Appendix for 5G NR N7

Model: VNE-N41

BTL-FCCP-9-2204C233

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1 Appendix A: Effective (Isotropic) Radiated Power of Transmitter

1.1 Test Result for SA

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB Config	Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
N7	15	5	L	2502.5	DFT-PI/2BPSK	Inner_Full	22.18	24.08	<33	PASS
N7	15	5	L	2502.5	DFT-PI/2BPSK	Inner_1RB_Left	22.24	24.14	<33	PASS
N7	15	5	L	2502.5	DFT-PI/2BPSK	Inner_1RB_Right	22.21	24.11	<33	PASS
N7	15	5	L	2502.5	DFT-PI/2BPSK	Outer_Full	22.22	24.12	<33	PASS
N7	15	5	L	2502.5	DFT-QPSK	Inner_Full	22.18	24.08	<33	PASS
N7	15	5	L	2502.5	DFT-QPSK	Inner_1RB_Left	22.20	24.1	<33	PASS
N7	15	5	L	2502.5	DFT-QPSK	Inner_1RB_Right	22.07	23.97	<33	PASS
N7	15	5	L	2502.5	DFT-QPSK	Outer_Full	21.15	23.05	<33	PASS
N7	15	5	L	2502.5	DFT-16QAM	Inner_Full	21.18	23.08	<33	PASS
N7	15	5	L	2502.5	DFT-16QAM	Inner_1RB_Left	21.35	23.25	<33	PASS
N7	15	5	L	2502.5	DFT-16QAM	Inner_1RB_Right	21.13	23.03	<33	PASS
N7	15	5	L	2502.5	DFT-16QAM	Outer_Full	20.10	22	<33	PASS
N7	15	5	M	2535	DFT-PI/2BPSK	Inner_Full	22.06	23.96	<33	PASS
N7	15	5	M	2535	DFT-PI/2BPSK	Inner_1RB_Left	21.97	23.87	<33	PASS
N7	15	5	M	2535	DFT-PI/2BPSK	Inner_1RB_Right	21.93	23.83	<33	PASS
N7	15	5	M	2535	DFT-PI/2BPSK	Outer_Full	21.94	23.84	<33	PASS
N7	15	5	M	2535	DFT-QPSK	Inner_Full	21.89	23.79	<33	PASS
N7	15	5	M	2535	DFT-QPSK	Inner_1RB_Left	21.93	23.83	<33	PASS
N7	15	5	M	2535	DFT-QPSK	Inner_1RB_Right	21.90	23.8	<33	PASS
N7	15	5	M	2535	DFT-QPSK	Outer_Full	20.91	22.81	<33	PASS
N7	15	5	M	2535	DFT-16QAM	Inner_Full	20.99	22.89	<33	PASS
N7	15	5	M	2535	DFT-16QAM	Inner_1RB_Left	21.15	23.05	<33	PASS
N7	15	5	M	2535	DFT-16QAM	Inner_1RB_Right	20.96	22.86	<33	PASS
N7	15	5	M	2535	DFT-16QAM	Outer_Full	20.01	21.91	<33	PASS
N7	15	5	H	2567.5	DFT-PI/2BPSK	Inner_Full	22.03	23.93	<33	PASS
N7	15	5	H	2567.5	DFT-PI/2BPSK	Inner_1RB_Left	21.93	23.83	<33	PASS
N7	15	5	H	2567.5	DFT-PI/2BPSK	Inner_1RB_Right	21.89	23.79	<33	PASS
N7	15	5	H	2567.5	DFT-PI/2BPSK	Outer_Full	21.90	23.8	<33	PASS
N7	15	5	H	2567.5	DFT-QPSK	Inner_Full	21.95	23.85	<33	PASS
N7	15	5	H	2567.5	DFT-QPSK	Inner_1RB_Left	21.89	23.79	<33	PASS
N7	15	5	H	2567.5	DFT-QPSK	Inner_1RB_Right	21.87	23.77	<33	PASS
N7	15	5	H	2567.5	DFT-QPSK	Outer_Full	20.97	22.87	<33	PASS
N7	15	5	H	2567.5	DFT-16QAM	Inner_Full	21.00	22.9	<33	PASS
N7	15	5	H	2567.5	DFT-16QAM	Inner_1RB_Left	21.11	23.01	<33	PASS
N7	15	5	H	2567.5	DFT-16QAM	Inner_1RB_Right	21.09	22.99	<33	PASS
N7	15	5	H	2567.5	DFT-16QAM	Outer_Full	20.01	21.91	<33	PASS

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB Config	Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
N7	15	15	L	2507.5	DFT-PI/2BPSK	Inner_Full	21.77	23.67	<33	PASS
N7	15	15	L	2507.5	DFT-PI/2BPSK	Inner_1RB_Left	21.89	23.79	<33	PASS
N7	15	15	L	2507.5	DFT-PI/2BPSK	Inner_1RB_Right	21.90	23.8	<33	PASS
N7	15	15	L	2507.5	DFT-PI/2BPSK	Outer_Full	21.90	23.8	<33	PASS
N7	15	15	L	2507.5	DFT-QPSK	Inner_Full	21.95	23.85	<33	PASS
N7	15	15	L	2507.5	DFT-QPSK	Inner_1RB_Left	21.87	23.77	<33	PASS
N7	15	15	L	2507.5	DFT-QPSK	Inner_1RB_Right	21.86	23.76	<33	PASS
N7	15	15	L	2507.5	DFT-QPSK	Outer_Full	20.80	22.7	<33	PASS
N7	15	15	L	2507.5	DFT-16QAM	Inner_Full	20.65	22.55	<33	PASS
N7	15	15	L	2507.5	DFT-16QAM	Inner_1RB_Left	21.10	23	<33	PASS
N7	15	15	L	2507.5	DFT-16QAM	Inner_1RB_Right	20.72	22.62	<33	PASS
N7	15	15	L	2507.5	DFT-16QAM	Outer_Full	19.80	21.7	<33	PASS
N7	15	15	M	2535	DFT-PI/2BPSK	Inner_Full	21.84	23.74	<33	PASS
N7	15	15	M	2535	DFT-PI/2BPSK	Inner_1RB_Left	21.69	23.59	<33	PASS
N7	15	15	M	2535	DFT-PI/2BPSK	Inner_1RB_Right	21.61	23.51	<33	PASS
N7	15	15	M	2535	DFT-PI/2BPSK	Outer_Full	21.62	23.52	<33	PASS
N7	15	15	M	2535	DFT-QPSK	Inner_Full	21.66	23.56	<33	PASS
N7	15	15	M	2535	DFT-QPSK	Inner_1RB_Left	21.60	23.5	<33	PASS
N7	15	15	M	2535	DFT-QPSK	Inner_1RB_Right	21.57	23.47	<33	PASS
N7	15	15	M	2535	DFT-QPSK	Outer_Full	20.74	22.64	<33	PASS
N7	15	15	M	2535	DFT-16QAM	Inner_Full	20.90	22.8	<33	PASS
N7	15	15	M	2535	DFT-16QAM	Inner_1RB_Left	20.54	22.44	<33	PASS
N7	15	15	M	2535	DFT-16QAM	Inner_1RB_Right	20.80	22.7	<33	PASS
N7	15	15	M	2535	DFT-16QAM	Outer_Full	19.89	21.79	<33	PASS
N7	15	15	H	2562.5	DFT-PI/2BPSK	Inner_Full	21.86	23.76	<33	PASS
N7	15	15	H	2562.5	DFT-PI/2BPSK	Inner_1RB_Left	21.65	23.55	<33	PASS
N7	15	15	H	2562.5	DFT-PI/2BPSK	Inner_1RB_Right	21.59	23.49	<33	PASS
N7	15	15	H	2562.5	DFT-PI/2BPSK	Outer_Full	21.58	23.48	<33	PASS
N7	15	15	H	2562.5	DFT-QPSK	Inner_Full	21.64	23.54	<33	PASS
N7	15	15	H	2562.5	DFT-QPSK	Inner_1RB_Left	21.57	23.47	<33	PASS
N7	15	15	H	2562.5	DFT-QPSK	Inner_1RB_Right	21.54	23.44	<33	PASS
N7	15	15	H	2562.5	DFT-QPSK	Outer_Full	20.81	22.71	<33	PASS
N7	15	15	H	2562.5	DFT-16QAM	Inner_Full	20.87	22.77	<33	PASS
N7	15	15	H	2562.5	DFT-16QAM	Inner_1RB_Left	20.78	22.68	<33	PASS
N7	15	15	H	2562.5	DFT-16QAM	Inner_1RB_Right	20.91	22.81	<33	PASS
N7	15	15	H	2562.5	DFT-16QAM	Outer_Full	19.87	21.77	<33	PASS
N7	15	20	L	2510	DFT-PI/2BPSK	Inner_Full	21.72	23.62	<33	PASS
N7	15	20	L	2510	DFT-PI/2BPSK	Inner_1RB_Left	22.03	23.93	<33	PASS
N7	15	20	L	2510	DFT-PI/2BPSK	Inner_1RB_Right	21.92	23.82	<33	PASS
N7	15	20	L	2510	DFT-PI/2BPSK	Outer_Full	21.86	23.76	<33	PASS

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB Config	Power [dBm]	EIRP [dBm]	Limit [dBm]	Verdict
N7	15	20	L	2510	DFT-QPSK	Inner_Full	21.89	23.79	<33	PASS
N7	15	20	L	2510	DFT-QPSK	Inner_1RB_Left	21.88	23.78	<33	PASS
N7	15	20	L	2510	DFT-QPSK	Inner_1RB_Right	21.87	23.77	<33	PASS
N7	15	20	L	2510	DFT-QPSK	Outer_Full	20.84	22.74	<33	PASS
N7	15	20	L	2510	DFT-16QAM	Inner_Full	20.81	22.71	<33	PASS
N7	15	20	L	2510	DFT-16QAM	Inner_1RB_Left	21.12	23.02	<33	PASS
N7	15	20	L	2510	DFT-16QAM	Inner_1RB_Right	20.41	22.31	<33	PASS
N7	15	20	L	2510	DFT-16QAM	Outer_Full	19.89	21.79	<33	PASS
N7	15	20	M	2535	DFT-PI/2BPSK	Inner_Full	21.86	23.76	<33	PASS
N7	15	20	M	2535	DFT-PI/2BPSK	Inner_1RB_Left	21.61	23.51	<33	PASS
N7	15	20	M	2535	DFT-PI/2BPSK	Inner_1RB_Right	21.63	23.53	<33	PASS
N7	15	20	M	2535	DFT-PI/2BPSK	Outer_Full	21.62	23.52	<33	PASS
N7	15	20	M	2535	DFT-QPSK	Inner_Full	21.58	23.48	<33	PASS
N7	15	20	M	2535	DFT-QPSK	Inner_1RB_Left	21.61	23.51	<33	PASS
N7	15	20	M	2535	DFT-QPSK	Inner_1RB_Right	21.60	23.5	<33	PASS
N7	15	20	M	2535	DFT-QPSK	Outer_Full	20.75	22.65	<33	PASS
N7	15	20	M	2535	DFT-16QAM	Inner_Full	20.95	22.85	<33	PASS
N7	15	20	M	2535	DFT-16QAM	Inner_1RB_Left	21.01	22.91	<33	PASS
N7	15	20	M	2535	DFT-16QAM	Inner_1RB_Right	20.81	22.71	<33	PASS
N7	15	20	M	2535	DFT-16QAM	Outer_Full	19.93	21.83	<33	PASS
N7	15	20	H	2560	DFT-PI/2BPSK	Inner_Full	21.85	23.75	<33	PASS
N7	15	20	H	2560	DFT-PI/2BPSK	Inner_1RB_Left	21.57	23.47	<33	PASS
N7	15	20	H	2560	DFT-PI/2BPSK	Inner_1RB_Right	21.58	23.48	<33	PASS
N7	15	20	H	2560	DFT-PI/2BPSK	Outer_Full	21.66	23.56	<33	PASS
N7	15	20	H	2560	DFT-QPSK	Inner_Full	21.63	23.53	<33	PASS
N7	15	20	H	2560	DFT-QPSK	Inner_1RB_Left	21.63	23.53	<33	PASS
N7	15	20	H	2560	DFT-QPSK	Inner_1RB_Right	21.54	23.44	<33	PASS
N7	15	20	H	2560	DFT-QPSK	Outer_Full	20.74	22.64	<33	PASS
N7	15	20	H	2560	DFT-16QAM	Inner_Full	20.95	22.85	<33	PASS
N7	15	20	H	2560	DFT-16QAM	Inner_1RB_Left	20.75	22.65	<33	PASS
N7	15	20	H	2560	DFT-16QAM	Inner_1RB_Right	20.94	22.84	<33	PASS
N7	15	20	H	2560	DFT-16QAM	Outer_Full	19.82	21.72	<33	PASS

2 Appendix B: Peak-to-Average Ratio

2.1 Test Result for SA

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB Config	Measured [dBm]	Limit [dBm]	Verdict
N7	15	5	M	2535	DFT-PI/2BPSK	Outer_Full	6.50	≤13	PASS
N7	15	5	M	2535	DFT-QPSK	Outer_Full	6.02	≤13	PASS
N7	15	5	M	2535	DFT-16QAM	Outer_Full	6.76	≤13	PASS
N7	15	5	M	2535	DFT-64QAM	Outer_Full	7.20	≤13	PASS
N7	15	5	M	2535	DFT-256QAM	Outer_Full	7.44	≤13	PASS
N7	15	5	M	2535	CP-QPSK	Outer_Full	7.91	≤13	PASS
N7	15	5	M	2535	CP-16QAM	Outer_Full	8.09	≤13	PASS
N7	15	5	M	2535	CP-64QAM	Outer_Full	8.51	≤13	PASS
N7	15	5	M	2535	CP-256QAM	Outer_Full	8.58	≤13	PASS
N7	15	15	M	2535	DFT-PI/2BPSK	Outer_Full	9.06	≤13	PASS
N7	15	15	M	2535	DFT-QPSK	Outer_Full	7.46	≤13	PASS
N7	15	15	M	2535	DFT-16QAM	Outer_Full	7.63	≤13	PASS
N7	15	15	M	2535	DFT-64QAM	Outer_Full	7.61	≤13	PASS
N7	15	15	M	2535	DFT-256QAM	Outer_Full	7.89	≤13	PASS
N7	15	15	M	2535	CP-QPSK	Outer_Full	8.40	≤13	PASS
N7	15	15	M	2535	CP-16QAM	Outer_Full	8.38	≤13	PASS
N7	15	15	M	2535	CP-64QAM	Outer_Full	8.31	≤13	PASS
N7	15	15	M	2535	CP-256QAM	Outer_Full	8.34	≤13	PASS
N7	15	20	M	2535	DFT-PI/2BPSK	Outer_Full	9.46	≤13	PASS
N7	15	20	M	2535	DFT-QPSK	Outer_Full	7.43	≤13	PASS
N7	15	20	M	2535	DFT-16QAM	Outer_Full	8.01	≤13	PASS
N7	15	20	M	2535	DFT-64QAM	Outer_Full	8.19	≤13	PASS
N7	15	20	M	2535	DFT-256QAM	Outer_Full	8.08	≤13	PASS
N7	15	20	M	2535	CP-QPSK	Outer_Full	8.60	≤13	PASS
N7	15	20	M	2535	CP-16QAM	Outer_Full	8.36	≤13	PASS
N7	15	20	M	2535	CP-64QAM	Outer_Full	8.57	≤13	PASS
N7	15	20	M	2535	CP-256QAM	Outer_Full	8.49	≤13	PASS

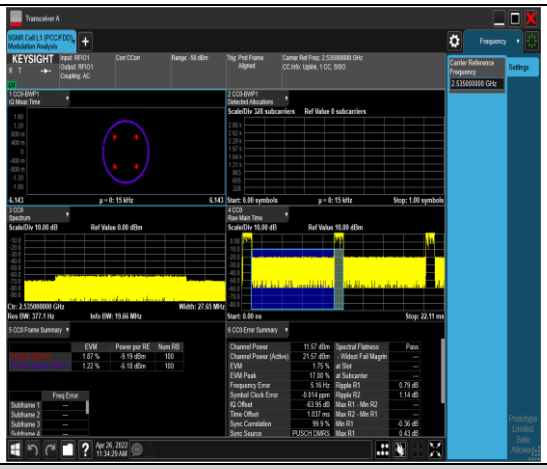
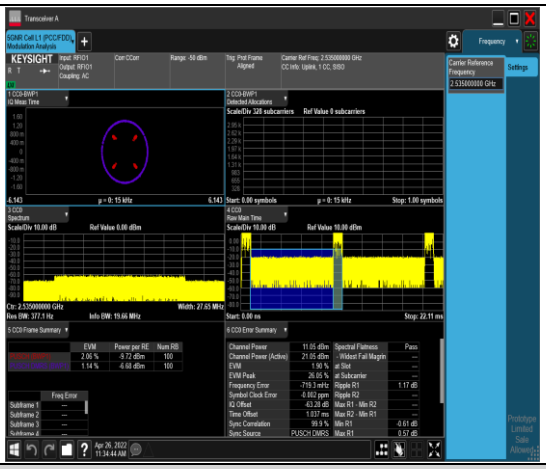
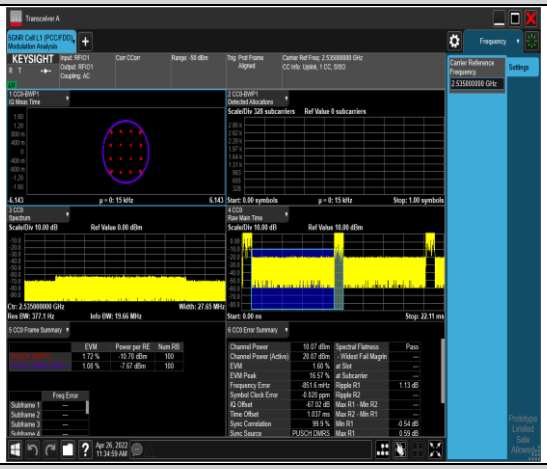
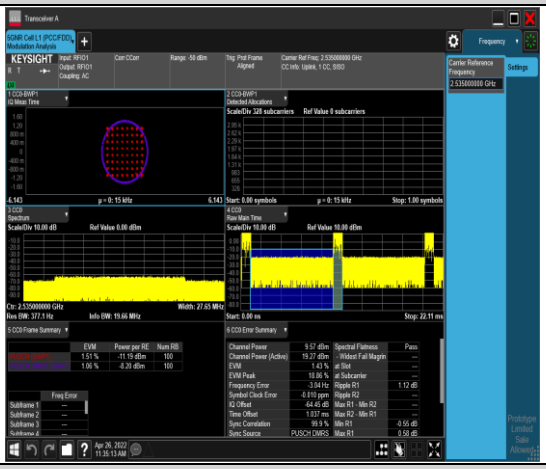
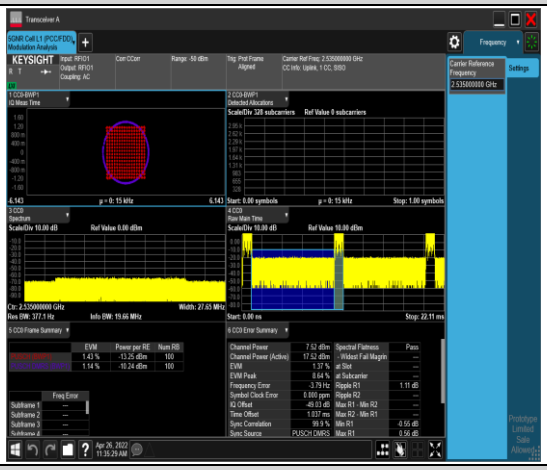
3 Appendix C: Modulation characteristics

3.1 Test Result for SA

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB config	Verdict
N7	15	20	M	2535	DFT-PI/2BPSK	Outer_Full	PASS
N7	15	20	M	2535	DFT-QPSK	Outer_Full	PASS
N7	15	20	M	2535	DFT-16QAM	Outer_Full	PASS
N7	15	20	M	2535	DFT-64QAM	Outer_Full	PASS
N7	15	20	M	2535	DFT-256QAM	Outer_Full	PASS
N7	15	20	M	2535	CP-QPSK	Outer_Full	PASS
N7	15	20	M	2535	CP-16QAM	Outer_Full	PASS
N7	15	20	M	2535	CP-64QAM	Outer_Full	PASS
N7	15	20	M	2535	CP-256QAM	Outer_Full	PASS

3.2 Test Plots for SA

Channel bandwidth=20MHz

	
1-N7-PC3-15-20-M-1-DFT-PI/2BPSK-Outer_Full-100@0-Ant1-see graph-PASS	1-N7-PC3-15-20-M-2-DFT-QPSK-Outer_Full-100@0-Ant1-see graph-PASS
	
1-N7-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-see graph-PASS	1-N7-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-see graph-PASS
	
1-N7-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant1-see graph-PASS	1-N7-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant1-see graph-PASS

1-N7-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant1-see graph-PASS	1-N7-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant1-see graph-PASS
	-
1-N7-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant1-see graph-PASS	-

4 Appendix D: Occupied Bandwidth

4.1 Test Result for SA

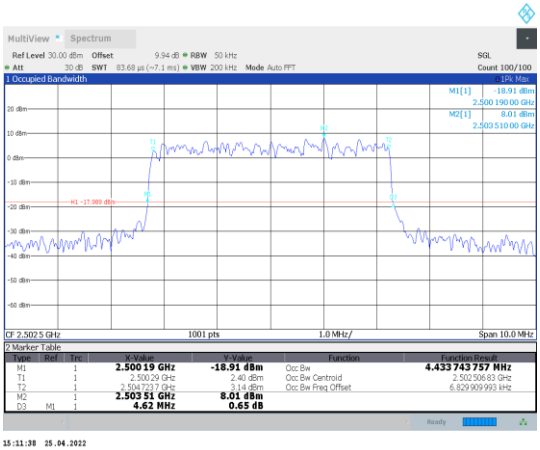
NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB config	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
N7	15	5	L	2502.5	CP-QPSK	Outer_Full	4.434	4.620	PASS
N7	15	5	L	2502.5	CP-16QAM	Outer_Full	4.477	4.790	PASS
N7	15	5	L	2502.5	CP-64QAM	Outer_Full	4.46	4.770	PASS
N7	15	5	L	2502.5	CP-256QAM	Outer_Full	4.471	4.770	PASS
N7	15	5	L	2502.5	DFT-PI/2BPSK	Outer_Full	4.464	4.810	PASS
N7	15	5	L	2502.5	DFT-QPSK	Outer_Full	4.461	4.680	PASS
N7	15	5	L	2502.5	DFT-16QAM	Outer_Full	4.494	4.880	PASS
N7	15	5	L	2502.5	DFT-64QAM	Outer_Full	4.475	4.870	PASS
N7	15	5	L	2502.5	DFT-256QAM	Outer_Full	4.485	4.710	PASS
N7	15	5	M	2535	CP-QPSK	Outer_Full	4.441	4.660	PASS
N7	15	5	M	2535	CP-16QAM	Outer_Full	4.462	4.760	PASS
N7	15	5	M	2535	CP-64QAM	Outer_Full	4.466	4.680	PASS
N7	15	5	M	2535	CP-256QAM	Outer_Full	4.463	4.620	PASS
N7	15	5	M	2535	DFT-PI/2BPSK	Outer_Full	4.459	4.830	PASS
N7	15	5	M	2535	DFT-QPSK	Outer_Full	4.48	4.640	PASS
N7	15	5	M	2535	DFT-16QAM	Outer_Full	4.448	4.630	PASS
N7	15	5	M	2535	DFT-64QAM	Outer_Full	4.44	4.610	PASS
N7	15	5	M	2535	DFT-256QAM	Outer_Full	4.461	4.640	PASS
N7	15	5	H	2567.5	CP-QPSK	Outer_Full	4.45	4.640	PASS
N7	15	5	H	2567.5	CP-16QAM	Outer_Full	4.431	4.700	PASS
N7	15	5	H	2567.5	CP-64QAM	Outer_Full	4.456	4.700	PASS
N7	15	5	H	2567.5	CP-256QAM	Outer_Full	4.477	4.770	PASS
N7	15	5	H	2567.5	DFT-PI/2BPSK	Outer_Full	4.448	4.650	PASS
N7	15	5	H	2567.5	DFT-QPSK	Outer_Full	4.467	4.890	PASS
N7	15	5	H	2567.5	DFT-16QAM	Outer_Full	4.452	4.700	PASS
N7	15	5	H	2567.5	DFT-64QAM	Outer_Full	4.403	4.610	PASS
N7	15	5	H	2567.5	DFT-256QAM	Outer_Full	4.433	4.620	PASS
N7	15	10	L	2505	CP-QPSK	Outer_Full	8.944	9.500	PASS
N7	15	10	L	2505	CP-16QAM	Outer_Full	9.321	9.660	PASS
N7	15	10	L	2505	CP-64QAM	Outer_Full	9.231	9.760	PASS
N7	15	10	L	2505	CP-256QAM	Outer_Full	9.329	9.740	PASS
N7	15	10	L	2505	DFT-PI/2BPSK	Outer_Full	8.958	9.320	PASS
N7	15	10	L	2505	DFT-QPSK	Outer_Full	8.935	9.300	PASS
N7	15	10	L	2505	DFT-16QAM	Outer_Full	8.904	9.460	PASS
N7	15	10	L	2505	DFT-64QAM	Outer_Full	8.932	9.360	PASS

NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB config	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
N7	15	10	L	2505	DFT-256QAM	Outer_Full	8.9	9.280	PASS
N7	15	10	M	2535	CP-QPSK	Outer_Full	8.934	9.460	PASS
N7	15	10	M	2535	CP-16QAM	Outer_Full	9.314	9.820	PASS
N7	15	10	M	2535	CP-64QAM	Outer_Full	9.28	9.620	PASS
N7	15	10	M	2535	CP-256QAM	Outer_Full	9.255	9.600	PASS
N7	15	10	M	2535	DFT-PI/2BPSK	Outer_Full	8.89	9.400	PASS
N7	15	10	M	2535	DFT-QPSK	Outer_Full	8.934	9.300	PASS
N7	15	10	M	2535	DFT-16QAM	Outer_Full	8.941	9.260	PASS
N7	15	10	M	2535	DFT-64QAM	Outer_Full	8.81	9.420	PASS
N7	15	10	M	2535	DFT-256QAM	Outer_Full	8.837	9.260	PASS
N7	15	10	H	2565	CP-QPSK	Outer_Full	8.917	9.300	PASS
N7	15	10	H	2565	CP-16QAM	Outer_Full	9.263	9.760	PASS
N7	15	10	H	2565	CP-64QAM	Outer_Full	9.295	9.620	PASS
N7	15	10	H	2565	CP-256QAM	Outer_Full	9.245	9.680	PASS
N7	15	10	H	2565	DFT-PI/2BPSK	Outer_Full	8.94	9.240	PASS
N7	15	10	H	2565	DFT-QPSK	Outer_Full	8.937	9.380	PASS
N7	15	10	H	2565	DFT-16QAM	Outer_Full	8.945	9.280	PASS
N7	15	10	H	2565	DFT-64QAM	Outer_Full	8.945	9.260	PASS
N7	15	10	H	2565	DFT-256QAM	Outer_Full	8.935	9.320	PASS
N7	15	15	L	2507.5	CP-QPSK	Outer_Full	13.392	13.950	PASS
N7	15	15	L	2507.5	CP-16QAM	Outer_Full	14.156	14.820	PASS
N7	15	15	L	2507.5	CP-64QAM	Outer_Full	14.076	14.700	PASS
N7	15	15	L	2507.5	CP-256QAM	Outer_Full	14.159	14.910	PASS
N7	15	15	L	2507.5	DFT-PI/2BPSK	Outer_Full	13.439	14.040	PASS
N7	15	15	L	2507.5	DFT-QPSK	Outer_Full	13.5	14.100	PASS
N7	15	15	L	2507.5	DFT-16QAM	Outer_Full	13.454	14.010	PASS
N7	15	15	L	2507.5	DFT-64QAM	Outer_Full	13.373	14.010	PASS
N7	15	15	L	2507.5	DFT-256QAM	Outer_Full	13.389	14.010	PASS
N7	15	15	M	2535	CP-QPSK	Outer_Full	13.389	14.070	PASS
N7	15	15	M	2535	CP-16QAM	Outer_Full	14.159	14.910	PASS
N7	15	15	M	2535	CP-64QAM	Outer_Full	14.108	14.850	PASS
N7	15	15	M	2535	CP-256QAM	Outer_Full	14.11	14.700	PASS
N7	15	15	M	2535	DFT-PI/2BPSK	Outer_Full	13.446	14.130	PASS
N7	15	15	M	2535	DFT-QPSK	Outer_Full	13.423	14.040	PASS
N7	15	15	M	2535	DFT-16QAM	Outer_Full	13.45	13.980	PASS
N7	15	15	M	2535	DFT-64QAM	Outer_Full	13.437	14.010	PASS
N7	15	15	M	2535	DFT-256QAM	Outer_Full	13.361	13.980	PASS
N7	15	15	H	2562.5	CP-QPSK	Outer_Full	13.379	13.980	PASS
N7	15	15	H	2562.5	CP-16QAM	Outer_Full	14.122	14.790	PASS

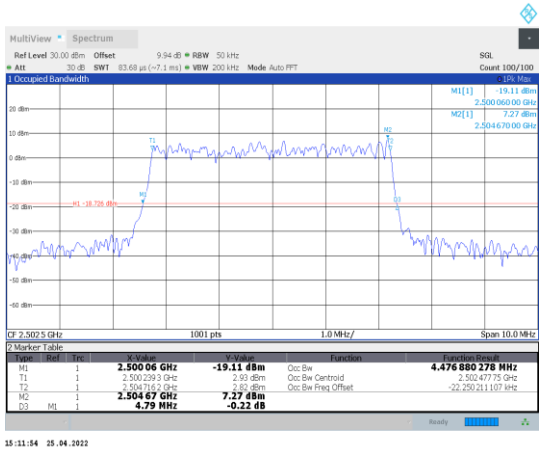
NR Band	SCS [kHz]	BW [MHz]	Channel	Freq [MHz]	Modulation	RB config	Occupied Bandwidth [MHz]	Emission Bandwidth [MHz]	Verdict
N7	15	15	H	2562.5	CP-64QAM	Outer_Full	14.149	14.700	PASS
N7	15	15	H	2562.5	CP-256QAM	Outer_Full	14.073	14.760	PASS
N7	15	15	H	2562.5	DFT-PI/2BPSK	Outer_Full	13.446	14.010	PASS
N7	15	15	H	2562.5	DFT-QPSK	Outer_Full	13.416	13.980	PASS
N7	15	15	H	2562.5	DFT-16QAM	Outer_Full	13.462	14.010	PASS
N7	15	15	H	2562.5	DFT-64QAM	Outer_Full	13.453	14.070	PASS
N7	15	15	H	2562.5	DFT-256QAM	Outer_Full	13.352	14.100	PASS
N7	15	20	L	2510	CP-QPSK	Outer_Full	17.916	18.600	PASS
N7	15	20	L	2510	CP-16QAM	Outer_Full	18.912	19.680	PASS
N7	15	20	L	2510	CP-64QAM	Outer_Full	18.868	19.600	PASS
N7	15	20	L	2510	CP-256QAM	Outer_Full	18.941	19.560	PASS
N7	15	20	L	2510	DFT-PI/2BPSK	Outer_Full	17.926	18.600	PASS
N7	15	20	L	2510	DFT-QPSK	Outer_Full	17.903	18.520	PASS
N7	15	20	L	2510	DFT-16QAM	Outer_Full	17.749	18.600	PASS
N7	15	20	L	2510	DFT-64QAM	Outer_Full	17.838	18.520	PASS
N7	15	20	L	2510	DFT-256QAM	Outer_Full	17.928	18.480	PASS
N7	15	20	M	2535	CP-QPSK	Outer_Full	17.867	18.480	PASS
N7	15	20	M	2535	CP-16QAM	Outer_Full	18.918	20.440	PASS
N7	15	20	M	2535	CP-64QAM	Outer_Full	18.866	19.600	PASS
N7	15	20	M	2535	CP-256QAM	Outer_Full	18.865	19.640	PASS
N7	15	20	M	2535	DFT-PI/2BPSK	Outer_Full	17.791	18.520	PASS
N7	15	20	M	2535	DFT-QPSK	Outer_Full	17.929	18.520	PASS
N7	15	20	M	2535	DFT-16QAM	Outer_Full	17.917	18.560	PASS
N7	15	20	M	2535	DFT-64QAM	Outer_Full	17.921	18.520	PASS
N7	15	20	M	2535	DFT-256QAM	Outer_Full	17.904	18.560	PASS
N7	15	20	H	2560	CP-QPSK	Outer_Full	17.833	18.520	PASS
N7	15	20	H	2560	CP-16QAM	Outer_Full	18.878	19.600	PASS
N7	15	20	H	2560	CP-64QAM	Outer_Full	18.972	19.640	PASS
N7	15	20	H	2560	CP-256QAM	Outer_Full	18.926	19.640	PASS
N7	15	20	H	2560	DFT-PI/2BPSK	Outer_Full	17.875	18.560	PASS
N7	15	20	H	2560	DFT-QPSK	Outer_Full	17.8	18.480	PASS
N7	15	20	H	2560	DFT-16QAM	Outer_Full	17.817	18.480	PASS
N7	15	20	H	2560	DFT-64QAM	Outer_Full	17.659	18.560	PASS
N7	15	20	H	2560	DFT-256QAM	Outer_Full	17.897	18.560	PASS

4.2 Test Plots for SA

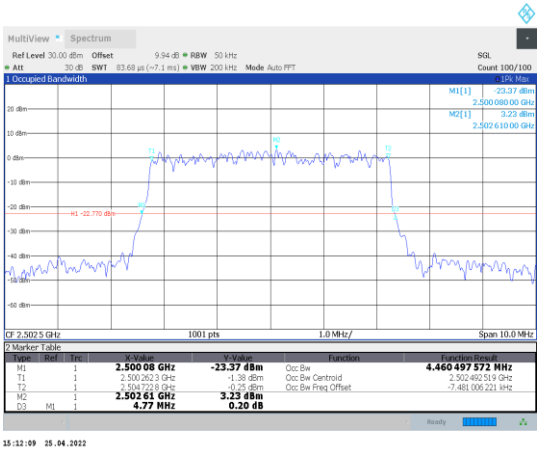
Channel bandwidth=5MHz



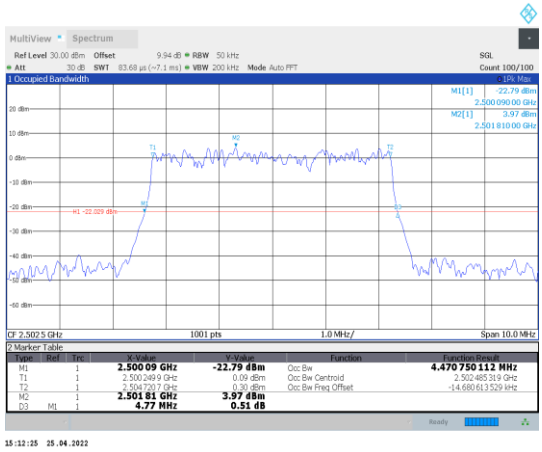
1-N7-PC3-15-5-L-1-CP-QPSK-Outer_Full-25@0-Ant1-4.434-4.620-≤5-PASS



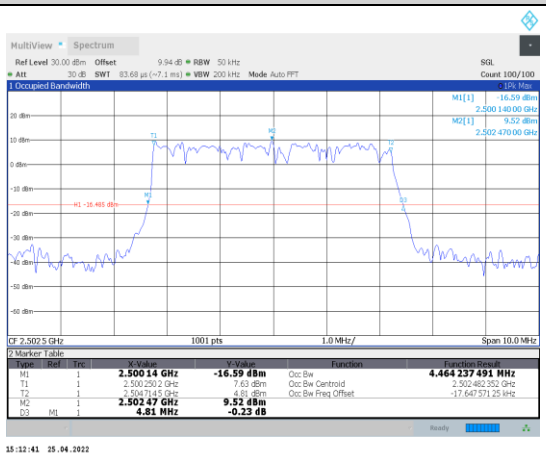
1-N7-PC3-15-5-L-2-CP-16QAM-Outer_Full-25@0-Ant1-4.477-4.790-≤5-PASS



1-N7-PC3-15-5-L-3-CP-64QAM-Outer_Full-25@0-Ant1-4.46-4.770-≤5-PASS

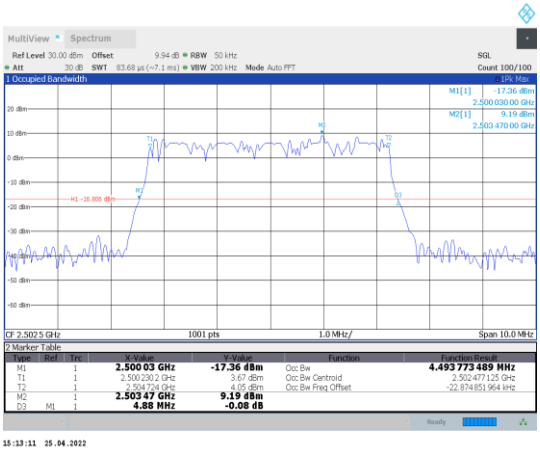


1-N7-PC3-15-5-L-4-CP-256QAM-Outer_Full-25@0-Ant1-4.471-4.770-≤5-PASS

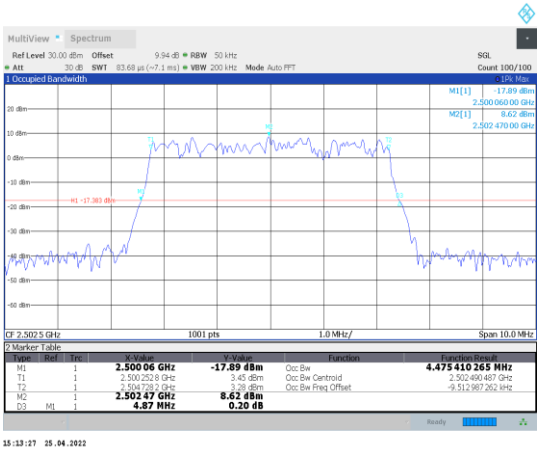


1-N7-PC3-15-5-L-5-DFT-PI/2BPSK-Outer_Full-25@0-Ant1-4.464-4.810-≤5-PASS

1-N7-PC3-15-5-L-6-DFT-QPSK-Outer_Full-25@0-Ant1-4.461-4.680-≤5-PASS



1-N7-PC3-15-5-L-7-DFT-16QAM-Outer_Full-25@0-Ant1-4.494-4.880-≤5-PASS



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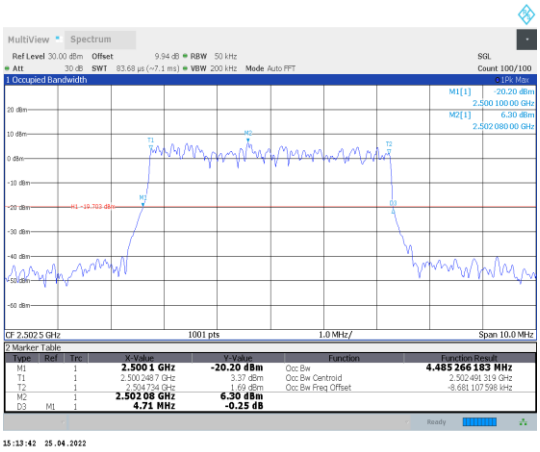

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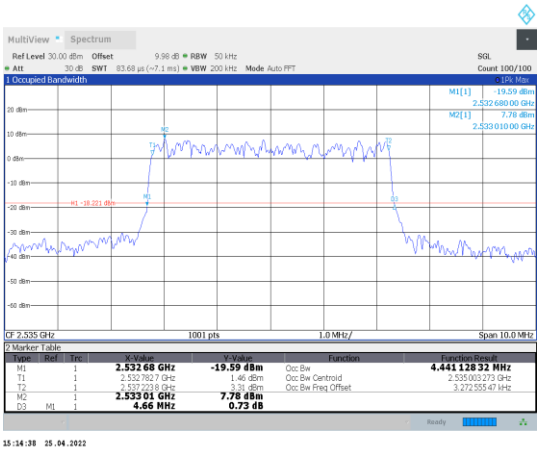
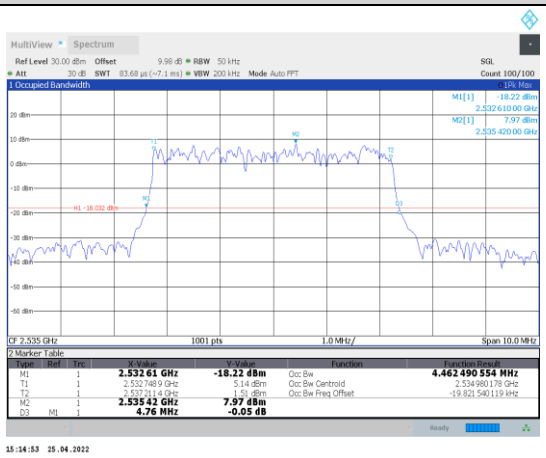
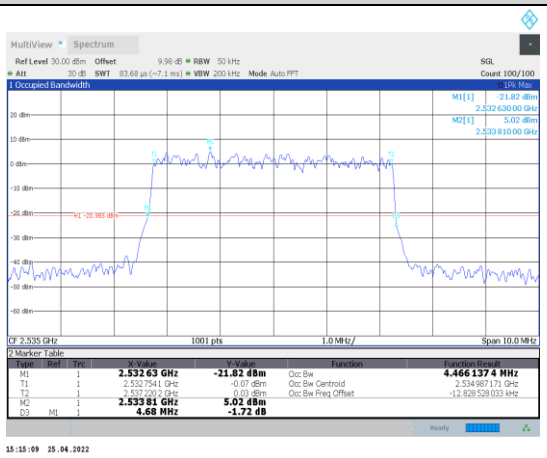


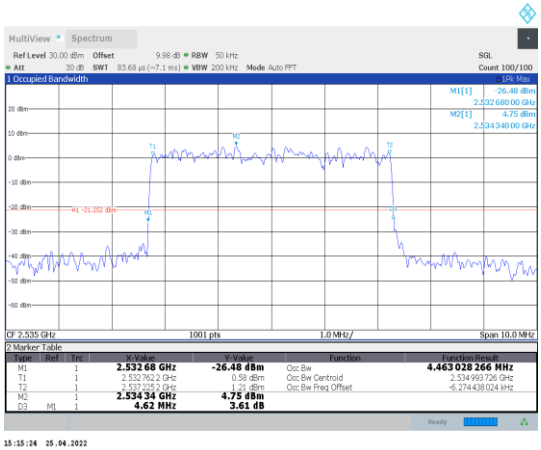
1-N7-PC3-15-5-M-1-CP-QPSK-Outer_Full-25@0-Ant1-4.441-4.660-≤5-PASS



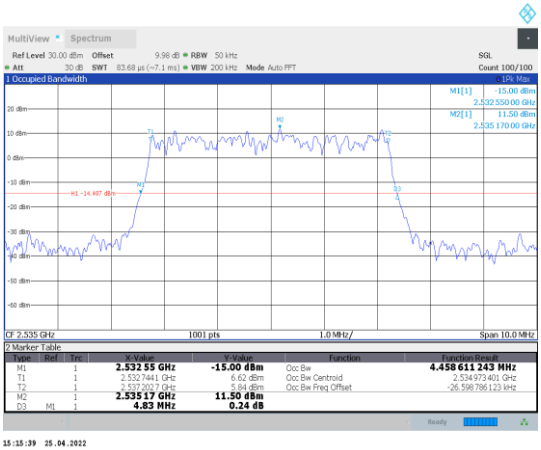
1-N7-PC3-15-5-M-2-CP-16QAM-Outer_Full-25@0-Ant1-4.462-4.760-≤5-PASS



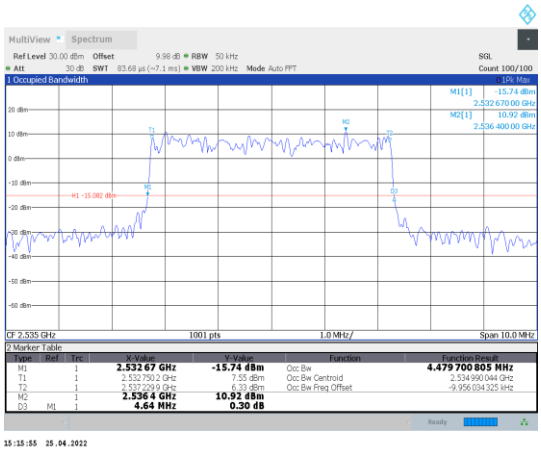
1-N7-PC3-15-5-M-3-CP-64QAM-Outer_Full-25@0-Ant1-4.466-4.680-≤5-PASS



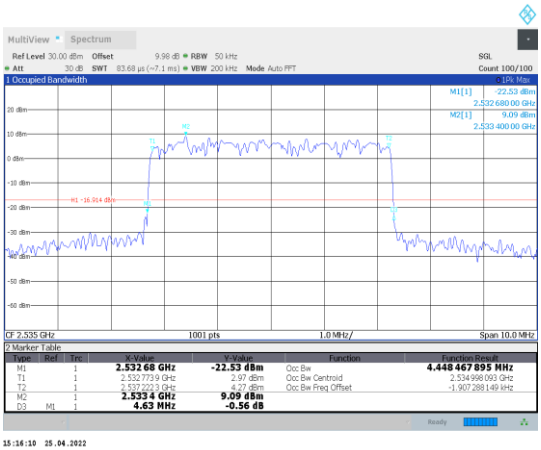
1-N7-PC3-15-5-M-4-CP-256QAM-Outer_Full-25@0-Ant1-4.463-4.620-≤5-PASS



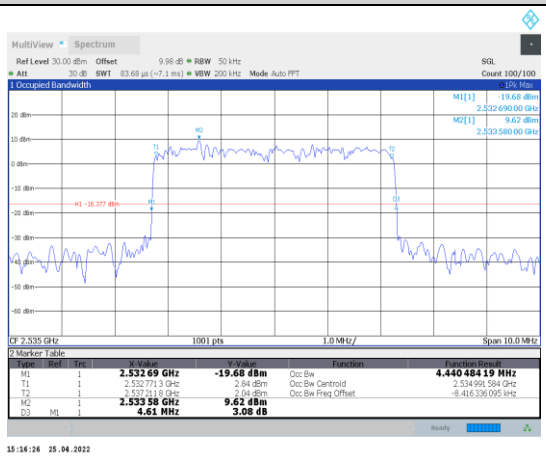
1-N7-PC3-15-5-M-5-DFT-PI/2BPSK-Outer_Full-25@0-Ant1-4.459-4.830-≤5-PASS



1-N7-PC3-15-5-M-6-DFT-QPSK-Outer_Full-25@0-Ant1-4.48-4.640-≤5-PASS



1-N7-PC3-15-5-M-7-DFT-16QAM-Outer_Full-25@0-Ant1-4.448-4.630-≤5-PASS



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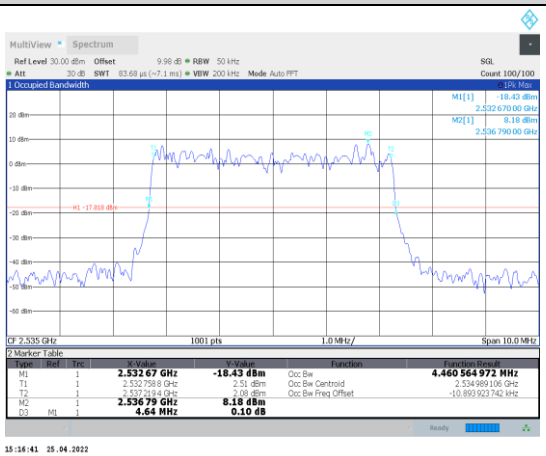
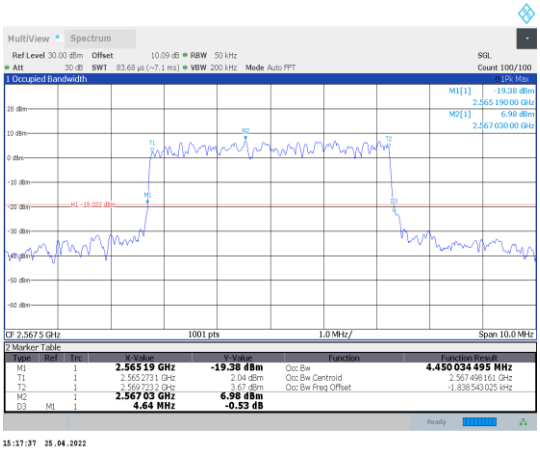


1-N7-PC3-15-5-M-9-DFT-256QAM-Outer_Full-25@0-Ant1-4.461-4.640-≤5-PASS



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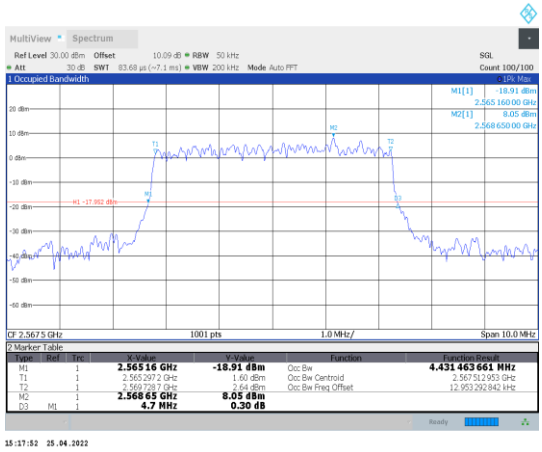

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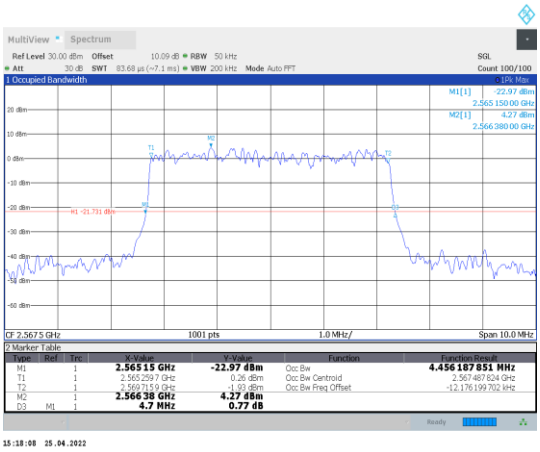
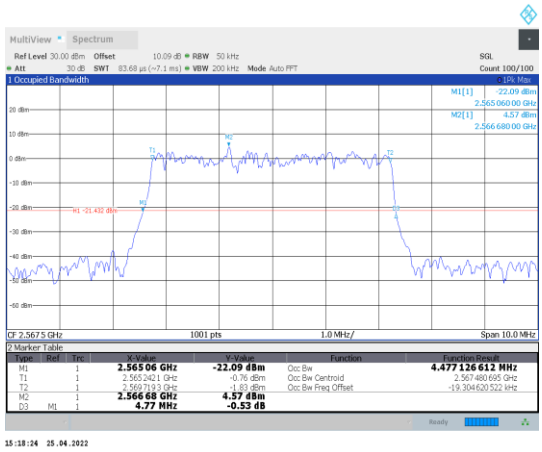
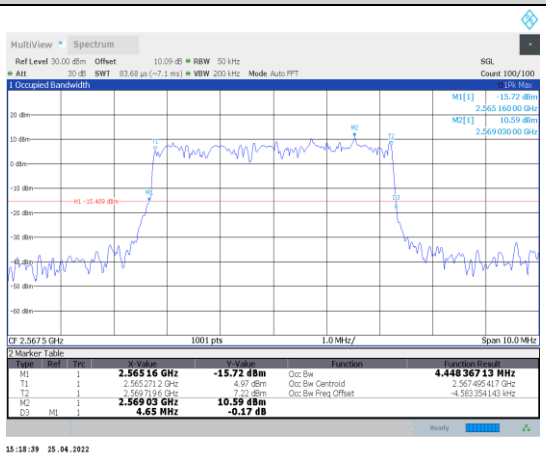


1-N7-PC3-15-5-H-3-CP-64QAM-Outer_Full-25@0-Ant1-4.456-4.700-≤5-PASS



1-N7-PC3-15-5-H-4-CP-256QAM-Outer_Full-25@0-Ant1-4.477-4.770-≤5-PASS



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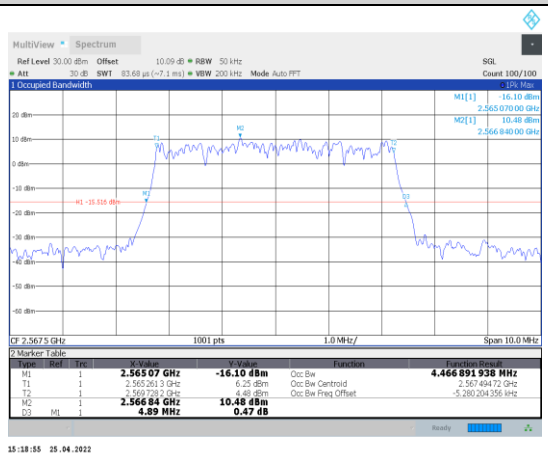

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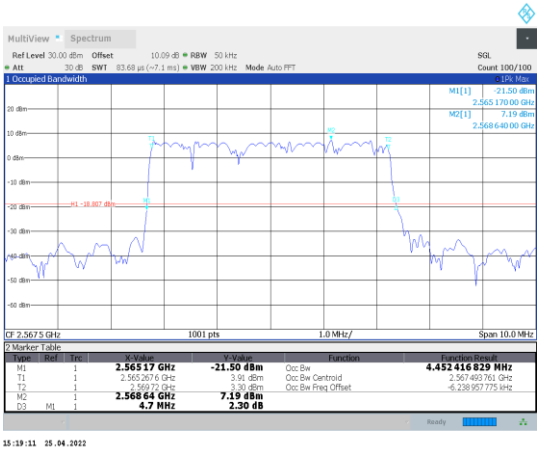
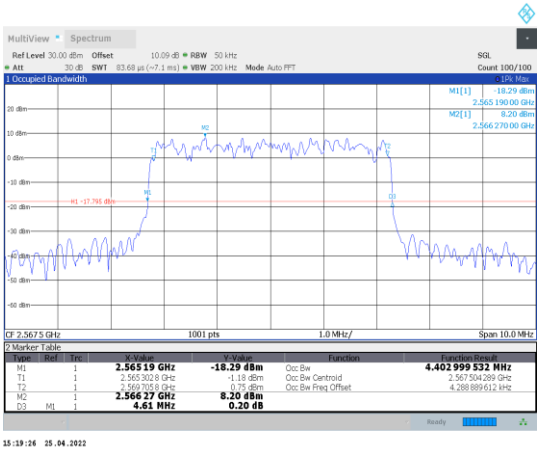
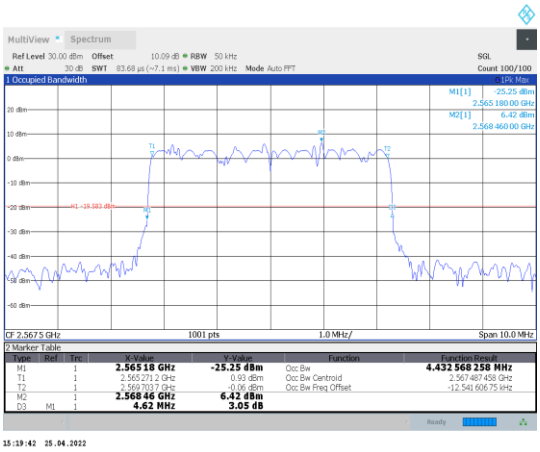
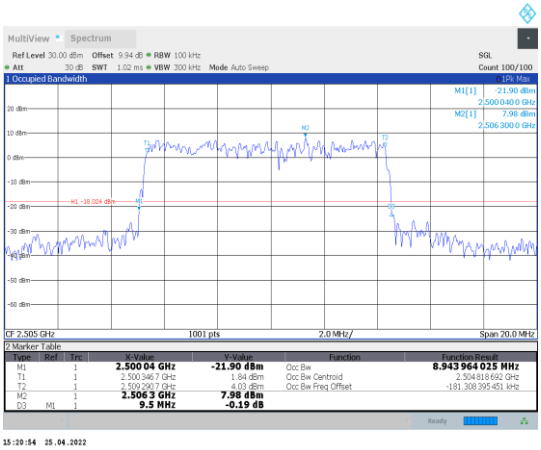
	
1-N7-PC3-15-5-H-7-DFT-16QAM-Outer_Full-25@0-Ant1-4.452-4.700-≤5-PASS	1-N7-PC3-15-5-H-8-DFT-64QAM-Outer_Full-25@0-Ant1-4.403-4.610-≤5-PASS
	-
1-N7-PC3-15-5-H-9-DFT-256QAM-Outer_Full-25@0-Ant1-4.433-4.620-≤5-PASS	-

Channel bandwidth=10MHz



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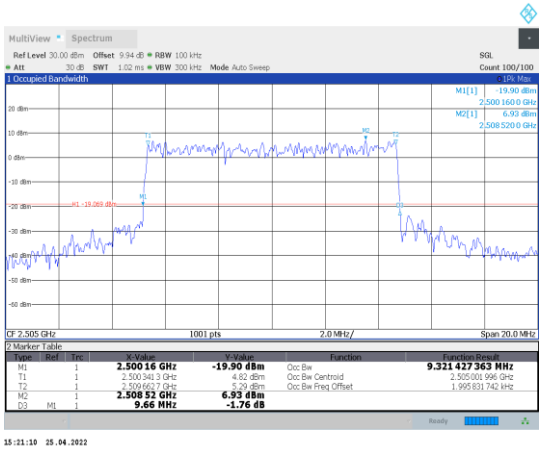

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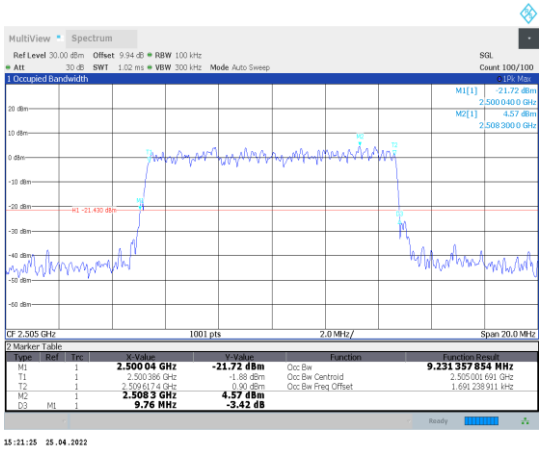

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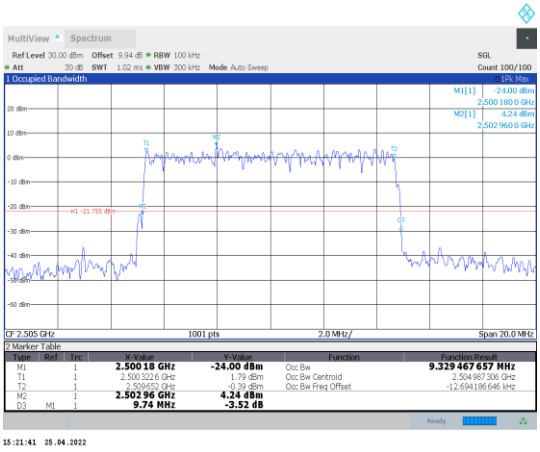

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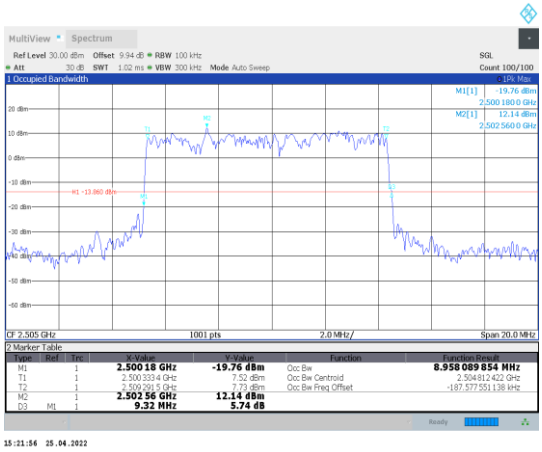

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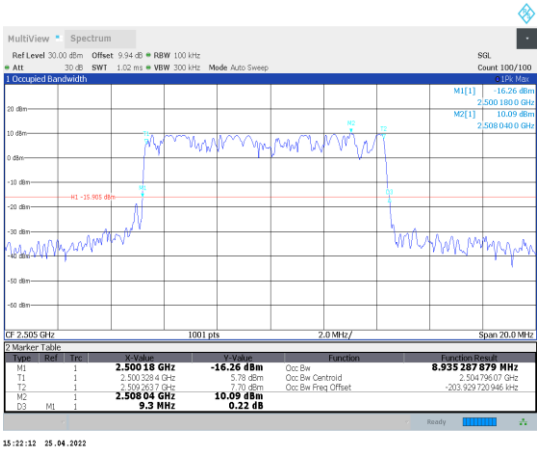

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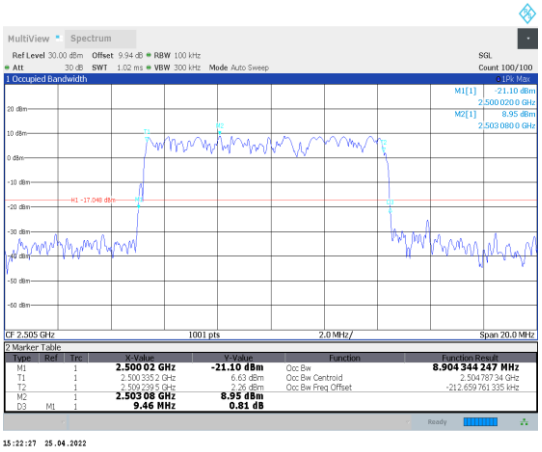

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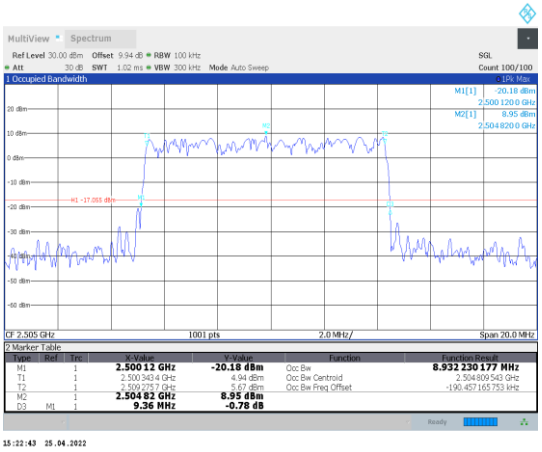

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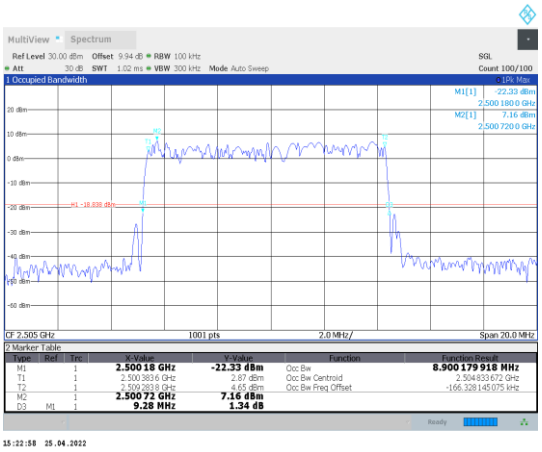

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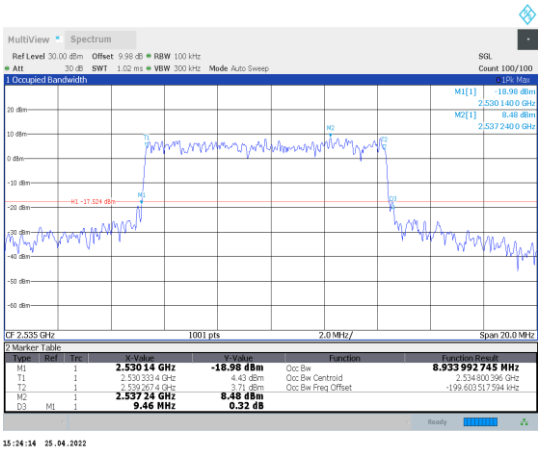

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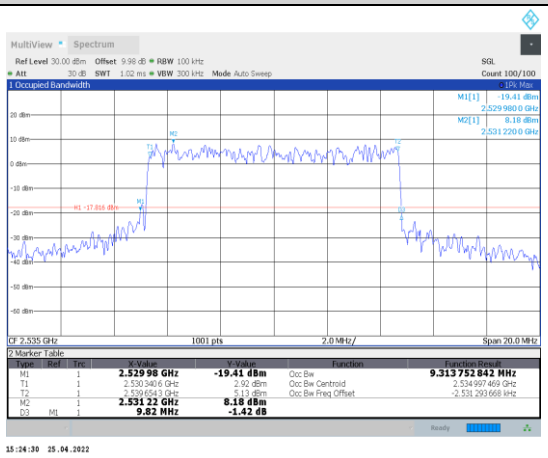

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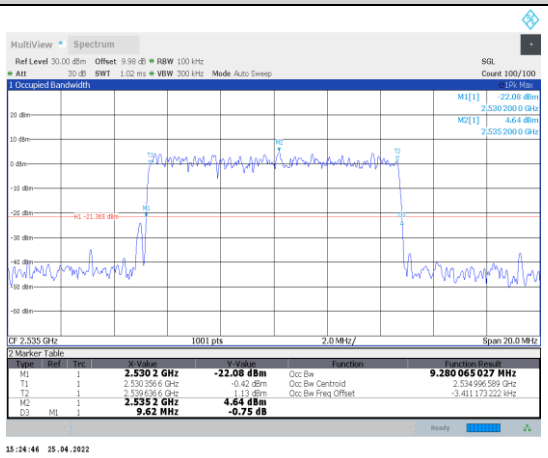

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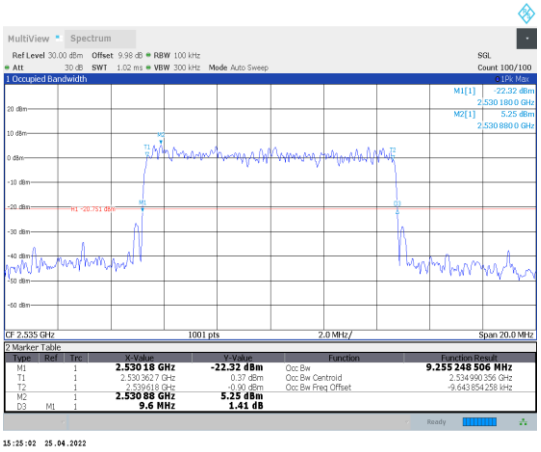

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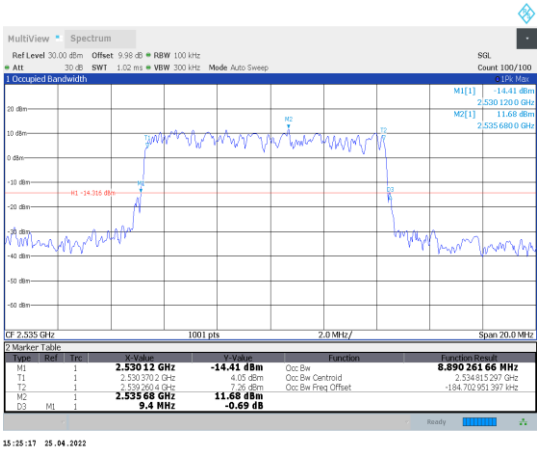

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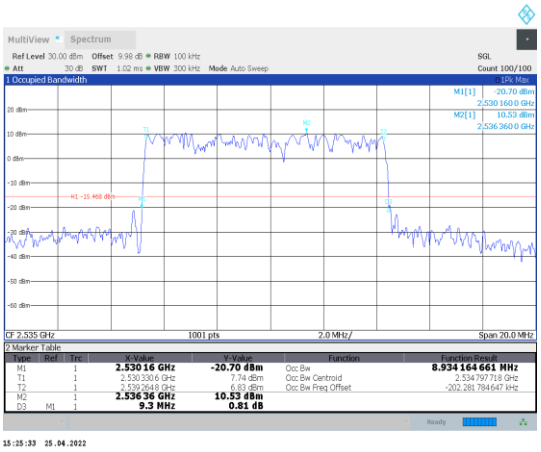

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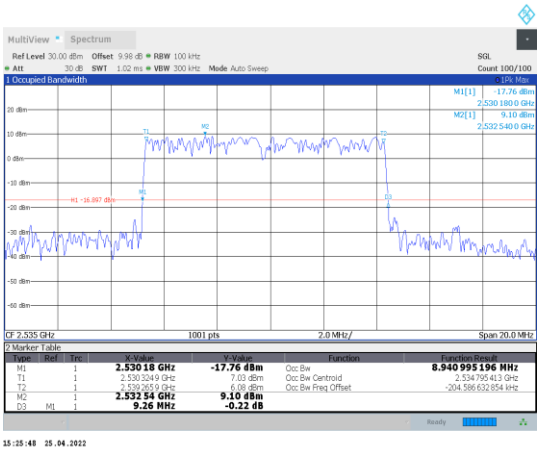

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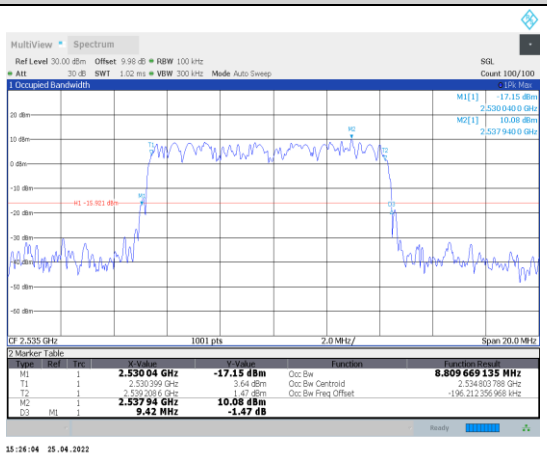

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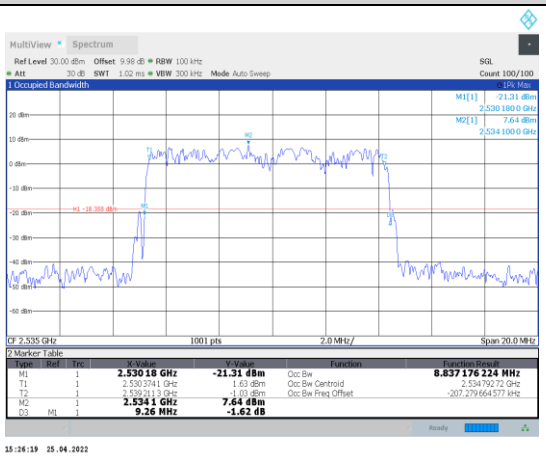

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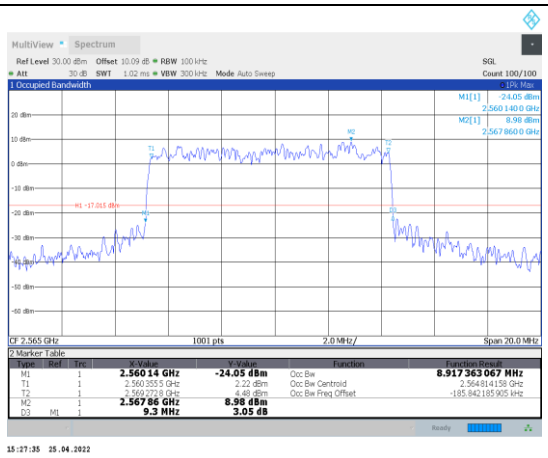

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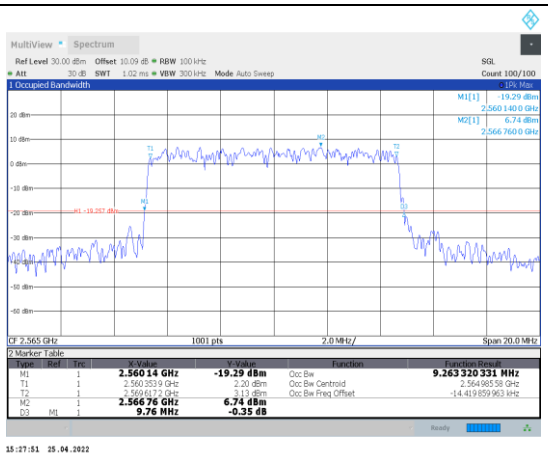

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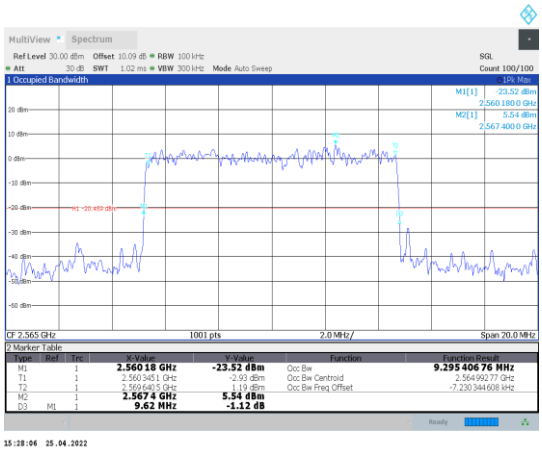

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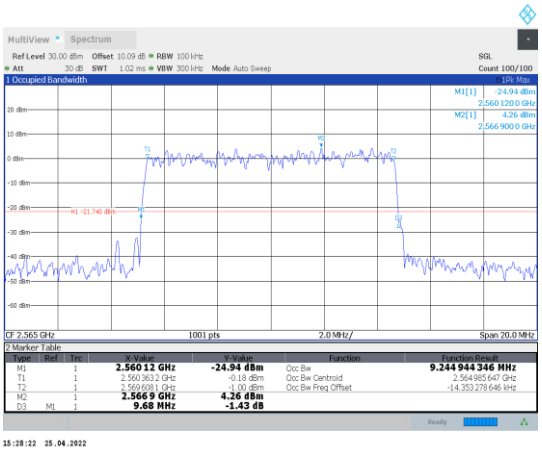

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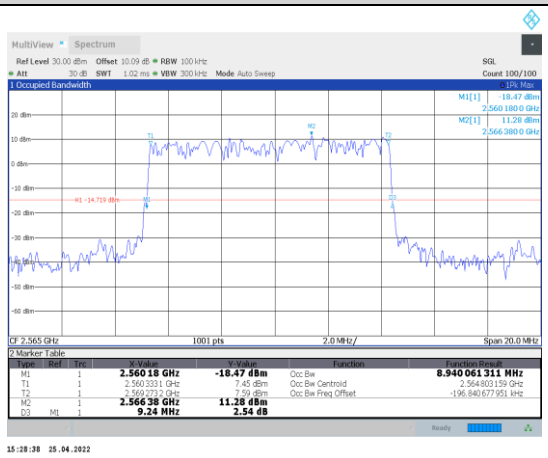

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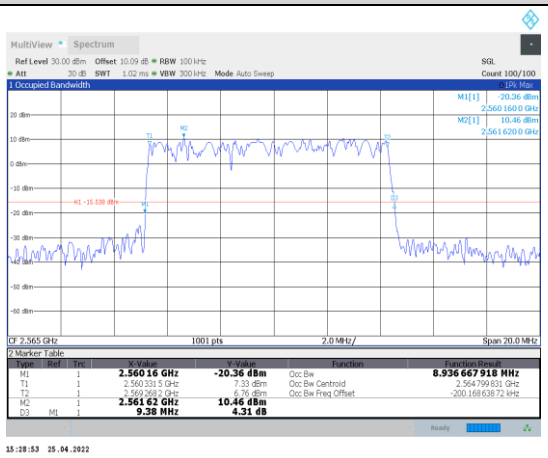

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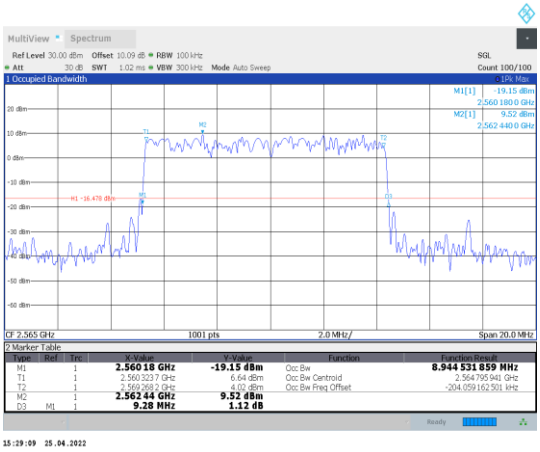
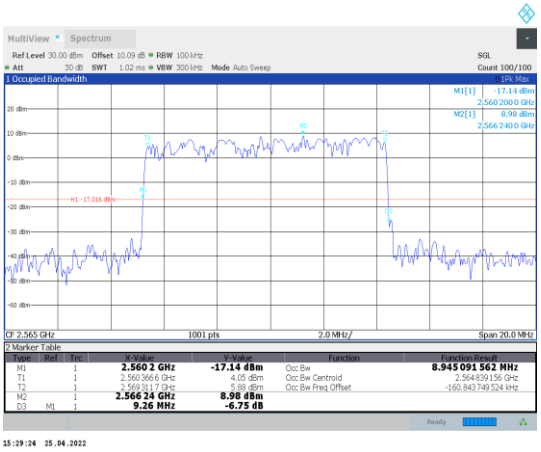
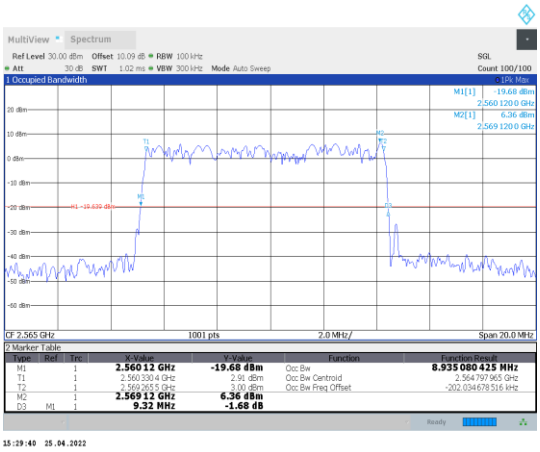
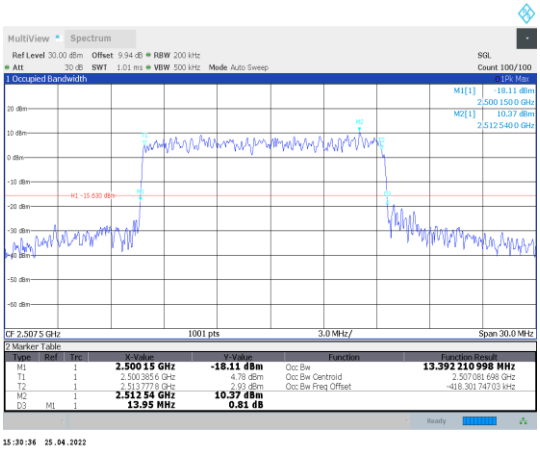
	
1-N7-PC3-15-10-H-7-DFT-16QAM-Outer_Full-50@0-Ant1-8.945-9.280-≤10-PASS	1-N7-PC3-15-10-H-8-DFT-64QAM-Outer_Full-50@0-Ant1-8.945-9.260-≤10-PASS
	-
1-N7-PC3-15-10-H-9-DFT-256QAM-Outer_Full-50@0-Ant1-8.935-9.320-≤10-PASS	-

Channel bandwidth=15MHz



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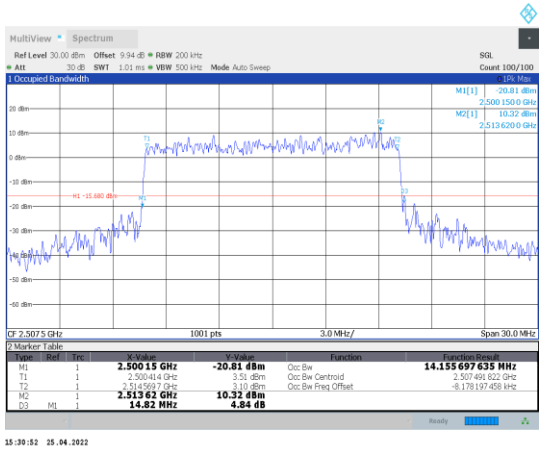

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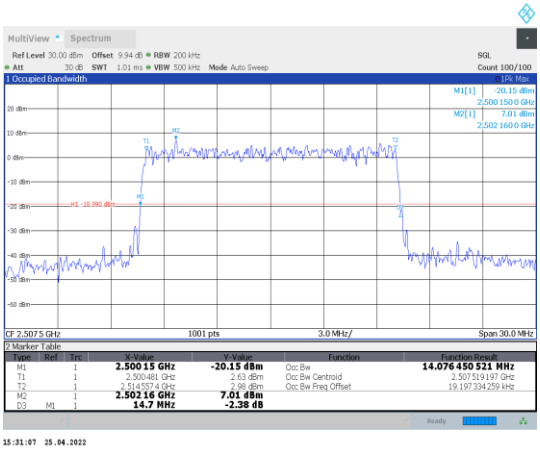

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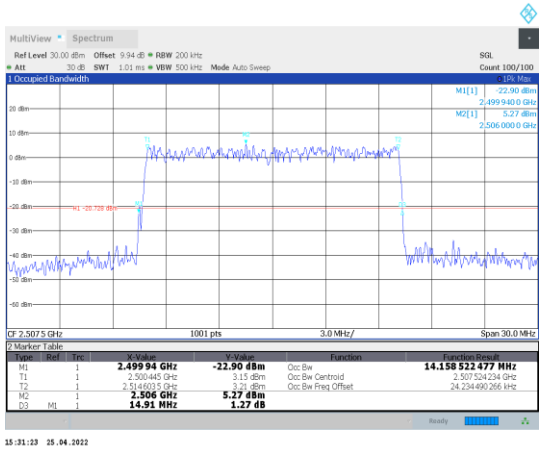

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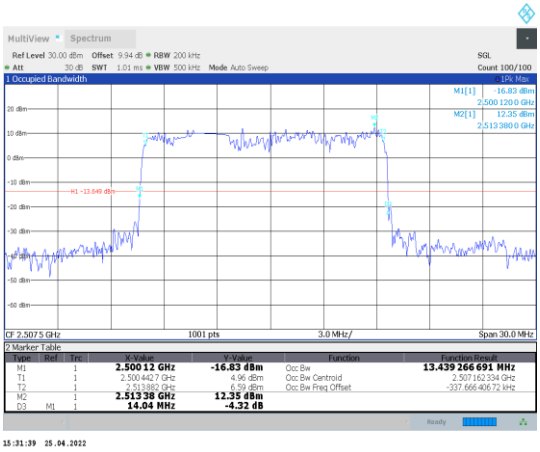

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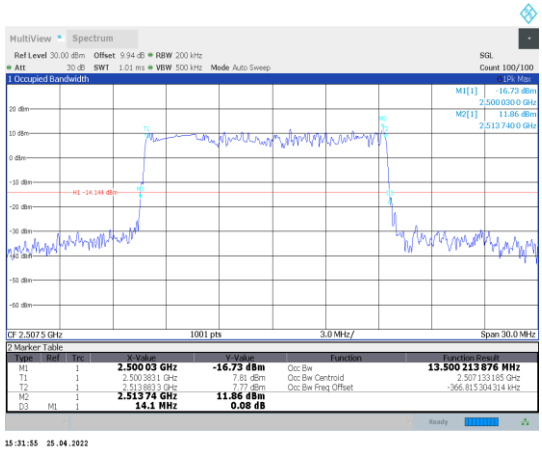

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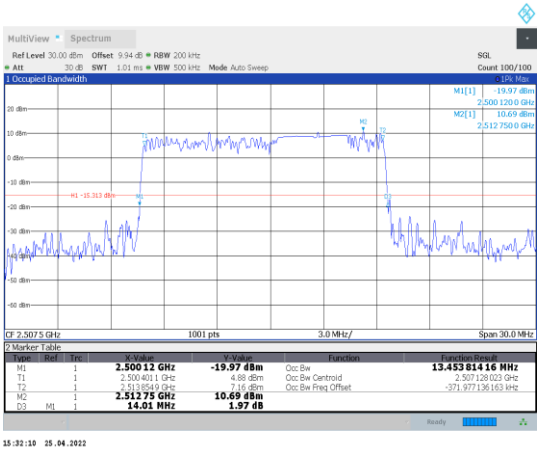

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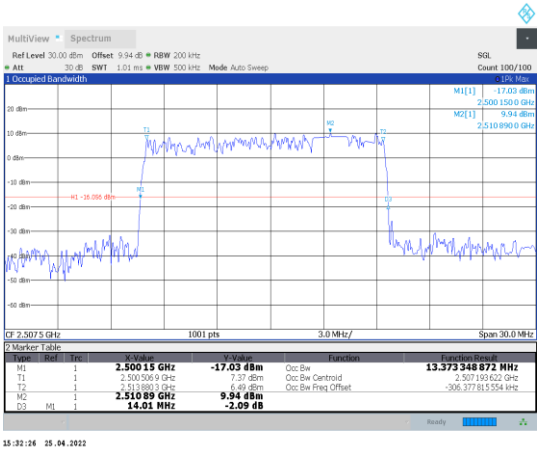

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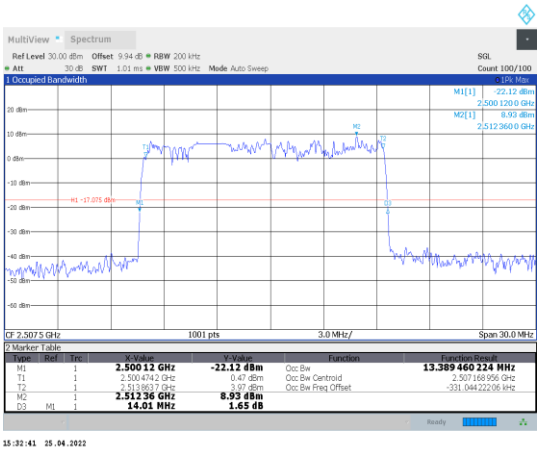

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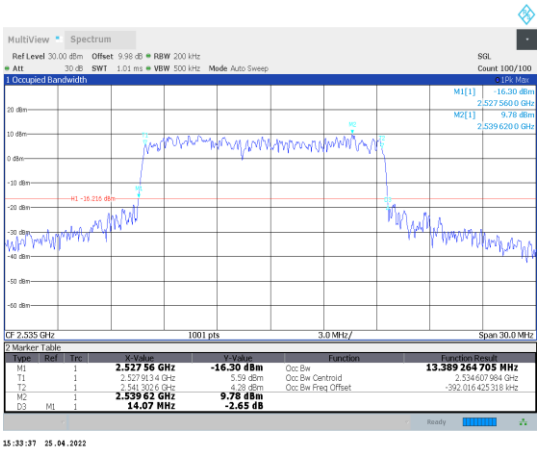

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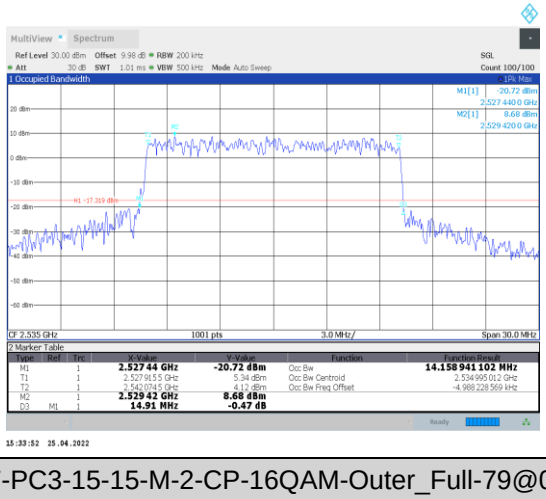

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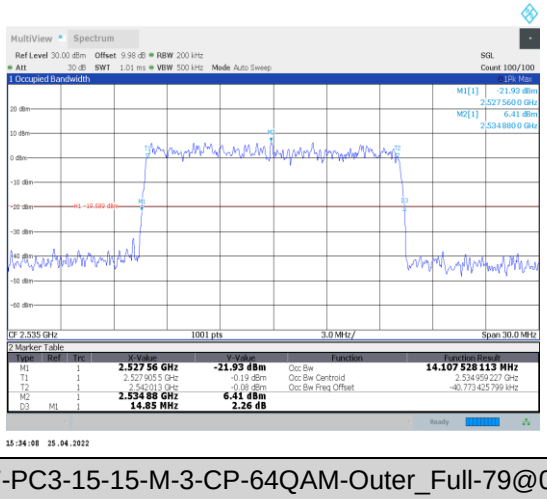

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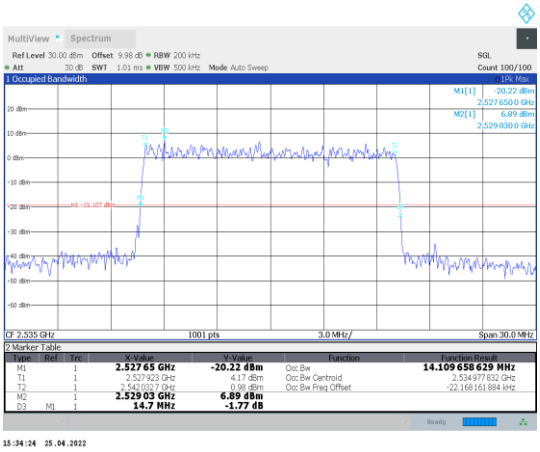
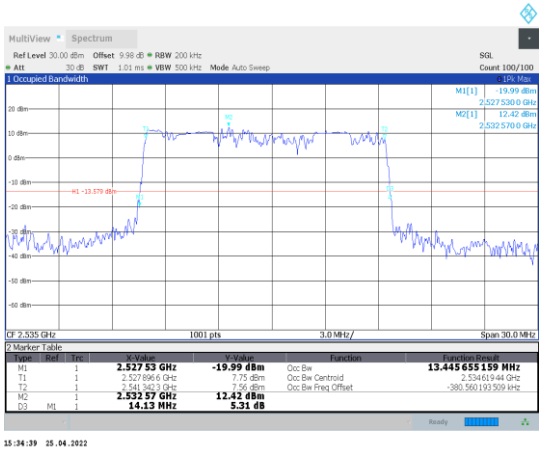


1-N7-PC3-15-15-M-4-CP-256QAM-Outer_Full-79@0-Ant1-14.11-14.700-≤15-PASS



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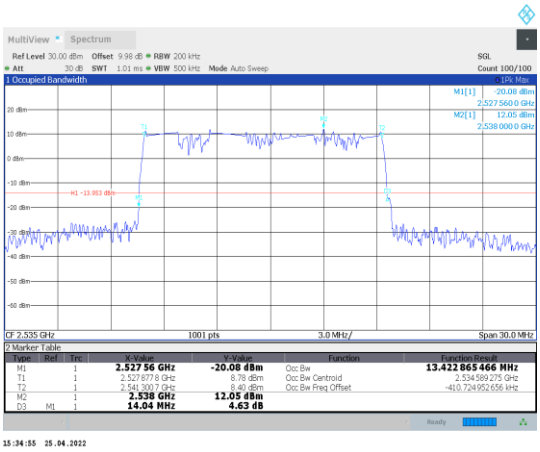
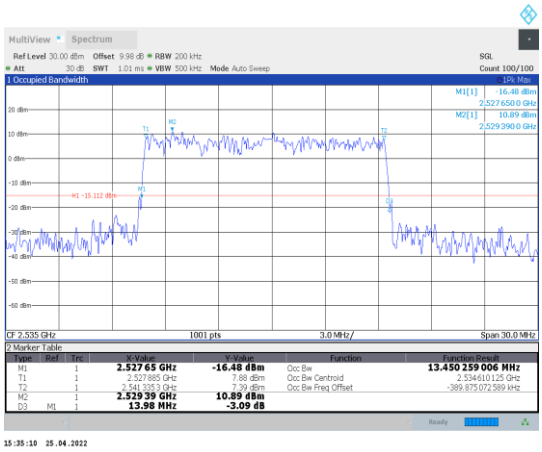


1-N7-PC3-15-15-M-6-DFT-QPSK-Outer_Full-75@0-Ant1-13.423-14.040-≤15-PASS



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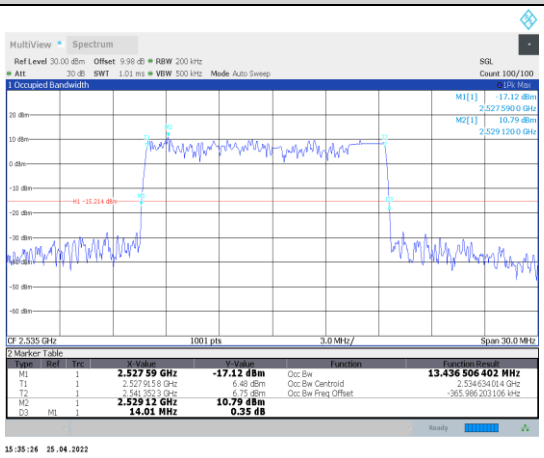

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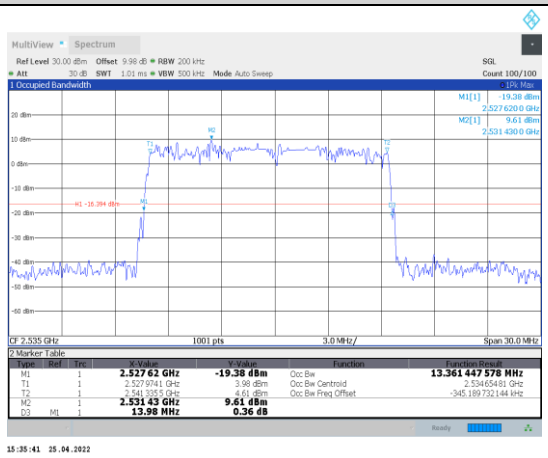

1-N7-PC3-15-15-M-9-DFT-256QAM-Outer_Full-75@0-Ant1-13.361-13.980-≤15-PASS