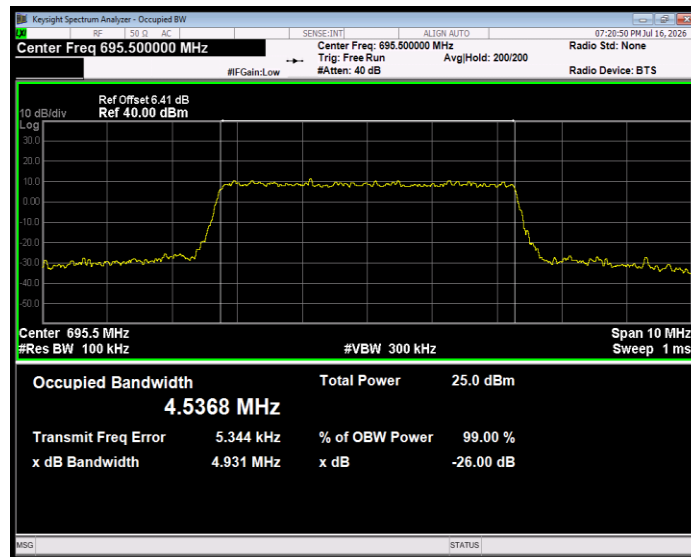


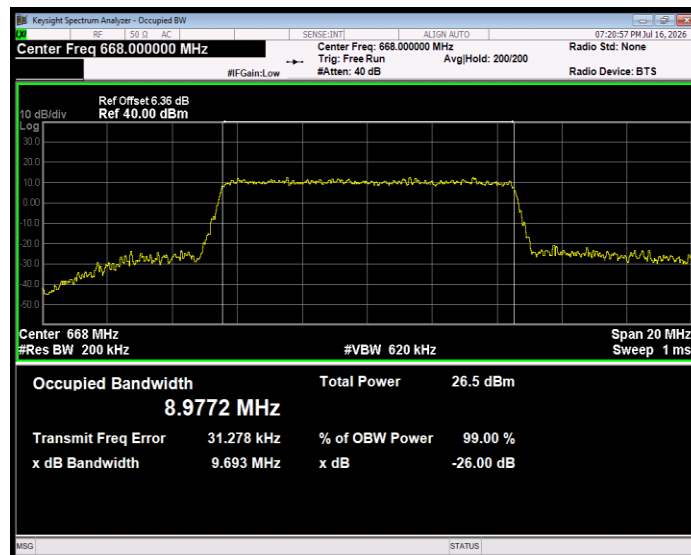


Report

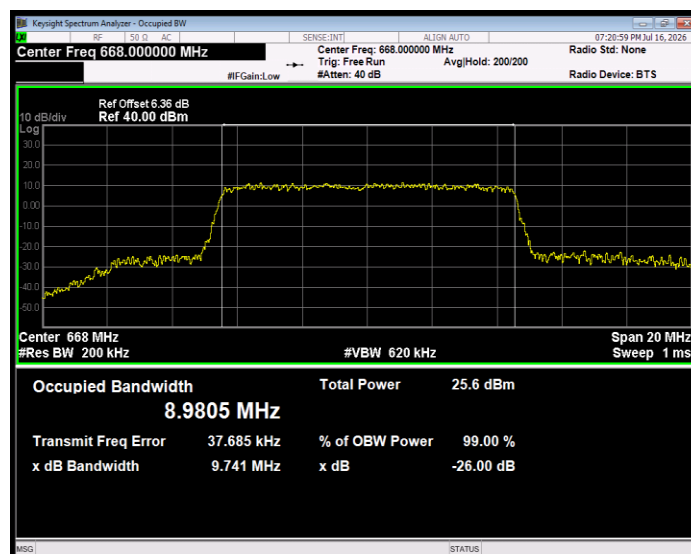
Band71 16QAM BW=5MHz Channel=133447 RB Size=25 Position=#0



Band71 QPSK BW=10MHz Channel=133172 RB Size=50 Position=#0



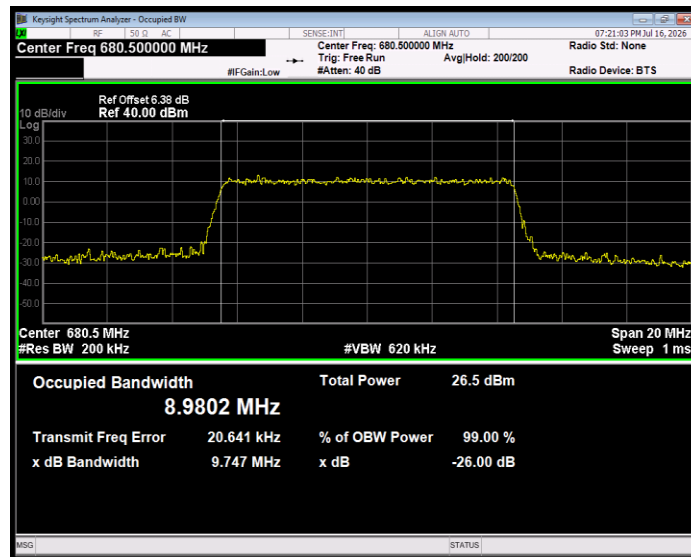
Band71 16QAM BW=10MHz Channel=133172 RB Size=50 Position=#0



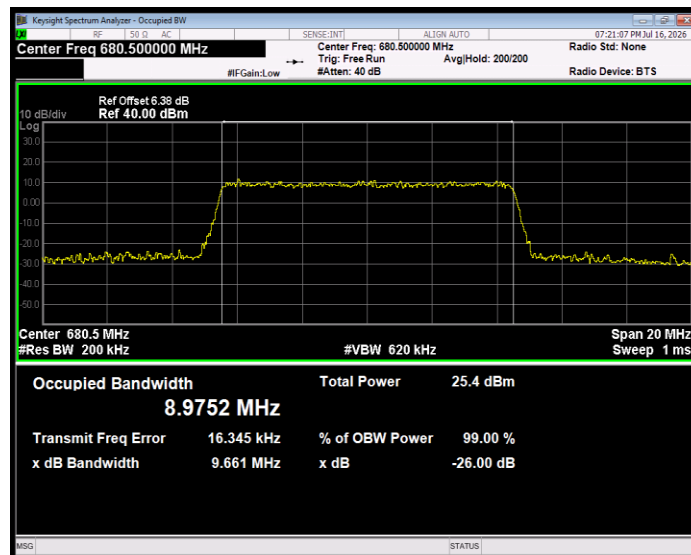


Report

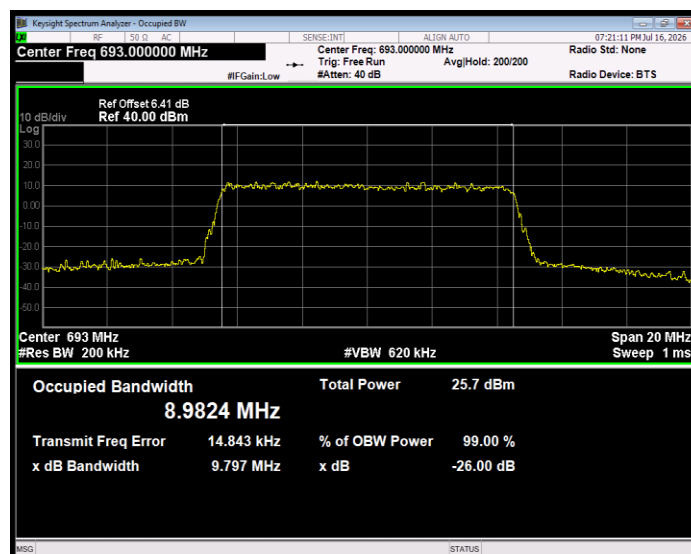
Band71 QPSK BW=10MHz Channel=133297 RB Size=50 Position=#0



Band71 16QAM BW=10MHz Channel=133297 RB Size=50 Position=#0



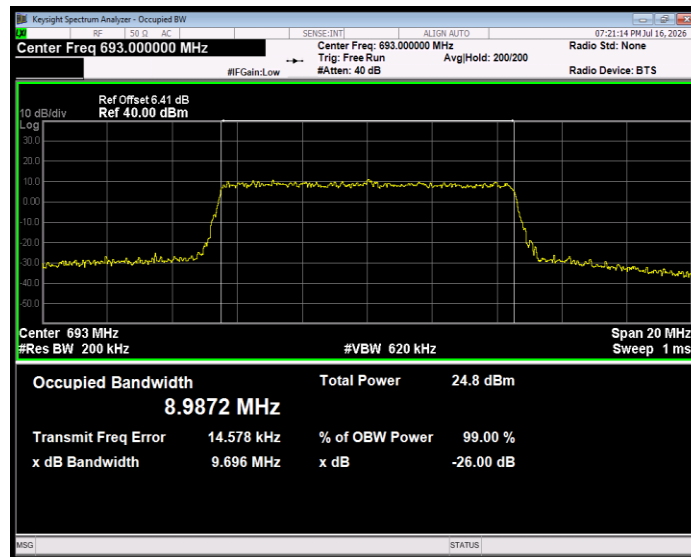
Band71 QPSK BW=10MHz Channel=133422 RB Size=50 Position=#0



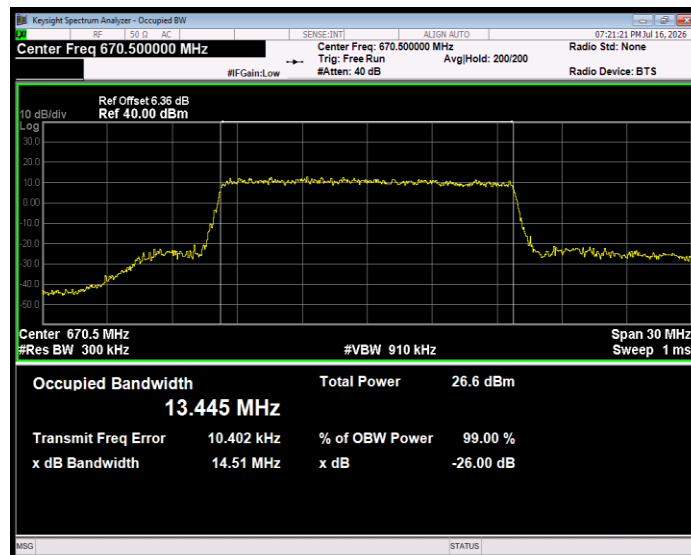


Report

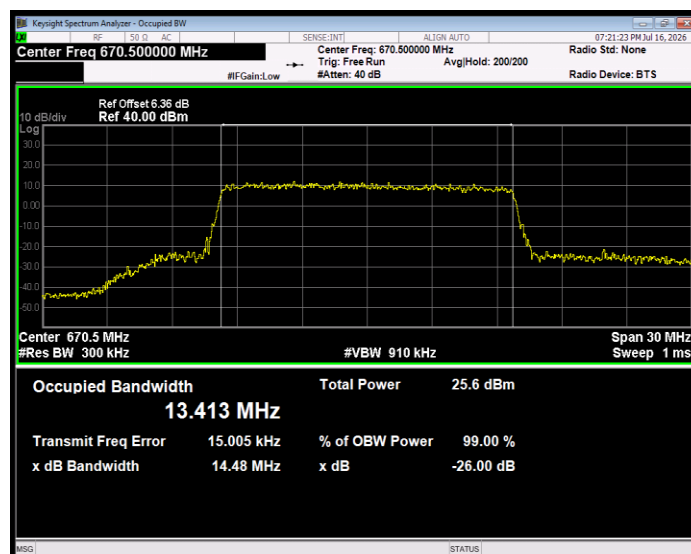
Band71 16QAM BW=10MHz Channel=133422 RB Size=50 Position=#0



Band71 QPSK BW=15MHz Channel=133197 RB Size=75 Position=#0



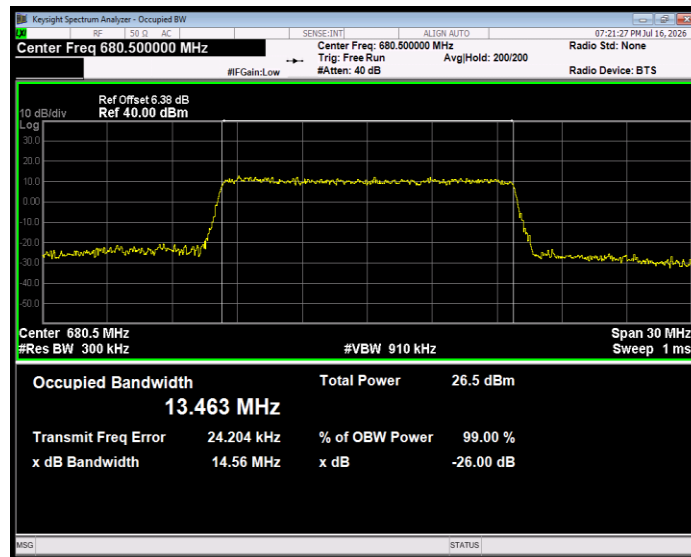
Band71 16QAM BW=15MHz Channel=133197 RB Size=75 Position=#0



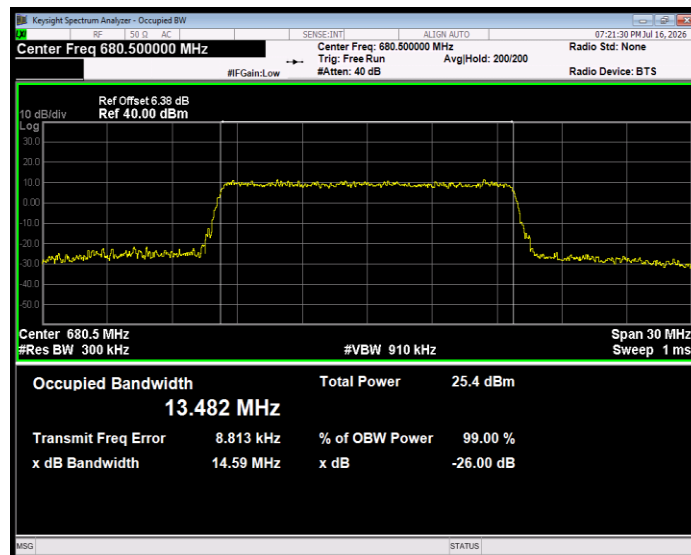


Report

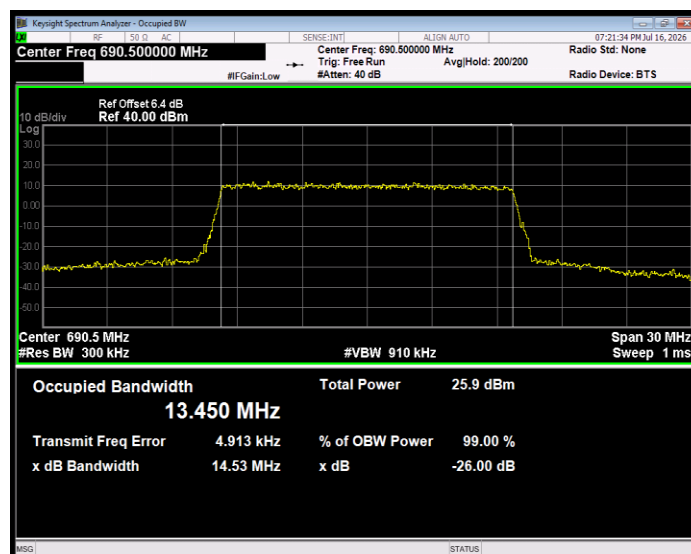
Band71 QPSK BW=15MHz Channel=133297 RB Size=75 Position=#0



Band71 16QAM BW=15MHz Channel=133297 RB Size=75 Position=#0



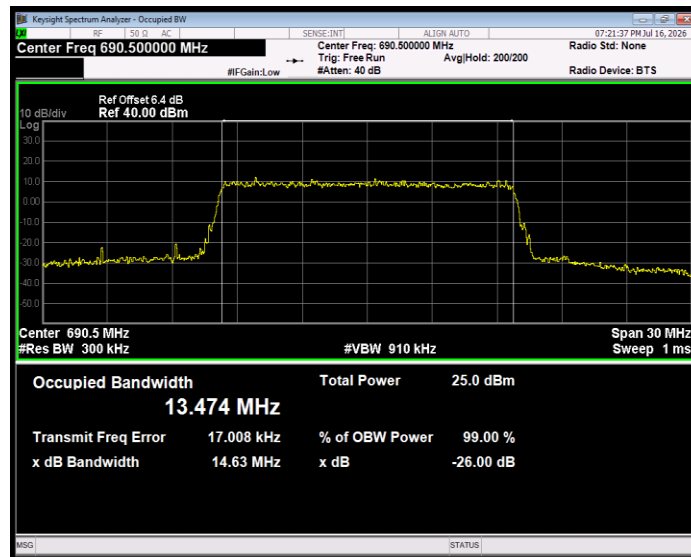
Band71 QPSK BW=15MHz Channel=133397 RB Size=75 Position=#0



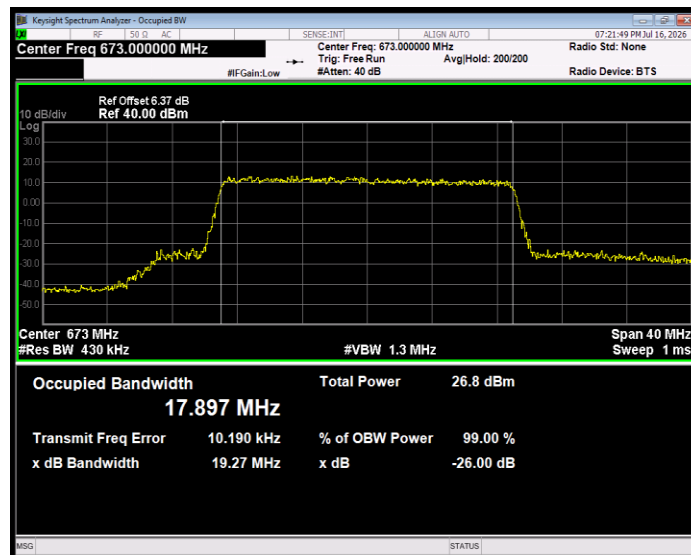


Report

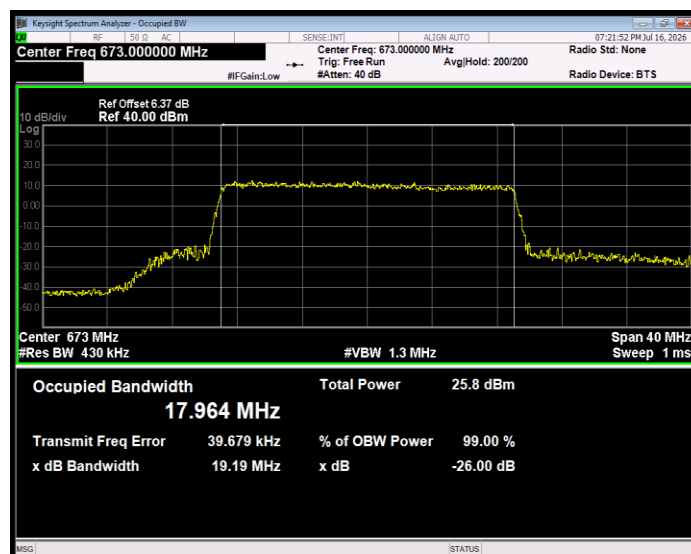
Band71 16QAM BW=15MHz Channel=133397 RB Size=75 Position=#0



Band71 QPSK BW=20MHz Channel=133222 RB Size=100 Position=#0



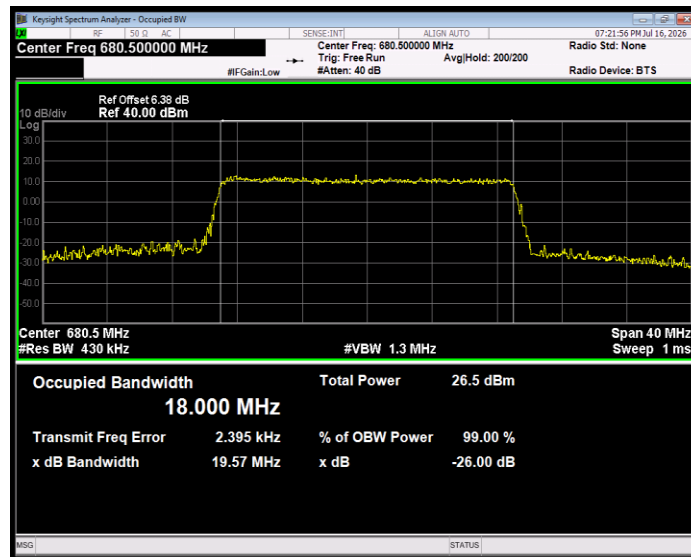
Band71 16QAM BW=20MHz Channel=133222 RB Size=100 Position=#0



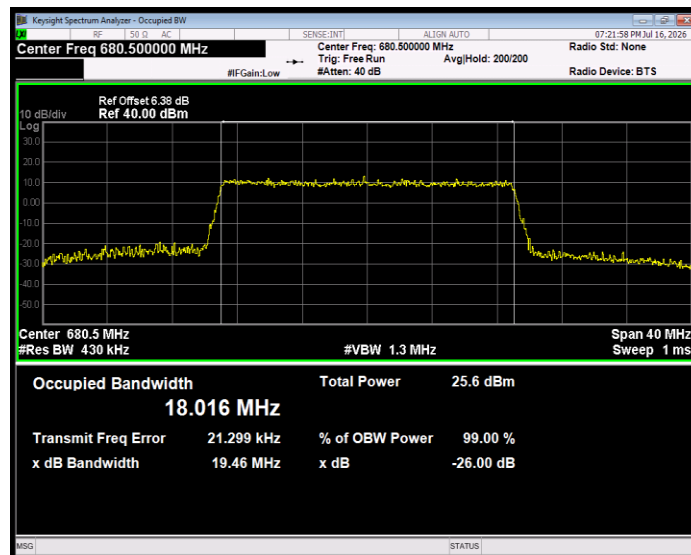


Report

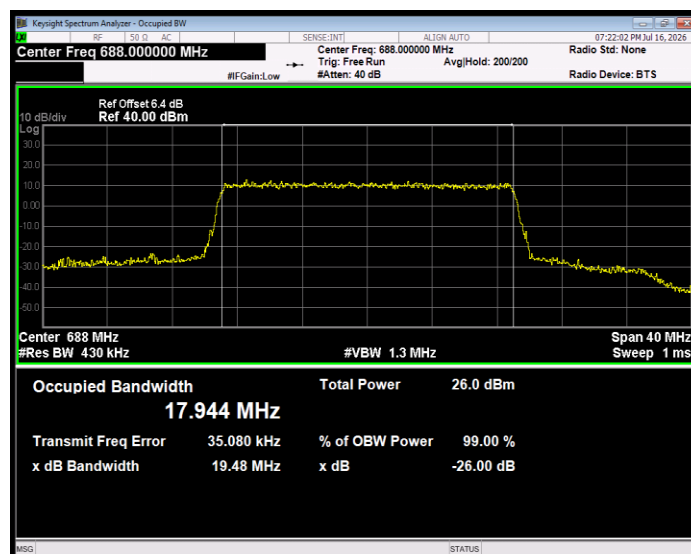
Band71 QPSK BW=20MHz Channel=133297 RB Size=100 Position=#0



Band71 16QAM BW=20MHz Channel=133297 RB Size=100 Position=#0



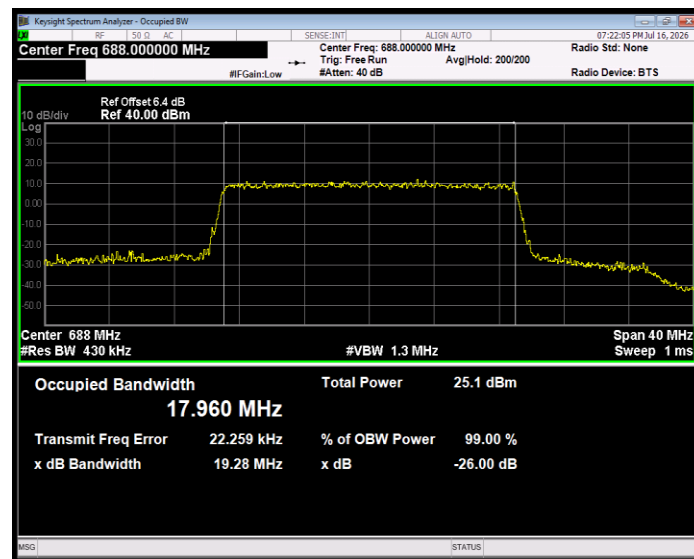
Band71 QPSK BW=20MHz Channel=133372 RB Size=100 Position=#0





Report

Band71 16QAM BW=20MHz Channel=133372 RB Size=100 Position=#0





Report

Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band2	1.4	18607	1	#0	QPSK	1850.00	-20.85	-13	PASS
Band2	1.4	18607	1	#0	QPSK	1849.00	-32.54	-13	PASS
Band2	1.4	18607	1	#Max	QPSK	1849.36	-44.93	-13	PASS
Band2	1.4	18607	1	#Max	QPSK	1849.00	-34.99	-13	PASS
Band2	1.4	18607	6	#0	QPSK	1850.00	-29.36	-13	PASS
Band2	1.4	18607	6	#0	QPSK	1849.00	-21.91	-13	PASS
Band2	1.4	18607	1	#0	16QAM	1850.00	-22.36	-13	PASS
Band2	1.4	18607	1	#0	16QAM	1849.00	-33.21	-13	PASS
Band2	1.4	18607	1	#Max	16QAM	1849.36	-45.63	-13	PASS
Band2	1.4	18607	1	#Max	16QAM	1849.00	-35.32	-13	PASS
Band2	1.4	18607	6	#0	16QAM	1850.00	-29.10	-13	PASS
Band2	1.4	18607	6	#0	16QAM	1849.00	-23.30	-13	PASS
Band2	1.4	19193	1	#0	QPSK	1910.64	-44.40	-13	PASS
Band2	1.4	19193	1	#0	QPSK	1911.00	-34.51	-13	PASS
Band2	1.4	19193	1	#Max	QPSK	1910.00	-20.94	-13	PASS
Band2	1.4	19193	1	#Max	QPSK	1911.00	-31.69	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.00	-28.59	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1911.00	-20.89	-13	PASS
Band2	1.4	19193	1	#0	16QAM	1910.64	-45.37	-13	PASS
Band2	1.4	19193	1	#0	16QAM	1911.00	-34.96	-13	PASS
Band2	1.4	19193	1	#Max	16QAM	1910.00	-22.82	-13	PASS
Band2	1.4	19193	1	#Max	16QAM	1911.00	-32.92	-13	PASS
Band2	1.4	19193	6	#0	16QAM	1910.01	-29.77	-13	PASS
Band2	1.4	19193	6	#0	16QAM	1911.00	-22.28	-13	PASS
Band2	3	18615	1	#0	QPSK	1850.00	-18.12	-13	PASS
Band2	3	18615	1	#0	QPSK	1849.00	-32.69	-13	PASS
Band2	3	18615	1	#Max	QPSK	1849.90	-42.64	-13	PASS
Band2	3	18615	1	#Max	QPSK	1849.00	-37.81	-13	PASS
Band2	3	18615	15	#0	QPSK	1849.99	-29.62	-13	PASS
Band2	3	18615	15	#0	QPSK	1849.00	-22.86	-13	PASS
Band2	3	18615	1	#0	16QAM	1850.00	-19.36	-13	PASS
Band2	3	18615	1	#0	16QAM	1849.00	-33.43	-13	PASS
Band2	3	18615	1	#Max	16QAM	1849.91	-43.55	-13	PASS
Band2	3	18615	1	#Max	16QAM	1849.00	-38.09	-13	PASS
Band2	3	18615	15	#0	16QAM	1850.00	-29.26	-13	PASS
Band2	3	18615	15	#0	16QAM	1849.00	-21.85	-13	PASS
Band2	3	19185	1	#0	QPSK	1910.10	-42.70	-13	PASS
Band2	3	19185	1	#0	QPSK	1911.00	-37.04	-13	PASS
Band2	3	19185	1	#Max	QPSK	1910.00	-17.24	-13	PASS
Band2	3	19185	1	#Max	QPSK	1911.00	-32.34	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.00	-29.01	-13	PASS



Report

Band2	3	19185	15	#0	QPSK	1911.00	-20.10	-13	PASS
Band2	3	19185	1	#0	16QAM	1910.11	-36.44	-13	PASS
Band2	3	19185	1	#0	16QAM	1911.00	-37.32	-13	PASS
Band2	3	19185	1	#Max	16QAM	1910.00	-18.40	-13	PASS
Band2	3	19185	1	#Max	16QAM	1911.00	-32.95	-13	PASS
Band2	3	19185	15	#0	16QAM	1910.00	-29.93	-13	PASS
Band2	3	19185	15	#0	16QAM	1911.00	-20.04	-13	PASS
Band2	5	18625	1	#0	QPSK	1850.00	-16.70	-13	PASS
Band2	5	18625	1	#0	QPSK	1849.00	-33.70	-13	PASS
Band2	5	18625	1	#Max	QPSK	1847.42	-43.87	-13	PASS
Band2	5	18625	1	#Max	QPSK	1849.00	-38.25	-13	PASS
Band2	5	18625	25	#0	QPSK	1850.00	-29.85	-13	PASS
Band2	5	18625	25	#0	QPSK	1849.00	-24.04	-13	PASS
Band2	5	18625	1	#0	16QAM	1850.00	-17.65	-13	PASS
Band2	5	18625	1	#0	16QAM	1849.00	-34.40	-13	PASS
Band2	5	18625	1	#Max	16QAM	1847.41	-44.55	-13	PASS
Band2	5	18625	1	#Max	16QAM	1849.00	-38.43	-13	PASS
Band2	5	18625	25	#0	16QAM	1850.00	-30.08	-13	PASS
Band2	5	18625	25	#0	16QAM	1849.00	-23.29	-13	PASS
Band2	5	19175	1	#0	QPSK	1912.58	-43.29	-13	PASS
Band2	5	19175	1	#0	QPSK	1911.00	-37.61	-13	PASS
Band2	5	19175	1	#Max	QPSK	1910.00	-17.43	-13	PASS
Band2	5	19175	1	#Max	QPSK	1911.00	-33.45	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.00	-29.63	-13	PASS
Band2	5	19175	25	#0	QPSK	1911.00	-22.02	-13	PASS
Band2	5	19175	1	#0	16QAM	1912.59	-44.01	-13	PASS
Band2	5	19175	1	#0	16QAM	1911.00	-37.74	-13	PASS
Band2	5	19175	1	#Max	16QAM	1910.00	-16.89	-13	PASS
Band2	5	19175	1	#Max	16QAM	1911.00	-33.82	-13	PASS
Band2	5	19175	25	#0	16QAM	1910.01	-29.83	-13	PASS
Band2	5	19175	25	#0	16QAM	1911.00	-21.84	-13	PASS
Band2	10	18650	1	#0	QPSK	1850.00	-20.34	-13	PASS
Band2	10	18650	1	#0	QPSK	1849.00	-35.63	-13	PASS
Band2	10	18650	1	#Max	QPSK	1844.82	-42.86	-13	PASS
Band2	10	18650	1	#Max	QPSK	1849.00	-40.70	-13	PASS
Band2	10	18650	50	#0	QPSK	1850.00	-33.70	-13	PASS
Band2	10	18650	50	#0	QPSK	1849.00	-27.76	-13	PASS
Band2	10	18650	1	#0	16QAM	1850.00	-21.62	-13	PASS
Band2	10	18650	1	#0	16QAM	1849.00	-35.63	-13	PASS
Band2	10	18650	1	#Max	16QAM	1844.84	-43.88	-13	PASS
Band2	10	18650	1	#Max	16QAM	1849.00	-40.80	-13	PASS
Band2	10	18650	50	#0	16QAM	1850.00	-33.96	-13	PASS
Band2	10	18650	50	#0	16QAM	1849.00	-27.71	-13	PASS
Band2	10	19150	1	#0	QPSK	1915.18	-42.08	-13	PASS



Report

Band2	10	19150	1	#0	QPSK	1911.00	-39.29	-13	PASS
Band2	10	19150	1	#Max	QPSK	1910.00	-19.81	-13	PASS
Band2	10	19150	1	#Max	QPSK	1911.00	-35.15	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.00	-33.41	-13	PASS
Band2	10	19150	50	#0	QPSK	1911.00	-25.54	-13	PASS
Band2	10	19150	1	#0	16QAM	1915.18	-42.78	-13	PASS
Band2	10	19150	1	#0	16QAM	1911.00	-39.34	-13	PASS
Band2	10	19150	1	#Max	16QAM	1910.02	-21.45	-13	PASS
Band2	10	19150	1	#Max	16QAM	1911.00	-35.36	-13	PASS
Band2	10	19150	50	#0	16QAM	1910.02	-33.19	-13	PASS
Band2	10	19150	50	#0	16QAM	1911.00	-25.35	-13	PASS
Band2	15	18675	1	#0	QPSK	1850.00	-21.35	-13	PASS
Band2	15	18675	1	#0	QPSK	1849.00	-35.23	-13	PASS
Band2	15	18675	1	#Max	QPSK	1847.33	-43.07	-13	PASS
Band2	15	18675	1	#Max	QPSK	1849.00	-41.73	-13	PASS
Band2	15	18675	75	#0	QPSK	1849.70	-34.41	-13	PASS
Band2	15	18675	75	#0	QPSK	1849.00	-27.93	-13	PASS
Band2	15	18675	1	#0	16QAM	1850.00	-21.51	-13	PASS
Band2	15	18675	1	#0	16QAM	1849.00	-35.46	-13	PASS
Band2	15	18675	1	#Max	16QAM	1847.36	-43.81	-13	PASS
Band2	15	18675	1	#Max	16QAM	1849.00	-41.78	-13	PASS
Band2	15	18675	75	#0	16QAM	1849.97	-35.26	-13	PASS
Band2	15	18675	75	#0	16QAM	1849.00	-28.95	-13	PASS
Band2	15	19125	1	#0	QPSK	1912.67	-42.20	-13	PASS
Band2	15	19125	1	#0	QPSK	1911.00	-41.13	-13	PASS
Band2	15	19125	1	#Max	QPSK	1910.00	-22.35	-13	PASS
Band2	15	19125	1	#Max	QPSK	1911.00	-35.73	-13	PASS
Band2	15	19125	75	#0	QPSK	1912.13	-33.72	-13	PASS
Band2	15	19125	75	#0	QPSK	1911.00	-27.44	-13	PASS
Band2	15	19125	1	#0	16QAM	1912.67	-42.91	-13	PASS
Band2	15	19125	1	#0	16QAM	1911.00	-41.20	-13	PASS
Band2	15	19125	1	#Max	16QAM	1910.00	-22.58	-13	PASS
Band2	15	19125	1	#Max	16QAM	1911.00	-36.06	-13	PASS
Band2	15	19125	75	#0	16QAM	1912.76	-34.13	-13	PASS
Band2	15	19125	75	#0	16QAM	1911.00	-26.86	-13	PASS
Band2	20	18700	1	#0	QPSK	1850.00	-24.31	-13	PASS
Band2	20	18700	1	#0	QPSK	1849.00	-35.77	-13	PASS
Band2	20	18700	1	#Max	QPSK	1839.68	-39.61	-13	PASS
Band2	20	18700	1	#Max	QPSK	1849.00	-41.27	-13	PASS
Band2	20	18700	100	#0	QPSK	1849.92	-35.64	-13	PASS
Band2	20	18700	100	#0	QPSK	1849.00	-29.99	-13	PASS
Band2	20	18700	1	#0	16QAM	1850.00	-24.28	-13	PASS
Band2	20	18700	1	#0	16QAM	1849.00	-36.63	-13	PASS
Band2	20	18700	1	#Max	16QAM	1839.68	-40.39	-13	PASS



Report

Band2	20	18700	1	#Max	16QAM	1849.00	-41.34	-13	PASS
Band2	20	18700	100	#0	16QAM	1849.96	-35.58	-13	PASS
Band2	20	18700	100	#0	16QAM	1849.00	-30.26	-13	PASS
Band2	20	19100	1	#0	QPSK	1914.44	-46.32	-13	PASS
Band2	20	19100	1	#0	QPSK	1911.00	-41.59	-13	PASS
Band2	20	19100	1	#Max	QPSK	1910.00	-23.39	-13	PASS
Band2	20	19100	1	#Max	QPSK	1911.00	-36.17	-13	PASS
Band2	20	19100	100	#0	QPSK	1910.00	-34.91	-13	PASS
Band2	20	19100	100	#0	QPSK	1911.00	-29.37	-13	PASS
Band2	20	19100	1	#0	16QAM	1914.44	-46.81	-13	PASS
Band2	20	19100	1	#0	16QAM	1911.00	-41.64	-13	PASS
Band2	20	19100	1	#Max	16QAM	1910.00	-23.90	-13	PASS
Band2	20	19100	1	#Max	16QAM	1911.00	-36.14	-13	PASS
Band2	20	19100	100	#0	16QAM	1910.00	-35.28	-13	PASS
Band2	20	19100	100	#0	16QAM	1911.00	-29.30	-13	PASS
Band4	1.4	19957	1	#0	QPSK	1710.00	-21.08	-13	PASS
Band4	1.4	19957	1	#0	QPSK	1709.00	-32.33	-13	PASS
Band4	1.4	19957	1	#Max	QPSK	1709.36	-45.20	-13	PASS
Band4	1.4	19957	1	#Max	QPSK	1709.00	-35.01	-13	PASS
Band4	1.4	19957	6	#0	QPSK	1709.99	-29.06	-13	PASS
Band4	1.4	19957	6	#0	QPSK	1709.00	-21.67	-13	PASS
Band4	1.4	19957	1	#0	16QAM	1710.00	-22.99	-13	PASS
Band4	1.4	19957	1	#0	16QAM	1709.00	-33.35	-13	PASS
Band4	1.4	19957	1	#Max	16QAM	1709.36	-46.04	-13	PASS
Band4	1.4	19957	1	#Max	16QAM	1709.00	-35.31	-13	PASS
Band4	1.4	19957	6	#0	16QAM	1710.00	-29.49	-13	PASS
Band4	1.4	19957	6	#0	16QAM	1709.00	-22.59	-13	PASS
Band4	1.4	20393	1	#0	QPSK	1755.64	-45.43	-13	PASS
Band4	1.4	20393	1	#0	QPSK	1756.00	-35.70	-13	PASS
Band4	1.4	20393	1	#Max	QPSK	1755.00	-22.48	-13	PASS
Band4	1.4	20393	1	#Max	QPSK	1756.00	-33.16	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.00	-30.13	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1756.00	-23.02	-13	PASS
Band4	1.4	20393	1	#0	16QAM	1755.64	-46.64	-13	PASS
Band4	1.4	20393	1	#0	16QAM	1756.00	-35.66	-13	PASS
Band4	1.4	20393	1	#Max	16QAM	1755.00	-24.76	-13	PASS
Band4	1.4	20393	1	#Max	16QAM	1756.00	-33.77	-13	PASS
Band4	1.4	20393	6	#0	16QAM	1755.00	-30.78	-13	PASS
Band4	1.4	20393	6	#0	16QAM	1756.00	-24.06	-13	PASS
Band4	3	19965	1	#0	QPSK	1710.00	-17.98	-13	PASS
Band4	3	19965	1	#0	QPSK	1709.00	-32.58	-13	PASS
Band4	3	19965	1	#Max	QPSK	1709.91	-42.17	-13	PASS
Band4	3	19965	1	#Max	QPSK	1709.00	-37.09	-13	PASS
Band4	3	19965	15	#0	QPSK	1710.00	-29.03	-13	PASS



Report

Band4	3	19965	15	#0	QPSK	1709.00	-22.20	-13	PASS
Band4	3	19965	1	#0	16QAM	1710.00	-19.44	-13	PASS
Band4	3	19965	1	#0	16QAM	1709.00	-33.32	-13	PASS
Band4	3	19965	1	#Max	16QAM	1709.91	-42.55	-13	PASS
Band4	3	19965	1	#Max	16QAM	1709.00	-37.50	-13	PASS
Band4	3	19965	15	#0	16QAM	1709.99	-28.98	-13	PASS
Band4	3	19965	15	#0	16QAM	1709.00	-21.16	-13	PASS
Band4	3	20385	1	#0	QPSK	1755.09	-42.74	-13	PASS
Band4	3	20385	1	#0	QPSK	1756.00	-37.69	-13	PASS
Band4	3	20385	1	#Max	QPSK	1755.00	-19.05	-13	PASS
Band4	3	20385	1	#Max	QPSK	1756.00	-33.13	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-30.15	-13	PASS
Band4	3	20385	15	#0	QPSK	1756.00	-22.41	-13	PASS
Band4	3	20385	1	#0	16QAM	1755.11	-43.67	-13	PASS
Band4	3	20385	1	#0	16QAM	1756.00	-37.90	-13	PASS
Band4	3	20385	1	#Max	16QAM	1755.00	-19.25	-13	PASS
Band4	3	20385	1	#Max	16QAM	1756.00	-33.66	-13	PASS
Band4	3	20385	15	#0	16QAM	1755.00	-30.97	-13	PASS
Band4	3	20385	15	#0	16QAM	1756.00	-21.79	-13	PASS
Band4	5	19975	1	#0	QPSK	1710.00	-17.07	-13	PASS
Band4	5	19975	1	#0	QPSK	1709.00	-33.48	-13	PASS
Band4	5	19975	1	#Max	QPSK	1707.42	-42.62	-13	PASS
Band4	5	19975	1	#Max	QPSK	1709.00	-37.14	-13	PASS
Band4	5	19975	25	#0	QPSK	1710.00	-28.52	-13	PASS
Band4	5	19975	25	#0	QPSK	1709.00	-22.28	-13	PASS
Band4	5	19975	1	#0	16QAM	1710.00	-17.76	-13	PASS
Band4	5	19975	1	#0	16QAM	1709.00	-34.45	-13	PASS
Band4	5	19975	1	#Max	16QAM	1707.42	-43.54	-13	PASS
Band4	5	19975	1	#Max	16QAM	1709.00	-37.26	-13	PASS
Band4	5	19975	25	#0	16QAM	1710.00	-28.97	-13	PASS
Band4	5	19975	25	#0	16QAM	1709.00	-21.65	-13	PASS
Band4	5	20375	1	#0	QPSK	1757.59	-43.78	-13	PASS
Band4	5	20375	1	#0	QPSK	1756.00	-37.62	-13	PASS
Band4	5	20375	1	#Max	QPSK	1755.00	-17.87	-13	PASS
Band4	5	20375	1	#Max	QPSK	1756.00	-34.09	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.00	-29.25	-13	PASS
Band4	5	20375	25	#0	QPSK	1756.00	-22.17	-13	PASS
Band4	5	20375	1	#0	16QAM	1757.60	-44.60	-13	PASS
Band4	5	20375	1	#0	16QAM	1756.00	-37.75	-13	PASS
Band4	5	20375	1	#Max	16QAM	1755.00	-17.68	-13	PASS
Band4	5	20375	1	#Max	16QAM	1756.00	-34.45	-13	PASS
Band4	5	20375	25	#0	16QAM	1755.00	-30.58	-13	PASS
Band4	5	20375	25	#0	16QAM	1756.00	-22.09	-13	PASS
Band4	10	20000	1	#0	QPSK	1709.98	-20.49	-13	PASS



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Band4	10	20000	1	#0	QPSK	1709.00	-35.74	-13	PASS
Band4	10	20000	1	#Max	QPSK	1704.82	-41.74	-13	PASS
Band4	10	20000	1	#Max	QPSK	1709.00	-39.23	-13	PASS
Band4	10	20000	50	#0	QPSK	1709.98	-31.47	-13	PASS
Band4	10	20000	50	#0	QPSK	1709.00	-24.46	-13	PASS
Band4	10	20000	1	#0	16QAM	1710.00	-20.63	-13	PASS
Band4	10	20000	1	#0	16QAM	1709.00	-36.01	-13	PASS
Band4	10	20000	1	#Max	16QAM	1704.82	-42.65	-13	PASS
Band4	10	20000	1	#Max	16QAM	1709.00	-39.28	-13	PASS
Band4	10	20000	50	#0	16QAM	1710.00	-31.97	-13	PASS
Band4	10	20000	50	#0	16QAM	1709.00	-24.20	-13	PASS
Band4	10	20350	1	#0	QPSK	1760.18	-40.52	-13	PASS
Band4	10	20350	1	#0	QPSK	1756.00	-38.50	-13	PASS
Band4	10	20350	1	#Max	QPSK	1755.00	-20.67	-13	PASS
Band4	10	20350	1	#Max	QPSK	1756.00	-35.90	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.02	-31.15	-13	PASS
Band4	10	20350	50	#0	QPSK	1756.00	-23.49	-13	PASS
Band4	10	20350	1	#0	16QAM	1760.16	-41.58	-13	PASS
Band4	10	20350	1	#0	16QAM	1756.00	-38.54	-13	PASS
Band4	10	20350	1	#Max	16QAM	1755.00	-20.77	-13	PASS
Band4	10	20350	1	#Max	16QAM	1756.00	-36.34	-13	PASS
Band4	10	20350	50	#0	16QAM	1755.00	-31.34	-13	PASS
Band4	10	20350	50	#0	16QAM	1756.00	-23.60	-13	PASS
Band4	15	20025	1	#0	QPSK	1710.00	-21.23	-13	PASS
Band4	15	20025	1	#0	QPSK	1709.00	-35.85	-13	PASS
Band4	15	20025	1	#Max	QPSK	1707.33	-42.35	-13	PASS
Band4	15	20025	1	#Max	QPSK	1709.00	-41.36	-13	PASS
Band4	15	20025	75	#0	QPSK	1710.00	-32.88	-13	PASS
Band4	15	20025	75	#0	QPSK	1709.00	-26.30	-13	PASS
Band4	15	20025	1	#0	16QAM	1710.00	-22.55	-13	PASS
Band4	15	20025	1	#0	16QAM	1709.00	-36.38	-13	PASS
Band4	15	20025	1	#Max	16QAM	1707.33	-42.86	-13	PASS
Band4	15	20025	1	#Max	16QAM	1709.00	-41.24	-13	PASS
Band4	15	20025	75	#0	16QAM	1710.00	-32.77	-13	PASS
Band4	15	20025	75	#0	16QAM	1709.00	-25.61	-13	PASS
Band4	15	20325	1	#0	QPSK	1757.67	-41.59	-13	PASS
Band4	15	20325	1	#0	QPSK	1756.00	-40.66	-13	PASS
Band4	15	20325	1	#Max	QPSK	1755.00	-21.84	-13	PASS
Band4	15	20325	1	#Max	QPSK	1756.00	-36.53	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.33	-30.69	-13	PASS
Band4	15	20325	75	#0	QPSK	1756.00	-23.82	-13	PASS
Band4	15	20325	1	#0	16QAM	1757.67	-42.04	-13	PASS
Band4	15	20325	1	#0	16QAM	1756.00	-40.70	-13	PASS
Band4	15	20325	1	#Max	16QAM	1755.00	-23.06	-13	PASS



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Band4	15	20325	1	#Max	16QAM	1756.00	-36.57	-13	PASS
Band4	15	20325	75	#0	16QAM	1755.54	-31.57	-13	PASS
Band4	15	20325	75	#0	16QAM	1756.00	-24.10	-13	PASS
Band4	20	20050	1	#0	QPSK	1710.00	-24.04	-13	PASS
Band4	20	20050	1	#0	QPSK	1709.00	-36.64	-13	PASS
Band4	20	20050	1	#Max	QPSK	1699.68	-38.58	-13	PASS
Band4	20	20050	1	#Max	QPSK	1709.00	-40.26	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.96	-32.48	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.00	-27.25	-13	PASS
Band4	20	20050	1	#0	16QAM	1710.00	-24.29	-13	PASS
Band4	20	20050	1	#0	16QAM	1709.00	-36.63	-13	PASS
Band4	20	20050	1	#Max	16QAM	1699.68	-39.24	-13	PASS
Band4	20	20050	1	#Max	16QAM	1709.00	-40.36	-13	PASS
Band4	20	20050	100	#0	16QAM	1710.00	-32.92	-13	PASS
Band4	20	20050	100	#0	16QAM	1709.00	-27.33	-13	PASS
Band4	20	20300	1	#0	QPSK	1765.32	-38.00	-13	PASS
Band4	20	20300	1	#0	QPSK	1756.00	-39.89	-13	PASS
Band4	20	20300	1	#Max	QPSK	1755.00	-24.66	-13	PASS
Band4	20	20300	1	#Max	QPSK	1756.00	-36.97	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.00	-31.81	-13	PASS
Band4	20	20300	100	#0	QPSK	1756.00	-26.45	-13	PASS
Band4	20	20300	1	#0	16QAM	1765.32	-38.68	-13	PASS
Band4	20	20300	1	#0	16QAM	1756.00	-40.13	-13	PASS
Band4	20	20300	1	#Max	16QAM	1755.00	-24.91	-13	PASS
Band4	20	20300	1	#Max	16QAM	1756.00	-37.06	-13	PASS
Band4	20	20300	100	#0	16QAM	1755.00	-32.50	-13	PASS
Band4	20	20300	100	#0	16QAM	1756.00	-26.46	-13	PASS
Band5	1.4	20407	1	#0	QPSK	824.00	-22.08	-13	PASS
Band5	1.4	20407	1	#0	QPSK	823.00	-34.66	-13	PASS
Band5	1.4	20407	1	#Max	QPSK	823.36	-45.23	-13	PASS
Band5	1.4	20407	1	#Max	QPSK	823.00	-36.30	-13	PASS
Band5	1.4	20407	6	#0	QPSK	824.00	-30.94	-13	PASS
Band5	1.4	20407	6	#0	QPSK	823.00	-25.72	-13	PASS
Band5	1.4	20407	1	#0	16QAM	824.00	-22.62	-13	PASS
Band5	1.4	20407	1	#0	16QAM	823.00	-35.65	-13	PASS
Band5	1.4	20407	1	#Max	16QAM	823.36	-46.16	-13	PASS
Band5	1.4	20407	1	#Max	16QAM	823.00	-36.54	-13	PASS
Band5	1.4	20407	6	#0	16QAM	824.00	-31.26	-13	PASS
Band5	1.4	20407	6	#0	16QAM	823.00	-26.97	-13	PASS
Band5	1.4	20643	1	#0	QPSK	849.65	-44.44	-13	PASS
Band5	1.4	20643	1	#0	QPSK	850.00	-35.36	-13	PASS
Band5	1.4	20643	1	#Max	QPSK	849.00	-19.15	-13	PASS
Band5	1.4	20643	1	#Max	QPSK	850.00	-30.92	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.00	-26.85	-13	PASS



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Band5	1.4	20643	6	#0	QPSK	850.00	-19.81	-13	PASS
Band5	1.4	20643	1	#0	16QAM	849.64	-45.46	-13	PASS
Band5	1.4	20643	1	#0	16QAM	850.00	-35.70	-13	PASS
Band5	1.4	20643	1	#Max	16QAM	849.00	-21.27	-13	PASS
Band5	1.4	20643	1	#Max	16QAM	850.00	-32.63	-13	PASS
Band5	1.4	20643	6	#0	16QAM	849.01	-28.64	-13	PASS
Band5	1.4	20643	6	#0	16QAM	850.00	-22.49	-13	PASS
Band5	3	20415	1	#0	QPSK	824.00	-19.19	-13	PASS
Band5	3	20415	1	#0	QPSK	823.00	-35.34	-13	PASS
Band5	3	20415	1	#Max	QPSK	823.91	-43.39	-13	PASS
Band5	3	20415	1	#Max	QPSK	823.00	-38.02	-13	PASS
Band5	3	20415	15	#0	QPSK	824.00	-30.87	-13	PASS
Band5	3	20415	15	#0	QPSK	823.00	-28.47	-13	PASS
Band5	3	20415	1	#0	16QAM	824.00	-19.86	-13	PASS
Band5	3	20415	1	#0	16QAM	823.00	-35.97	-13	PASS
Band5	3	20415	1	#Max	16QAM	823.91	-43.93	-13	PASS
Band5	3	20415	1	#Max	16QAM	823.00	-38.32	-13	PASS
Band5	3	20415	15	#0	16QAM	823.99	-31.41	-13	PASS
Band5	3	20415	15	#0	16QAM	823.00	-27.61	-13	PASS
Band5	3	20635	1	#0	QPSK	849.17	-35.82	-13	PASS
Band5	3	20635	1	#0	QPSK	850.00	-37.45	-13	PASS
Band5	3	20635	1	#Max	QPSK	849.00	-15.09	-13	PASS
Band5	3	20635	1	#Max	QPSK	850.00	-33.58	-13	PASS
Band5	3	20635	15	#0	QPSK	849.00	-28.17	-13	PASS
Band5	3	20635	15	#0	QPSK	850.00	-19.03	-13	PASS
Band5	3	20635	1	#0	16QAM	849.10	-43.08	-13	PASS
Band5	3	20635	1	#0	16QAM	850.00	-37.78	-13	PASS
Band5	3	20635	1	#Max	16QAM	849.00	-15.79	-13	PASS
Band5	3	20635	1	#Max	16QAM	850.00	-34.33	-13	PASS
Band5	3	20635	15	#0	16QAM	849.00	-30.28	-13	PASS
Band5	3	20635	15	#0	16QAM	850.00	-21.14	-13	PASS
Band5	5	20425	1	#0	QPSK	824.00	-17.09	-13	PASS
Band5	5	20425	1	#0	QPSK	823.00	-36.25	-13	PASS
Band5	5	20425	1	#Max	QPSK	821.42	-44.34	-13	PASS
Band5	5	20425	1	#Max	QPSK	823.00	-38.81	-13	PASS
Band5	5	20425	25	#0	QPSK	824.00	-31.42	-13	PASS
Band5	5	20425	25	#0	QPSK	823.00	-29.39	-13	PASS
Band5	5	20425	1	#0	16QAM	824.00	-17.91	-13	PASS
Band5	5	20425	1	#0	16QAM	823.00	-36.49	-13	PASS
Band5	5	20425	1	#Max	16QAM	821.41	-44.72	-13	PASS
Band5	5	20425	1	#Max	16QAM	823.00	-38.94	-13	PASS
Band5	5	20425	25	#0	16QAM	824.00	-31.22	-13	PASS
Band5	5	20425	25	#0	16QAM	823.00	-28.90	-13	PASS
Band5	5	20625	1	#0	QPSK	851.59	-45.30	-13	PASS



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Band5	5	20625	1	#0	QPSK	850.00	-38.55	-13	PASS
Band5	5	20625	1	#Max	QPSK	849.00	-15.87	-13	PASS
Band5	5	20625	1	#Max	QPSK	850.00	-35.21	-13	PASS
Band5	5	20625	25	#0	QPSK	849.00	-28.48	-13	PASS
Band5	5	20625	25	#0	QPSK	850.00	-21.88	-13	PASS
Band5	5	20625	1	#0	16QAM	851.60	-46.50	-13	PASS
Band5	5	20625	1	#0	16QAM	850.00	-38.63	-13	PASS
Band5	5	20625	1	#Max	16QAM	849.00	-17.17	-13	PASS
Band5	5	20625	1	#Max	16QAM	850.00	-35.87	-13	PASS
Band5	5	20625	25	#0	16QAM	849.00	-29.15	-13	PASS
Band5	5	20625	25	#0	16QAM	850.00	-24.03	-13	PASS
Band5	10	20450	1	#0	QPSK	824.00	-20.92	-13	PASS
Band5	10	20450	1	#0	QPSK	823.00	-35.76	-13	PASS
Band5	10	20450	1	#Max	QPSK	818.82	-41.76	-13	PASS
Band5	10	20450	1	#Max	QPSK	823.00	-40.68	-13	PASS
Band5	10	20450	50	#0	QPSK	824.00	-35.13	-13	PASS
Band5	10	20450	50	#0	QPSK	823.00	-31.52	-13	PASS
Band5	10	20450	1	#0	16QAM	824.00	-21.34	-13	PASS
Band5	10	20450	1	#0	16QAM	823.00	-37.91	-13	PASS
Band5	10	20450	1	#Max	16QAM	818.82	-42.56	-13	PASS
Band5	10	20450	1	#Max	16QAM	823.00	-40.72	-13	PASS
Band5	10	20450	50	#0	16QAM	824.00	-36.47	-13	PASS
Band5	10	20450	50	#0	16QAM	823.00	-31.62	-13	PASS
Band5	10	20600	1	#0	QPSK	849.16	-47.37	-13	PASS
Band5	10	20600	1	#0	QPSK	850.00	-40.14	-13	PASS
Band5	10	20600	1	#Max	QPSK	849.02	-19.16	-13	PASS
Band5	10	20600	1	#Max	QPSK	850.00	-36.58	-13	PASS
Band5	10	20600	50	#0	QPSK	849.00	-33.91	-13	PASS
Band5	10	20600	50	#0	QPSK	850.00	-28.46	-13	PASS
Band5	10	20600	1	#0	16QAM	850.62	-47.27	-13	PASS
Band5	10	20600	1	#0	16QAM	850.00	-39.92	-13	PASS
Band5	10	20600	1	#Max	16QAM	849.00	-19.43	-13	PASS
Band5	10	20600	1	#Max	16QAM	850.00	-36.58	-13	PASS
Band5	10	20600	50	#0	16QAM	849.00	-35.31	-13	PASS
Band5	10	20600	50	#0	16QAM	850.00	-29.24	-13	PASS
Band7	5	20775	1	#0	QPSK	2500.00	-21.64	-10	PASS
Band7	5	20775	1	#0	QPSK	2499.00	-39.20	-13	PASS
Band7	5	20775	1	#Max	QPSK	2493.92	-41.47	-25	PASS
Band7	5	20775	1	#Max	QPSK	2499.00	-40.55	-13	PASS
Band7	5	20775	25	#0	QPSK	2494.00	-40.09	-25	PASS
Band7	5	20775	25	#0	QPSK	2499.00	-30.49	-13	PASS
Band7	5	20775	1	#0	16QAM	2500.00	-22.33	-10	PASS
Band7	5	20775	1	#0	16QAM	2499.00	-39.44	-13	PASS
Band7	5	20775	1	#Max	16QAM	2493.75	-41.52	-25	PASS



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Band7	5	20775	1	#Max	16QAM	2499.00	-40.60	-13	PASS
Band7	5	20775	25	#0	16QAM	2493.98	-40.56	-25	PASS
Band7	5	20775	25	#0	16QAM	2499.00	-32.84	-13	PASS
Band7	5	21425	1	#0	QPSK	2594.49	-41.25	-25	PASS
Band7	5	21425	1	#0	QPSK	2571.00	-40.58	-13	PASS
Band7	5	21425	1	#Max	QPSK	2570.00	-21.94	-10	PASS
Band7	5	21425	1	#Max	QPSK	2571.00	-38.86	-13	PASS
Band7	5	21425	25	#0	QPSK	2576.02	-40.20	-25	PASS
Band7	5	21425	25	#0	QPSK	2571.00	-29.85	-13	PASS
Band7	5	21425	1	#0	16QAM	2594.18	-41.25	-25	PASS
Band7	5	21425	1	#0	16QAM	2571.00	-40.62	-13	PASS
Band7	5	21425	1	#Max	16QAM	2570.00	-21.41	-10	PASS
Band7	5	21425	1	#Max	16QAM	2571.00	-39.18	-13	PASS
Band7	5	21425	25	#0	16QAM	2576.08	-40.62	-25	PASS
Band7	5	21425	25	#0	16QAM	2571.00	-31.70	-13	PASS
Band7	10	20800	1	#0	QPSK	2500.00	-24.38	-10	PASS
Band7	10	20800	1	#0	QPSK	2499.00	-39.86	-13	PASS
Band7	10	20800	1	#Max	QPSK	2486.88	-41.68	-25	PASS
Band7	10	20800	1	#Max	QPSK	2499.00	-41.16	-13	PASS
Band7	10	20800	50	#0	QPSK	2489.96	-39.95	-25	PASS
Band7	10	20800	50	#0	QPSK	2499.00	-31.83	-13	PASS
Band7	10	20800	1	#0	16QAM	2499.99	-25.25	-10	PASS
Band7	10	20800	1	#0	16QAM	2499.00	-39.97	-13	PASS
Band7	10	20800	1	#Max	16QAM	2489.93	-41.69	-25	PASS
Band7	10	20800	1	#Max	16QAM	2499.00	-41.13	-13	PASS
Band7	10	20800	50	#0	16QAM	2490.00	-40.61	-25	PASS
Band7	10	20800	50	#0	16QAM	2499.00	-33.98	-13	PASS
Band7	10	21400	1	#0	QPSK	2594.06	-41.25	-25	PASS
Band7	10	21400	1	#0	QPSK	2571.00	-40.93	-13	PASS
Band7	10	21400	1	#Max	QPSK	2570.01	-24.11	-10	PASS
Band7	10	21400	1	#Max	QPSK	2571.00	-39.62	-13	PASS
Band7	10	21400	50	#0	QPSK	2580.02	-40.48	-25	PASS
Band7	10	21400	50	#0	QPSK	2571.00	-32.36	-13	PASS
Band7	10	21400	1	#0	16QAM	2591.96	-41.28	-25	PASS
Band7	10	21400	1	#0	16QAM	2571.00	-40.92	-13	PASS
Band7	10	21400	1	#Max	16QAM	2570.01	-24.79	-10	PASS
Band7	10	21400	1	#Max	16QAM	2571.00	-39.83	-13	PASS
Band7	10	21400	50	#0	16QAM	2580.03	-40.87	-25	PASS
Band7	10	21400	50	#0	16QAM	2571.00	-34.10	-13	PASS
Band7	15	20825	1	#0	QPSK	2500.00	-25.17	-10	PASS
Band7	15	20825	1	#0	QPSK	2499.00	-41.97	-13	PASS
Band7	15	20825	1	#Max	QPSK	2484.97	-41.62	-25	PASS
Band7	15	20825	1	#Max	QPSK	2499.00	-41.50	-13	PASS
Band7	15	20825	75	#0	QPSK	2485.00	-40.31	-25	PASS



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Band7	15	20825	75	#0	QPSK	2499.00	-33.09	-13	PASS
Band7	15	20825	1	#0	16QAM	2499.99	-26.14	-10	PASS
Band7	15	20825	1	#0	16QAM	2499.00	-40.07	-13	PASS
Band7	15	20825	1	#Max	16QAM	2484.62	-41.64	-25	PASS
Band7	15	20825	1	#Max	16QAM	2499.00	-41.53	-13	PASS
Band7	15	20825	75	#0	16QAM	2484.89	-40.90	-25	PASS
Band7	15	20825	75	#0	16QAM	2499.00	-35.63	-13	PASS
Band7	15	21375	1	#0	QPSK	2585.19	-41.27	-25	PASS
Band7	15	21375	1	#0	QPSK	2571.00	-41.28	-13	PASS
Band7	15	21375	1	#Max	QPSK	2570.00	-25.32	-10	PASS
Band7	15	21375	1	#Max	QPSK	2571.00	-39.73	-13	PASS
Band7	15	21375	75	#0	QPSK	2585.02	-40.78	-25	PASS
Band7	15	21375	75	#0	QPSK	2571.00	-33.93	-13	PASS
Band7	15	21375	1	#0	16QAM	2594.27	-41.30	-25	PASS
Band7	15	21375	1	#0	16QAM	2571.00	-41.32	-13	PASS
Band7	15	21375	1	#Max	16QAM	2592.97	-41.30	-25	PASS
Band7	15	21375	1	#Max	16QAM	2571.00	-39.93	-13	PASS
Band7	15	21375	75	#0	16QAM	2585.14	-41.12	-25	PASS
Band7	15	21375	75	#0	16QAM	2571.00	-35.88	-13	PASS
Band7	20	20850	1	#0	QPSK	2479.84	-41.78	-25	PASS
Band7	20	20850	1	#0	QPSK	2499.00	-40.12	-13	PASS
Band7	20	20850	1	#Max	QPSK	2479.91	-41.76	-25	PASS
Band7	20	20850	1	#Max	QPSK	2499.00	-41.56	-13	PASS
Band7	20	20850	100	#0	QPSK	2479.93	-41.12	-25	PASS
Band7	20	20850	100	#0	QPSK	2499.00	-34.61	-13	PASS
Band7	20	20850	1	#0	16QAM	2477.68	-41.78	-25	PASS
Band7	20	20850	1	#0	16QAM	2499.00	-40.14	-13	PASS
Band7	20	20850	1	#Max	16QAM	2479.60	-41.79	-25	PASS
Band7	20	20850	1	#Max	16QAM	2499.00	-41.58	-13	PASS
Band7	20	20850	100	#0	16QAM	2479.99	-41.40	-25	PASS
Band7	20	20850	100	#0	16QAM	2499.00	-36.31	-13	PASS
Band7	20	21350	1	#0	QPSK	2594.22	-41.29	-25	PASS
Band7	20	21350	1	#0	QPSK	2571.00	-41.26	-13	PASS
Band7	20	21350	1	#Max	QPSK	2594.53	-41.25	-25	PASS
Band7	20	21350	1	#Max	QPSK	2571.00	-39.92	-13	PASS
Band7	20	21350	100	#0	QPSK	2590.13	-41.07	-25	PASS
Band7	20	21350	100	#0	QPSK	2571.00	-36.34	-13	PASS
Band7	20	21350	1	#0	16QAM	2594.63	-41.28	-25	PASS
Band7	20	21350	1	#0	16QAM	2571.00	-41.26	-13	PASS
Band7	20	21350	1	#Max	16QAM	2591.01	-41.29	-25	PASS
Band7	20	21350	1	#Max	16QAM	2571.00	-40.13	-13	PASS
Band7	20	21350	100	#0	16QAM	2590.16	-41.21	-25	PASS
Band7	20	21350	100	#0	16QAM	2571.00	-37.18	-13	PASS
Band12	1.4	23017	1	#0	QPSK	699.00	-19.57	-13	PASS



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Band12	1.4	23017	1	#0	QPSK	698.00	-35.52	-13	PASS
Band12	1.4	23017	1	#Max	QPSK	698.90	-41.18	-13	PASS
Band12	1.4	23017	1	#Max	QPSK	698.00	-37.07	-13	PASS
Band12	1.4	23017	6	#0	QPSK	698.90	-25.35	-13	PASS
Band12	1.4	23017	6	#0	QPSK	698.00	-26.37	-13	PASS
Band12	1.4	23017	1	#0	16QAM	699.00	-20.20	-13	PASS
Band12	1.4	23017	1	#0	16QAM	698.00	-36.39	-13	PASS
Band12	1.4	23017	1	#Max	16QAM	698.89	-41.40	-13	PASS
Band12	1.4	23017	1	#Max	16QAM	698.00	-36.90	-13	PASS
Band12	1.4	23017	6	#0	16QAM	698.90	-26.14	-13	PASS
Band12	1.4	23017	6	#0	16QAM	698.00	-26.95	-13	PASS
Band12	1.4	23173	1	#0	QPSK	716.11	-41.84	-13	PASS
Band12	1.4	23173	1	#0	QPSK	717.00	-37.43	-13	PASS
Band12	1.4	23173	1	#Max	QPSK	716.00	-15.73	-13	PASS
Band12	1.4	23173	1	#Max	QPSK	717.00	-28.64	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.11	-18.73	-13	PASS
Band12	1.4	23173	6	#0	QPSK	717.00	-18.12	-13	PASS
Band12	1.4	23173	1	#0	16QAM	716.11	-41.74	-13	PASS
Band12	1.4	23173	1	#0	16QAM	717.00	-37.62	-13	PASS
Band12	1.4	23173	1	#Max	16QAM	716.00	-17.15	-13	PASS
Band12	1.4	23173	1	#Max	16QAM	717.00	-30.82	-13	PASS
Band12	1.4	23173	6	#0	16QAM	716.11	-22.24	-13	PASS
Band12	1.4	23173	6	#0	16QAM	717.00	-21.88	-13	PASS
Band12	3	23025	1	#0	QPSK	699.00	-19.31	-13	PASS
Band12	3	23025	1	#0	QPSK	698.00	-36.12	-13	PASS
Band12	3	23025	1	#Max	QPSK	698.90	-39.57	-13	PASS
Band12	3	23025	1	#Max	QPSK	698.00	-38.63	-13	PASS
Band12	3	23025	15	#0	QPSK	698.90	-27.88	-13	PASS
Band12	3	23025	15	#0	QPSK	698.00	-22.76	-13	PASS
Band12	3	23025	1	#0	16QAM	699.00	-20.22	-13	PASS
Band12	3	23025	1	#0	16QAM	698.00	-37.33	-13	PASS
Band12	3	23025	1	#Max	16QAM	698.88	-40.15	-13	PASS
Band12	3	23025	1	#Max	16QAM	698.00	-39.06	-13	PASS
Band12	3	23025	15	#0	16QAM	698.85	-29.41	-13	PASS
Band12	3	23025	15	#0	16QAM	698.00	-23.10	-13	PASS
Band12	3	23165	1	#0	QPSK	716.12	-39.87	-13	PASS
Band12	3	23165	1	#0	QPSK	717.00	-38.70	-13	PASS
Band12	3	23165	1	#Max	QPSK	716.00	-13.39	-13	PASS
Band12	3	23165	1	#Max	QPSK	717.00	-28.69	-13	PASS
Band12	3	23165	15	#0	QPSK	716.13	-24.72	-13	PASS
Band12	3	23165	15	#0	QPSK	717.00	-17.88	-13	PASS
Band12	3	23165	1	#0	16QAM	716.17	-36.14	-13	PASS
Band12	3	23165	1	#0	16QAM	717.00	-38.98	-13	PASS
Band12	3	23165	1	#Max	16QAM	716.00	-14.31	-13	PASS



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Band12	3	23165	1	#Max	16QAM	717.00	-31.20	-13	PASS
Band12	3	23165	15	#0	16QAM	716.11	-26.63	-13	PASS
Band12	3	23165	15	#0	16QAM	717.00	-20.39	-13	PASS
Band12	5	23035	1	#0	QPSK	699.00	-20.65	-13	PASS
Band12	5	23035	1	#0	QPSK	698.00	-36.53	-13	PASS
Band12	5	23035	1	#Max	QPSK	696.40	-44.22	-13	PASS
Band12	5	23035	1	#Max	QPSK	698.00	-39.49	-13	PASS
Band12	5	23035	25	#0	QPSK	698.90	-28.96	-13	PASS
Band12	5	23035	25	#0	QPSK	698.00	-22.65	-13	PASS
Band12	5	23035	1	#0	16QAM	699.00	-21.07	-13	PASS
Band12	5	23035	1	#0	16QAM	698.00	-37.40	-13	PASS
Band12	5	23035	1	#Max	16QAM	698.55	-44.12	-13	PASS
Band12	5	23035	1	#Max	16QAM	698.00	-39.38	-13	PASS
Band12	5	23035	25	#0	16QAM	698.90	-30.95	-13	PASS
Band12	5	23035	25	#0	16QAM	698.00	-23.71	-13	PASS
Band12	5	23155	1	#0	QPSK	718.59	-45.55	-13	PASS
Band12	5	23155	1	#0	QPSK	717.00	-39.99	-13	PASS
Band12	5	23155	1	#Max	QPSK	716.01	-19.06	-13	PASS
Band12	5	23155	1	#Max	QPSK	717.00	-35.56	-13	PASS
Band12	5	23155	25	#0	QPSK	716.11	-27.45	-13	PASS
Band12	5	23155	25	#0	QPSK	717.00	-19.80	-13	PASS
Band12	5	23155	1	#0	16QAM	716.13	-43.32	-13	PASS
Band12	5	23155	1	#0	16QAM	717.00	-39.91	-13	PASS
Band12	5	23155	1	#Max	16QAM	716.00	-19.55	-13	PASS
Band12	5	23155	1	#Max	16QAM	717.00	-36.58	-13	PASS
Band12	5	23155	25	#0	16QAM	716.15	-29.60	-13	PASS
Band12	5	23155	25	#0	16QAM	717.00	-22.06	-13	PASS
Band12	10	23060	1	#0	QPSK	698.90	-25.37	-13	PASS
Band12	10	23060	1	#0	QPSK	698.00	-38.23	-13	PASS
Band12	10	23060	1	#Max	QPSK	693.83	-45.79	-13	PASS
Band12	10	23060	1	#Max	QPSK	698.00	-40.21	-13	PASS
Band12	10	23060	50	#0	QPSK	698.88	-31.45	-13	PASS
Band12	10	23060	50	#0	QPSK	698.00	-23.44	-13	PASS
Band12	10	23060	1	#0	16QAM	698.89	-25.90	-13	PASS
Band12	10	23060	1	#0	16QAM	698.00	-38.34	-13	PASS
Band12	10	23060	1	#Max	16QAM	693.83	-46.56	-13	PASS
Band12	10	23060	1	#Max	16QAM	698.00	-40.34	-13	PASS
Band12	10	23060	50	#0	16QAM	698.90	-33.40	-13	PASS
Band12	10	23060	50	#0	16QAM	698.00	-24.96	-13	PASS
Band12	10	23130	1	#0	QPSK	721.17	-46.36	-13	PASS
Band12	10	23130	1	#0	QPSK	717.00	-41.49	-13	PASS
Band12	10	23130	1	#Max	QPSK	716.11	-24.71	-13	PASS
Band12	10	23130	1	#Max	QPSK	717.00	-36.76	-13	PASS
Band12	10	23130	50	#0	QPSK	716.11	-31.75	-13	PASS



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Band12	10	23130	50	#0	QPSK	717.00	-23.74	-13	PASS
Band12	10	23130	1	#0	16QAM	721.17	-46.71	-13	PASS
Band12	10	23130	1	#0	16QAM	717.00	-41.44	-13	PASS
Band12	10	23130	1	#Max	16QAM	716.11	-24.75	-13	PASS
Band12	10	23130	1	#Max	16QAM	717.00	-36.95	-13	PASS
Band12	10	23130	50	#0	16QAM	716.11	-34.06	-13	PASS
Band12	10	23130	50	#0	16QAM	717.00	-26.23	-13	PASS
Band13	5	23205	1	#0	QPSK	777.00	-20.97	-13	PASS
Band13	5	23205	1	#0	QPSK	776.00	-36.82	-13	PASS
Band13	5	23205	1	#Max	QPSK	774.42	-53.33	-35	PASS
Band13	5	23205	1	#Max	QPSK	776.00	-39.51	-13	PASS
Band13	5	23205	25	#0	QPSK	773.96	-53.33	-35	PASS
Band13	5	23205	25	#0	QPSK	776.00	-29.32	-13	PASS
Band13	5	23205	1	#0	16QAM	777.00	-21.24	-13	PASS
Band13	5	23205	1	#0	16QAM	776.00	-37.21	-13	PASS
Band13	5	23205	1	#Max	16QAM	774.41	-54.74	-35	PASS
Band13	5	23205	1	#Max	16QAM	776.00	-39.66	-13	PASS
Band13	5	23205	25	#0	16QAM	774.38	-52.47	-35	PASS
Band13	5	23205	25	#0	16QAM	776.00	-29.21	-13	PASS
Band13	5	23255	1	#0	QPSK	789.60	-43.29	-13	PASS
Band13	5	23255	1	#0	QPSK	788.00	-38.62	-13	PASS
Band13	5	23255	1	#Max	QPSK	787.00	-19.98	-13	PASS
Band13	5	23255	1	#Max	QPSK	788.00	-35.82	-13	PASS
Band13	5	23255	25	#0	QPSK	787.00	-32.84	-13	PASS
Band13	5	23255	25	#0	QPSK	788.00	-27.85	-13	PASS
Band13	5	23255	1	#0	16QAM	793.23	-65.64	-35	PASS
Band13	5	23255	1	#0	16QAM	788.00	-38.29	-13	PASS
Band13	5	23255	1	#Max	16QAM	787.00	-19.65	-13	PASS
Band13	5	23255	1	#Max	16QAM	788.00	-35.83	-13	PASS
Band13	5	23255	25	#0	16QAM	787.00	-33.09	-13	PASS
Band13	5	23255	25	#0	16QAM	788.00	-26.80	-13	PASS
Band13	10	23230	1	#0	QPSK	776.89	-25.85	-13	PASS
Band13	10	23230	1	#0	QPSK	776.00	-38.21	-13	PASS
Band13	10	23230	1	#Max	QPSK	787.11	-24.55	-13	PASS
Band13	10	23230	1	#Max	QPSK	776.00	-40.62	-13	PASS
Band13	10	23230	50	#0	QPSK	774.88	-55.27	-35	PASS
Band13	10	23230	50	#0	QPSK	776.00	-33.50	-13	PASS
Band13	10	23230	1	#0	16QAM	776.89	-26.89	-13	PASS
Band13	10	23230	1	#0	16QAM	776.00	-38.75	-13	PASS
Band13	10	23230	1	#Max	16QAM	787.11	-24.19	-13	PASS
Band13	10	23230	1	#Max	16QAM	776.00	-40.69	-13	PASS
Band13	10	23230	50	#0	16QAM	774.88	-55.07	-35	PASS
Band13	10	23230	50	#0	16QAM	776.00	-32.88	-13	PASS
Band17	5	23755	1	#0	QPSK	704.00	-16.44	-13	PASS



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Band17	5	23755	1	#0	QPSK	703.00	-36.45	-13	PASS
Band17	5	23755	1	#Max	QPSK	701.41	-43.45	-13	PASS
Band17	5	23755	1	#Max	QPSK	703.00	-37.26	-13	PASS
Band17	5	23755	25	#0	QPSK	703.99	-27.55	-13	PASS
Band17	5	23755	25	#0	QPSK	703.00	-19.85	-13	PASS
Band17	5	23755	1	#0	16QAM	704.00	-18.25	-13	PASS
Band17	5	23755	1	#0	16QAM	703.00	-36.87	-13	PASS
Band17	5	23755	1	#Max	16QAM	701.41	-44.16	-13	PASS
Band17	5	23755	1	#Max	16QAM	703.00	-37.58	-13	PASS
Band17	5	23755	25	#0	16QAM	704.00	-28.69	-13	PASS
Band17	5	23755	25	#0	16QAM	703.00	-21.51	-13	PASS
Band17	5	23825	1	#0	QPSK	716.64	-45.16	-13	PASS
Band17	5	23825	1	#0	QPSK	717.00	-39.85	-13	PASS
Band17	5	23825	1	#Max	QPSK	716.00	-15.93	-13	PASS
Band17	5	23825	1	#Max	QPSK	717.00	-34.37	-13	PASS
Band17	5	23825	25	#0	QPSK	716.00	-28.28	-13	PASS
Band17	5	23825	25	#0	QPSK	717.00	-19.93	-13	PASS
Band17	5	23825	1	#0	16QAM	716.00	-47.93	-13	PASS
Band17	5	23825	1	#0	16QAM	717.00	-39.89	-13	PASS
Band17	5	23825	1	#Max	16QAM	716.00	-17.11	-13	PASS
Band17	5	23825	1	#Max	16QAM	717.00	-36.10	-13	PASS
Band17	5	23825	25	#0	16QAM	716.00	-29.24	-13	PASS
Band17	5	23825	25	#0	16QAM	717.00	-22.34	-13	PASS
Band17	10	23780	1	#0	QPSK	704.00	-21.20	-13	PASS
Band17	10	23780	1	#0	QPSK	703.00	-37.60	-13	PASS
Band17	10	23780	1	#Max	QPSK	698.80	-41.81	-13	PASS
Band17	10	23780	1	#Max	QPSK	703.00	-38.96	-13	PASS
Band17	10	23780	50	#0	QPSK	704.00	-30.18	-13	PASS
Band17	10	23780	50	#0	QPSK	703.00	-23.68	-13	PASS
Band17	10	23780	1	#0	16QAM	703.98	-21.97	-13	PASS
Band17	10	23780	1	#0	16QAM	703.00	-37.16	-13	PASS
Band17	10	23780	1	#Max	16QAM	698.82	-42.45	-13	PASS
Band17	10	23780	1	#Max	16QAM	703.00	-38.92	-13	PASS
Band17	10	23780	50	#0	16QAM	704.00	-32.13	-13	PASS
Band17	10	23780	50	#0	16QAM	703.00	-24.83	-13	PASS
Band17	10	23800	1	#0	QPSK	721.16	-46.65	-13	PASS
Band17	10	23800	1	#0	QPSK	717.00	-41.68	-13	PASS
Band17	10	23800	1	#Max	QPSK	716.00	-20.29	-13	PASS
Band17	10	23800	1	#Max	QPSK	717.00	-36.68	-13	PASS
Band17	10	23800	50	#0	QPSK	716.00	-31.04	-13	PASS
Band17	10	23800	50	#0	QPSK	717.00	-23.74	-13	PASS
Band17	10	23800	1	#0	16QAM	721.16	-47.25	-13	PASS
Band17	10	23800	1	#0	16QAM	717.00	-41.36	-13	PASS
Band17	10	23800	1	#Max	16QAM	716.00	-21.10	-13	PASS



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Band17	10	23800	1	#Max	16QAM	717.00	-37.91	-13	PASS
Band17	10	23800	50	#0	16QAM	716.00	-32.73	-13	PASS
Band17	10	23800	50	#0	16QAM	717.00	-25.87	-13	PASS
Band25	1.4	26047	1	#0	QPSK	1850.00	-20.90	-13	PASS
Band25	1.4	26047	1	#0	QPSK	1849.00	-32.33	-13	PASS
Band25	1.4	26047	1	#Max	QPSK	1849.36	-45.26	-13	PASS
Band25	1.4	26047	1	#Max	QPSK	1849.00	-35.03	-13	PASS
Band25	1.4	26047	6	#0	QPSK	1849.99	-29.32	-13	PASS
Band25	1.4	26047	6	#0	QPSK	1849.00	-21.95	-13	PASS
Band25	1.4	26047	1	#0	16QAM	1850.00	-22.54	-13	PASS
Band25	1.4	26047	1	#0	16QAM	1849.00	-33.59	-13	PASS
Band25	1.4	26047	1	#Max	16QAM	1849.35	-45.92	-13	PASS
Band25	1.4	26047	1	#Max	16QAM	1849.00	-35.40	-13	PASS
Band25	1.4	26047	6	#0	16QAM	1850.00	-29.62	-13	PASS
Band25	1.4	26047	6	#0	16QAM	1849.00	-23.14	-13	PASS
Band25	1.4	26683	1	#0	QPSK	1915.64	-47.12	-13	PASS
Band25	1.4	26683	1	#0	QPSK	1916.00	-36.50	-13	PASS
Band25	1.4	26683	1	#Max	QPSK	1915.00	-19.88	-13	PASS
Band25	1.4	26683	1	#Max	QPSK	1916.00	-30.90	-13	PASS
Band25	1.4	26683	6	#0	QPSK	1915.02	-26.58	-13	PASS
Band25	1.4	26683	6	#0	QPSK	1916.00	-19.41	-13	PASS
Band25	1.4	26683	1	#0	16QAM	1915.01	-48.00	-13	PASS
Band25	1.4	26683	1	#0	16QAM	1916.00	-37.09	-13	PASS
Band25	1.4	26683	1	#Max	16QAM	1915.00	-22.31	-13	PASS
Band25	1.4	26683	1	#Max	16QAM	1916.00	-32.43	-13	PASS
Band25	1.4	26683	6	#0	16QAM	1915.01	-28.90	-13	PASS
Band25	1.4	26683	6	#0	16QAM	1916.00	-22.42	-13	PASS
Band25	3	26055	1	#0	QPSK	1850.00	-17.63	-13	PASS
Band25	3	26055	1	#0	QPSK	1849.00	-32.52	-13	PASS
Band25	3	26055	1	#Max	QPSK	1849.91	-42.89	-13	PASS
Band25	3	26055	1	#Max	QPSK	1849.00	-37.64	-13	PASS
Band25	3	26055	15	#0	QPSK	1850.00	-29.47	-13	PASS
Band25	3	26055	15	#0	QPSK	1849.00	-22.84	-13	PASS
Band25	3	26055	1	#0	16QAM	1850.00	-18.23	-13	PASS
Band25	3	26055	1	#0	16QAM	1849.00	-33.12	-13	PASS
Band25	3	26055	1	#Max	16QAM	1849.91	-43.43	-13	PASS
Band25	3	26055	1	#Max	16QAM	1849.00	-37.90	-13	PASS
Band25	3	26055	15	#0	16QAM	1850.00	-30.11	-13	PASS
Band25	3	26055	15	#0	16QAM	1849.00	-21.95	-13	PASS
Band25	3	26675	1	#0	QPSK	1915.09	-44.37	-13	PASS
Band25	3	26675	1	#0	QPSK	1916.00	-39.20	-13	PASS
Band25	3	26675	1	#Max	QPSK	1915.00	-15.44	-13	PASS
Band25	3	26675	1	#Max	QPSK	1916.00	-31.13	-13	PASS
Band25	3	26675	15	#0	QPSK	1915.00	-27.36	-13	PASS



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Band25	3	26675	15	#0	QPSK	1916.00	-18.30	-13	PASS
Band25	3	26675	1	#0	16QAM	1915.10	-44.47	-13	PASS
Band25	3	26675	1	#0	16QAM	1916.00	-39.34	-13	PASS
Band25	3	26675	1	#Max	16QAM	1915.00	-17.56	-13	PASS
Band25	3	26675	1	#Max	16QAM	1916.00	-32.55	-13	PASS
Band25	3	26675	15	#0	16QAM	1915.00	-29.40	-13	PASS
Band25	3	26675	15	#0	16QAM	1916.00	-20.46	-13	PASS
Band25	5	26065	1	#0	QPSK	1850.00	-17.48	-13	PASS
Band25	5	26065	1	#0	QPSK	1849.00	-33.59	-13	PASS
Band25	5	26065	1	#Max	QPSK	1847.41	-43.92	-13	PASS
Band25	5	26065	1	#Max	QPSK	1849.00	-38.33	-13	PASS
Band25	5	26065	25	#0	QPSK	1850.00	-29.53	-13	PASS
Band25	5	26065	25	#0	QPSK	1849.00	-24.16	-13	PASS
Band25	5	26065	1	#0	16QAM	1850.00	-17.95	-13	PASS
Band25	5	26065	1	#0	16QAM	1849.00	-34.49	-13	PASS
Band25	5	26065	1	#Max	16QAM	1847.41	-44.59	-13	PASS
Band25	5	26065	1	#Max	16QAM	1849.00	-38.50	-13	PASS
Band25	5	26065	25	#0	16QAM	1849.99	-30.38	-13	PASS
Band25	5	26065	25	#0	16QAM	1849.00	-23.48	-13	PASS
Band25	5	26665	1	#0	QPSK	1917.58	-46.20	-13	PASS
Band25	5	26665	1	#0	QPSK	1916.00	-38.64	-13	PASS
Band25	5	26665	1	#Max	QPSK	1915.00	-17.05	-13	PASS
Band25	5	26665	1	#Max	QPSK	1916.00	-34.65	-13	PASS
Band25	5	26665	25	#0	QPSK	1915.00	-28.21	-13	PASS
Band25	5	26665	25	#0	QPSK	1916.00	-19.93	-13	PASS
Band25	5	26665	1	#0	16QAM	1917.60	-46.82	-13	PASS
Band25	5	26665	1	#0	16QAM	1916.00	-38.68	-13	PASS
Band25	5	26665	1	#Max	16QAM	1915.00	-17.37	-13	PASS
Band25	5	26665	1	#Max	16QAM	1916.00	-35.27	-13	PASS
Band25	5	26665	25	#0	16QAM	1915.00	-29.62	-13	PASS
Band25	5	26665	25	#0	16QAM	1916.00	-21.91	-13	PASS
Band25	10	26090	1	#0	QPSK	1850.00	-19.94	-13	PASS
Band25	10	26090	1	#0	QPSK	1849.00	-35.58	-13	PASS
Band25	10	26090	1	#Max	QPSK	1844.82	-43.14	-13	PASS
Band25	10	26090	1	#Max	QPSK	1849.00	-40.54	-13	PASS
Band25	10	26090	50	#0	QPSK	1850.00	-33.80	-13	PASS
Band25	10	26090	50	#0	QPSK	1849.00	-27.55	-13	PASS
Band25	10	26090	1	#0	16QAM	1850.00	-21.28	-13	PASS
Band25	10	26090	1	#0	16QAM	1849.00	-35.79	-13	PASS
Band25	10	26090	1	#Max	16QAM	1844.82	-43.73	-13	PASS
Band25	10	26090	1	#Max	16QAM	1849.00	-40.57	-13	PASS
Band25	10	26090	50	#0	16QAM	1850.00	-33.86	-13	PASS
Band25	10	26090	50	#0	16QAM	1849.00	-27.70	-13	PASS
Band25	10	26640	1	#0	QPSK	1915.30	-44.26	-13	PASS



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Band25	10	26640	1	#0	QPSK	1916.00	-39.55	-13	PASS
Band25	10	26640	1	#Max	QPSK	1915.00	-19.81	-13	PASS
Band25	10	26640	1	#Max	QPSK	1916.00	-36.50	-13	PASS
Band25	10	26640	50	#0	QPSK	1915.00	-28.91	-13	PASS
Band25	10	26640	50	#0	QPSK	1916.00	-22.12	-13	PASS
Band25	10	26640	1	#0	16QAM	1915.00	-47.09	-13	PASS
Band25	10	26640	1	#0	16QAM	1916.00	-39.47	-13	PASS
Band25	10	26640	1	#Max	16QAM	1915.00	-19.93	-13	PASS
Band25	10	26640	1	#Max	16QAM	1916.00	-35.91	-13	PASS
Band25	10	26640	50	#0	16QAM	1915.00	-30.49	-13	PASS
Band25	10	26640	50	#0	16QAM	1916.00	-23.80	-13	PASS
Band25	15	26115	1	#0	QPSK	1850.00	-20.94	-13	PASS
Band25	15	26115	1	#0	QPSK	1849.00	-35.91	-13	PASS
Band25	15	26115	1	#Max	QPSK	1847.33	-43.26	-13	PASS
Band25	15	26115	1	#Max	QPSK	1849.00	-41.62	-13	PASS
Band25	15	26115	75	#0	QPSK	1849.85	-34.48	-13	PASS
Band25	15	26115	75	#0	QPSK	1849.00	-27.87	-13	PASS
Band25	15	26115	1	#0	16QAM	1850.00	-22.22	-13	PASS
Band25	15	26115	1	#0	16QAM	1849.00	-36.34	-13	PASS
Band25	15	26115	1	#Max	16QAM	1847.33	-44.09	-13	PASS
Band25	15	26115	1	#Max	16QAM	1849.00	-41.71	-13	PASS
Band25	15	26115	75	#0	16QAM	1849.97	-35.37	-13	PASS
Band25	15	26115	75	#0	16QAM	1849.00	-29.13	-13	PASS
Band25	15	26615	1	#0	QPSK	1917.67	-44.48	-13	PASS
Band25	15	26615	1	#0	QPSK	1916.00	-41.51	-13	PASS
Band25	15	26615	1	#Max	QPSK	1915.00	-22.13	-13	PASS
Band25	15	26615	1	#Max	QPSK	1916.00	-36.39	-13	PASS
Band25	15	26615	75	#0	QPSK	1915.36	-30.17	-13	PASS
Band25	15	26615	75	#0	QPSK	1916.00	-23.88	-13	PASS
Band25	15	26615	1	#0	16QAM	1917.67	-45.11	-13	PASS
Band25	15	26615	1	#0	16QAM	1916.00	-41.55	-13	PASS
Band25	15	26615	1	#Max	16QAM	1915.00	-22.78	-13	PASS
Band25	15	26615	1	#Max	16QAM	1916.00	-36.51	-13	PASS
Band25	15	26615	75	#0	16QAM	1915.30	-32.30	-13	PASS
Band25	15	26615	75	#0	16QAM	1916.00	-25.88	-13	PASS
Band25	20	26140	1	#0	QPSK	1850.00	-25.02	-13	PASS
Band25	20	26140	1	#0	QPSK	1849.00	-36.77	-13	PASS
Band25	20	26140	1	#Max	QPSK	1839.68	-39.54	-13	PASS
Band25	20	26140	1	#Max	QPSK	1849.00	-41.33	-13	PASS
Band25	20	26140	100	#0	QPSK	1850.00	-35.72	-13	PASS
Band25	20	26140	100	#0	QPSK	1849.00	-30.19	-13	PASS
Band25	20	26140	1	#0	16QAM	1850.00	-24.11	-13	PASS
Band25	20	26140	1	#0	16QAM	1849.00	-36.86	-13	PASS
Band25	20	26140	1	#Max	16QAM	1839.68	-40.51	-13	PASS