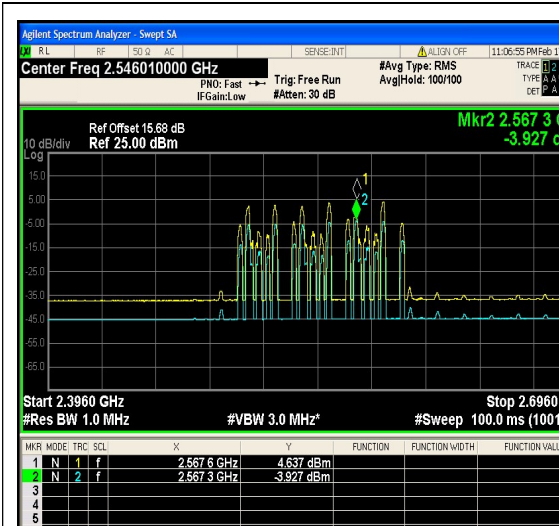
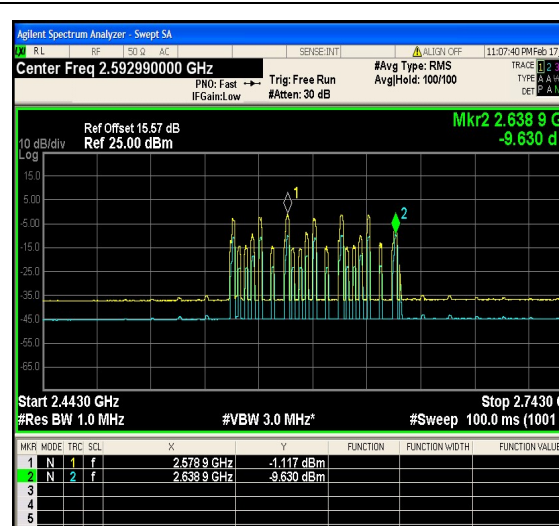
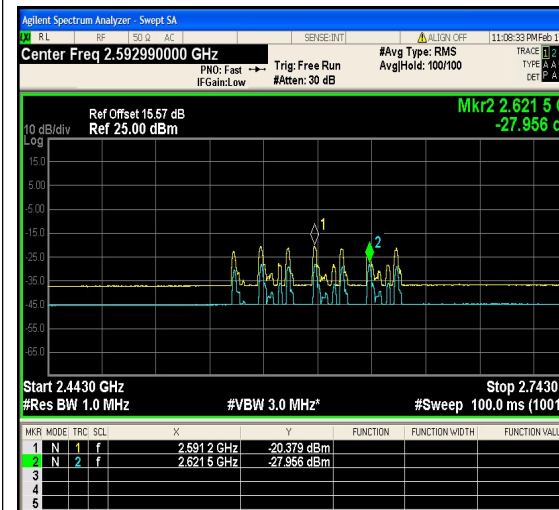




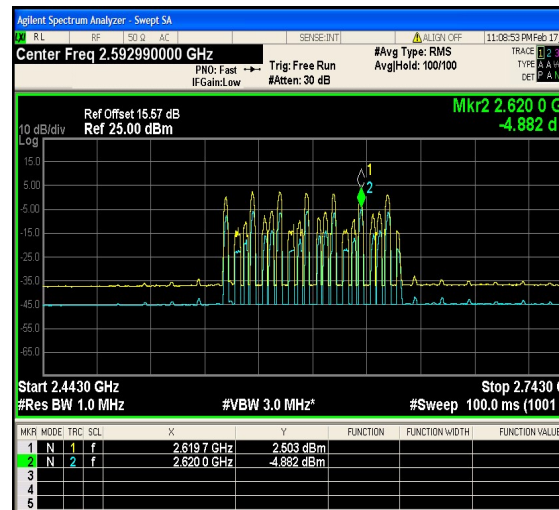
1-N41-PC2-30-100-L-9-CP-256QAM-Out_
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S≤13



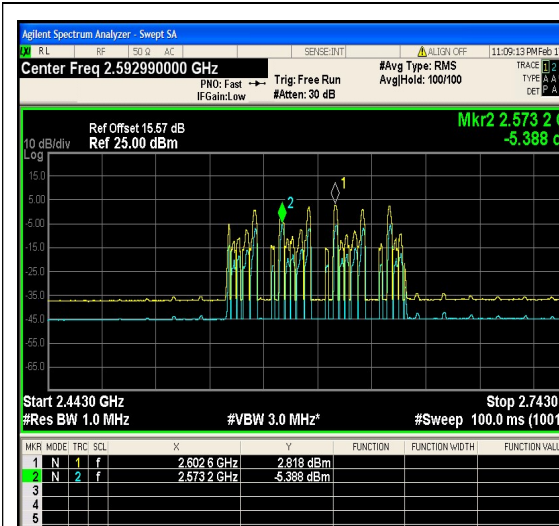
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S≤13



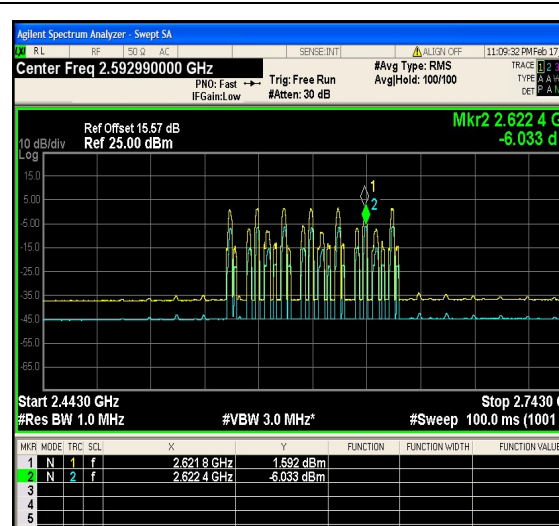
1-N41-PC2-30-100-M-2-DFT-QPSK-Out_F
ull-270@0-Ant1-7.58-100%-0.00-7.58-PAS
≤13



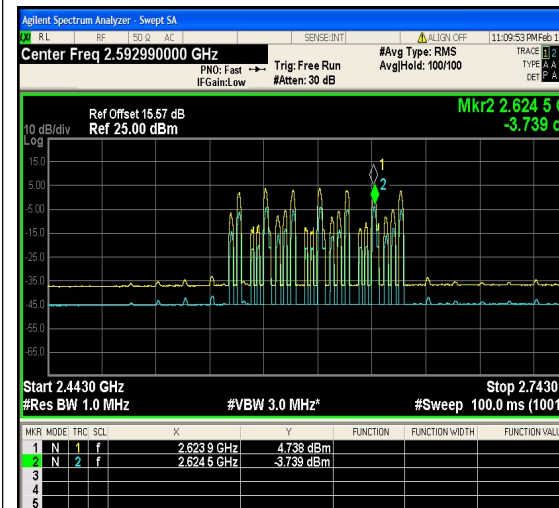
1-N41-PC2-30-100-M-3-DFT-16QAM-Out_
Full-270@0-Ant1-7.38-100%-0.00-7.38-PAS
S≤13



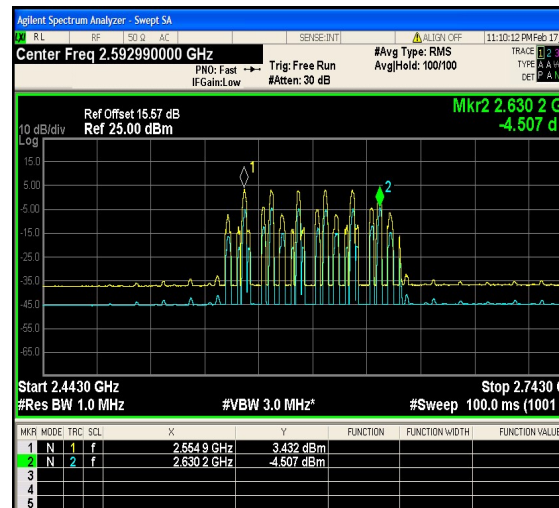
1-N41-PC2-30-100-M-4-DFT-64QAM-Out_
Full-270@0-Ant1-8.21-100%-0.00-8.21-PAS
S≤13



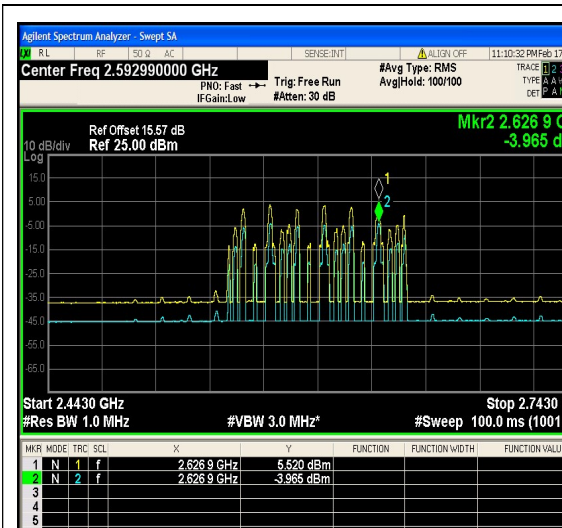
1-N41-PC2-30-100-M-5-DFT-256QAM-Out_
Full-270@0-Ant1-7.62-100%-0.00-7.62-PAS
S≤13



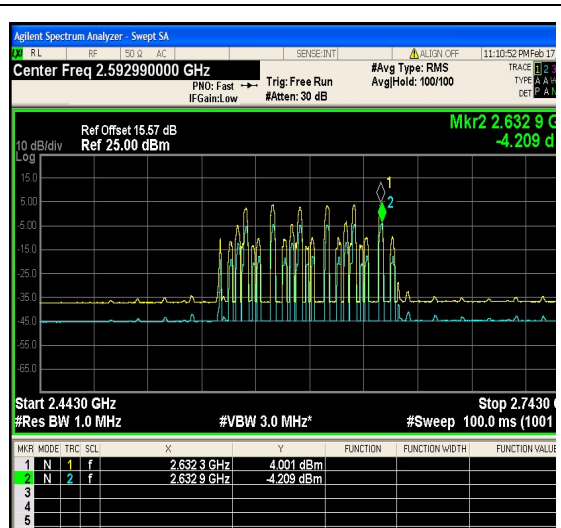
1-N41-PC2-30-100-M-6-CP-QPSK-Out_Ful
l-273@0-Ant1-8.48-100%-0.00-8.48-PASS-≤
13



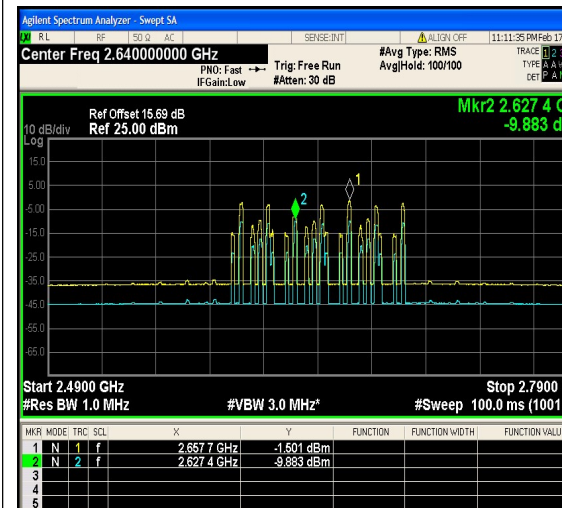
1-N41-PC2-30-100-M-7-CP-16QAM-Out_F
ull-273@0-Ant1-7.94-100%-0.00-7.94-PASS-
≤13



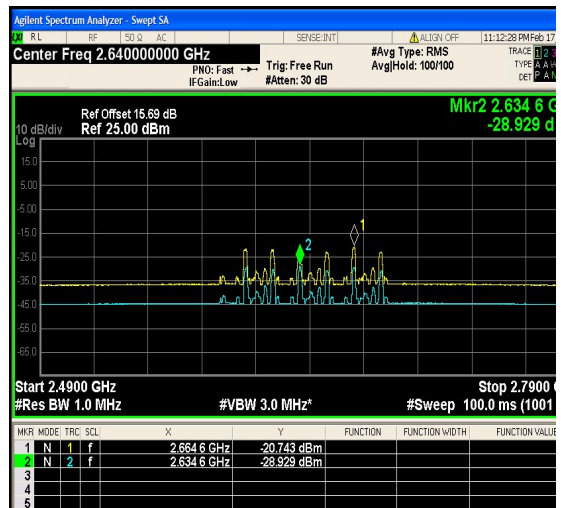
1-N41-PC2-30-100-M-8-CP-64QAM-Outer_Full-273@0-Ant1-9.49-100%-0.00-9.49-PASS-S≤13



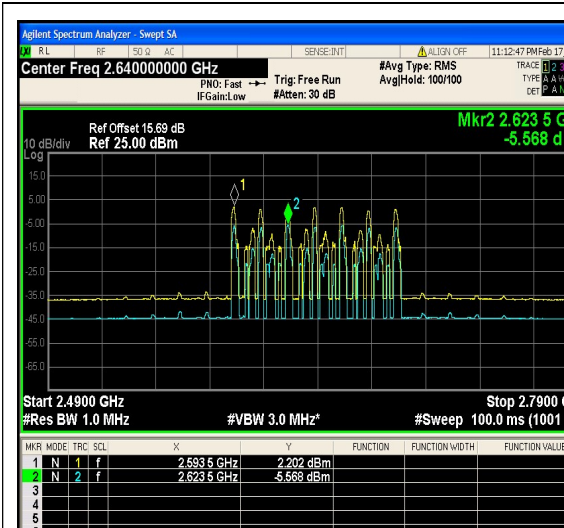
1-N41-PC2-30-100-M-9-CP-256QAM-Outer_Full-273@0-Ant1-8.21-100%-0.00-8.21-PASS-S≤13



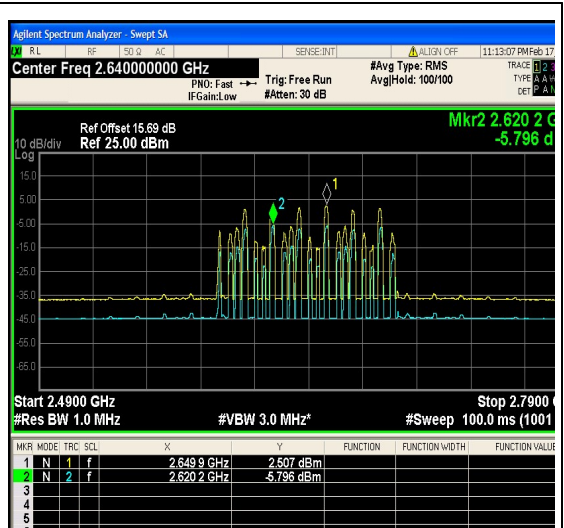
1-N41-PC2-30-100-H-1-DFT-PI2BPSK-Outer_Full-270@0-Ant1-8.38-100%-0.00-8.38-PASS-S≤13



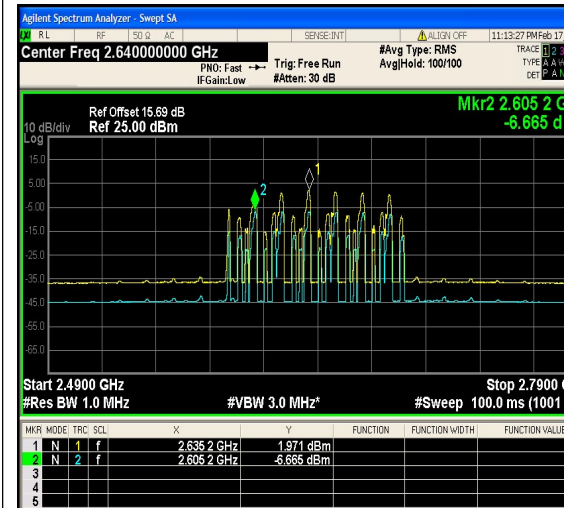
1-N41-PC2-30-100-H-2-DFT-QPSK-Outer_Full-270@0-Ant1-8.19-100%-0.00-8.19-PASS-S≤13



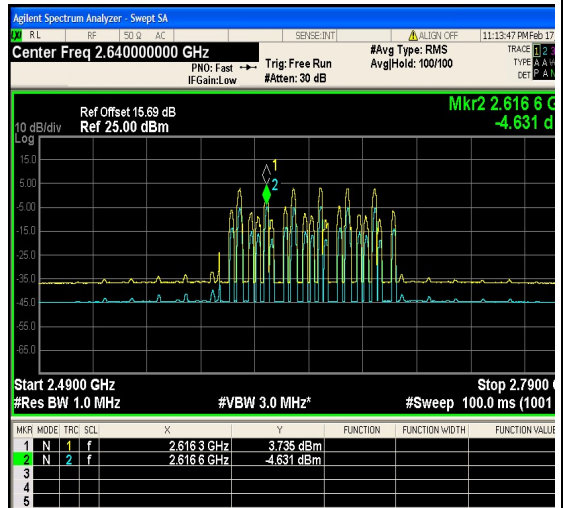
1-N41-PC2-30-100-H-3-DFT-16QAM-Outer_
Full-270@0-Ant1-7.77-100%-0.00-7.77-PAS
S-≤13



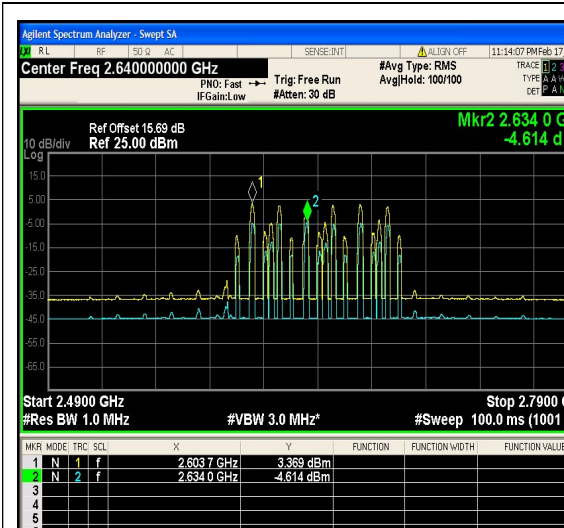
1-N41-PC2-30-100-H-4-DFT-64QAM-Outer_
Full-270@0-Ant1-8.31-100%-0.00-8.31-PAS
S-≤13



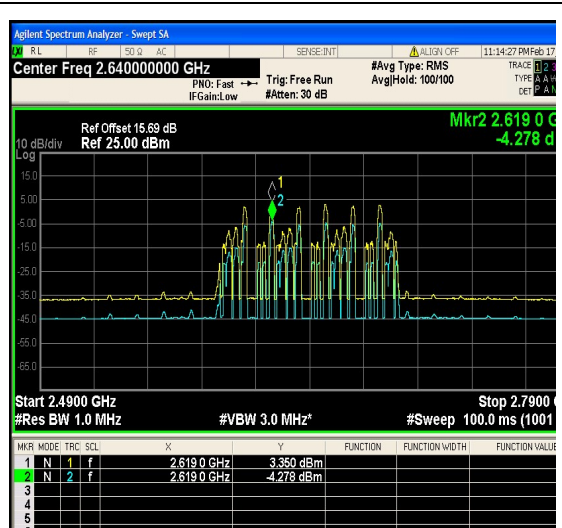
1-N41-PC2-30-100-H-5-DFT-256QAM-Outer_
_Full-270@0-Ant1-8.64-100%-0.00-8.64-PAS
S-≤13



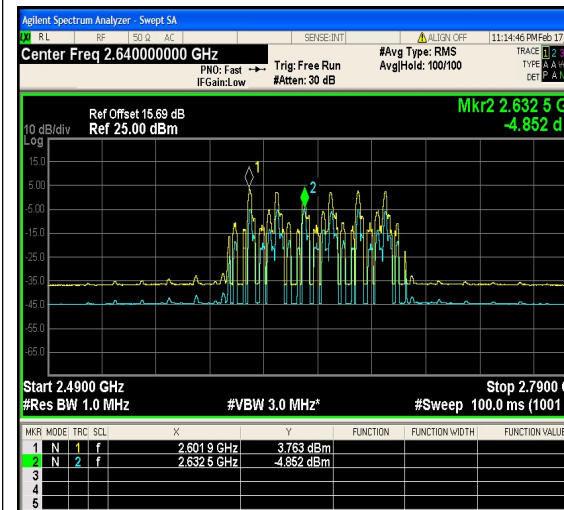
1-N41-PC2-30-100-H-6-CP-QPSK-Outer_Ful
l-273@0-Ant1-8.37-100%-0.00-8.37-PASS-≤
13



1-N41-PC2-30-100-H-7-CP-16QAM-Outer_Full-273@0-Ant1-7.98-100%-0.00-7.98-PASS-
≤13



1-N41-PC2-30-100-H-8-CP-64QAM-Outer_Full-273@0-Ant1-7.63-100%-0.00-7.63-PASS-
≤13



1-N41-PC2-30-100-H-9-CP-256QAM-Outer_Full-273@0-Ant1-8.61-100%-0.00-8.61-PASS-
S≤13

Appendix C: 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	L	Outer_Full	17.685	39.09	PASS
N41	30	20	DFT-PI2BPSK	L	Outer_Full	17.866	39.99	PASS
N41	30	20	DFT-16QAM	L	Outer_Full	17.842	38.49	PASS
N41	30	20	DFT-64QAM	L	Outer_Full	18.010	39.93	PASS
N41	30	20	CP-QPSK	L	Outer_Full	18.071	39.83	PASS
N41	30	20	CP-16QAM	L	Outer_Full	18.410	39.83	PASS
N41	30	20	CP-64QAM	L	Outer_Full	18.380	39.83	PASS
N41	30	20	CP-256QAM	L	Outer_Full	18.400	39.79	PASS
N41	30	20	DFT-QPSK	M	Outer_Full	18.009	37.66	PASS
N41	30	20	DFT-PI2BPSK	M	Outer_Full	17.967	39.99	PASS
N41	30	20	DFT-16QAM	M	Outer_Full	18.076	39.85	PASS
N41	30	20	DFT-64QAM	M	Outer_Full	18.025	39.78	PASS
N41	30	20	CP-QPSK	M	Outer_Full	17.986	38.65	PASS
N41	30	20	CP-16QAM	M	Outer_Full	18.370	40.00	PASS
N41	30	20	CP-64QAM	M	Outer_Full	18.377	40.00	PASS
N41	30	20	CP-256QAM	M	Outer_Full	18.422	40.00	PASS
N41	30	20	DFT-QPSK	H	Outer_Full	18.032	39.76	PASS
N41	30	20	DFT-PI2BPSK	H	Outer_Full	18.037	40.00	PASS
N41	30	20	DFT-16QAM	H	Outer_Full	18.022	39.62	PASS
N41	30	20	DFT-64QAM	H	Outer_Full	18.040	40.00	PASS
N41	30	20	CP-QPSK	H	Outer_Full	18.429	39.98	PASS
N41	30	20	CP-16QAM	H	Outer_Full	18.399	40.00	PASS
N41	30	20	CP-64QAM	H	Outer_Full	18.462	40.00	PASS
N41	30	20	CP-256QAM	H	Outer_Full	18.432	39.94	PASS
N41	30	40	DFT-QPSK	L	Outer_Full	36.059	37.31	PASS
N41	30	40	DFT-PI2BPSK	L	Outer_Full	36.080	37.31	PASS
N41	30	40	DFT-16QAM	L	Outer_Full	36.011	37.28	PASS
N41	30	40	DFT-64QAM	L	Outer_Full	36.058	37.31	PASS
N41	30	40	CP-QPSK	L	Outer_Full	36.054	37.28	PASS
N41	30	40	CP-16QAM	L	Outer_Full	36.053	37.33	PASS
N41	30	40	CP-64QAM	L	Outer_Full	36.053	37.08	PASS
N41	30	40	CP-256QAM	L	Outer_Full	36.062	37.24	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	36.070	37.06	PASS
N41	30	40	DFT-PI2BPSK	M	Outer_Full	36.076	37.07	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	36.022	37.11	PASS

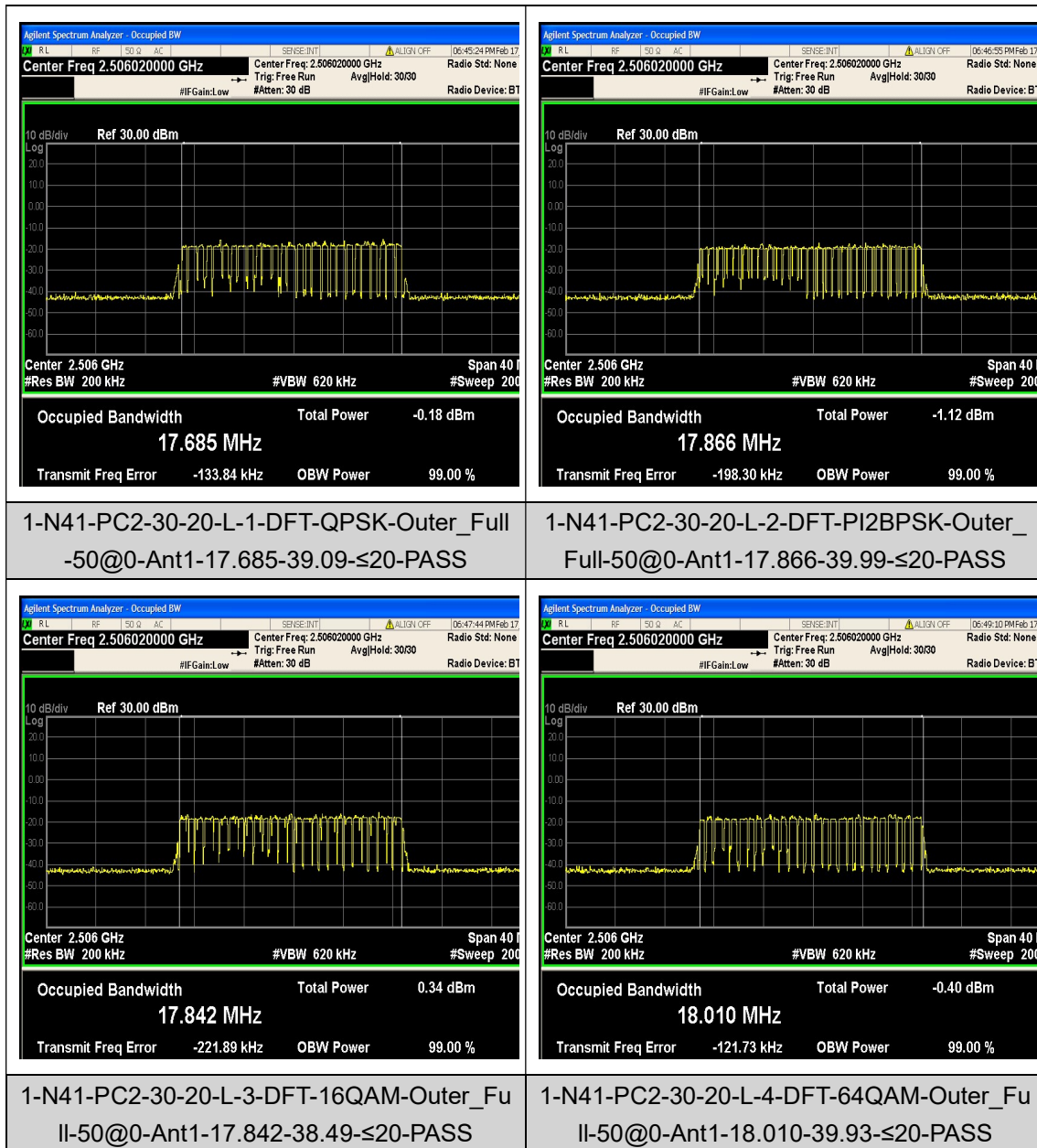
N41	30	40	DFT-64QAM	M	Outer_Full	36.162	37.15	PASS
N41	30	40	CP-QPSK	M	Outer_Full	36.057	37.12	PASS
N41	30	40	CP-16QAM	M	Outer_Full	38.196	39.23	PASS
N41	30	40	CP-64QAM	M	Outer_Full	38.229	39.25	PASS
N41	30	40	CP-256QAM	M	Outer_Full	38.205	39.24	PASS
N41	30	40	DFT-QPSK	H	Outer_Full	36.021	37.07	PASS
N41	30	40	DFT-PI2BPSK	H	Outer_Full	35.975	37.18	PASS
N41	30	40	DFT-16QAM	H	Outer_Full	36.061	37.01	PASS
N41	30	40	DFT-64QAM	H	Outer_Full	36.134	37.13	PASS
N41	30	40	CP-QPSK	H	Outer_Full	35.984	37.02	PASS
N41	30	40	CP-16QAM	H	Outer_Full	38.082	39.18	PASS
N41	30	40	CP-64QAM	H	Outer_Full	38.215	39.19	PASS
N41	30	40	CP-256QAM	H	Outer_Full	38.141	39.19	PASS
N41	30	50	DFT-QPSK	L	Outer_Full	46.251	47.31	PASS
N41	30	50	DFT-PI2BPSK	L	Outer_Full	46.233	47.41	PASS
N41	30	50	DFT-16QAM	L	Outer_Full	46.226	47.46	PASS
N41	30	50	DFT-64QAM	L	Outer_Full	46.200	47.43	PASS
N41	30	50	CP-QPSK	L	Outer_Full	46.226	47.61	PASS
N41	30	50	CP-16QAM	L	Outer_Full	46.223	47.58	PASS
N41	30	50	CP-64QAM	L	Outer_Full	46.192	47.56	PASS
N41	30	50	CP-256QAM	L	Outer_Full	46.228	47.56	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	46.102	47.30	PASS
N41	30	50	DFT-PI2BPSK	M	Outer_Full	46.243	47.41	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	46.255	47.47	PASS
N41	30	50	DFT-64QAM	M	Outer_Full	46.184	47.44	PASS
N41	30	50	CP-QPSK	M	Outer_Full	46.188	47.37	PASS
N41	30	50	CP-16QAM	M	Outer_Full	47.977	49.24	PASS
N41	30	50	CP-64QAM	M	Outer_Full	47.967	49.11	PASS
N41	30	50	CP-256QAM	M	Outer_Full	47.950	49.19	PASS
N41	30	50	DFT-QPSK	H	Outer_Full	46.171	47.31	PASS
N41	30	50	DFT-PI2BPSK	H	Outer_Full	46.149	47.27	PASS
N41	30	50	DFT-16QAM	H	Outer_Full	46.231	47.45	PASS
N41	30	50	DFT-64QAM	H	Outer_Full	46.180	47.32	PASS
N41	30	50	CP-QPSK	H	Outer_Full	46.191	47.25	PASS
N41	30	50	CP-16QAM	H	Outer_Full	47.967	49.10	PASS
N41	30	50	CP-64QAM	H	Outer_Full	47.913	49.05	PASS
N41	30	50	CP-256QAM	H	Outer_Full	47.904	49.13	PASS
N41	30	60	DFT-QPSK	L	Outer_Full	58.600	59.60	PASS
N41	30	60	DFT-PI2BPSK	L	Outer_Full	68.511	59.84	FAIL
N41	30	60	DFT-16QAM	L	Outer_Full	58.444	60.03	PASS
N41	30	60	DFT-64QAM	L	Outer_Full	58.404	59.94	PASS
N41	30	60	CP-QPSK	L	Outer_Full	58.482	60.06	PASS
N41	30	60	CP-16QAM	L	Outer_Full	58.476	59.98	PASS

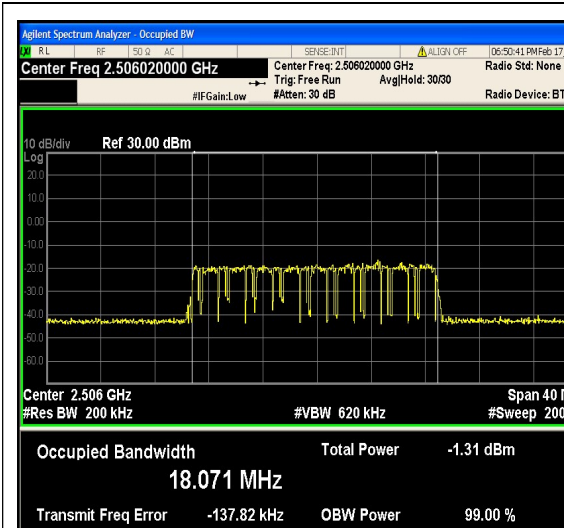
N41	30	60	CP-64QAM	L	Outer_Full	58.477	59.92	PASS
N41	30	60	CP-256QAM	L	Outer_Full	58.371	59.93	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	58.306	59.65	PASS
N41	30	60	DFT-PI2BPSK	M	Outer_Full	58.425	59.82	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	58.470	59.77	PASS
N41	30	60	DFT-64QAM	M	Outer_Full	58.381	59.82	PASS
N41	30	60	CP-QPSK	M	Outer_Full	58.369	59.73	PASS
N41	30	60	CP-16QAM	M	Outer_Full	58.423	59.81	PASS
N41	30	60	CP-64QAM	M	Outer_Full	58.434	59.85	PASS
N41	30	60	CP-256QAM	M	Outer_Full	58.453	59.79	PASS
N41	30	60	DFT-QPSK	H	Outer_Full	58.224	59.75	PASS
N41	30	60	DFT-PI2BPSK	H	Outer_Full	58.367	59.76	PASS
N41	30	60	DFT-16QAM	H	Outer_Full	58.275	59.76	PASS
N41	30	60	DFT-64QAM	H	Outer_Full	58.326	59.80	PASS
N41	30	60	CP-QPSK	H	Outer_Full	58.077	59.72	PASS
N41	30	60	CP-16QAM	H	Outer_Full	58.239	59.60	PASS
N41	30	60	CP-64QAM	H	Outer_Full	58.325	59.84	PASS
N41	30	60	CP-256QAM	H	Outer_Full	58.229	59.71	PASS
N41	30	80	DFT-QPSK	L	Outer_Full	78.169	79.35	PASS
N41	30	80	DFT-PI2BPSK	L	Outer_Full	78.008	79.63	PASS
N41	30	80	DFT-16QAM	L	Outer_Full	77.900	79.79	PASS
N41	30	80	DFT-64QAM	L	Outer_Full	77.945	79.77	PASS
N41	30	80	CP-QPSK	L	Outer_Full	77.843	79.89	PASS
N41	30	80	CP-16QAM	L	Outer_Full	77.944	79.80	PASS
N41	30	80	CP-64QAM	L	Outer_Full	77.752	79.76	PASS
N41	30	80	CP-256QAM	L	Outer_Full	77.887	79.80	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	77.920	79.69	PASS
N41	30	80	DFT-PI2BPSK	M	Outer_Full	77.817	79.57	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	77.899	79.66	PASS
N41	30	80	DFT-64QAM	M	Outer_Full	77.689	79.62	PASS
N41	30	80	CP-QPSK	M	Outer_Full	77.958	79.64	PASS
N41	30	80	CP-16QAM	M	Outer_Full	78.132	79.91	PASS
N41	30	80	CP-64QAM	M	Outer_Full	78.253	79.97	PASS
N41	30	80	CP-256QAM	M	Outer_Full	78.311	79.93	PASS
N41	30	80	DFT-QPSK	H	Outer_Full	77.952	79.54	PASS
N41	30	80	DFT-PI2BPSK	H	Outer_Full	77.777	79.60	PASS
N41	30	80	DFT-16QAM	H	Outer_Full	77.763	79.66	PASS
N41	30	80	DFT-64QAM	H	Outer_Full	77.739	79.49	PASS
N41	30	80	CP-QPSK	H	Outer_Full	77.966	79.45	PASS
N41	30	80	CP-16QAM	H	Outer_Full	78.110	79.89	PASS
N41	30	80	CP-64QAM	H	Outer_Full	78.309	79.81	PASS
N41	30	80	CP-256QAM	H	Outer_Full	78.187	79.90	PASS
N41	30	90	DFT-QPSK	L	Outer_Full	86.724	87.79	PASS

N41	30	90	DFT-PI2BPSK	L	Outer_Full	86.772	88.30	PASS
N41	30	90	DFT-16QAM	L	Outer_Full	86.760	88.72	PASS
N41	30	90	DFT-64QAM	L	Outer_Full	86.495	88.51	PASS
N41	30	90	CP-QPSK	L	Outer_Full	87.737	89.57	PASS
N41	30	90	CP-16QAM	L	Outer_Full	87.756	89.66	PASS
N41	30	90	CP-64QAM	L	Outer_Full	87.767	89.80	PASS
N41	30	90	CP-256QAM	L	Outer_Full	87.767	89.78	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	86.604	88.48	PASS
N41	30	90	DFT-PI2BPSK	M	Outer_Full	86.618	88.45	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	86.553	88.49	PASS
N41	30	90	DFT-64QAM	M	Outer_Full	86.672	88.36	PASS
N41	30	90	CP-QPSK	M	Outer_Full	87.634	89.37	PASS
N41	30	90	CP-16QAM	M	Outer_Full	88.266	90.25	PASS
N41	30	90	CP-64QAM	M	Outer_Full	88.345	90.18	PASS
N41	30	90	CP-256QAM	M	Outer_Full	88.181	90.15	PASS
N41	30	90	DFT-QPSK	H	Outer_Full	86.470	88.32	PASS
N41	30	90	DFT-PI2BPSK	H	Outer_Full	86.544	88.08	PASS
N41	30	90	DFT-16QAM	H	Outer_Full	86.501	88.24	PASS
N41	30	90	DFT-64QAM	H	Outer_Full	86.572	88.49	PASS
N41	30	90	CP-QPSK	H	Outer_Full	87.704	89.45	PASS
N41	30	90	CP-16QAM	H	Outer_Full	88.181	90.18	PASS
N41	30	90	CP-64QAM	H	Outer_Full	88.092	90.11	PASS
N41	30	90	CP-256QAM	H	Outer_Full	88.044	90.08	PASS
N41	30	100	DFT-QPSK	L	Outer_Full	97.399	99.13	PASS
N41	30	100	DFT-PI2BPSK	L	Outer_Full	97.511	99.50	PASS
N41	30	100	DFT-16QAM	L	Outer_Full	97.457	99.56	PASS
N41	30	100	DFT-64QAM	L	Outer_Full	97.403	99.60	PASS
N41	30	100	CP-QPSK	L	Outer_Full	97.385	99.57	PASS
N41	30	100	CP-16QAM	L	Outer_Full	97.445	99.63	PASS
N41	30	100	CP-64QAM	L	Outer_Full	97.425	99.65	PASS
N41	30	100	CP-256QAM	L	Outer_Full	97.447	99.55	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	97.426	99.44	PASS
N41	30	100	DFT-PI2BPSK	M	Outer_Full	97.362	99.44	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	97.419	99.49	PASS
N41	30	100	DFT-64QAM	M	Outer_Full	97.514	99.45	PASS
N41	30	100	CP-QPSK	M	Outer_Full	97.368	99.39	PASS
N41	30	100	CP-16QAM	M	Outer_Full	98.585	100.5	PASS
N41	30	100	CP-64QAM	M	Outer_Full	98.410	100.5	PASS
N41	30	100	CP-256QAM	M	Outer_Full	97.575	100.5	PASS
N41	30	100	DFT-QPSK	H	Outer_Full	97.233	99.30	PASS
N41	30	100	DFT-PI2BPSK	H	Outer_Full	97.187	99.39	PASS
N41	30	100	DFT-16QAM	H	Outer_Full	97.323	99.31	PASS
N41	30	100	DFT-64QAM	H	Outer_Full	97.435	99.40	PASS

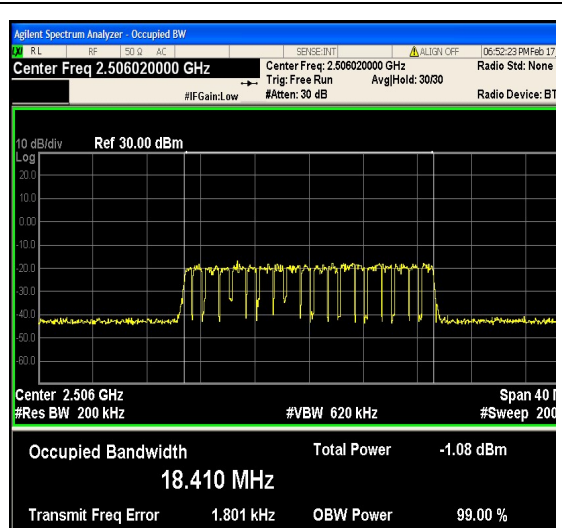
N41	30	100	CP-QPSK	H	Outer_Full	97.274	99.41	PASS
N41	30	100	CP-16QAM	H	Outer_Full	98.302	100.4	PASS
N41	30	100	CP-64QAM	H	Outer_Full	97.926	100.3	PASS
N41	30	100	CP-256QAM	H	Outer_Full	98.217	100.3	PASS
N41	30	60	DFT-PI2BPSK	L	Outer_Full	58.709	60.02	PASS
N41	30	60	DFT-PI2BPSK	L	Outer_Full	58.685	59.94	PASS

Test Graphs

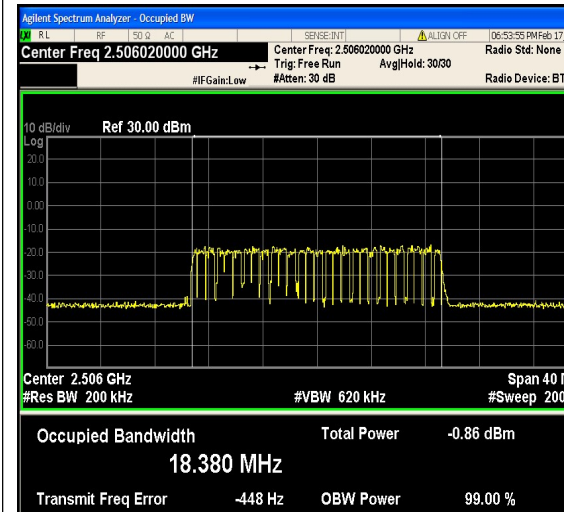




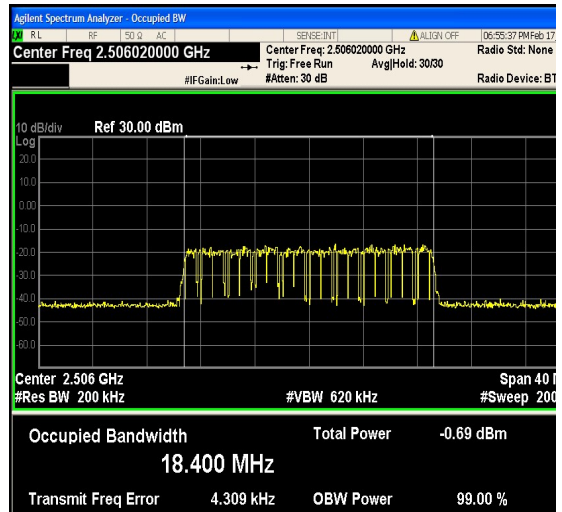
1-N41-PC2-30-20-L-5-CP-QPSK-Outer_Full-
51@0-Ant1-18.071-39.83-≤20-PASS



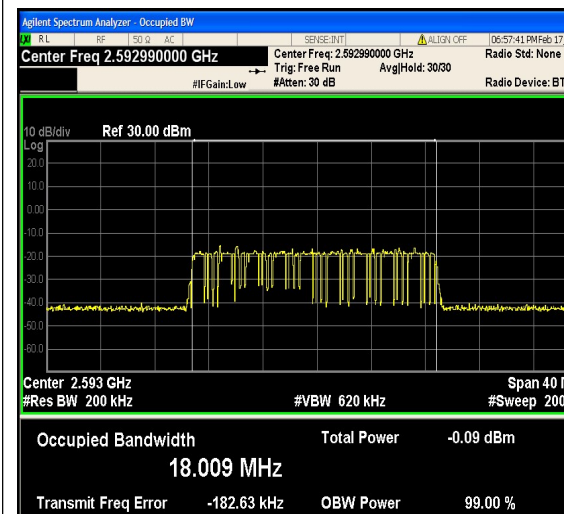
1-N41-PC2-30-20-L-6-CP-16QAM-Outer_Full
-51@0-Ant1-18.410-39.83-≤20-PASS



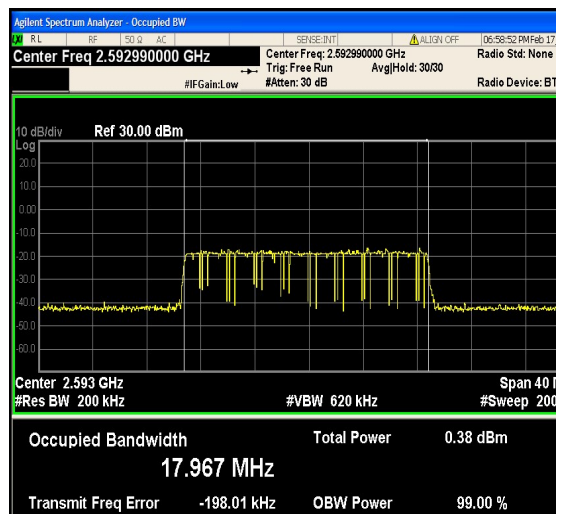
1-N41-PC2-30-20-L-7-CP-64QAM-Outer_Full
-51@0-Ant1-18.380-39.83-≤20-PASS



1-N41-PC2-30-20-L-8-CP-256QAM-Outer_F
ull-51@0-Ant1-18.400-39.79-≤20-PASS



1-N41-PC2-30-20-M-1-DFT-QPSK-Outer_Ful



1-N41-PC2-30-20-M-2-DFT-PI2BPSK-Outer_