Appendix B.18

NR Band n41 MIMO

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Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant1	Power Ant2	Total Power	ERIP	LIMIT	Verdict
N41	30	20	CP-QPSK	L	Inner_1RB_Left	24.75	23.25	27.07	28.59	33	PASS
N41	30	20	CP-QPSK	L	Inner_1RB_Right	24.84	23.26	27.13	28.65	33	PASS
N41	30	20	CP-QPSK	L	Outer_Full	23.11	22.21	25.69	27.21	33	PASS
N41	30	20	CP-16QAM	L	Inner_1RB_Left	24.22	22.72	26.54	28.06	33	PASS
N41	30	20	CP-16QAM	L	Inner_1RB_Right	23.98	22.81	26.44	27.96	33	PASS
N41	30	20	CP-16QAM	L	Outer_Full	23	21.88	25.49	27.01	33	PASS
N41	30	20	CP-64QAM	L	Inner_1RB_Left	22.36	21.03	24.76	26.28	33	PASS
N41	30	20	CP-64QAM	L	Inner_1RB_Right	22.43	20.93	24.75	26.27	33	PASS
N41	30	20	CP-64QAM	L	Outer_Full	22.6	21.56	25.12	26.64	33	PASS
N41	30	20	CP-256QAM	L	Inner_1RB_Left	19.52	18.48	22.04	23.56	33	PASS
N41	30	20	CP-256QAM	L	Inner_1RB_Right	19.61	18.38	22.05	23.57	33	PASS
N41	30	20	CP-256QAM	L	Outer_Full	19.54	18.52	22.07	23.59	33	PASS
N41	30	20	CP-QPSK	M	Inner_1RB_Left	24.4	23.63	27.04	28.56	33	PASS
N41	30	20	CP-QPSK	M	Inner_1RB_Right	24.58	23.53	27.1	28.62	33	PASS
N41	30	20	CP-QPSK	M	Outer_Full	23.09	21.86	25.53	27.05	33	PASS
N41	30	20	CP-16QAM	M	Inner_1RB_Left	24.03	22.76	26.45	27.97	33	PASS
N41	30	20	CP-16QAM	M	Inner_1RB_Right	24.22	22.72	26.54	28.06	33	PASS
N41	30	20	CP-16QAM	M	Outer_Full	23.12	21.84	25.54	27.06	33	PASS
N41	30	20	CP-64QAM	M	Inner_1RB_Left	22.45	20.91	24.76	26.28	33	PASS
N41	30	20	CP-64QAM	M	Inner_1RB_Right	22.63	20.93	24.87	26.39	33	PASS
N41	30	20	CP-64QAM	M	Outer_Full	22.74	21.43	25.14	26.66	33	PASS
N41	30	20	CP-256QAM	M	Inner_1RB_Left	19.55	18.38	22.01	23.53	33	PASS
N41	30	20	CP-256QAM	M	Inner_1RB_Right	19.8	18.35	22.15	23.67	33	PASS
N41	30	20	CP-256QAM	M	Outer_Full	19.68	18.44	22.11	23.63	33	PASS
N41	30	20	CP-QPSK	H	Inner_1RB_Left	24.35	23.86	27.12	28.64	33	PASS
N41	30	20	CP-QPSK	H	Inner_1RB_Right	24.61	24	27.33	28.85	33	PASS
N41	30	20	CP-QPSK	H	Outer_Full	23.11	22.21	25.69	27.21	33	PASS
N41	30	20	CP-16QAM	H	Inner_1RB_Left	24.02	23	26.55	28.07	33	PASS
N41	30	20	CP-16QAM	H	Inner_1RB_Right	24.12	23.28	26.73	28.25	33	PASS
N41	30	20	CP-16QAM	H	Outer_Full	23.02	22.13	25.61	27.13	33	PASS
N41	30	20	CP-64QAM	H	Inner_1RB_Left	22.44	21.05	24.81	26.33	33	PASS

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N41	30	20	CP-64QAM	H	Inner_1RB_Right	22.56	21.3	24.99	26.51	33	PASS
N41	30	20	CP-64QAM	H	Outer_Full	22.63	21.77	25.23	26.75	33	PASS
N41	30	20	CP-256QAM	H	Inner_1RB_Left	19.65	18.53	22.14	23.66	33	PASS
N41	30	20	CP-256QAM	H	Inner_1RB_Right	19.81	18.81	22.35	23.87	33	PASS
N41	30	20	CP-256QAM	H	Outer_Full	19.63	18.78	22.24	23.76	33	PASS
N41	30	30	CP-QPSK	L	Inner_1RB_Left	24.46	23.89	27.19	28.71	33	PASS
N41	30	30	CP-QPSK	L	Inner_1RB_Right	24.91	23.53	27.28	28.8	33	PASS
N41	30	30	CP-QPSK	L	Outer_Full	23.09	21.98	25.58	27.1	33	PASS
N41	30	30	CP-16QAM	L	Inner_1RB_Left	23.9	23.2	26.57	28.09	33	PASS
N41	30	30	CP-16QAM	L	Inner_1RB_Right	24.23	22.84	26.6	28.12	33	PASS
N41	30	30	CP-16QAM	L	Outer_Full	23.04	21.84	25.49	27.01	33	PASS
N41	30	30	CP-64QAM	L	Inner_1RB_Left	22.44	21.03	24.8	26.32	33	PASS
N41	30	30	CP-64QAM	L	Inner_1RB_Right	22.69	20.87	24.88	26.4	33	PASS
N41	30	30	CP-64QAM	L	Outer_Full	22.65	21.4	25.08	26.6	33	PASS
N41	30	30	CP-256QAM	L	Inner_1RB_Left	19.57	18.44	22.05	23.57	33	PASS
N41	30	30	CP-256QAM	L	Inner_1RB_Right	19.73	18.37	22.11	23.63	33	PASS
N41	30	30	CP-256QAM	L	Outer_Full	19.67	18.42	22.1	23.62	33	PASS
N41	30	30	CP-QPSK	M	Inner_1RB_Left	24.67	23.37	27.08	28.6	33	PASS
N41	30	30	CP-QPSK	M	Inner_1RB_Right	24.78	23.87	27.36	28.88	33	PASS
N41	30	30	CP-QPSK	M	Outer_Full	23.21	21.91	25.62	27.14	33	PASS
N41	30	30	CP-16QAM	M	Inner_1RB_Left	24.17	22.73	26.52	28.04	33	PASS
N41	30	30	CP-16QAM	M	Inner_1RB_Right	24.31	23.15	26.78	28.3	33	PASS
N41	30	30	CP-16QAM	M	Outer_Full	23.04	21.84	25.49	27.01	33	FAIL
N41	30	30	CP-64QAM	M	Inner_1RB_Left	22.55	20.86	24.8	26.32	33	PASS
N41	30	30	CP-64QAM	M	Inner_1RB_Right	22.83	21.2	25.1	26.62	33	PASS
N41	30	30	CP-64QAM	M	Outer_Full	22.76	21.47	25.17	26.69	33	PASS
N41	30	30	CP-256QAM	M	Inner_1RB_Left	19.66	18.36	22.07	23.59	33	PASS
N41	30	30	CP-256QAM	M	Inner_1RB_Right	19.8	18.69	22.29	23.81	33	PASS
N41	30	30	CP-256QAM	M	Outer_Full	19.73	18.5	22.17	23.69	33	PASS
N41	30	30	CP-QPSK	H	Inner_1RB_Left	24.46	24.03	27.26	28.78	33	PASS
N41	30	30	CP-QPSK	H	Inner_1RB_Right	25.1	24.16	27.67	29.19	33	PASS
N41	30	30	CP-QPSK	H	Outer_Full	23.15	22.4	25.8	27.32	33	PASS
N41	30	30	CP-16QAM	H	Inner_1RB_Left	23.97	23.23	26.63	28.15	33	PASS
N41	30	30	CP-16QAM	H	Inner_1RB_Right	24.42	23.67	27.07	28.59	33	PASS
N41	30	30	CP-16QAM	H	Outer_Full	23.13	22.2	25.7	27.22	33	PASS
N41	30	30	CP-64QAM	H	Inner_1RB_Left	22.53	21.13	24.9	26.42	33	PASS
N41	30	30	CP-64QAM	H	Inner_1RB_Right	22.85	21.61	25.28	26.8	33	PASS
N41	30	30	CP-64QAM	H	Outer_Full	22.69	21.53	25.16	26.68	33	PASS

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N41	30	30	CP-256QAM	H	Inner_1RB_Left	19.7	18.64	22.21	23.73	33	PASS
N41	30	30	CP-256QAM	H	Inner_1RB_Right	19.92	19.14	22.56	24.08	33	PASS
N41	30	30	CP-256QAM	H	Outer_Full	19.71	18.95	22.36	23.88	33	PASS
N41	30	40	CP-QPSK	L	Inner_1RB_Left	24.41	23.59	27.03	28.55	33	PASS
N41	30	40	CP-QPSK	L	Inner_1RB_Right	25.11	23.53	27.4	28.92	33	PASS
N41	30	40	CP-QPSK	L	Outer_Full	23.21	21.98	25.65	27.17	33	PASS
N41	30	40	CP-16QAM	L	Inner_1RB_Left	24.54	23.06	26.87	28.39	33	PASS
N41	30	40	CP-16QAM	L	Inner_1RB_Right	24.46	22.89	26.76	28.28	33	PASS
N41	30	40	CP-16QAM	L	Outer_Full	23.2	21.96	25.63	27.15	33	PASS
N41	30	40	CP-64QAM	L	Inner_1RB_Left	22.54	21.1	24.89	26.41	33	PASS
N41	30	40	CP-64QAM	L	Inner_1RB_Right	23.01	21.13	25.18	26.7	33	PASS
N41	30	40	CP-64QAM	L	Outer_Full	22.69	21.53	25.16	26.68	33	PASS
N41	30	40	CP-256QAM	L	Inner_1RB_Left	19.64	18.55	22.14	23.66	33	PASS
N41	30	40	CP-256QAM	L	Inner_1RB_Right	19.96	18.55	22.32	23.84	33	PASS
N41	30	40	CP-256QAM	L	Outer_Full	19.74	18.58	22.21	23.73	33	PASS
N41	30	40	CP-QPSK	M	Inner_1RB_Left	24.71	23.72	27.25	28.77	33	PASS
N41	30	40	CP-QPSK	M	Inner_1RB_Right	24.72	23.97	27.37	28.89	33	PASS
N41	30	40	CP-QPSK	M	Outer_Full	23.16	21.96	25.61	27.13	33	PASS
N41	30	40	CP-16QAM	M	Inner_1RB_Left	24.22	22.68	26.53	28.05	33	PASS
N41	30	40	CP-16QAM	M	Inner_1RB_Right	24.46	23.13	26.86	28.38	33	PASS
N41	30	40	CP-16QAM	M	Outer_Full	23.95	23.01	26.52	28.04	33	PASS
N41	30	40	CP-64QAM	M	Inner_1RB_Left	22.77	20.91	24.95	26.47	33	PASS
N41	30	40	CP-64QAM	M	Inner_1RB_Right	22.75	21.24	25.07	26.59	33	PASS
N41	30	40	CP-64QAM	M	Outer_Full	22.67	21.49	25.13	26.65	33	PASS
N41	30	40	CP-256QAM	M	Inner_1RB_Left	19.74	18.33	22.1	23.62	33	PASS
N41	30	40	CP-256QAM	M	Inner_1RB_Right	19.88	18.74	22.36	23.88	33	PASS
N41	30	40	CP-256QAM	M	Outer_Full	19.78	18.56	22.22	23.74	33	PASS
N41	30	40	CP-QPSK	H	Inner_1RB_Left	24.5	24.21	27.37	28.89	33	PASS
N41	30	40	CP-QPSK	H	Inner_1RB_Right	25	24.2	27.63	29.15	33	PASS
N41	30	40	CP-QPSK	H	Outer_Full	23.18	22.39	25.81	27.33	33	PASS
N41	30	40	CP-16QAM	H	Inner_1RB_Left	24.43	23.35	26.93	28.45	33	PASS
N41	30	40	CP-16QAM	H	Inner_1RB_Right	24.45	23.6	27.06	28.58	33	PASS
N41	30	40	CP-16QAM	H	Outer_Full	23.95	23.01	26.52	28.04	33	PASS
N41	30	40	CP-64QAM	H	Inner_1RB_Left	22.48	21.27	24.93	26.45	33	PASS
N41	30	40	CP-64QAM	H	Inner_1RB_Right	22.83	21.79	25.35	26.87	33	PASS
N41	30	40	CP-64QAM	H	Outer_Full	22.67	21.9	25.31	26.83	33	PASS
N41	30	40	CP-256QAM	H	Inner_1RB_Left	19.6	18.72	22.19	23.71	33	PASS
N41	30	40	CP-256QAM	H	Inner_1RB_Right	20.08	19.21	22.68	24.2	33	PASS

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N41	30	40	CP-256QAM	H	Outer_Full	19.75	18.99	22.4	23.92	33	PASS
N41	30	50	CP-QPSK	L	Inner_1RB_Left	24.39	23.25	26.87	28.39	33	PASS
N41	30	50	CP-QPSK	L	Inner_1RB_Right	24.69	23.3	27.06	28.58	33	PASS
N41	30	50	CP-QPSK	L	Outer_Full	23.2	21.96	25.63	27.15	33	PASS
N41	30	50	CP-16QAM	L	Inner_1RB_Left	23.95	23.01	26.52	28.04	33	PASS
N41	30	50	CP-16QAM	L	Inner_1RB_Right	24.31	22.75	26.61	28.13	33	PASS
N41	30	50	CP-16QAM	L	Outer_Full	23.16	21.96	25.61	27.13	33	PASS
N41	30	50	CP-64QAM	L	Inner_1RB_Left	22.34	20.91	24.69	26.21	33	PASS
N41	30	50	CP-64QAM	L	Inner_1RB_Right	22.56	20.97	24.85	26.37	33	PASS
N41	30	50	CP-64QAM	L	Outer_Full	22.6	21.32	25.02	26.54	33	PASS
N41	30	50	CP-256QAM	L	Inner_1RB_Left	19.52	18.34	21.98	23.5	33	PASS
N41	30	50	CP-256QAM	L	Inner_1RB_Right	19.69	18.38	22.09	23.61	33	PASS
N41	30	50	CP-256QAM	L	Outer_Full	19.53	18.4	22.01	23.53	33	PASS
N41	30	50	CP-QPSK	M	Inner_1RB_Left	24.6	23.44	27.07	28.59	33	PASS
N41	30	50	CP-QPSK	M	Inner_1RB_Right	24.6	23.92	27.28	28.8	33	PASS
N41	30	50	CP-QPSK	M	Outer_Full	23.05	21.82	25.49	27.01	33	PASS
N41	30	50	CP-16QAM	M	Inner_1RB_Left	24.02	22.73	26.43	27.95	33	PASS
N41	30	50	CP-16QAM	M	Inner_1RB_Right	24.33	23.2	26.81	28.33	33	PASS
N41	30	50	CP-16QAM	M	Outer_Full	23.95	23.01	26.52	28.04	33	PASS
N41	30	50	CP-64QAM	M	Inner_1RB_Left	22.48	20.77	24.72	26.24	33	PASS
N41	30	50	CP-64QAM	M	Inner_1RB_Right	22.63	21.27	25.01	26.53	33	PASS
N41	30	50	CP-64QAM	M	Outer_Full	22.58	21.28	24.99	26.51	33	PASS
N41	30	50	CP-256QAM	M	Inner_1RB_Left	19.57	18.23	21.96	23.48	33	PASS
N41	30	50	CP-256QAM	M	Inner_1RB_Right	19.78	18.74	22.3	23.82	33	PASS
N41	30	50	CP-256QAM	M	Outer_Full	19.55	18.38	22.01	23.53	33	PASS
N41	30	50	CP-QPSK	H	Inner_1RB_Left	24.23	23.66	26.96	28.48	33	PASS
N41	30	50	CP-QPSK	H	Inner_1RB_Right	24.14	22.84	26.55	28.07	33	PASS
N41	30	50	CP-QPSK	H	Outer_Full	22.96	22.11	25.57	27.09	33	PASS
N41	30	50	CP-16QAM	H	Inner_1RB_Left	23.88	22.91	26.43	27.95	33	PASS
N41	30	50	CP-16QAM	H	Inner_1RB_Right	24.31	23.3	26.84	28.36	33	PASS
N41	30	50	CP-16QAM	H	Outer_Full	22.98	22.14	25.59	27.11	33	PASS
N41	30	50	CP-64QAM	H	Inner_1RB_Left	22.2	20.96	24.63	26.15	33	PASS
N41	30	50	CP-64QAM	H	Inner_1RB_Right	22.58	21.44	25.06	26.58	33	PASS
N41	30	50	CP-64QAM	H	Outer_Full	22.49	21.61	25.08	26.6	33	PASS
N41	30	50	CP-256QAM	H	Inner_1RB_Left	19.38	18.41	21.93	23.45	33	PASS
N41	30	50	CP-256QAM	H	Inner_1RB_Right	19.75	18.93	22.37	23.89	33	PASS
N41	30	50	CP-256QAM	H	Outer_Full	19.53	18.71	22.15	23.67	33	PASS
N41	30	60	CP-QPSK	L	Inner_1RB_Left	24.4	23.7	27.07	28.59	33	PASS

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N41	30	60	CP-QPSK	L	Inner_1RB_Right	24.54	23.29	26.97	28.49	33	PASS
N41	30	60	CP-QPSK	L	Outer_Full	23.06	21.88	25.52	27.04	33	PASS
N41	30	60	CP-16QAM	L	Inner_1RB_Left	24.14	22.84	26.55	28.07	33	PASS
N41	30	60	CP-16QAM	L	Inner_1RB_Right	24.06	22.72	26.45	27.97	33	PASS
N41	30	60	CP-16QAM	L	Outer_Full	23.01	21.87	25.49	27.01	33	PASS
N41	30	60	CP-64QAM	L	Inner_1RB_Left	22.98	22.14	25.59	27.11	33	PASS
N41	30	60	CP-64QAM	L	Inner_1RB_Right	22.46	20.97	24.79	26.31	33	PASS
N41	30	60	CP-64QAM	L	Outer_Full	22.59	21.35	25.02	26.54	33	PASS
N41	30	60	CP-256QAM	L	Inner_1RB_Left	19.48	18.31	21.94	23.46	33	PASS
N41	30	60	CP-256QAM	L	Inner_1RB_Right	19.75	18.93	22.37	23.89	33	PASS
N41	30	60	CP-256QAM	L	Outer_Full	19.59	18.45	22.07	23.59	33	PASS
N41	30	60	CP-QPSK	M	Inner_1RB_Left	22.85	21.64	25.3	26.82	33	PASS
N41	30	60	CP-QPSK	M	Inner_1RB_Right	23.07	22.1	25.62	27.14	33	PASS
N41	30	60	CP-QPSK	M	Outer_Full	23.07	21.82	25.5	27.02	33	PASS
N41	30	60	CP-16QAM	M	Inner_1RB_Left	23.08	21.64	25.43	26.95	33	PASS
N41	30	60	CP-16QAM	M	Inner_1RB_Right	22.84	22.35	25.61	27.13	33	PASS
N41	30	60	CP-16QAM	M	Outer_Full	23.1	21.8	25.51	27.03	33	PASS
N41	30	60	CP-64QAM	M	Inner_1RB_Left	22.41	20.7	24.65	26.17	33	PASS
N41	30	60	CP-64QAM	M	Inner_1RB_Right	22.56	21.24	24.96	26.48	33	PASS
N41	30	60	CP-64QAM	M	Outer_Full	22.62	21.34	25.04	26.56	33	PASS
N41	30	60	CP-256QAM	M	Inner_1RB_Left	19.54	18.09	21.89	23.41	33	PASS
N41	30	60	CP-256QAM	M	Inner_1RB_Right	19.73	18.62	22.22	23.74	33	PASS
N41	30	60	CP-256QAM	M	Outer_Full	19.64	18.41	22.08	23.6	33	PASS
N41	30	60	CP-QPSK	H	Inner_1RB_Left	22.76	21.94	25.38	26.9	33	PASS
N41	30	60	CP-QPSK	H	Inner_1RB_Right	23.95	23.01	26.52	28.04	33	PASS
N41	30	60	CP-QPSK	H	Outer_Full	22.48	21.27	24.93	26.45	33	PASS
N41	30	60	CP-16QAM	H	Inner_1RB_Left	22.83	21.79	25.35	26.87	33	PASS
N41	30	60	CP-16QAM	H	Inner_1RB_Right	22.67	21.9	25.31	26.83	33	PASS
N41	30	60	CP-16QAM	H	Outer_Full	19.6	18.72	22.19	23.71	33	PASS
N41	30	60	CP-64QAM	H	Inner_1RB_Left	20.08	19.21	22.68	24.2	33	FAIL
N41	30	60	CP-64QAM	H	Inner_1RB_Right	19.75	18.99	22.4	23.92	33	PASS
N41	30	60	CP-64QAM	H	Outer_Full	22.58	21.69	25.17	26.69	33	PASS
N41	30	60	CP-256QAM	H	Inner_1RB_Left	19.46	18.26	21.91	23.43	33	PASS
N41	30	60	CP-256QAM	H	Inner_1RB_Right	19.76	18.89	22.36	23.88	33	PASS
N41	30	60	CP-256QAM	H	Outer_Full	19.61	18.79	22.23	23.75	33	PASS
N41	30	70	CP-QPSK	L	Inner_1RB_Left	24.23	23.66	26.96	28.48	33	PASS
N41	30	70	CP-QPSK	L	Inner_1RB_Right	24.14	22.84	26.55	28.07	33	PASS
N41	30	70	CP-QPSK	L	Outer_Full	22.96	22.11	25.57	27.09	33	PASS

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N41	30	70	CP-16QAM	L	Inner_1RB_Left	23.88	22.91	26.43	27.95	33	PASS
N41	30	70	CP-16QAM	L	Inner_1RB_Right	24.31	23.3	26.84	28.36	33	PASS
N41	30	70	CP-16QAM	L	Outer_Full	24.4	23.63	27.04	28.56	33	PASS
N41	30	70	CP-64QAM	L	Inner_1RB_Left	24.58	23.53	27.1	28.62	33	PASS
N41	30	70	CP-64QAM	L	Inner_1RB_Right	23.09	21.86	25.53	27.05	33	PASS
N41	30	70	CP-64QAM	L	Outer_Full	24.03	22.76	26.45	27.97	33	PASS
N41	30	70	CP-256QAM	L	Inner_1RB_Left	24.22	22.72	26.54	28.06	33	PASS
N41	30	70	CP-256QAM	L	Inner_1RB_Right	23.12	21.84	25.54	27.06	33	PASS
N41	30	70	CP-256QAM	L	Outer_Full	19.32	18.29	21.85	23.37	33	PASS
N41	30	70	CP-QPSK	M	Inner_1RB_Left	22.63	21.52	25.12	26.64	33	PASS
N41	30	70	CP-QPSK	M	Inner_1RB_Right	22.92	22.31	25.64	27.16	33	PASS
N41	30	70	CP-QPSK	M	Outer_Full	22.81	21.67	25.29	26.81	33	PASS
N41	30	70	CP-16QAM	M	Inner_1RB_Left	22.59	21.61	25.14	26.66	33	PASS
N41	30	70	CP-16QAM	M	Inner_1RB_Right	22.65	21.95	25.32	26.84	33	PASS
N41	30	70	CP-16QAM	M	Outer_Full	22.86	21.68	25.32	26.84	33	PASS
N41	30	70	CP-64QAM	M	Inner_1RB_Left	22.13	20.66	24.47	25.99	33	PASS
N41	30	70	CP-64QAM	M	Inner_1RB_Right	22.24	21.03	24.69	26.21	33	PASS
N41	30	70	CP-64QAM	M	Outer_Full	22.39	21.19	24.84	26.36	33	PASS
N41	30	70	CP-256QAM	M	Inner_1RB_Left	19.26	18	21.69	23.21	33	PASS
N41	30	70	CP-256QAM	M	Inner_1RB_Right	19.47	18.43	21.99	23.51	33	PASS
N41	30	70	CP-256QAM	M	Outer_Full	19.34	18.25	21.84	23.36	33	PASS
N41	30	70	CP-QPSK	H	Inner_1RB_Left	22.71	21.58	25.19	26.71	33	PASS
N41	30	70	CP-QPSK	H	Inner_1RB_Right	23	22.35	25.7	27.22	33	PASS
N41	30	70	CP-QPSK	H	Outer_Full	22.82	22	25.44	26.96	33	PASS
N41	30	70	CP-16QAM	H	Inner_1RB_Left	22.55	21.71	25.16	26.68	33	PASS
N41	30	70	CP-16QAM	H	Inner_1RB_Right	22.8	22.4	25.61	27.13	33	PASS
N41	30	70	CP-16QAM	H	Outer_Full	22.86	21.87	25.4	26.92	33	PASS
N41	30	70	CP-64QAM	H	Inner_1RB_Left	22.08	20.65	24.43	25.95	33	PASS
N41	30	70	CP-64QAM	H	Inner_1RB_Right	22.5	21.28	24.94	26.46	33	PASS
N41	30	70	CP-64QAM	H	Outer_Full	22.35	21.36	24.89	26.41	33	PASS
N41	30	70	CP-256QAM	H	Inner_1RB_Left	19.28	18.06	21.72	23.24	33	PASS
N41	30	70	CP-256QAM	H	Inner_1RB_Right	19.65	18.75	22.23	23.75	33	PASS
N41	30	70	CP-256QAM	H	Outer_Full	19.37	18.47	21.95	23.47	33	PASS
N41	30	80	CP-QPSK	L	Inner_1RB_Left	22.55	21.91	25.25	26.77	33	PASS
N41	30	80	CP-QPSK	L	Inner_1RB_Right	22.86	21.9	25.42	26.94	33	PASS
N41	30	80	CP-QPSK	L	Outer_Full	22.85	21.73	25.34	26.86	33	PASS
N41	30	80	CP-16QAM	L	Inner_1RB_Left	22.46	21.84	25.17	26.69	33	PASS
N41	30	80	CP-16QAM	L	Inner_1RB_Right	23.1	21.8	25.51	27.03	33	PASS

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N41	30	80	CP-16QAM	L	Outer_Full	22.41	20.7	24.65	26.17	33	PASS
N41	30	80	CP-64QAM	L	Inner_1RB_Left	22.16	20.74	24.52	26.04	33	PASS
N41	30	80	CP-64QAM	L	Inner_1RB_Right	22.38	20.76	24.66	26.18	33	PASS
N41	30	80	CP-64QAM	L	Outer_Full	22.46	21.23	24.9	26.42	33	PASS
N41	30	80	CP-256QAM	L	Inner_1RB_Left	19.28	18.19	21.78	23.3	33	PASS
N41	30	80	CP-256QAM	L	Inner_1RB_Right	19.48	18.2	21.9	23.42	33	PASS
N41	30	80	CP-256QAM	L	Outer_Full	19.43	18.29	21.91	23.43	33	PASS
N41	30	80	CP-QPSK	M	Inner_1RB_Left	22.48	21.75	25.14	26.66	33	PASS
N41	30	80	CP-QPSK	M	Inner_1RB_Right	22.87	22.4	25.65	27.17	33	PASS
N41	30	80	CP-QPSK	M	Outer_Full	22.87	21.84	25.4	26.92	33	PASS
N41	30	80	CP-16QAM	M	Inner_1RB_Left	22.26	21.66	24.98	26.5	33	PASS
N41	30	80	CP-16QAM	M	Inner_1RB_Right	22.8	22.11	25.48	27	33	PASS
N41	30	80	CP-16QAM	M	Outer_Full	22.84	21.78	25.35	26.87	33	PASS
N41	30	80	CP-64QAM	M	Inner_1RB_Left	21.93	20.58	24.32	25.84	33	PASS
N41	30	80	CP-64QAM	M	Inner_1RB_Right	22.29	21.2	24.79	26.31	33	PASS
N41	30	80	CP-64QAM	M	Outer_Full	22.34	21.3	24.86	26.38	33	PASS
N41	30	80	CP-256QAM	M	Inner_1RB_Left	19.02	18.02	21.56	23.08	33	PASS
N41	30	80	CP-256QAM	M	Inner_1RB_Right	19.44	18.61	22.06	23.58	33	PASS
N41	30	80	CP-256QAM	M	Outer_Full	19.36	18.39	21.91	23.43	33	PASS
N41	30	80	CP-QPSK	H	Inner_1RB_Left	22.67	21.53	25.15	26.67	33	PASS
N41	30	80	CP-QPSK	H	Inner_1RB_Right	22.99	21.85	25.51	27.03	33	PASS
N41	30	80	CP-QPSK	H	Outer_Full	22.55	21.71	25.16	26.68	33	PASS
N41	30	80	CP-16QAM	H	Inner_1RB_Left	22.8	22.4	25.61	27.13	33	PASS
N41	30	80	CP-16QAM	H	Inner_1RB_Right	22.86	21.87	25.4	26.92	33	PASS
N41	30	80	CP-16QAM	H	Outer_Full	22.9	22	25.48	27	33	PASS
N41	30	80	CP-64QAM	H	Inner_1RB_Left	22.18	22.9	25.48	27	33	PASS
N41	30	80	CP-64QAM	H	Inner_1RB_Right	22.64	21.33	25.04	26.56	33	PASS
N41	30	80	CP-64QAM	H	Outer_Full	22.4	21.51	24.99	26.51	33	PASS
N41	30	80	CP-256QAM	H	Inner_1RB_Left	19.27	17.95	21.67	23.19	33	PASS
N41	30	80	CP-256QAM	H	Inner_1RB_Right	22.83	21.79	25.35	26.87	33	PASS
N41	30	80	CP-256QAM	H	Outer_Full	19.05	18.57	21.83	23.35	33	PASS
N41	30	90	CP-QPSK	L	Inner_1RB_Left	22.62	21.73	25.21	26.73	33	PASS
N41	30	90	CP-QPSK	L	Inner_1RB_Right	22.84	21.82	25.37	26.89	33	PASS
N41	30	90	CP-QPSK	L	Outer_Full	22.84	21.71	25.32	26.84	33	PASS
N41	30	90	CP-16QAM	L	Inner_1RB_Left	22.33	21.89	25.13	26.65	33	PASS
N41	30	90	CP-16QAM	L	Inner_1RB_Right	22.62	21.92	25.29	26.81	33	PASS
N41	30	90	CP-16QAM	L	Outer_Full	22.88	21.71	25.34	26.86	33	PASS
N41	30	90	CP-64QAM	L	Inner_1RB_Left	22.12	20.83	24.53	26.05	33	PASS

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N41	30	90	CP-64QAM	L	Inner_1RB_Right	22.27	20.91	24.65	26.17	33	PASS
N41	30	90	CP-64QAM	L	Outer_Full	22.28	21.21	24.79	26.31	33	PASS
N41	30	90	CP-256QAM	L	Inner_1RB_Left	19.17	18.18	21.71	23.23	33	PASS
N41	30	90	CP-256QAM	L	Inner_1RB_Right	19.36	18.31	21.88	23.4	33	PASS
N41	30	90	CP-256QAM	L	Outer_Full	19.28	18.28	21.82	23.34	33	PASS
N41	30	90	CP-QPSK	M	Inner_1RB_Left	22.42	21.52	25	26.52	33	PASS
N41	30	90	CP-QPSK	M	Inner_1RB_Right	22.88	22.12	25.53	27.05	33	PASS
N41	30	90	CP-QPSK	M	Outer_Full	22.86	21.77	25.36	26.88	33	PASS
N41	30	90	CP-16QAM	M	Inner_1RB_Left	22.57	21.59	25.12	26.64	33	PASS
N41	30	90	CP-16QAM	M	Inner_1RB_Right	22.62	22.32	25.48	27	33	PASS
N41	30	90	CP-16QAM	M	Outer_Full	22.84	21.68	25.31	26.83	33	PASS
N41	30	90	CP-64QAM	M	Inner_1RB_Left	22.02	20.68	24.41	25.93	33	PASS
N41	30	90	CP-64QAM	M	Inner_1RB_Right	22.33	21.33	24.87	26.39	33	PASS
N41	30	90	CP-64QAM	M	Outer_Full	22.35	21.18	24.81	26.33	33	PASS
N41	30	90	CP-256QAM	M	Inner_1RB_Left	19.1	18.06	21.62	23.14	33	PASS
N41	30	90	CP-256QAM	M	Inner_1RB_Right	19.47	18.65	22.09	23.61	33	PASS
N41	30	90	CP-256QAM	M	Outer_Full	19.34	18.28	21.85	23.37	33	PASS
N41	30	90	CP-QPSK	H	Inner_1RB_Left	22.64	21.33	25.04	26.56	33	PASS
N41	30	90	CP-QPSK	H	Inner_1RB_Right	23.03	23.69	27.05	28.57	33	PASS
N41	30	90	CP-QPSK	H	Outer_Full	22.88	21.84	25.4	26.92	33	PASS
N41	30	90	CP-16QAM	H	Inner_1RB_Left	22.76	23.41	26.89	28.41	33	PASS
N41	30	90	CP-16QAM	H	Inner_1RB_Right	24.66	24.25	27.13	28.65	33	PASS
N41	30	90	CP-16QAM	H	Outer_Full	22.93	22.65	26.05	27.57	33	PASS
N41	30	90	CP-64QAM	H	Inner_1RB_Left	20.56	20.34	23.85	25.37	33	PASS
N41	30	90	CP-64QAM	H	Inner_1RB_Right	22.51	21.41	25.01	26.53	33	PASS
N41	30	90	CP-64QAM	H	Outer_Full	22.35	23.54	26.86	28.38	33	PASS
N41	30	90	CP-256QAM	H	Inner_1RB_Left	19.27	17.87	21.64	23.16	33	PASS
N41	30	90	CP-256QAM	H	Inner_1RB_Right	23.09	22.6	25.86	27.38	33	PASS
N41	30	90	CP-256QAM	H	Outer_Full	22.88	21.9	25.43	26.95	33	FAIL
N41	30	100	CP-QPSK	L	Inner_1RB_Left	22.6	21.45	25.07	26.59	33	PASS
N41	30	100	CP-QPSK	L	Inner_1RB_Right	22.95	21.81	25.43	26.95	33	PASS
N41	30	100	CP-QPSK	L	Outer_Full	22.87	21.79	25.37	26.89	33	PASS
N41	30	100	CP-16QAM	L	Inner_1RB_Left	22.46	21.91	25.2	26.72	33	PASS
N41	30	100	CP-16QAM	L	Inner_1RB_Right	22.77	21.86	25.35	26.87	33	PASS
N41	30	100	CP-16QAM	L	Outer_Full	22.87	21.74	25.35	26.87	33	PASS
N41	30	100	CP-64QAM	L	Inner_1RB_Left	22.14	20.77	24.52	26.04	33	PASS
N41	30	100	CP-64QAM	L	Inner_1RB_Right	22.49	20.8	24.74	26.26	33	PASS
N41	30	100	CP-64QAM	L	Outer_Full	22.4	21.27	24.88	26.4	33	PASS

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N41	30	100	CP-256QAM	L	Inner_1RB_Left	19.25	18.23	21.78	23.3	33	PASS
N41	30	100	CP-256QAM	L	Inner_1RB_Right	19.53	18.29	21.96	23.48	33	PASS
N41	30	100	CP-256QAM	L	Outer_Full	19.4	18.3	21.9	23.42	33	PASS
N41	30	100	CP-QPSK	M	Inner_1RB_Left	22.64	21.62	25.17	26.69	33	PASS
N41	30	100	CP-QPSK	M	Inner_1RB_Right	22.84	22.28	25.58	27.1	33	PASS
N41	30	100	CP-QPSK	M	Outer_Full	22.85	21.8	25.37	26.89	33	PASS
N41	30	100	CP-16QAM	M	Inner_1RB_Left	22.57	21.7	25.17	26.69	33	PASS
N41	30	100	CP-16QAM	M	Inner_1RB_Right	22.68	22.42	25.56	27.08	33	PASS
N41	30	100	CP-16QAM	M	Outer_Full	22.83	21.79	25.35	26.87	33	PASS
N41	30	100	CP-64QAM	M	Inner_1RB_Left	22.12	20.67	24.47	25.99	33	PASS
N41	30	100	CP-64QAM	M	Inner_1RB_Right	22.36	21.38	24.91	26.43	33	PASS
N41	30	100	CP-64QAM	M	Outer_Full	22.35	21.32	24.88	26.4	33	PASS
N41	30	100	CP-256QAM	M	Inner_1RB_Left	19.18	18.08	21.68	23.2	33	PASS
N41	30	100	CP-256QAM	M	Inner_1RB_Right	19.48	18.81	22.17	23.69	33	PASS
N41	30	100	CP-256QAM	M	Outer_Full	19.31	18.38	21.88	23.4	33	PASS
N41	30	100	CP-QPSK	H	Inner_1RB_Left	22.72	21.34	25.09	26.61	33	PASS
N41	30	100	CP-QPSK	H	Inner_1RB_Right	23.09	22.6	25.86	27.38	33	PASS
N41	30	100	CP-QPSK	H	Outer_Full	22.88	21.9	25.43	26.95	33	PASS
N41	30	100	CP-16QAM	H	Inner_1RB_Left	22.6	21.45	25.07	26.59	33	PASS
N41	30	100	CP-16QAM	H	Inner_1RB_Right	22.97	22.39	25.7	27.22	33	PASS
N41	30	100	CP-16QAM	H	Outer_Full	22.86	21.91	25.42	26.94	33	PASS
N41	30	100	CP-64QAM	H	Inner_1RB_Left	22.21	20.43	24.42	25.94	33	PASS
N41	30	100	CP-64QAM	H	Inner_1RB_Right	22.63	21.45	25.09	26.61	33	PASS
N41	30	100	CP-64QAM	H	Outer_Full	22.41	21.43	24.96	26.48	33	PASS
N41	30	100	CP-256QAM	H	Inner_1RB_Left	19.31	17.8	21.63	23.15	33	PASS
N41	30	100	CP-256QAM	H	Inner_1RB_Right	19.78	18.88	22.36	23.88	33	PASS
N41	30	100	CP-256QAM	H	Outer_Full	19.4	18.5	21.98	23.5	33	PASS

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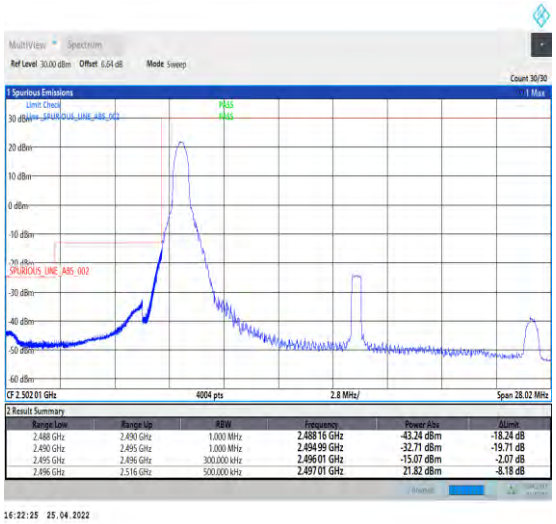
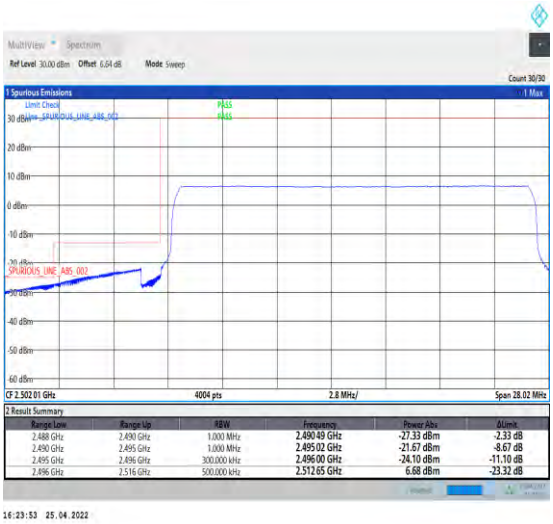
Band Edge for MIMO ANT1

Test Graphs



1-N41--30-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



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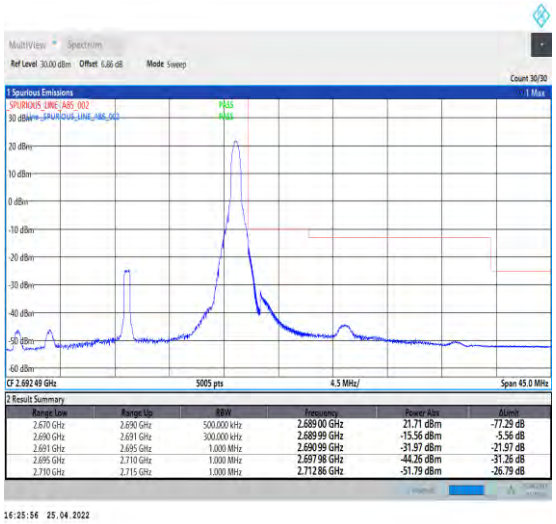

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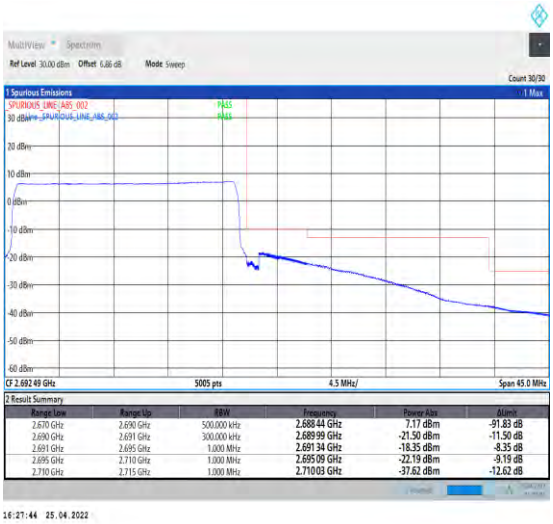

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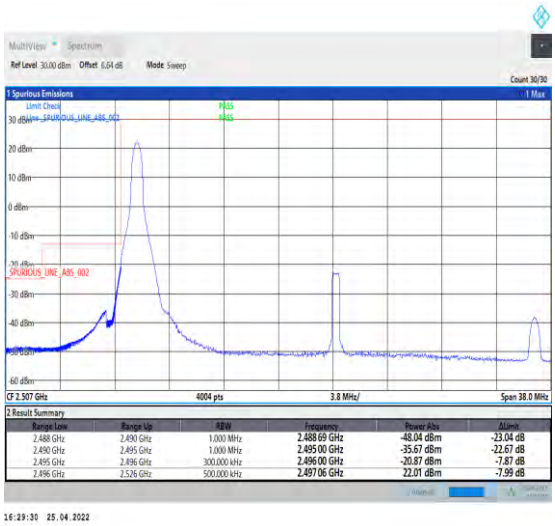

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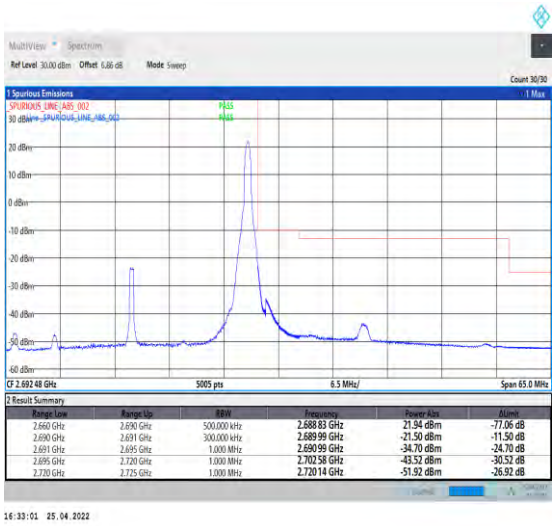
1-N41--30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant1-PASS-see graph



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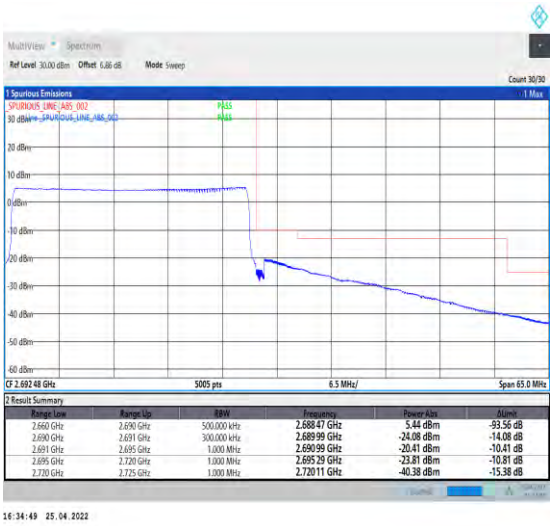

1-N41--30-30-H-6-CP-QPSK-Outer_Full-78@0-Ant1-PASS-see graph

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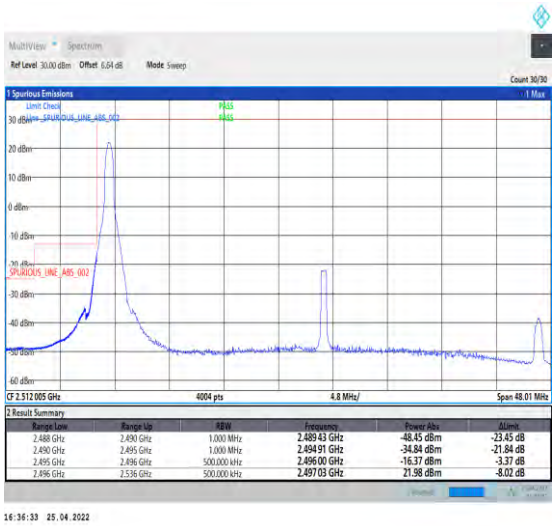
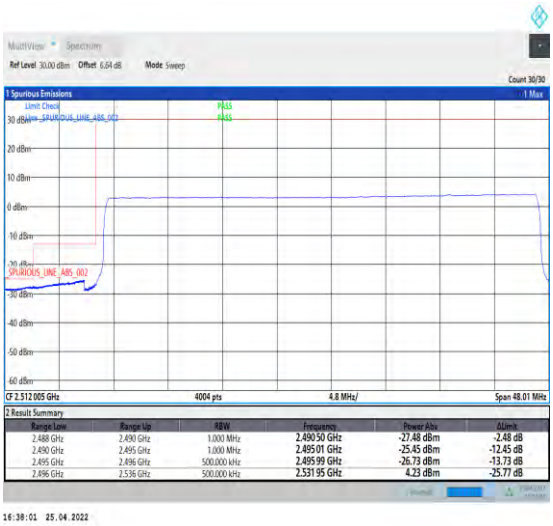


1-N41--30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



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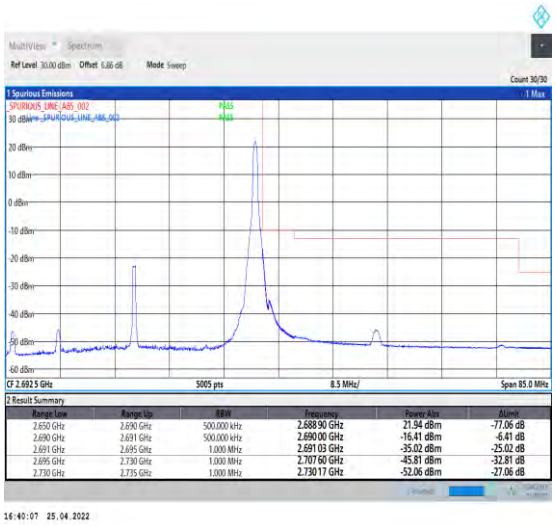

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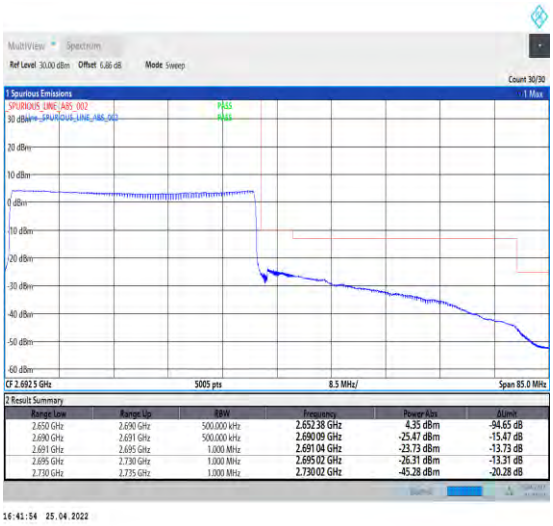

1-N41--30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant1-PASS-see graph

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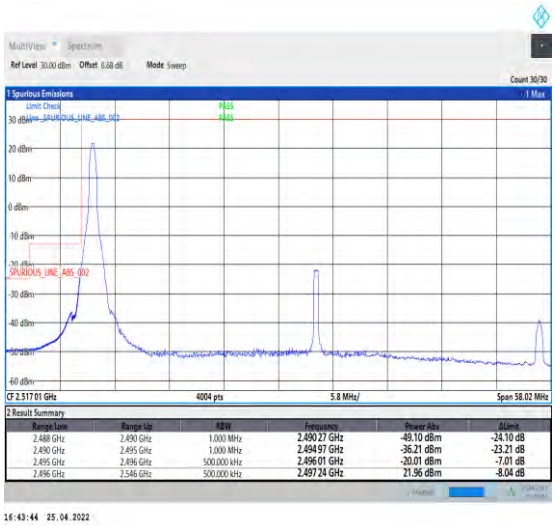

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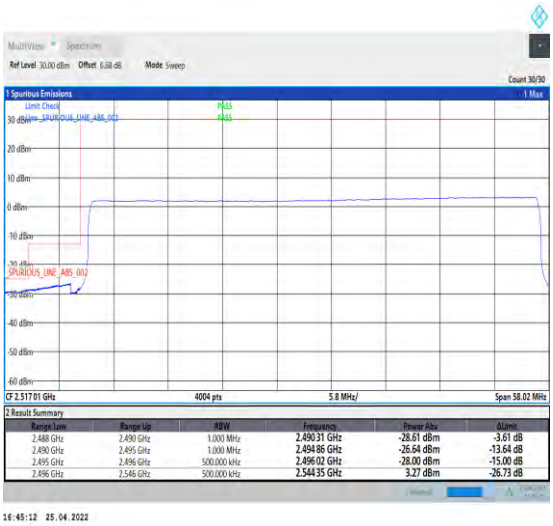

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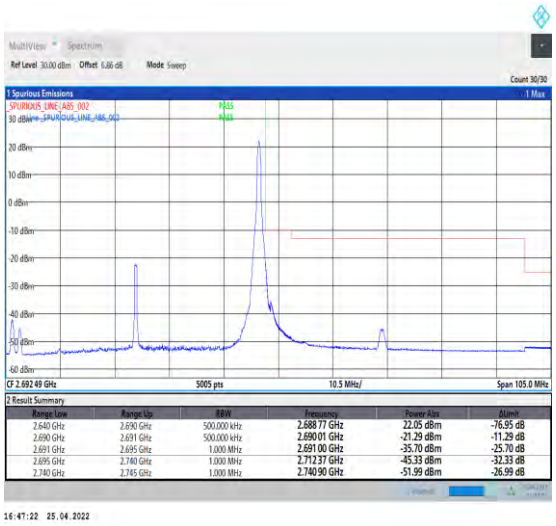

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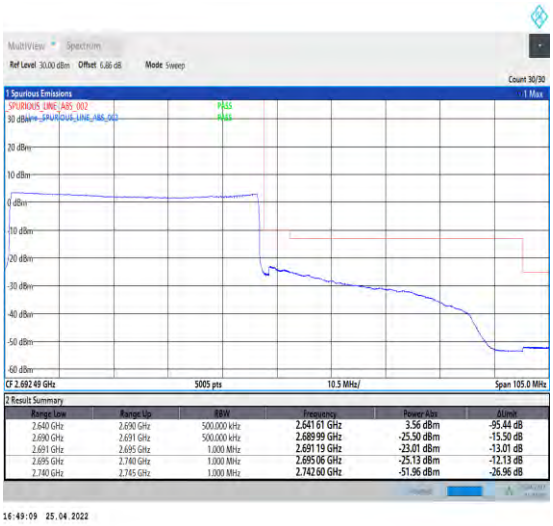

1-N41--30-50-H-6-CP-QPSK-Outer_Full-133@0-Ant1-PASS-see graph

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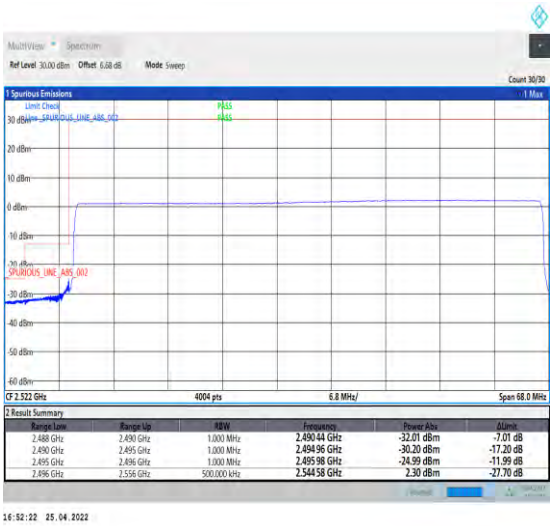

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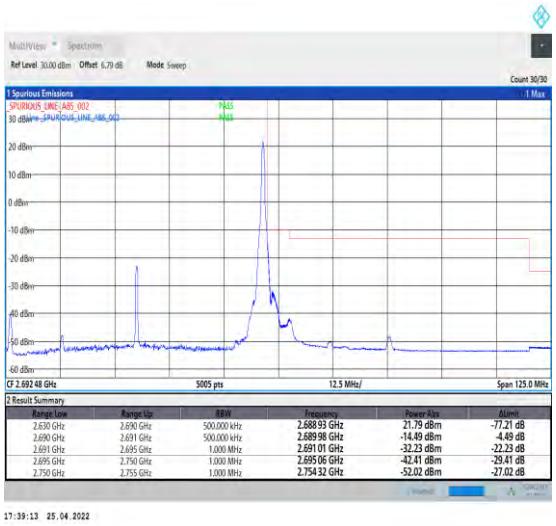

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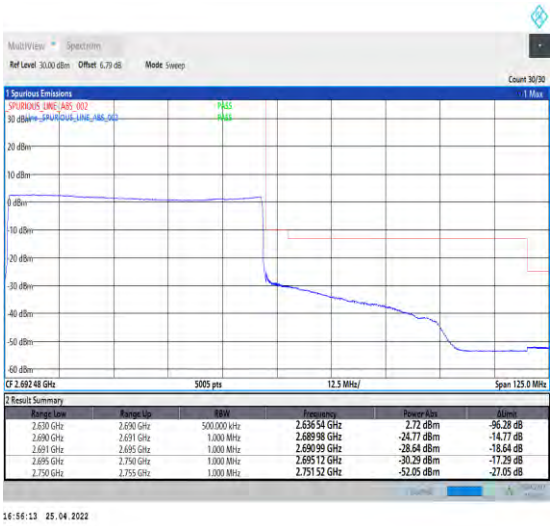

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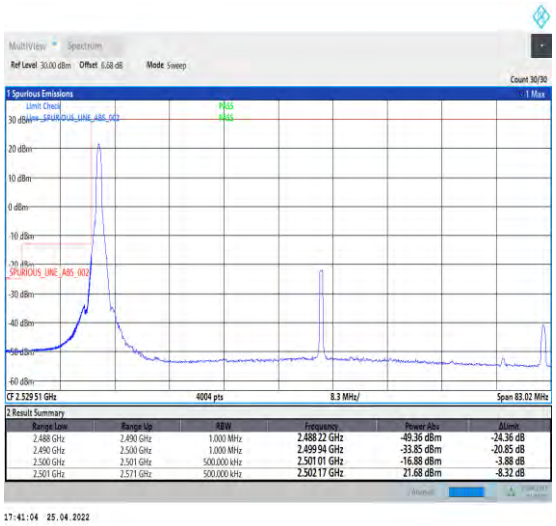

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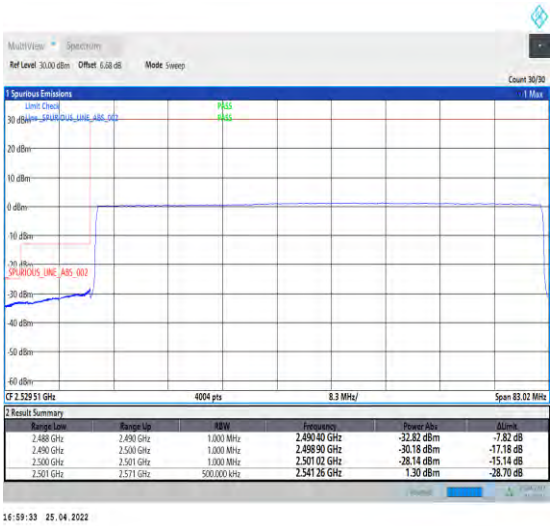

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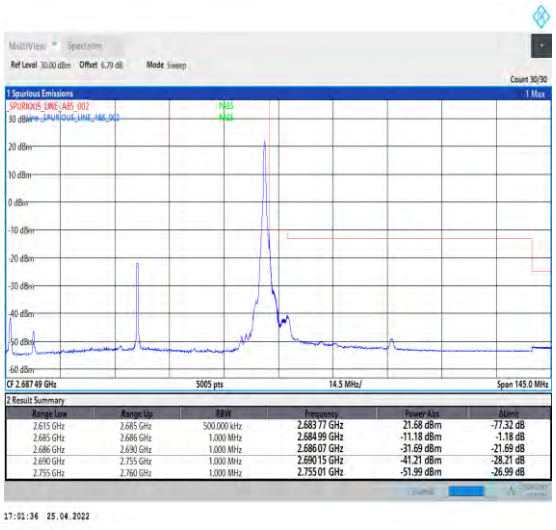

1-N41--30-70-H-5-CP-QPSK-Edge_1RB_Right-1@188-Ant1-PASS-see graph

1-N41--30-70-H-6-CP-QPSK-Outer_Full-189@0-Ant1-PASS-see graph

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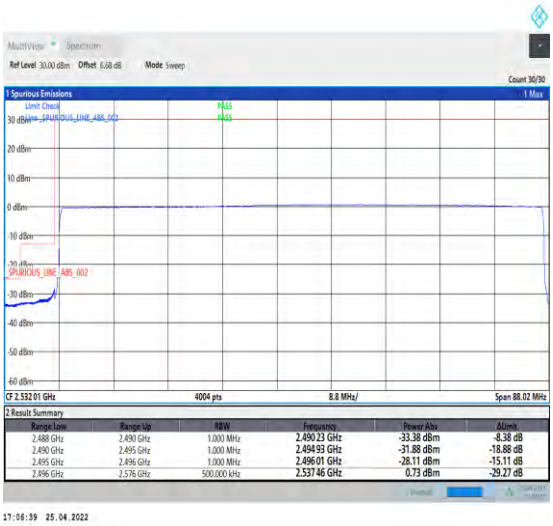

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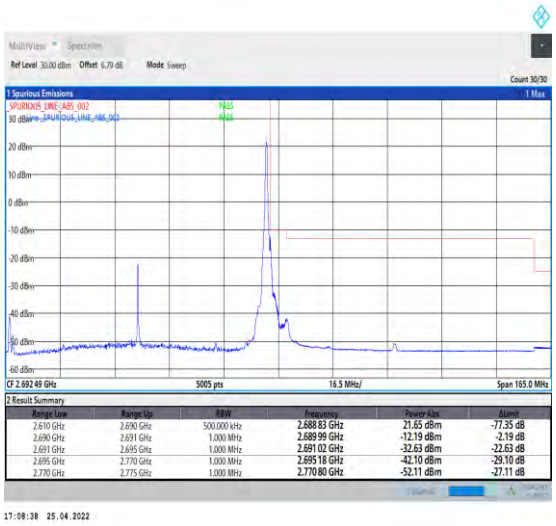

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1-N41--30-80-H-6-CP-QPSK-Outer_Full-217@0-Ant1-PASS-see graph

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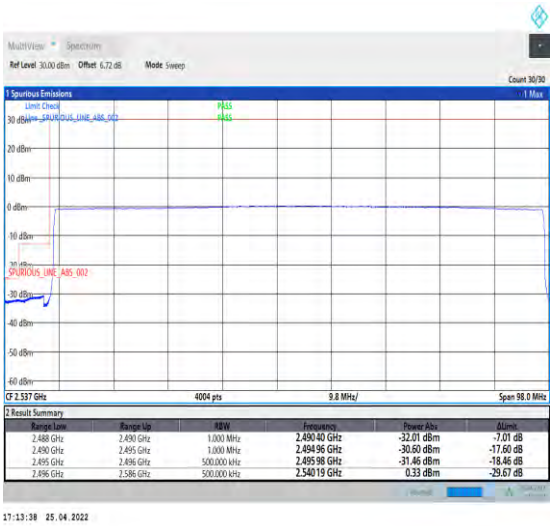
1-N41--30-90-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



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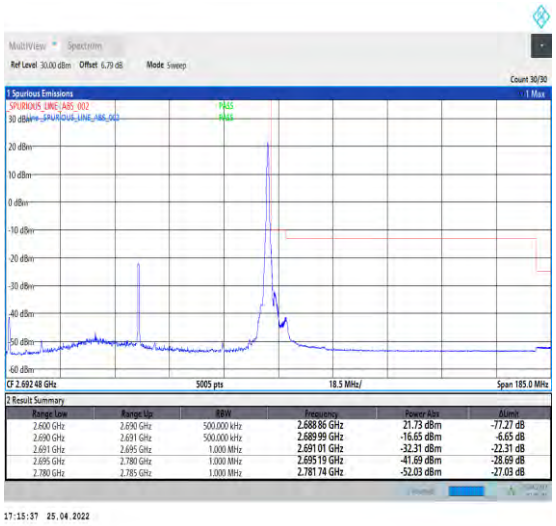

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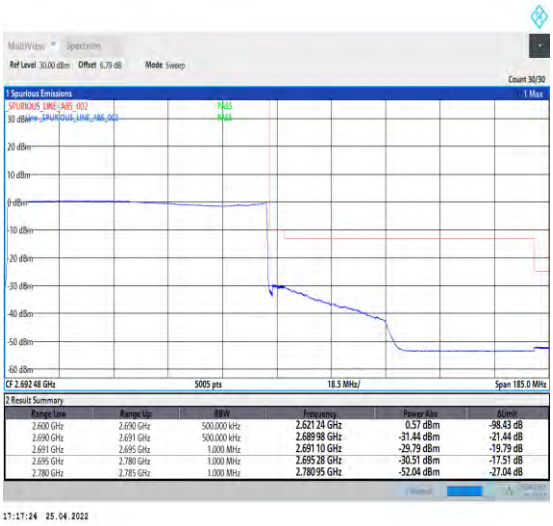

1-N41--30-90-H-6-CP-QPSK-Outer_Full-245@0-Ant1-PASS-see graph

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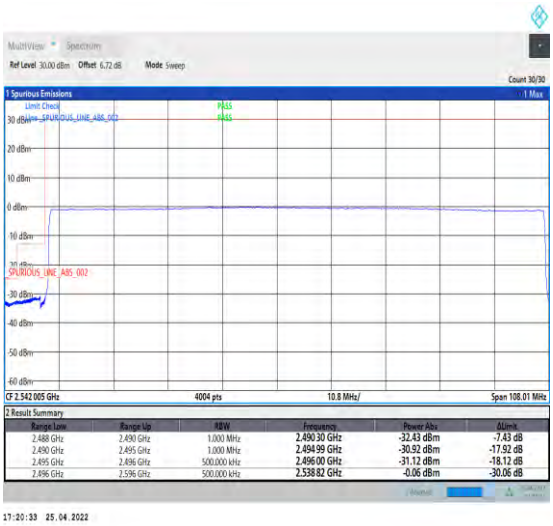
1-N41--30-100-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



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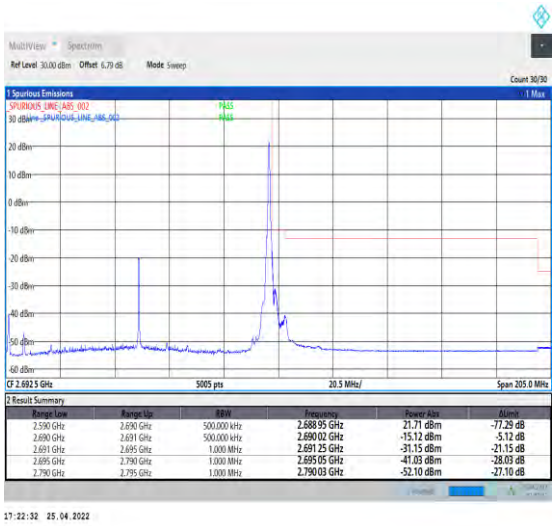

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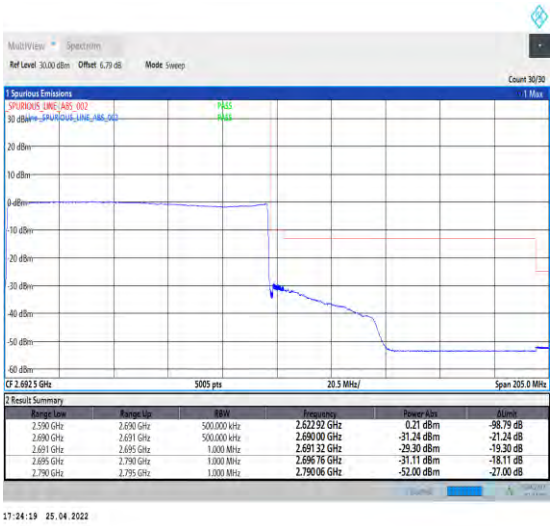

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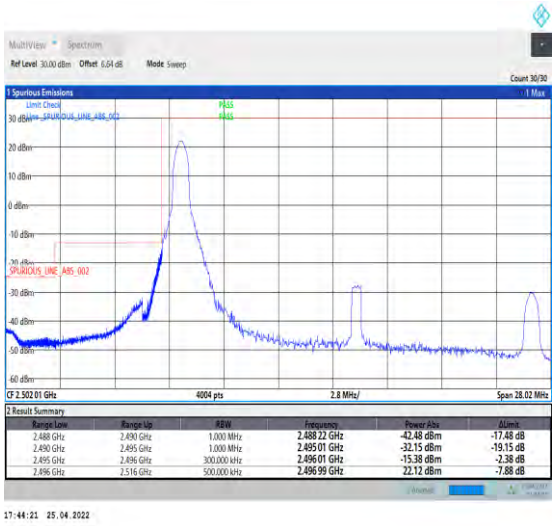
Band Edge for MIMO ANT2

Test Graphs



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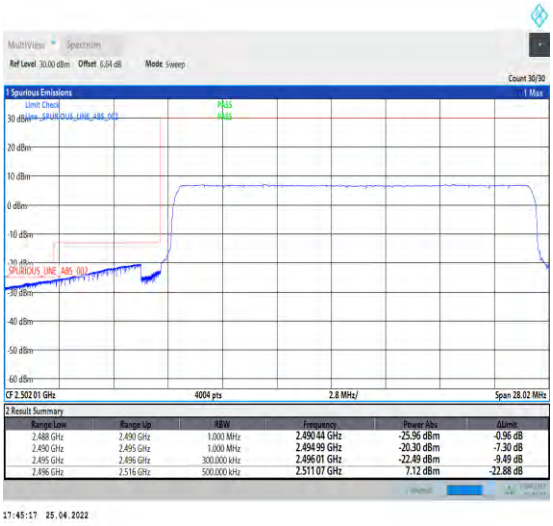

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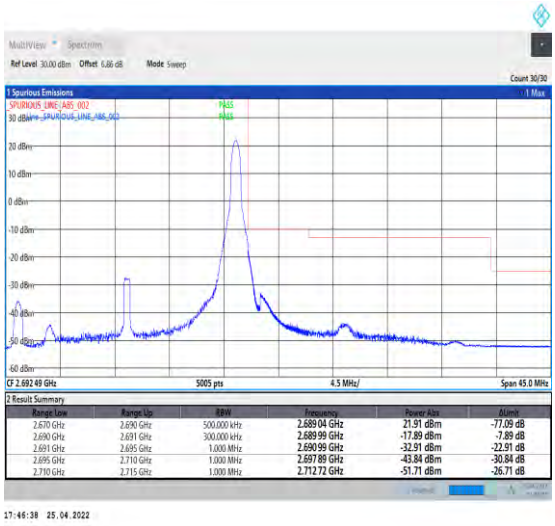

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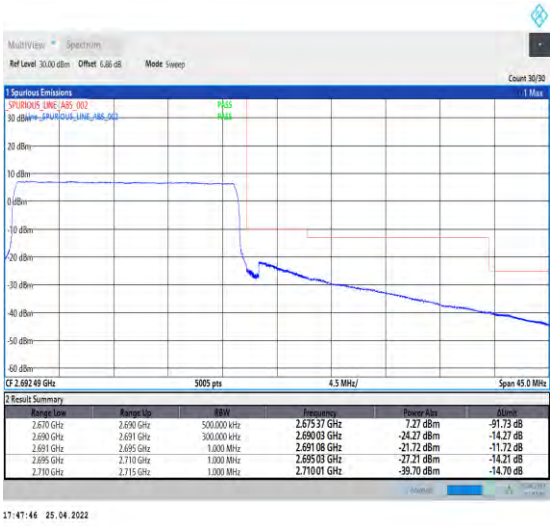

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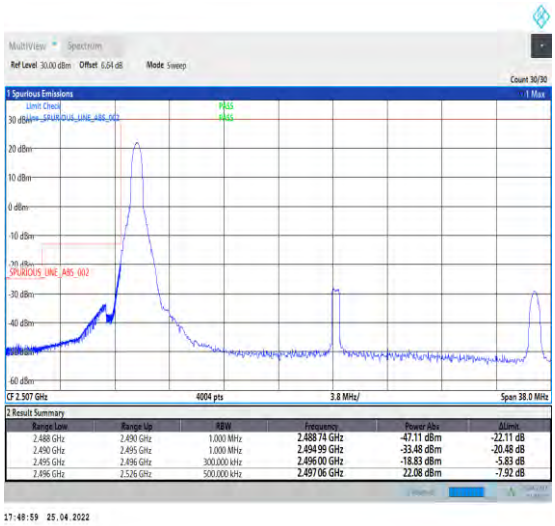

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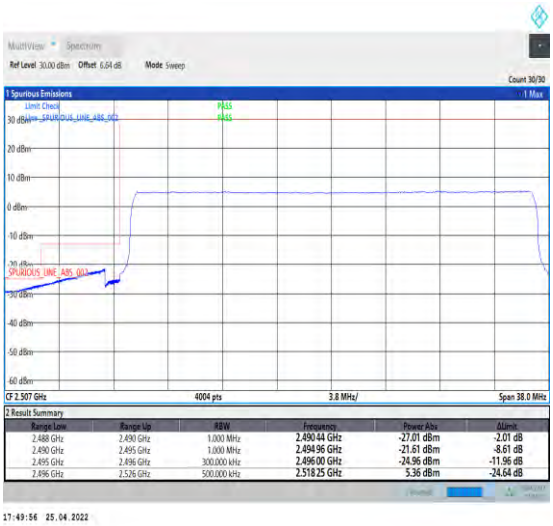

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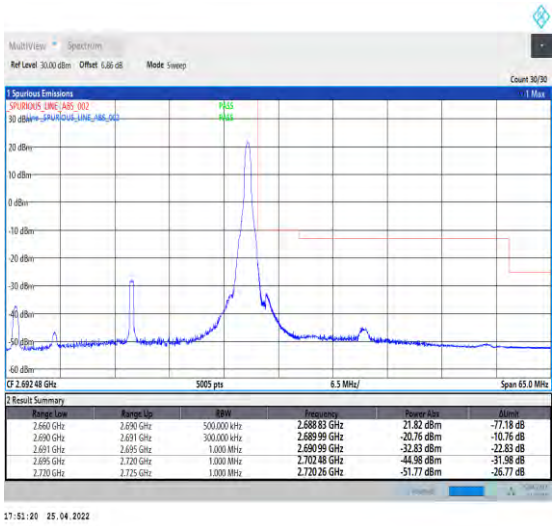

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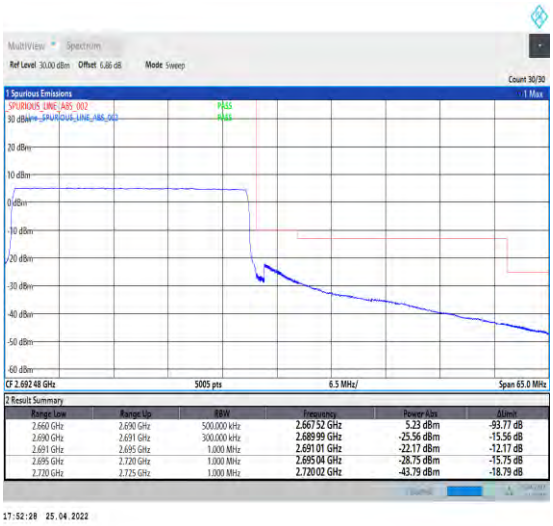

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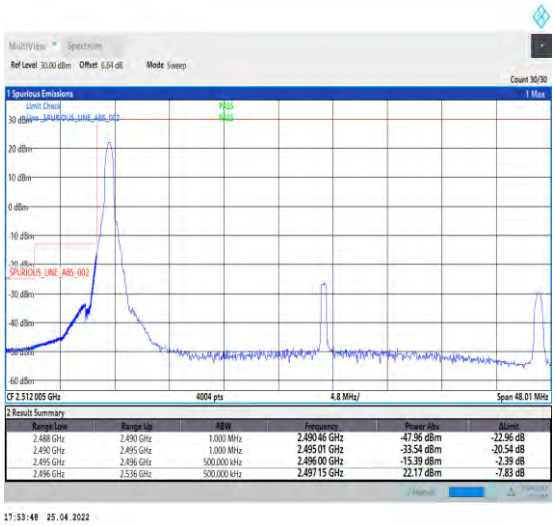

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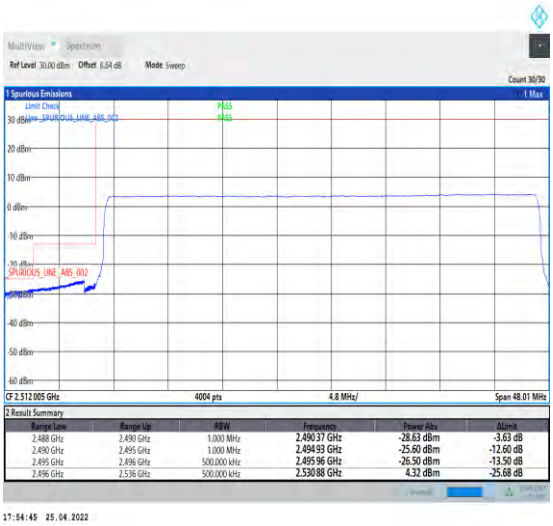

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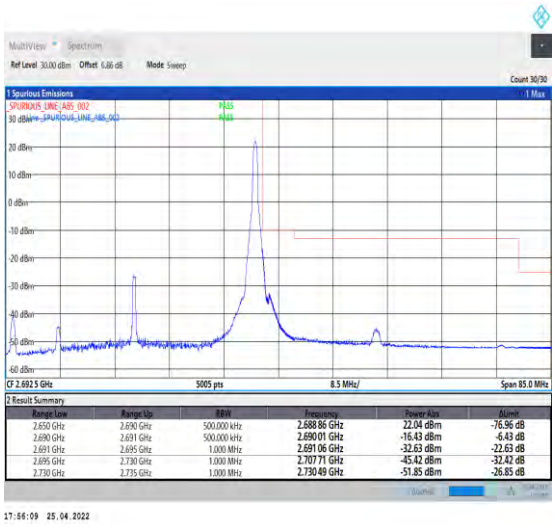

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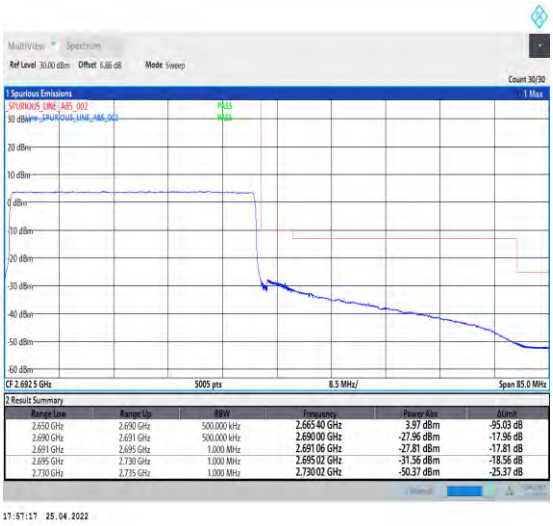

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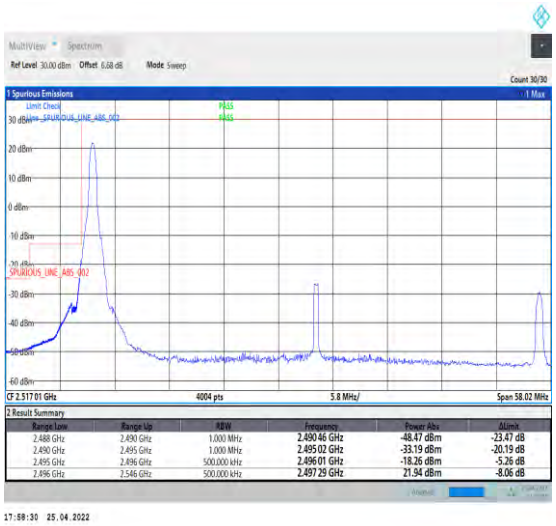

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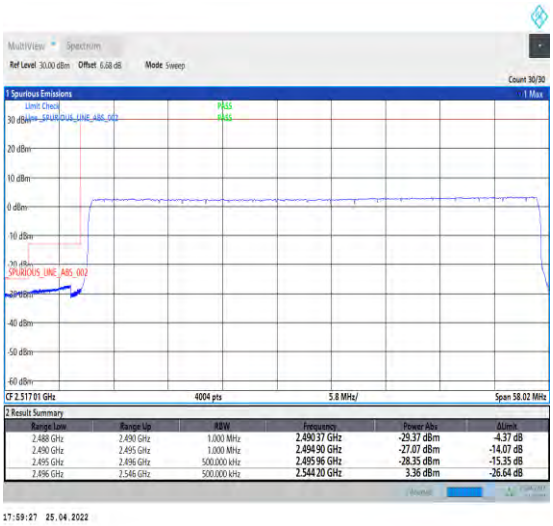

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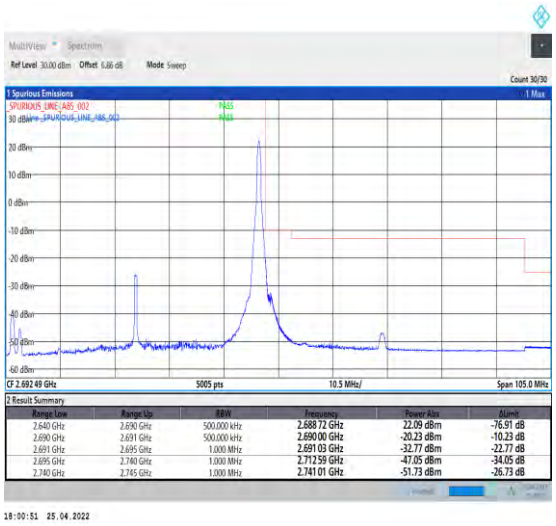

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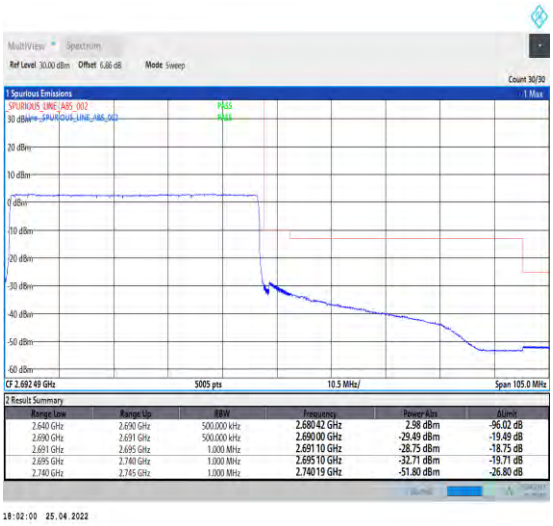

1-N41--30-50-H-6-CP-QPSK-Outer_Full-133@0-Ant2-PASS-see graph

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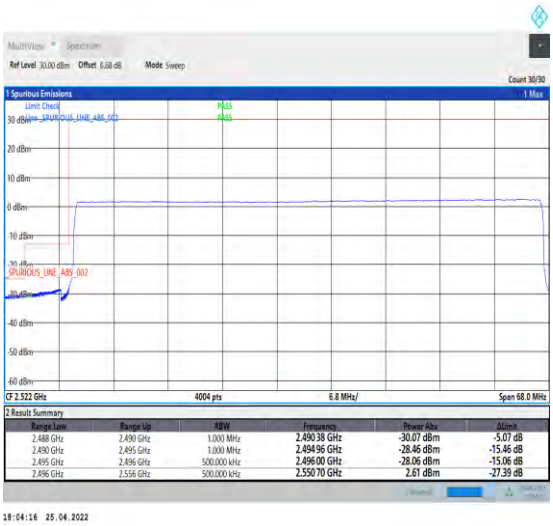
1-N41--30-60-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant2-PASS-see graph



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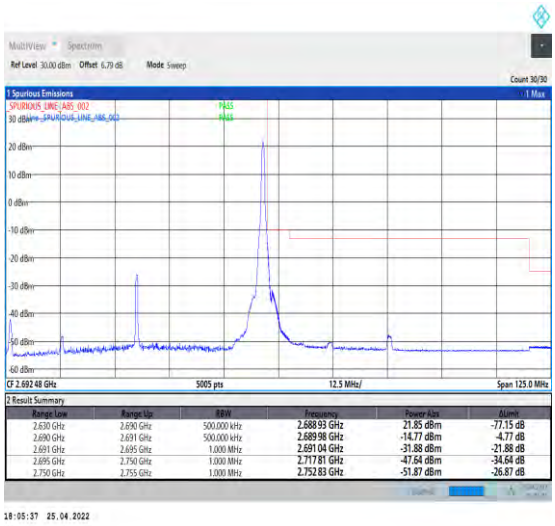

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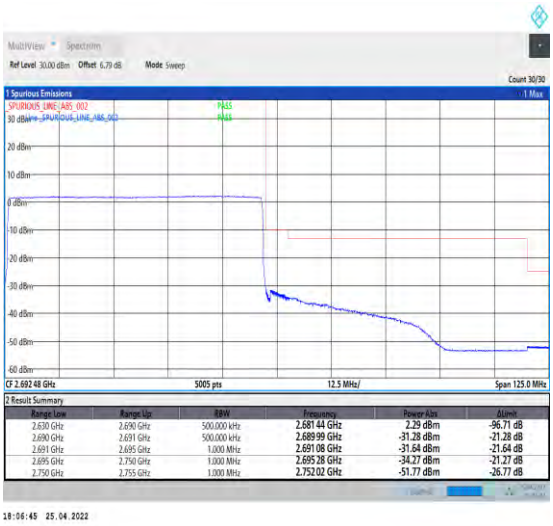

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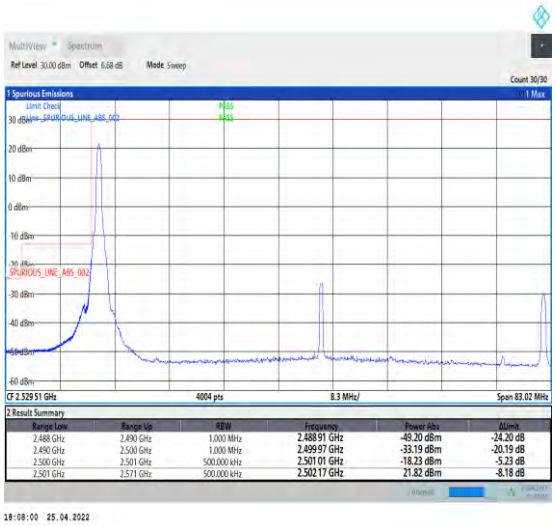

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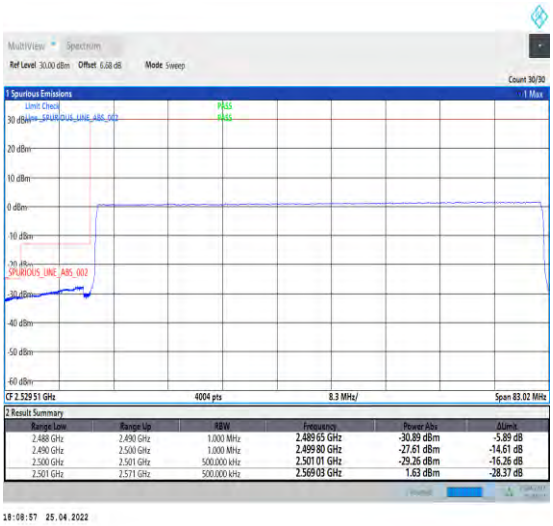

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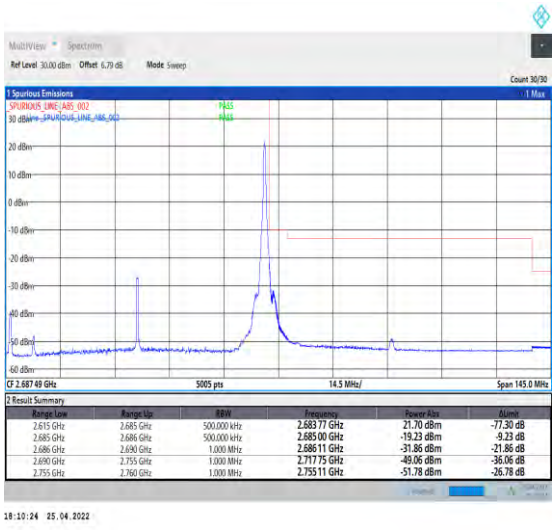

1-N41--30-70-H-5-CP-QPSK-Edge_1RB_Right-1@188-Ant2-PASS-see graph

1-N41--30-70-H-6-CP-QPSK-Outer_Full-189@0-Ant2-PASS-see graph

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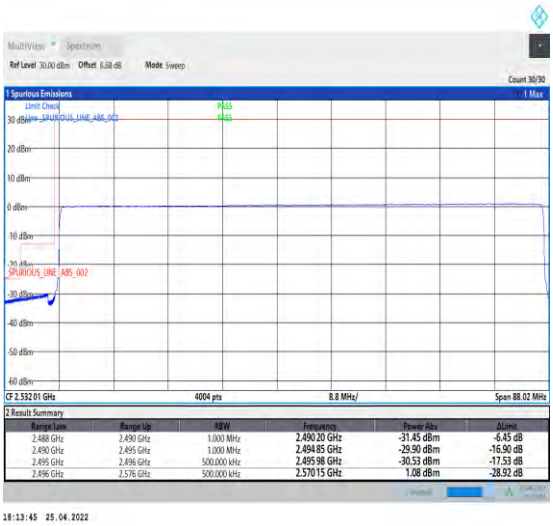
1-N41--30-80-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant2-PASS-see graph



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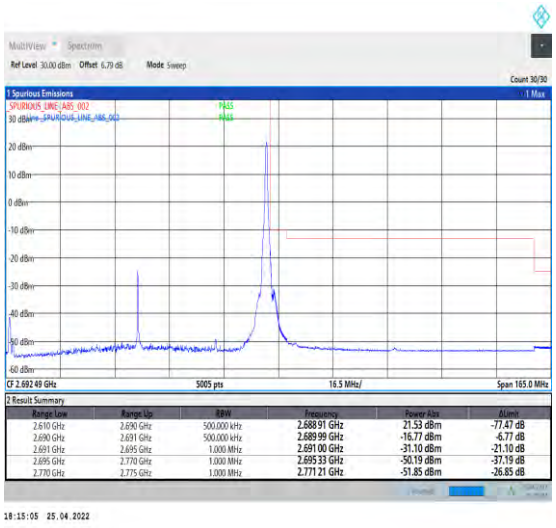

1-N41--30-80-H-5-CP-QPSK-Edge_1RB_Right-1@216-Ant2-PASS-see graph

1-N41--30-80-H-6-CP-QPSK-Outer_Full-217@0-Ant2-PASS-see graph

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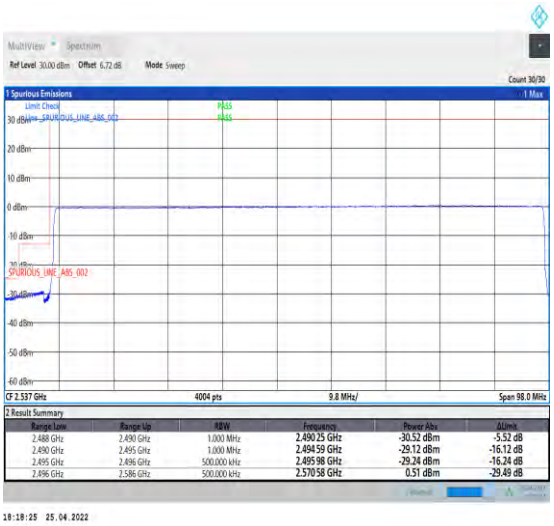
1-N41--30-90-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant2-PASS-see graph



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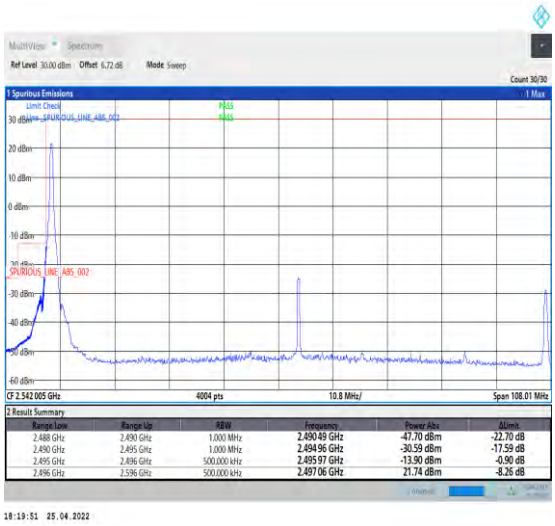

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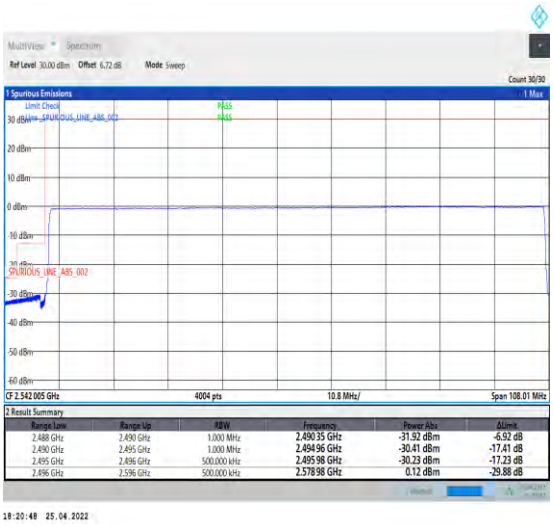

1-N41--30-100-L-6-CP-QPSK-Outer_Full-273@0-Ant2-PASS-see graph

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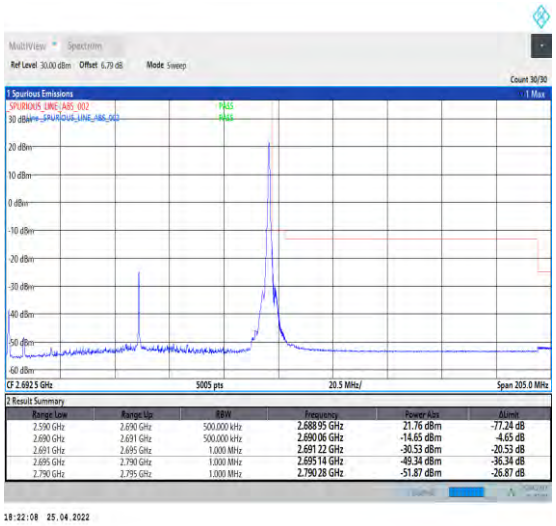	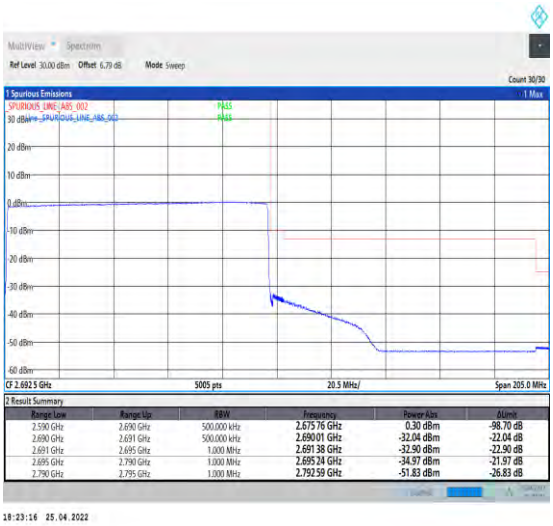
1-N41--30-100-H-5-CP-QPSK-Edge_1RB_Right-1@272-Ant2-PASS-see graph	1-N41--30-100-H-6-CP-QPSK-Outer_Full-273@0-Ant2-PASS-see graph

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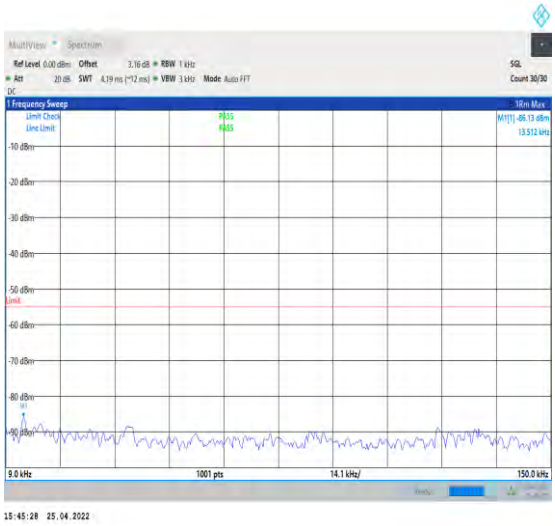
Test Graphs



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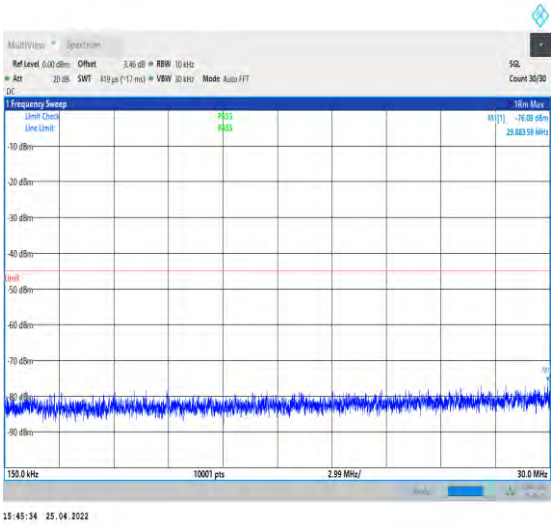

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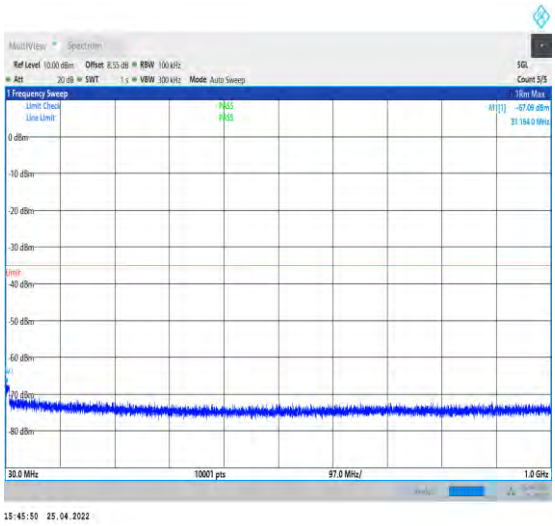

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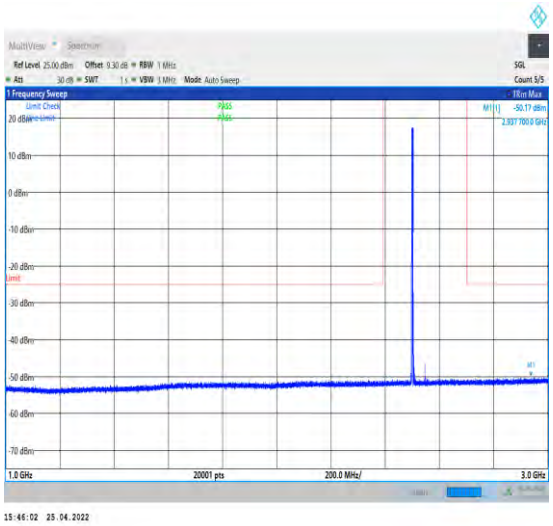

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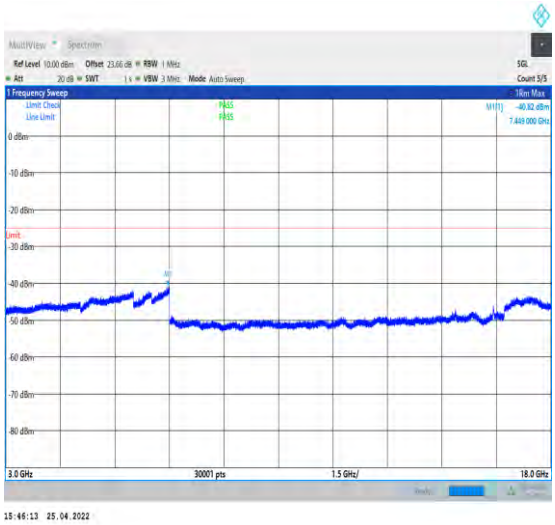

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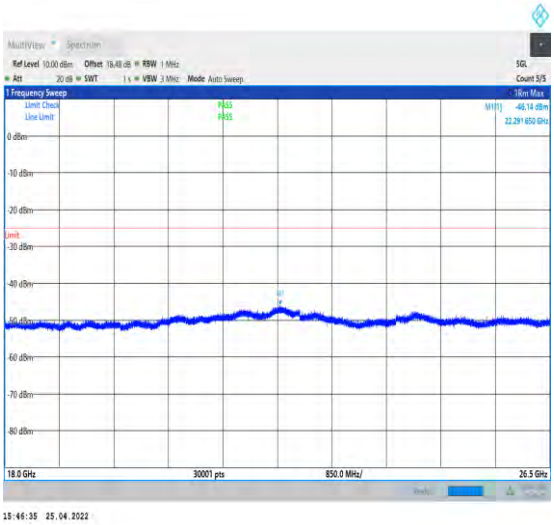

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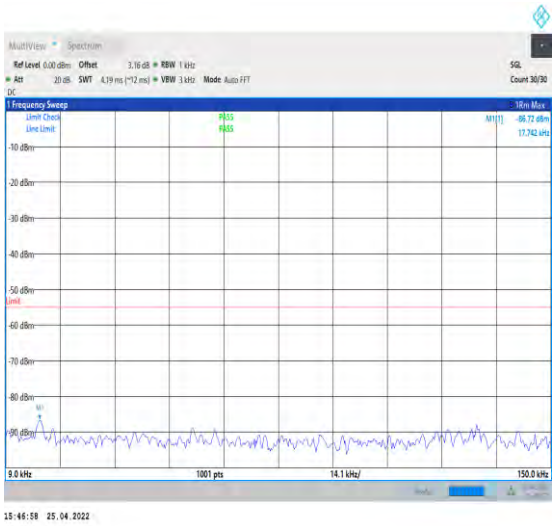

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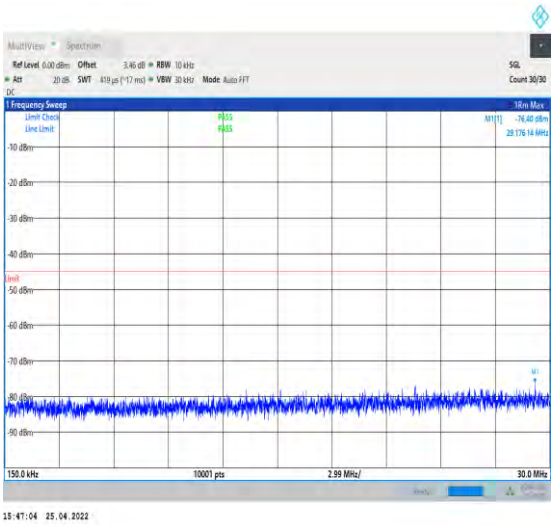

1-N41--30-100-M-1-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant1--76.40--45-PASS

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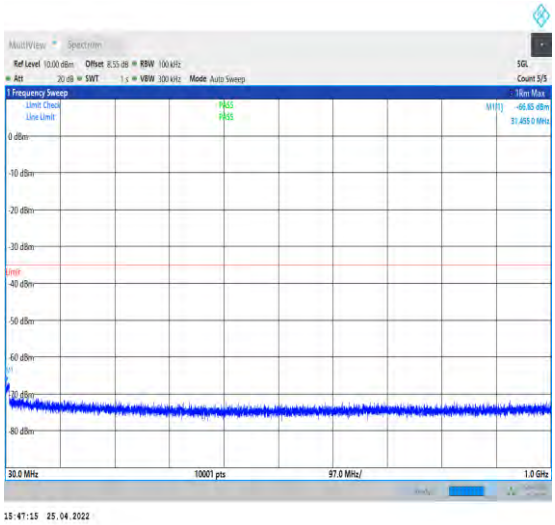

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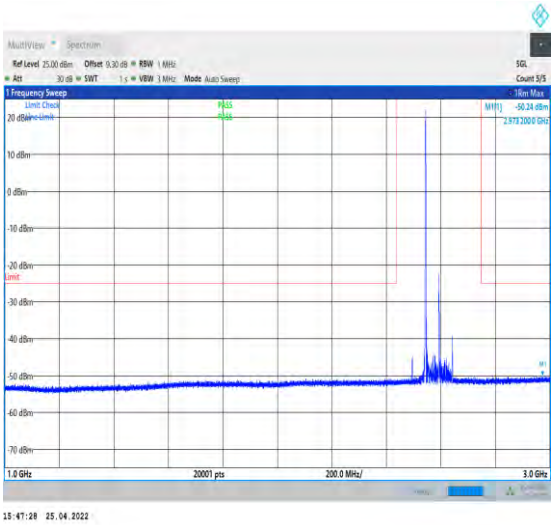

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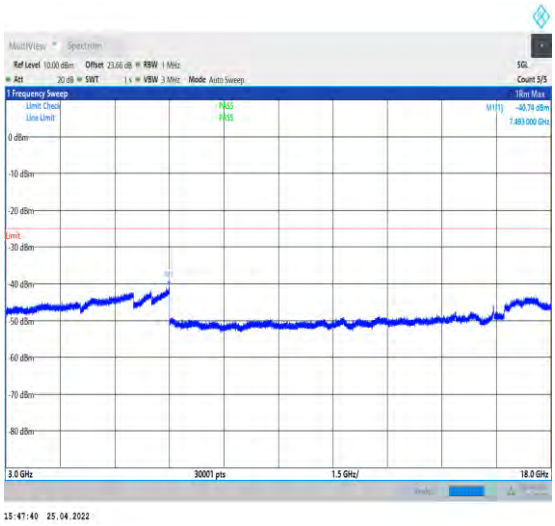

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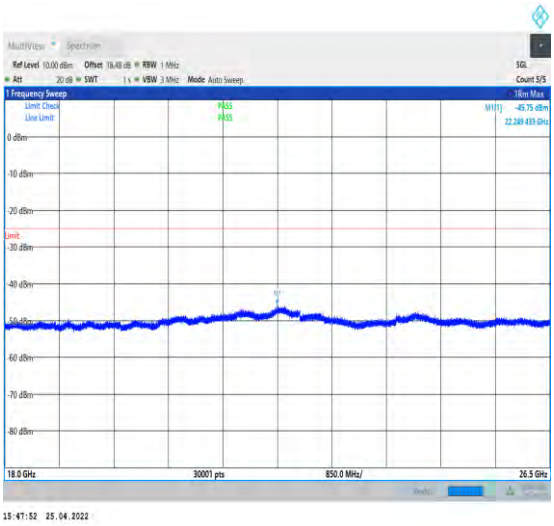

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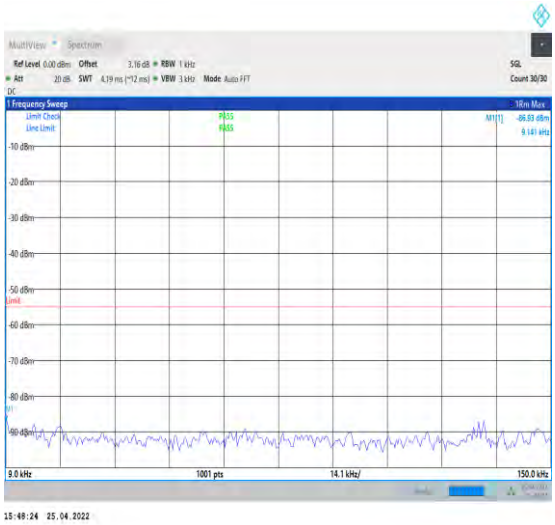

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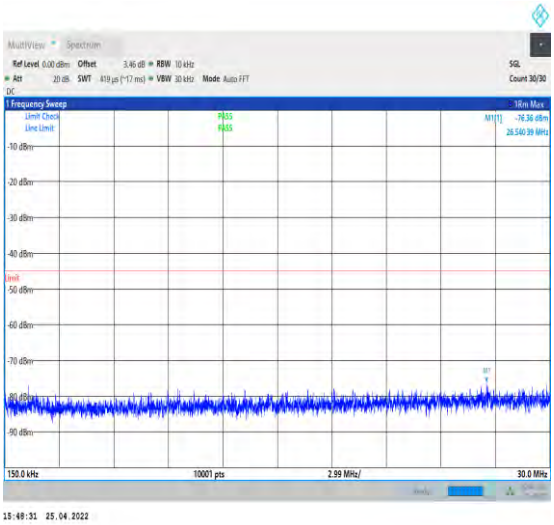

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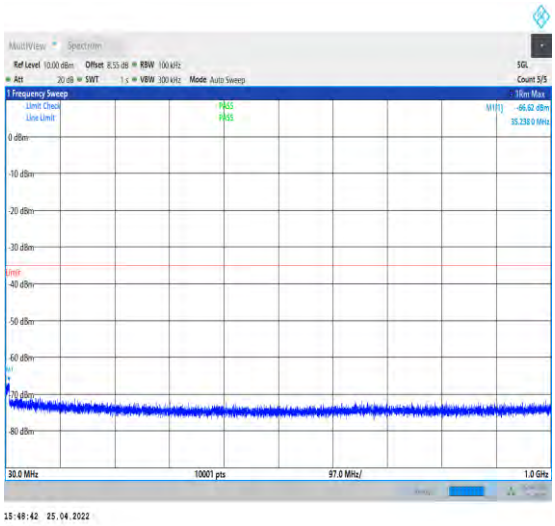

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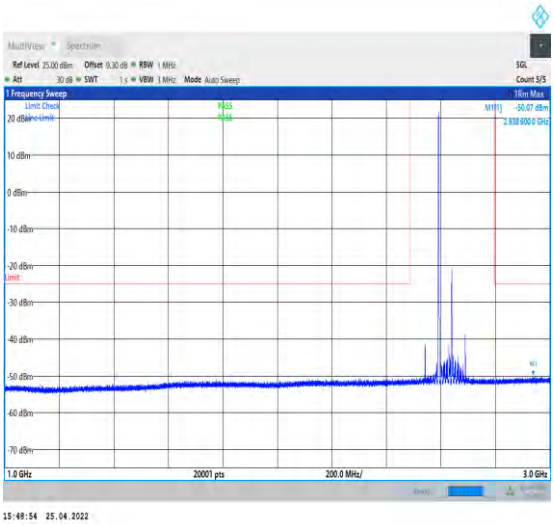

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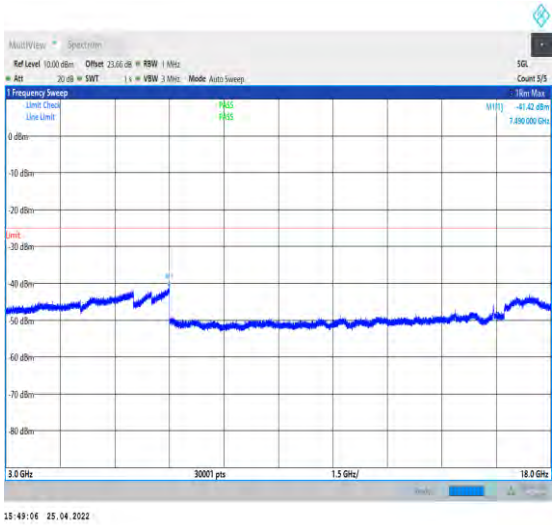	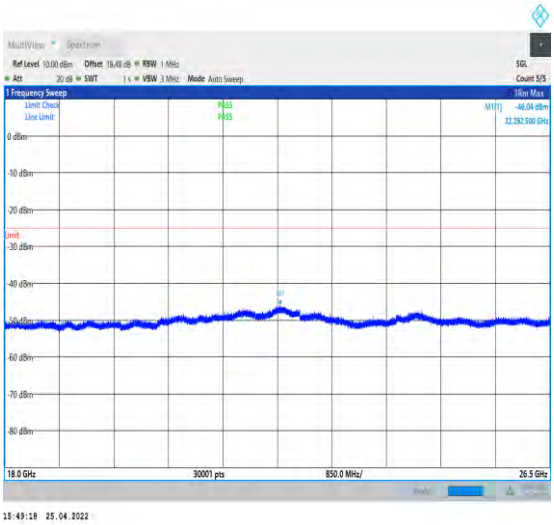
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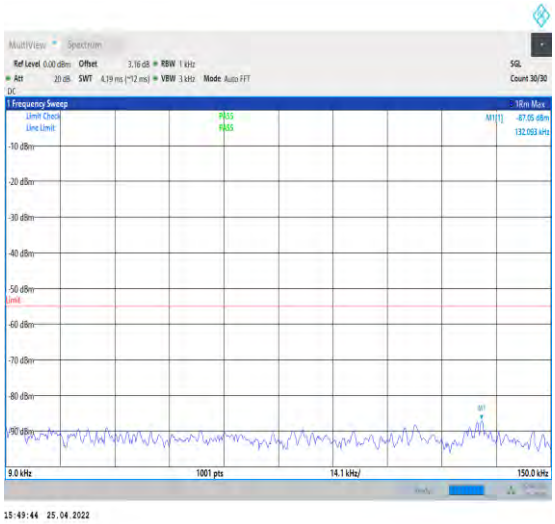
Conducted Spurious Emission for MIMO ANT2

Test Graphs



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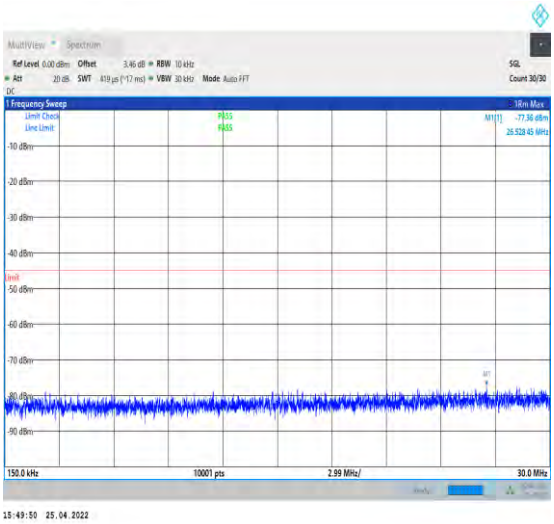

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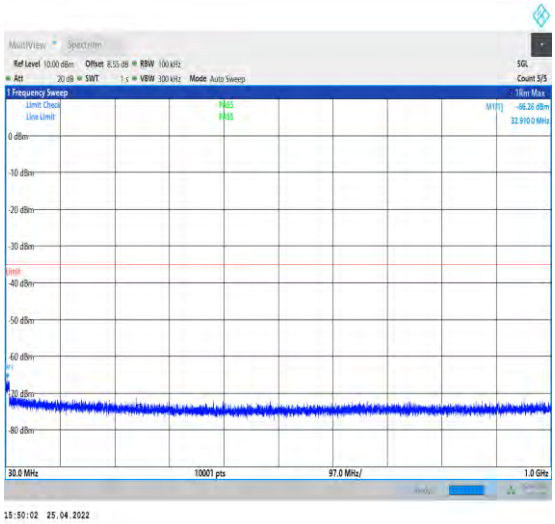

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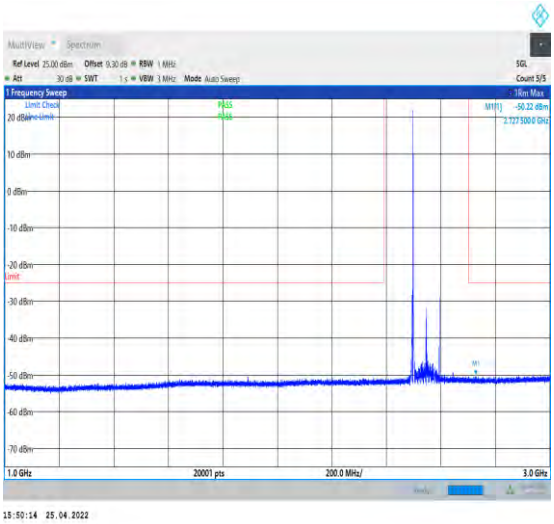

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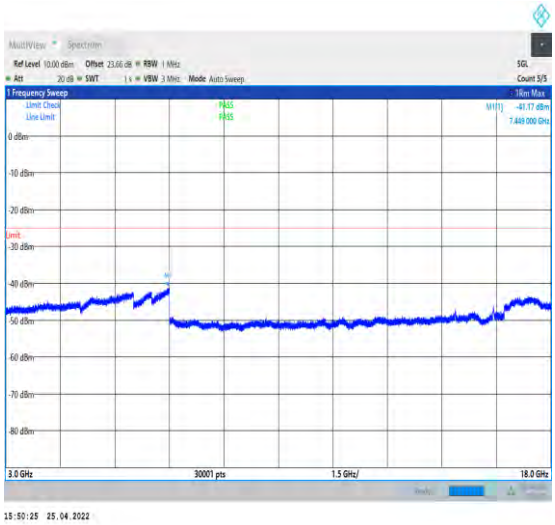

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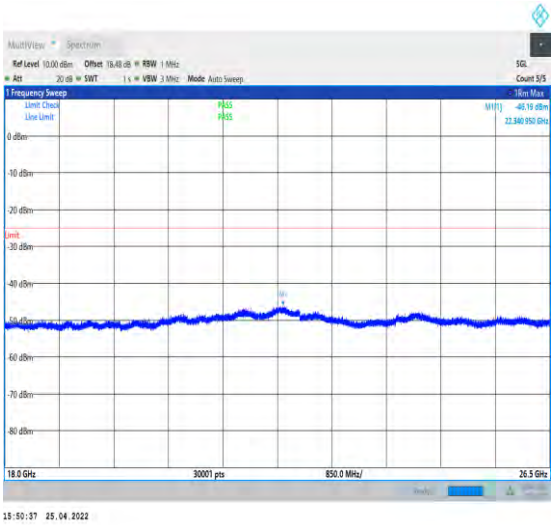

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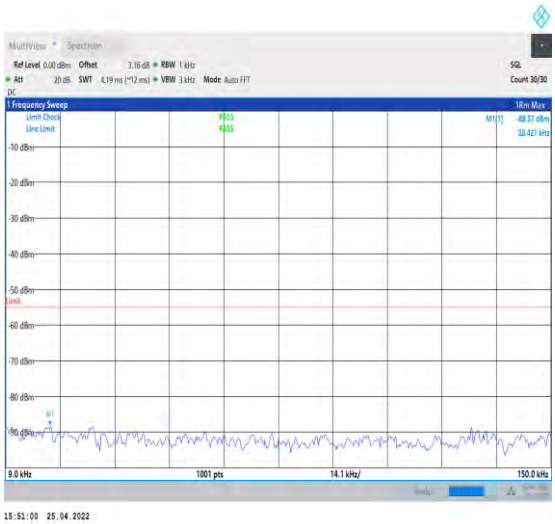

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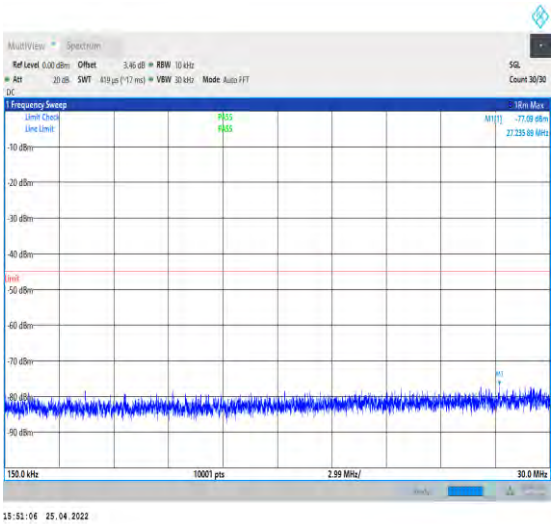

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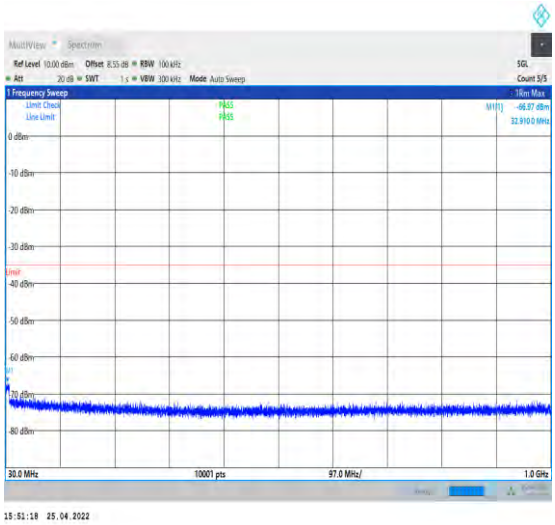

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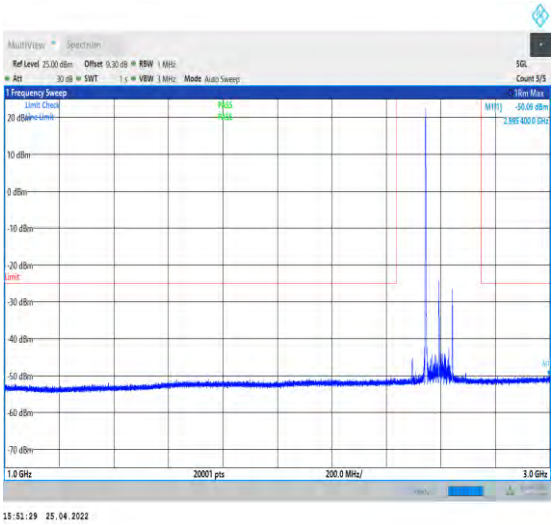

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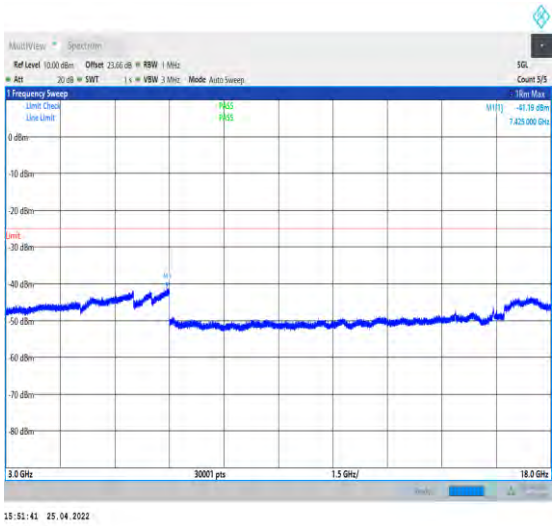

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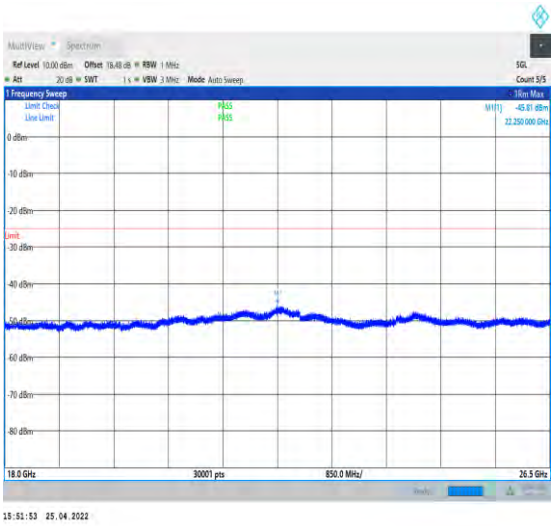

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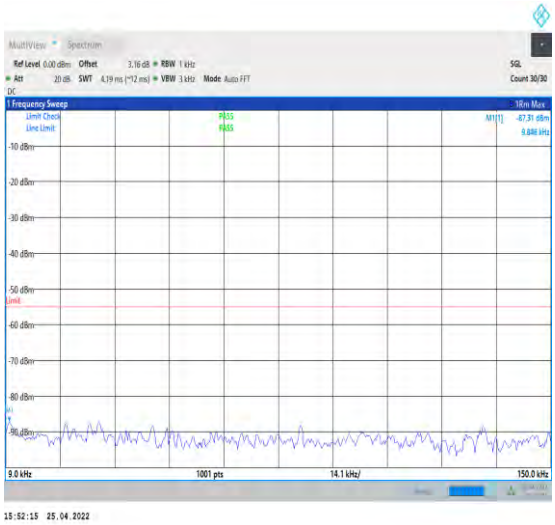

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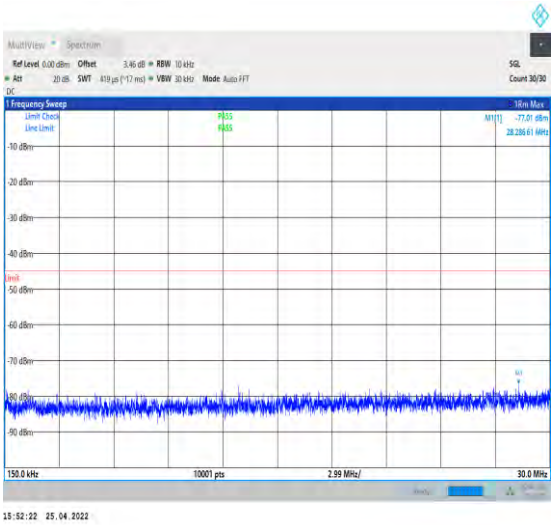

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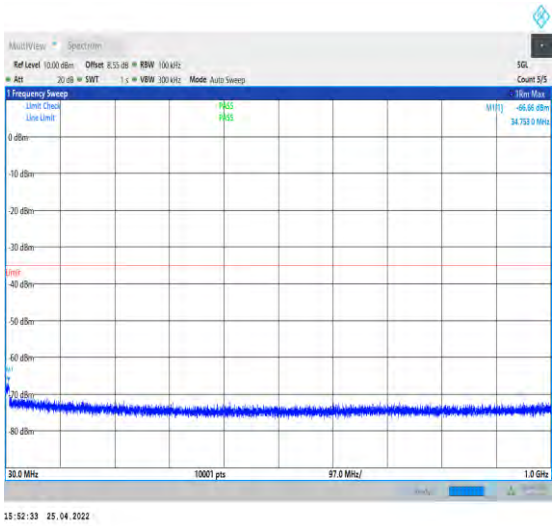

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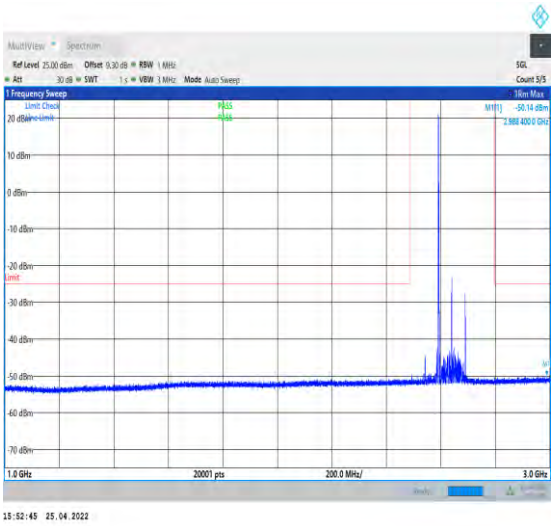

1-N41--30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant2--50.14--25-PASS

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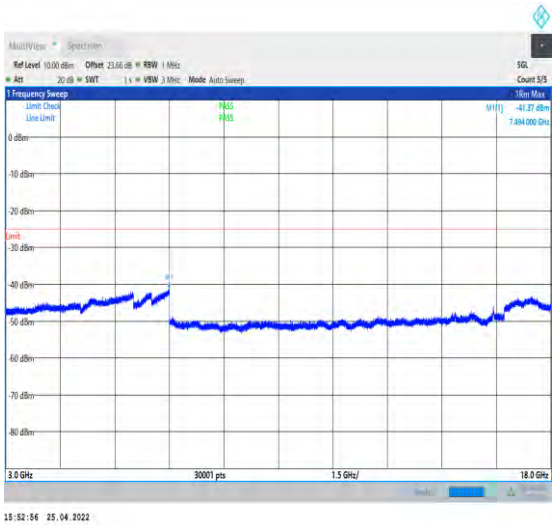	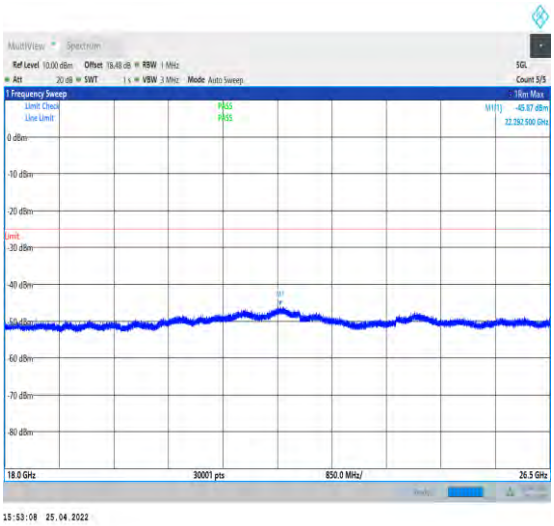
1-N41--30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-3000-18000-Ant2--41.37--25-PASS	1-N41--30-100-H-1-DFT-QPSK-Edge_1RB_Left-1@0-18000-26500-Ant2--45.87--25-PASS

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Field Strength of Spurious Radiation

Test Band = SA n41 UL MIMO_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2	50.23	-107.58	-57.35	-25.00	32.35	142	354	Horizontal
2	7503.3	49.03	-100.34	-51.31	-25.00	26.31	263	360	Horizontal
3	9831.4286	58.23	-94.16	-35.93	-25.00	10.93	284	327	Horizontal
4	12505.5	44.73	-91.38	-46.65	-25.00	21.65	176	132	Horizontal
5	15006.6	42.63	-90.07	-47.44	-25.00	22.44	294	318	Horizontal
6	17695.7143	46.29	-84.88	-38.59	-25.00	13.59	186	29	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5002.2	50.36	-107.58	-57.22	-25.00	32.22	263	257	Vertical
2	7503.3	48.99	-100.34	-51.35	-25.00	26.35	241	360	Vertical
3	9831.4286	56.70	-94.16	-37.46	-25.00	12.46	175	326	Vertical
4	11796.4286	54.77	-91.76	-36.99	-25.00	11.99	265	350	Vertical
5	14745	47.52	-89.53	-42.01	-25.00	17.01	284	36	Vertical
6	17507.7	39.96	-86.50	-46.54	-25.00	21.54	177	36	Vertical

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Test Band = SA n41 UL MIMO_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.16	49.47	-106.96	-57.49	-25.00	32.49	241	166	Horizontal
2	7644.24	49.85	-99.76	-49.91	-25.00	24.91	185	184	Horizontal
3	9831.4286	56.85	-94.16	-37.31	-25.00	12.31	264	19	Horizontal
4	11796.4286	52.10	-91.76	-39.66	-25.00	14.66	182	140	Horizontal
5	15288.48	42.65	-90.16	-47.51	-25.00	22.51	241	202	Horizontal
6	17693.5714	47.07	-84.91	-37.84	-25.00	12.84	177	299	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5096.16	49.57	-106.96	-57.39	-25.00	32.39	163	360	Vertical
2	7644.24	50.59	-99.76	-49.17	-25.00	24.17	251	286	Vertical
3	9831.4286	57.50	-94.16	-36.66	-25.00	11.66	142	157	Vertical
4	11796.4286	54.04	-91.76	-37.72	-25.00	12.72	265	331	Vertical
5	14745	48.63	-89.53	-40.90	-25.00	15.90	241	252	Vertical
6	17836.56	40.49	-84.21	-43.72	-25.00	18.72	175	252	Vertical

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Test Band = SA n41 UL MIMO_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5181.4286	56.45	-106.84	-50.39	-25.00	25.39	196	37	Horizontal
2	7785.27	48.65	-98.90	-50.25	-25.00	25.25	251	288	Horizontal
3	9831.4286	56.53	-94.16	-37.63	-25.00	12.63	175	297	Horizontal
4	11796.4286	52.85	-91.76	-38.91	-25.00	13.91	284	297	Horizontal
5	15570.54	41.99	-90.76	-48.77	-25.00	23.77	163	297	Horizontal
6	17693.5714	47.50	-84.91	-37.41	-25.00	12.41	241	149	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5190.18	50.71	-106.82	-56.11	-25.00	31.11	263	252	Vertical
2	7785.27	50.14	-98.90	-48.76	-25.00	23.76	241	352	Vertical
3	9829.2857	56.47	-94.17	-37.70	-25.00	12.70	175	175	Vertical
4	11796.4286	54.79	-91.76	-36.97	-25.00	11.97	286	20	Vertical
5	14745	50.78	-89.53	-38.75	-25.00	13.75	244	81	Vertical
6	17695.7143	42.90	-84.88	-41.98	-25.00	16.98	178	54	Vertical

The End

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