Appendix B.21

NR Band n41

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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Ant1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N41	30	20	DFT-QPSK	L	Inner_1RB_Left	23.39	24.63	33.00	PASS
N41	30	20	DFT-16QAM	L	Inner_1RB_Left	22.36	23.6	33.00	PASS
N41	30	20	DFT-QPSK	M	Inner_1RB_Left	23.39	24.63	33.00	PASS
N41	30	20	DFT-16QAM	M	Inner_1RB_Left	22.67	23.91	33.00	PASS
N41	30	20	DFT-QPSK	H	Inner_1RB_Left	23.32	24.56	33.00	PASS
N41	30	20	DFT-16QAM	H	Inner_1RB_Left	22.53	23.77	33.00	PASS
N41	30	30	DFT-QPSK	L	Inner_1RB_Left	23.37	24.61	33.00	PASS
N41	30	30	DFT-16QAM	L	Inner_1RB_Left	22.59	23.83	33.00	PASS
N41	30	30	DFT-QPSK	M	Inner_1RB_Left	23.41	24.65	33.00	PASS
N41	30	30	DFT-16QAM	M	Inner_1RB_Left	22.65	23.89	33.00	PASS
N41	30	30	DFT-QPSK	H	Inner_1RB_Left	23.35	24.59	33.00	PASS
N41	30	30	DFT-16QAM	H	Inner_1RB_Left	22.46	23.7	33.00	PASS
N41	30	40	DFT-QPSK	L	Inner_1RB_Left	23.47	24.71	33.00	PASS
N41	30	40	DFT-16QAM	L	Inner_1RB_Left	22.6	23.84	33.00	PASS
N41	30	40	DFT-QPSK	M	Inner_1RB_Left	23.46	24.7	33.00	PASS
N41	30	40	DFT-16QAM	M	Inner_1RB_Left	22.6	23.84	33.00	PASS
N41	30	40	DFT-QPSK	H	Inner_1RB_Left	23.11	24.35	33.00	PASS
N41	30	40	DFT-16QAM	H	Inner_1RB_Left	22.2	23.44	33.00	PASS
N41	30	50	DFT-QPSK	L	Inner_1RB_Left	23.4	24.64	33.00	PASS
N41	30	50	DFT-16QAM	L	Inner_1RB_Left	22.54	23.78	33.00	PASS
N41	30	50	DFT-QPSK	M	Inner_1RB_Left	23.32	24.56	33.00	PASS
N41	30	50	DFT-16QAM	M	Inner_1RB_Left	22.38	23.62	33.00	PASS
N41	30	50	DFT-QPSK	H	Inner_1RB_Left	22.65	23.89	33.00	PASS
N41	30	50	DFT-16QAM	H	Inner_1RB_Left	21.85	23.09	33.00	PASS
N41	30	60	DFT-QPSK	L	Inner_1RB_Left	23.31	24.55	33.00	PASS
N41	30	60	DFT-16QAM	L	Inner_1RB_Left	22.44	23.68	33.00	PASS
N41	30	60	DFT-QPSK	M	Inner_1RB_Left	23.34	24.58	33.00	PASS
N41	30	60	DFT-16QAM	M	Inner_1RB_Left	22.38	23.62	33.00	PASS
N41	30	60	DFT-QPSK	H	Inner_1RB_Left	22.76	24	33.00	PASS
N41	30	60	DFT-16QAM	H	Inner_1RB_Left	21.98	23.22	33.00	PASS

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N41	30	80	DFT-QPSK	L	Inner_1RB_Left	23.14	24.38	33.00	PASS
N41	30	80	DFT-16QAM	L	Inner_1RB_Left	22.38	23.62	33.00	PASS
N41	30	80	DFT-QPSK	M	Inner_1RB_Left	23.19	24.43	33.00	PASS
N41	30	80	DFT-16QAM	M	Inner_1RB_Left	22.42	23.66	33.00	PASS
N41	30	80	DFT-QPSK	H	Inner_1RB_Left	23.24	24.48	33.00	PASS
N41	30	80	DFT-16QAM	H	Inner_1RB_Left	22.31	23.55	33.00	PASS
N41	30	90	DFT-QPSK	L	Inner_1RB_Left	23.18	24.42	33.00	PASS
N41	30	90	DFT-16QAM	L	Inner_1RB_Left	22.55	23.79	33.00	PASS
N41	30	90	DFT-QPSK	M	Inner_1RB_Left	22.91	24.15	33.00	PASS
N41	30	90	DFT-16QAM	M	Inner_1RB_Left	22.09	23.33	33.00	PASS
N41	30	90	DFT-QPSK	H	Inner_1RB_Left	23.36	24.6	33.00	PASS
N41	30	90	DFT-16QAM	H	Inner_1RB_Left	22.51	23.75	33.00	PASS
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	23.13	24.37	33.00	PASS
N41	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	22.75	23.99	33.00	PASS
N41	30	100	DFT-PI2BPSK	L	Outer_Full	22.5	23.74	33.00	PASS
N41	30	100	DFT-QPSK	L	Inner_1RB_Left	23.32	24.56	33.00	PASS
N41	30	100	DFT-QPSK	L	Inner_1RB_Right	22.95	24.19	33.00	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	21.91	23.15	33.00	PASS
N41	30	100	DFT-16QAM	L	Inner_1RB_Left	22.28	23.52	33.00	PASS
N41	30	100	DFT-16QAM	L	Inner_1RB_Right	22.01	23.25	33.00	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	21.17	22.41	33.00	PASS
N41	30	100	DFT-64QAM	L	Inner_1RB_Left	20.48	21.72	33.00	PASS
N41	30	100	DFT-64QAM	L	Inner_1RB_Right	20.58	21.82	33.00	PASS
N41	30	100	DFT-64QAM	L	Outer_Full	20.41	21.65	33.00	PASS
N41	30	100	DFT-256QAM	L	Inner_1RB_Left	18.51	19.75	33.00	PASS
N41	30	100	DFT-256QAM	L	Inner_1RB_Right	18.31	19.55	33.00	PASS
N41	30	100	DFT-256QAM	L	Outer_Full	18.5	19.74	33.00	PASS
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	23.11	24.35	33.00	PASS
N41	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	23.18	24.42	33.00	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	22.94	24.18	33.00	PASS
N41	30	100	DFT-QPSK	M	Inner_1RB_Left	23.04	24.28	33.00	PASS
N41	30	100	DFT-QPSK	M	Inner_1RB_Right	23.28	24.52	33.00	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	22.36	23.6	33.00	PASS
N41	30	100	DFT-16QAM	M	Inner_1RB_Left	22.11	23.35	33.00	PASS
N41	30	100	DFT-16QAM	M	Inner_1RB_Right	22.3	23.54	33.00	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	21.49	22.73	33.00	PASS
N41	30	100	DFT-64QAM	M	Inner_1RB_Left	20.34	21.58	33.00	PASS

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N41	30	100	DFT-64QAM	M	Inner_1RB_Right	20.64	21.88	33.00	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	20.87	22.11	33.00	PASS
N41	30	100	DFT-256QAM	M	Inner_1RB_Left	18.41	19.65	33.00	PASS
N41	30	100	DFT-256QAM	M	Inner_1RB_Right	18.73	19.97	33.00	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	18.78	20.02	33.00	PASS
N41	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	23.25	24.49	33.00	PASS
N41	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	23.62	24.86	33.00	PASS
N41	30	100	DFT-PI2BPSK	H	Outer_Full	22.72	23.96	33.00	PASS
N41	30	100	DFT-QPSK	H	Inner_1RB_Left	23.36	24.6	33.00	PASS
N41	30	100	DFT-QPSK	H	Inner_1RB_Right	23.72	24.96	33.00	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	22.27	23.51	33.00	PASS
N41	30	100	DFT-16QAM	H	Inner_1RB_Left	22.61	23.85	33.00	PASS
N41	30	100	DFT-16QAM	H	Inner_1RB_Right	22.78	24.02	33.00	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	21.42	22.66	33.00	PASS
N41	30	100	DFT-64QAM	H	Inner_1RB_Left	20.86	22.1	33.00	PASS
N41	30	100	DFT-64QAM	H	Inner_1RB_Right	20.99	22.23	33.00	PASS
N41	30	100	DFT-64QAM	H	Outer_Full	20.7	21.94	33.00	PASS
N41	30	100	DFT-256QAM	H	Inner_1RB_Left	18.89	20.13	33.00	PASS
N41	30	100	DFT-256QAM	H	Inner_1RB_Right	19.05	20.29	33.00	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	18.85	20.09	33.00	PASS

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Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N41	30	100	DFT-256QAM	L	Outer_Full	6.59	≤13	PASS
N41	30	100	CP-256QAM	L	Outer_Full	6.61	≤13	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	6.61	≤13	PASS
N41	30	100	CP-256QAM	M	Outer_Full	6.56	≤13	PASS
N41	30	100	DFT-256QAM	H	Outer_Full	6.57	≤13	PASS
N41	30	100	CP-256QAM	H	Outer_Full	6.59	≤13	PASS

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Test Graphs

1-N41-30-100-L-1-DFT-256QAM-Outer_Full-270@0-Ant1-6.59-PASS-≤13	1-N41-30-100-L-2-CP-256QAM-Outer_Full-273@0-Ant1-6.61-PASS-≤13
1-N41-30-100-M-1-DFT-256QAM-Outer_Full-270@0-Ant1-6.61-PASS-≤13	1-N41-30-100-M-2-CP-256QAM-Outer_Full-273@0-Ant1-6.56-PASS-≤13

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1-N41-30-100-H-1-DFT-256QAM-Outer_Full-270@0-Ant1-6.57-PASS-≤13	1-N41-30-100-H-2-CP-256QAM-Outer_Full-273@0-Ant1-6.59-PASS-≤13

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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N41	30	20	DFT-QPSK	M	Outer_Full	17.815	18.840	PASS
N41	30	20	DFT-PI2BPSK	M	Outer_Full	17.777	18.840	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	17.82	18.520	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	17.823	18.640	PASS
N41	30	20	DFT-256QAM	M	Outer_Full	17.758	18.680	PASS
N41	30	20	CP-QPSK	M	Outer_Full	18.192	19.160	PASS
N41	30	20	CP-16QAM	M	Outer_Full	18.144	19.160	PASS
N41	30	20	CP-64QAM	M	Outer_Full	18.136	19.320	PASS
N41	30	20	CP-256QAM	M	Outer_Full	18.187	19.200	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	26.735	28.020	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.672	28.020	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	26.76	28.200	PASS
N41	30	30	DFT-64QAM	M	Outer_Full	26.78	27.720	PASS
N41	30	30	DFT-256QAM	M	Outer_Full	26.828	28.320	PASS
N41	30	30	CP-QPSK	M	Outer_Full	27.796	29.220	PASS
N41	30	30	CP-16QAM	M	Outer_Full	27.791	29.220	PASS
N41	30	30	CP-64QAM	M	Outer_Full	27.769	29.340	PASS
N41	30	30	CP-256QAM	M	Outer_Full	27.897	29.160	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	35.687	37.200	PASS
N41	30	40	DFT-PI2BPSK	M	Outer_Full	35.574	37.200	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	35.704	37.280	PASS
N41	30	40	DFT-64QAM	M	Outer_Full	35.674	37.200	PASS
N41	30	40	DFT-256QAM	M	Outer_Full	35.666	37.280	PASS
N41	30	40	CP-QPSK	M	Outer_Full	37.751	39.520	PASS
N41	30	40	CP-16QAM	M	Outer_Full	37.742	39.600	PASS
N41	30	40	CP-64QAM	M	Outer_Full	37.7	39.520	PASS
N41	30	40	CP-256QAM	M	Outer_Full	37.768	39.280	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	45.687	47.500	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	45.72	47.700	PASS

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N41	30	50	DFT-16QAM	M	Outer_Full	45.599	47.400	PASS
N41	30	50	DFT-64QAM	M	Outer_Full	45.71	47.400	PASS
N41	30	50	DFT-256QAM	M	Outer_Full	45.61	47.300	PASS
N41	30	50	CP-QPSK	M	Outer_Full	47.465	49.500	PASS
N41	30	50	CP-16QAM	M	Outer_Full	47.507	49.200	PASS
N41	30	50	CP-64QAM	M	Outer_Full	47.31	49.200	PASS
N41	30	50	CP-256QAM	M	Outer_Full	47.393	49.400	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	57.778	59.760	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	57.809	59.760	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	57.726	59.880	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	57.808	59.640	PASS
N41	30	60	DFT-256QAM	M	Outer_Full	57.703	59.760	PASS
N41	30	60	CP-QPSK	M	Outer_Full	57.587	59.640	PASS
N41	30	60	CP-16QAM	M	Outer_Full	57.654	59.760	PASS
N41	30	60	CP-64QAM	M	Outer_Full	57.6	59.640	PASS
N41	30	60	CP-256QAM	M	Outer_Full	57.514	59.640	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	76.895	80.160	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	76.879	80.320	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	76.956	80.320	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	77.044	80.320	PASS
N41	30	80	DFT-256QAM	M	Outer_Full	76.946	80.320	PASS
N41	30	80	CP-QPSK	M	Outer_Full	77.372	80.320	PASS
N41	30	80	CP-16QAM	M	Outer_Full	77.226	80.800	PASS
N41	30	80	CP-64QAM	M	Outer_Full	77.425	80.480	PASS
N41	30	80	CP-256QAM	M	Outer_Full	77.289	80.640	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	85.51	88.740	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	85.287	88.740	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	85.39	89.100	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	85.243	88.920	PASS
N41	30	90	DFT-256QAM	M	Outer_Full	85.555	89.100	PASS
N41	30	90	CP-QPSK	M	Outer_Full	87.331	90.720	PASS
N41	30	90	CP-16QAM	M	Outer_Full	87.054	90.540	PASS
N41	30	90	CP-64QAM	M	Outer_Full	86.873	90.720	PASS
N41	30	90	CP-256QAM	M	Outer_Full	87.329	90.720	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	96.045	99.600	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	96.204	99.800	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	96.107	99.800	PASS

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N41	30	100	DFT-64QAM	M	Outer_Full	95.962	99.800	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	96.214	99.800	PASS
N41	30	100	CP-QPSK	M	Outer_Full	97.096	101.000	PASS
N41	30	100	CP-16QAM	M	Outer_Full	97.371	100.800	PASS
N41	30	100	CP-64QAM	M	Outer_Full	97.167	100.800	PASS
N41	30	100	CP-256QAM	M	Outer_Full	97.151	100.600	PASS

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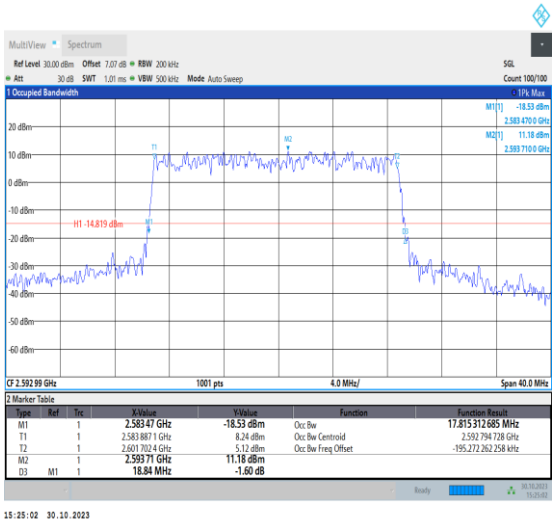
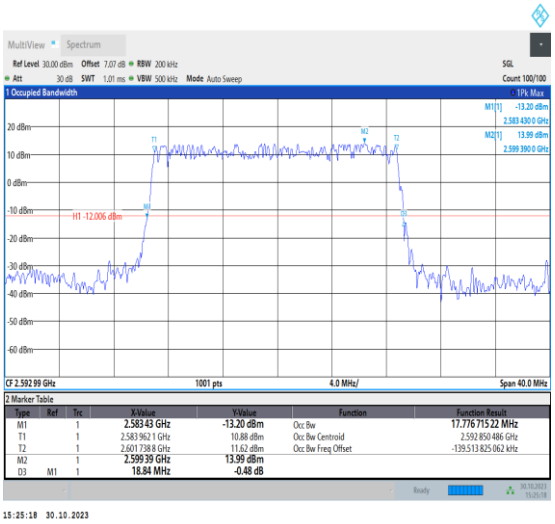
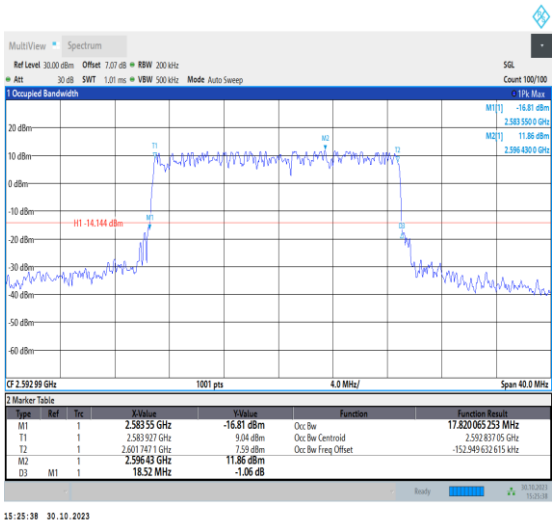
Test Graphs



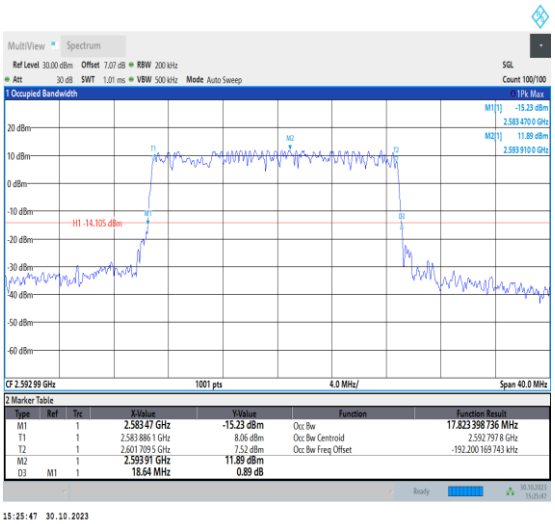
1-N41-30-20-M-1-DFT-QPSK-Outer_Full-50@0-Ant1-17.815-18.840-≤20-PASS



1-N41-30-20-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-17.777-18.840-≤20-PASS



1-N41-30-20-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-17.82-18.520-≤20-PASS



1-N41-30-20-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-17.823-18.640-≤20-PASS

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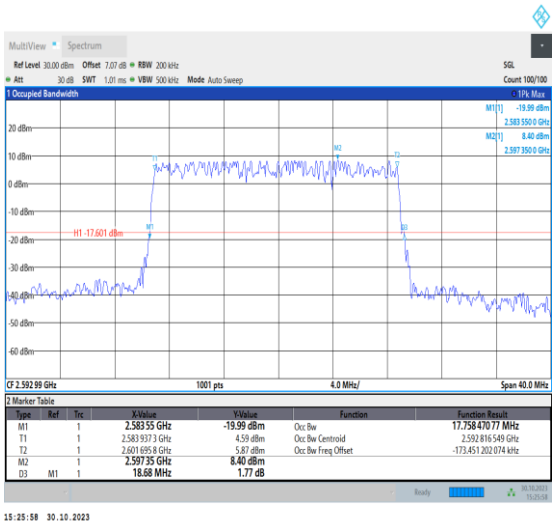
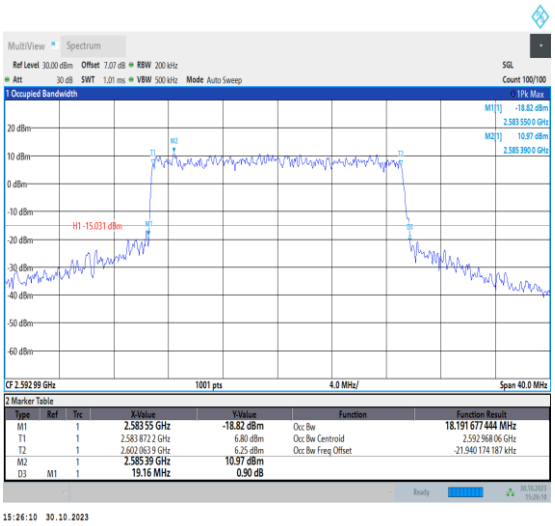
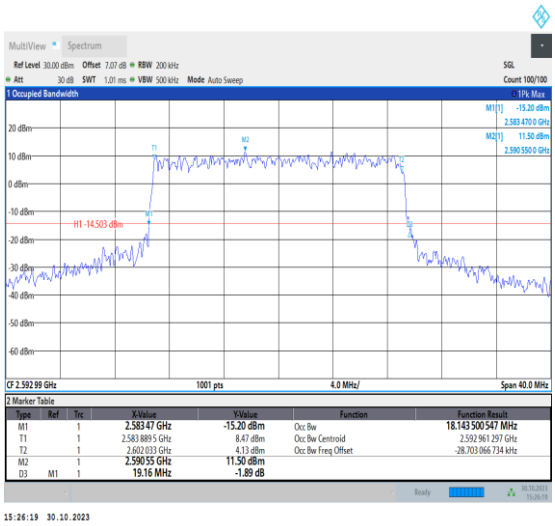


1-N41-30-20-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-17.758-18.680-≤20-PASS



1-N41-30-20-M-6-CP-QPSK-Outer_Full-51@0-Ant1-18.192-19.160-≤20-PASS



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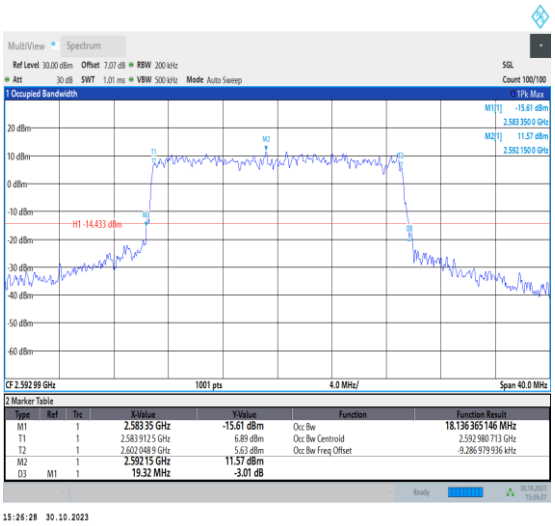

1-N41-30-20-M-8-CP-64QAM-Outer_Full-51@0-Ant1-18.136-19.320-≤20-PASS

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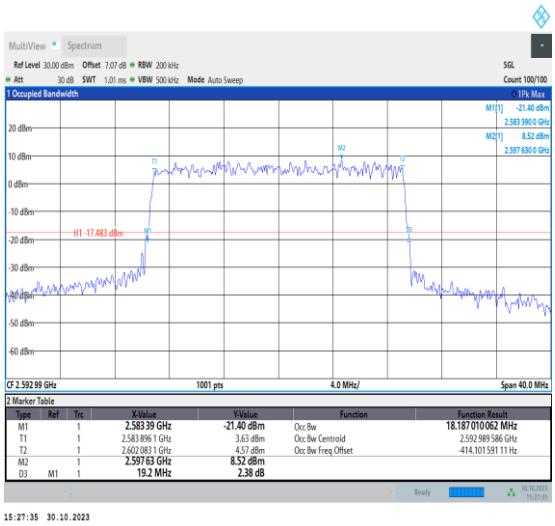
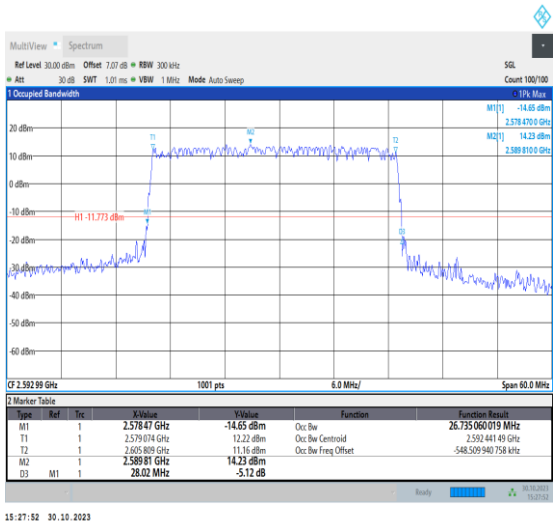
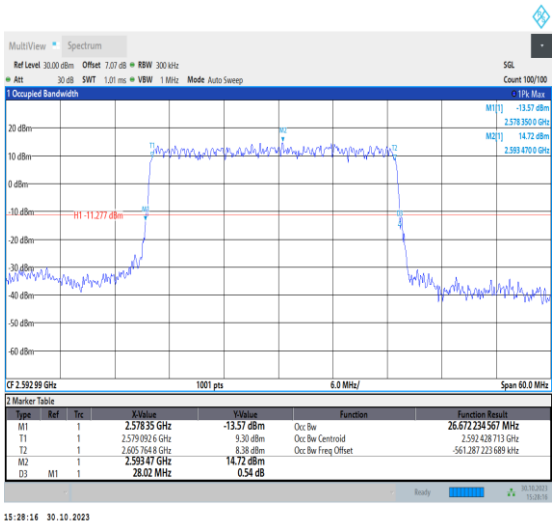


1-N41-30-20-M-9-CP-256QAM-Outer_Full-51@0-Ant1-18.187-19.200-≤20-PASS



1-N41-30-30-M-1-DFT-QPSK-Outer_Full-75@0-Ant1-26.735-28.020-≤30-PASS



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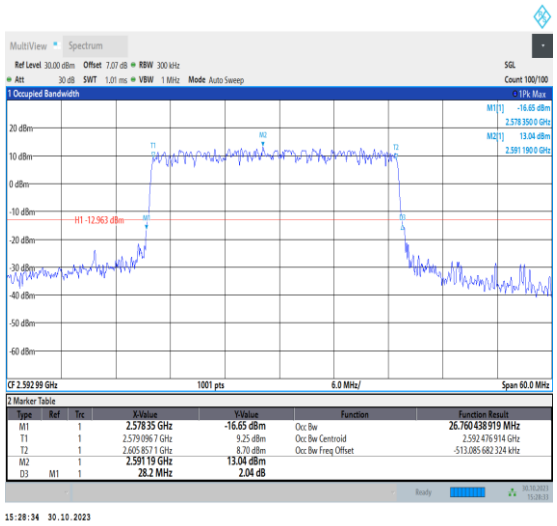

1-N41-30-30-M-3-DFT-16QAM-Outer_Full-75@0-Ant1-26.76-28.200-≤30-PASS

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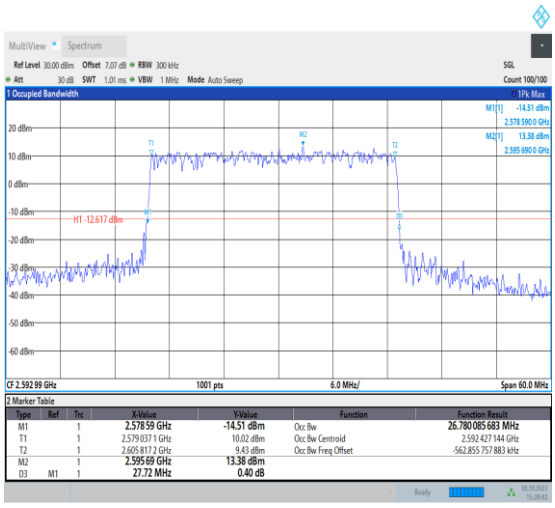
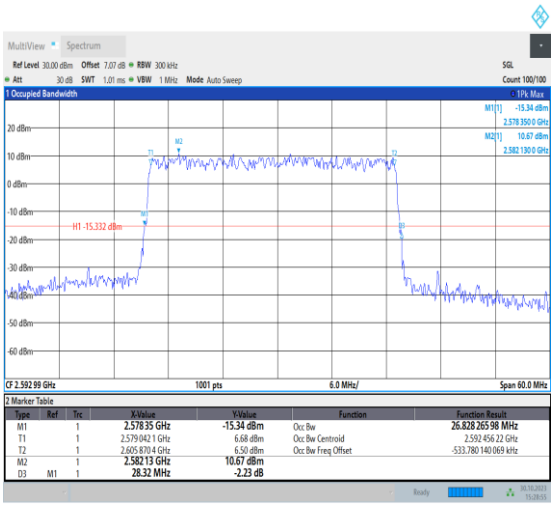
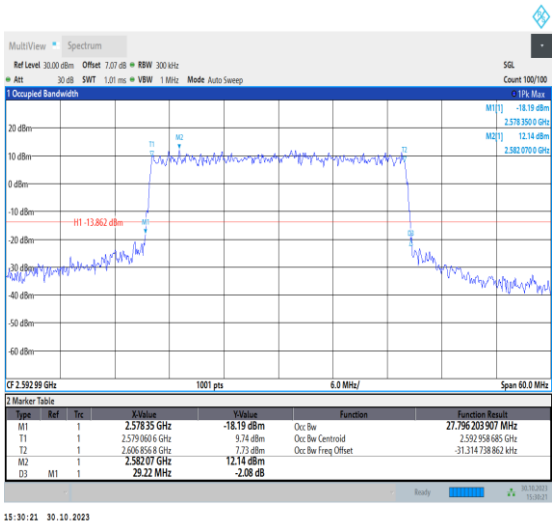


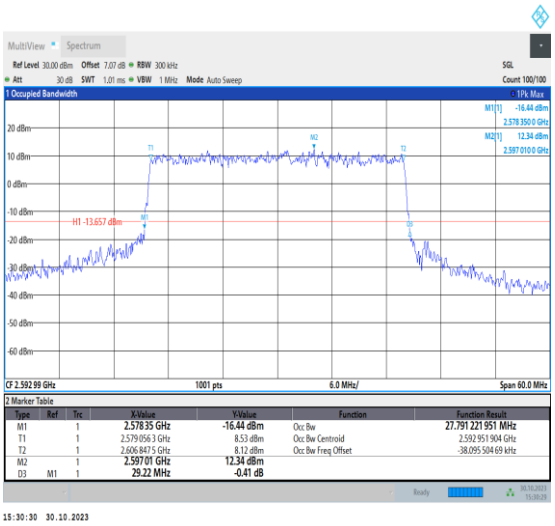
1-N41-30-30-M-4-DFT-64QAM-Outer_Full-75@0-Ant1-26.78-27.720-≤30-PASS



1-N41-30-30-M-5-DFT-256QAM-Outer_Full-75@0-Ant1-26.828-28.320-≤30-PASS



1-N41-30-30-M-6-CP-QPSK-Outer_Full-78@0-Ant1-27.796-29.220-≤30-PASS



1-N41-30-30-M-7-CP-16QAM-Outer_Full-78@0-Ant1-27.791-29.220-≤30-PASS

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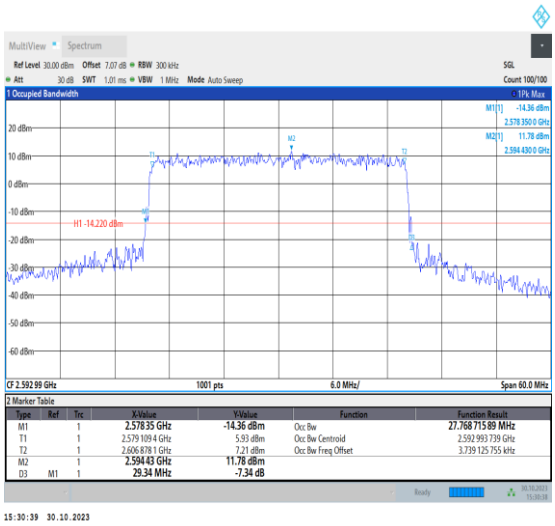

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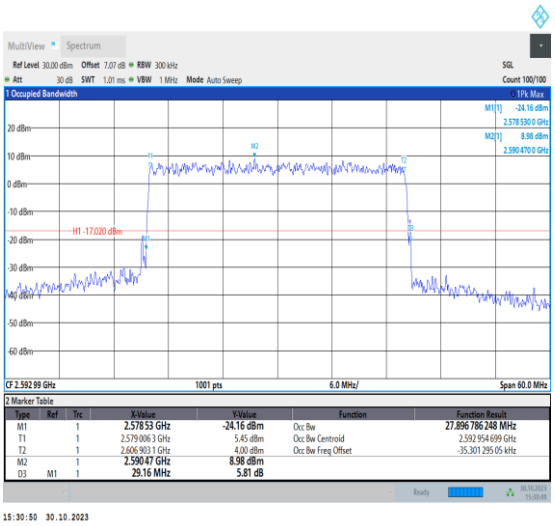
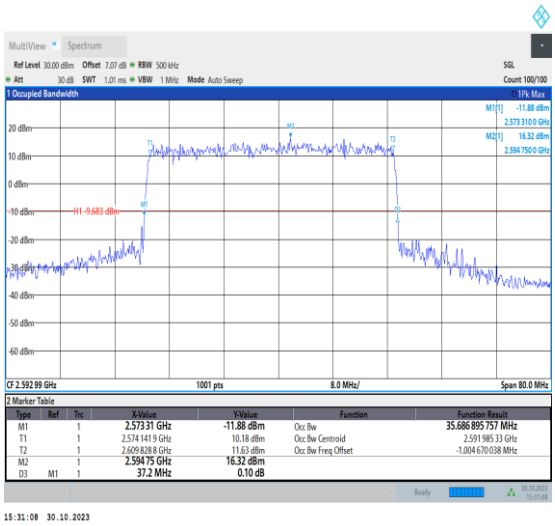


1-N41-30-30-M-9-CP-256QAM-Outer_Full-78@0-Ant1-27.897-29.160-≤30-PASS



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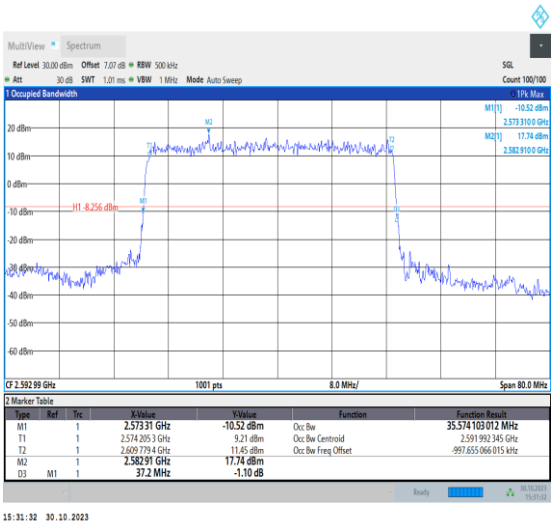

1-N41-30-40-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-35.574-37.200-≤40-PASS

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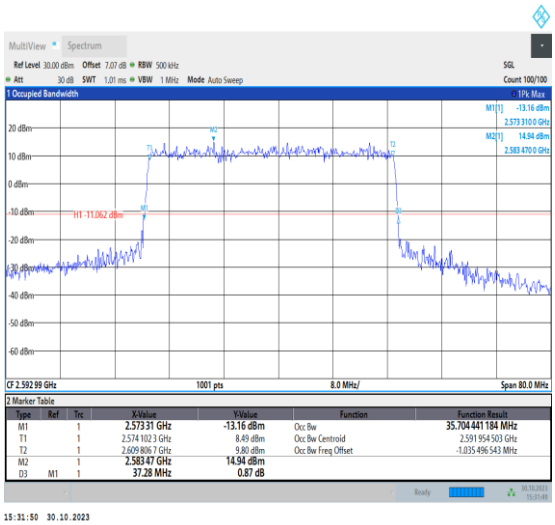
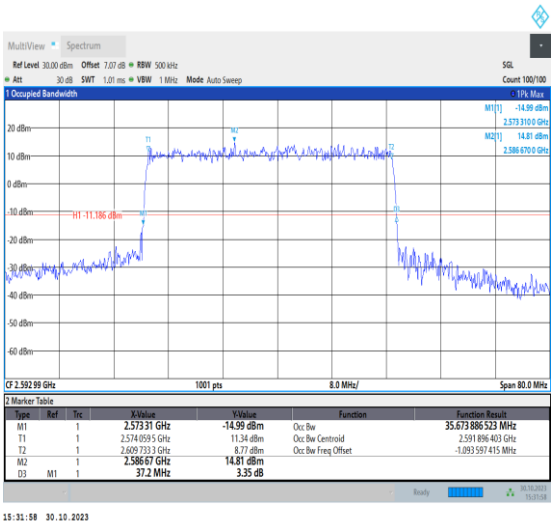
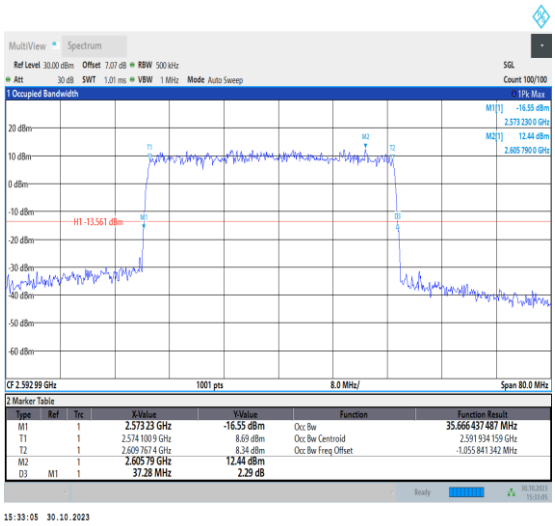


1-N41-30-40-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-35.704-37.280-≤40-PASS



1-N41-30-40-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-35.674-37.200-≤40-PASS



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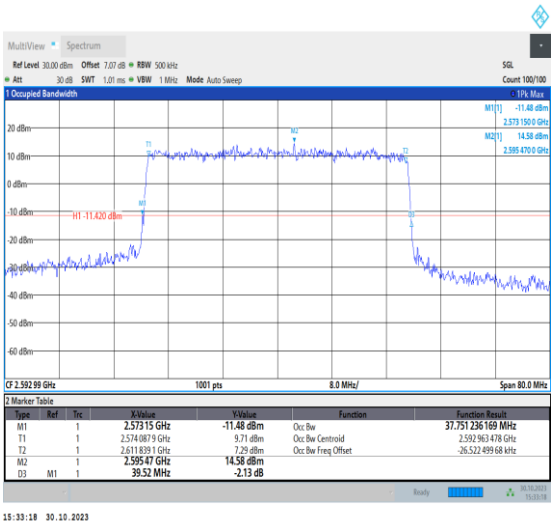

1-N41-30-40-M-6-CP-QPSK-Outer_Full-106@0-Ant1-37.751-39.520-≤40-PASS

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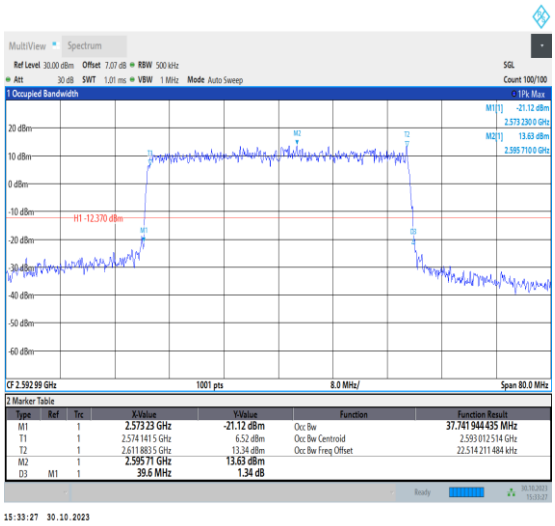

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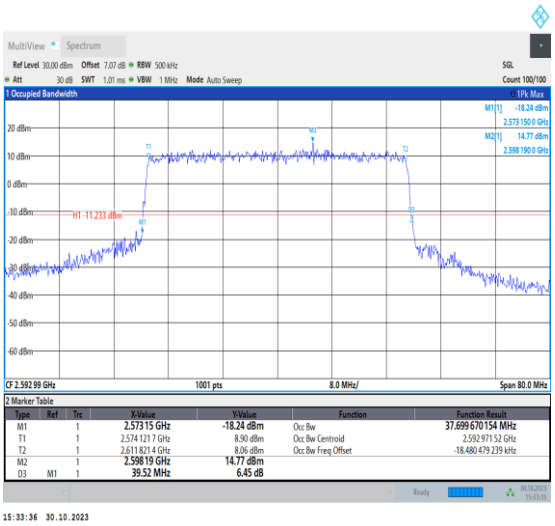

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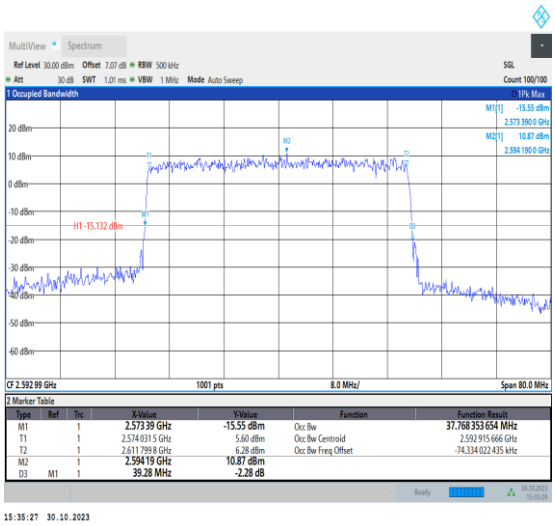
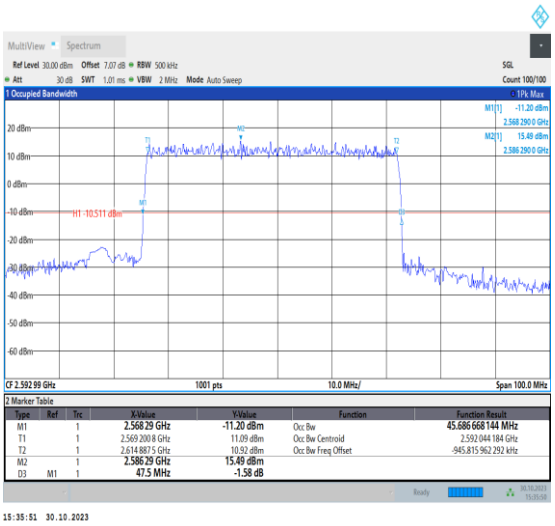


1-N41-30-40-M-9-CP-256QAM-Outer_Full-106@0-Ant1-37.768-39.280-≤40-PASS



1-N41-30-50-M-1-DFT-QPSK-Outer_Full-128@0-Ant1-45.687-47.500-≤50-PASS

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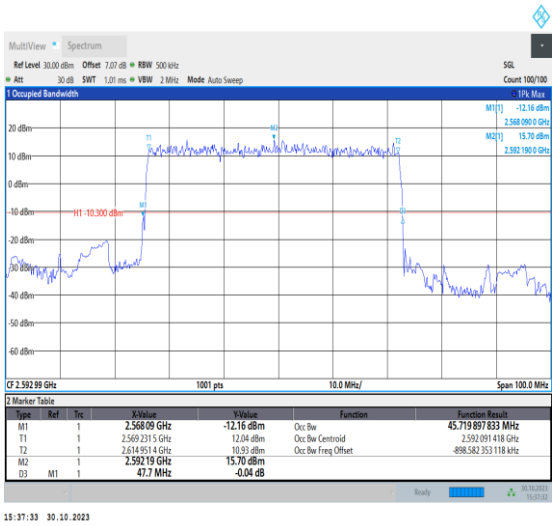
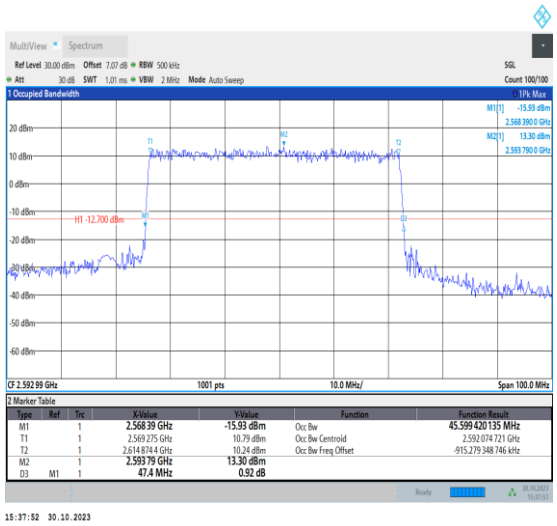


1-N41-30-50-M-2-DFT-PI2BPSK-Outer_Full-128@0-Ant1-45.72-47.700-≤50-PASS



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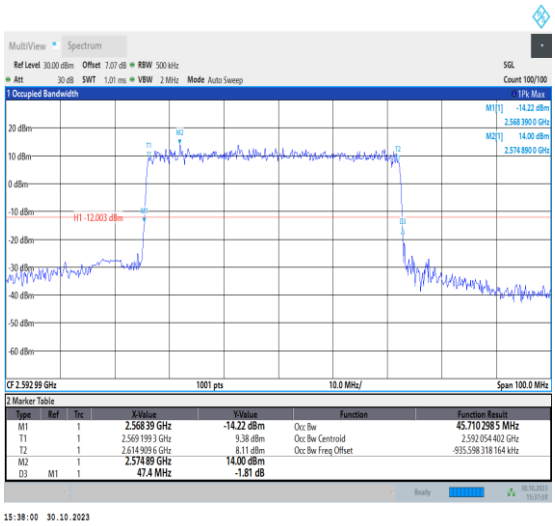

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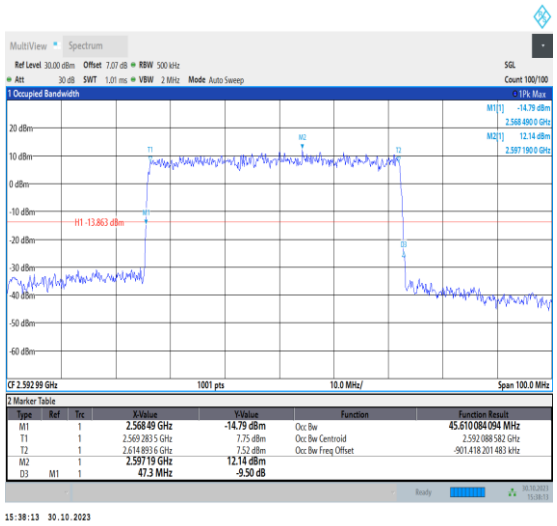

1-N41-30-50-M-5-DFT-256QAM-Outer_Full-128@0-Ant1-45.61-47.300-≤50-PASS

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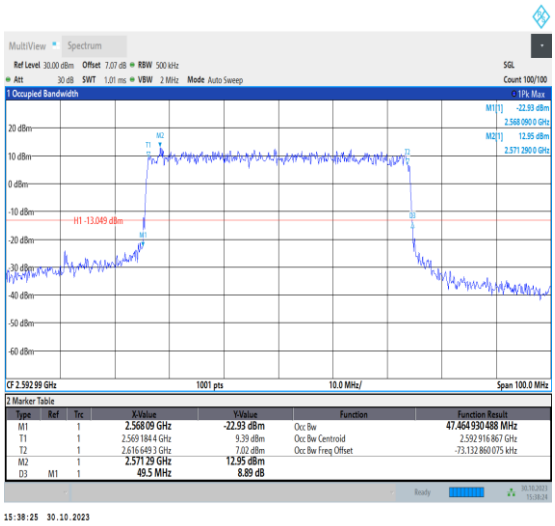

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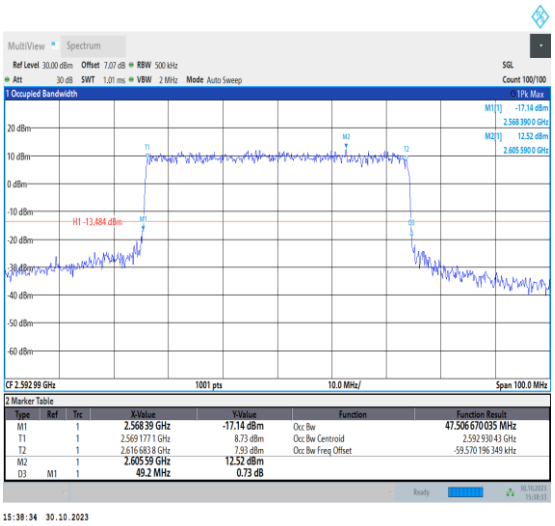

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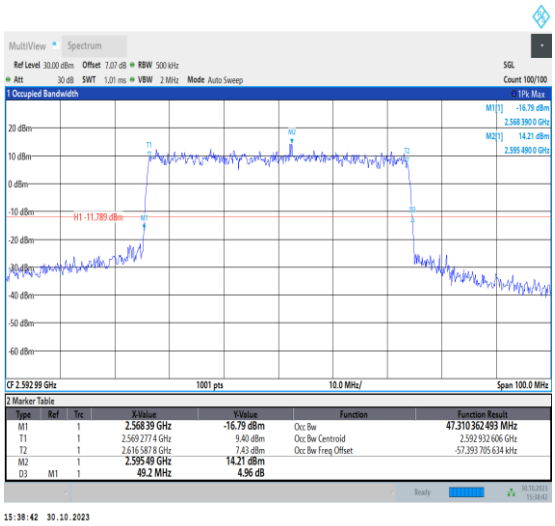

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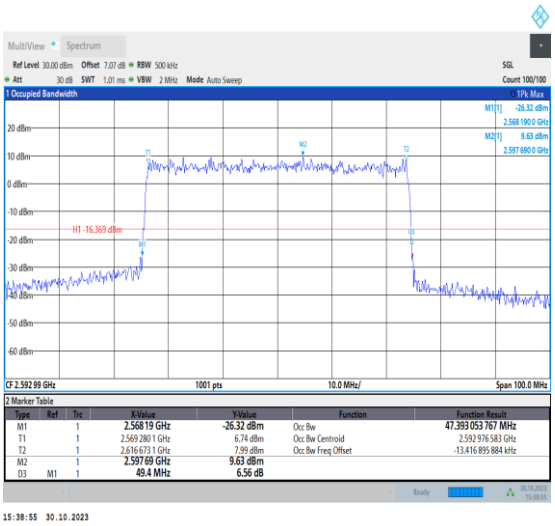

1-N41-30-50-M-9-CP-256QAM-Outer_Full-133@0-Ant1-47.393-49.400-≤50-PASS

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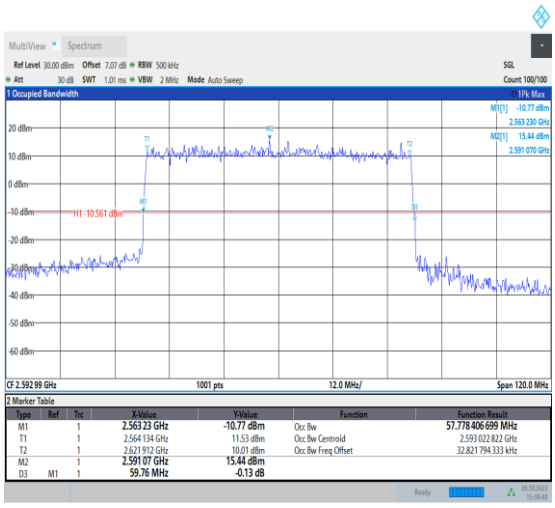
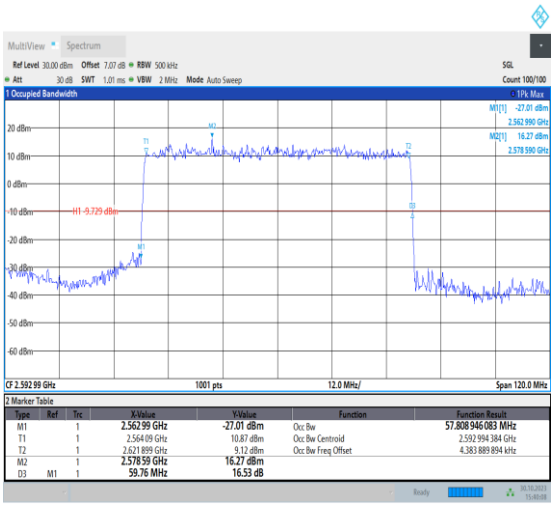


1-N41-30-60-M-1-DFT-QPSK-Outer_Full-162@0-Ant1-57.778-59.760-≤60-PASS



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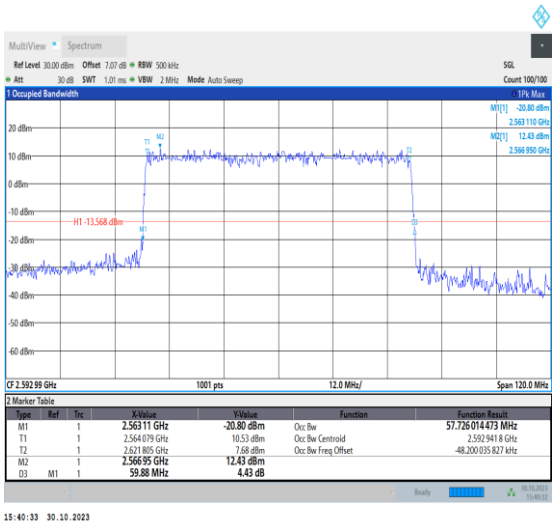

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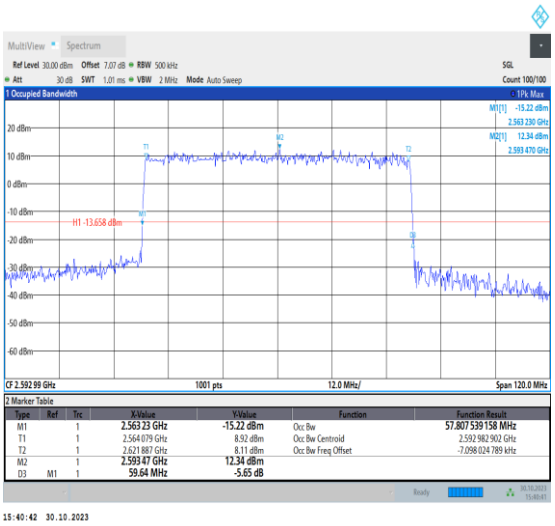

1-N41-30-60-M-4-DFT-64QAM-Outer_Full-162@0-Ant1-57.808-59.640-≤60-PASS

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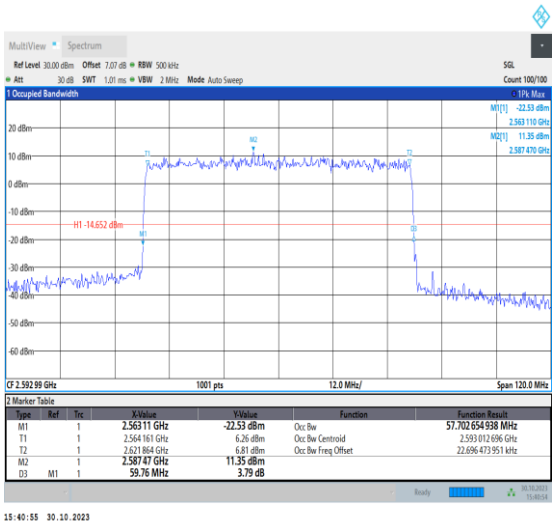

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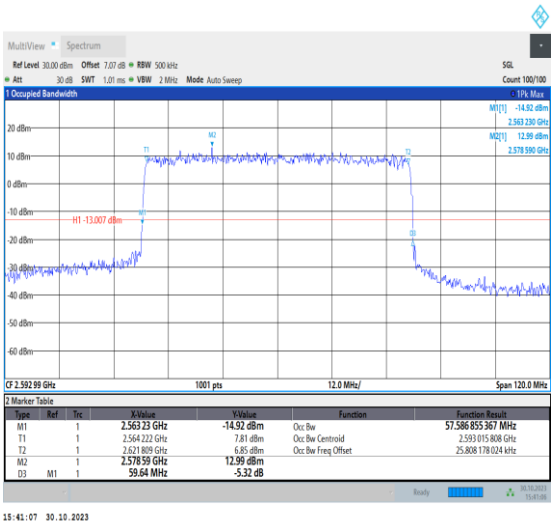

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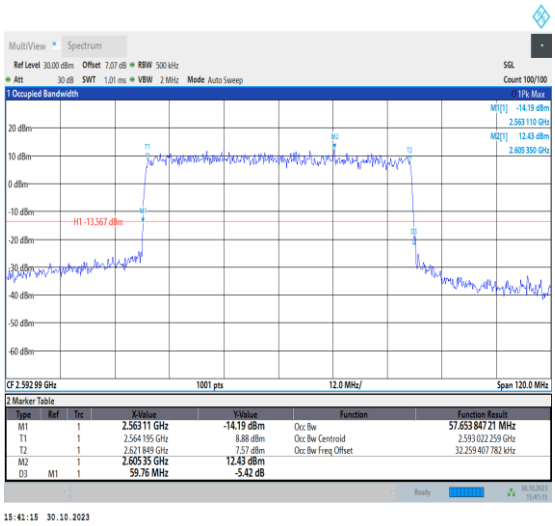

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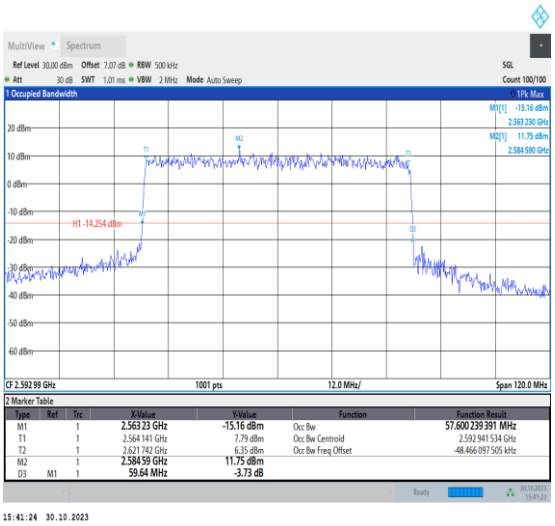

1-N41-30-60-M-8-CP-64QAM-Outer_Full-162@0-Ant1-57.6-59.640-≤60-PASS

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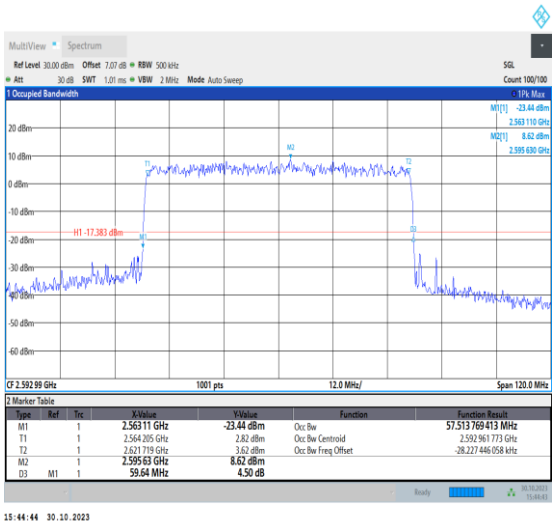

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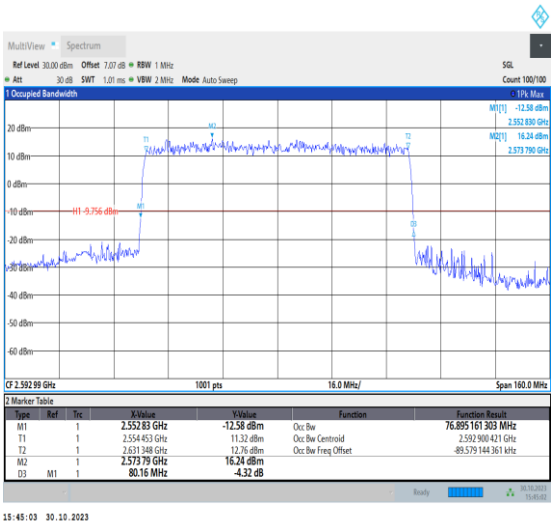

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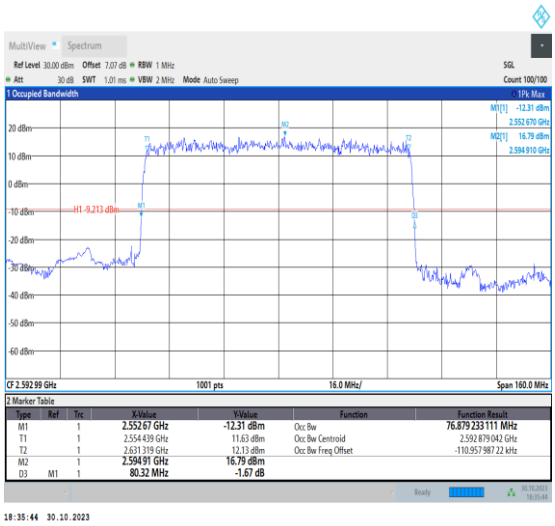

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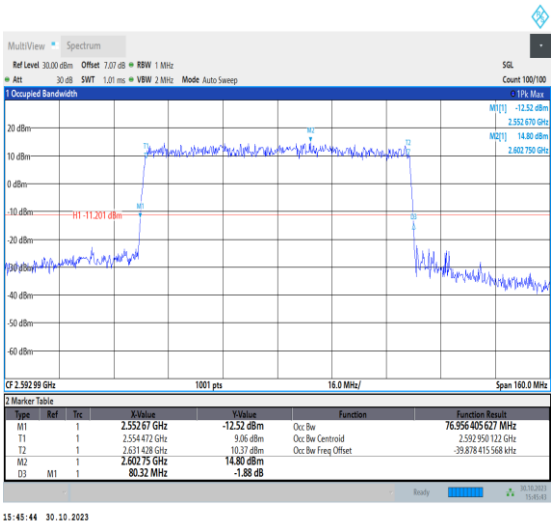

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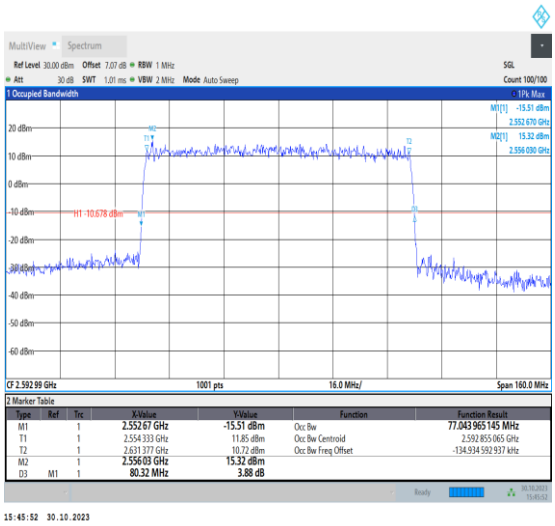

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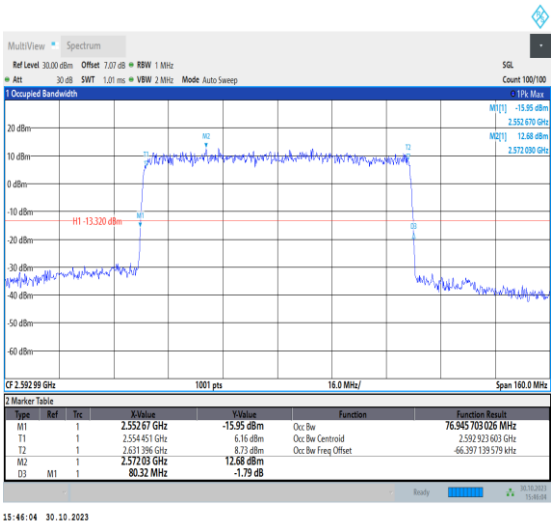

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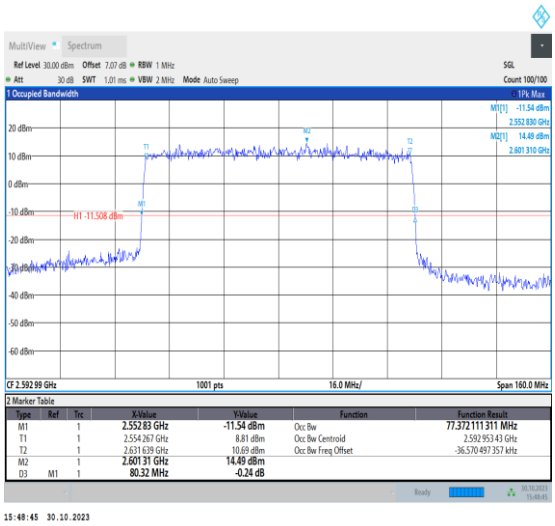

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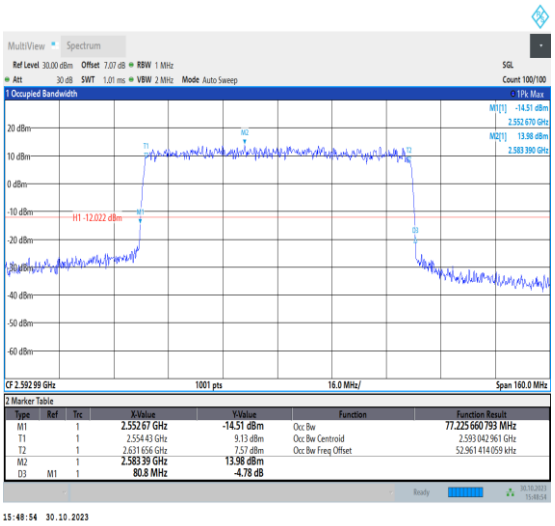

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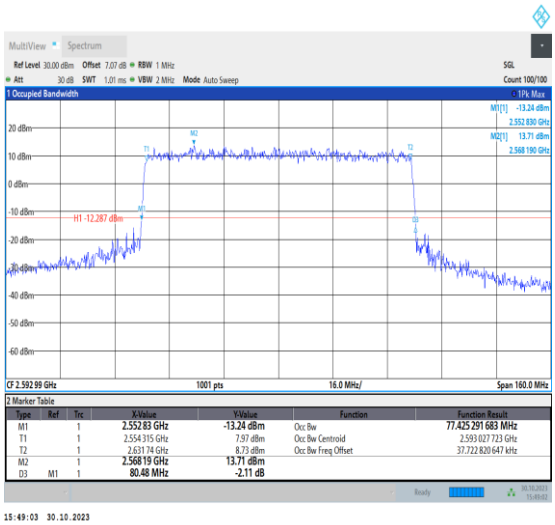

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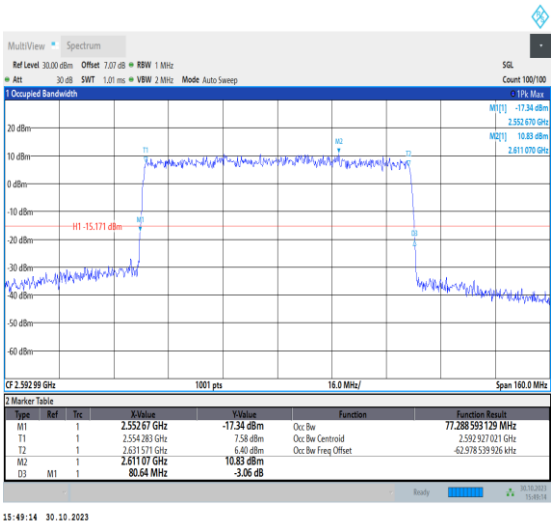

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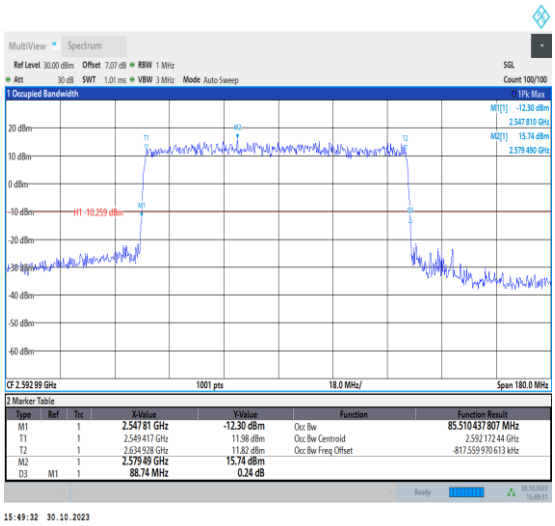

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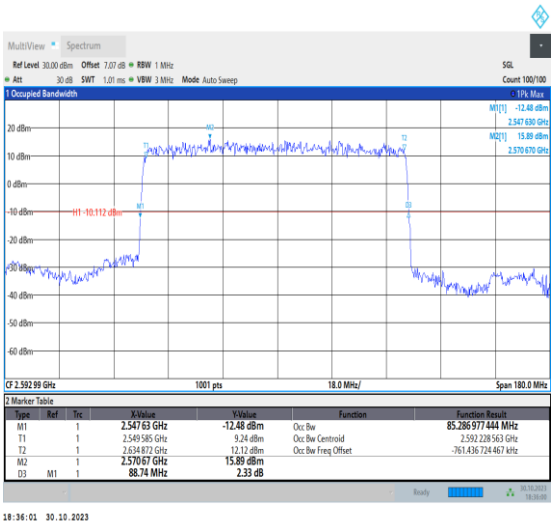

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