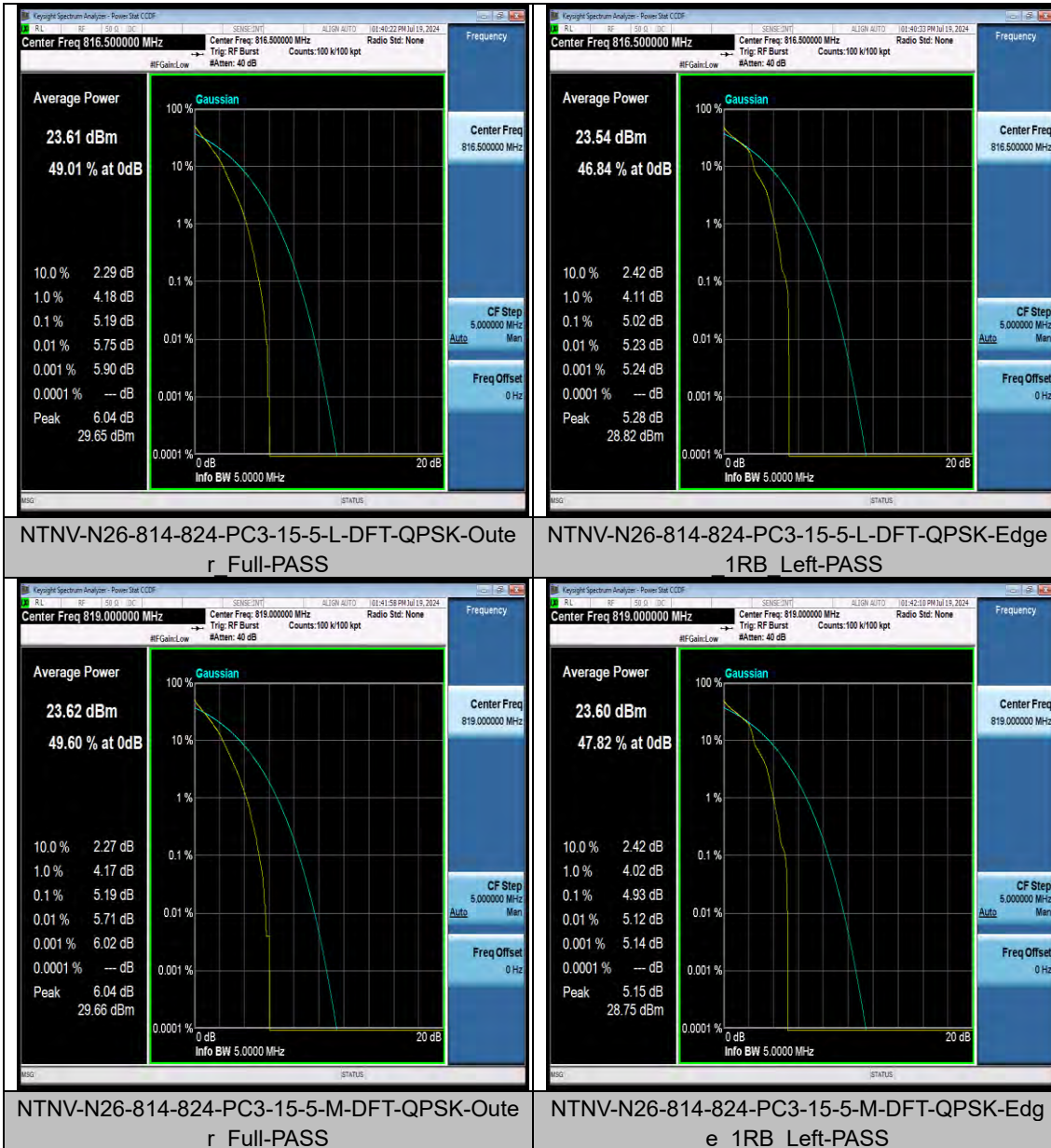




Reference No.: W7L-240618W001RF12

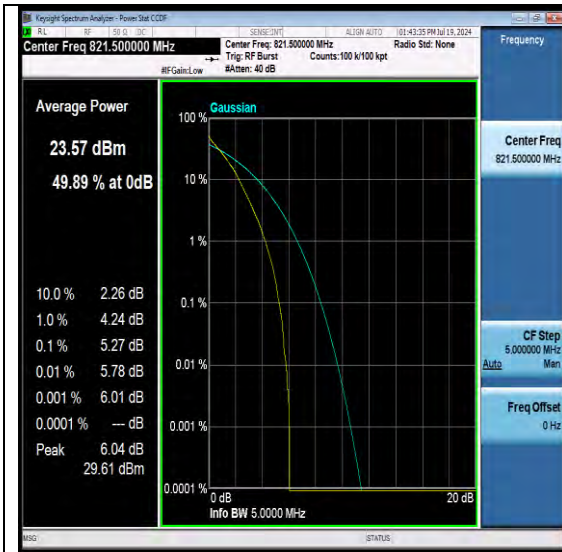
TEST GRAPHS



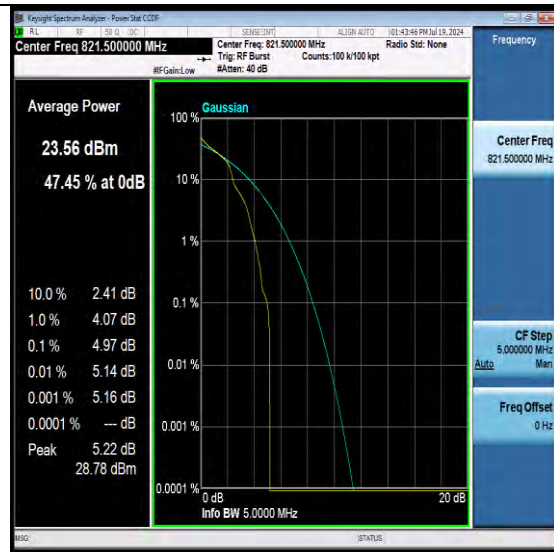


BUREAU VERITAS

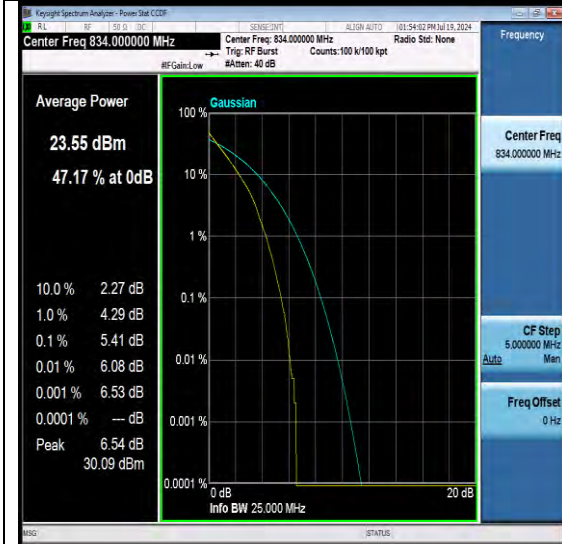
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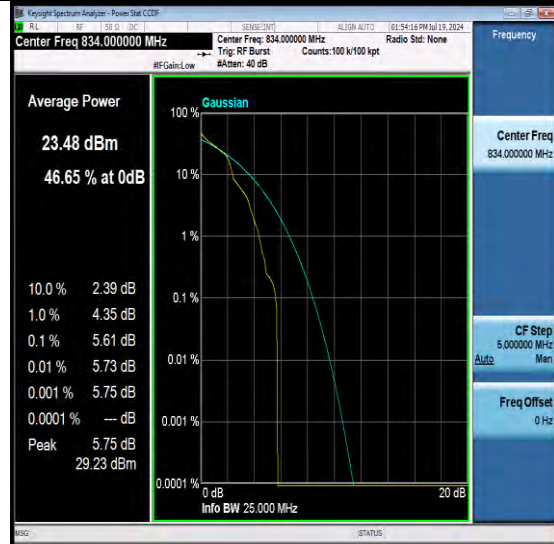
NTNV-N26-814-824-PC3-15-5-H-DFT-QPSK-Outer Full-PASS



NTNV-N26-814-824-PC3-15-5-H-DFT-QPSK-Edge 1RB Left-PASS



NTNV-N26-824-849-PC3-15-20-L-DFT-QPSK-Outer Full-PASS

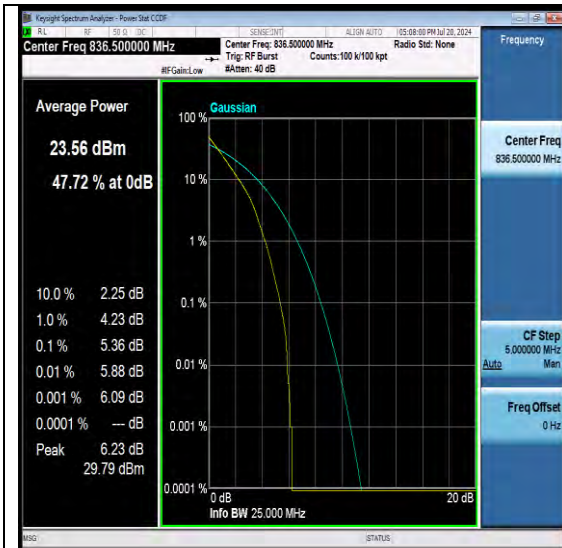


NTNV-N26-824-849-PC3-15-20-L-DFT-QPSK-Edge 1RB Left-PASS

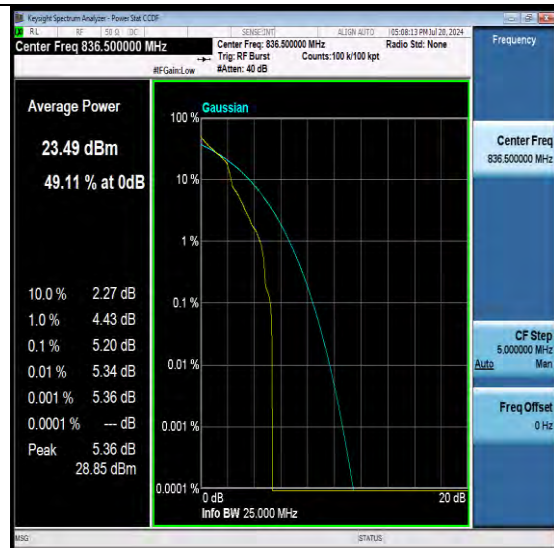


BUREAU VERITAS

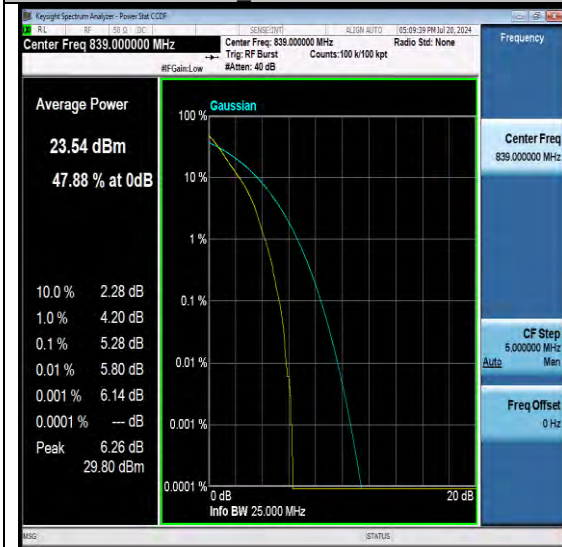
Reference No.: W7L-240618W001RF12



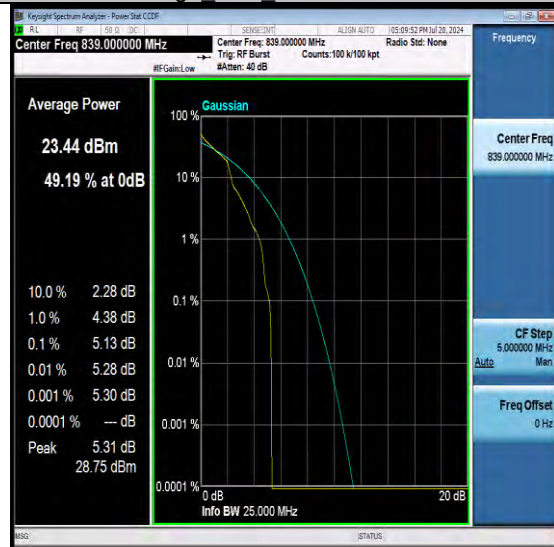
NTNV-N26-824-849-PC3-15-20-M-DFT-QPSK-Out er Full-PASS



NTNV-N26-824-849-PC3-15-20-M-DFT-QPSK-Ed ge 1RB Left-PASS



NTNV-N26-824-849-PC3-15-20-H-DFT-QPSK-Out er Full-PASS

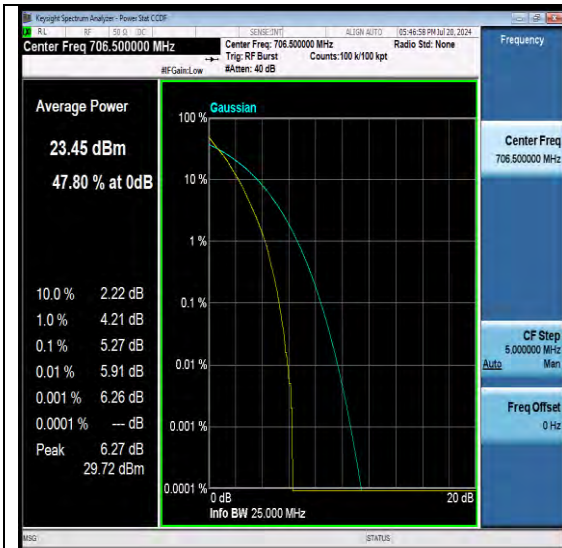


NTNV-N26-824-849-PC3-15-20-H-DFT-QPSK-Ed ge 1RB Left-PASS

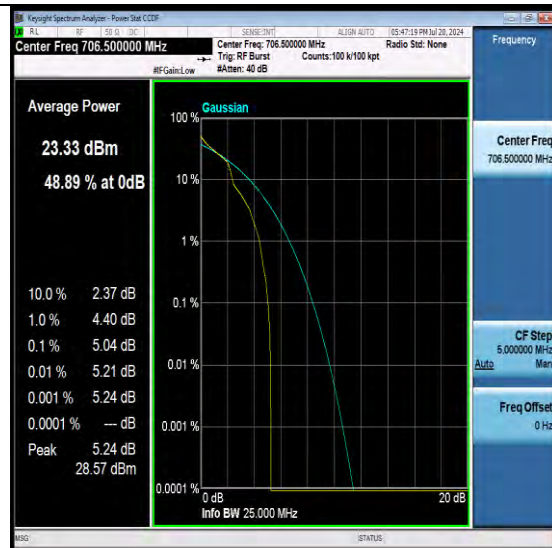


BUREAU VERITAS

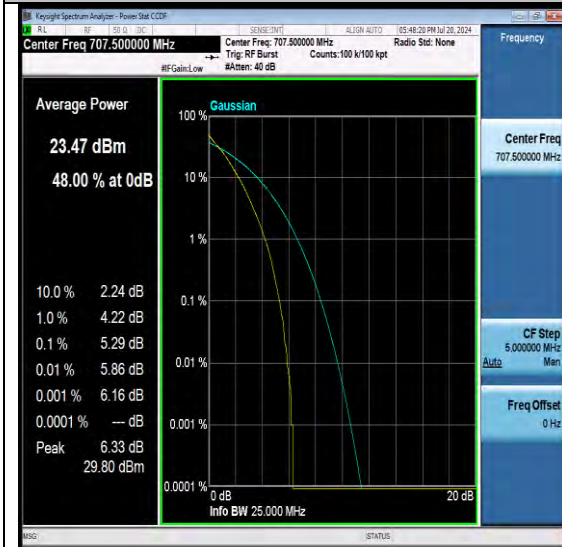
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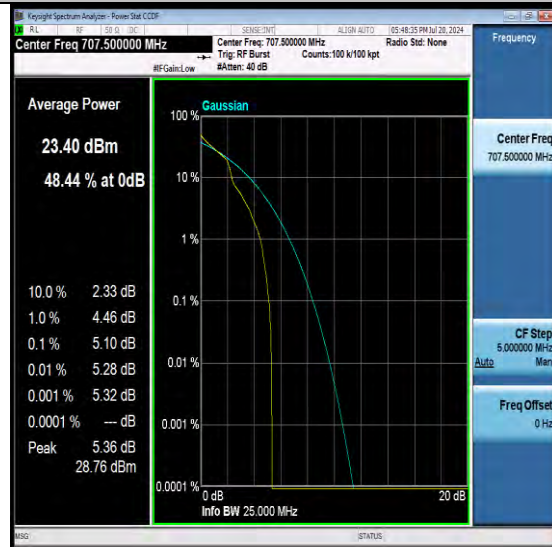
NTNV-N12-PC3-15-15-L-DFT-QPSK-Outer_Full-P ASS



NTNV-N12-PC3-15-15-L-DFT-QPSK-Edge_1RB_Left-PASS



NTNV-N12-PC3-15-15-M-DFT-QPSK-Outer_Full-P ASS

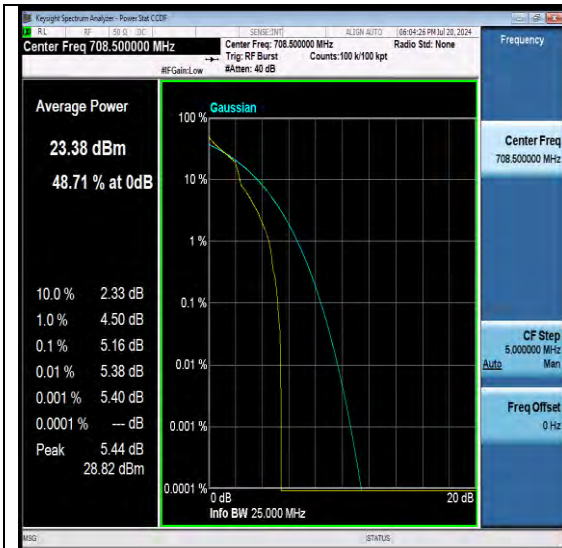


NTNV-N12-PC3-15-15-M-DFT-QPSK-Edge_1RB_Left-PASS

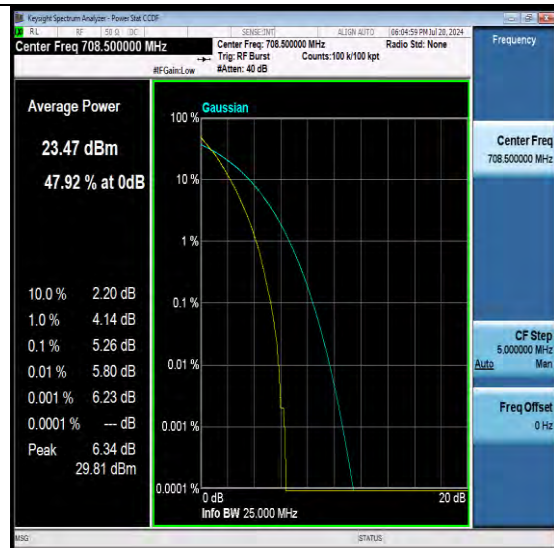


BUREAU VERITAS

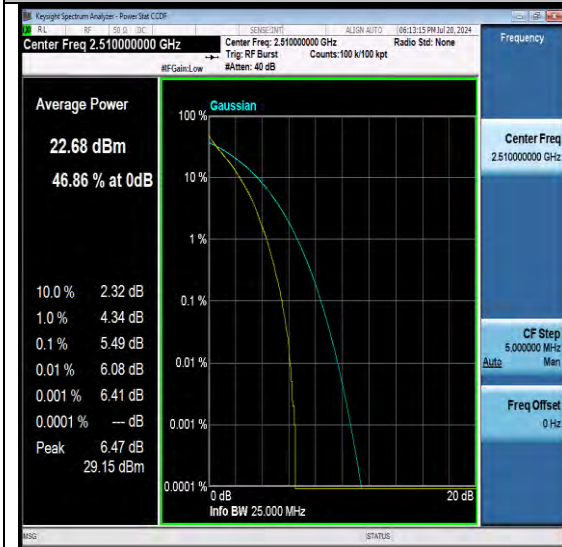
Reference No.: W7L-240618W001RF12



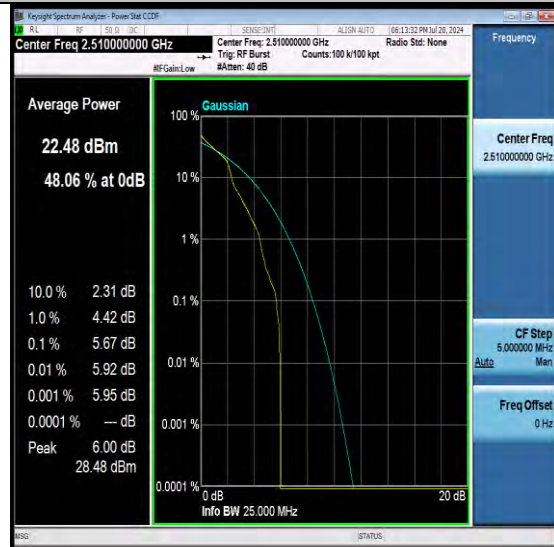
NTNV-N12-PC3-15-15-H-DFT-QPSK-Edge_1RB_Left-PASS



NTNV-N12-PC3-15-15-H-DFT-QPSK-Outer_Full-PASS



NTNV-N7-PC3-15-20-L-DFT-QPSK-Outer_Full-PASS

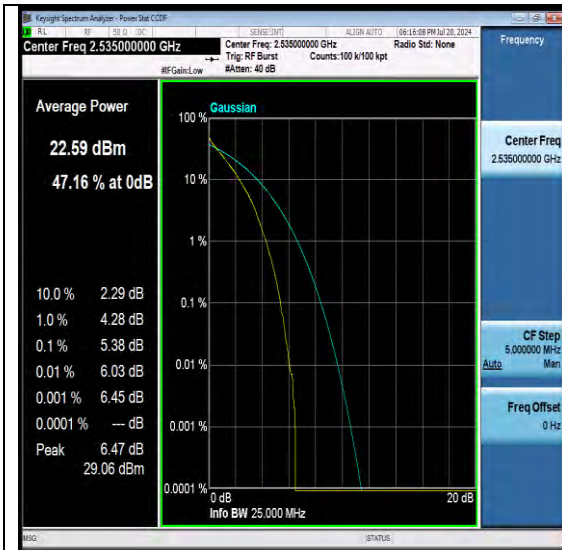


NTNV-N7-PC3-15-20-L-DFT-QPSK-Edge_1RB_Left-PASS

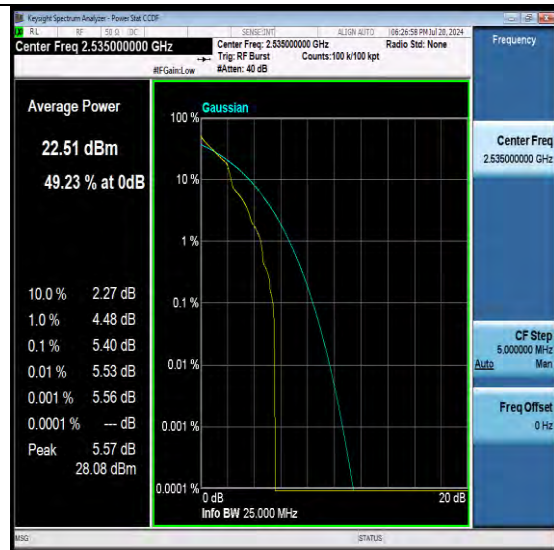


BUREAU VERITAS

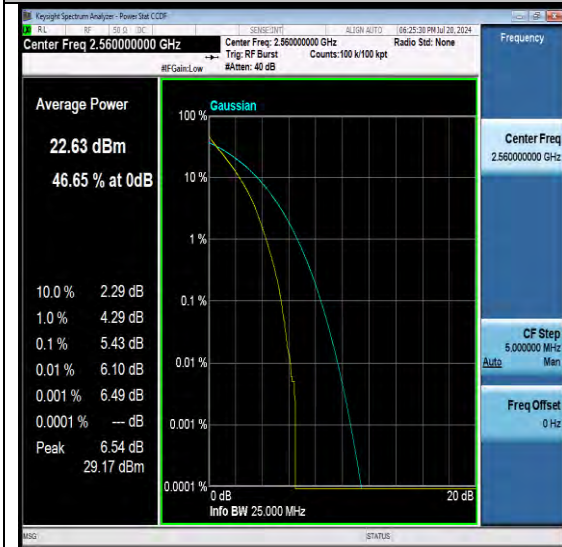
Reference No.: W7L-240618W001RF12



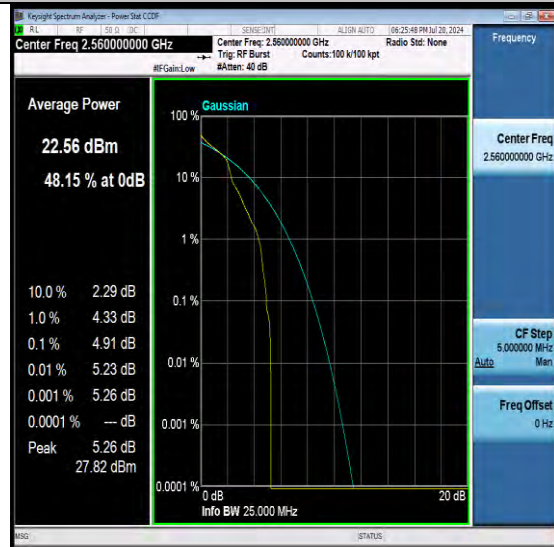
NTNV-N7-PC3-15-20-M-DFT-QPSK-Outer_Full-P ASS



NTNV-N7-PC3-15-20-M-DFT-QPSK-Edge_1RB_L eft-PASS



NTNV-N7-PC3-15-20-H-DFT-QPSK-Outer_Full-PA SS

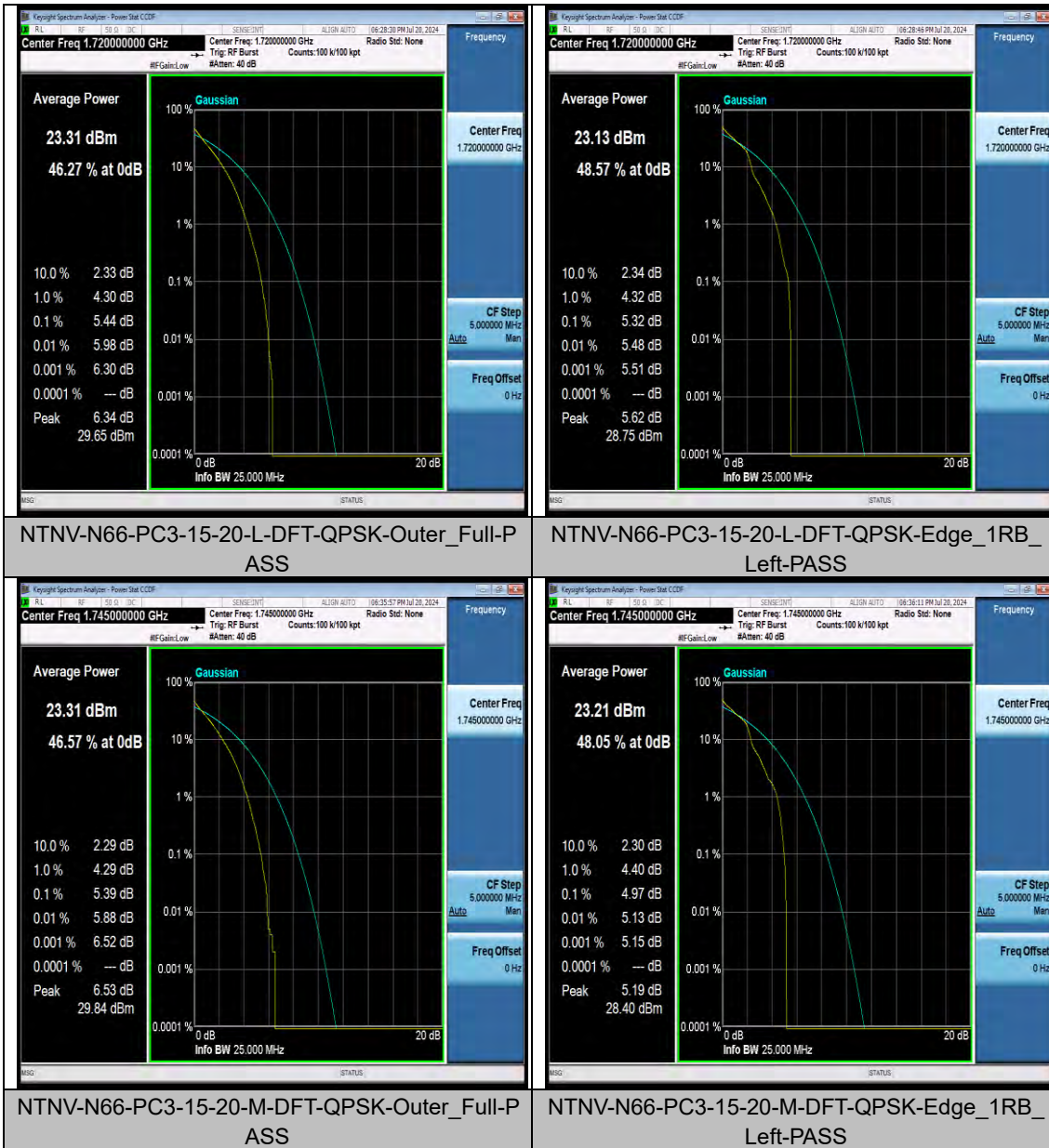


NTNV-N7-PC3-15-20-H-DFT-QPSK-Edge_1RB_L eft-PASS



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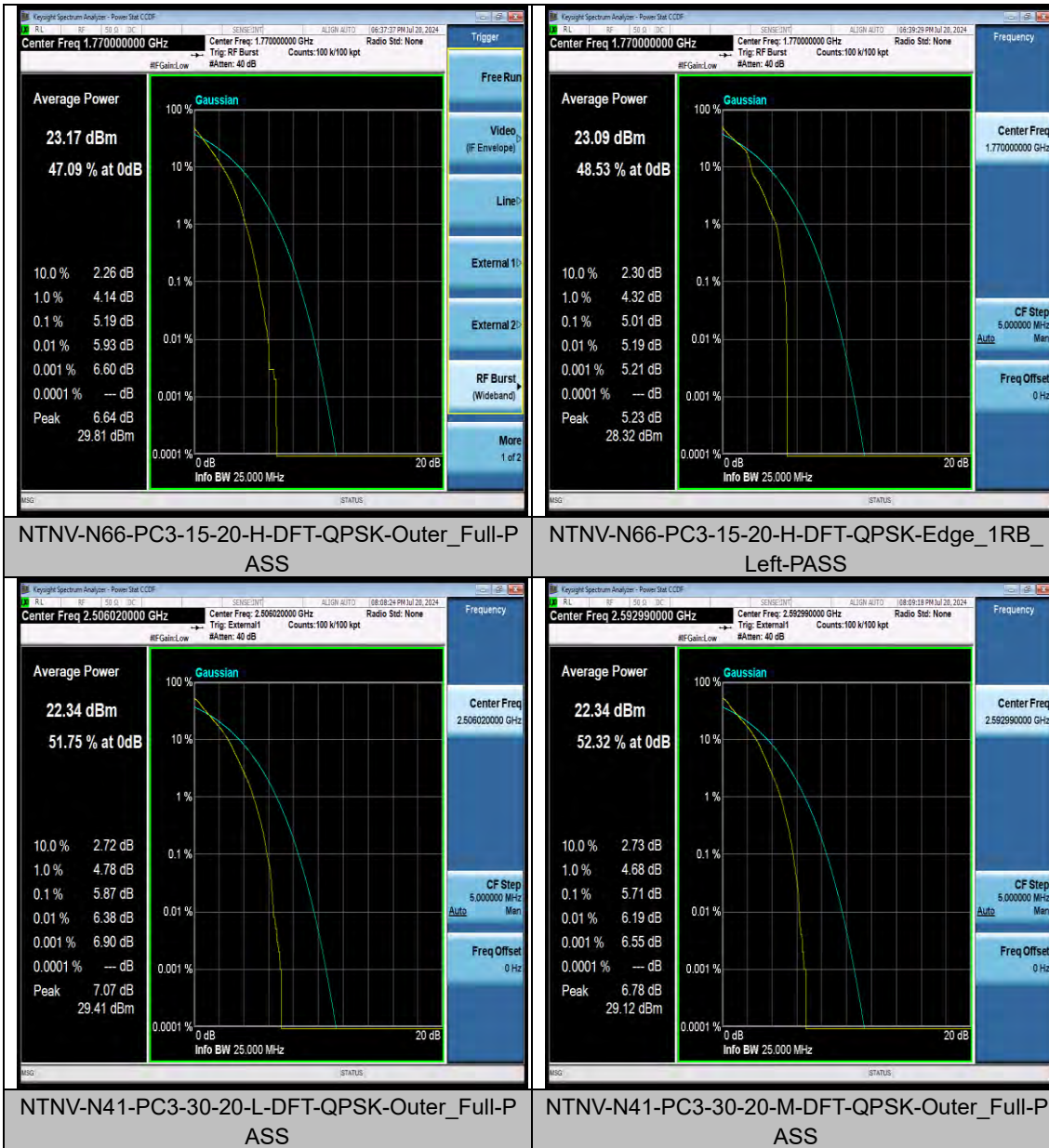
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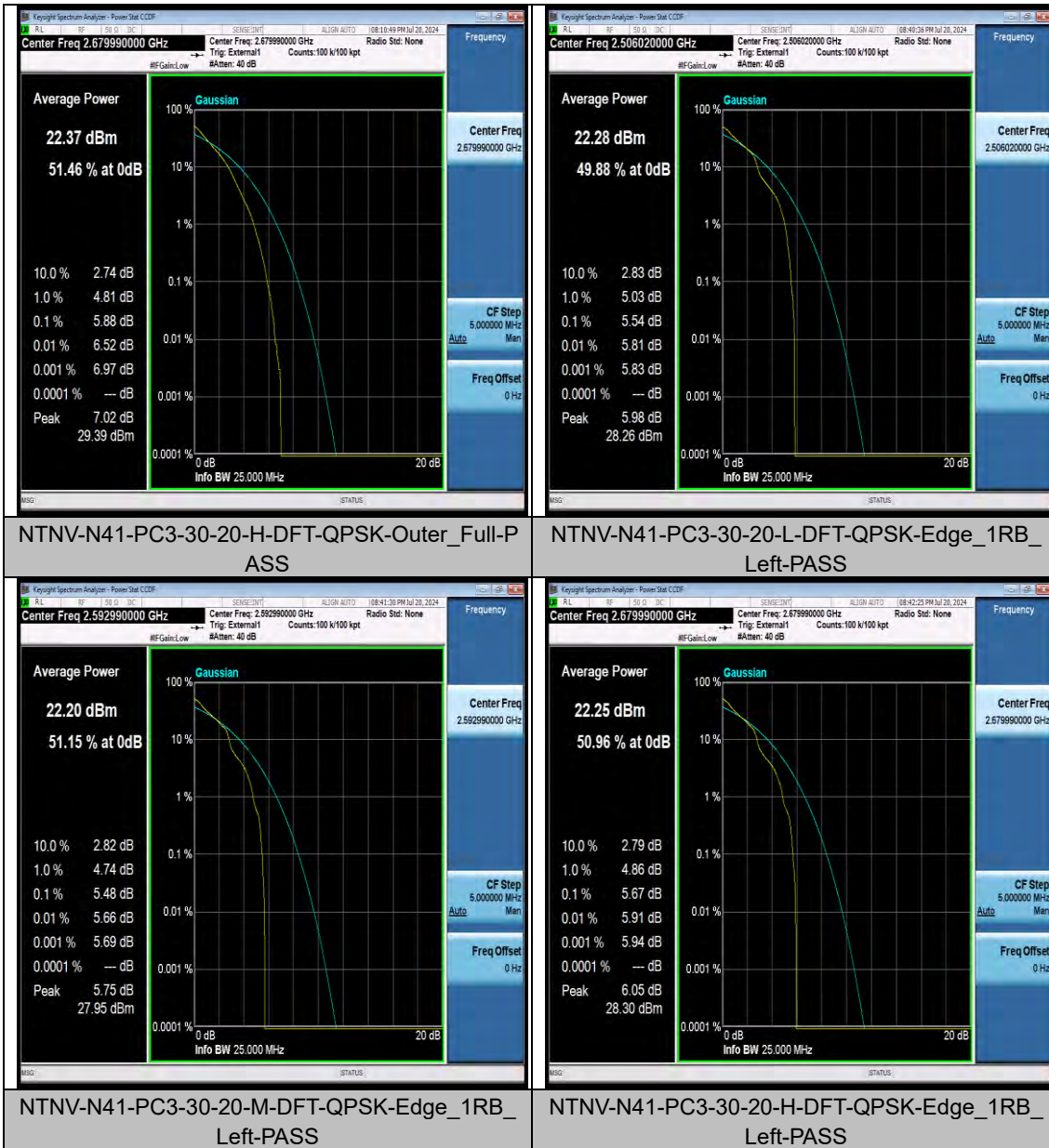
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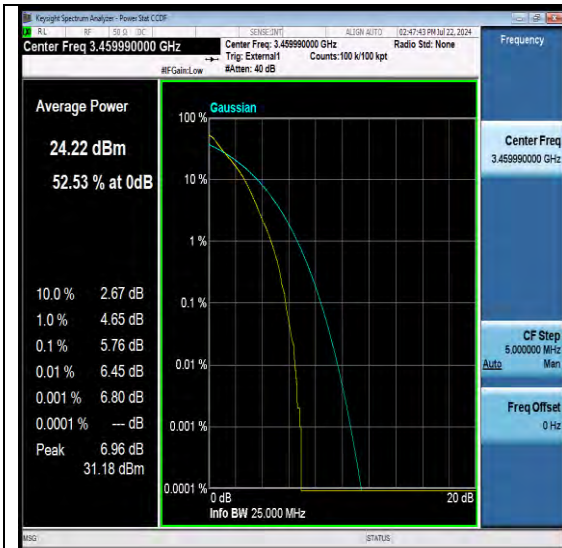
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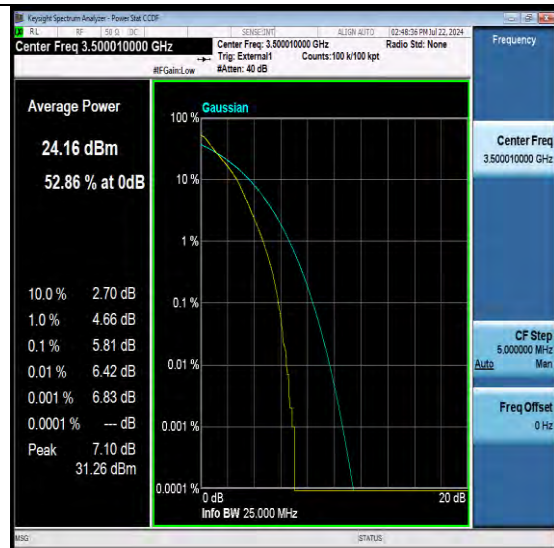


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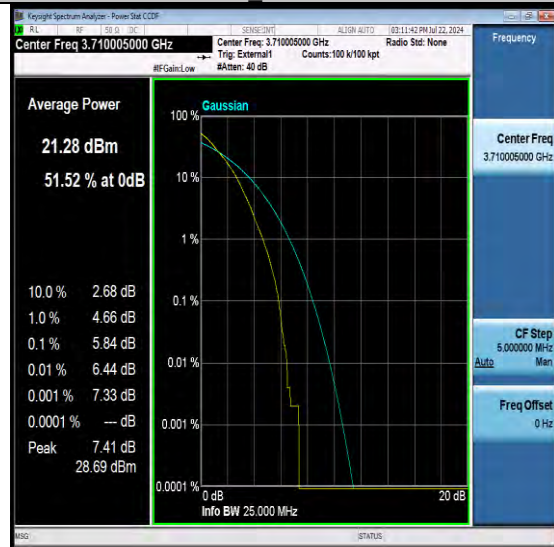
NTNV-N77-3450-3550-PC2-30-20-L-DFT-QPSK-Outer Full-PASS



NTNV-N77-3450-3550-PC2-30-20-M-DFT-QPSK-Outer Full-PASS



NTNV-N77-3450-3550-PC2-30-20-H-DFT-QPSK-Outer Full-PASS

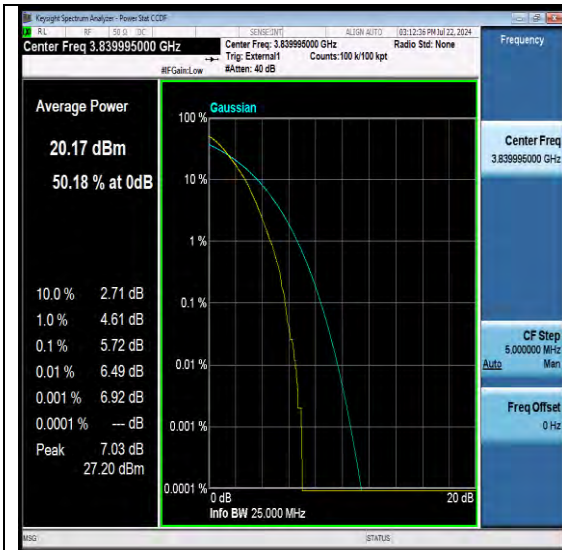


NTNV-N77-3700-3980-PC3-30-20-L-DFT-QPSK-Outer Full-PASS

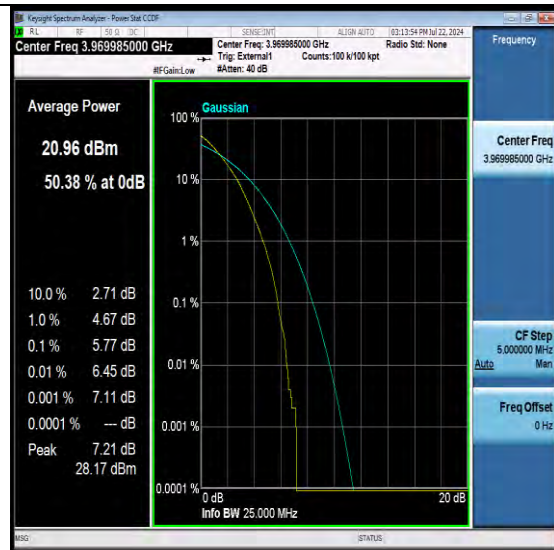


BUREAU VERITAS

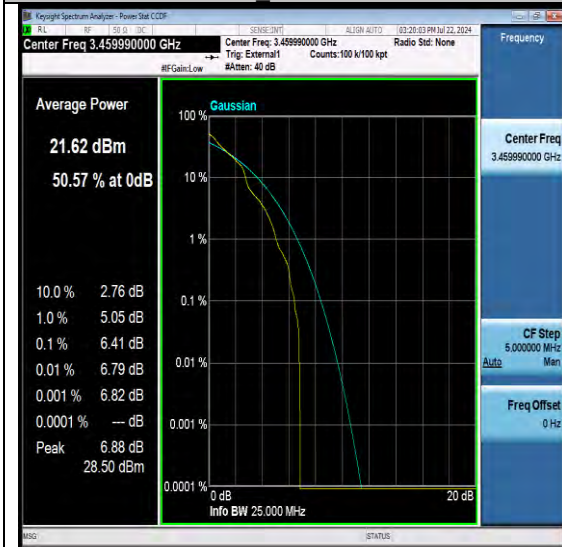
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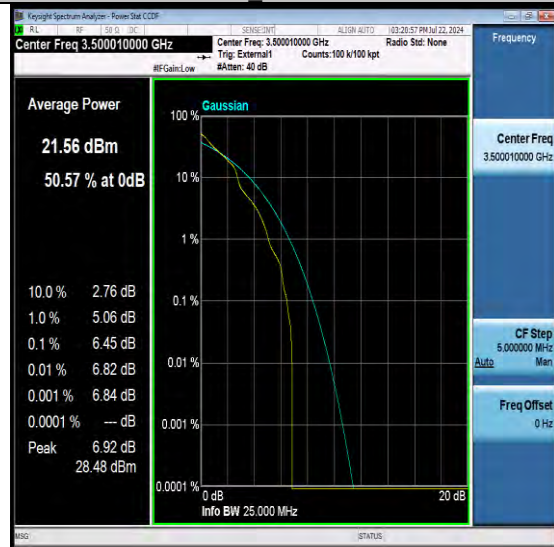
NTNV-N77-3700-3980-PC3-30-20-M-DFT-QPSK-Outer Full-PASS



NTNV-N77-3700-3980-PC3-30-20-H-DFT-QPSK-Outer Full-PASS



NTNV-N77-3450-3550-PC2-30-20-L-DFT-QPSK-Edge 1RB Left-PASS

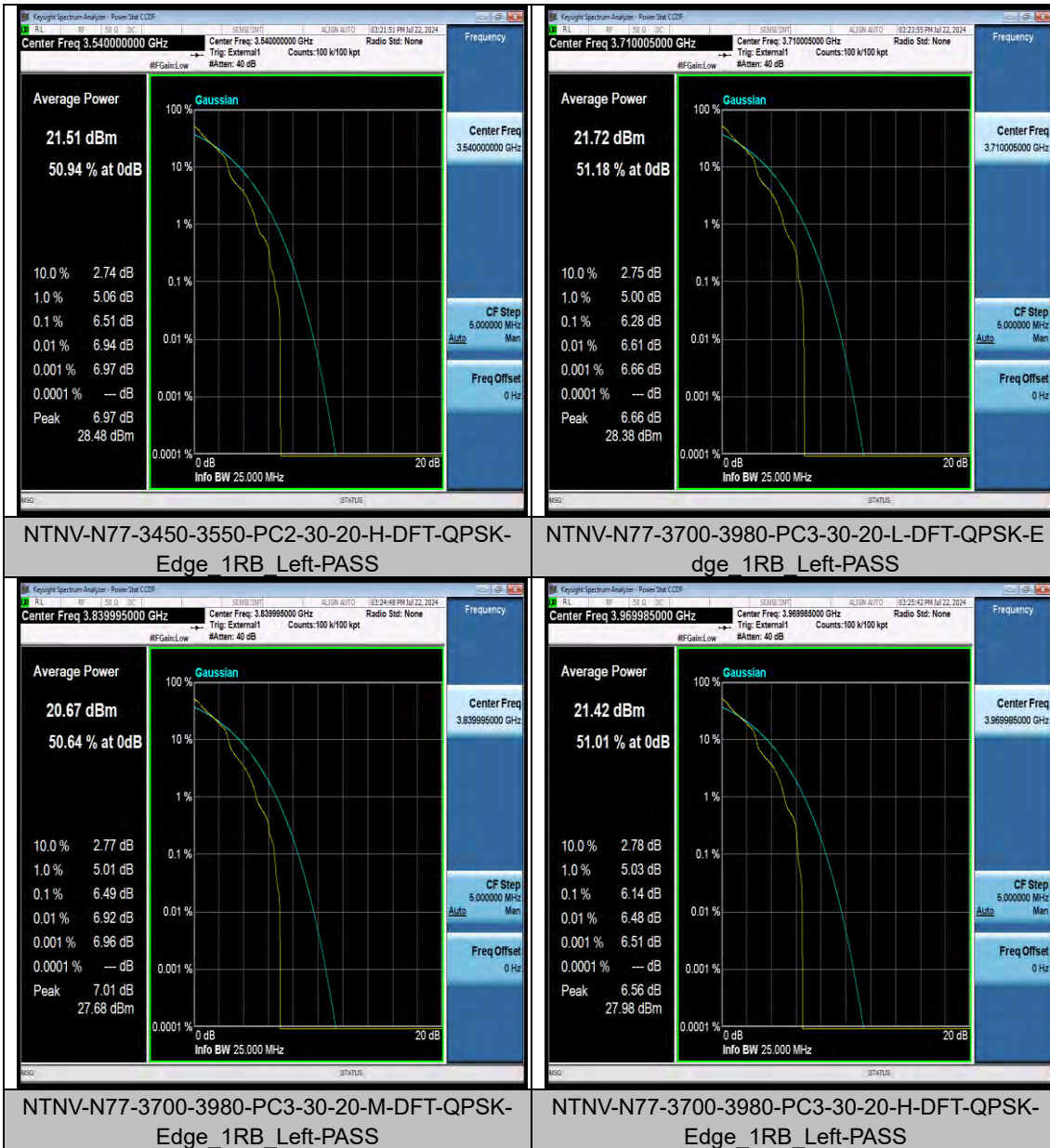


NTNV-N77-3450-3550-PC2-30-20-M-DFT-QPSK-Edge 1RB Left-PASS



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Reference No.: W7L-240618W001RF12





Reference No.: W7L-240618W001RF12

26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA TEST RESULT

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N26-814-824	15	10	DFT-PI2BPSK	M	Outer_Full	8.9062	9.329	PASS
N26-814-824	15	10	DFT-QPSK	M	Outer_Full	8.8966	9.413	PASS
N26-814-824	15	10	DFT-16QAM	M	Outer_Full	8.9052	9.539	PASS
N26-814-824	15	10	DFT-64QAM	M	Outer_Full	8.9104	9.462	PASS
N26-814-824	15	10	DFT-256QAM	M	Outer_Full	8.8865	9.499	PASS
N26-824-849	15	10	DFT-PI2BPSK	M	Outer_Full	8.8978	9.366	PASS
N26-824-849	15	10	DFT-QPSK	M	Outer_Full	8.8919	9.496	PASS
N26-824-849	15	10	DFT-16QAM	M	Outer_Full	8.8886	9.398	PASS
N26-824-849	15	10	DFT-64QAM	M	Outer_Full	8.8979	9.542	PASS
N26-824-849	15	10	DFT-256QAM	M	Outer_Full	8.8965	9.581	PASS
N12	15	10	DFT-PI2BPSK	M	Outer_Full	8.9100	9.329	PASS
N12	15	10	DFT-QPSK	M	Outer_Full	8.9106	9.459	PASS
N12	15	10	DFT-16QAM	M	Outer_Full	8.8996	9.417	PASS
N12	15	10	DFT-64QAM	M	Outer_Full	8.9084	9.455	PASS
N12	15	10	DFT-256QAM	M	Outer_Full	8.8990	9.510	PASS
N7	15	10	DFT-PI2BPSK	M	Outer_Full	8.9067	9.432	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	8.9039	9.421	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	8.8968	9.505	PASS
N7	15	10	DFT-64QAM	M	Outer_Full	8.9018	9.554	PASS
N7	15	10	DFT-256QAM	M	Outer_Full	8.9061	9.513	PASS
N66	15	10	DFT-PI2BPSK	M	Outer_Full	8.9063	9.428	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	8.8950	9.387	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	8.8985	9.517	PASS
N66	15	10	DFT-64QAM	M	Outer_Full	8.8981	9.507	PASS
N66	15	10	DFT-256QAM	M	Outer_Full	8.8949	9.475	PASS
N41	30	10	DFT-PI2BPSK	M	Outer_Full	8.5991	9.430	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	8.5813	9.321	PASS
N41	30	10	DFT-16QAM	M	Outer_Full	8.5555	9.285	PASS
N41	30	10	DFT-64QAM	M	Outer_Full	8.5923	9.295	PASS
N41	30	10	DFT-256QAM	M	Outer_Full	8.5744	9.249	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Outer_Full	8.5612	9.266	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	8.5811	9.259	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Outer_Full	8.5692	9.407	PASS



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N77-3450-3550	30	10	DFT-64QAM	M	Outer_Full	8.5939	9.216	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Outer_Full	8.5669	9.240	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	8.5626	9.305	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	8.5825	9.385	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	8.5665	9.400	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	8.5903	9.110	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	8.5689	9.222	PASS
N77-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	95.970	99.38	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	96.027	99.66	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	96.160	99.72	PASS
N77-3450-3550	30	100	DFT-64QAM	M	Outer_Full	96.194	99.69	PASS
N77-3450-3550	30	100	DFT-256QAM	M	Outer_Full	96.101	99.80	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	96.292	99.84	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	96.091	99.66	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	96.108	99.76	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	96.132	99.85	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	96.174	99.74	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	96.265	99.67	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	96.078	99.81	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	96.109	99.80	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	96.107	99.76	PASS
N41	30	100	DFT-256QAM	M	Outer_Full	96.160	99.84	PASS
N26-824-849	15	15	DFT-PI2BPSK	M	Outer_Full	13.397	14.16	PASS
N26-824-849	15	15	DFT-QPSK	M	Outer_Full	13.358	14.06	PASS
N26-824-849	15	15	DFT-16QAM	M	Outer_Full	13.379	14.07	PASS
N26-824-849	15	15	DFT-64QAM	M	Outer_Full	13.385	14.06	PASS
N26-824-849	15	15	DFT-256QAM	M	Outer_Full	13.394	14.03	PASS
N12	15	15	DFT-PI2BPSK	M	Outer_Full	13.393	14.07	PASS
N12	15	15	DFT-QPSK	M	Outer_Full	13.387	14.03	PASS
N12	15	15	DFT-16QAM	M	Outer_Full	13.393	14.10	PASS
N12	15	15	DFT-64QAM	M	Outer_Full	13.373	14.10	PASS



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N12	15	15	DFT-256QAM	M	Outer_Full	13.388	14.11	PASS
N7	15	15	DFT-PI2BPSK	M	Outer_Full	13.388	14.12	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	13.396	14.10	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	13.384	14.19	PASS
N7	15	15	DFT-64QAM	M	Outer_Full	13.376	14.10	PASS
N7	15	15	DFT-256QAM	M	Outer_Full	13.391	13.99	PASS
N66	15	15	DFT-PI2BPSK	M	Outer_Full	13.375	14.06	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	13.380	13.99	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	13.390	14.16	PASS
N66	15	15	DFT-64QAM	M	Outer_Full	13.384	14.01	PASS
N66	15	15	DFT-256QAM	M	Outer_Full	13.400	14.13	PASS
N41	30	15	DFT-PI2BPSK	M	Outer_Full	12.843	13.96	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	12.808	13.85	PASS
N41	30	15	DFT-16QAM	M	Outer_Full	12.823	13.79	PASS
N41	30	15	DFT-64QAM	M	Outer_Full	12.820	13.94	PASS
N41	30	15	DFT-256QAM	M	Outer_Full	12.813	13.76	PASS
N77-3450 -3550	30	15	DFT-PI2BPSK	M	Outer_Full	12.863	13.94	PASS
N77-3450 -3550	30	15	DFT-QPSK	M	Outer_Full	12.842	13.82	PASS
N77-3450 -3550	30	15	DFT-16QAM	M	Outer_Full	12.849	13.82	PASS
N77-3450 -3550	30	15	DFT-64QAM	M	Outer_Full	12.901	14.00	PASS
N77-3450 -3550	30	15	DFT-256QAM	M	Outer_Full	12.868	13.90	PASS
N77-3700 -3980	30	15	DFT-PI2BPSK	M	Outer_Full	12.864	13.97	PASS
N77-3700 -3980	30	15	DFT-QPSK	M	Outer_Full	12.856	13.83	PASS
N77-3700 -3980	30	15	DFT-16QAM	M	Outer_Full	5.7135	6.075	PASS
N77-3700 -3980	30	15	DFT-64QAM	M	Outer_Full	12.849	13.85	PASS
N77-3700 -3980	30	15	DFT-256QAM	M	Outer_Full	12.860	13.78	PASS
N26-824- 849	15	20	DFT-PI2BPSK	M	Outer_Full	17.879	18.87	PASS
N26-824- 849	15	20	DFT-QPSK	M	Outer_Full	17.859	18.93	PASS
N26-824- 849	15	20	DFT-16QAM	M	Outer_Full	17.851	18.88	PASS
N26-824- 849	15	20	DFT-64QAM	M	Outer_Full	17.855	18.86	PASS
N26-824- 849	15	20	DFT-256QAM	M	Outer_Full	17.836	18.86	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	17.858	18.90	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	17.852	18.99	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	17.851	18.90	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	17.846	18.81	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	17.850	18.85	PASS
N66	15	20	DFT-PI2BPSK	M	Outer_Full	17.865	19.13	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	17.844	18.87	PASS



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N66	15	20	DFT-16QAM	M	Outer_Full	17.856	18.88	PASS
N66	15	20	DFT-64QAM	M	Outer_Full	17.871	18.92	PASS
N66	15	20	DFT-256QAM	M	Outer_Full	17.852	18.85	PASS
N41	30	20	DFT-PI2BPSK	M	Outer_Full	17.831	19.07	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	17.854	19.12	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	17.833	19.34	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	17.797	18.94	PASS
N41	30	20	DFT-256QAM	M	Outer_Full	17.794	18.87	PASS
N77-3450 -3550	30	20	DFT-PI2BPSK	M	Outer_Full	17.837	19.00	PASS
N77-3450 -3550	30	20	DFT-QPSK	M	Outer_Full	17.797	18.89	PASS
N77-3450 -3550	30	20	DFT-16QAM	M	Outer_Full	17.796	19.16	PASS
N77-3450 -3550	30	20	DFT-64QAM	M	Outer_Full	17.808	18.82	PASS
N77-3450 -3550	30	20	DFT-256QAM	M	Outer_Full	17.833	19.02	PASS
N77-3700 -3980	30	20	DFT-PI2BPSK	M	Outer_Full	17.826	19.06	PASS
N77-3700 -3980	30	20	DFT-QPSK	M	Outer_Full	17.800	18.83	PASS
N77-3700 -3980	30	20	DFT-16QAM	M	Outer_Full	9.1730	9.724	PASS
N77-3700 -3980	30	20	DFT-64QAM	M	Outer_Full	17.814	18.76	PASS
N77-3700 -3980	30	20	DFT-256QAM	M	Outer_Full	17.842	19.08	PASS
N7	15	25	DFT-PI2BPSK	M	Outer_Full	22.885	24.19	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	22.851	24.02	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	22.812	24.04	PASS
N7	15	25	DFT-64QAM	M	Outer_Full	22.823	24.09	PASS
N7	15	25	DFT-256QAM	M	Outer_Full	22.878	24.00	PASS
N66	15	25	DFT-PI2BPSK	M	Outer_Full	22.852	23.99	PASS
N66	15	25	DFT-QPSK	M	Outer_Full	22.860	24.02	PASS
N66	15	25	DFT-16QAM	M	Outer_Full	22.814	23.95	PASS
N66	15	25	DFT-64QAM	M	Outer_Full	22.868	24.09	PASS
N66	15	25	DFT-256QAM	M	Outer_Full	22.864	24.09	PASS
N7	15	30	DFT-PI2BPSK	M	Outer_Full	28.533	29.72	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	28.527	29.73	PASS
N7	15	30	DFT-16QAM	M	Outer_Full	28.533	29.62	PASS
N7	15	30	DFT-64QAM	M	Outer_Full	28.581	29.63	PASS
N7	15	30	DFT-256QAM	M	Outer_Full	28.543	29.73	PASS
N66	15	30	DFT-PI2BPSK	M	Outer_Full	28.536	29.68	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	28.543	29.71	PASS
N66	15	30	DFT-16QAM	M	Outer_Full	28.523	29.66	PASS
N66	15	30	DFT-64QAM	M	Outer_Full	28.560	29.56	PASS
N66	15	30	DFT-256QAM	M	Outer_Full	28.566	29.65	PASS
N77-3450 -3550	30	30	DFT-PI2BPSK	M	Outer_Full	26.786	28.31	PASS
N77-3450 -3550	30	30	DFT-QPSK	M	Outer_Full	26.780	28.46	PASS
N77-3450	30	30	DFT-16QAM	M	Outer_Full	26.760	28.38	PASS



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-3550								
N77-3450 -3550	30	30	DFT-64QAM	M	Outer_Full	26.725	28.24	PASS
N77-3450 -3550	30	30	DFT-256QAM	M	Outer_Full	26.739	28.29	PASS
N77-3700 -3980	30	30	DFT-PI2BPSK	M	Outer_Full	26.778	28.39	PASS
N77-3700 -3980	30	30	DFT-QPSK	M	Outer_Full	26.801	28.52	PASS
N77-3700 -3980	30	30	DFT-16QAM	M	Outer_Full	26.766	28.29	PASS
N77-3700 -3980	30	30	DFT-64QAM	M	Outer_Full	26.736	28.41	PASS
N77-3700 -3980	30	30	DFT-256QAM	M	Outer_Full	26.770	28.36	PASS
N41	30	30	DFT-PI2BPSK	M	Outer_Full	26.784	28.48	PASS
N41	30	30	DFT-QPSK	M	Outer_Full	26.770	28.43	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	26.781	28.27	PASS
N41	30	30	DFT-64QAM	M	Outer_Full	26.858	28.70	PASS
N41	30	30	DFT-256QAM	M	Outer_Full	26.775	28.59	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	38.442	40.04	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	38.472	39.94	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	38.486	40.16	PASS
N7	15	40	DFT-64QAM	M	Outer_Full	38.458	40.03	PASS
N7	15	40	DFT-256QAM	M	Outer_Full	38.533	40.11	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	38.462	39.96	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	38.442	39.95	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	38.454	40.07	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	38.407	39.93	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	38.514	39.90	PASS
N41	30	40	DFT-PI2BPSK	M	Outer_Full	35.674	37.54	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	35.649	37.29	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	35.754	37.59	PASS
N41	30	40	DFT-64QAM	M	Outer_Full	35.730	37.51	PASS
N41	30	40	DFT-256QAM	M	Outer_Full	35.715	37.46	PASS
N77-3450 -3550	30	40	DFT-PI2BPSK	M	Outer_Full	35.672	37.63	PASS
N77-3450 -3550	30	40	DFT-QPSK	M	Outer_Full	35.711	37.55	PASS
N77-3450 -3550	30	40	DFT-16QAM	M	Outer_Full	35.701	37.56	PASS
N77-3450 -3550	30	40	DFT-64QAM	M	Outer_Full	35.691	37.67	PASS
N77-3450 -3550	30	40	DFT-256QAM	M	Outer_Full	35.664	37.23	PASS
N77-3700 -3980	30	40	DFT-PI2BPSK	M	Outer_Full	35.671	37.60	PASS
N77-3700 -3980	30	40	DFT-QPSK	M	Outer_Full	35.715	37.69	PASS
N77-3700 -3980	30	40	DFT-16QAM	M	Outer_Full	35.706	37.64	PASS
N77-3700 -3980	30	40	DFT-64QAM	M	Outer_Full	35.697	37.69	PASS



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N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	35.654	37.63	PASS
N26-814-824	15	5	DFT-PI2BPSK	M	Outer_Full	4.4650	4.729	PASS
N26-814-824	15	5	DFT-QPSK	M	Outer_Full	4.4554	4.799	PASS
N26-814-824	15	5	DFT-16QAM	M	Outer_Full	4.4743	4.781	PASS
N26-814-824	15	5	DFT-64QAM	M	Outer_Full	4.4651	4.864	PASS
N26-814-824	15	5	DFT-256QAM	M	Outer_Full	4.4565	4.757	PASS
N26-824-849	15	5	DFT-PI2BPSK	M	Outer_Full	4.4655	4.754	PASS
N26-824-849	15	5	DFT-QPSK	M	Outer_Full	4.4545	4.737	PASS
N26-824-849	15	5	DFT-16QAM	M	Outer_Full	4.4672	4.794	PASS
N26-824-849	15	5	DFT-64QAM	M	Outer_Full	4.4705	4.883	PASS
N26-824-849	15	5	DFT-256QAM	M	Outer_Full	4.4470	4.800	PASS
N12	15	5	DFT-PI2BPSK	M	Outer_Full	4.4632	4.802	PASS
N12	15	5	DFT-QPSK	M	Outer_Full	4.4591	4.806	PASS
N12	15	5	DFT-16QAM	M	Outer_Full	4.4704	4.783	PASS
N12	15	5	DFT-64QAM	M	Outer_Full	4.4619	4.825	PASS
N12	15	5	DFT-256QAM	M	Outer_Full	4.4501	4.796	PASS
N7	15	5	DFT-PI2BPSK	M	Outer_Full	4.4713	4.743	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	4.4551	4.790	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	4.4633	4.807	PASS
N7	15	5	DFT-64QAM	M	Outer_Full	4.4600	4.798	PASS
N7	15	5	DFT-256QAM	M	Outer_Full	4.4506	4.770	PASS
N66	15	5	DFT-PI2BPSK	M	Outer_Full	4.4715	4.797	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	4.4554	4.795	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	4.4671	4.788	PASS
N66	15	5	DFT-64QAM	M	Outer_Full	4.4662	4.795	PASS
N66	15	5	DFT-256QAM	M	Outer_Full	4.4538	4.741	PASS
N7	15	50	DFT-PI2BPSK	M	Outer_Full	48.074	49.95	PASS
N7	15	50	DFT-QPSK	M	Outer_Full	48.132	49.84	PASS
N7	15	50	DFT-16QAM	M	Outer_Full	47.956	49.86	PASS
N7	15	50	DFT-64QAM	M	Outer_Full	48.123	49.95	PASS
N7	15	50	DFT-256QAM	M	Outer_Full	48.054	49.86	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	45.635	47.55	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	45.640	47.79	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	45.714	47.87	PASS
N41	30	50	DFT-64QAM	M	Outer_Full	45.637	47.96	PASS
N41	30	50	DFT-256QAM	M	Outer_Full	45.696	47.65	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Outer_Full	45.735	48.14	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	45.631	47.91	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Outer_Full	45.658	47.86	PASS



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N77-3450-3550	30	50	DFT-64QAM	M	Outer_Full	45.604	47.87	PASS
N77-3450-3550	30	50	DFT-256QAM	M	Outer_Full	45.801	47.90	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	45.643	47.86	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	45.640	47.84	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	45.665	48.08	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	45.619	47.85	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	45.825	47.92	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Outer_Full	57.710	59.85	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	57.754	60.13	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Outer_Full	57.767	59.98	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Outer_Full	57.774	59.87	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Outer_Full	57.673	60.06	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	57.719	60.16	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	57.745	60.07	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	57.846	59.92	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	57.843	59.96	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	57.758	59.97	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	57.722	60.02	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	57.730	60.03	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	57.797	59.99	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	57.796	59.87	PASS
N41	30	60	DFT-256QAM	M	Outer_Full	57.700	60.06	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	M	Outer_Full	64.238	67.39	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	64.141	67.78	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Outer_Full	64.256	66.95	PASS
N77-3450-3550	30	70	DFT-64QAM	M	Outer_Full	64.336	67.63	PASS
N77-3450-3550	30	70	DFT-256QAM	M	Outer_Full	64.252	67.65	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Outer_Full	64.228	67.88	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	64.254	69.09	PASS



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N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	27.581	28.91	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Outer_Full	64.261	67.13	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Outer_Full	64.233	67.61	PASS
N41	30	70	DFT-PI2BPSK	M	Outer_Full	64.245	67.54	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	64.142	67.46	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	64.181	67.45	PASS
N41	30	70	DFT-64QAM	M	Outer_Full	64.315	67.62	PASS
N41	30	70	DFT-256QAM	M	Outer_Full	64.234	67.25	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	76.957	79.87	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	76.871	79.62	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Outer_Full	76.885	79.94	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Outer_Full	76.926	79.77	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Outer_Full	76.952	80.07	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	77.018	79.87	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	76.856	79.78	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	76.935	80.09	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	76.922	79.76	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	76.936	80.03	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	77.068	79.94	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	76.926	79.62	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	76.957	79.76	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	76.819	79.63	PASS
N41	30	80	DFT-256QAM	M	Outer_Full	77.047	79.76	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Outer_Full	86.538	89.79	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	86.664	89.75	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Outer_Full	86.502	89.61	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Outer_Full	86.555	89.69	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Outer_Full	86.639	89.57	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	86.663	89.54	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	86.687	89.89	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	86.548	89.65	PASS
N77-3700	30	90	DFT-64QAM	M	Outer_Full	86.582	89.63	PASS



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VERITAS

Reference No.: W7L-240618W001RF12

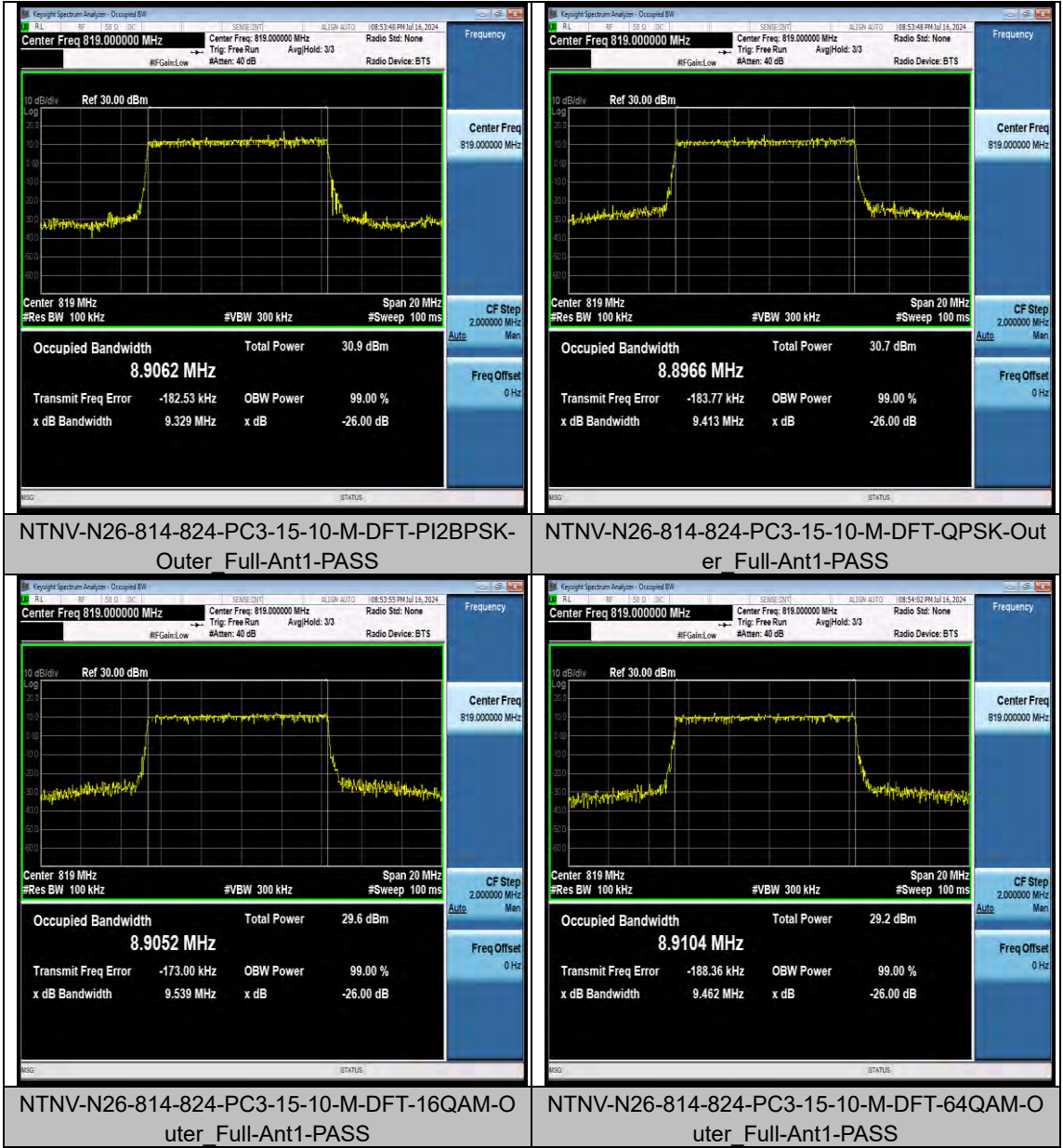
-3980								
N77-3700 -3980	30	90	DFT-256QAM	M	Outer_Full	86.632	89.67	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	86.638	89.60	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	86.700	89.71	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	86.534	89.69	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	86.506	89.99	PASS
N41	30	90	DFT-256QAM	M	Outer_Full	86.654	89.53	PASS



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TEST GRAPHS





BUREAU VERITAS

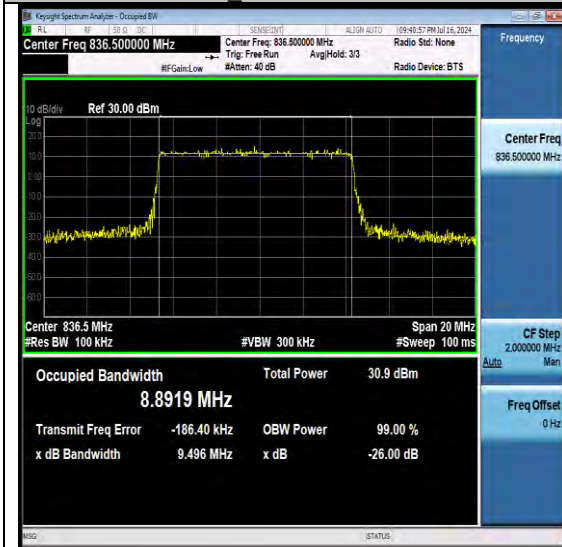
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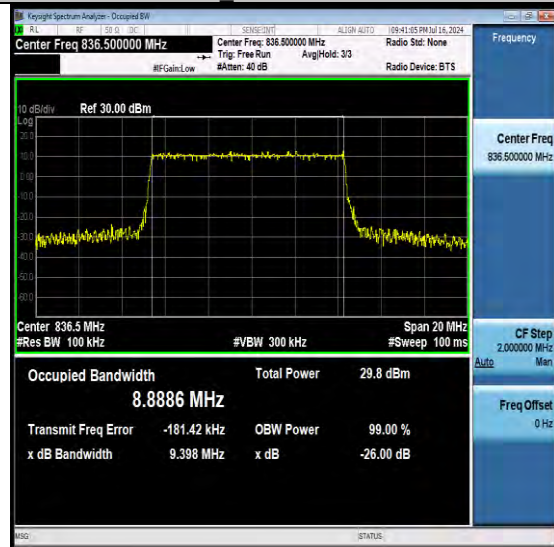
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NTNV-N26-824-849-PC3-15-10-M-DFT-PI2BPSK-Out er Full-Ant1-PASS



NTNV-N26-824-849-PC3-15-10-M-DFT-QPSK-Out er Full-Ant1-PASS



NTNV-N26-824-849-PC3-15-10-M-DFT-16QAM-Out er Full-Ant1-PASS



BUREAU VERITAS

Reference No.: W7L-240618W001RF12



NTNV-N26-824-849-PC3-15-10-M-DFT-64QAM-Outer Full-Ant1-PASS



NTNV-N26-824-849-PC3-15-10-M-DFT-256QAM-Outer Full-Ant1-PASS



NTNV-N12-PC3-15-10-M-DFT-PI2BPSK-Outer_Full-Ant1-PASS



NTNV-N12-PC3-15-10-M-DFT-QPSK-Outer_Full-Ant1-PASS



BUREAU VERITAS

Reference No.: W7L-240618W001RF12



NTNV-N12-PC3-15-10-M-DFT-16QAM-Outer_Full-Ant1-PASS



NTNV-N12-PC3-15-10-M-DFT-64QAM-Outer_Full-Ant1-PASS



NTNV-N12-PC3-15-10-M-DFT-256QAM-Outer_Ful I-Ant1-PASS



NTNV-N7-PC3-15-10-M-DFT-PI2BPSK-Outer_Full-Ant1-PASS



BUREAU VERITAS

Reference No.: W7L-240618W001RF12



NTNV-N7-PC3-15-10-M-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N7-PC3-15-10-M-DFT-16QAM-Outer_Full-Ant1-PASS



NTNV-N7-PC3-15-10-M-DFT-64QAM-Outer_Full-Ant1-PASS



NTNV-N7-PC3-15-10-M-DFT-256QAM-Outer_Full-Ant1-PASS



BUREAU VERITAS

Reference No.: W7L-240618W001RF12



NTNV-N66-PC3-15-10-M-DFT-PI2BPSK-Outer_Fu II-Ant1-PASS



NTNV-N66-PC3-15-10-M-DFT-QPSK-Outer_Full-Ant1-PASS



NTNV-N66-PC3-15-10-M-DFT-16QAM-Outer_Full-Ant1-PASS



NTNV-N66-PC3-15-10-M-DFT-64QAM-Outer_Full-Ant1-PASS

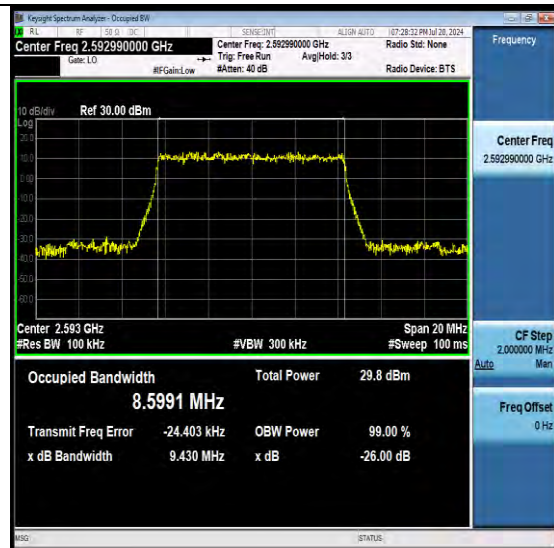


BUREAU VERITAS

Reference No.: W7L-240618W001RF12



NTNV-N66-PC3-15-10-M-DFT-256QAM-Outer_Ful I-Ant1-PASS



NTNV-N41-PC3-30-10-M-DFT-PI2BPSK-Outer_Fu II-Ant1-PASS



NTNV-N41-PC3-30-10-M-DFT-QPSK-Outer_Full-Ant1-PASS

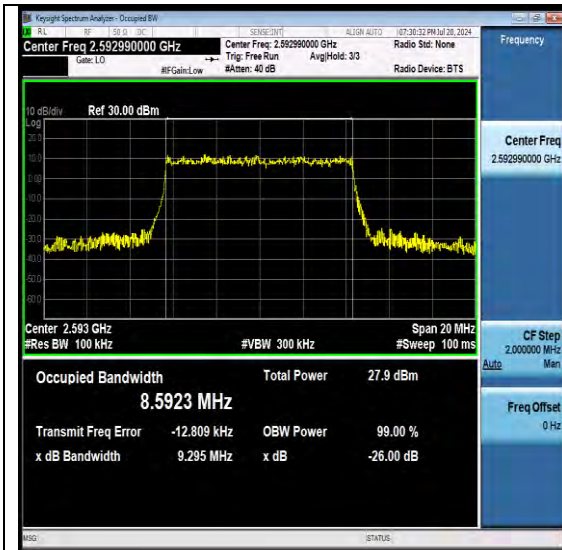


NTNV-N41-PC3-30-10-M-DFT-16QAM-Outer_Full-Ant1-PASS



BUREAU VERITAS

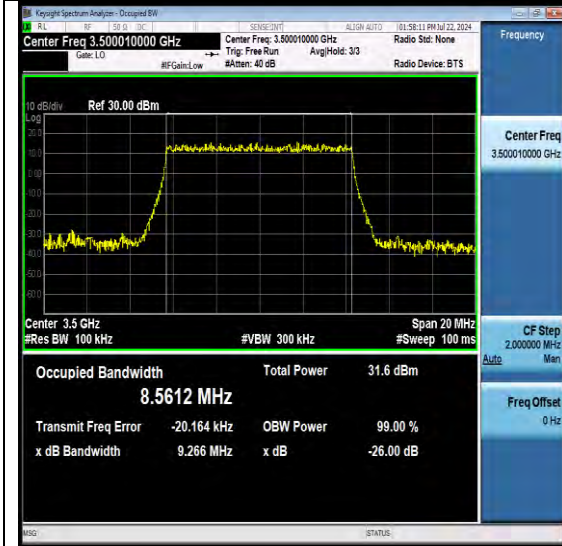
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NTNV-N77-3450-3550-PC2-30-10-M-DFT-PI2BPS K-Outer_Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-10-M-DFT-QPSK-Outer_Full-Ant1-PASS

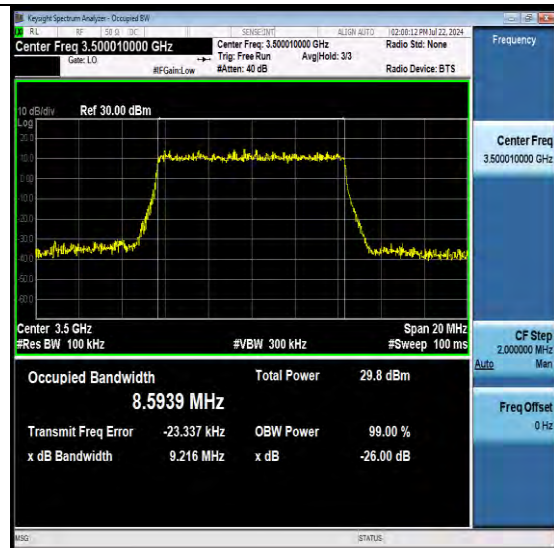


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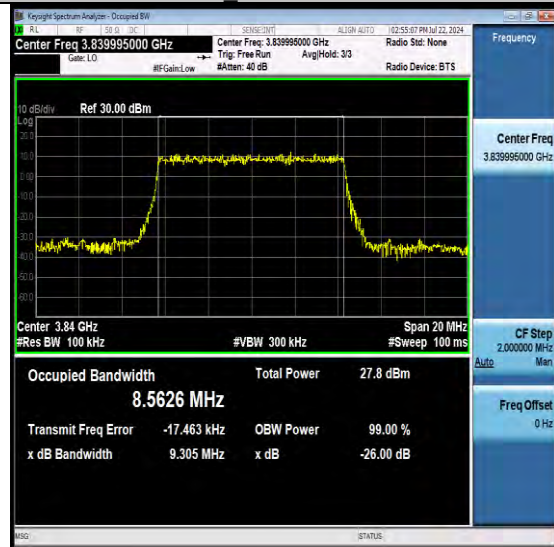
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-Outer Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-10-M-DFT-64QAM
-Outer Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-10-M-DFT-256QA
M-Outer Full-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-10-M-DFT-PI2BPS
K-Outer Full-Ant1-PASS



Reference No.: W7L-240618W001RF12

BUREAU VERITAS



NTNV-N77-3700-3980-PC3-30-10-M-DFT-QPSK-Outer Full-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-10-M-DFT-16QAM-Outer Full-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-10-M-DFT-64QAM-Outer Full-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-10-M-DFT-256QAM-M-Outer Full-Ant1-PASS

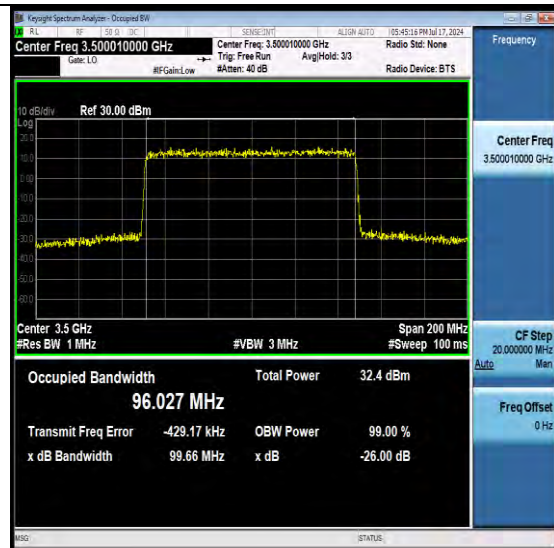


BUREAU VERITAS

Reference No.: W7L-240618W001RF12



NTNV-N77-3450-3550-PC2-30-100-M-DFT-PI2BP SK-Outer Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-100-M-DFT-QPSK -Outer Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-100-M-DFT-16QA M-Outer Full-Ant1-PASS



NTNV-N77-3450-3550-PC2-30-100-M-DFT-64QA M-Outer Full-Ant1-PASS



BUREAU VERITAS

Reference No.: W7L-240618W001RF12



NTNV-N77-3450-3550-PC2-30-100-M-DFT-256Q
AM-Outer Full-Ant1-PASS



NTNV-N77-3700-3980-PC2-30-100-M-DFT-PI2BP
SK-Outer Full-Ant1-PASS



NTNV-N77-3700-3980-PC2-30-100-M-DFT-QPSK
-Outer Full-Ant1-PASS

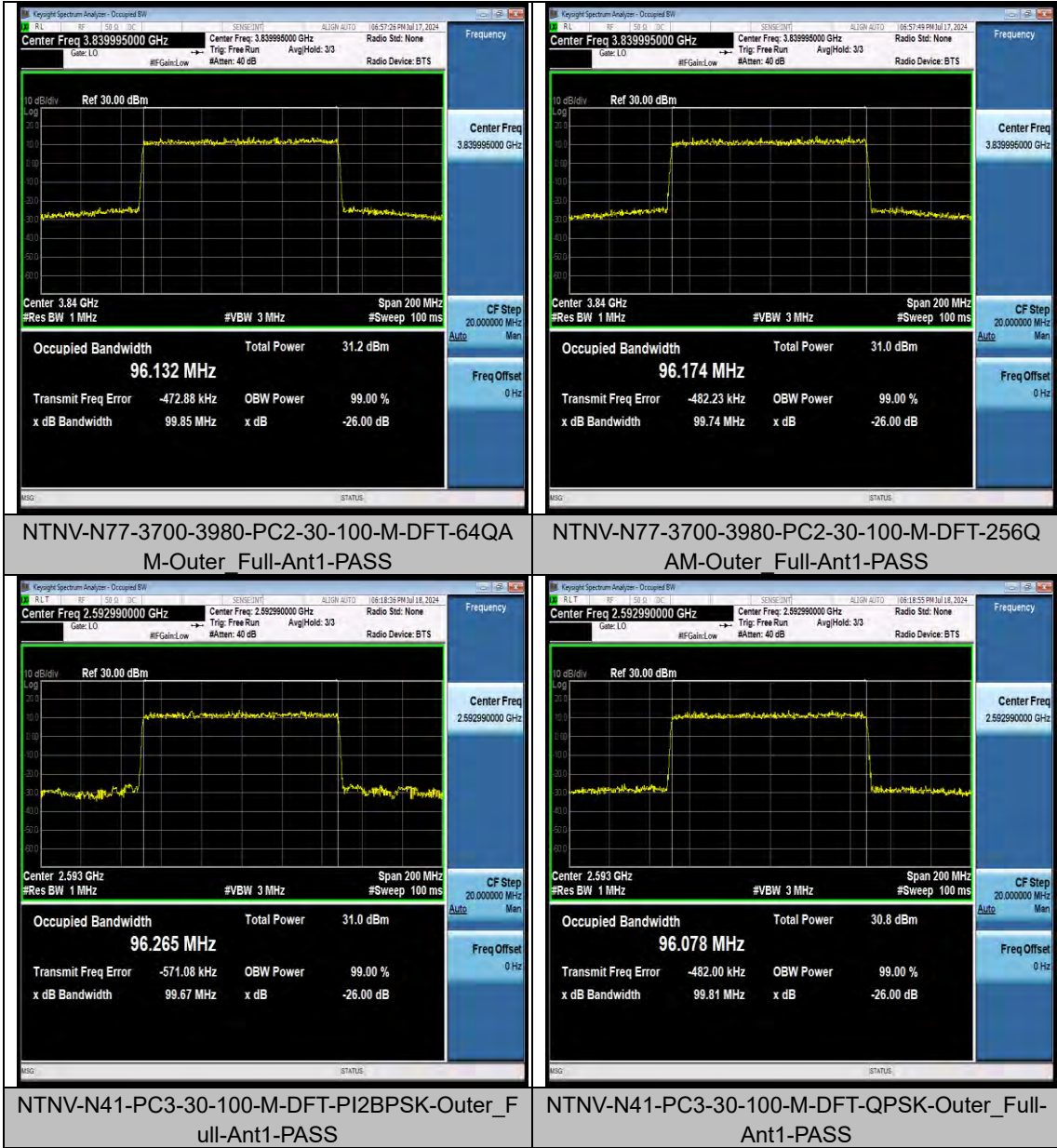


NTNV-N77-3700-3980-PC2-30-100-M-DFT-16QA
M-Outer Full-Ant1-PASS



BUREAU VERITAS

Reference No.: W7L-240618W001RF12



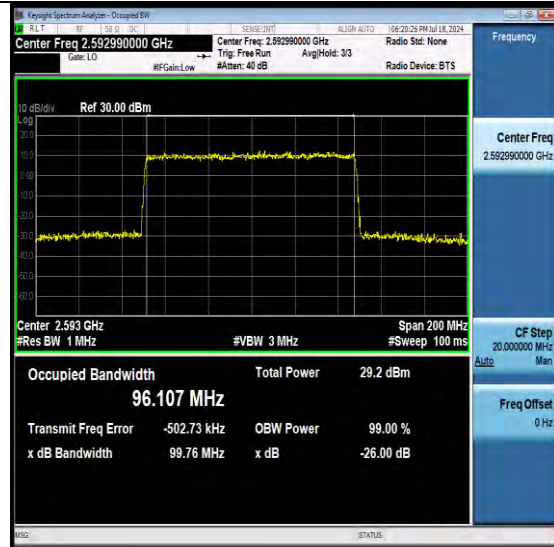


BUREAU VERITAS

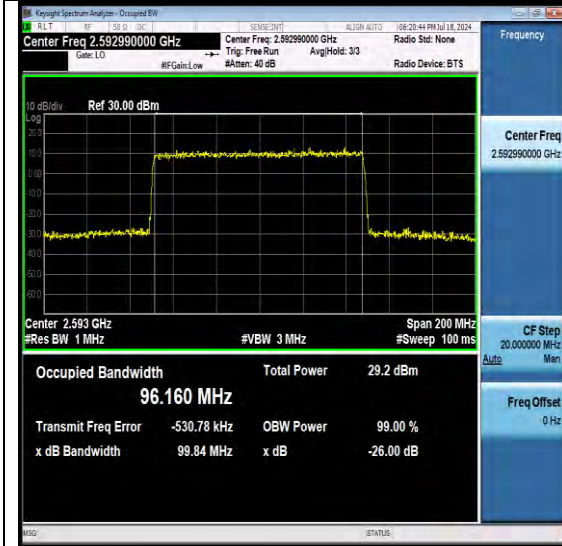
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NTNV-N41-PC3-30-100-M-DFT-16QAM-Outer_Ful I-Ant1-PASS



NTNV-N41-PC3-30-100-M-DFT-64QAM-Outer_Ful I-Ant1-PASS



NTNV-N41-PC3-30-100-M-DFT-256QAM-Outer_Full-Ant1-PASS



NTNV-N26-824-849-PC3-15-15-M-DFT-PI2BPSK-Outer_Full-Ant1-PASS