

2-2	15MHz-20M Hz	QPSK-QPSK	18803-189 74	75RB#0-100RB #0	NV	-50	4.34	0.00232 0	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18803-189 74	75RB#0-100RB #0	NV	-30	3.86	0.00206 4	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18803-189 74	75RB#0-100RB #0	NV	-20	2.44	0.00130 5	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18803-189 74	75RB#0-100RB #0	NV	-10	5.34	0.00285 5	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18803-189 74	75RB#0-100RB #0	NV	0	4.68	0.00250 2	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18803-189 74	75RB#0-100RB #0	NV	10	2.15	0.00115 0	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18803-189 74	75RB#0-100RB #0	NV	20	3.53	0.00188 7	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18803-189 74	75RB#0-100RB #0	NV	30	-3.77	-0.0020 16	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18803-189 74	75RB#0-100RB #0	NV	-50	4.84	0.00258 8	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18803-189 74	75RB#0-100RB #0	NV	-30	5.59	0.00298 9	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18803-189 74	75RB#0-100RB #0	NV	-20	1.92	0.00102 7	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18803-189 74	75RB#0-100RB #0	NV	-10	4.06	0.00217 1	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18803-189 74	75RB#0-100RB #0	NV	0	3.61	0.00193 0	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18803-189 74	75RB#0-100RB #0	NV	10	4.61	0.00246 5	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18803-189 74	75RB#0-100RB #0	NV	20	5.67	0.00303 2	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18803-189 74	75RB#0-100RB #0	NV	30	3.24	0.00173 2	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18803-189 74	75RB#0-100RB #0	NV	-50	5.99	0.00320 3	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18803-189 74	75RB#0-100RB #0	NV	-30	3.79	0.00202 6	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18803-189 74	75RB#0-100RB #0	NV	-20	5.75	0.00307 4	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18803-189 74	75RB#0-100RB #0	NV	-10	2.55	0.00136 3	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18803-189 74	75RB#0-100RB #0	NV	0	3.21	0.00171 6	±2.5	PASS
2-2	15MHz-20M	64QAM-64Q	18803-189	75RB#0-100RB	NV	10	2.69	0.00143	±2.5	PASS

	Hz	AM	74	#0				8		
2-2	15MHz-20M Hz	64QAM-64Q AM	18803-189 74	75RB#0-100RB #0	NV	20	4.13	0.00220 8	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18803-189 74	75RB#0-100RB #0	NV	30	4.49	0.00240 1	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18929-191 00	75RB#0-100RB #0	NV	-50	2.80	0.00148 7	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18929-191 00	75RB#0-100RB #0	NV	-30	2.17	0.00115 2	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18929-191 00	75RB#0-100RB #0	NV	-20	2.94	0.00156 1	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18929-191 00	75RB#0-100RB #0	NV	-10	1.88	0.00099 8	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18929-191 00	75RB#0-100RB #0	NV	0	-3.40	-0.0018 06	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18929-191 00	75RB#0-100RB #0	NV	10	4.28	0.00227 3	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18929-191 00	75RB#0-100RB #0	NV	20	4.16	0.00220 9	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18929-191 00	75RB#0-100RB #0	NV	30	3.55	0.00188 5	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18929-191 00	75RB#0-100RB #0	NV	-50	2.54	0.00134 9	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18929-191 00	75RB#0-100RB #0	NV	-30	1.75	0.00092 9	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18929-191 00	75RB#0-100RB #0	NV	-20	3.83	0.00203 4	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18929-191 00	75RB#0-100RB #0	NV	-10	-3.38	-0.0017 95	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18929-191 00	75RB#0-100RB #0	NV	0	3.60	0.00191 2	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18929-191 00	75RB#0-100RB #0	NV	10	3.81	0.00202 3	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18929-191 00	75RB#0-100RB #0	NV	20	5.20	0.00276 2	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18929-191 00	75RB#0-100RB #0	NV	30	3.44	0.00182 7	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18929-191 00	75RB#0-100RB #0	NV	-50	3.24	0.00172 1	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18929-191 00	75RB#0-100RB #0	NV	-30	3.45	0.00183 2	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18929-191 00	75RB#0-100RB #0	NV	-20	3.89	0.00206 6	±2.5	PASS

2-2	15MHz-20M Hz	64QAM-64Q AM	18929-191 00	75RB#0-100RB #0	NV	-10	3.28	0.00174 2	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18929-191 00	75RB#0-100RB #0	NV	0	5.08	0.00269 8	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18929-191 00	75RB#0-100RB #0	NV	10	5.02	0.00266 6	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18929-191 00	75RB#0-100RB #0	NV	20	3.50	0.00185 9	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18929-191 00	75RB#0-100RB #0	NV	30	3.15	0.00167 3	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	18700-188 17	100RB#0-25RB #0	NV	-50	-3.63	-0.0019 52	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	18700-188 17	100RB#0-25RB #0	NV	-30	-3.24	-0.0017 42	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	18700-188 17	100RB#0-25RB #0	NV	-20	-4.29	-0.0023 06	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	18700-188 17	100RB#0-25RB #0	NV	-10	4.00	0.00215 1	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	18700-188 17	100RB#0-25RB #0	NV	0	2.96	0.00159 1	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	18700-188 17	100RB#0-25RB #0	NV	10	-2.47	-0.0013 28	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	18700-188 17	100RB#0-25RB #0	NV	20	2.97	0.00159 7	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	18700-188 17	100RB#0-25RB #0	NV	30	2.61	0.00140 3	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	18700-188 17	100RB#0-25RB #0	NV	-50	-3.34	-0.0017 96	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	18700-188 17	100RB#0-25RB #0	NV	-30	-2.81	-0.0015 11	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	18700-188 17	100RB#0-25RB #0	NV	-20	4.87	0.00261 8	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	18700-188 17	100RB#0-25RB #0	NV	-10	3.28	0.00176 3	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	18700-188 17	100RB#0-25RB #0	NV	0	3.76	0.00202 2	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	18700-188 17	100RB#0-25RB #0	NV	10	3.31	0.00178 0	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	18700-188 17	100RB#0-25RB #0	NV	20	2.49	0.00133 9	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	18700-188 17	100RB#0-25RB #0	NV	30	3.37	0.00181 2	±2.5	PASS
2-2	20MHz-5MH	64QAM-64Q	18700-188	100RB#0-25RB	NV	10	3.83	0.00205	±2.5	PASS

	z	AM	17	#0				9		
2-2	20MHz-5MH z	64QAM-64Q AM	18700-188 17	100RB#0-25RB #0	NV	20	3.64	0.00195 7	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	18700-188 17	100RB#0-25RB #0	NV	30	2.36	0.00126 9	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	18875-189 92	100RB#0-25RB #0	NV	-50	2.42	0.00128 9	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	18875-189 92	100RB#0-25RB #0	NV	-30	1.85	0.00098 5	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	18875-189 92	100RB#0-25RB #0	NV	-20	-5.07	-0.0027 00	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	18875-189 92	100RB#0-25RB #0	NV	-10	-4.44	-0.0023 65	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	18875-189 92	100RB#0-25RB #0	NV	0	-3.84	-0.0020 45	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	18700-188 17	100RB#0-25RB #0	NV	-50	-2.90	-0.0015 59	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	18700-188 17	100RB#0-25RB #0	NV	-30	-3.39	-0.0018 23	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	18700-188 17	100RB#0-25RB #0	NV	-20	6.16	0.00331 2	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	18700-188 17	100RB#0-25RB #0	NV	-10	2.29	0.00123 1	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	18700-188 17	100RB#0-25RB #0	NV	0	4.04	0.00217 2	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	18875-189 92	100RB#0-25RB #0	NV	10	-5.02	-0.0026 74	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	18875-189 92	100RB#0-25RB #0	NV	20	-5.35	-0.0028 50	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	18875-189 92	100RB#0-25RB #0	NV	30	-5.69	-0.0030 31	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	18875-189 92	100RB#0-25RB #0	NV	-50	3.34	0.00177 9	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	18875-189 92	100RB#0-25RB #0	NV	-30	2.95	0.00157 1	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	18875-189 92	100RB#0-25RB #0	NV	-20	2.47	0.00131 6	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	18875-189 92	100RB#0-25RB #0	NV	-10	3.20	0.00170 4	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	18875-189 92	100RB#0-25RB #0	NV	0	-3.67	-0.0019 55	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	18875-189 92	100RB#0-25RB #0	NV	10	-2.25	-0.0011 98	±2.5	PASS

2-2	20MHz-5MH z	16QAM-16Q AM	18875-189 92	100RB#0-25RB #0	NV	20	-3.98	-0.0021 20	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	18875-189 92	100RB#0-25RB #0	NV	30	-2.67	-0.0014 22	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	18875-189 92	100RB#0-25RB #0	NV	-50	-1.26	-0.0006 71	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	18875-189 92	100RB#0-25RB #0	NV	-30	-3.34	-0.0017 79	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	18875-189 92	100RB#0-25RB #0	NV	-20	-3.77	-0.0020 08	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	18875-189 92	100RB#0-25RB #0	NV	-10	-4.82	-0.0025 67	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	18875-189 92	100RB#0-25RB #0	NV	0	-2.44	-0.0013 00	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	18875-189 92	100RB#0-25RB #0	NV	10	-3.52	-0.0018 75	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	18875-189 92	100RB#0-25RB #0	NV	20	-2.29	-0.0012 20	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	18875-189 92	100RB#0-25RB #0	NV	30	-4.57	-0.0024 34	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	19050-191 67	100RB#0-25RB #0	NV	-50	-3.19	-0.0016 83	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	19050-191 67	100RB#0-25RB #0	NV	-30	2.02	0.00106 6	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	19050-191 67	100RB#0-25RB #0	NV	-20	4.13	0.00217 9	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	19050-191 67	100RB#0-25RB #0	NV	-10	3.26	0.00172 0	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	19050-191 67	100RB#0-25RB #0	NV	0	4.38	0.00231 1	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	19050-191 67	100RB#0-25RB #0	NV	10	-2.77	-0.0014 62	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	19050-191 67	100RB#0-25RB #0	NV	20	2.40	0.00126 6	±2.5	PASS
2-2	20MHz-5MH z	QPSK-QPSK	19050-191 67	100RB#0-25RB #0	NV	30	4.17	0.00220 1	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	19050-191 67	100RB#0-25RB #0	NV	-50	3.25	0.00171 5	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	19050-191 67	100RB#0-25RB #0	NV	-30	3.45	0.00182 1	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	19050-191 67	100RB#0-25RB #0	NV	-20	5.05	0.00266 5	±2.5	PASS
2-2	20MHz-5MH	16QAM-16Q	19050-191	100RB#0-25RB	NV	-10	-4.66	-0.0024	±2.5	PASS

	z	AM	67	#0				59		
2-2	20MHz-5MH z	16QAM-16Q AM	19050-191 67	100RB#0-25RB #0	NV	0	2.59	0.00136 7	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	19050-191 67	100RB#0-25RB #0	NV	10	3.21	0.00169 4	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	19050-191 67	100RB#0-25RB #0	NV	20	-1.85	-0.0009 76	±2.5	PASS
2-2	20MHz-5MH z	16QAM-16Q AM	19050-191 67	100RB#0-25RB #0	NV	30	2.29	0.00120 8	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	19050-191 67	100RB#0-25RB #0	NV	-50	2.49	0.00131 4	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	19050-191 67	100RB#0-25RB #0	NV	-30	-4.29	-0.0022 64	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	19050-191 67	100RB#0-25RB #0	NV	-20	2.46	0.00129 8	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	19050-191 67	100RB#0-25RB #0	NV	-10	3.63	0.00191 6	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	19050-191 67	100RB#0-25RB #0	NV	0	4.63	0.00244 3	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	19050-191 67	100RB#0-25RB #0	NV	10	2.71	0.00143 0	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	19050-191 67	100RB#0-25RB #0	NV	20	1.54	0.00081 3	±2.5	PASS
2-2	20MHz-5MH z	64QAM-64Q AM	19050-191 67	100RB#0-25RB #0	NV	30	3.25	0.00171 5	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18700-188 71	100RB#0-75RB #0	NV	-50	4.06	0.00218 3	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18700-188 71	100RB#0-75RB #0	NV	-30	-2.80	-0.0015 05	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18700-188 71	100RB#0-75RB #0	NV	-20	4.55	0.00244 6	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18700-188 71	100RB#0-75RB #0	NV	-10	2.96	0.00159 1	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18700-188 71	100RB#0-75RB #0	NV	0	4.27	0.00229 6	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18700-188 71	100RB#0-75RB #0	NV	10	-4.05	-0.0021 77	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18700-188 71	100RB#0-75RB #0	NV	20	4.91	0.00264 0	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18700-188 71	100RB#0-75RB #0	NV	30	4.10	0.00220 4	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18700-188 71	100RB#0-75RB #0	NV	-50	4.58	0.00246 2	±2.5	PASS

2-2	20MHz-15M Hz	16QAM-16Q AM	18700-188 71	100RB#0-75RB #0	NV	-30	4.91	0.00264 0	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18700-188 71	100RB#0-75RB #0	NV	-20	5.23	0.00281 2	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18700-188 71	100RB#0-75RB #0	NV	-10	2.87	0.00154 3	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18700-188 71	100RB#0-75RB #0	NV	0	4.34	0.00233 3	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18700-188 71	100RB#0-75RB #0	NV	10	5.25	0.00282 3	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18700-188 71	100RB#0-75RB #0	NV	20	2.80	0.00150 5	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18700-188 71	100RB#0-75RB #0	NV	30	2.41	0.00129 6	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18700-188 71	100RB#0-75RB #0	NV	-50	3.24	0.00174 2	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18700-188 71	100RB#0-75RB #0	NV	-30	3.53	0.00189 8	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18700-188 71	100RB#0-75RB #0	NV	-20	4.13	0.00222 0	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18700-188 71	100RB#0-75RB #0	NV	-10	3.67	0.00197 3	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18700-188 71	100RB#0-75RB #0	NV	0	3.49	0.00187 6	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18700-188 71	100RB#0-75RB #0	NV	10	3.13	0.00168 3	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18700-188 71	100RB#0-75RB #0	NV	20	3.02	0.00162 4	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18700-188 71	100RB#0-75RB #0	NV	30	-3.22	-0.0017 31	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18826-189 97	100RB#0-75RB #0	NV	-50	2.75	0.00146 9	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18826-189 97	100RB#0-75RB #0	NV	-30	3.47	0.00185 3	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18826-189 97	100RB#0-75RB #0	NV	-20	4.27	0.00228 0	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18826-189 97	100RB#0-75RB #0	NV	-10	-2.04	-0.0010 89	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18826-189 97	100RB#0-75RB #0	NV	0	3.03	0.00161 8	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18826-189 97	100RB#0-75RB #0	NV	10	3.94	0.00210 4	±2.5	PASS
2-2	20MHz-15M	QPSK-QPSK	18826-189	100RB#0-75RB	NV	20	3.58	0.00191	±2.5	PASS



	Hz		97	#0				2		
2-2	20MHz-15M Hz	QPSK-QPSK	18826-189 97	100RB#0-75RB #0	NV	30	4.02	0.00214 7	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18826-189 97	100RB#0-75RB #0	NV	-50	2.86	0.00152 7	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18826-189 97	100RB#0-75RB #0	NV	-30	2.97	0.00158 6	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18826-189 97	100RB#0-75RB #0	NV	-20	3.51	0.00187 4	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18826-189 97	100RB#0-75RB #0	NV	-10	4.01	0.00214 1	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18826-189 97	100RB#0-75RB #0	NV	0	2.66	0.00142 0	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18826-189 97	100RB#0-75RB #0	NV	10	4.13	0.00220 5	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18826-189 97	100RB#0-75RB #0	NV	20	3.91	0.00208 8	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18826-189 97	100RB#0-75RB #0	NV	30	4.28	0.00228 6	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18826-189 97	100RB#0-75RB #0	NV	-50	2.78	0.00148 5	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18826-189 97	100RB#0-75RB #0	NV	-30	4.25	0.00227 0	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18826-189 97	100RB#0-75RB #0	NV	-20	2.93	0.00156 5	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18826-189 97	100RB#0-75RB #0	NV	-10	3.93	0.00209 9	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18826-189 97	100RB#0-75RB #0	NV	0	-4.77	-0.0025 47	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18826-189 97	100RB#0-75RB #0	NV	10	3.77	0.00201 3	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18826-189 97	100RB#0-75RB #0	NV	20	-2.11	-0.0011 27	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18826-189 97	100RB#0-75RB #0	NV	30	1.77	0.00094 5	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18951-191 22	100RB#0-75RB #0	NV	-50	6.02	0.00319 3	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18951-191 22	100RB#0-75RB #0	NV	-30	4.94	0.00262 1	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18951-191 22	100RB#0-75RB #0	NV	-20	5.26	0.00279 0	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18951-191 22	100RB#0-75RB #0	NV	-10	4.95	0.00262 6	±2.5	PASS



2-2	20MHz-15M Hz	QPSK-QPSK	18951-191 22	100RB#0-75RB #0	NV	0	1.15	0.00061 0	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18951-191 22	100RB#0-75RB #0	NV	10	3.74	0.00198 4	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18951-191 22	100RB#0-75RB #0	NV	20	-2.48	-0.0013 16	±2.5	PASS
2-2	20MHz-15M Hz	QPSK-QPSK	18951-191 22	100RB#0-75RB #0	NV	30	-3.60	-0.0019 10	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18951-191 22	100RB#0-75RB #0	NV	-50	6.64	0.00352 2	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18951-191 22	100RB#0-75RB #0	NV	-30	2.10	0.00111 4	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18951-191 22	100RB#0-75RB #0	NV	-20	5.01	0.00265 8	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18951-191 22	100RB#0-75RB #0	NV	-10	4.01	0.00212 7	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18951-191 22	100RB#0-75RB #0	NV	0	4.78	0.00253 6	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18951-191 22	100RB#0-75RB #0	NV	10	1.91	0.00101 3	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18951-191 22	100RB#0-75RB #0	NV	20	3.73	0.00197 9	±2.5	PASS
2-2	20MHz-15M Hz	16QAM-16Q AM	18951-191 22	100RB#0-75RB #0	NV	30	3.12	0.00165 5	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18951-191 22	100RB#0-75RB #0	NV	-50	3.56	0.00188 8	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18951-191 22	100RB#0-75RB #0	NV	-30	4.08	0.00216 4	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18951-191 22	100RB#0-75RB #0	NV	-20	3.51	0.00186 2	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18951-191 22	100RB#0-75RB #0	NV	-10	3.36	0.00178 2	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18951-191 22	100RB#0-75RB #0	NV	0	6.00	0.00318 3	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18951-191 22	100RB#0-75RB #0	NV	10	3.67	0.00194 7	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18951-191 22	100RB#0-75RB #0	NV	20	2.91	0.00154 4	±2.5	PASS
2-2	20MHz-15M Hz	64QAM-64Q AM	18951-191 22	100RB#0-75RB #0	NV	30	7.10	0.00376 6	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18700-188 98	100RB#0-100R B#0	NV	-50	2.94	0.00158 1	±2.5	PASS
2-2	20MHz-20M	QPSK-QPSK	18700-188	100RB#0-100R	NV	-30	1.99	0.00107	±2.5	PASS

	Hz		98	B#0				0		
2-2	20MHz-20M Hz	QPSK-QPSK	18700-188 98	100RB#0-100R B#0	NV	-20	5.92	0.00318 3	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18700-188 98	100RB#0-100R B#0	NV	-10	4.10	0.00220 4	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18700-188 98	100RB#0-100R B#0	NV	0	2.59	0.00139 2	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18700-188 98	100RB#0-100R B#0	NV	10	8.26	0.00444 1	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18700-188 98	100RB#0-100R B#0	NV	20	3.35	0.00180 1	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18700-188 98	100RB#0-100R B#0	NV	30	2.96	0.00159 1	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18700-188 98	100RB#0-100R B#0	NV	-50	3.51	0.00188 7	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18700-188 98	100RB#0-100R B#0	NV	-30	4.85	0.00260 8	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18700-188 98	100RB#0-100R B#0	NV	-20	4.02	0.00216 1	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18700-188 98	100RB#0-100R B#0	NV	-10	3.10	0.00166 7	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18700-188 98	100RB#0-100R B#0	NV	0	3.49	0.00187 6	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18700-188 98	100RB#0-100R B#0	NV	10	3.69	0.00198 4	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18700-188 98	100RB#0-100R B#0	NV	20	4.04	0.00217 2	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18700-188 98	100RB#0-100R B#0	NV	30	4.16	0.00223 7	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18700-188 98	100RB#0-100R B#0	NV	-50	2.68	0.00144 1	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18700-188 98	100RB#0-100R B#0	NV	-30	4.87	0.00261 8	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18700-188 98	100RB#0-100R B#0	NV	-20	3.58	0.00192 5	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18700-188 98	100RB#0-100R B#0	NV	-10	3.47	0.00186 6	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18700-188 98	100RB#0-100R B#0	NV	0	3.34	0.00179 6	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18700-188 98	100RB#0-100R B#0	NV	10	4.41	0.00237 1	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18700-188 98	100RB#0-100R B#0	NV	20	3.38	0.00181 7	±2.5	PASS

2-2	20MHz-20M Hz	64QAM-64Q AM	18700-188 98	100RB#0-100R B#0	NV	30	3.09	0.00166 1	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18801-189 99	100RB#0-100R B#0	NV	-50	3.90	0.00208 5	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18801-189 99	100RB#0-100R B#0	NV	-30	5.34	0.00285 5	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18801-189 99	100RB#0-100R B#0	NV	-20	2.72	0.00145 4	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18801-189 99	100RB#0-100R B#0	NV	-10	5.79	0.00309 6	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18801-189 99	100RB#0-100R B#0	NV	0	4.68	0.00250 3	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18801-189 99	100RB#0-100R B#0	NV	10	5.40	0.00288 8	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18801-189 99	100RB#0-100R B#0	NV	20	-4.34	-0.0023 21	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18801-189 99	100RB#0-100R B#0	NV	30	-2.74	-0.0014 65	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18801-189 99	100RB#0-100R B#0	NV	-50	6.41	0.00342 8	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18801-189 99	100RB#0-100R B#0	NV	-30	3.84	0.00205 3	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18801-189 99	100RB#0-100R B#0	NV	-20	2.92	0.00156 1	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18801-189 99	100RB#0-100R B#0	NV	-10	3.69	0.00197 3	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18801-189 99	100RB#0-100R B#0	NV	0	3.14	0.00167 9	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18801-189 99	100RB#0-100R B#0	NV	10	3.84	0.00205 3	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18801-189 99	100RB#0-100R B#0	NV	20	3.07	0.00164 2	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18801-189 99	100RB#0-100R B#0	NV	30	3.67	0.00196 2	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18801-189 99	100RB#0-100R B#0	NV	-50	3.00	0.00160 4	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18801-189 99	100RB#0-100R B#0	NV	-30	3.28	0.00175 4	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18801-189 99	100RB#0-100R B#0	NV	-20	3.46	0.00185 0	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18801-189 99	100RB#0-100R B#0	NV	-10	3.49	0.00186 6	±2.5	PASS
2-2	20MHz-20M	64QAM-64Q	18801-189	100RB#0-100R	NV	0	3.12	0.00166	±2.5	PASS

	Hz	AM	99	B#0				8		
2-2	20MHz-20M Hz	64QAM-64Q AM	18801-189 99	100RB#0-100R B#0	NV	10	7.07	0.00378 1	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18801-189 99	100RB#0-100R B#0	NV	20	3.46	0.00185 0	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18801-189 99	100RB#0-100R B#0	NV	30	3.74	0.00200 0	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18902-191 00	100RB#0-100R B#0	NV	-50	4.94	0.00262 7	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18902-191 00	100RB#0-100R B#0	NV	-30	2.82	0.00150 0	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18902-191 00	100RB#0-100R B#0	NV	-20	4.02	0.00213 8	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18902-191 00	100RB#0-100R B#0	NV	-10	3.67	0.00195 2	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18902-191 00	100RB#0-100R B#0	NV	0	3.45	0.00183 5	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18902-191 00	100RB#0-100R B#0	NV	10	-2.77	-0.0014 73	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18902-191 00	100RB#0-100R B#0	NV	20	-3.18	-0.0016 91	±2.5	PASS
2-2	20MHz-20M Hz	QPSK-QPSK	18902-191 00	100RB#0-100R B#0	NV	30	2.76	0.00146 8	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18902-191 00	100RB#0-100R B#0	NV	-50	3.22	0.00171 3	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18902-191 00	100RB#0-100R B#0	NV	-30	5.46	0.00290 4	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18902-191 00	100RB#0-100R B#0	NV	-20	3.01	0.00160 1	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18902-191 00	100RB#0-100R B#0	NV	-10	-3.54	-0.0018 83	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18902-191 00	100RB#0-100R B#0	NV	0	-3.06	-0.0016 27	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18902-191 00	100RB#0-100R B#0	NV	10	-2.09	-0.00111 2	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18902-191 00	100RB#0-100R B#0	NV	20	-3.29	-0.0017 50	±2.5	PASS
2-2	20MHz-20M Hz	16QAM-16Q AM	18902-191 00	100RB#0-100R B#0	NV	30	-1.88	-0.0010 00	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18902-191 00	100RB#0-100R B#0	NV	-50	-3.32	-0.0017 66	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18902-191 00	100RB#0-100R B#0	NV	-30	-3.98	-0.0021 17	±2.5	PASS

2-2	20MHz-20M Hz	64QAM-64Q AM	18902-191 00	100RB#0-100R B#0	NV	-20	4.65	0.00247 3	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18902-191 00	100RB#0-100R B#0	NV	-10	2.85	0.00151 6	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18902-191 00	100RB#0-100R B#0	NV	0	-3.89	-0.0020 69	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18902-191 00	100RB#0-100R B#0	NV	10	2.84	0.00151 0	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18902-191 00	100RB#0-100R B#0	NV	20	-2.55	-0.0013 56	±2.5	PASS
2-2	20MHz-20M Hz	64QAM-64Q AM	18902-191 00	100RB#0-100R B#0	NV	30	-3.76	-0.0020 00	±2.5	PASS