

2-2	20MHz-10M Hz	QPSK-QPSK	18700-188 44	100RB#0-50RB #0	VH	NT	4.14	0.00222 6	±2.5	PAS S
2-2	20MHz-10M Hz	16QAM-16Q AM	18700-188 44	100RB#0-50RB #0	VN	NT	3.41	0.00183 3	±2.5	PAS S
2-2	20MHz-10M Hz	16QAM-16Q AM	18700-188 44	100RB#0-50RB #0	VL	NT	2.75	0.00147 8	±2.5	PAS S
2-2	20MHz-10M Hz	16QAM-16Q AM	18700-188 44	100RB#0-50RB #0	VH	NT	3.54	0.00190 3	±2.5	PAS S
2-2	20MHz-10M Hz	64QAM-64Q AM	18700-188 44	100RB#0-50RB #0	VN	NT	3.66	0.00196 8	±2.5	PAS S
2-2	20MHz-10M Hz	64QAM-64Q AM	18700-188 44	100RB#0-50RB #0	VL	NT	2.14	0.00115 1	±2.5	PAS S
2-2	20MHz-10M Hz	64QAM-64Q AM	18700-188 44	100RB#0-50RB #0	VH	NT	5.14	0.00276 3	±2.5	PAS S
2-2	20MHz-10M Hz	QPSK-QPSK	18851-189 95	100RB#0-50RB #0	VN	NT	3.59	0.00191 5	±2.5	PAS S
2-2	20MHz-10M Hz	QPSK-QPSK	18851-189 95	100RB#0-50RB #0	VL	NT	4.24	0.00226 1	±2.5	PAS S
2-2	20MHz-10M Hz	QPSK-QPSK	18851-189 95	100RB#0-50RB #0	VH	NT	3.02	0.00161 1	±2.5	PAS S
2-2	20MHz-10M Hz	16QAM-16Q AM	18851-189 95	100RB#0-50RB #0	VN	NT	2.54	0.00135 5	±2.5	PAS S
2-2	20MHz-10M Hz	16QAM-16Q AM	18851-189 95	100RB#0-50RB #0	VL	NT	3.11	0.00165 9	±2.5	PAS S
2-2	20MHz-10M Hz	16QAM-16Q AM	18851-189 95	100RB#0-50RB #0	VH	NT	4.31	0.00229 9	±2.5	PAS S
2-2	20MHz-10M Hz	64QAM-64Q AM	18851-189 95	100RB#0-50RB #0	VN	NT	3.32	0.00177 1	±2.5	PAS S
2-2	20MHz-10M Hz	64QAM-64Q AM	18851-189 95	100RB#0-50RB #0	VL	NT	1.76	0.00093 9	±2.5	PAS S
2-2	20MHz-10M Hz	64QAM-64Q AM	18851-189 95	100RB#0-50RB #0	VH	NT	3.70	0.00197 3	±2.5	PAS S
2-2	20MHz-10M Hz	QPSK-QPSK	19001-191 45	100RB#0-50RB #0	VN	NT	2.94	0.00155 5	±2.5	PAS S
2-2	20MHz-10M Hz	QPSK-QPSK	19001-191 45	100RB#0-50RB #0	VL	NT	4.09	0.00216 4	±2.5	PAS S
2-2	20MHz-10M Hz	QPSK-QPSK	19001-191 45	100RB#0-50RB #0	VH	NT	-1.65	-0.0008 73	±2.5	PAS S
2-2	20MHz-10M Hz	16QAM-16Q AM	19001-191 45	100RB#0-50RB #0	VN	NT	5.37	0.00284 1	±2.5	PAS S
2-2	20MHz-10M Hz	16QAM-16Q AM	19001-191 45	100RB#0-50RB #0	VL	NT	-3.04	-0.0016 08	±2.5	PAS S
2-2	20MHz-10M	16QAM-16Q	19001-191	100RB#0-50RB	VH	NT	-2.96	-0.0015	±2.5	PAS

	Hz	AM	45	#0				66		S
2-2	20MHz-10M Hz	64QAM-64Q AM	19001-191 45	100RB#0-50RB #0	VN	NT	3.94	0.00208 5	±2.5	PAS S
2-2	20MHz-10M Hz	64QAM-64Q AM	19001-191 45	100RB#0-50RB #0	VL	NT	-3.64	-0.0019 26	±2.5	PAS S
2-2	20MHz-10M Hz	64QAM-64Q AM	19001-191 45	100RB#0-50RB #0	VH	NT	2.46	0.00130 2	±2.5	PAS S
2-2	15MHz-10M Hz	QPSK-QPSK	18675-187 95	75RB#0-50RB# 0	VN	NT	2.52	0.00135 7	±2.5	PAS S
2-2	15MHz-10M Hz	QPSK-QPSK	18675-187 95	75RB#0-50RB# 0	VL	NT	4.53	0.00243 9	±2.5	PAS S
2-2	15MHz-10M Hz	QPSK-QPSK	18675-187 95	75RB#0-50RB# 0	VH	NT	-2.07	-0.00111 4	±2.5	PAS S
2-2	15MHz-10M Hz	16QAM-16Q AM	18675-187 95	75RB#0-50RB# 0	VN	NT	4.42	0.00238 0	±2.5	PAS S
2-2	15MHz-10M Hz	16QAM-16Q AM	18675-187 95	75RB#0-50RB# 0	VL	NT	4.00	0.00215 3	±2.5	PAS S
2-2	15MHz-10M Hz	16QAM-16Q AM	18675-187 95	75RB#0-50RB# 0	VH	NT	-1.83	-0.0009 85	±2.5	PAS S
2-2	15MHz-10M Hz	64QAM-64Q AM	18675-187 95	75RB#0-50RB# 0	VN	NT	4.91	0.00264 3	±2.5	PAS S
2-2	15MHz-10M Hz	64QAM-64Q AM	18675-187 95	75RB#0-50RB# 0	VL	NT	4.99	0.00268 6	±2.5	PAS S
2-2	15MHz-10M Hz	64QAM-64Q AM	18675-187 95	75RB#0-50RB# 0	VH	NT	-2.24	-0.0012 06	±2.5	PAS S
2-2	15MHz-10M Hz	QPSK-QPSK	18851-189 71	75RB#0-50RB# 0	VN	NT	-4.21	-0.0022 45	±2.5	PAS S
2-2	15MHz-10M Hz	QPSK-QPSK	18851-189 71	75RB#0-50RB# 0	VL	NT	3.54	0.00188 8	±2.5	PAS S
2-2	15MHz-10M Hz	QPSK-QPSK	18851-189 71	75RB#0-50RB# 0	VH	NT	3.63	0.00193 6	±2.5	PAS S
2-2	15MHz-10M Hz	16QAM-16Q AM	18851-189 71	75RB#0-50RB# 0	VN	NT	2.26	0.00120 5	±2.5	PAS S
2-2	15MHz-10M Hz	16QAM-16Q AM	18851-189 71	75RB#0-50RB# 0	VL	NT	-2.71	-0.0014 45	±2.5	PAS S
2-2	15MHz-10M Hz	16QAM-16Q AM	18851-189 71	75RB#0-50RB# 0	VH	NT	2.52	0.00134 4	±2.5	PAS S
2-2	15MHz-10M Hz	64QAM-64Q AM	18851-189 71	75RB#0-50RB# 0	VN	NT	3.49	0.00186 1	±2.5	PAS S
2-2	15MHz-10M Hz	64QAM-64Q AM	18851-189 71	75RB#0-50RB# 0	VL	NT	4.39	0.00234 1	±2.5	PAS S
2-2	15MHz-10M Hz	64QAM-64Q AM	18851-189 71	75RB#0-50RB# 0	VH	NT	-2.53	-0.0013 49	±2.5	PAS S

2-2	15MHz-10M Hz	QPSK-QPSK	19027-191 47	75RB#0-50RB# 0	VN	NT	1.97	0.00104 1	±2.5	PAS S
2-2	15MHz-10M Hz	QPSK-QPSK	19027-191 47	75RB#0-50RB# 0	VL	NT	2.20	0.00116 2	±2.5	PAS S
2-2	15MHz-10M Hz	QPSK-QPSK	19027-191 47	75RB#0-50RB# 0	VH	NT	4.33	0.00228 8	±2.5	PAS S
2-2	15MHz-10M Hz	16QAM-16Q AM	19027-191 47	75RB#0-50RB# 0	VN	NT	3.78	0.00199 7	±2.5	PAS S
2-2	15MHz-10M Hz	16QAM-16Q AM	19027-191 47	75RB#0-50RB# 0	VL	NT	2.97	0.00156 9	±2.5	PAS S
2-2	15MHz-10M Hz	16QAM-16Q AM	19027-191 47	75RB#0-50RB# 0	VH	NT	2.81	0.00148 5	±2.5	PAS S
2-2	15MHz-10M Hz	64QAM-64Q AM	19027-191 47	75RB#0-50RB# 0	VN	NT	2.78	0.00146 9	±2.5	PAS S
2-2	15MHz-10M Hz	64QAM-64Q AM	19027-191 47	75RB#0-50RB# 0	VL	NT	-2.62	-0.0013 84	±2.5	PAS S
2-2	15MHz-10M Hz	64QAM-64Q AM	19027-191 47	75RB#0-50RB# 0	VH	NT	-3.39	-0.0017 91	±2.5	PAS S
2-2	15MHz-15M Hz	QPSK-QPSK	18675-188 25	75RB#0-75RB# 0	VN	NT	2.15	0.00115 7	±2.5	PAS S
2-2	15MHz-15M Hz	QPSK-QPSK	18675-188 25	75RB#0-75RB# 0	VL	NT	3.53	0.00190 0	±2.5	PAS S
2-2	15MHz-15M Hz	QPSK-QPSK	18675-188 25	75RB#0-75RB# 0	VH	NT	4.45	0.00239 6	±2.5	PAS S
2-2	15MHz-15M Hz	16QAM-16Q AM	18675-188 25	75RB#0-75RB# 0	VN	NT	4.19	0.00225 6	±2.5	PAS S
2-2	15MHz-15M Hz	16QAM-16Q AM	18675-188 25	75RB#0-75RB# 0	VL	NT	3.48	0.00187 3	±2.5	PAS S
2-2	15MHz-15M Hz	16QAM-16Q AM	18675-188 25	75RB#0-75RB# 0	VH	NT	3.44	0.00185 2	±2.5	PAS S
2-2	15MHz-15M Hz	64QAM-64Q AM	18675-188 25	75RB#0-75RB# 0	VN	NT	3.74	0.00201 3	±2.5	PAS S
2-2	15MHz-15M Hz	64QAM-64Q AM	18675-188 25	75RB#0-75RB# 0	VL	NT	-2.42	-0.0013 03	±2.5	PAS S
2-2	15MHz-15M Hz	64QAM-64Q AM	18675-188 25	75RB#0-75RB# 0	VH	NT	5.54	0.00298 3	±2.5	PAS S
2-2	15MHz-15M Hz	QPSK-QPSK	18825-189 75	75RB#0-75RB# 0	VN	NT	2.08	0.00111 1	±2.5	PAS S
2-2	15MHz-15M Hz	QPSK-QPSK	18825-189 75	75RB#0-75RB# 0	VL	NT	5.04	0.00269 2	±2.5	PAS S
2-2	15MHz-15M Hz	QPSK-QPSK	18825-189 75	75RB#0-75RB# 0	VH	NT	2.73	0.00145 8	±2.5	PAS S
2-2	15MHz-15M	16QAM-16Q	18825-189	75RB#0-75RB#	VN	NT	3.99	0.00213	±2.5	PAS

	Hz	AM	75	0				1		S
2-2	15MHz-15M Hz	16QAM-16Q AM	18825-189 75	75RB#0-75RB# 0	VL	NT	2.99	0.00159 7	±2.5	PAS S
2-2	15MHz-15M Hz	16QAM-16Q AM	18825-189 75	75RB#0-75RB# 0	VH	NT	-2.51	-0.0013 40	±2.5	PAS S
2-2	15MHz-15M Hz	64QAM-64Q AM	18825-189 75	75RB#0-75RB# 0	VN	NT	1.74	0.00092 9	±2.5	PAS S
2-2	15MHz-15M Hz	64QAM-64Q AM	18825-189 75	75RB#0-75RB# 0	VL	NT	4.73	0.00252 6	±2.5	PAS S
2-2	15MHz-15M Hz	64QAM-64Q AM	18825-189 75	75RB#0-75RB# 0	VH	NT	6.68	0.00356 7	±2.5	PAS S
2-2	15MHz-15M Hz	QPSK-QPSK	18975-191 25	75RB#0-75RB# 0	VN	NT	2.01	0.00106 5	±2.5	PAS S
2-2	15MHz-15M Hz	QPSK-QPSK	18975-191 25	75RB#0-75RB# 0	VL	NT	2.38	0.00126 1	±2.5	PAS S
2-2	15MHz-15M Hz	QPSK-QPSK	18975-191 25	75RB#0-75RB# 0	VH	NT	3.08	0.00163 2	±2.5	PAS S
2-2	15MHz-15M Hz	16QAM-16Q AM	18975-191 25	75RB#0-75RB# 0	VN	NT	2.14	0.00113 4	±2.5	PAS S
2-2	15MHz-15M Hz	16QAM-16Q AM	18975-191 25	75RB#0-75RB# 0	VL	NT	3.02	0.00160 0	±2.5	PAS S
2-2	15MHz-15M Hz	16QAM-16Q AM	18975-191 25	75RB#0-75RB# 0	VH	NT	-2.32	-0.0012 29	±2.5	PAS S
2-2	15MHz-15M Hz	64QAM-64Q AM	18975-191 25	75RB#0-75RB# 0	VN	NT	2.34	0.00124 0	±2.5	PAS S
2-2	15MHz-15M Hz	64QAM-64Q AM	18975-191 25	75RB#0-75RB# 0	VL	NT	-4.25	-0.0022 52	±2.5	PAS S
2-2	15MHz-15M Hz	64QAM-64Q AM	18975-191 25	75RB#0-75RB# 0	VH	NT	-1.78	-0.0009 43	±2.5	PAS S
2-2	15MHz-20M Hz	QPSK-QPSK	18678-188 49	75RB#0-100RB #0	VN	NT	2.71	0.00145 9	±2.5	PAS S
2-2	15MHz-20M Hz	QPSK-QPSK	18678-188 49	75RB#0-100RB #0	VL	NT	3.17	0.00170 6	±2.5	PAS S
2-2	15MHz-20M Hz	QPSK-QPSK	18678-188 49	75RB#0-100RB #0	VH	NT	2.68	0.00144 3	±2.5	PAS S
2-2	15MHz-20M Hz	16QAM-16Q AM	18678-188 49	75RB#0-100RB #0	VN	NT	3.36	0.00180 9	±2.5	PAS S
2-2	15MHz-20M Hz	16QAM-16Q AM	18678-188 49	75RB#0-100RB #0	VL	NT	3.06	0.00164 7	±2.5	PAS S
2-2	15MHz-20M Hz	16QAM-16Q AM	18678-188 49	75RB#0-100RB #0	VH	NT	3.89	0.00209 4	±2.5	PAS S
2-2	15MHz-20M Hz	64QAM-64Q AM	18678-188 49	75RB#0-100RB #0	VN	NT	1.83	0.00098 5	±2.5	PAS S

2-2	15MHz-20M Hz	64QAM-64Q AM	18678-188 49	75RB#0-100RB #0	VL	NT	1.89	0.00101 7	±2.5	PAS S
2-2	15MHz-20M Hz	64QAM-64Q AM	18678-188 49	75RB#0-100RB #0	VH	NT	-3.28	-0.0017 66	±2.5	PAS S
2-2	15MHz-20M Hz	QPSK-QPSK	18803-189 74	75RB#0-100RB #0	VN	NT	2.81	0.00150 2	±2.5	PAS S
2-2	15MHz-20M Hz	QPSK-QPSK	18803-189 74	75RB#0-100RB #0	VL	NT	4.27	0.00228 3	±2.5	PAS S
2-2	15MHz-20M Hz	QPSK-QPSK	18803-189 74	75RB#0-100RB #0	VH	NT	4.09	0.00218 7	±2.5	PAS S
2-2	15MHz-20M Hz	16QAM-16Q AM	18803-189 74	75RB#0-100RB #0	VN	NT	4.39	0.00234 7	±2.5	PAS S
2-2	15MHz-20M Hz	16QAM-16Q AM	18803-189 74	75RB#0-100RB #0	VL	NT	-3.46	-0.0018 50	±2.5	PAS S
2-2	15MHz-20M Hz	16QAM-16Q AM	18803-189 74	75RB#0-100RB #0	VH	NT	5.39	0.00288 2	±2.5	PAS S
2-2	15MHz-20M Hz	64QAM-64Q AM	18803-189 74	75RB#0-100RB #0	VN	NT	2.96	0.00158 3	±2.5	PAS S
2-2	15MHz-20M Hz	64QAM-64Q AM	18803-189 74	75RB#0-100RB #0	VL	NT	3.02	0.00161 5	±2.5	PAS S
2-2	15MHz-20M Hz	64QAM-64Q AM	18803-189 74	75RB#0-100RB #0	VH	NT	2.97	0.00158 8	±2.5	PAS S
2-2	15MHz-20M Hz	QPSK-QPSK	18929-191 00	75RB#0-100RB #0	VN	NT	4.18	0.00222 0	±2.5	PAS S
2-2	15MHz-20M Hz	QPSK-QPSK	18929-191 00	75RB#0-100RB #0	VL	NT	3.79	0.00201 3	±2.5	PAS S
2-2	15MHz-20M Hz	QPSK-QPSK	18929-191 00	75RB#0-100RB #0	VH	NT	-3.71	-0.0019 70	±2.5	PAS S
2-2	15MHz-20M Hz	16QAM-16Q AM	18929-191 00	75RB#0-100RB #0	VN	NT	-2.23	-0.0011 84	±2.5	PAS S
2-2	15MHz-20M Hz	16QAM-16Q AM	18929-191 00	75RB#0-100RB #0	VL	NT	6.42	0.00341 0	±2.5	PAS S
2-2	15MHz-20M Hz	16QAM-16Q AM	18929-191 00	75RB#0-100RB #0	VH	NT	-3.93	-0.0020 87	±2.5	PAS S
2-2	15MHz-20M Hz	64QAM-64Q AM	18929-191 00	75RB#0-100RB #0	VN	NT	-3.44	-0.0018 27	±2.5	PAS S
2-2	15MHz-20M Hz	64QAM-64Q AM	18929-191 00	75RB#0-100RB #0	VL	NT	-4.57	-0.0024 27	±2.5	PAS S
2-2	15MHz-20M Hz	64QAM-64Q AM	18929-191 00	75RB#0-100RB #0	VH	NT	3.30	0.00175 3	±2.5	PAS S
2-2	20MHz-5MH z	QPSK-QPSK	18700-188 17	100RB#0-25RB #0	VN	NT	3.98	0.00214 0	±2.5	PAS S
2-2	20MHz-5MH	QPSK-QPSK	18700-188	100RB#0-25RB	VL	NT	1.88	0.00101	±2.5	PAS

	z		17	#0				1		S
2-2	20MHz-5MH z	QPSK-QPSK	18700-188 17	100RB#0-25RB #0	VH	NT	-3.85	-0.0020 70	±2.5	PAS S
2-2	20MHz-5MH z	16QAM-16Q AM	18700-188 17	100RB#0-25RB #0	VN	NT	-1.94	-0.0010 43	±2.5	PAS S
2-2	20MHz-5MH z	16QAM-16Q AM	18700-188 17	100RB#0-25RB #0	VL	NT	3.60	0.00193 5	±2.5	PAS S
2-2	20MHz-5MH z	16QAM-16Q AM	18700-188 17	100RB#0-25RB #0	VH	NT	4.22	0.00226 9	±2.5	PAS S
2-2	20MHz-5MH z	64QAM-64Q AM	18700-188 17	100RB#0-25RB #0	VN	NT	4.85	0.00260 8	±2.5	PAS S
2-2	20MHz-5MH z	64QAM-64Q AM	18700-188 17	100RB#0-25RB #0	VL	NT	3.46	0.00186 0	±2.5	PAS S
2-2	20MHz-5MH z	64QAM-64Q AM	18700-188 17	100RB#0-25RB #0	VH	NT	2.48	0.00133 3	±2.5	PAS S
2-2	20MHz-5MH z	QPSK-QPSK	18875-189 92	100RB#0-25RB #0	VN	NT	-4.63	-0.0024 66	±2.5	PAS S
2-2	20MHz-5MH z	QPSK-QPSK	18875-189 92	100RB#0-25RB #0	VL	NT	3.60	0.00191 7	±2.5	PAS S
2-2	20MHz-5MH z	QPSK-QPSK	19050-191 67	100RB#0-25RB #0	VL	NT	4.65	0.00245 4	±2.5	PAS S
2-2	20MHz-5MH z	QPSK-QPSK	19050-191 67	100RB#0-25RB #0	VH	NT	2.27	0.00119 8	±2.5	PAS S
2-2	20MHz-5MH z	16QAM-16Q AM	19050-191 67	100RB#0-25RB #0	VN	NT	3.72	0.00196 3	±2.5	PAS S
2-2	20MHz-5MH z	16QAM-16Q AM	19050-191 67	100RB#0-25RB #0	VL	NT	-4.09	-0.0021 58	±2.5	PAS S
2-2	20MHz-5MH z	16QAM-16Q AM	19050-191 67	100RB#0-25RB #0	VH	NT	-2.25	-0.0011 87	±2.5	PAS S
2-2	20MHz-5MH z	64QAM-64Q AM	19050-191 67	100RB#0-25RB #0	VN	NT	2.27	0.00119 8	±2.5	PAS S
2-2	20MHz-5MH z	64QAM-64Q AM	19050-191 67	100RB#0-25RB #0	VL	NT	-2.05	-0.0010 82	±2.5	PAS S
2-2	20MHz-5MH z	64QAM-64Q AM	19050-191 67	100RB#0-25RB #0	VH	NT	2.22	0.00117 2	±2.5	PAS S
2-2	20MHz-15M Hz	QPSK-QPSK	18700-188 71	100RB#0-75RB #0	VN	NT	8.39	0.00451 1	±2.5	PAS S
2-2	20MHz-15M Hz	QPSK-QPSK	18700-188 71	100RB#0-75RB #0	VL	NT	3.59	0.00193 0	±2.5	PAS S
2-2	20MHz-15M Hz	QPSK-QPSK	18700-188 71	100RB#0-75RB #0	VH	NT	6.50	0.00349 5	±2.5	PAS S
2-2	20MHz-15M Hz	16QAM-16Q AM	18700-188 71	100RB#0-75RB #0	VN	NT	3.28	0.00176 3	±2.5	PAS S

2-2	20MHz-15M Hz	16QAM-16Q AM	18700-188 71	100RB#0-75RB #0	VL	NT	4.06	0.00218 3	±2.5	PAS S
2-2	20MHz-15M Hz	16QAM-16Q AM	18700-188 71	100RB#0-75RB #0	VH	NT	4.89	0.00262 9	±2.5	PAS S
2-2	20MHz-15M Hz	64QAM-64Q AM	18700-188 71	100RB#0-75RB #0	VN	NT	2.29	0.00123 1	±2.5	PAS S
2-2	20MHz-15M Hz	64QAM-64Q AM	18700-188 71	100RB#0-75RB #0	VL	NT	-4.58	-0.0024 62	±2.5	PAS S
2-2	20MHz-15M Hz	64QAM-64Q AM	18700-188 71	100RB#0-75RB #0	VH	NT	-2.57	-0.0013 82	±2.5	PAS S
2-2	20MHz-15M Hz	QPSK-QPSK	18826-189 97	100RB#0-75RB #0	VN	NT	-3.94	-0.0021 04	±2.5	PAS S
2-2	20MHz-15M Hz	QPSK-QPSK	18826-189 97	100RB#0-75RB #0	VL	NT	5.35	0.00285 7	±2.5	PAS S
2-2	20MHz-15M Hz	QPSK-QPSK	18826-189 97	100RB#0-75RB #0	VH	NT	3.22	0.00172 0	±2.5	PAS S
2-2	20MHz-15M Hz	16QAM-16Q AM	18826-189 97	100RB#0-75RB #0	VN	NT	5.38	0.00287 3	±2.5	PAS S
2-2	20MHz-15M Hz	16QAM-16Q AM	18826-189 97	100RB#0-75RB #0	VL	NT	2.72	0.00145 3	±2.5	PAS S
2-2	20MHz-15M Hz	16QAM-16Q AM	18826-189 97	100RB#0-75RB #0	VH	NT	-3.65	-0.0019 49	±2.5	PAS S
2-2	20MHz-15M Hz	64QAM-64Q AM	18826-189 97	100RB#0-75RB #0	VN	NT	4.60	0.00245 6	±2.5	PAS S
2-2	20MHz-15M Hz	64QAM-64Q AM	18826-189 97	100RB#0-75RB #0	VL	NT	4.76	0.00254 2	±2.5	PAS S
2-2	20MHz-15M Hz	64QAM-64Q AM	18826-189 97	100RB#0-75RB #0	VH	NT	4.50	0.00240 3	±2.5	PAS S
2-2	20MHz-15M Hz	QPSK-QPSK	18951-191 22	100RB#0-75RB #0	VN	NT	4.81	0.00255 2	±2.5	PAS S
2-2	20MHz-15M Hz	QPSK-QPSK	18951-191 22	100RB#0-75RB #0	VL	NT	-4.48	-0.0023 77	±2.5	PAS S
2-2	20MHz-15M Hz	QPSK-QPSK	18951-191 22	100RB#0-75RB #0	VH	NT	4.38	0.00232 3	±2.5	PAS S
2-2	20MHz-15M Hz	16QAM-16Q AM	18951-191 22	100RB#0-75RB #0	VN	NT	2.90	0.00153 8	±2.5	PAS S
2-2	20MHz-15M Hz	16QAM-16Q AM	18951-191 22	100RB#0-75RB #0	VL	NT	4.58	0.00243 0	±2.5	PAS S
2-2	20MHz-15M Hz	16QAM-16Q AM	18951-191 22	100RB#0-75RB #0	VH	NT	1.93	0.00102 4	±2.5	PAS S
2-2	20MHz-5MH z	QPSK-QPSK	18875-189 92	100RB#0-25RB #0	VH	NT	2.39	0.00127 3	±2.5	PAS S
2-2	20MHz-5MH	16QAM-16Q	18875-189	100RB#0-25RB	VN	NT	-4.25	-0.0022	±2.5	PAS

	z	AM	92	#0				64		S
2-2	20MHz-5MH z	16QAM-16Q AM	18875-189 92	100RB#0-25RB #0	VL	NT	4.27	0.00227 4	±2.5	PAS S
2-2	20MHz-5MH z	16QAM-16Q AM	18875-189 92	100RB#0-25RB #0	VH	NT	-4.50	-0.0023 97	±2.5	PAS S
2-2	20MHz-5MH z	64QAM-64Q AM	18875-189 92	100RB#0-25RB #0	VN	NT	-4.44	-0.0023 65	±2.5	PAS S
2-2	20MHz-5MH z	64QAM-64Q AM	18875-189 92	100RB#0-25RB #0	VL	NT	-3.60	-0.0019 17	±2.5	PAS S
2-2	20MHz-5MH z	64QAM-64Q AM	18875-189 92	100RB#0-25RB #0	VH	NT	-2.37	-0.0012 62	±2.5	PAS S
2-2	20MHz-5MH z	QPSK-QPSK	19050-191 67	100RB#0-25RB #0	VN	NT	2.65	0.00139 8	±2.5	PAS S
2-2	20MHz-15M Hz	64QAM-64Q AM	18951-191 22	100RB#0-75RB #0	VN	NT	2.83	0.00150 1	±2.5	PAS S
2-2	20MHz-15M Hz	64QAM-64Q AM	18951-191 22	100RB#0-75RB #0	VL	NT	2.98	0.00158 1	±2.5	PAS S
2-2	20MHz-15M Hz	64QAM-64Q AM	18951-191 22	100RB#0-75RB #0	VH	NT	4.83	0.00256 2	±2.5	PAS S
2-2	20MHz-20M Hz	QPSK-QPSK	18700-188 98	100RB#0-100R B#0	VN	NT	5.50	0.00295 7	±2.5	PAS S
2-2	20MHz-20M Hz	QPSK-QPSK	18700-188 98	100RB#0-100R B#0	VL	NT	4.11	0.00221 0	±2.5	PAS S
2-2	20MHz-20M Hz	QPSK-QPSK	18700-188 98	100RB#0-100R B#0	VH	NT	-3.91	-0.0021 02	±2.5	PAS S
2-2	20MHz-20M Hz	16QAM-16Q AM	18700-188 98	100RB#0-100R B#0	VN	NT	4.36	0.00234 4	±2.5	PAS S
2-2	20MHz-20M Hz	16QAM-16Q AM	18700-188 98	100RB#0-100R B#0	VL	NT	3.62	0.00194 6	±2.5	PAS S
2-2	20MHz-20M Hz	16QAM-16Q AM	18700-188 98	100RB#0-100R B#0	VH	NT	3.30	0.00177 4	±2.5	PAS S
2-2	20MHz-20M Hz	64QAM-64Q AM	18700-188 98	100RB#0-100R B#0	VN	NT	2.83	0.00152 2	±2.5	PAS S
2-2	20MHz-20M Hz	64QAM-64Q AM	18700-188 98	100RB#0-100R B#0	VL	NT	2.26	0.00121 5	±2.5	PAS S
2-2	20MHz-20M Hz	64QAM-64Q AM	18700-188 98	100RB#0-100R B#0	VH	NT	2.14	0.00115 1	±2.5	PAS S
2-2	20MHz-20M Hz	QPSK-QPSK	18801-189 99	100RB#0-100R B#0	VN	NT	4.39	0.00234 7	±2.5	PAS S
2-2	20MHz-20M Hz	QPSK-QPSK	18801-189 99	100RB#0-100R B#0	VL	NT	3.42	0.00182 9	±2.5	PAS S
2-2	20MHz-20M Hz	QPSK-QPSK	18801-189 99	100RB#0-100R B#0	VH	NT	4.81	0.00257 2	±2.5	PAS S



2-2	20MHz-20M Hz	16QAM-16Q AM	18801-189 99	100RB#0-100R B#0	VN	NT	3.49	0.00186 6	±2.5	PAS S
2-2	20MHz-20M Hz	16QAM-16Q AM	18801-189 99	100RB#0-100R B#0	VL	NT	3.47	0.00185 6	±2.5	PAS S
2-2	20MHz-20M Hz	16QAM-16Q AM	18801-189 99	100RB#0-100R B#0	VH	NT	2.91	0.00155 6	±2.5	PAS S
2-2	20MHz-20M Hz	64QAM-64Q AM	18801-189 99	100RB#0-100R B#0	VN	NT	4.15	0.00221 9	±2.5	PAS S
2-2	20MHz-20M Hz	64QAM-64Q AM	18801-189 99	100RB#0-100R B#0	VL	NT	4.62	0.00247 0	±2.5	PAS S
2-2	20MHz-20M Hz	64QAM-64Q AM	18801-189 99	100RB#0-100R B#0	VH	NT	3.22	0.00172 2	±2.5	PAS S
2-2	20MHz-20M Hz	QPSK-QPSK	18902-191 00	100RB#0-100R B#0	VN	NT	4.94	0.00262 7	±2.5	PAS S
2-2	20MHz-20M Hz	QPSK-QPSK	18902-191 00	100RB#0-100R B#0	VL	NT	-4.05	-0.0021 54	±2.5	PAS S
2-2	20MHz-20M Hz	QPSK-QPSK	18902-191 00	100RB#0-100R B#0	VH	NT	-2.54	-0.0013 51	±2.5	PAS S
2-2	20MHz-20M Hz	16QAM-16Q AM	18902-191 00	100RB#0-100R B#0	VN	NT	3.35	0.00178 2	±2.5	PAS S
2-2	20MHz-20M Hz	16QAM-16Q AM	18902-191 00	100RB#0-100R B#0	VL	NT	3.89	0.00206 9	±2.5	PAS S
2-2	20MHz-20M Hz	16QAM-16Q AM	18902-191 00	100RB#0-100R B#0	VH	NT	4.86	0.00258 5	±2.5	PAS S
2-2	20MHz-20M Hz	64QAM-64Q AM	18902-191 00	100RB#0-100R B#0	VN	NT	2.21	0.00117 5	±2.5	PAS S
2-2	20MHz-20M Hz	64QAM-64Q AM	18902-191 00	100RB#0-100R B#0	VL	NT	-3.45	-0.0018 35	±2.5	PAS S
2-2	20MHz-20M Hz	64QAM-64Q AM	18902-191 00	100RB#0-100R B#0	VH	NT	3.61	0.00192 0	±2.5	PAS S

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
2-2	5MHz-20MHz	QPSK-QPSK	18633-187 50	25RB#0-100RB #0	NV	-50	5.64	0.00304 3	±2.5	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18633-187 50	25RB#0-100RB #0	NV	-30	2.64	0.00142 4	±2.5	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18633-187 50	25RB#0-100RB #0	NV	-20	2.96	0.00159 7	±2.5	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18633-187 50	25RB#0-100RB #0	NV	-10	-3.43	-0.0018 51	±2.5	PASS
2-2	5MHz-20MHz	QPSK-QPSK	18633-187	25RB#0-100RB	NV	0	2.70	0.00145	±2.5	PASS

	z		50	#0				7		
2-2	5MHz-20MH z	QPSK-QPSK	18633-187 50	25RB#0-100RB #0	NV	10	3.76	0.00202 9	±2.5	PASS
2-2	5MHz-20MH z	QPSK-QPSK	18633-187 50	25RB#0-100RB #0	NV	20	-4.11	-0.0022 18	±2.5	PASS
2-2	5MHz-20MH z	QPSK-QPSK	18633-187 50	25RB#0-100RB #0	NV	30	2.47	0.00133 3	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18633-187 50	25RB#0-100RB #0	NV	-50	3.51	0.00189 4	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18633-187 50	25RB#0-100RB #0	NV	-30	-3.36	-0.0018 13	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18633-187 50	25RB#0-100RB #0	NV	-20	-3.92	-0.0021 15	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18633-187 50	25RB#0-100RB #0	NV	-10	-3.20	-0.0017 27	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18633-187 50	25RB#0-100RB #0	NV	0	-3.43	-0.0018 51	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18633-187 50	25RB#0-100RB #0	NV	10	-4.04	-0.0021 80	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18633-187 50	25RB#0-100RB #0	NV	20	3.54	0.00191 0	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18633-187 50	25RB#0-100RB #0	NV	30	-3.82	-0.0020 61	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18633-187 50	25RB#0-100RB #0	NV	-50	4.59	0.00247 7	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18633-187 50	25RB#0-100RB #0	NV	-30	5.18	0.00279 5	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18633-187 50	25RB#0-100RB #0	NV	-20	2.92	0.00157 6	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18633-187 50	25RB#0-100RB #0	NV	-10	4.71	0.00254 1	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18633-187 50	25RB#0-100RB #0	NV	0	3.45	0.00186 2	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18633-187 50	25RB#0-100RB #0	NV	10	3.40	0.00183 5	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18633-187 50	25RB#0-100RB #0	NV	20	4.34	0.00234 2	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18633-187 50	25RB#0-100RB #0	NV	30	-2.93	-0.0015 81	±2.5	PASS
2-2	5MHz-20MH z	QPSK-QPSK	18808-189 25	25RB#0-100RB #0	NV	-50	2.94	0.00157 2	±2.5	PASS
2-2	5MHz-20MH z	QPSK-QPSK	18808-189 25	25RB#0-100RB #0	NV	-30	3.63	0.00194 0	±2.5	PASS

2-2	5MHz-20MH z	QPSK-QPSK	18808-189 25	25RB#0-100RB #0	NV	-20	3.31	0.00176 9	±2.5	PASS
2-2	5MHz-20MH z	QPSK-QPSK	18808-189 25	25RB#0-100RB #0	NV	-10	4.72	0.00252 3	±2.5	PASS
2-2	5MHz-20MH z	QPSK-QPSK	18808-189 25	25RB#0-100RB #0	NV	0	2.43	0.00129 9	±2.5	PASS
2-2	5MHz-20MH z	QPSK-QPSK	18808-189 25	25RB#0-100RB #0	NV	10	4.21	0.00225 0	±2.5	PASS
2-2	5MHz-20MH z	QPSK-QPSK	18808-189 25	25RB#0-100RB #0	NV	20	3.68	0.00196 7	±2.5	PASS
2-2	5MHz-20MH z	QPSK-QPSK	18808-189 25	25RB#0-100RB #0	NV	30	-2.41	-0.0012 88	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18808-189 25	25RB#0-100RB #0	NV	-50	3.76	0.00201 0	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18808-189 25	25RB#0-100RB #0	NV	-30	-3.66	-0.0019 56	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18808-189 25	25RB#0-100RB #0	NV	-20	4.70	0.00251 2	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18808-189 25	25RB#0-100RB #0	NV	-10	3.99	0.00213 3	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18808-189 25	25RB#0-100RB #0	NV	0	3.82	0.00204 2	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18808-189 25	25RB#0-100RB #0	NV	10	2.60	0.00139 0	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18808-189 25	25RB#0-100RB #0	NV	20	-2.35	-0.0012 56	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18808-189 25	25RB#0-100RB #0	NV	30	3.73	0.00199 4	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18808-189 25	25RB#0-100RB #0	NV	-50	3.03	0.00162 0	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18808-189 25	25RB#0-100RB #0	NV	-30	4.89	0.00261 4	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18808-189 25	25RB#0-100RB #0	NV	-20	-3.94	-0.0021 06	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18808-189 25	25RB#0-100RB #0	NV	-10	3.60	0.00192 4	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18808-189 25	25RB#0-100RB #0	NV	0	4.29	0.00229 3	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18808-189 25	25RB#0-100RB #0	NV	10	-2.40	-0.0012 83	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18808-189 25	25RB#0-100RB #0	NV	20	-4.78	-0.0025 55	±2.5	PASS
2-2	5MHz-20MH	64QAM-64Q	18808-189	25RB#0-100RB	NV	30	3.45	0.00184	±2.5	PASS

	z	AM	25	#0				4		
2-2	5MHz-20MH z	QPSK-QPSK	18983-191 00	25RB#0-100RB #0	NV	-50	2.62	0.00138 7	±2.5	PASS
2-2	5MHz-20MH z	QPSK-QPSK	18983-191 00	25RB#0-100RB #0	NV	-30	2.05	0.00108 6	±2.5	PASS
2-2	5MHz-20MH z	QPSK-QPSK	18983-191 00	25RB#0-100RB #0	NV	-20	-3.68	-0.0019 49	±2.5	PASS
2-2	5MHz-20MH z	QPSK-QPSK	18983-191 00	25RB#0-100RB #0	NV	-10	-2.95	-0.0015 62	±2.5	PASS
2-2	5MHz-20MH z	QPSK-QPSK	18983-191 00	25RB#0-100RB #0	NV	0	-2.86	-0.0015 15	±2.5	PASS
2-2	5MHz-20MH z	QPSK-QPSK	18983-191 00	25RB#0-100RB #0	NV	10	4.01	0.00212 4	±2.5	PASS
2-2	5MHz-20MH z	QPSK-QPSK	18983-191 00	25RB#0-100RB #0	NV	20	3.91	0.00207 1	±2.5	PASS
2-2	5MHz-20MH z	QPSK-QPSK	18983-191 00	25RB#0-100RB #0	NV	30	-2.71	-0.0014 35	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18983-191 00	25RB#0-100RB #0	NV	-50	3.82	0.00202 3	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18983-191 00	25RB#0-100RB #0	NV	-30	2.75	0.00145 6	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18983-191 00	25RB#0-100RB #0	NV	-20	3.73	0.00197 5	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18983-191 00	25RB#0-100RB #0	NV	-10	2.88	0.00152 5	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18983-191 00	25RB#0-100RB #0	NV	0	4.42	0.00234 1	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18983-191 00	25RB#0-100RB #0	NV	10	2.51	0.00132 9	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18983-191 00	25RB#0-100RB #0	NV	20	3.73	0.00197 5	±2.5	PASS
2-2	5MHz-20MH z	16QAM-16Q AM	18983-191 00	25RB#0-100RB #0	NV	30	3.45	0.00182 7	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18983-191 00	25RB#0-100RB #0	NV	-50	5.13	0.00271 7	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18983-191 00	25RB#0-100RB #0	NV	-30	4.66	0.00246 8	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18983-191 00	25RB#0-100RB #0	NV	-20	2.62	0.00138 7	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18983-191 00	25RB#0-100RB #0	NV	-10	3.12	0.00165 2	±2.5	PASS
2-2	5MHz-20MH z	64QAM-64Q AM	18983-191 00	25RB#0-100RB #0	NV	0	5.77	0.00305 6	±2.5	PASS

2-2	5MHz-20MHz z	64QAM-64Q AM	18983-191 00	25RB#0-100RB #0	NV	10	-2.31	-0.0012 23	±2.5	PASS
2-2	5MHz-20MHz z	64QAM-64Q AM	18983-191 00	25RB#0-100RB #0	NV	20	-2.94	-0.0015 57	±2.5	PASS
2-2	5MHz-20MHz z	64QAM-64Q AM	18983-191 00	25RB#0-100RB #0	NV	30	3.95	0.00209 2	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	18653-187 73	50RB#0-75RB# 0	NV	-50	4.00	0.00215 6	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	18653-187 73	50RB#0-75RB# 0	NV	-30	4.90	0.00264 1	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	18653-187 73	50RB#0-75RB# 0	NV	-20	-3.18	-0.0017 14	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	18653-187 73	50RB#0-75RB# 0	NV	-10	-2.63	-0.0014 18	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	18653-187 73	50RB#0-75RB# 0	NV	0	3.59	0.00193 5	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	18653-187 73	50RB#0-75RB# 0	NV	10	3.83	0.00206 4	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	18653-187 73	50RB#0-75RB# 0	NV	20	5.21	0.00280 8	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	18653-187 73	50RB#0-75RB# 0	NV	30	2.91	0.00156 8	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	18653-187 73	50RB#0-75RB# 0	NV	-50	5.10	0.00274 9	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	18653-187 73	50RB#0-75RB# 0	NV	-30	4.08	0.00219 9	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	18653-187 73	50RB#0-75RB# 0	NV	-20	3.62	0.00195 1	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	18653-187 73	50RB#0-75RB# 0	NV	-10	5.79	0.00312 1	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	18653-187 73	50RB#0-75RB# 0	NV	0	-4.07	-0.0021 94	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	18653-187 73	50RB#0-75RB# 0	NV	10	-1.31	-0.0007 06	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	18653-187 73	50RB#0-75RB# 0	NV	20	2.25	0.00121 3	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	18653-187 73	50RB#0-75RB# 0	NV	30	-3.68	-0.0019 84	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	18653-187 73	50RB#0-75RB# 0	NV	-50	5.89	0.00317 5	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	18653-187 73	50RB#0-75RB# 0	NV	-30	4.37	0.00235 5	±2.5	PASS
2-2	10MHz-15M	64QAM-64Q	18653-187	50RB#0-75RB#	NV	-20	3.36	0.00181	±2.5	PASS

	Hz	AM	73	0				1		
2-2	10MHz-15M Hz	64QAM-64Q AM	18653-187 73	50RB#0-75RB# 0	NV	-10	4.45	0.00239 9	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	18653-187 73	50RB#0-75RB# 0	NV	0	7.14	0.00384 8	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	18653-187 73	50RB#0-75RB# 0	NV	10	2.18	0.00117 5	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	18653-187 73	50RB#0-75RB# 0	NV	20	7.96	0.00429 0	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	18653-187 73	50RB#0-75RB# 0	NV	30	2.70	0.00145 5	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	18829-189 49	50RB#0-75RB# 0	NV	-50	-2.83	-0.0015 11	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	18829-189 49	50RB#0-75RB# 0	NV	-30	3.04	0.00162 3	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	18829-189 49	50RB#0-75RB# 0	NV	-20	3.70	0.00197 6	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	18829-189 49	50RB#0-75RB# 0	NV	-10	2.83	0.00151 1	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	18829-189 49	50RB#0-75RB# 0	NV	0	3.28	0.00175 1	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	18829-189 49	50RB#0-75RB# 0	NV	10	2.73	0.00145 8	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	18829-189 49	50RB#0-75RB# 0	NV	20	2.86	0.00152 7	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	18829-189 49	50RB#0-75RB# 0	NV	30	2.84	0.00151 6	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	18829-189 49	50RB#0-75RB# 0	NV	-50	4.10	0.00218 9	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	18829-189 49	50RB#0-75RB# 0	NV	-30	5.28	0.00281 9	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	18829-189 49	50RB#0-75RB# 0	NV	-20	5.29	0.00282 4	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	18829-189 49	50RB#0-75RB# 0	NV	-10	3.16	0.00168 7	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	18829-189 49	50RB#0-75RB# 0	NV	0	2.56	0.00136 7	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	18829-189 49	50RB#0-75RB# 0	NV	10	2.56	0.00136 7	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	18829-189 49	50RB#0-75RB# 0	NV	20	5.66	0.00302 2	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	18829-189 49	50RB#0-75RB# 0	NV	30	-3.42	-0.0018 26	±2.5	PASS

2-2	10MHz-15M Hz	64QAM-64Q AM	18829-189 49	50RB#0-75RB# 0	NV	-50	3.31	0.00176 7	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	18829-189 49	50RB#0-75RB# 0	NV	-30	-4.65	-0.0024 83	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	18829-189 49	50RB#0-75RB# 0	NV	-20	-3.79	-0.0020 24	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	18829-189 49	50RB#0-75RB# 0	NV	-10	2.35	0.00125 5	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	18829-189 49	50RB#0-75RB# 0	NV	0	4.11	0.00219 4	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	18829-189 49	50RB#0-75RB# 0	NV	10	3.93	0.00209 8	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	18829-189 49	50RB#0-75RB# 0	NV	20	3.90	0.00208 2	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	18829-189 49	50RB#0-75RB# 0	NV	30	-2.87	-0.0015 32	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	19005-191 25	50RB#0-75RB# 0	NV	-50	2.15	0.00113 7	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	19005-191 25	50RB#0-75RB# 0	NV	-30	2.90	0.00153 4	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	19005-191 25	50RB#0-75RB# 0	NV	-20	3.70	0.00195 7	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	19005-191 25	50RB#0-75RB# 0	NV	-10	3.18	0.00168 2	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	19005-191 25	50RB#0-75RB# 0	NV	0	2.54	0.00134 4	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	19005-191 25	50RB#0-75RB# 0	NV	10	6.78	0.00358 6	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	19005-191 25	50RB#0-75RB# 0	NV	20	1.82	0.00096 3	±2.5	PASS
2-2	10MHz-15M Hz	QPSK-QPSK	19005-191 25	50RB#0-75RB# 0	NV	30	-4.03	-0.0021 32	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	19005-191 25	50RB#0-75RB# 0	NV	-50	4.06	0.00214 8	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	19005-191 25	50RB#0-75RB# 0	NV	-30	3.02	0.00159 7	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	19005-191 25	50RB#0-75RB# 0	NV	-20	3.98	0.00210 5	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	19005-191 25	50RB#0-75RB# 0	NV	-10	-2.69	-0.0014 23	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	19005-191 25	50RB#0-75RB# 0	NV	0	3.05	0.00161 3	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	19005-191 25	50RB#0-75RB# 0	NV	10	4.29	0.00226	±2.5	PASS

	Hz	AM	25	0				9		
2-2	10MHz-15M Hz	16QAM-16Q AM	19005-191 25	50RB#0-75RB# 0	NV	20	2.93	0.00155 0	±2.5	PASS
2-2	10MHz-15M Hz	16QAM-16Q AM	19005-191 25	50RB#0-75RB# 0	NV	30	2.36	0.00124 8	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	19005-191 25	50RB#0-75RB# 0	NV	-50	3.39	0.00179 3	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	19005-191 25	50RB#0-75RB# 0	NV	-30	4.45	0.00235 4	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	19005-191 25	50RB#0-75RB# 0	NV	-20	4.24	0.00224 3	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	19005-191 25	50RB#0-75RB# 0	NV	-10	3.68	0.00194 7	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	19005-191 25	50RB#0-75RB# 0	NV	0	5.17	0.00273 5	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	19005-191 25	50RB#0-75RB# 0	NV	10	5.46	0.00288 8	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	19005-191 25	50RB#0-75RB# 0	NV	20	4.87	0.00257 6	±2.5	PASS
2-2	10MHz-15M Hz	64QAM-64Q AM	19005-191 25	50RB#0-75RB# 0	NV	30	3.08	0.00162 9	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18655-187 99	50RB#0-100RB #0	NV	-50	-3.42	-0.0018 43	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18655-187 99	50RB#0-100RB #0	NV	-30	5.36	0.00288 9	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18655-187 99	50RB#0-100RB #0	NV	-20	-4.02	-0.0021 67	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18655-187 99	50RB#0-100RB #0	NV	-10	-3.44	-0.0018 54	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18655-187 99	50RB#0-100RB #0	NV	0	2.97	0.00160 1	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18655-187 99	50RB#0-100RB #0	NV	10	2.77	0.00149 3	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18655-187 99	50RB#0-100RB #0	NV	20	3.39	0.00182 7	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18655-187 99	50RB#0-100RB #0	NV	30	3.92	0.00211 3	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18655-187 99	50RB#0-100RB #0	NV	-50	2.51	0.00135 3	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18655-187 99	50RB#0-100RB #0	NV	-30	-2.63	-0.0014 17	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18655-187 99	50RB#0-100RB #0	NV	-20	-2.49	-0.0013 42	±2.5	PASS



2-2	10MHz-20M Hz	16QAM-16Q AM	18655-187 99	50RB#0-100RB #0	NV	-10	4.52	0.00243 6	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18655-187 99	50RB#0-100RB #0	NV	0	-2.28	-0.0012 29	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18655-187 99	50RB#0-100RB #0	NV	10	2.74	0.00147 7	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18655-187 99	50RB#0-100RB #0	NV	20	-1.86	-0.0010 02	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18655-187 99	50RB#0-100RB #0	NV	30	1.96	0.00105 6	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18655-187 99	50RB#0-100RB #0	NV	-50	4.95	0.00266 8	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18655-187 99	50RB#0-100RB #0	NV	-30	3.38	0.00182 2	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18655-187 99	50RB#0-100RB #0	NV	-20	4.42	0.00238 2	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18655-187 99	50RB#0-100RB #0	NV	-10	3.25	0.00175 2	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18655-187 99	50RB#0-100RB #0	NV	0	3.35	0.00180 5	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18655-187 99	50RB#0-100RB #0	NV	10	-3.08	-0.0016 60	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18655-187 99	50RB#0-100RB #0	NV	20	3.77	0.00203 2	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18655-187 99	50RB#0-100RB #0	NV	30	5.39	0.00290 5	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18806-189 50	50RB#0-100RB #0	NV	-50	5.11	0.00273 2	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18806-189 50	50RB#0-100RB #0	NV	-30	4.58	0.00244 8	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18806-189 50	50RB#0-100RB #0	NV	-20	2.59	0.00138 5	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18806-189 50	50RB#0-100RB #0	NV	-10	4.46	0.00238 4	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18806-189 50	50RB#0-100RB #0	NV	0	6.48	0.00346 4	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18806-189 50	50RB#0-100RB #0	NV	10	4.96	0.00265 2	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18806-189 50	50RB#0-100RB #0	NV	20	4.02	0.00214 9	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18806-189 50	50RB#0-100RB #0	NV	30	3.05	0.00163 0	±2.5	PASS
2-2	10MHz-20M	16QAM-16Q	18806-189	50RB#0-100RB	NV	-50	4.37	0.00233	±2.5	PASS

	Hz	AM	50	#0				6		
2-2	10MHz-20M Hz	16QAM-16Q AM	18806-189 50	50RB#0-100RB #0	NV	-30	4.70	0.00251 3	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18806-189 50	50RB#0-100RB #0	NV	-20	4.29	0.00229 3	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18806-189 50	50RB#0-100RB #0	NV	-10	3.11	0.00166 3	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18806-189 50	50RB#0-100RB #0	NV	0	5.03	0.00268 9	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18806-189 50	50RB#0-100RB #0	NV	10	2.94	0.00157 2	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18806-189 50	50RB#0-100RB #0	NV	20	2.95	0.00157 7	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18806-189 50	50RB#0-100RB #0	NV	30	5.50	0.00294 0	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18806-189 50	50RB#0-100RB #0	NV	-50	3.78	0.00202 1	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18806-189 50	50RB#0-100RB #0	NV	-30	2.94	0.00157 2	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18806-189 50	50RB#0-100RB #0	NV	-20	2.97	0.00158 8	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18806-189 50	50RB#0-100RB #0	NV	-10	2.94	0.00157 2	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18806-189 50	50RB#0-100RB #0	NV	0	1.74	0.00093 0	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18806-189 50	50RB#0-100RB #0	NV	10	4.09	0.00218 6	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18806-189 50	50RB#0-100RB #0	NV	20	4.59	0.00245 4	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18806-189 50	50RB#0-100RB #0	NV	30	3.60	0.00192 5	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18956-191 00	50RB#0-100RB #0	NV	-50	-1.77	-0.0009 39	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18956-191 00	50RB#0-100RB #0	NV	-30	2.99	0.00158 6	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18956-191 00	50RB#0-100RB #0	NV	-20	4.64	0.00246 1	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18956-191 00	50RB#0-100RB #0	NV	-10	2.74	0.00145 3	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18956-191 00	50RB#0-100RB #0	NV	0	4.55	0.00241 3	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18956-191 00	50RB#0-100RB #0	NV	10	3.47	0.00184 0	±2.5	PASS

2-2	10MHz-20M Hz	QPSK-QPSK	18956-191 00	50RB#0-100RB #0	NV	20	-3.11	-0.0016 49	±2.5	PASS
2-2	10MHz-20M Hz	QPSK-QPSK	18956-191 00	50RB#0-100RB #0	NV	30	4.21	0.00223 3	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18956-191 00	50RB#0-100RB #0	NV	-50	-4.30	-0.0022 80	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18956-191 00	50RB#0-100RB #0	NV	-30	3.47	0.00184 0	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18956-191 00	50RB#0-100RB #0	NV	-20	5.26	0.00279 0	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18956-191 00	50RB#0-100RB #0	NV	-10	5.51	0.00292 2	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18956-191 00	50RB#0-100RB #0	NV	0	2.77	0.00146 9	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18956-191 00	50RB#0-100RB #0	NV	10	4.35	0.00230 7	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18956-191 00	50RB#0-100RB #0	NV	20	3.37	0.00178 7	±2.5	PASS
2-2	10MHz-20M Hz	16QAM-16Q AM	18956-191 00	50RB#0-100RB #0	NV	30	-3.34	-0.0017 71	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18956-191 00	50RB#0-100RB #0	NV	-50	3.45	0.00183 0	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18956-191 00	50RB#0-100RB #0	NV	-30	2.54	0.00134 7	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18956-191 00	50RB#0-100RB #0	NV	-20	2.69	0.00142 7	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18956-191 00	50RB#0-100RB #0	NV	-10	2.89	0.00153 3	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18956-191 00	50RB#0-100RB #0	NV	0	2.57	0.00136 3	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18956-191 00	50RB#0-100RB #0	NV	10	-2.87	-0.0015 22	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18956-191 00	50RB#0-100RB #0	NV	20	4.43	0.00234 9	±2.5	PASS
2-2	10MHz-20M Hz	64QAM-64Q AM	18956-191 00	50RB#0-100RB #0	NV	30	2.77	0.00146 9	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	18700-188 44	100RB#0-50RB #0	NV	-50	3.95	0.00212 4	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	18700-188 44	100RB#0-50RB #0	NV	-30	-3.64	-0.0019 57	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	18700-188 44	100RB#0-50RB #0	NV	-20	4.74	0.00254 8	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	18700-188	100RB#0-50RB	NV	-10	4.80	0.00258	±2.5	PASS

	Hz		44	#0				1		
2-2	20MHz-10M Hz	QPSK-QPSK	18700-188 44	100RB#0-50RB #0	NV	0	-4.94	-0.0026 56	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	18700-188 44	100RB#0-50RB #0	NV	10	-3.48	-0.0018 71	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	18700-188 44	100RB#0-50RB #0	NV	20	3.06	0.00164 5	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	18700-188 44	100RB#0-50RB #0	NV	30	-4.14	-0.0022 26	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	18700-188 44	100RB#0-50RB #0	NV	-50	3.55	0.00190 9	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	18700-188 44	100RB#0-50RB #0	NV	-30	5.28	0.00283 9	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	18700-188 44	100RB#0-50RB #0	NV	-20	4.02	0.00216 1	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	18700-188 44	100RB#0-50RB #0	NV	-10	4.80	0.00258 1	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	18700-188 44	100RB#0-50RB #0	NV	0	-2.67	-0.0014 35	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	18700-188 44	100RB#0-50RB #0	NV	10	3.11	0.00167 2	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	18700-188 44	100RB#0-50RB #0	NV	20	4.77	0.00256 5	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	18700-188 44	100RB#0-50RB #0	NV	30	-1.60	-0.0008 60	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	18700-188 44	100RB#0-50RB #0	NV	-50	-3.00	-0.0016 13	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	18700-188 44	100RB#0-50RB #0	NV	-30	-2.78	-0.0014 95	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	18700-188 44	100RB#0-50RB #0	NV	-20	3.58	0.00192 5	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	18700-188 44	100RB#0-50RB #0	NV	-10	1.84	0.00098 9	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	18700-188 44	100RB#0-50RB #0	NV	0	-3.03	-0.0016 29	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	18700-188 44	100RB#0-50RB #0	NV	10	2.64	0.00141 9	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	18700-188 44	100RB#0-50RB #0	NV	20	4.98	0.00267 7	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	18700-188 44	100RB#0-50RB #0	NV	30	-4.00	-0.0021 51	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	18851-189 95	100RB#0-50RB #0	NV	-50	5.74	0.00306 1	±2.5	PASS

2-2	20MHz-10M Hz	QPSK-QPSK	18851-189 95	100RB#0-50RB #0	NV	-30	4.36	0.00232 5	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	18851-189 95	100RB#0-50RB #0	NV	-20	-2.03	-0.0010 83	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	18851-189 95	100RB#0-50RB #0	NV	-10	2.78	0.00148 3	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	18851-189 95	100RB#0-50RB #0	NV	0	3.14	0.00167 5	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	18851-189 95	100RB#0-50RB #0	NV	10	-2.00	-0.0010 67	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	18851-189 95	100RB#0-50RB #0	NV	20	2.64	0.00140 8	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	18851-189 95	100RB#0-50RB #0	NV	30	3.14	0.00167 5	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	18851-189 95	100RB#0-50RB #0	NV	-50	4.06	0.00216 5	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	18851-189 95	100RB#0-50RB #0	NV	-30	2.37	0.00126 4	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	18851-189 95	100RB#0-50RB #0	NV	-20	3.39	0.00180 8	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	18851-189 95	100RB#0-50RB #0	NV	-10	2.90	0.00154 7	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	18851-189 95	100RB#0-50RB #0	NV	0	5.05	0.00269 3	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	18851-189 95	100RB#0-50RB #0	NV	10	4.77	0.00254 4	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	18851-189 95	100RB#0-50RB #0	NV	20	4.48	0.00238 9	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	18851-189 95	100RB#0-50RB #0	NV	30	4.36	0.00232 5	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	18851-189 95	100RB#0-50RB #0	NV	-50	3.43	0.00182 9	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	18851-189 95	100RB#0-50RB #0	NV	-30	3.77	0.00201 1	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	18851-189 95	100RB#0-50RB #0	NV	-20	2.19	0.00116 8	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	18851-189 95	100RB#0-50RB #0	NV	-10	4.49	0.00239 5	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	18851-189 95	100RB#0-50RB #0	NV	0	2.75	0.00146 7	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	18851-189 95	100RB#0-50RB #0	NV	10	2.72	0.00145 1	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	18851-189 95	100RB#0-50RB #0	NV	20	3.11	0.00165	±2.5	PASS

	Hz	AM	95	#0				9		
2-2	20MHz-10M Hz	64QAM-64Q AM	18851-189 95	100RB#0-50RB #0	NV	30	4.72	0.00251 7	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	19001-191 45	100RB#0-50RB #0	NV	-50	-1.46	-0.0007 72	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	19001-191 45	100RB#0-50RB #0	NV	-30	2.61	0.00138 1	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	19001-191 45	100RB#0-50RB #0	NV	-20	2.44	0.00129 1	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	19001-191 45	100RB#0-50RB #0	NV	-10	3.69	0.00195 2	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	19001-191 45	100RB#0-50RB #0	NV	0	-2.99	-0.0015 82	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	19001-191 45	100RB#0-50RB #0	NV	10	-4.10	-0.0021 69	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	19001-191 45	100RB#0-50RB #0	NV	20	-2.55	-0.0013 49	±2.5	PASS
2-2	20MHz-10M Hz	QPSK-QPSK	19001-191 45	100RB#0-50RB #0	NV	30	4.88	0.00258 2	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	19001-191 45	100RB#0-50RB #0	NV	-50	-4.53	-0.0023 97	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	19001-191 45	100RB#0-50RB #0	NV	-30	-4.32	-0.0022 86	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	19001-191 45	100RB#0-50RB #0	NV	-20	-3.56	-0.0018 83	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	19001-191 45	100RB#0-50RB #0	NV	-10	-3.32	-0.0017 57	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	19001-191 45	100RB#0-50RB #0	NV	0	3.19	0.00168 8	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	19001-191 45	100RB#0-50RB #0	NV	10	-2.71	-0.0014 34	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	19001-191 45	100RB#0-50RB #0	NV	20	2.93	0.00155 0	±2.5	PASS
2-2	20MHz-10M Hz	16QAM-16Q AM	19001-191 45	100RB#0-50RB #0	NV	30	4.53	0.00239 7	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	19001-191 45	100RB#0-50RB #0	NV	-50	-4.88	-0.0025 82	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	19001-191 45	100RB#0-50RB #0	NV	-30	-2.24	-0.0011 85	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	19001-191 45	100RB#0-50RB #0	NV	-20	-2.63	-0.0013 91	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	19001-191 45	100RB#0-50RB #0	NV	-10	-2.88	-0.0015 24	±2.5	PASS

2-2	20MHz-10M Hz	64QAM-64Q AM	19001-191 45	100RB#0-50RB #0	NV	0	2.62	0.00138 6	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	19001-191 45	100RB#0-50RB #0	NV	10	3.96	0.00209 5	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	19001-191 45	100RB#0-50RB #0	NV	20	3.54	0.00187 3	±2.5	PASS
2-2	20MHz-10M Hz	64QAM-64Q AM	19001-191 45	100RB#0-50RB #0	NV	30	-2.20	-0.0011 64	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	18675-187 95	75RB#0-50RB# 0	NV	-50	2.14	0.00115 2	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	18675-187 95	75RB#0-50RB# 0	NV	-30	3.26	0.00175 5	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	18675-187 95	75RB#0-50RB# 0	NV	-20	2.84	0.00152 9	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	18675-187 95	75RB#0-50RB# 0	NV	-10	5.12	0.00275 6	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	18675-187 95	75RB#0-50RB# 0	NV	0	2.84	0.00152 9	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	18675-187 95	75RB#0-50RB# 0	NV	10	4.09	0.00220 2	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	18675-187 95	75RB#0-50RB# 0	NV	20	5.18	0.00278 9	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	18675-187 95	75RB#0-50RB# 0	NV	30	3.83	0.00206 2	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	18675-187 95	75RB#0-50RB# 0	NV	-50	-2.73	-0.0014 70	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	18675-187 95	75RB#0-50RB# 0	NV	-30	4.12	0.00221 8	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	18675-187 95	75RB#0-50RB# 0	NV	-20	3.22	0.00173 4	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	18675-187 95	75RB#0-50RB# 0	NV	-10	2.90	0.00156 1	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	18675-187 95	75RB#0-50RB# 0	NV	0	-2.90	-0.0015 61	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	18675-187 95	75RB#0-50RB# 0	NV	10	-2.23	-0.0012 01	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	18675-187 95	75RB#0-50RB# 0	NV	20	2.19	0.00117 9	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	18675-187 95	75RB#0-50RB# 0	NV	30	3.51	0.00189 0	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	18675-187 95	75RB#0-50RB# 0	NV	-50	3.52	0.00189 5	±2.5	PASS
2-2	15MHz-10M	64QAM-64Q	18675-187	75RB#0-50RB#	NV	-30	-2.35	-0.0012	±2.5	PASS

	Hz	AM	95	0				65		
2-2	15MHz-10M Hz	64QAM-64Q AM	18675-187 95	75RB#0-50RB# 0	NV	-20	3.53	0.00190 0	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	18675-187 95	75RB#0-50RB# 0	NV	-10	2.19	0.00117 9	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	18675-187 95	75RB#0-50RB# 0	NV	0	2.93	0.00157 7	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	18675-187 95	75RB#0-50RB# 0	NV	10	2.78	0.00149 7	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	18675-187 95	75RB#0-50RB# 0	NV	20	-4.53	-0.0024 39	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	18675-187 95	75RB#0-50RB# 0	NV	30	-1.84	-0.0009 91	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	18851-189 71	75RB#0-50RB# 0	NV	-50	2.26	0.00120 5	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	18851-189 71	75RB#0-50RB# 0	NV	-30	2.40	0.00128 0	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	18851-189 71	75RB#0-50RB# 0	NV	-20	5.36	0.00285 9	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	18851-189 71	75RB#0-50RB# 0	NV	-10	4.55	0.00242 7	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	18851-189 71	75RB#0-50RB# 0	NV	0	3.78	0.00201 6	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	18851-189 71	75RB#0-50RB# 0	NV	10	2.61	0.00139 2	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	18851-189 71	75RB#0-50RB# 0	NV	20	3.95	0.00210 7	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	18851-189 71	75RB#0-50RB# 0	NV	30	2.19	0.00116 8	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	18851-189 71	75RB#0-50RB# 0	NV	-50	3.28	0.00174 9	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	18851-189 71	75RB#0-50RB# 0	NV	-30	1.98	0.00105 6	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	18851-189 71	75RB#0-50RB# 0	NV	-20	3.46	0.00184 5	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	18851-189 71	75RB#0-50RB# 0	NV	-10	3.53	0.00188 3	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	18851-189 71	75RB#0-50RB# 0	NV	0	4.36	0.00232 5	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	18851-189 71	75RB#0-50RB# 0	NV	10	2.56	0.00136 5	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	18851-189 71	75RB#0-50RB# 0	NV	20	-3.99	-0.0021 28	±2.5	PASS



2-2	15MHz-10M Hz	16QAM-16Q AM	18851-189 71	75RB#0-50RB# 0	NV	30	3.33	0.00177 6	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	18851-189 71	75RB#0-50RB# 0	NV	-50	-2.97	-0.0015 84	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	18851-189 71	75RB#0-50RB# 0	NV	-30	2.07	0.00110 4	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	18851-189 71	75RB#0-50RB# 0	NV	-20	-3.27	-0.0017 44	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	18851-189 71	75RB#0-50RB# 0	NV	-10	1.74	0.00092 8	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	18851-189 71	75RB#0-50RB# 0	NV	0	2.96	0.00157 9	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	18851-189 71	75RB#0-50RB# 0	NV	10	2.97	0.00158 4	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	18851-189 71	75RB#0-50RB# 0	NV	20	-3.31	-0.0017 65	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	18851-189 71	75RB#0-50RB# 0	NV	30	3.85	0.00205 3	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	19027-191 47	75RB#0-50RB# 0	NV	-50	3.51	0.00185 4	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	19027-191 47	75RB#0-50RB# 0	NV	-30	-2.37	-0.0012 52	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	19027-191 47	75RB#0-50RB# 0	NV	-20	4.05	0.00214 0	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	19027-191 47	75RB#0-50RB# 0	NV	-10	3.10	0.00163 8	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	19027-191 47	75RB#0-50RB# 0	NV	0	3.58	0.00189 1	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	19027-191 47	75RB#0-50RB# 0	NV	10	3.50	0.00184 9	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	19027-191 47	75RB#0-50RB# 0	NV	20	3.84	0.00202 9	±2.5	PASS
2-2	15MHz-10M Hz	QPSK-QPSK	19027-191 47	75RB#0-50RB# 0	NV	30	2.56	0.00135 3	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	19027-191 47	75RB#0-50RB# 0	NV	-50	4.63	0.00244 6	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	19027-191 47	75RB#0-50RB# 0	NV	-30	-3.71	-0.0019 60	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	19027-191 47	75RB#0-50RB# 0	NV	-20	6.32	0.00333 9	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	19027-191 47	75RB#0-50RB# 0	NV	-10	3.49	0.00184 4	±2.5	PASS
2-2	15MHz-10M	16QAM-16Q	19027-191	75RB#0-50RB#	NV	0	4.03	0.00212	±2.5	PASS

	Hz	AM	47	0				9		
2-2	15MHz-10M Hz	16QAM-16Q AM	19027-191 47	75RB#0-50RB# 0	NV	10	3.05	0.00161 1	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	19027-191 47	75RB#0-50RB# 0	NV	20	3.31	0.00174 9	±2.5	PASS
2-2	15MHz-10M Hz	16QAM-16Q AM	19027-191 47	75RB#0-50RB# 0	NV	30	4.03	0.00212 9	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	19027-191 47	75RB#0-50RB# 0	NV	-50	-3.61	-0.0019 07	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	19027-191 47	75RB#0-50RB# 0	NV	-30	-3.35	-0.0017 70	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	19027-191 47	75RB#0-50RB# 0	NV	-20	4.33	0.00228 8	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	19027-191 47	75RB#0-50RB# 0	NV	-10	-3.68	-0.0019 44	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	19027-191 47	75RB#0-50RB# 0	NV	0	2.41	0.00127 3	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	19027-191 47	75RB#0-50RB# 0	NV	10	1.67	0.00088 2	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	19027-191 47	75RB#0-50RB# 0	NV	20	5.67	0.00299 6	±2.5	PASS
2-2	15MHz-10M Hz	64QAM-64Q AM	19027-191 47	75RB#0-50RB# 0	NV	30	5.03	0.00265 8	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18675-188 25	75RB#0-75RB# 0	NV	-50	3.05	0.00164 2	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18675-188 25	75RB#0-75RB# 0	NV	-30	-2.59	-0.0013 94	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18675-188 25	75RB#0-75RB# 0	NV	-20	3.11	0.00167 4	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18675-188 25	75RB#0-75RB# 0	NV	-10	4.47	0.00240 6	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18675-188 25	75RB#0-75RB# 0	NV	0	4.25	0.00228 8	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18675-188 25	75RB#0-75RB# 0	NV	10	3.35	0.00180 3	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18675-188 25	75RB#0-75RB# 0	NV	20	-1.37	-0.0007 38	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18675-188 25	75RB#0-75RB# 0	NV	30	4.31	0.00232 0	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18675-188 25	75RB#0-75RB# 0	NV	-50	4.35	0.00234 2	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18675-188 25	75RB#0-75RB# 0	NV	-30	3.90	0.00210 0	±2.5	PASS

2-2	15MHz-15M Hz	16QAM-16Q AM	18675-188 25	75RB#0-75RB# 0	NV	-20	3.87	0.00208 3	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18675-188 25	75RB#0-75RB# 0	NV	-10	4.73	0.00254 6	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18675-188 25	75RB#0-75RB# 0	NV	0	5.86	0.00315 5	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18675-188 25	75RB#0-75RB# 0	NV	10	4.16	0.00224 0	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18675-188 25	75RB#0-75RB# 0	NV	20	3.68	0.00198 1	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18675-188 25	75RB#0-75RB# 0	NV	30	3.02	0.00162 6	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18675-188 25	75RB#0-75RB# 0	NV	-50	4.29	0.00231 0	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18675-188 25	75RB#0-75RB# 0	NV	-30	3.71	0.00199 7	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18675-188 25	75RB#0-75RB# 0	NV	-20	2.77	0.00149 1	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18675-188 25	75RB#0-75RB# 0	NV	-10	3.58	0.00192 7	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18675-188 25	75RB#0-75RB# 0	NV	0	2.64	0.00142 1	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18675-188 25	75RB#0-75RB# 0	NV	10	-2.96	-0.0015 94	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18675-188 25	75RB#0-75RB# 0	NV	20	4.45	0.00239 6	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18675-188 25	75RB#0-75RB# 0	NV	30	5.08	0.00273 5	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18825-189 75	75RB#0-75RB# 0	NV	-50	2.10	0.00112 1	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18825-189 75	75RB#0-75RB# 0	NV	-30	3.47	0.00185 3	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18825-189 75	75RB#0-75RB# 0	NV	-20	3.97	0.00212 0	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18825-189 75	75RB#0-75RB# 0	NV	-10	-2.78	-0.0014 85	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18825-189 75	75RB#0-75RB# 0	NV	0	2.79	0.00149 0	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18825-189 75	75RB#0-75RB# 0	NV	10	2.74	0.00146 3	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18825-189 75	75RB#0-75RB# 0	NV	20	2.72	0.00145 3	±2.5	PASS
2-2	15MHz-15M	QPSK-QPSK	18825-189	75RB#0-75RB#	NV	30	2.70	0.00144	±2.5	PASS

	Hz		75	0				2		
2-2	15MHz-15M Hz	16QAM-16Q AM	18825-189 75	75RB#0-75RB# 0	NV	-50	2.87	0.00153 3	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18825-189 75	75RB#0-75RB# 0	NV	-30	3.09	0.00165 0	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18825-189 75	75RB#0-75RB# 0	NV	-20	3.03	0.00161 8	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18825-189 75	75RB#0-75RB# 0	NV	-10	2.67	0.00142 6	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18825-189 75	75RB#0-75RB# 0	NV	0	2.63	0.00140 5	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18825-189 75	75RB#0-75RB# 0	NV	10	4.07	0.00217 4	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18825-189 75	75RB#0-75RB# 0	NV	20	3.75	0.00200 3	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18825-189 75	75RB#0-75RB# 0	NV	30	5.39	0.00287 9	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18825-189 75	75RB#0-75RB# 0	NV	-50	-3.12	-0.0016 66	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18825-189 75	75RB#0-75RB# 0	NV	-30	4.00	0.00213 6	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18825-189 75	75RB#0-75RB# 0	NV	-20	3.17	0.00169 3	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18825-189 75	75RB#0-75RB# 0	NV	-10	3.37	0.00180 0	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18825-189 75	75RB#0-75RB# 0	NV	0	3.70	0.00197 6	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18825-189 75	75RB#0-75RB# 0	NV	10	2.61	0.00139 4	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18825-189 75	75RB#0-75RB# 0	NV	20	3.09	0.00165 0	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18825-189 75	75RB#0-75RB# 0	NV	30	-3.27	-0.0017 46	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18975-191 25	75RB#0-75RB# 0	NV	-50	6.20	0.00328 5	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18975-191 25	75RB#0-75RB# 0	NV	-30	3.59	0.00190 2	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18975-191 25	75RB#0-75RB# 0	NV	-20	3.27	0.00173 2	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18975-191 25	75RB#0-75RB# 0	NV	-10	4.18	0.00221 5	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18975-191 25	75RB#0-75RB# 0	NV	0	3.54	0.00187 5	±2.5	PASS

2-2	15MHz-15M Hz	QPSK-QPSK	18975-191 25	75RB#0-75RB# 0	NV	10	2.52	0.00133 5	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18975-191 25	75RB#0-75RB# 0	NV	20	3.02	0.00160 0	±2.5	PASS
2-2	15MHz-15M Hz	QPSK-QPSK	18975-191 25	75RB#0-75RB# 0	NV	30	4.51	0.00238 9	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18975-191 25	75RB#0-75RB# 0	NV	-50	3.63	0.00192 3	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18975-191 25	75RB#0-75RB# 0	NV	-30	2.46	0.00130 3	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18975-191 25	75RB#0-75RB# 0	NV	-20	3.15	0.00166 9	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18975-191 25	75RB#0-75RB# 0	NV	-10	2.36	0.00125 0	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18975-191 25	75RB#0-75RB# 0	NV	0	3.59	0.00190 2	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18975-191 25	75RB#0-75RB# 0	NV	10	5.72	0.00303 0	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18975-191 25	75RB#0-75RB# 0	NV	20	2.51	0.00133 0	±2.5	PASS
2-2	15MHz-15M Hz	16QAM-16Q AM	18975-191 25	75RB#0-75RB# 0	NV	30	3.86	0.00204 5	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18975-191 25	75RB#0-75RB# 0	NV	-50	5.16	0.00273 4	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18975-191 25	75RB#0-75RB# 0	NV	-30	2.35	0.00124 5	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18975-191 25	75RB#0-75RB# 0	NV	-20	3.03	0.00160 5	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18975-191 25	75RB#0-75RB# 0	NV	-10	2.75	0.00145 7	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18975-191 25	75RB#0-75RB# 0	NV	0	-2.72	-0.0014 41	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18975-191 25	75RB#0-75RB# 0	NV	10	3.83	0.00202 9	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18975-191 25	75RB#0-75RB# 0	NV	20	3.40	0.00180 1	±2.5	PASS
2-2	15MHz-15M Hz	64QAM-64Q AM	18975-191 25	75RB#0-75RB# 0	NV	30	4.79	0.00253 8	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18678-188 49	75RB#0-100RB #0	NV	-50	3.53	0.00190 0	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18678-188 49	75RB#0-100RB #0	NV	-30	4.18	0.00225 0	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18678-188	75RB#0-100RB	NV	-20	4.85	0.00261	±2.5	PASS

	Hz		49	#0				1		
2-2	15MHz-20M Hz	QPSK-QPSK	18678-188 49	75RB#0-100RB #0	NV	-10	5.69	0.00306 3	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18678-188 49	75RB#0-100RB #0	NV	0	-3.40	-0.0018 30	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18678-188 49	75RB#0-100RB #0	NV	10	3.64	0.00195 9	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18678-188 49	75RB#0-100RB #0	NV	20	4.11	0.00221 2	±2.5	PASS
2-2	15MHz-20M Hz	QPSK-QPSK	18678-188 49	75RB#0-100RB #0	NV	30	3.12	0.00167 9	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18678-188 49	75RB#0-100RB #0	NV	-50	2.73	0.00146 9	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18678-188 49	75RB#0-100RB #0	NV	-30	4.03	0.00216 9	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18678-188 49	75RB#0-100RB #0	NV	-20	-2.04	-0.0010 98	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18678-188 49	75RB#0-100RB #0	NV	-10	-3.82	-0.0020 56	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18678-188 49	75RB#0-100RB #0	NV	0	-6.72	-0.0036 17	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18678-188 49	75RB#0-100RB #0	NV	10	-3.89	-0.0020 94	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18678-188 49	75RB#0-100RB #0	NV	20	-2.60	-0.0014 00	±2.5	PASS
2-2	15MHz-20M Hz	16QAM-16Q AM	18678-188 49	75RB#0-100RB #0	NV	30	2.25	0.00121 1	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18678-188 49	75RB#0-100RB #0	NV	-50	-2.65	-0.0014 26	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18678-188 49	75RB#0-100RB #0	NV	-30	1.62	0.00087 2	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18678-188 49	75RB#0-100RB #0	NV	-20	-2.43	-0.0013 08	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18678-188 49	75RB#0-100RB #0	NV	-10	2.72	0.00146 4	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18678-188 49	75RB#0-100RB #0	NV	0	-2.85	-0.0015 34	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18678-188 49	75RB#0-100RB #0	NV	10	-4.18	-0.0022 50	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18678-188 49	75RB#0-100RB #0	NV	20	2.91	0.00156 6	±2.5	PASS
2-2	15MHz-20M Hz	64QAM-64Q AM	18678-188 49	75RB#0-100RB #0	NV	30	2.03	0.00109 3	±2.5	PASS