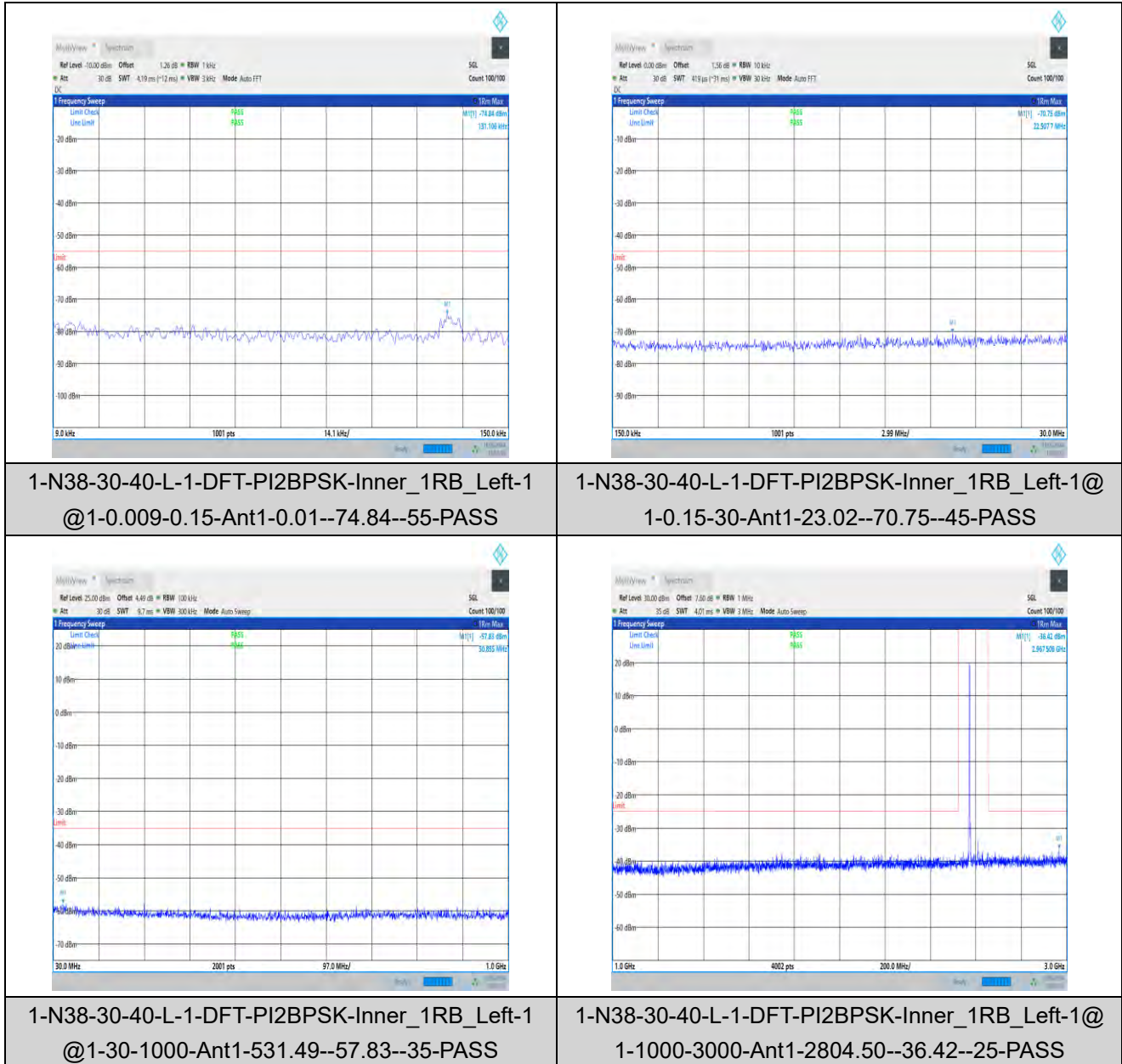
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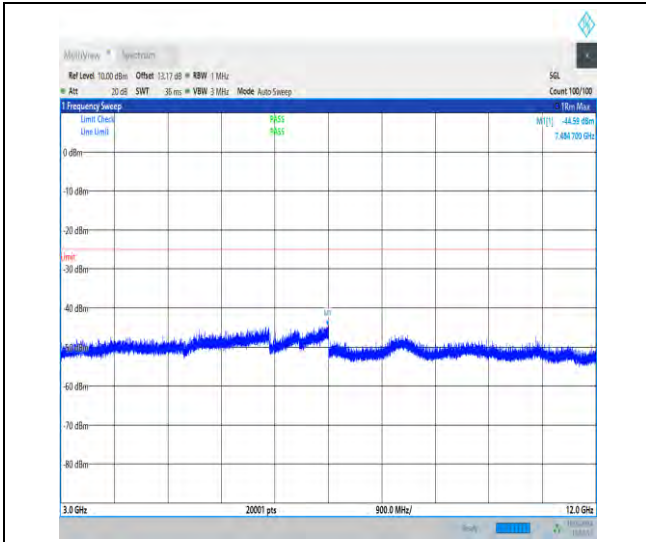
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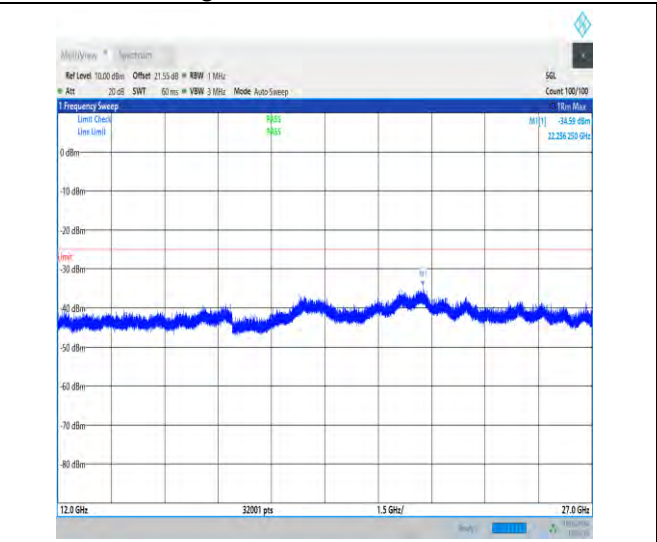
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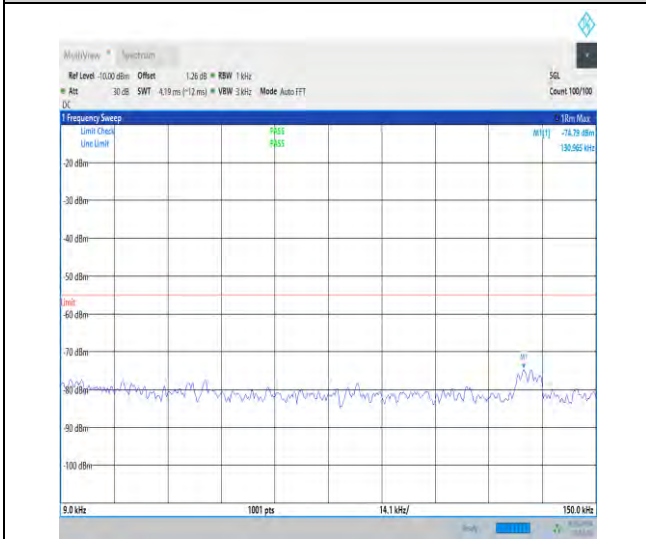
Member of the SGS Group (SGS SA)



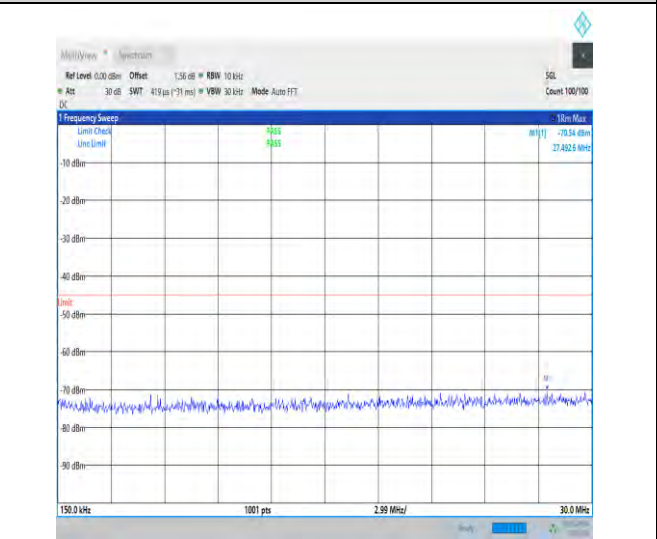
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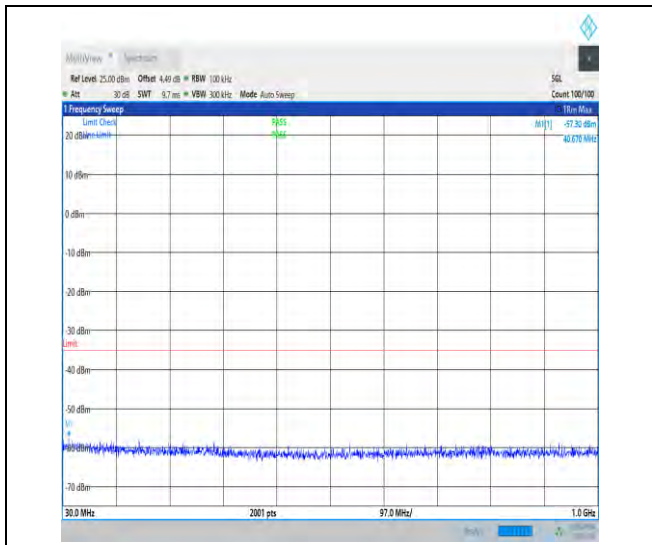
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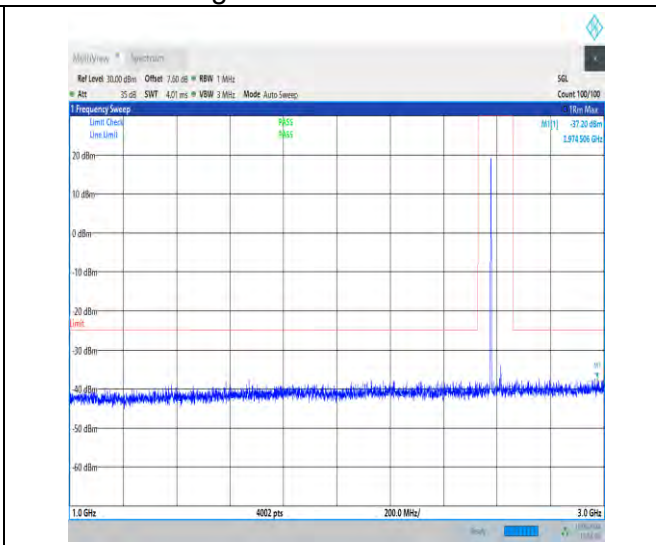
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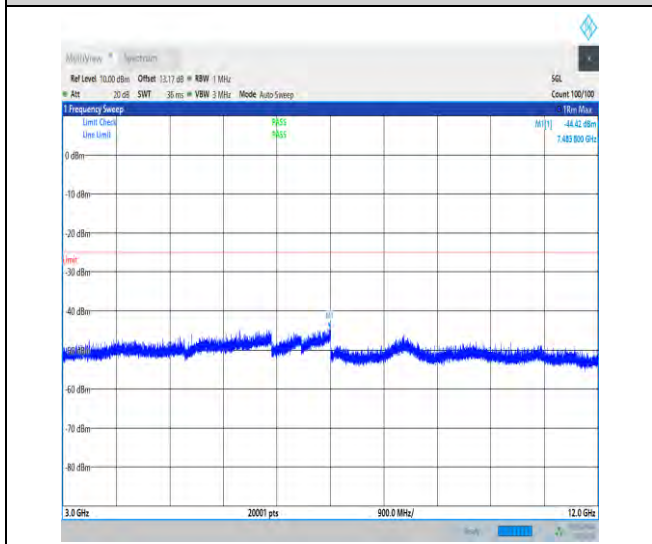
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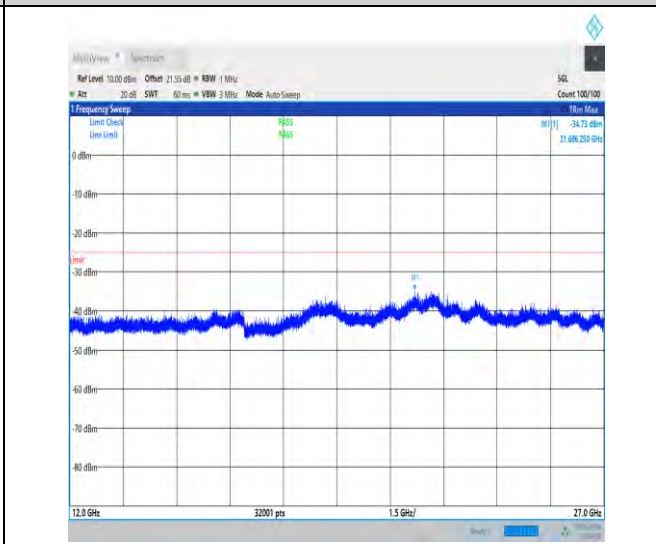
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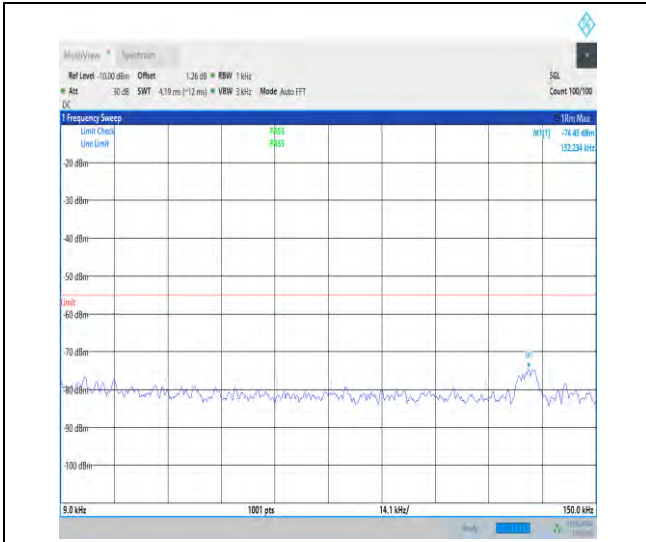
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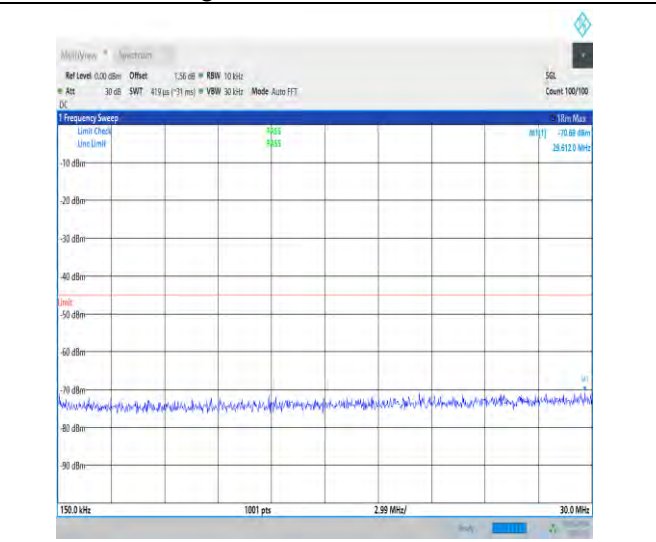
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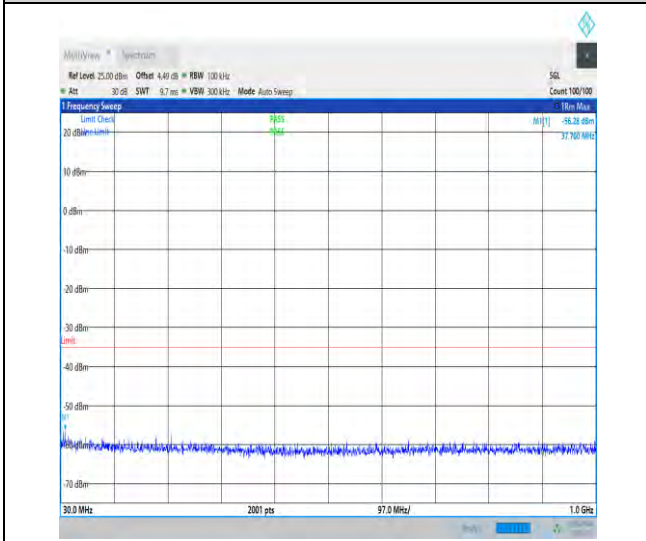
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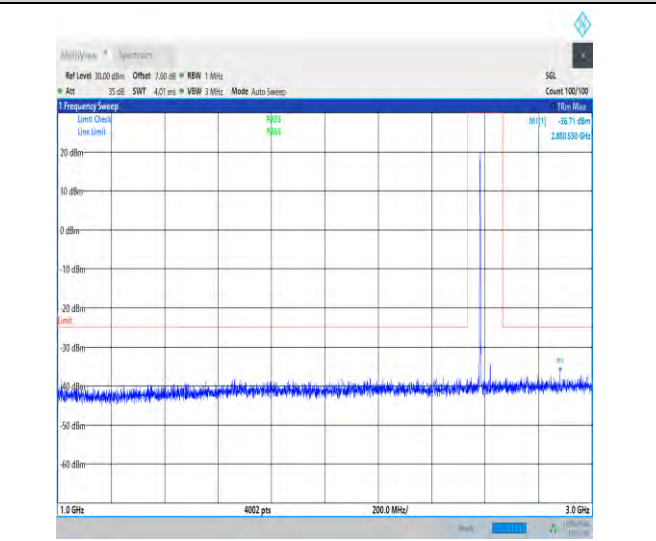
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1-N38-30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-0.15-30-Ant1-23.43--70.69--45-PASS



1-N38-30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-30-1000-Ant1-550.89--56.28--35-PASS



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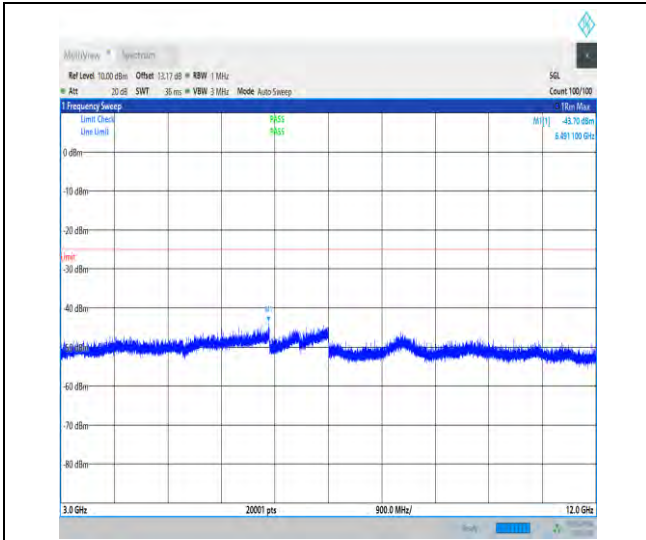


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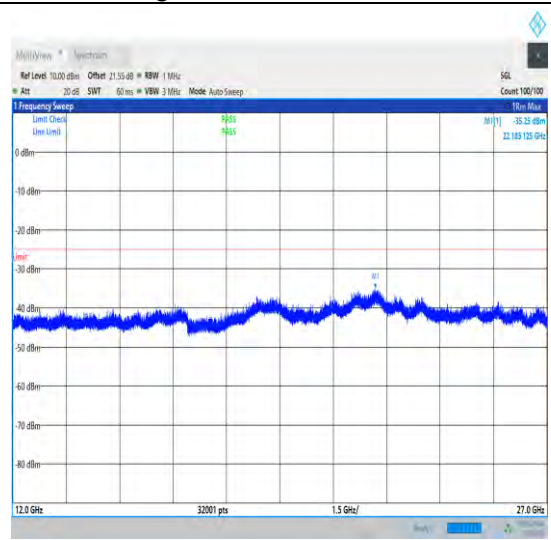
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1-N38-30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant1-3517.50--43.70--25-PASS



1-N38-30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-12000-27000-Ant1-21504.00--35.25--25-PASS



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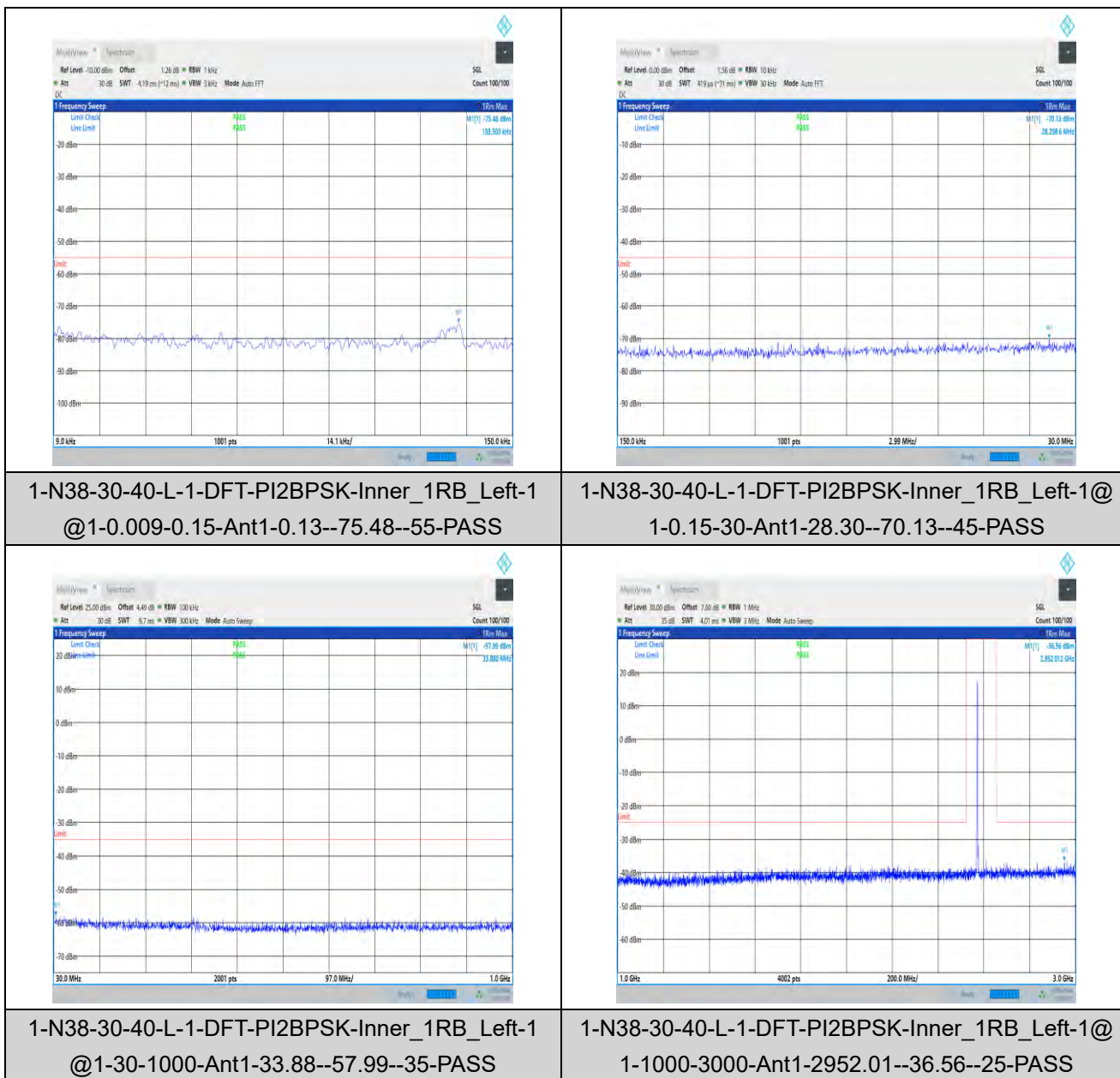
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Conducted Spurious Emission for SA forMIMO

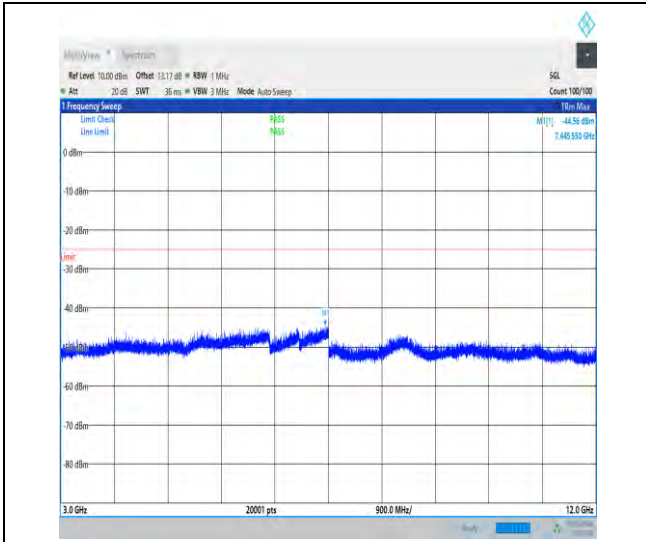
Test Graphs



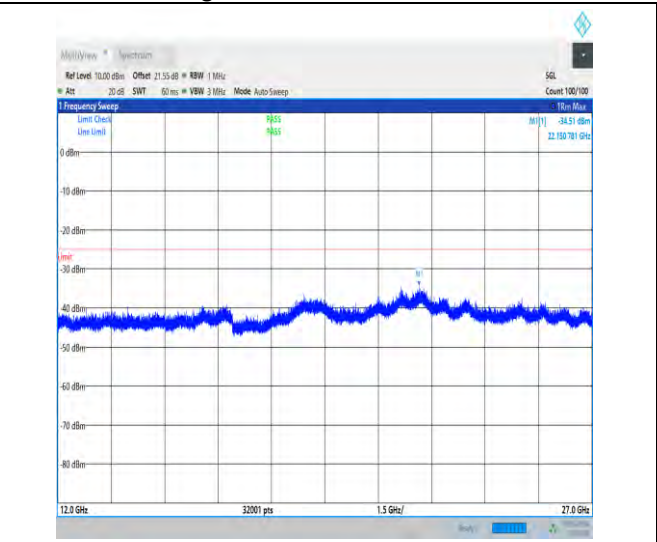
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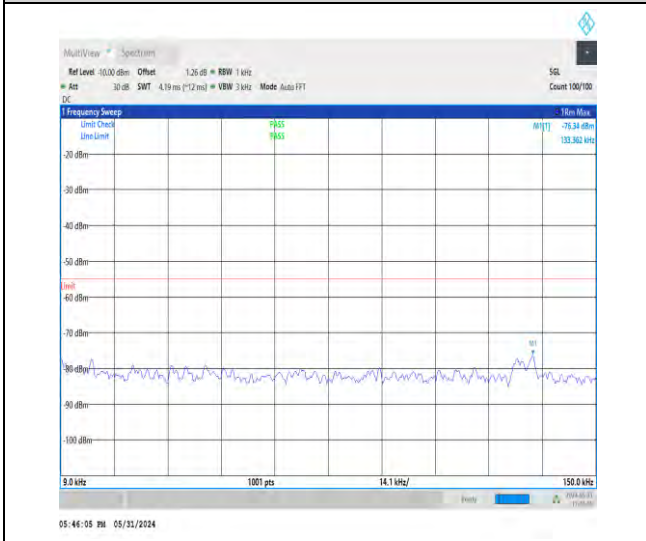
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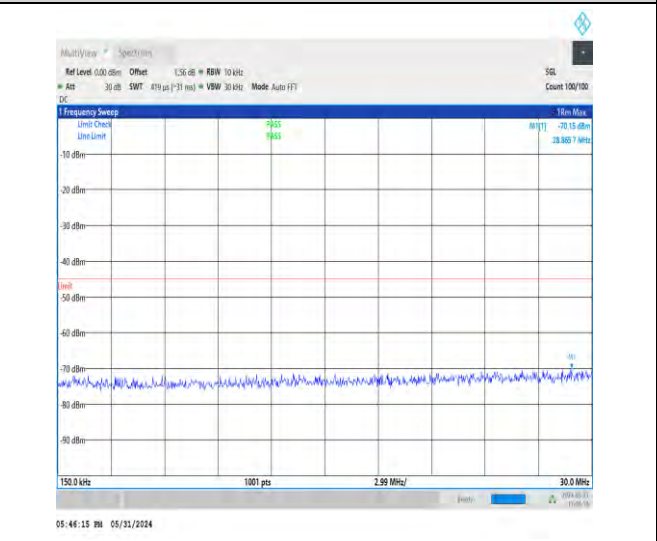
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1-N38-30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-0.009-0.15-Ant1-0.13--76.34--55-PASS



1-N38-30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1 @ 1-0.15-30-Ant1-28.39--70.15--45-PASS

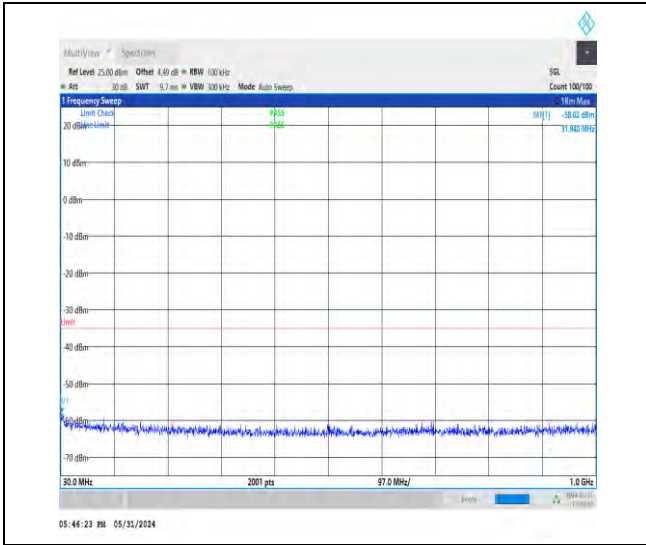


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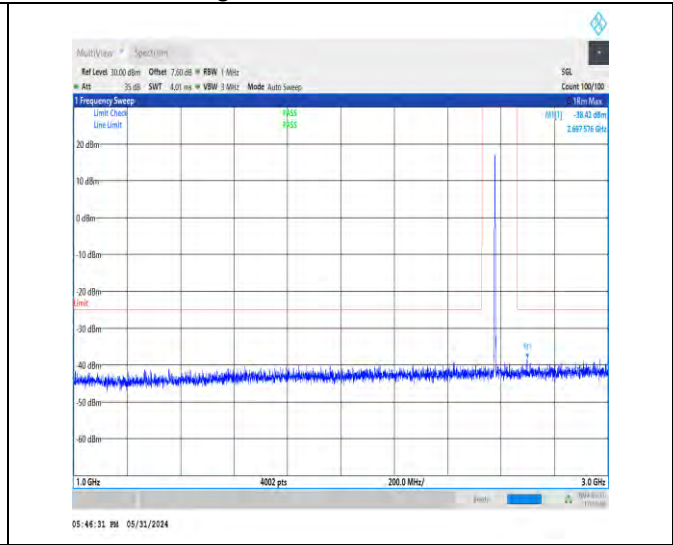
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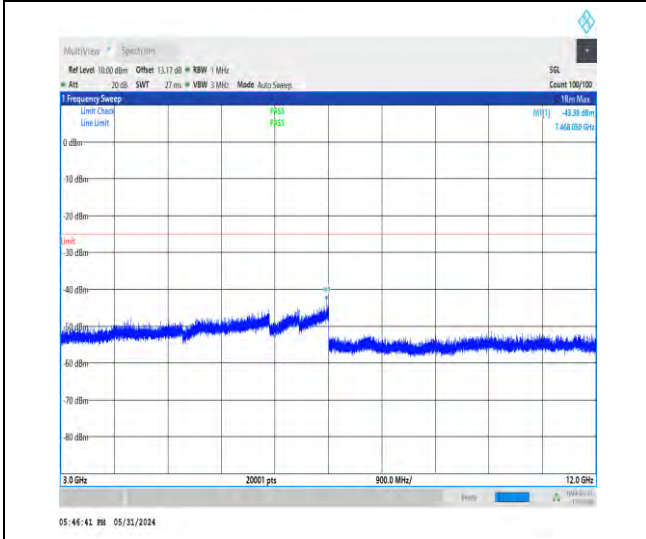
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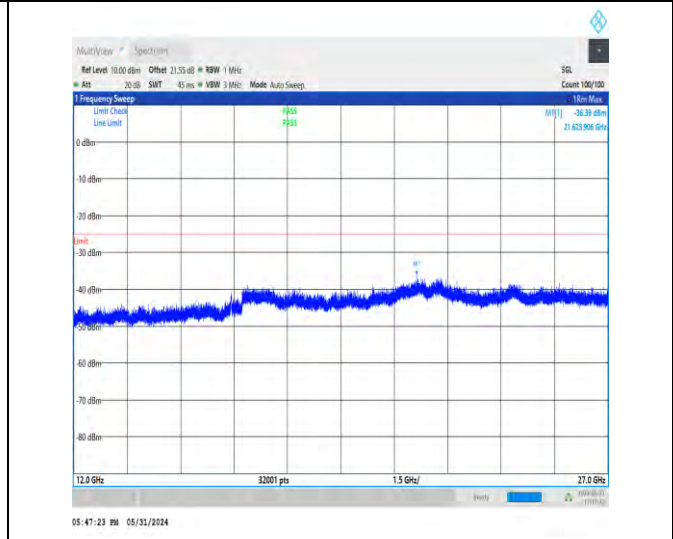
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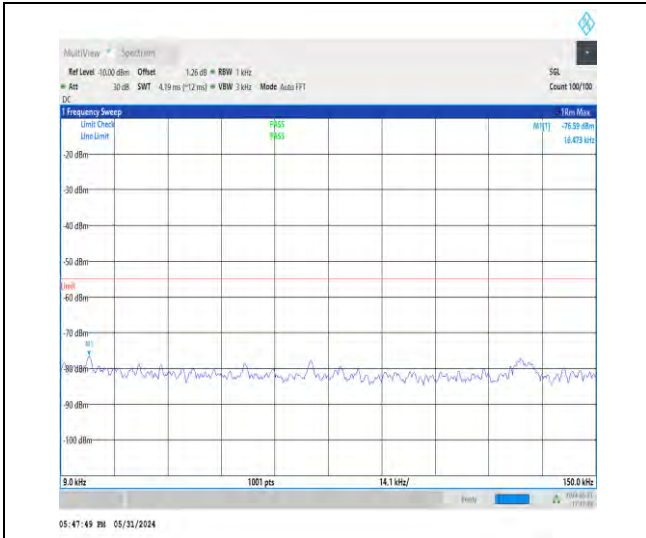
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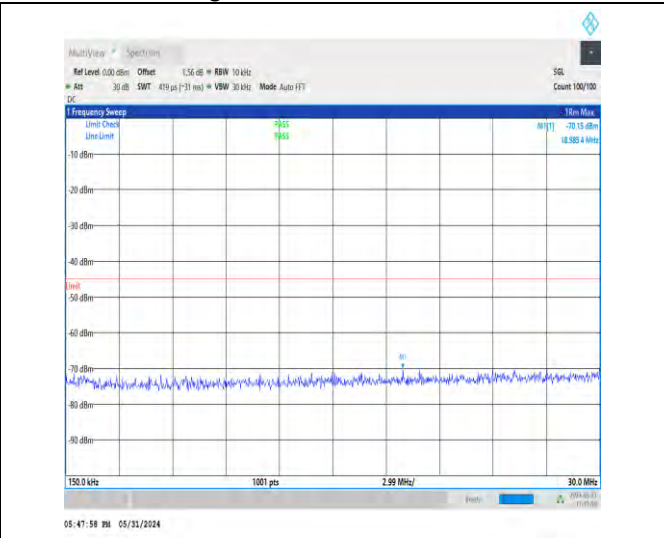
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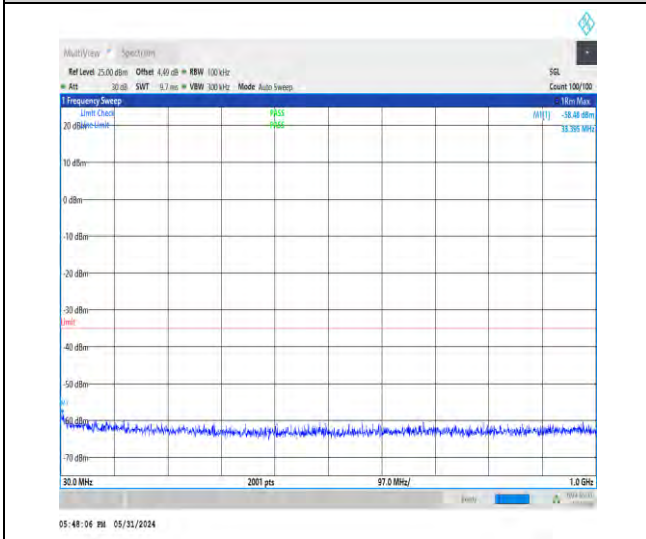
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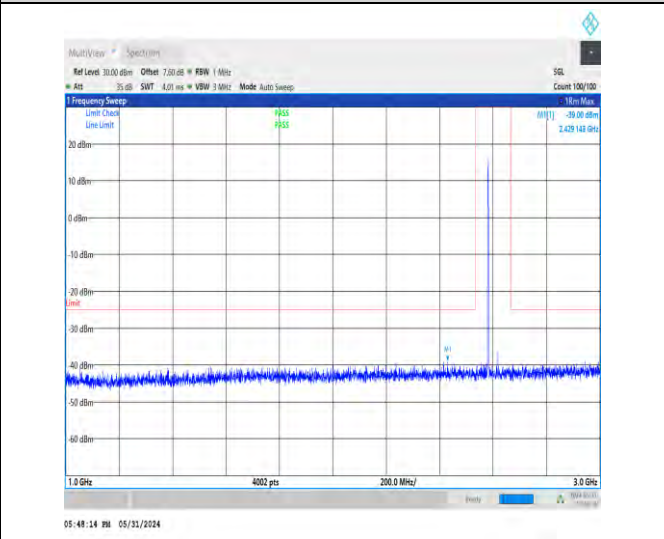
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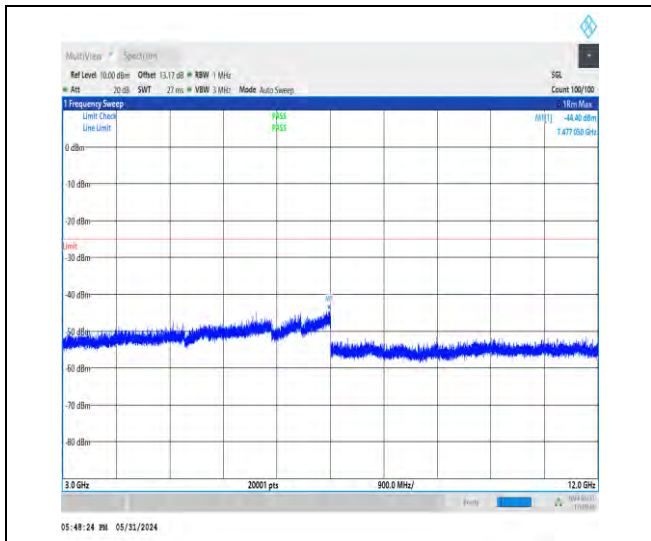
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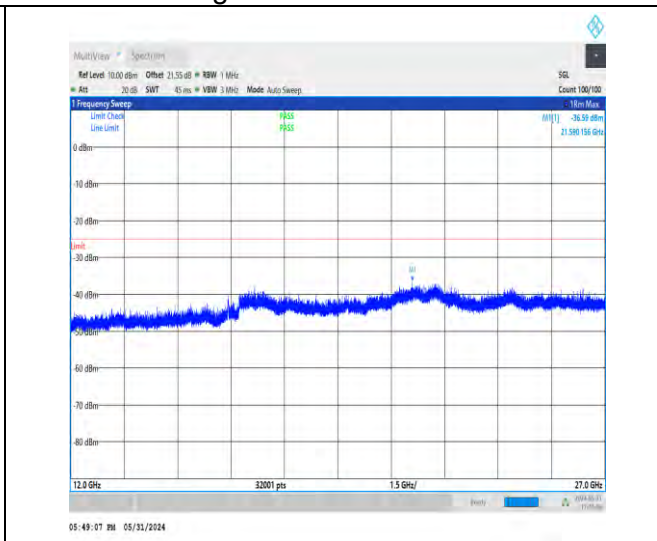
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1-N38-30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant1-7477.05--44.40--25-PASS



1-N38-30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-12000-27000-Ant1-21590.16--36.59--25-PASS



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Field Strength of Spurious Radiation

Test Band = SA_n38

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5142.5	61.46	-42.22	31.76	-44.26	-25.00	19.26	Horizontal
2	7713	48.62	-37.30	36.70	-47.24	-25.00	22.24	Horizontal
3	11005	42.54	-33.85	40.11	-46.46	-25.00	21.46	Horizontal
4	12855.5	46.42	-33.44	38.89	-43.39	-25.00	18.39	Horizontal
5	14803	41.95	-32.51	41.58	-44.24	-25.00	19.24	Horizontal
6	16597.5	41.51	-30.91	39.50	-45.16	-25.00	20.16	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3812.5	47.40	-43.87	29.78	-61.95	-25.00	36.95	Vertical
2	5142	63.63	-42.22	31.75	-42.10	-25.00	17.10	Vertical
3	7713.5	49.98	-37.30	36.69	-45.89	-25.00	20.89	Vertical
4	10284.5	46.35	-34.67	39.04	-44.54	-25.00	19.54	Vertical
5	12855.5	56.96	-33.44	38.89	-32.85	-25.00	7.85	Vertical
6	15277.5	41.36	-30.66	39.86	-44.70	-25.00	19.70	Vertical



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Test Band = SA_n38

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5152	61.05	-42.18	31.80	-44.59	-25.00	19.59	Horizontal
2	7728	53.11	-37.39	36.58	-42.96	-25.00	17.96	Horizontal
3	10304	43.21	-34.89	39.10	-47.84	-25.00	22.84	Horizontal
4	12880.5	49.78	-33.85	38.84	-40.49	-25.00	15.49	Horizontal
5	15571.5	40.73	-29.58	38.61	-45.50	-25.00	20.50	Horizontal
6	17981	41.34	-39.75	47.86	-45.81	-25.00	20.81	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5152	61.76	-42.18	31.80	-43.88	-25.00	18.88	Vertical
2	7728	48.37	-37.39	36.58	-47.70	-25.00	22.70	Vertical
3	10304.5	47.11	-34.89	39.10	-43.94	-25.00	18.94	Vertical
4	12880.5	57.97	-33.85	38.84	-32.30	-25.00	7.30	Vertical
5	14798.5	41.35	-32.56	41.60	-44.87	-25.00	19.87	Vertical
6	16589.5	41.84	-30.91	39.48	-44.85	-25.00	19.85	Vertical



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Test Band = SA_n38

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4893.5	46.85	-42.45	30.86	-60.00	-25.00	35.00	Horizontal
2	6593	45.45	-39.64	34.76	-54.69	-25.00	29.69	Horizontal
3	7743	53.46	-37.49	36.46	-42.83	-25.00	17.83	Horizontal
4	12905.5	54.00	-34.10	38.82	-36.54	-25.00	11.54	Horizontal
5	16110	40.76	-28.24	38.10	-44.64	-25.00	19.64	Horizontal
6	17984.5	42.26	-39.76	47.92	-44.84	-25.00	19.84	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5162	65.43	-42.14	31.82	-40.15	-25.00	15.15	Vertical
2	7743.5	53.90	-37.50	36.45	-42.41	-25.00	17.41	Vertical
3	10324.5	46.21	-34.84	39.12	-44.77	-25.00	19.77	Vertical
4	12905.5	50.44	-34.10	38.82	-40.10	-25.00	15.10	Vertical
5	15280.5	41.18	-30.67	39.86	-44.89	-25.00	19.89	Vertical
6	17999.5	41.51	-39.77	48.19	-45.33	-25.00	20.33	Vertical



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Test Band = SA_n38 MIMO

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1323	34.64	-19.08	24.83	-54.87	-25.00	29.87	Horizontal
2	5142	59.17	-42.22	31.75	-46.56	-25.00	21.56	Horizontal
3	7713	43.78	-37.30	36.70	-52.08	-25.00	27.08	Horizontal
4	10284.5	44.14	-34.67	39.04	-46.75	-25.00	21.75	Horizontal
5	12855.5	47.91	-33.44	38.89	-41.90	-25.00	16.90	Horizontal
6	16335.5	41.01	-30.40	38.61	-46.04	-25.00	21.04	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1438	35.10	-18.47	25.20	-53.43	-25.00	28.43	Vertical
2	5142	63.02	-42.22	31.75	-42.71	-25.00	17.71	Vertical
3	7713.5	47.10	-37.30	36.69	-48.77	-25.00	23.77	Vertical
4	10284.5	45.61	-34.67	39.04	-45.28	-25.00	20.28	Vertical
5	12855.5	49.26	-33.44	38.89	-40.55	-25.00	15.55	Vertical
6	15691.5	40.42	-29.34	38.50	-45.68	-25.00	20.68	Vertical



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Test Band = SA_n38 MIMO

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1476	35.09	-18.45	25.09	-53.53	-25.00	28.53	Horizontal
2	3948	47.25	-43.75	29.89	-61.87	-25.00	36.87	Horizontal
3	5152.5	58.70	-42.18	31.81	-46.93	-25.00	21.93	Horizontal
4	7728.5	47.46	-37.40	36.57	-48.63	-25.00	23.63	Horizontal
5	12880.5	46.76	-33.85	38.84	-43.51	-25.00	18.51	Horizontal
6	16114	40.90	-28.32	38.10	-44.58	-25.00	19.58	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1449	34.88	-18.43	25.29	-53.52	-25.00	28.52	Vertical
2	5152	64.95	-42.18	31.80	-40.69	-25.00	15.69	Vertical
3	7728.5	49.45	-37.40	36.57	-46.64	-25.00	21.64	Vertical
4	10304	45.25	-34.89	39.10	-45.80	-25.00	20.80	Vertical
5	12880.5	53.78	-33.85	38.84	-36.49	-25.00	11.49	Vertical
6	17184	43.43	-35.66	42.44	-45.05	-25.00	20.05	Vertical



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Test Band = SA_n38 MIMO

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1501.5	35.42	-18.45	24.88	-53.41	-25.00	28.41	Horizontal
2	5162	56.82	-42.14	31.82	-48.76	-25.00	23.76	Horizontal
3	7743	49.26	-37.49	36.46	-47.03	-25.00	22.03	Horizontal
4	12905.5	47.93	-34.10	38.82	-42.61	-25.00	17.61	Horizontal
5	14795	42.07	-32.74	41.62	-44.31	-25.00	19.31	Horizontal
6	16560	41.66	-30.92	39.42	-45.10	-25.00	20.10	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1451.5	35.01	-18.43	25.29	-53.39	-25.00	28.39	Vertical
2	5162	62.56	-42.14	31.82	-43.02	-25.00	18.02	Vertical
3	7743	48.24	-37.49	36.46	-48.05	-25.00	23.05	Vertical
4	10324.5	44.71	-34.84	39.12	-46.27	-25.00	21.27	Vertical
5	12905.5	51.45	-34.10	38.82	-39.09	-25.00	14.09	Vertical
6	16594.5	41.87	-30.91	39.49	-44.81	-25.00	19.81	Vertical



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Test Band = NSA_B2+n38

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3755.5	70.75	-43.86	29.62	-38.75	-25.00	13.75	Horizontal
2	5142.5	57.03	-42.22	31.76	-48.69	-25.00	23.69	Horizontal
3	5633.5	55.72	-41.36	32.53	-48.37	-25.00	23.37	Horizontal
4	7511	44.51	-38.07	36.79	-52.03	-25.00	27.03	Horizontal
5	7713	48.33	-37.30	36.70	-47.53	-25.00	22.53	Horizontal
6	12855	50.16	-33.43	38.89	-39.64	-25.00	14.64	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3755.5	72.38	-43.86	29.62	-37.12	-25.00	12.12	Vertical
2	5142	60.79	-42.22	31.75	-44.94	-25.00	19.94	Vertical
3	5633.5	65.49	-41.36	32.53	-38.60	-25.00	13.60	Vertical
4	7511.5	48.49	-38.07	36.79	-48.05	-25.00	23.05	Vertical
5	9389	50.22	-35.33	37.32	-43.05	-25.00	18.05	Vertical
6	12855.5	52.92	-33.44	38.89	-36.89	-25.00	11.89	Vertical



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Rev.: 01

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Test Band = NSA_B2+n38

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3755.5	72.02	-43.86	29.62	-37.48	-25.00	12.48	Horizontal
2	5152	62.07	-42.18	31.80	-43.57	-25.00	18.57	Horizontal
3	5633.5	56.20	-41.36	32.53	-47.89	-25.00	22.89	Horizontal
4	7728	47.63	-37.39	36.58	-48.44	-25.00	23.44	Horizontal
5	9389	48.53	-35.33	37.32	-44.74	-25.00	19.74	Horizontal
6	12880.5	50.89	-33.85	38.84	-39.38	-25.00	14.38	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3755.5	72.61	-43.86	29.62	-36.89	-25.00	11.89	Vertical
2	5152	65.38	-42.18	31.80	-40.26	-25.00	15.26	Vertical
3	5633.5	65.90	-41.36	32.53	-38.19	-25.00	13.19	Vertical
4	7511.5	49.97	-38.07	36.79	-46.57	-25.00	21.57	Vertical
5	7728.5	50.38	-37.40	36.57	-45.71	-25.00	20.71	Vertical
6	12880.5	51.70	-33.85	38.84	-38.57	-25.00	13.57	Vertical



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Test Band = NSA_B2+n38

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3755.5	69.69	-43.86	29.62	-39.81	-25.00	14.81	Horizontal
2	5162	54.65	-42.14	31.82	-50.93	-25.00	25.93	Horizontal
3	5633.5	56.54	-41.36	32.53	-47.55	-25.00	22.55	Horizontal
4	7743.5	46.52	-37.50	36.45	-49.79	-25.00	24.79	Horizontal
5	9389.5	46.79	-35.33	37.32	-46.48	-25.00	21.48	Horizontal
6	13430	43.53	-33.03	39.69	-45.07	-25.00	20.07	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3755.5	74.17	-43.86	29.62	-35.33	-25.00	10.33	Vertical
2	5162	60.21	-42.14	31.82	-45.37	-25.00	20.37	Vertical
3	5633.5	63.52	-41.36	32.53	-40.57	-25.00	15.57	Vertical
4	7511.5	49.50	-38.07	36.79	-47.04	-25.00	22.04	Vertical
5	7743.5	50.66	-37.50	36.45	-45.65	-25.00	20.65	Vertical
6	9389	49.64	-35.33	37.32	-43.63	-25.00	18.63	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

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
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	-2.600000	-0.001002	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	0.300000	0.000116	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	-8.400000	-0.003237	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VH	NT	-7.400000	-0.002852	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VN	NT	-1.200000	-0.000462	PASS
N38	30	40	CP-QPSK	M	Outer_Full	VL	NT	-4.000000	-0.001541	PASS



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

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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	-1.300000	-0.000501	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	-4.300000	-0.001657	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	-4.900000	-0.001888	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	0	-3.800000	-0.001464	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	10	-2.700000	-0.001040	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	20	1.200000	0.000462	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	30	-2.200000	-0.000848	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	40	-1.600000	-0.000617	PASS
N38	30	40	DFT-PI2BPSK	M	Outer_Full	NV	50	-4.100000	-0.001580	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-30	-0.900000	-0.000347	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-20	-3.800000	-0.001464	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	-10	-3.300000	-0.001272	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	0	-0.300000	-0.000116	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	10	2.200000	0.000848	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	20	2.400000	0.000925	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	30	-9.600000	-0.002543	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	40	-1.800000	-0.000694	PASS
N38	30	40	CP-QPSK	M	Outer_Full	NV	50	0.000000	0.000000	PASS

---End of Attachment---



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