

Report

Band28	20	27560	1	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3591.07	-58.63	-30	PASS
Band28	20	27560	1	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3660.00	-58.94	-30	PASS
Band28	20	27560	1	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4888.40	-59.72	-30	PASS
Band28	20	27560	1	#Max	QAM16	9 kHz-150 kHz	1 kHz	0.03	-49.88	-36	PASS
Band28	20	27560	1	#Max	QAM16	150 kHz-30 MHz	10 kHz	0.16	-64.68	-36	PASS
Band28	20	27560	1	#Max	QAM16	30 MHz-703.00 MHz	100 kHz	463.88	-64.82	-36	PASS
Band28	20	27560	1	#Max	QAM16	773.00 MHz-1000 MHz	100 kHz	909.43	-66.24	-30	PASS
Band28	20	27560	1	#Max	QAM16	1000 MHz-1500 MHz	1 MHz	1493.75	-36.55	-30	PASS
Band28	20	27560	1	#Max	QAM16	1500 MHz-12.75 GHz	1 MHz	2240.63	-55.21	-30	PASS
Band28	20	27560	1	#Max	QAM16	470 MHz-710 MHz	6 MHz	707.36	-52.76	-26.2	PASS
Band28	20	27560	1	#Max	QAM16	770 MHz-773 MHz	100 kHz	771.59	-73.34	-36	PASS
Band28	20	27560	1	#Max	QAM16	773 MHz-803 MHz	1 MHz	777.08	-63.94	-50	PASS
Band28	20	27560	1	#Max	QAM16	860 MHz-890 MHz	1 MHz	889.13	-63.72	-50	PASS
Band28	20	27560	1	#Max	QAM16	945 MHz-960 MHz	1 MHz	946.02	-63.00	-50	PASS
Band28	20	27560	1	#Max	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1494.01	-56.23	-30	PASS
Band28	20	27560	1	#Max	QAM16	1496.6	1	1502.69	-62.12	-50	PASS

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						MHz-1510.9 MHz	MHz				
Band28	20	27560	1	#Max	QAM16	1805 MHz-1845 MHz	1 MHz	1838.72	-61.71	-30	PASS
Band28	20	27560	1	#Max	QAM16	1845 MHz-1880 MHz	1 MHz	1874.51	-61.53	-50	PASS
Band28	20	27560	1	#Max	QAM16	1906.6 MHz-1910 MHz	1 MHz	1908.07	-61.33	-30	PASS
Band28	20	27560	1	#Max	QAM16	1910 MHz-1915.7 MHz	1 MHz	1914.10	-61.25	-30	PASS
Band28	20	27560	1	#Max	QAM16	2010 MHz-2025 MHz	1 MHz	2012.66	-60.81	-50	PASS
Band28	20	27560	1	#Max	QAM16	2110 MHz-2144.4 MHz	1 MHz	2117.71	-60.54	-50	PASS
Band28	20	27560	1	#Max	QAM16	2144.4 MHz-2170 MHz	1 MHz	2158.66	-60.68	-30	PASS
Band28	20	27560	1	#Max	QAM16	2330 MHz-2370 MHz	1 MHz	2361.60	-60.09	-30	PASS
Band28	20	27560	1	#Max	QAM16	3400 MHz-3419.3 MHz	1 MHz	3403.96	-58.81	-30	PASS
Band28	20	27560	1	#Max	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3419.38	-59.07	-30	PASS
Band28	20	27560	1	#Max	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3573.07	-58.81	-30	PASS
Band28	20	27560	1	#Max	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3583.98	-58.63	-30	PASS
Band28	20	27560	1	#Max	QAM16	3590.3 MHz-3600 MHz	1 MHz	3597.59	-58.56	-30	PASS
Band28	20	27560	1	#Max	QAM16	3600 MHz-4100 MHz	1 MHz	3673.00	-58.92	-30	PASS

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Band28	20	27560	1	#Max	QAM16	4500 MHz-4900 MHz	1 MHz	4899.20	-59.59	-30	PASS
Band28	20	27560	100	#0	QAM16	9 kHz-150 kHz	1 kHz	0.03	-51.85	-36	PASS
Band28	20	27560	100	#0	QAM16	150 kHz-30 MHz	10 kHz	0.16	-65.34	-36	PASS
Band28	20	27560	100	#0	QAM16	30 MHz-703.00 MHz	100 kHz	703.00	-56.19	-36	PASS
Band28	20	27560	100	#0	QAM16	773.00 MHz-1000 MHz	100 kHz	903.30	-66.44	-30	PASS
Band28	20	27560	100	#0	QAM16	1000 MHz-1500 MHz	1 MHz	1473.00	-51.93	-30	PASS
Band28	20	27560	100	#0	QAM16	1500 MHz-12.75 GHz	1 MHz	12528.7 5	-56.94	-30	PASS
Band28	20	27560	100	#0	QAM16	470 MHz-710 MHz	6 MHz	709.04	-36.31	-26.2	PASS
Band28	20	27560	100	#0	QAM16	770 MHz-773 MHz	100 kHz	772.12	-74.73	-36	PASS
Band28	20	27560	100	#0	QAM16	773 MHz-803 MHz	1 MHz	774.80	-65.39	-50	PASS
Band28	20	27560	100	#0	QAM16	860 MHz-890 MHz	1 MHz	888.56	-65.05	-50	PASS
Band28	20	27560	100	#0	QAM16	945 MHz-960 MHz	1 MHz	945.32	-64.93	-50	PASS
Band28	20	27560	100	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1476.27	-59.05	-30	PASS
Band28	20	27560	100	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1505.02	-62.12	-50	PASS
Band28	20	27560	100	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1839.36	-61.66	-30	PASS
Band28	20	27560	100	#0	QAM16	1845	1	1879.30	-61.55	-50	PASS

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						MHz-1880 MHz	MHz				
Band28	20	27560	100	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1906.80	-61.29	-30	PASS
Band28	20	27560	100	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1913.01	-61.29	-30	PASS
Band28	20	27560	100	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2019.99	-60.88	-50	PASS
Band28	20	27560	100	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2113.61	-60.54	-50	PASS
Band28	20	27560	100	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2146.17	-60.64	-30	PASS
Band28	20	27560	100	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2364.24	-60.11	-30	PASS
Band28	20	27560	100	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3400.04	-58.82	-30	PASS
Band28	20	27560	100	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3425.65	-59.14	-30	PASS
Band28	20	27560	100	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3572.41	-58.84	-30	PASS
Band28	20	27560	100	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3584.67	-58.69	-30	PASS
Band28	20	27560	100	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3599.70	-58.60	-30	PASS
Band28	20	27560	100	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3668.50	-58.93	-30	PASS
Band28	20	27560	100	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4872.00	-59.74	-30	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.69	-36	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	150 kHz-30	10	0.16	-65.13	-36	PASS

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)						MHz	kHz				
Band3(1710-1750)	5	19225	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	809.78	-71.97	-36	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	1000 MHz-1700.0 0 MHz	1 MHz	1700.00	-51.06	-30	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	1725.00 MHz-3000 MHz	1 MHz	1727.13	-50.36	-30	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	3420.88	-52.52	-30	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	470 MHz-710 MHz	100 kHz	703.76	-74.15	-36	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	770 MHz-773 MHz	100 kHz	771.94	-73.76	-36	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	773 MHz-803 MHz	1 MHz	795.50	-64.40	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	860 MHz-890 MHz	1 MHz	883.52	-64.39	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	945 MHz-960 MHz	1 MHz	948.74	-64.48	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1484.61	-63.10	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1496.96	-63.23	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1808.08	-62.24	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1869.43	-62.59	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1907.43	-62.12	-30	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	1910	1	1913.15	-62.04	-30	PASS

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)						MHz-1915.7 MHz	MHz				
Band3(1710-1750)	5	19225	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2019.21	-61.88	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2119.46	-61.81	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2150.42	-62.08	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2368.12	-61.99	-30	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3402.35	-57.95	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3420.68	-51.88	-30	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3573.15	-57.94	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3576.26	-57.84	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3597.96	-57.67	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3671.50	-58.06	-30	PASS
Band3(1710-1750)	5	19225	1	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4883.60	-58.90	-30	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.91	-36	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.45	-36	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	873.32	-71.90	-36	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	1000 MHz-1700.0 MHz	1 MHz	1697.20	-51.28	-30	PASS

						0 MHz					
Band3(1710-1750)	5	19225	1	#Max	QPSK	1725.00 MHz-3000 MHz	1 MHz	1726.06	-50.92	-30	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	3000 MHz-12.75 GHz	1 MHz	3429.00	-53.73	-30	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	470 MHz-710 MHz	100 kHz	479.60	-73.98	-36	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	770 MHz-773 MHz	100 kHz	772.89	-73.49	-36	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	773 MHz-803 MHz	1 MHz	774.38	-64.40	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	860 MHz-890 MHz	1 MHz	868.25	-64.42	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	945 MHz-960 MHz	1 MHz	956.79	-64.47	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1482.61	-63.21	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1503.44	-63.20	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	1805 MHz-1845 MHz	1 MHz	1808.68	-62.22	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	1845 MHz-1880 MHz	1 MHz	1877.52	-62.64	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	1906.6 MHz-1910 MHz	1 MHz	1909.08	-62.06	-30	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	1910 MHz-1915.7 MHz	1 MHz	1915.39	-61.99	-30	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2024.91	-61.94	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	2110	1	2112.06	-61.92	-50	PASS

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)						MHz-2144.4 MHz	MHz				
Band3(1710-1750)	5	19225	1	#Max	QPSK	2144.4 MHz-2170 MHz	1 MHz	2146.22	-62.11	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	2330 MHz-2370 MHz	1 MHz	2369.64	-62.00	-30	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	3400 MHz-3419.3 MHz	1 MHz	3402.14	-57.91	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3429.39	-52.78	-30	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3572.92	-57.96	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3588.55	-57.77	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	3590.3 MHz-3600 MHz	1 MHz	3591.40	-57.73	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	3600 MHz-4100 MHz	1 MHz	3656.50	-58.05	-30	PASS
Band3(1710-1750)	5	19225	1	#Max	QPSK	4500 MHz-4900 MHz	1 MHz	4898.40	-58.82	-30	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.00	-36	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-65.22	-36	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	30 MHz-1000 MHz	100 kHz	817.74	-72.00	-36	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	1000 MHz-1700.0 0 MHz	1 MHz	1700.00	-48.56	-30	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	1725.00 MHz-3000 MHz	1 MHz	1726.06	-47.45	-30	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	3000 MHz-12.75 MHz	1 MHz	12555.8 1	-55.23	-30	PASS

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						GHz					
Band3(1710-1750)	5	19225	25	#0	QPSK	470 MHz-710 MHz	100 kHz	490.40	-74.35	-36	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	770 MHz-773 MHz	100 kHz	770.14	-74.10	-36	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	773 MHz-803 MHz	1 MHz	800.54	-64.52	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	860 MHz-890 MHz	1 MHz	888.86	-64.50	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	945 MHz-960 MHz	1 MHz	952.34	-64.69	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1485.73	-63.45	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1502.59	-63.47	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1808.08	-62.46	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1874.12	-62.89	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1907.20	-62.37	-30	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1915.43	-62.39	-30	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2015.72	-62.16	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2118.26	-62.13	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2155.66	-62.27	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	2330	1	2364.68	-62.13	-30	PASS

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)						MHz-2370 MHz	MHz				
Band3(1710-1750)	5	19225	25	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3400.87	-57.91	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3425.08	-56.85	-30	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3573.59	-58.04	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3587.52	-57.78	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3596.82	-57.67	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3667.50	-58.07	-30	PASS
Band3(1710-1750)	5	19225	25	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4894.00	-58.82	-30	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-58.75	-36	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	150 kHz-30 MHz	10 kHz	0.16	-62.95	-36	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	30 MHz-1000 MHz	100 kHz	872.83	-72.18	-36	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	1000 MHz-1700.0 0 MHz	1 MHz	1699.30	-51.57	-30	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	1725.00 MHz-3000 MHz	1 MHz	1728.19	-50.69	-30	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	3420.88	-53.69	-30	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	470 MHz-710 MHz	100 kHz	709.76	-74.28	-36	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	770 MHz-773 kHz	100 kHz	770.64	-74.04	-36	PASS

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						MHz					
Band3(1710-1750)	5	19225	1	#0	QAM16	773 MHz-803 MHz	1 MHz	775.46	-64.55	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	860 MHz-890 MHz	1 MHz	877.85	-64.61	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	945 MHz-960 MHz	1 MHz	947.67	-64.72	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1480.06	-63.48	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1500.28	-63.54	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1808.88	-62.56	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1876.78	-62.98	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1908.93	-62.53	-30	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1914.51	-62.51	-30	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2010.65	-62.24	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2111.20	-62.19	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2145.50	-62.38	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2352.56	-62.24	-30	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3402.24	-57.96	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	3419.3	1	3420.68	-53.04	-30	PASS

Report

)						MHz-3500.7 MHz	MHz				
Band3(1710-1750)	5	19225	1	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3574.03	-58.01	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3583.14	-57.79	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3593.13	-57.73	-50	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3668.50	-58.10	-30	PASS
Band3(1710-1750)	5	19225	1	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4899.20	-58.80	-30	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.79	-36	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	150 kHz-30 MHz	10 kHz	0.16	-62.51	-36	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	30 MHz-1000 MHz	100 kHz	799.21	-72.09	-36	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	1000 MHz-1700.0 0 MHz	1 MHz	1697.20	-52.13	-30	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	1725.00 MHz-3000 MHz	1 MHz	1726.06	-51.59	-30	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	3000 MHz-12.75 GHz	1 MHz	3429.00	-54.67	-30	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	470 MHz-710 MHz	100 kHz	694.40	-74.27	-36	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	770 MHz-773 MHz	100 kHz	771.15	-74.01	-36	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	773 MHz-803 MHz	1 MHz	790.64	-64.56	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	860 MHz-890 MHz	1 MHz	881.84	-64.61	-50	PASS

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						MHz					
Band3(1710-1750)	5	19225	1	#Max	QAM16	945 MHz-960 MHz	1 MHz	955.62	-64.71	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1479.48	-63.56	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1497.34	-63.58	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	1805 MHz-1845 MHz	1 MHz	1808.56	-62.68	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	1845 MHz-1880 MHz	1 MHz	1876.61	-63.02	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	1906.6 MHz-1910 MHz	1 MHz	1909.60	-62.62	-30	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	1910 MHz-1915.7 MHz	1 MHz	1913.04	-62.51	-30	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	2010 MHz-2025 MHz	1 MHz	2010.78	-62.31	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	2110 MHz-2144.4 MHz	1 MHz	2112.34	-62.25	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	2144.4 MHz-2170 MHz	1 MHz	2145.09	-62.42	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	2330 MHz-2370 MHz	1 MHz	2367.28	-62.15	-30	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	3400 MHz-3419.3 MHz	1 MHz	3400.58	-57.99	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3429.48	-53.87	-30	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3572.04	-57.99	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	3574.7	1	3580.28	-57.81	-50	PASS

Report

)						MHz-3590.3 MHz	MHz				
Band3(1710-1750)	5	19225	1	#Max	QAM16	3590.3 MHz-3600 MHz	1 MHz	3593.04	-57.70	-50	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	3600 MHz-4100 MHz	1 MHz	3679.50	-58.00	-30	PASS
Band3(1710-1750)	5	19225	1	#Max	QAM16	4500 MHz-4900 MHz	1 MHz	4873.20	-58.87	-30	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-60.19	-36	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	150 kHz-30 MHz	10 kHz	0.17	-64.18	-36	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	30 MHz-1000 MHz	100 kHz	809.40	-72.07	-36	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	1000 MHz-1700.0 0 MHz	1 MHz	1700.00	-49.21	-30	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	1725.00 MHz-3000 MHz	1 MHz	1726.06	-48.84	-30	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	12545.2 5	-55.28	-30	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	470 MHz-710 MHz	100 kHz	704.72	-74.28	-36	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	770 MHz-773 MHz	100 kHz	771.75	-74.03	-36	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	773 MHz-803 MHz	1 MHz	793.07	-64.64	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	860 MHz-890 MHz	1 MHz	878.24	-64.62	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	945 MHz-960 MHz	1 MHz	959.19	-64.75	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1492.17	-63.58	-50	PASS

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						MHz					
Band3(1710-1750)	5	19225	25	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1500.29	-63.67	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1809.08	-62.59	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1877.45	-63.05	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1909.92	-62.67	-30	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1914.67	-62.52	-30	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2019.93	-62.40	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2117.91	-62.23	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2151.41	-62.43	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2360.04	-62.24	-30	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3402.55	-58.02	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3424.75	-57.01	-30	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3574.70	-57.97	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3584.82	-57.81	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3599.77	-57.72	-50	PASS
Band3(1710-1750)	5	19225	25	#0	QAM16	3600 MHz	1	3682.00	-58.08	-30	PASS

Report

)						MHz-4100 MHz	MHz				
Band3(1710-1750)	5	19225	25	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4892.40	-58.91	-30	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.03	-36	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.30	-36	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	912.02	-71.64	-36	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	1000 MHz-1717.5 0 MHz	1 MHz	1717.50	-51.05	-30	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	1742.50 MHz-3000 MHz	1 MHz	1744.60	-51.60	-30	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	12524.9 4	-55.22	-30	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	470 MHz-710 MHz	100 kHz	694.40	-74.05	-36	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	770 MHz-773 MHz	100 kHz	771.65	-73.81	-36	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	773 MHz-803 MHz	1 MHz	776.12	-64.35	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	860 MHz-890 MHz	1 MHz	887.90	-64.42	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	945 MHz-960 MHz	1 MHz	947.84	-64.40	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1489.77	-63.23	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1506.74	-63.16	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1823.80	-62.69	-50	PASS

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						MHz					
Band3(1710-1750)	5	19400	1	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1858.06	-62.71	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1909.06	-62.31	-30	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1911.64	-62.20	-30	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2011.05	-61.78	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2115.13	-61.77	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2149.14	-62.07	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2365.28	-62.00	-30	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3400.37	-57.95	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3455.52	-55.33	-30	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3574.26	-57.96	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3579.57	-57.78	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3596.33	-57.75	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3665.00	-58.11	-30	PASS
Band3(1710-1750)	5	19400	1	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4894.00	-58.84	-30	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	9 kHz-150	1	0.01	-59.27	-36	PASS

Report

)						kHz	kHz				
Band3(1710-1750)	5	19400	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.16	-61.93	-36	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	908.43	-72.08	-36	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	1000 MHz-1717.5 0 MHz	1 MHz	1717.50	-51.31	-30	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	1742.50 MHz-3000 MHz	1 MHz	2626.94	-51.82	-30	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	3000 MHz-12.75 GHz	1 MHz	12531.4 4	-55.30	-30	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	470 MHz-710 MHz	100 kHz	505.28	-74.09	-36	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	770 MHz-773 MHz	100 kHz	772.11	-73.79	-36	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	773 MHz-803 MHz	1 MHz	791.69	-64.36	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	860 MHz-890 MHz	1 MHz	888.95	-64.43	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	945 MHz-960 MHz	1 MHz	945.80	-64.49	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1476.21	-63.18	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1508.63	-63.20	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	1805 MHz-1845 MHz	1 MHz	1844.04	-62.74	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	1845 MHz-1880 MHz	1 MHz	1879.65	-62.64	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	1906.6 MHz-1910 MHz	1 MHz	1908.33	-62.30	-30	PASS

Report

						MHz					
Band3(1710-1750)	5	19400	1	#Max	QPSK	1910 MHz-1915.7 MHz	1 MHz	1913.84	-62.17	-30	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2015.24	-61.58	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	2110 MHz-2144.4 MHz	1 MHz	2118.32	-61.89	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	2144.4 MHz-2170 MHz	1 MHz	2149.90	-62.10	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	2330 MHz-2370 MHz	1 MHz	2365.76	-61.95	-30	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	3400 MHz-3419.3 MHz	1 MHz	3402.24	-57.99	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3464.07	-57.35	-30	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3572.92	-58.04	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3590.22	-57.78	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	3590.3 MHz-3600 MHz	1 MHz	3599.94	-57.72	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	3600 MHz-4100 MHz	1 MHz	3671.50	-58.08	-30	PASS
Band3(1710-1750)	5	19400	1	#Max	QPSK	4500 MHz-4900 MHz	1 MHz	4896.00	-58.83	-30	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.62	-36	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	150 kHz-30 MHz	10 kHz	0.17	-63.78	-36	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	30 MHz-1000 MHz	100 kHz	953.34	-71.41	-36	PASS

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Band3(1710-1750)	5	19400	25	#0	QPSK	1000 MHz-1717.5 0 MHz	1 MHz	1717.50	-49.00	-30	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	1742.50 MHz-3000 MHz	1 MHz	1743.55	-49.91	-30	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	12544.4 4	-55.21	-30	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	470 MHz-710 MHz	100 kHz	704.96	-74.22	-36	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	770 MHz-773 MHz	100 kHz	770.54	-74.06	-36	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	773 MHz-803 MHz	1 MHz	777.53	-64.53	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	860 MHz-890 MHz	1 MHz	887.00	-64.56	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	945 MHz-960 MHz	1 MHz	950.36	-64.65	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1476.36	-63.48	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1502.46	-63.51	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1826.76	-62.98	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1874.09	-62.96	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1908.52	-62.58	-30	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1910.56	-62.55	-30	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2010.35	-62.04	-50	PASS

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						MHz					
Band3(1710-1750)	5	19400	25	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2110.07	-62.08	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2144.53	-62.29	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2366.84	-62.17	-30	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3403.86	-57.99	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3458.94	-58.17	-30	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3568.78	-58.02	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3587.79	-57.80	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3599.31	-57.70	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3667.50	-58.08	-30	PASS
Band3(1710-1750)	5	19400	25	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4896.40	-58.81	-30	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-58.88	-36	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	150 kHz-30 MHz	10 kHz	0.17	-63.98	-36	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	30 MHz-1000 MHz	100 kHz	915.51	-72.05	-36	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	1000 MHz-1717.5 0 MHz	1 MHz	1717.50	-51.55	-30	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	1742.50 MHz-3000 MHz	1 MHz	2635.33	-51.88	-30	PASS

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Band3(1710-1750)	5	19400	1	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	12538.7 5	-55.27	-30	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	470 MHz-710 MHz	100 kHz	669.92	-74.29	-36	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	770 MHz-773 MHz	100 kHz	771.62	-74.01	-36	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	773 MHz-803 MHz	1 MHz	787.46	-64.49	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	860 MHz-890 MHz	1 MHz	888.83	-64.52	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	945 MHz-960 MHz	1 MHz	948.53	-64.56	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1476.17	-63.40	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1506.12	-63.45	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1836.12	-62.94	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1879.65	-62.90	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1909.93	-62.42	-30	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1914.94	-62.47	-30	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2014.61	-61.95	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2110.07	-62.01	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2148.93	-62.27	-50	PASS

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Band3(1710-1750)	5	19400	1	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2365.36	-62.11	-30	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3406.02	-57.96	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3455.85	-55.91	-30	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3574.33	-57.96	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3584.11	-57.79	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3599.15	-57.74	-50	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3670.00	-58.01	-30	PASS
Band3(1710-1750)	5	19400	1	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4897.20	-58.78	-30	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	9 kHz-150 kHz	1 kHz	0.01	-57.87	-36	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	150 kHz-30 MHz	10 kHz	0.16	-62.18	-36	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	30 MHz-1000 MHz	100 kHz	772.73	-72.12	-36	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	1000 MHz-1717.5 0 MHz	1 MHz	1717.50	-51.76	-30	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	1742.50 MHz-3000 MHz	1 MHz	2616.46	-51.82	-30	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	3000 MHz-12.75 GHz	1 MHz	12549.3 1	-55.23	-30	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	470 MHz-710 MHz	100 kHz	516.80	-74.14	-36	PASS

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Band3(1710-1750)	5	19400	1	#Max	QAM16	770 MHz-773 MHz	100 kHz	770.08	-73.92	-36	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	773 MHz-803 MHz	1 MHz	800.36	-64.47	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	860 MHz-890 MHz	1 MHz	887.45	-64.54	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	945 MHz-960 MHz	1 MHz	945.15	-64.69	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1476.44	-63.38	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1499.72	-63.42	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	1805 MHz-1845 MHz	1 MHz	1826.32	-62.89	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	1845 MHz-1880 MHz	1 MHz	1879.79	-62.88	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	1906.6 MHz-1910 MHz	1 MHz	1908.24	-62.57	-30	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	1910 MHz-1915.7 MHz	1 MHz	1914.25	-62.48	-30	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	2010 MHz-2025 MHz	1 MHz	2011.26	-61.98	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	2110 MHz-2144.4 MHz	1 MHz	2114.09	-62.04	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	2144.4 MHz-2170 MHz	1 MHz	2149.93	-62.23	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	2330 MHz-2370 MHz	1 MHz	2365.68	-62.13	-30	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	3400 MHz-3419.3 MHz	1 MHz	3400.98	-58.00	-50	PASS

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Band3(1710-1750)	5	19400	1	#Max	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3464.23	-57.65	-30	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3573.29	-58.00	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3587.57	-57.76	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	3590.3 MHz-3600 MHz	1 MHz	3595.20	-57.69	-50	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	3600 MHz-4100 MHz	1 MHz	3667.50	-58.04	-30	PASS
Band3(1710-1750)	5	19400	1	#Max	QAM16	4500 MHz-4900 MHz	1 MHz	4894.80	-58.90	-30	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-58.08	-36	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	150 kHz-30 MHz	10 kHz	0.18	-65.75	-36	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	30 MHz-1000 MHz	100 kHz	932.88	-71.88	-36	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	1000 MHz-1717.5 0 MHz	1 MHz	1717.50	-49.85	-30	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	1742.50 MHz-3000 MHz	1 MHz	1743.55	-51.04	-30	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	12523.3 1	-55.25	-30	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	470 MHz-710 MHz	100 kHz	475.52	-74.31	-36	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	770 MHz-773 MHz	100 kHz	770.27	-74.10	-36	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	773 MHz-803 MHz	1 MHz	802.34	-64.61	-50	PASS

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Band3(1710-1750)	5	19400	25	#0	QAM16	860 MHz-890 MHz	1 MHz	889.43	-64.62	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	945 MHz-960 MHz	1 MHz	949.14	-64.79	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1476.52	-63.70	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1497.46	-63.65	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1825.72	-63.16	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1874.30	-63.14	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1908.49	-62.69	-30	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1914.86	-62.74	-30	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2011.34	-62.28	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2116.16	-62.27	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2150.34	-62.43	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2366.72	-62.17	-30	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3402.24	-57.99	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3458.62	-58.30	-30	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3569.59	-58.02	-50	PASS

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Band3(1710-1750)	5	19400	25	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3584.33	-57.79	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3593.83	-57.75	-50	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3662.00	-58.05	-30	PASS
Band3(1710-1750)	5	19400	25	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4896.00	-58.88	-30	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.45	-36	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.45	-36	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	915.03	-72.00	-36	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	1000 MHz-1735.0 0 MHz	1 MHz	1735.00	-50.06	-30	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	1760.00 MHz-3000 MHz	1 MHz	1762.07	-50.31	-30	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	3490.75	-53.93	-30	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	470 MHz-710 MHz	100 kHz	699.20	-73.88	-36	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	770 MHz-773 MHz	100 kHz	772.15	-73.90	-36	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	773 MHz-803 MHz	1 MHz	798.92	-64.44	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	860 MHz-890 MHz	1 MHz	880.76	-64.42	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	945 MHz-960 MHz	1 MHz	947.76	-64.56	-50	PASS

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Band3(1710-1750)	5	19575	1	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1491.30	-63.13	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1510.00	-63.21	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1843.96	-61.82	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1860.47	-62.66	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1907.49	-62.46	-30	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1911.91	-62.41	-30	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2016.92	-61.65	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2119.46	-61.91	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2151.08	-62.07	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2366.08	-61.98	-30	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3401.39	-57.96	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3490.69	-53.46	-30	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3572.55	-58.02	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3586.73	-57.80	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3596.51	-57.65	-50	PASS

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Band3(1710-1750)	5	19575	1	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3670.00	-58.08	-30	PASS
Band3(1710-1750)	5	19575	1	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4888.40	-58.91	-30	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-57.76	-36	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.61	-36	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	903.19	-71.85	-36	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	1000 MHz-1735.0 0 MHz	1 MHz	1732.80	-50.30	-30	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	1760.00 MHz-3000 MHz	1 MHz	1761.03	-50.72	-30	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	3000 MHz-12.75 GHz	1 MHz	3499.69	-54.00	-30	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	470 MHz-710 MHz	100 kHz	508.40	-74.16	-36	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	770 MHz-773 MHz	100 kHz	771.41	-73.84	-36	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	773 MHz-803 MHz	1 MHz	792.26	-64.37	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	860 MHz-890 MHz	1 MHz	875.42	-64.39	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	945 MHz-960 MHz	1 MHz	945.87	-64.61	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1478.88	-63.16	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1498.63	-63.20	-50	PASS

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Band3(1710-1750)	5	19575	1	#Max	QPSK	1805 MHz-1845 MHz	1 MHz	1841.44	-61.82	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	1845 MHz-1880 MHz	1 MHz	1862.01	-62.67	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	1906.6 MHz-1910 MHz	1 MHz	1907.18	-62.44	-30	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	1910 MHz-1915.7 MHz	1 MHz	1914.26	-62.36	-30	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2010.11	-61.66	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	2110 MHz-2144.4 MHz	1 MHz	2111.58	-61.87	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	2144.4 MHz-2170 MHz	1 MHz	2145.40	-62.05	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	2330 MHz-2370 MHz	1 MHz	2368.88	-61.94	-30	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	3400 MHz-3419.3 MHz	1 MHz	3400.41	-58.00	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3499.40	-52.56	-30	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3569.74	-57.93	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3582.31	-57.75	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	3590.3 MHz-3600 MHz	1 MHz	3595.64	-57.72	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	3600 MHz-4100 MHz	1 MHz	3666.00	-58.09	-30	PASS
Band3(1710-1750)	5	19575	1	#Max	QPSK	4500 MHz-4900 MHz	1 MHz	4892.80	-58.92	-30	PASS

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Band3(1710-1750)	5	19575	25	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-57.14	-36	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.48	-36	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	30 MHz-1000 MHz	100 kHz	793.10	-71.74	-36	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	1000 MHz-1735.0 0 MHz	1 MHz	1735.00	-47.51	-30	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	1760.00 MHz-3000 MHz	1 MHz	1761.03	-48.04	-30	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	12527.3 8	-55.23	-30	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	470 MHz-710 MHz	100 kHz	706.88	-74.29	-36	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	770 MHz-773 MHz	100 kHz	772.79	-74.09	-36	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	773 MHz-803 MHz	1 MHz	784.07	-64.56	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	860 MHz-890 MHz	1 MHz	887.39	-64.52	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	945 MHz-960 MHz	1 MHz	952.04	-64.70	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1477.64	-63.49	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1504.09	-63.50	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1843.20	-62.01	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1878.67	-62.93	-50	PASS

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Band3(1710-1750)	5	19575	25	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1907.00	-62.73	-30	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1914.57	-62.62	-30	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2010.57	-61.96	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2110.65	-62.06	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2151.24	-62.23	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2367.88	-62.12	-30	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3407.62	-57.95	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3495.08	-57.14	-30	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3570.19	-57.97	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3584.39	-57.83	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3595.18	-57.73	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3673.50	-58.03	-30	PASS
Band3(1710-1750)	5	19575	25	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4888.80	-58.88	-30	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.14	-36	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	150 kHz-30 MHz	10 kHz	0.16	-62.59	-36	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	30	100	964.98	-71.89	-36	PASS

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)						MHz-1000 MHz	kHz				
Band3(1710-1750)	5	19575	1	#0	QAM16	1000 MHz-1735.0 0 MHz	1 MHz	1735.00	-50.68	-30	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	1760.00 MHz-3000 MHz	1 MHz	1762.07	-51.00	-30	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	3490.75	-54.88	-30	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	470 MHz-710 MHz	100 kHz	484.16	-74.34	-36	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	770 MHz-773 MHz	100 kHz	770.41	-73.91	-36	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	773 MHz-803 MHz	1 MHz	774.02	-64.57	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	860 MHz-890 MHz	1 MHz	884.93	-64.52	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	945 MHz-960 MHz	1 MHz	945.12	-64.72	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1487.86	-63.39	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1509.70	-63.45	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1841.80	-62.06	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1866.53	-62.80	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1909.19	-62.74	-30	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1915.47	-62.69	-30	PASS

Report

Band3(1710-1750)	5	19575	1	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2012.01	-61.99	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2111.55	-62.16	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2151.03	-62.28	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2367.88	-62.07	-30	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3404.32	-57.89	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3490.53	-54.15	-30	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3569.82	-57.94	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3576.51	-57.74	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3597.44	-57.74	-50	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3684.00	-58.03	-30	PASS
Band3(1710-1750)	5	19575	1	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4886.40	-58.89	-30	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.79	-36	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	150 kHz-30 MHz	10 kHz	0.16	-64.34	-36	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	30 MHz-1000 MHz	100 kHz	908.82	-72.16	-36	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	1000 MHz-1735.0 0 MHz	1 MHz	1735.00	-50.90	-30	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	1760.00	1	1762.07	-51.02	-30	PASS

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)						MHz-3000 MHz	MHz				
Band3(1710-1750)	5	19575	1	#Max	QAM16	3000 MHz-12.75 GHz	1 MHz	3499.69	-55.01	-30	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	470 MHz-710 MHz	100 kHz	686.24	-74.39	-36	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	770 MHz-773 MHz	100 kHz	770.37	-73.86	-36	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	773 MHz-803 MHz	1 MHz	784.73	-64.55	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	860 MHz-890 MHz	1 MHz	876.68	-64.54	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	945 MHz-960 MHz	1 MHz	950.63	-64.68	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1481.90	-63.32	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1497.63	-63.47	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	1805 MHz-1845 MHz	1 MHz	1843.72	-62.01	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	1845 MHz-1880 MHz	1 MHz	1872.76	-62.91	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	1906.6 MHz-1910 MHz	1 MHz	1908.55	-62.68	-30	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	1910 MHz-1915.7 MHz	1 MHz	1915.18	-62.63	-30	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	2010 MHz-2025 MHz	1 MHz	2014.56	-61.80	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	2110 MHz-2144.4 MHz	1 MHz	2121.15	-62.04	-50	PASS

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Band3(1710-1750)	5	19575	1	#Max	QAM16	2144.4 MHz-2170 MHz	1 MHz	2146.91	-62.18	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	2330 MHz-2370 MHz	1 MHz	2364.44	-62.06	-30	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	3400 MHz-3419.3 MHz	1 MHz	3403.09	-57.96	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3499.23	-53.21	-30	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3566.78	-58.03	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3588.01	-57.74	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	3590.3 MHz-3600 MHz	1 MHz	3594.25	-57.71	-50	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	3600 MHz-4100 MHz	1 MHz	3679.50	-58.01	-30	PASS
Band3(1710-1750)	5	19575	1	#Max	QAM16	4500 MHz-4900 MHz	1 MHz	4892.80	-58.86	-30	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-58.21	-36	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	150 kHz-30 MHz	10 kHz	0.17	-65.34	-36	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	30 MHz-1000 MHz	100 kHz	913.38	-72.05	-36	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	1000 MHz-1735.0 0 MHz	1 MHz	1735.00	-48.43	-30	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	1760.00 MHz-3000 MHz	1 MHz	1761.03	-49.53	-30	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	12537.1 3	-55.23	-30	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	470	100	482.24	-74.46	-36	PASS

)						MHz-710 MHz	kHz				
Band3(1710-1750)	5	19575	25	#0	QAM16	770 MHz-773 MHz	100 kHz	772.51	-73.98	-36	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	773 MHz-803 MHz	1 MHz	787.91	-64.65	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	860 MHz-890 MHz	1 MHz	879.44	-64.51	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	945 MHz-960 MHz	1 MHz	949.86	-64.78	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1479.90	-63.59	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1507.64	-63.67	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1841.68	-62.12	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1872.44	-63.07	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1906.75	-62.84	-30	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1915.47	-62.80	-30	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2012.61	-62.19	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2119.12	-62.27	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2145.50	-62.37	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2359.04	-62.18	-30	PASS

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Band3(1710-1750)	5	19575	25	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3403.03	-57.95	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3494.51	-57.35	-30	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3572.92	-58.00	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3589.52	-57.71	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3597.25	-57.70	-50	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3673.00	-58.02	-30	PASS
Band3(1710-1750)	5	19575	25	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4898.00	-58.85	-30	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.92	-36	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.19	-36	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	969.83	-71.96	-36	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	1000 MHz-1685.0 0 MHz	1 MHz	1685.00	-53.92	-30	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	1755.00 MHz-3000 MHz	1 MHz	1772.64	-41.29	-30	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	3422.50	-53.25	-30	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	470 MHz-710 MHz	100 kHz	676.16	-74.12	-36	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	770 MHz-773 MHz	100 kHz	771.95	-73.86	-36	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	773	1	776.72	-64.25	-50	PASS

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)						MHz-803 MHz	MHz				
Band3(1710-1750)	20	19300	1	#0	QPSK	860 MHz-890 MHz	1 MHz	883.25	-64.32	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	945 MHz-960 MHz	1 MHz	945.53	-64.44	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1490.56	-63.06	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1499.35	-63.14	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1812.16	-62.06	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1865.06	-62.55	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1908.82	-61.97	-30	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1915.12	-61.89	-30	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2017.61	-61.80	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2112.55	-61.78	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2145.81	-62.01	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2365.24	-61.94	-30	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3406.56	-57.94	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3422.15	-52.05	-30	PASS

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Band3(1710-1750)	20	19300	1	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3572.18	-57.95	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3590.13	-57.73	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3591.47	-57.71	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3661.00	-57.97	-30	PASS
Band3(1710-1750)	20	19300	1	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4895.60	-58.89	-30	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.93	-36	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.16	-65.29	-36	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	758.28	-71.85	-36	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	1000 MHz-1685.0 0 MHz	1 MHz	1683.63	-54.11	-30	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	1755.00 MHz-3000 MHz	1 MHz	1764.34	-38.55	-30	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	3000 MHz-12.75 GHz	1 MHz	12563.1 3	-55.09	-30	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	470 MHz-710 MHz	100 kHz	691.76	-74.16	-36	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	770 MHz-773 MHz	100 kHz	770.41	-73.86	-36	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	773 MHz-803 MHz	1 MHz	800.09	-64.38	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	860 MHz-890 MHz	1 MHz	888.05	-64.32	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	945	1	949.44	-64.48	-50	PASS

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)						MHz-960 MHz	MHz				
Band3(1710-1750)	20	19300	1	#Max	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1479.32	-63.13	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1508.76	-63.12	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	1805 MHz-1845 MHz	1 MHz	1810.80	-62.11	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	1845 MHz-1880 MHz	1 MHz	1867.05	-62.62	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	1906.6 MHz-1910 MHz	1 MHz	1908.53	-62.22	-30	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	1910 MHz-1915.7 MHz	1 MHz	1911.94	-62.13	-30	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2010.50	-61.72	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	2110 MHz-2144.4 MHz	1 MHz	2115.61	-61.85	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	2144.4 MHz-2170 MHz	1 MHz	2145.45	-62.04	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	2330 MHz-2370 MHz	1 MHz	2356.36	-61.96	-30	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	3400 MHz-3419.3 MHz	1 MHz	3405.56	-57.86	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3457.88	-55.96	-30	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3571.44	-57.98	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3580.19	-57.75	-50	PASS

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Band3(1710-1750)	20	19300	1	#Max	QPSK	3590.3 MHz-3600 MHz	1 MHz	3599.19	-57.68	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	3600 MHz-4100 MHz	1 MHz	3671.00	-58.05	-30	PASS
Band3(1710-1750)	20	19300	1	#Max	QPSK	4500 MHz-4900 MHz	1 MHz	4895.20	-58.74	-30	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.40	-36	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.94	-36	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	30 MHz-1000 MHz	100 kHz	959.16	-71.86	-36	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	1000 MHz-1685.0 0 MHz	1 MHz	1685.00	-51.83	-30	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	1755.00 MHz-3000 MHz	1 MHz	1756.04	-46.24	-30	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	12533.0 6	-55.18	-30	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	470 MHz-710 MHz	100 kHz	484.88	-74.24	-36	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	770 MHz-773 MHz	100 kHz	772.88	-74.01	-36	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	773 MHz-803 MHz	1 MHz	785.12	-64.46	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	860 MHz-890 MHz	1 MHz	889.31	-64.37	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	945 MHz-960 MHz	1 MHz	949.73	-64.61	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1482.38	-63.39	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	1496.6	1	1497.92	-63.43	-50	PASS

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)						MHz-1510.9 MHz	MHz				
Band3(1710-1750)	20	19300	100	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1813.36	-62.31	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1874.58	-62.79	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1908.64	-62.47	-30	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1914.70	-62.42	-30	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2011.65	-62.08	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2110.24	-62.06	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2144.53	-62.27	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2366.28	-62.08	-30	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3400.02	-57.90	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3439.41	-58.08	-30	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3574.18	-57.95	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3580.91	-57.75	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3595.32	-57.69	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3665.00	-58.04	-30	PASS

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Band3(1710-1750)	20	19300	100	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4897.60	-58.82	-30	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-58.83	-36	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	150 kHz-30 MHz	10 kHz	0.16	-65.01	-36	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	30 MHz-1000 MHz	100 kHz	804.74	-72.11	-36	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	1000 MHz-1685.0 0 MHz	1 MHz	1685.00	-54.01	-30	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	1755.00 MHz-3000 MHz	1 MHz	1772.64	-42.01	-30	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	3422.50	-53.85	-30	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	470 MHz-710 MHz	100 kHz	484.40	-74.10	-36	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	770 MHz-773 MHz	100 kHz	770.20	-74.01	-36	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	773 MHz-803 MHz	1 MHz	798.80	-64.47	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	860 MHz-890 MHz	1 MHz	885.29	-64.45	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	945 MHz-960 MHz	1 MHz	953.01	-64.55	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1477.37	-63.28	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1500.63	-63.30	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1811.56	-62.21	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	1845	1	1875.91	-62.74	-50	PASS

Report

)						MHz-1880 MHz	MHz				
Band3(1710-1750)	20	19300	1	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1907.91	-62.29	-30	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1910.93	-62.23	-30	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2010.39	-62.08	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2111.20	-62.02	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2158.68	-62.18	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2360.92	-62.05	-30	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3400.39	-57.91	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3422.07	-52.85	-30	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3574.40	-57.89	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3585.74	-57.69	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3596.85	-57.67	-50	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3676.00	-58.03	-30	PASS
Band3(1710-1750)	20	19300	1	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4895.60	-58.77	-30	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	9 kHz-150 kHz	1 kHz	0.01	-58.82	-36	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	150 kHz-30	10	0.16	-63.84	-36	PASS

Report

)						MHz	kHz				
Band3(1710-1750)	20	19300	1	#Max	QAM16	30 MHz-1000 MHz	100 kHz	956.74	-72.22	-36	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	1000 MHz-1685.0 0 MHz	1 MHz	1563.07	-54.18	-30	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	1755.00 MHz-3000 MHz	1 MHz	1764.34	-39.80	-30	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	3000 MHz-12.75 GHz	1 MHz	12598.0 6	-55.18	-30	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	470 MHz-710 MHz	100 kHz	486.08	-74.45	-36	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	770 MHz-773 MHz	100 kHz	772.69	-74.06	-36	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	773 MHz-803 MHz	1 MHz	791.09	-64.58	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	860 MHz-890 MHz	1 MHz	883.52	-64.54	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	945 MHz-960 MHz	1 MHz	946.55	-64.76	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1476.33	-63.23	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1501.72	-63.23	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	1805 MHz-1845 MHz	1 MHz	1814.04	-62.35	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	1845 MHz-1880 MHz	1 MHz	1876.96	-62.89	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	1906.6 MHz-1910 MHz	1 MHz	1909.53	-62.52	-30	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	1910	1	1914.40	-62.49	-30	PASS

Report

)						MHz-1915.7 MHz	MHz				
Band3(1710-1750)	20	19300	1	#Max	QAM16	2010 MHz-2025 MHz	1 MHz	2012.49	-62.08	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	2110 MHz-2144.4 MHz	1 MHz	2117.22	-62.14	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	2144.4 MHz-2170 MHz	1 MHz	2148.39	-62.26	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	2330 MHz-2370 MHz	1 MHz	2362.16	-62.13	-30	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	3400 MHz-3419.3 MHz	1 MHz	3402.55	-58.05	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3457.72	-56.20	-30	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3569.59	-57.99	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3588.85	-57.85	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	3590.3 MHz-3600 MHz	1 MHz	3598.06	-57.72	-50	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	3600 MHz-4100 MHz	1 MHz	3666.50	-57.96	-30	PASS
Band3(1710-1750)	20	19300	1	#Max	QAM16	4500 MHz-4900 MHz	1 MHz	4897.60	-58.80	-30	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-58.57	-36	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	150 kHz-30 MHz	10 kHz	0.16	-64.69	-36	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	30 MHz-1000 MHz	100 kHz	900.96	-72.18	-36	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	1000 MHz-1685.0 MHz	1 MHz	1685.00	-52.14	-30	PASS

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						0 MHz					
Band3(1710-1750)	20	19300	100	#0	QAM16	1755.00 MHz-3000 MHz	1 MHz	1756.04	-47.13	-30	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	12600.5 0	-55.25	-30	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	470 MHz-710 MHz	100 kHz	498.56	-74.26	-36	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	770 MHz-773 MHz	100 kHz	770.51	-74.11	-36	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	773 MHz-803 MHz	1 MHz	795.56	-64.67	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	860 MHz-890 MHz	1 MHz	862.61	-64.70	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	945 MHz-960 MHz	1 MHz	947.21	-64.85	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1477.10	-63.52	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1503.56	-63.51	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1814.64	-62.55	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1870.59	-63.15	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1908.20	-62.76	-30	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1911.94	-62.78	-30	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2010.12	-62.42	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	2110	1	2110.41	-62.31	-50	PASS

Report

)						MHz-2144.4 MHz	MHz				
Band3(1710-1750)	20	19300	100	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2144.81	-62.56	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2366.04	-62.30	-30	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3402.20	-58.09	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3428.42	-58.22	-30	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3574.40	-58.02	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3587.91	-57.88	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3599.80	-57.67	-50	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3677.50	-58.06	-30	PASS
Band3(1710-1750)	20	19300	100	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4887.20	-58.91	-30	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.33	-36	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.59	-36	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	917.07	-71.81	-36	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	1000 MHz-1695.0 0 MHz	1 MHz	1685.27	-44.71	-30	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	1765.00 MHz-3000 MHz	1 MHz	1782.50	-44.44	-30	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	3000 MHz-12.75 MHz	1 MHz	3442.00	-54.14	-30	PASS

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						GHz					
Band3(1710-1750)	20	19400	1	#0	QPSK	470 MHz-710 MHz	100 kHz	482.96	-74.31	-36	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	770 MHz-773 MHz	100 kHz	772.46	-73.88	-36	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	773 MHz-803 MHz	1 MHz	792.65	-64.44	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	860 MHz-890 MHz	1 MHz	884.78	-64.48	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	945 MHz-960 MHz	1 MHz	948.69	-64.62	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1492.40	-63.02	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1504.51	-63.04	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1832.76	-62.17	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1878.39	-62.71	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1909.24	-62.21	-30	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1915.19	-62.20	-30	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2010.08	-61.98	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2110.83	-61.99	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2144.68	-62.18	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	2330	1	2368.84	-62.07	-30	PASS

Report

)						MHz-2370 MHz	MHz				
Band3(1710-1750)	20	19400	1	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3400.17	-58.06	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3442.09	-53.42	-30	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3573.44	-58.05	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3589.97	-57.87	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3599.88	-57.79	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3668.00	-58.02	-30	PASS
Band3(1710-1750)	20	19400	1	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4879.20	-58.82	-30	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.47	-36	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.62	-36	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	921.43	-71.73	-36	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	1000 MHz-1695.0 0 MHz	1 MHz	1694.31	-53.74	-30	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	1765.00 MHz-3000 MHz	1 MHz	1774.26	-39.04	-30	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	3000 MHz-12.75 GHz	1 MHz	12526.5 6	-55.06	-30	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	470 MHz-710 MHz	100 kHz	698.24	-74.34	-36	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	770 MHz-773 kHz	100 kHz	772.80	-73.94	-36	PASS

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						MHz					
Band3(1710-1750)	20	19400	1	#Max	QPSK	773 MHz-803 MHz	1 MHz	799.97	-64.36	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	860 MHz-890 MHz	1 MHz	872.30	-64.48	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	945 MHz-960 MHz	1 MHz	946.55	-64.62	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1489.89	-63.03	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1510.76	-63.06	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	1805 MHz-1845 MHz	1 MHz	1833.32	-62.24	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	1845 MHz-1880 MHz	1 MHz	1872.48	-62.69	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	1906.6 MHz-1910 MHz	1 MHz	1908.26	-62.42	-30	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	1910 MHz-1915.7 MHz	1 MHz	1915.23	-62.31	-30	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2012.97	-61.71	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	2110 MHz-2144.4 MHz	1 MHz	2115.40	-61.96	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	2144.4 MHz-2170 MHz	1 MHz	2144.78	-62.11	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	2330 MHz-2370 MHz	1 MHz	2367.04	-61.99	-30	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	3400 MHz-3419.3 MHz	1 MHz	3400.75	-58.05	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	3419.3	1	3477.75	-56.70	-30	PASS

Report

)						MHz-3500.7 MHz	MHz				
Band3(1710-1750)	20	19400	1	#Max	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3573.96	-58.07	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3587.01	-57.87	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	3590.3 MHz-3600 MHz	1 MHz	3594.97	-57.75	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	3600 MHz-4100 MHz	1 MHz	3665.50	-57.97	-30	PASS
Band3(1710-1750)	20	19400	1	#Max	QPSK	4500 MHz-4900 MHz	1 MHz	4898.00	-58.71	-30	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.81	-36	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.45	-36	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	30 MHz-1000 MHz	100 kHz	805.61	-71.64	-36	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	1000 MHz-1695.0 0 MHz	1 MHz	1695.00	-47.77	-30	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	1765.00 MHz-3000 MHz	1 MHz	1766.03	-45.57	-30	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	12523.3 1	-55.23	-30	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	470 MHz-710 MHz	100 kHz	477.44	-74.02	-36	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	770 MHz-773 MHz	100 kHz	770.50	-74.02	-36	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	773 MHz-803 MHz	1 MHz	792.89	-64.61	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	860 MHz-890 MHz	1 MHz	878.57	-64.63	-50	PASS

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						MHz					
Band3(1710-1750)	20	19400	100	#0	QPSK	945 MHz-960 MHz	1 MHz	945.65	-64.64	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1477.74	-63.26	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1500.68	-63.31	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1832.96	-62.40	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1874.58	-62.93	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1909.63	-62.66	-30	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1910.87	-62.50	-30	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2011.16	-62.08	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2115.95	-62.13	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2145.14	-62.41	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2369.68	-62.19	-30	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3408.16	-58.04	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3419.71	-58.24	-30	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3574.33	-58.02	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	3574.7	1	3585.92	-57.85	-50	PASS

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)						MHz-3590.3 MHz	MHz				
Band3(1710-1750)	20	19400	100	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3595.92	-57.77	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3670.00	-57.98	-30	PASS
Band3(1710-1750)	20	19400	100	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4895.60	-58.79	-30	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.24	-36	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	150 kHz-30 MHz	10 kHz	0.17	-64.50	-36	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	30 MHz-1000 MHz	100 kHz	772.83	-71.50	-36	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	1000 MHz-1695.0 0 MHz	1 MHz	1685.27	-45.53	-30	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	1765.00 MHz-3000 MHz	1 MHz	1782.50	-44.80	-30	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	3442.00	-54.61	-30	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	470 MHz-710 MHz	100 kHz	709.52	-74.35	-36	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	770 MHz-773 MHz	100 kHz	771.80	-74.07	-36	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	773 MHz-803 MHz	1 MHz	788.42	-64.53	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	860 MHz-890 MHz	1 MHz	888.47	-64.56	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	945 MHz-960 MHz	1 MHz	946.88	-64.67	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1482.15	-63.24	-50	PASS

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						MHz					
Band3(1710-1750)	20	19400	1	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1509.08	-63.20	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1833.52	-62.35	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1878.95	-62.85	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1909.10	-62.50	-30	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1914.34	-62.42	-30	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2010.60	-62.15	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2112.72	-62.11	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2145.60	-62.27	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2369.84	-62.14	-30	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3408.57	-58.04	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3442.25	-53.76	-30	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3573.15	-58.04	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3589.35	-57.80	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3594.96	-57.74	-50	PASS
Band3(1710-1750)	20	19400	1	#0	QAM16	3600	1	3669.00	-58.02	-30	PASS

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)						MHz-4100 MHz	MHz				
Band3(1710-1750)	20	19400	1	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4900.00	-58.35	-30	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.31	-36	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	150 kHz-30 MHz	10 kHz	0.16	-61.33	-36	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	30 MHz-1000 MHz	100 kHz	913.28	-72.23	-36	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	1000 MHz-1695.0 0 MHz	1 MHz	1694.31	-53.73	-30	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	1765.00 MHz-3000 MHz	1 MHz	1774.26	-39.97	-30	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	3000 MHz-12.75 GHz	1 MHz	12537.9 4	-55.28	-30	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	470 MHz-710 MHz	100 kHz	708.32	-74.23	-36	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	770 MHz-773 MHz	100 kHz	770.31	-73.97	-36	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	773 MHz-803 MHz	1 MHz	780.14	-64.63	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	860 MHz-890 MHz	1 MHz	887.87	-64.57	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	945 MHz-960 MHz	1 MHz	946.64	-64.69	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1476.98	-63.21	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1509.38	-63.30	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	1805 MHz-1845 MHz	1 MHz	1833.36	-62.41	-50	PASS

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						MHz					
Band3(1710-1750)	20	19400	1	#Max	QAM16	1845 MHz-1880 MHz	1 MHz	1870.06	-62.90	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	1906.6 MHz-1910 MHz	1 MHz	1907.79	-62.65	-30	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	1910 MHz-1915.7 MHz	1 MHz	1915.57	-62.47	-30	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	2010 MHz-2025 MHz	1 MHz	2010.84	-61.91	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	2110 MHz-2144.4 MHz	1 MHz	2112.89	-62.00	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	2144.4 MHz-2170 MHz	1 MHz	2148.37	-62.28	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	2330 MHz-2370 MHz	1 MHz	2367.48	-62.10	-30	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	3400 MHz-3419.3 MHz	1 MHz	3404.54	-58.03	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3477.83	-56.97	-30	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3574.55	-58.01	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3584.73	-57.90	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	3590.3 MHz-3600 MHz	1 MHz	3599.93	-57.79	-50	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	3600 MHz-4100 MHz	1 MHz	3677.50	-58.05	-30	PASS
Band3(1710-1750)	20	19400	1	#Max	QAM16	4500 MHz-4900 MHz	1 MHz	4886.00	-58.43	-30	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	9 kHz-150	1	0.01	-58.61	-36	PASS

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)						kHz	kHz				
Band3(1710-1750)	20	19400	100	#0	QAM16	150 kHz-30 MHz	10 kHz	0.16	-63.65	-36	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	30 MHz-1000 MHz	100 kHz	886.32	-72.34	-36	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	1000 MHz-1695.0 0 MHz	1 MHz	1695.00	-48.96	-30	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	1765.00 MHz-3000 MHz	1 MHz	1766.03	-46.52	-30	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	12530.6 3	-55.28	-30	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	470 MHz-710 MHz	100 kHz	472.88	-74.29	-36	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	770 MHz-773 MHz	100 kHz	770.74	-74.17	-36	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	773 MHz-803 MHz	1 MHz	783.83	-64.72	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	860 MHz-890 MHz	1 MHz	886.07	-64.62	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	945 MHz-960 MHz	1 MHz	951.08	-64.83	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1489.73	-63.50	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1499.62	-63.54	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1832.92	-62.66	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1873.32	-63.19	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1907.13	-62.85	-30	PASS

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						MHz					
Band3(1710-1750)	20	19400	100	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1910.37	-62.82	-30	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2012.42	-62.32	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2126.03	-62.32	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2147.70	-62.50	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2369.32	-62.31	-30	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3403.26	-58.07	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3421.90	-58.32	-30	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3573.52	-58.05	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3579.24	-57.84	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3599.76	-57.72	-50	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3669.50	-58.04	-30	PASS
Band3(1710-1750)	20	19400	100	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4899.20	-58.35	-30	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.91	-36	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.45	-36	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	780.68	-71.91	-36	PASS

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Band3(1710-1750)	20	19500	1	#0	QPSK	1000 MHz-1705.0 0 MHz	1 MHz	1695.13	-39.04	-30	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	1775.00 MHz-3000 MHz	1 MHz	2623.31	-51.90	-30	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	12531.4 4	-55.18	-30	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	470 MHz-710 MHz	100 kHz	494.96	-74.32	-36	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	770 MHz-773 MHz	100 kHz	770.79	-73.94	-36	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	773 MHz-803 MHz	1 MHz	802.28	-64.45	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	860 MHz-890 MHz	1 MHz	878.33	-64.49	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	945 MHz-960 MHz	1 MHz	947.31	-64.60	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1477.45	-63.01	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1509.01	-63.01	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1839.68	-61.74	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1872.62	-62.63	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1909.72	-62.34	-30	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1913.63	-62.27	-30	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2011.46	-61.67	-50	PASS

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						MHz					
Band3(1710-1750)	20	19500	1	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2113.30	-61.83	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2146.78	-62.10	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2366.04	-61.99	-30	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3405.33	-58.09	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3462.04	-56.98	-30	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3560.57	-58.01	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3589.69	-57.85	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3596.94	-57.81	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3663.50	-58.06	-30	PASS
Band3(1710-1750)	20	19500	1	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4898.40	-58.42	-30	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.32	-36	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.30	-36	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	768.27	-71.81	-36	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	1000 MHz-1705.0 0 MHz	1 MHz	1704.30	-53.09	-30	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	1775.00 MHz-3000 MHz	1 MHz	1784.19	-38.15	-30	PASS

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Band3(1710-1750)	20	19500	1	#Max	QPSK	3000 MHz-12.75 GHz	1 MHz	3498.06	-53.08	-30	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	470 MHz-710 MHz	100 kHz	494.72	-73.98	-36	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	770 MHz-773 MHz	100 kHz	772.51	-73.84	-36	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	773 MHz-803 MHz	1 MHz	782.00	-64.40	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	860 MHz-890 MHz	1 MHz	877.91	-64.37	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	945 MHz-960 MHz	1 MHz	946.50	-64.55	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1478.76	-62.99	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1496.79	-63.03	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	1805 MHz-1845 MHz	1 MHz	1841.28	-61.72	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	1845 MHz-1880 MHz	1 MHz	1874.58	-62.57	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	1906.6 MHz-1910 MHz	1 MHz	1907.61	-62.35	-30	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	1910 MHz-1915.7 MHz	1 MHz	1915.63	-62.40	-30	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2015.90	-61.51	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	2110 MHz-2144.4 MHz	1 MHz	2112.65	-61.82	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	2144.4 MHz-2170 MHz	1 MHz	2147.14	-62.05	-50	PASS

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						MHz					
Band3(1710-1750)	20	19500	1	#Max	QPSK	2330 MHz-2370 MHz	1 MHz	2366.32	-61.94	-30	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	3400 MHz-3419.3 MHz	1 MHz	3401.85	-58.04	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3497.77	-52.39	-30	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3571.67	-58.09	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3586.76	-57.90	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	3590.3 MHz-3600 MHz	1 MHz	3594.16	-57.77	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	3600 MHz-4100 MHz	1 MHz	3672.00	-57.95	-30	PASS
Band3(1710-1750)	20	19500	1	#Max	QPSK	4500 MHz-4900 MHz	1 MHz	4896.40	-58.42	-30	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.10	-36	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.49	-36	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	30 MHz-1000 MHz	100 kHz	885.35	-72.23	-36	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	1000 MHz-1705.0 0 MHz	1 MHz	1705.00	-45.68	-30	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	1775.00 MHz-3000 MHz	1 MHz	1776.02	-47.25	-30	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	12571.2 5	-55.28	-30	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	470 MHz-710 MHz	100 kHz	477.20	-74.29	-36	PASS

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Band3(1710-1750)	20	19500	100	#0	QPSK	770 MHz-773 MHz	100 kHz	770.89	-73.97	-36	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	773 MHz-803 MHz	1 MHz	796.04	-64.56	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	860 MHz-890 MHz	1 MHz	889.07	-64.57	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	945 MHz-960 MHz	1 MHz	945.77	-64.75	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1483.41	-63.29	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1504.68	-63.34	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1840.24	-61.95	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1879.48	-62.96	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1909.97	-62.69	-30	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1914.27	-62.63	-30	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2014.23	-62.06	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2115.30	-62.19	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2150.03	-62.39	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2351.64	-62.17	-30	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3401.97	-58.07	-50	PASS

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						MHz					
Band3(1710-1750)	20	19500	100	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3425.41	-58.27	-30	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3572.48	-57.96	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3588.05	-57.84	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3597.23	-57.82	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3675.00	-57.94	-30	PASS
Band3(1710-1750)	20	19500	100	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4892.00	-58.44	-30	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.01	-36	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	150 kHz-30 MHz	10 kHz	0.16	-63.64	-36	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	30 MHz-1000 MHz	100 kHz	755.37	-71.90	-36	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	1000 MHz-1705.0 0 MHz	1 MHz	1695.13	-41.45	-30	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	1775.00 MHz-3000 MHz	1 MHz	2618.21	-51.92	-30	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	12521.6 9	-55.21	-30	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	470 MHz-710 MHz	100 kHz	643.28	-74.25	-36	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	770 MHz-773 MHz	100 kHz	770.06	-74.10	-36	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	773 MHz-803 MHz	1 MHz	795.83	-64.60	-50	PASS

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Band3(1710-1750)	20	19500	1	#0	QAM16	860 MHz-890 MHz	1 MHz	881.72	-64.58	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	945 MHz-960 MHz	1 MHz	950.30	-64.68	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1480.45	-63.27	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1497.69	-63.29	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1842.60	-61.85	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1878.08	-62.88	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1908.56	-62.57	-30	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1915.47	-62.51	-30	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2011.80	-61.88	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2110.41	-62.10	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2146.86	-62.27	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2366.16	-62.09	-30	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3400.50	-58.01	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3462.12	-57.19	-30	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3572.26	-58.09	-50	PASS

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						MHz					
Band3(1710-1750)	20	19500	1	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3585.43	-57.88	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3595.28	-57.79	-50	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3668.00	-57.98	-30	PASS
Band3(1710-1750)	20	19500	1	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4897.60	-58.48	-30	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.16	-36	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	150 kHz-30 MHz	10 kHz	0.16	-63.31	-36	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	30 MHz-1000 MHz	100 kHz	778.06	-71.90	-36	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	1000 MHz-1705.0 0 MHz	1 MHz	1704.30	-53.48	-30	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	1775.00 MHz-3000 MHz	1 MHz	1784.19	-39.51	-30	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	3000 MHz-12.75 GHz	1 MHz	3498.06	-53.79	-30	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	470 MHz-710 MHz	100 kHz	666.56	-74.52	-36	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	770 MHz-773 MHz	100 kHz	771.29	-74.06	-36	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	773 MHz-803 MHz	1 MHz	789.50	-64.56	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	860 MHz-890 MHz	1 MHz	888.47	-64.59	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	945 MHz-960 MHz	1 MHz	947.51	-64.69	-50	PASS

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Band3(1710-1750)	20	19500	1	#Max	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1483.66	-63.19	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1498.33	-63.28	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	1805 MHz-1845 MHz	1 MHz	1841.28	-62.01	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	1845 MHz-1880 MHz	1 MHz	1875.00	-62.76	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	1906.6 MHz-1910 MHz	1 MHz	1907.10	-62.71	-30	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	1910 MHz-1915.7 MHz	1 MHz	1915.37	-62.64	-30	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	2010 MHz-2025 MHz	1 MHz	2016.00	-61.94	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	2110 MHz-2144.4 MHz	1 MHz	2112.96	-62.02	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	2144.4 MHz-2170 MHz	1 MHz	2146.65	-62.27	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	2330 MHz-2370 MHz	1 MHz	2367.76	-62.09	-30	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	3400 MHz-3419.3 MHz	1 MHz	3401.62	-57.98	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3497.69	-53.16	-30	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3569.74	-57.97	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3584.95	-57.79	-50	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	3590.3 MHz-3600 MHz	1 MHz	3594.54	-57.82	-50	PASS

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						MHz					
Band3(1710-1750)	20	19500	1	#Max	QAM16	3600 MHz-4100 MHz	1 MHz	3678.00	-57.91	-30	PASS
Band3(1710-1750)	20	19500	1	#Max	QAM16	4500 MHz-4900 MHz	1 MHz	4892.80	-58.43	-30	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-60.29	-36	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	150 kHz-30 MHz	10 kHz	0.17	-65.16	-36	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	30 MHz-1000 MHz	100 kHz	764.78	-71.99	-36	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	1000 MHz-1705.0 0 MHz	1 MHz	1705.00	-47.18	-30	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	1775.00 MHz-3000 MHz	1 MHz	1776.02	-47.94	-30	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	12546.0 6	-55.20	-30	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	470 MHz-710 MHz	100 kHz	659.36	-74.40	-36	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	770 MHz-773 MHz	100 kHz	772.54	-74.25	-36	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	773 MHz-803 MHz	1 MHz	798.23	-64.66	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	860 MHz-890 MHz	1 MHz	888.02	-64.67	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	945 MHz-960 MHz	1 MHz	945.09	-64.83	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1487.10	-63.47	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1499.33	-63.54	-50	PASS

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Band3(1710-1750)	20	19500	100	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1842.56	-62.16	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1879.41	-63.17	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1909.82	-62.85	-30	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1915.68	-62.82	-30	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2016.20	-62.29	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2114.95	-62.31	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2144.96	-62.50	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2368.28	-62.18	-30	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3400.37	-58.00	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3420.03	-58.32	-30	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3573.29	-58.06	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3587.01	-57.85	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3592.81	-57.80	-50	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3669.50	-58.00	-30	PASS
Band3(1710-1750)	20	19500	100	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4897.60	-58.41	-30	PASS

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						MHz					
Band3(1750-1785)	5	19625	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.87	-36	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.18	-36	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	819.10	-72.05	-36	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	1000 MHz-1740.0 0 MHz	1 MHz	1740.00	-50.50	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	1765.00 MHz-3000 MHz	1 MHz	1767.06	-50.70	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	3500.50	-53.40	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	470 MHz-710 MHz	100 kHz	470.72	-74.05	-36	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	770 MHz-773 MHz	100 kHz	772.71	-73.78	-36	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	773 MHz-803 MHz	100 kHz	799.28	-73.77	-36	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	860 MHz-890 MHz	1 MHz	863.60	-64.44	-50	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	945 MHz-960 MHz	100 kHz	955.55	-74.06	-36	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1491.43	-63.10	-50	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1510.31	-63.19	-50	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1844.92	-62.60	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1847.14	-61.92	-50	PASS

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Band3(1750-1785)	5	19625	1	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1907.12	-62.47	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1914.61	-62.41	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2012.01	-61.62	-50	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2121.87	-61.77	-50	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2148.50	-62.04	-50	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2365.20	-62.01	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3402.45	-58.02	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3500.62	-52.75	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3500.77	-52.85	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3585.32	-57.90	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3595.19	-57.76	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3661.50	-58.22	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4890.40	-58.65	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.83	-36	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.17	-65.58	-36	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	30	100	956.35	-71.72	-36	PASS

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)						MHz-1000 MHz	kHz				
Band3(1750-1785)	5	19625	1	#Max	QPSK	1000 MHz-1740.0 0 MHz	1 MHz	1737.78	-50.86	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	1765.00 MHz-3000 MHz	1 MHz	1766.03	-50.54	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	3000 MHz-12.75 GHz	1 MHz	3509.44	-53.69	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	470 MHz-710 MHz	100 kHz	496.40	-74.32	-36	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	770 MHz-773 MHz	100 kHz	771.71	-73.85	-36	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	773 MHz-803 MHz	100 kHz	801.62	-73.77	-36	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	860 MHz-890 MHz	1 MHz	876.86	-64.36	-50	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	945 MHz-960 MHz	100 kHz	951.38	-73.83	-36	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1487.16	-63.07	-50	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1505.34	-63.18	-50	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	1805 MHz-1845 MHz	1 MHz	1845.00	-62.74	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	1845 MHz-1880 MHz	1 MHz	1846.37	-61.97	-50	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	1906.6 MHz-1910 MHz	1 MHz	1908.76	-62.42	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	1910 MHz-1915.7 MHz	1 MHz	1914.50	-62.27	-30	PASS

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Band3(1750-1785)	5	19625	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2017.67	-61.54	-50	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	2110 MHz-2144.4 MHz	1 MHz	2111.24	-61.77	-50	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	2144.4 MHz-2170 MHz	1 MHz	2146.06	-62.01	-50	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	2330 MHz-2370 MHz	1 MHz	2364.72	-61.95	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	3400 MHz-3419.3 MHz	1 MHz	3401.49	-57.99	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3420.20	-58.32	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3509.21	-53.39	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3586.03	-57.80	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	3590.3 MHz-3600 MHz	1 MHz	3597.20	-57.78	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	3600 MHz-4100 MHz	1 MHz	3670.50	-58.16	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QPSK	4500 MHz-4900 MHz	1 MHz	4894.00	-58.49	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.52	-36	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.08	-36	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	30 MHz-1000 MHz	100 kHz	841.31	-71.86	-36	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	1000 MHz-1740.0 0 MHz	1 MHz	1740.00	-47.57	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	1765.00	1	1766.03	-47.00	-30	PASS

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)						MHz-3000 MHz	MHz				
Band3(1750-1785)	5	19625	25	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	12515.1 9	-55.40	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	470 MHz-710 MHz	100 kHz	704.00	-74.26	-36	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	770 MHz-773 MHz	100 kHz	772.70	-73.86	-36	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	773 MHz-803 MHz	100 kHz	785.96	-73.96	-36	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	860 MHz-890 MHz	1 MHz	881.57	-64.49	-50	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	945 MHz-960 MHz	100 kHz	955.95	-74.06	-36	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1476.02	-63.40	-50	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1506.60	-63.41	-50	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1845.00	-62.80	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1848.40	-62.14	-50	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1909.54	-62.71	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1914.20	-62.60	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2012.97	-61.90	-50	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2113.16	-62.03	-50	PASS

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Band3(1750-1785)	5	19625	25	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2163.14	-62.26	-50	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2369.44	-62.00	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3401.31	-58.06	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3419.87	-58.27	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3504.92	-57.11	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3585.78	-57.75	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3593.79	-57.76	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3677.00	-58.22	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4894.00	-58.56	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.78	-36	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	150 kHz-30 MHz	10 kHz	0.18	-63.72	-36	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	30 MHz-1000 MHz	100 kHz	967.51	-72.08	-36	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	1000 MHz-1740.0 0 MHz	1 MHz	1740.00	-51.05	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	1765.00 MHz-3000 MHz	1 MHz	1766.03	-51.24	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	3500.50	-54.02	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	470	100	473.36	-74.24	-36	PASS

Report

)						MHz-710 MHz	kHz				
Band3(1750-1785)	5	19625	1	#0	QAM16	770 MHz-773 MHz	100 kHz	772.87	-74.04	-36	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	773 MHz-803 MHz	100 kHz	788.57	-74.04	-36	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	860 MHz-890 MHz	1 MHz	864.80	-64.47	-50	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	945 MHz-960 MHz	100 kHz	946.67	-73.98	-36	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1487.64	-63.40	-50	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1510.14	-63.42	-50	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1844.92	-62.90	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1845.88	-62.19	-50	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1907.23	-62.59	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1914.87	-62.59	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2012.55	-61.95	-50	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2121.35	-62.02	-50	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2160.48	-62.22	-50	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2367.16	-62.06	-30	PASS

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Band3(1750-1785)	5	19625	1	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3404.55	-57.97	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3500.62	-53.56	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3500.77	-53.59	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3588.77	-57.75	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3596.29	-57.77	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3667.00	-58.23	-30	PASS
Band3(1750-1785)	5	19625	1	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4892.00	-58.60	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.29	-36	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	150 kHz-30 MHz	10 kHz	0.16	-62.53	-36	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	30 MHz-1000 MHz	100 kHz	898.44	-72.03	-36	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	1000 MHz-1740.0 0 MHz	1 MHz	1740.00	-51.35	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	1765.00 MHz-3000 MHz	1 MHz	1766.03	-51.25	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	3000 MHz-12.75 GHz	1 MHz	3509.44	-54.72	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	470 MHz-710 MHz	100 kHz	700.40	-74.30	-36	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	770 MHz-773 MHz	100 kHz	772.54	-73.98	-36	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	773	100	775.46	-73.93	-36	PASS

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)						MHz-803 MHz	kHz				
Band3(1750-1785)	5	19625	1	#Max	QAM16	860 MHz-890 MHz	1 MHz	884.93	-64.40	-50	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	945 MHz-960 MHz	100 kHz	948.24	-74.06	-36	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1480.29	-63.30	-50	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1500.46	-63.34	-50	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	1805 MHz-1845 MHz	1 MHz	1844.88	-62.94	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	1845 MHz-1880 MHz	1 MHz	1846.68	-62.19	-50	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	1906.6 MHz-1910 MHz	1 MHz	1909.03	-62.67	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	1910 MHz-1915.7 MHz	1 MHz	1911.69	-62.54	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	2010 MHz-2025 MHz	1 MHz	2012.21	-61.86	-50	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	2110 MHz-2144.4 MHz	1 MHz	2128.68	-62.02	-50	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	2144.4 MHz-2170 MHz	1 MHz	2144.68	-62.18	-50	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	2330 MHz-2370 MHz	1 MHz	2369.68	-62.04	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	3400 MHz-3419.3 MHz	1 MHz	3401.27	-57.96	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3422.07	-58.28	-30	PASS

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Band3(1750-1785)	5	19625	1	#Max	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3509.28	-53.96	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3587.60	-57.80	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	3590.3 MHz-3600 MHz	1 MHz	3598.32	-57.70	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	3600 MHz-4100 MHz	1 MHz	3672.50	-58.17	-30	PASS
Band3(1750-1785)	5	19625	1	#Max	QAM16	4500 MHz-4900 MHz	1 MHz	4897.60	-58.53	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.43	-36	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	150 kHz-30 MHz	10 kHz	0.16	-64.61	-36	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	30 MHz-1000 MHz	100 kHz	829.57	-71.68	-36	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	1000 MHz-1740.0 0 MHz	1 MHz	1740.00	-48.39	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	1765.00 MHz-3000 MHz	1 MHz	1766.03	-48.75	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	12525.7 5	-55.37	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	470 MHz-710 MHz	100 kHz	480.08	-74.32	-36	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	770 MHz-773 MHz	100 kHz	772.27	-73.99	-36	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	773 MHz-803 MHz	100 kHz	802.31	-73.99	-36	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	860 MHz-890 MHz	1 MHz	861.89	-64.62	-50	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	945	100	947.84	-74.00	-36	PASS

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)						MHz-960 MHz	kHz				
Band3(1750-1785)	5	19625	25	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1487.24	-63.61	-50	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1502.53	-63.64	-50	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1844.92	-63.07	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1846.51	-62.44	-50	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1908.38	-62.83	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1913.12	-62.82	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2020.29	-62.20	-50	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2113.72	-62.21	-50	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2144.43	-62.35	-50	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2361.76	-62.21	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3400.89	-57.98	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3425.08	-58.32	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3505.21	-57.29	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3583.81	-57.82	-30	PASS

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Band3(1750-1785)	5	19625	25	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3594.81	-57.74	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3667.00	-58.21	-30	PASS
Band3(1750-1785)	5	19625	25	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4900.00	-58.35	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.16	-36	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	150 kHz-30 MHz	10 kHz	0.17	-64.61	-36	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	879.53	-71.83	-36	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	1000 MHz-1755.0 0 MHz	1 MHz	1755.00	-51.06	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	1780.00 MHz-3000 MHz	1 MHz	2625.87	-51.81	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	3530.56	-53.45	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	470 MHz-710 MHz	100 kHz	696.32	-74.20	-36	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	770 MHz-773 MHz	100 kHz	771.10	-73.54	-36	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	773 MHz-803 MHz	100 kHz	796.22	-73.72	-36	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	860 MHz-890 MHz	1 MHz	875.87	-64.31	-50	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	945 MHz-960 MHz	100 kHz	947.48	-73.69	-36	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1491.24	-63.11	-50	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	1496.6	1	1510.76	-63.07	-50	PASS

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)						MHz-1510.9 MHz	MHz				
Band3(1750-1785)	5	19775	1	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1828.68	-62.70	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1863.80	-62.27	-50	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1908.21	-62.41	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1913.39	-62.27	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2012.37	-61.54	-50	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2111.10	-61.77	-50	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2145.88	-61.92	-50	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2368.08	-61.89	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3403.72	-57.97	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3421.82	-58.29	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3530.60	-52.96	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3590.10	-57.78	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3597.18	-57.66	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3670.00	-58.16	-30	PASS

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Band3(1750-1785)	5	19775	1	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4887.60	-58.55	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-57.50	-36	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.10	-36	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	913.67	-72.04	-36	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	1000 MHz-1755.0 0 MHz	1 MHz	1755.00	-51.66	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	1780.00 MHz-3000 MHz	1 MHz	2628.92	-51.72	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	3000 MHz-12.75 GHz	1 MHz	3539.50	-54.78	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	470 MHz-710 MHz	100 kHz	694.88	-74.04	-36	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	770 MHz-773 MHz	100 kHz	772.59	-73.77	-36	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	773 MHz-803 MHz	100 kHz	780.47	-73.64	-36	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	860 MHz-890 MHz	1 MHz	879.89	-64.27	-50	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	945 MHz-960 MHz	100 kHz	959.49	-73.88	-36	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1494.24	-63.06	-50	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1508.27	-63.12	-50	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	1805 MHz-1845 MHz	1 MHz	1807.48	-62.69	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	1845	1	1863.27	-62.25	-50	PASS

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)						MHz-1880 MHz	MHz				
Band3(1750-1785)	5	19775	1	#Max	QPSK	1906.6 MHz-1910 MHz	1 MHz	1908.61	-62.39	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	1910 MHz-1915.7 MHz	1 MHz	1915.35	-62.37	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2024.76	-61.56	-50	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	2110 MHz-2144.4 MHz	1 MHz	2116.30	-61.74	-50	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	2144.4 MHz-2170 MHz	1 MHz	2144.50	-61.93	-50	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	2330 MHz-2370 MHz	1 MHz	2365.64	-61.92	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	3400 MHz-3419.3 MHz	1 MHz	3404.57	-57.89	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3422.96	-58.24	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3539.33	-54.20	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3587.60	-57.76	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	3590.3 MHz-3600 MHz	1 MHz	3595.21	-57.68	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	3600 MHz-4100 MHz	1 MHz	3683.00	-58.12	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QPSK	4500 MHz-4900 MHz	1 MHz	4886.00	-58.50	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.10	-36	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	150 kHz-30	10	0.16	-63.59	-36	PASS

Report

)						MHz	kHz				
Band3(1750-1785)	5	19775	25	#0	QPSK	30 MHz-1000 MHz	100 kHz	809.78	-71.84	-36	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	1000 MHz-1755.0 0 MHz	1 MHz	1755.00	-48.58	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	1780.00 MHz-3000 MHz	1 MHz	1781.02	-49.97	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	12555.0 0	-55.32	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	470 MHz-710 MHz	100 kHz	707.12	-74.23	-36	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	770 MHz-773 MHz	100 kHz	772.75	-73.82	-36	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	773 MHz-803 MHz	100 kHz	792.98	-73.64	-36	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	860 MHz-890 MHz	1 MHz	886.04	-64.36	-50	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	945 MHz-960 MHz	100 kHz	950.25	-74.11	-36	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1492.44	-63.40	-50	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1502.12	-63.32	-50	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1831.60	-63.03	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1863.52	-62.56	-50	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1909.73	-62.63	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	1910	1	1913.27	-62.65	-30	PASS

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)						MHz-1915.7 MHz	MHz				
Band3(1750-1785)	5	19775	25	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2010.84	-61.88	-50	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2120.63	-61.98	-50	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2147.78	-62.09	-50	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2357.80	-62.02	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3400.41	-57.91	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3420.77	-58.23	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3533.56	-57.21	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3590.07	-57.76	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3596.46	-57.67	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3672.00	-57.97	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4895.20	-58.57	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-58.40	-36	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	150 kHz-30 MHz	10 kHz	0.16	-62.95	-36	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	30 MHz-1000 MHz	100 kHz	819.77	-72.10	-36	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	1000 MHz-1755.0 MHz	1 MHz	1755.00	-52.12	-30	PASS

						0 MHz					
Band3(1750-1785)	5	19775	1	#0	QAM16	1780.00 MHz-3000 MHz	1 MHz	2626.88	-51.78	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	3530.56	-54.43	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	470 MHz-710 MHz	100 kHz	697.76	-74.33	-36	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	770 MHz-773 MHz	100 kHz	772.28	-74.00	-36	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	773 MHz-803 MHz	100 kHz	776.21	-73.87	-36	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	860 MHz-890 MHz	1 MHz	888.41	-64.48	-50	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	945 MHz-960 MHz	100 kHz	951.51	-73.91	-36	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1493.35	-63.51	-50	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1503.84	-63.44	-50	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1828.24	-63.14	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1863.66	-62.62	-50	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1908.96	-62.77	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1911.13	-62.68	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2011.34	-62.03	-50	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	2110	1	2115.64	-62.10	-50	PASS

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)						MHz-2144.4 MHz	MHz				
Band3(1750-1785)	5	19775	1	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2147.57	-62.23	-50	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2366.28	-62.07	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3404.01	-57.98	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3421.01	-58.23	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3530.74	-53.92	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3588.83	-57.71	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3598.91	-57.68	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3673.50	-58.04	-30	PASS
Band3(1750-1785)	5	19775	1	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4897.20	-58.57	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	9 kHz-150 kHz	1 kHz	0.01	-58.93	-36	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	150 kHz-30 MHz	10 kHz	0.16	-63.18	-36	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	30 MHz-1000 MHz	100 kHz	816.19	-72.18	-36	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	1000 MHz-1755.0 0 MHz	1 MHz	1755.00	-52.29	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	1780.00 MHz-3000 MHz	1 MHz	2642.13	-51.83	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	3000 MHz-12.75 MHz	1 MHz	12574.5 0	-55.31	-30	PASS

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						GHz					
Band3(1750-1785)	5	19775	1	#Max	QAM16	470 MHz-710 MHz	100 kHz	658.40	-74.29	-36	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	770 MHz-773 MHz	100 kHz	770.19	-73.62	-36	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	773 MHz-803 MHz	100 kHz	792.17	-73.82	-36	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	860 MHz-890 MHz	1 MHz	871.70	-64.44	-50	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	945 MHz-960 MHz	100 kHz	953.07	-73.89	-36	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1490.58	-63.50	-50	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1507.78	-63.44	-50	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	1805 MHz-1845 MHz	1 MHz	1812.60	-63.04	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	1845 MHz-1880 MHz	1 MHz	1863.62	-62.59	-50	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	1906.6 MHz-1910 MHz	1 MHz	1907.47	-62.78	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	1910 MHz-1915.7 MHz	1 MHz	1913.14	-62.70	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	2010 MHz-2025 MHz	1 MHz	2019.23	-61.98	-50	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	2110 MHz-2144.4 MHz	1 MHz	2115.19	-62.08	-50	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	2144.4 MHz-2170 MHz	1 MHz	2148.78	-62.23	-50	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	2330	1	2368.24	-62.04	-30	PASS

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)						MHz-2370 MHz	MHz				
Band3(1750-1785)	5	19775	1	#Max	QAM16	3400 MHz-3419.3 MHz	1 MHz	3400.35	-57.90	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3419.38	-58.23	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3539.33	-54.87	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3584.57	-57.71	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	3590.3 MHz-3600 MHz	1 MHz	3596.22	-57.67	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	3600 MHz-4100 MHz	1 MHz	3675.50	-58.14	-30	PASS
Band3(1750-1785)	5	19775	1	#Max	QAM16	4500 MHz-4900 MHz	1 MHz	4894.80	-58.59	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-58.19	-36	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	150 kHz-30 MHz	10 kHz	0.16	-65.28	-36	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	30 MHz-1000 MHz	100 kHz	923.86	-71.83	-36	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	1000 MHz-1755.0 0 MHz	1 MHz	1755.00	-49.62	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	1780.00 MHz-3000 MHz	1 MHz	1781.02	-51.05	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	12524.9 4	-55.20	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	470 MHz-710 MHz	100 kHz	476.96	-74.28	-36	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	770 MHz-773 kHz	100 kHz	770.47	-74.06	-36	PASS

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						MHz					
Band3(1750-1785)	5	19775	25	#0	QAM16	773 MHz-803 MHz	100 kHz	793.01	-73.80	-36	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	860 MHz-890 MHz	1 MHz	879.68	-64.50	-50	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	945 MHz-960 MHz	100 kHz	957.65	-73.99	-36	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1490.25	-63.55	-50	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1506.72	-63.56	-50	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1843.08	-63.16	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1863.94	-62.73	-50	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1909.59	-62.83	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1912.92	-62.77	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2016.86	-62.09	-50	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2124.62	-62.12	-50	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2169.97	-62.31	-50	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2365.20	-62.12	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3406.00	-57.85	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	3419.3	1	3420.52	-58.24	-30	PASS

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)						MHz-3500.7 MHz	MHz				
Band3(1750-1785)	5	19775	25	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3535.11	-57.37	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3585.53	-57.73	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3599.68	-57.68	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3677.00	-58.06	-30	PASS
Band3(1750-1785)	5	19775	25	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4894.00	-58.59	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.47	-36	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.79	-36	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	909.79	-71.65	-36	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	1000 MHz-1770.0 0 MHz	1 MHz	1770.00	-49.38	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	1795.00 MHz-3000 MHz	1 MHz	2636.49	-51.77	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	3560.63	-51.28	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	470 MHz-710 MHz	100 kHz	477.44	-74.12	-36	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	770 MHz-773 MHz	100 kHz	772.63	-73.89	-36	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	773 MHz-803 MHz	100 kHz	787.73	-73.73	-36	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	860 MHz-890 MHz	1 MHz	882.80	-64.25	-50	PASS

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						MHz					
Band3(1750-1785)	5	19925	1	#0	QPSK	945 MHz-960 MHz	100 kHz	956.90	-73.94	-36	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1496.56	-63.24	-50	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1505.85	-63.05	-50	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1810.36	-62.57	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1877.55	-62.02	-50	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1909.49	-62.28	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1910.22	-62.34	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2011.82	-61.61	-50	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2110.48	-61.68	-50	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2145.58	-61.90	-50	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2366.68	-61.83	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3404.63	-57.95	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3427.85	-58.20	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3560.71	-51.04	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	3574.7	1	3585.82	-57.76	-30	PASS

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)						MHz-3590.3 MHz	MHz				
Band3(1750-1785)	5	19925	1	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3594.02	-57.67	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3671.50	-58.04	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4875.20	-58.57	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.42	-36	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.23	-36	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	756.43	-71.74	-36	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	1000 MHz-1770.0 0 MHz	1 MHz	1770.00	-50.05	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	1795.00 MHz-3000 MHz	1 MHz	2627.45	-51.74	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	3000 MHz-12.75 GHz	1 MHz	3569.56	-50.92	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	470 MHz-710 MHz	100 kHz	476.00	-73.96	-36	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	770 MHz-773 MHz	100 kHz	770.14	-73.80	-36	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	773 MHz-803 MHz	100 kHz	802.07	-73.82	-36	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	860 MHz-890 MHz	1 MHz	876.98	-64.28	-50	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	945 MHz-960 MHz	100 kHz	956.67	-73.81	-36	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1488.55	-63.28	-50	PASS

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						MHz					
Band3(1750-1785)	5	19925	1	#Max	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1505.84	-63.13	-50	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	1805 MHz-1845 MHz	1 MHz	1805.96	-62.54	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	1845 MHz-1880 MHz	1 MHz	1876.64	-62.04	-50	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	1906.6 MHz-1910 MHz	1 MHz	1907.06	-62.38	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	1910 MHz-1915.7 MHz	1 MHz	1915.45	-62.28	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2018.66	-61.57	-50	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	2110 MHz-2144.4 MHz	1 MHz	2115.81	-61.75	-50	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	2144.4 MHz-2170 MHz	1 MHz	2154.13	-61.87	-50	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	2330 MHz-2370 MHz	1 MHz	2360.68	-61.80	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	3400 MHz-3419.3 MHz	1 MHz	3403.67	-57.94	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3421.34	-58.24	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3569.37	-49.88	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3588.15	-57.76	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	3590.3 MHz-3600 MHz	1 MHz	3596.69	-57.64	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QPSK	3600	1	3672.50	-58.08	-30	PASS

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)						MHz-4100 MHz	MHz				
Band3(1750-1785)	5	19925	1	#Max	QPSK	4500 MHz-4900 MHz	1 MHz	4897.60	-58.98	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.89	-36	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	150 kHz-30 MHz	10 kHz	0.17	-64.02	-36	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	30 MHz-1000 MHz	100 kHz	893.88	-71.80	-36	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	1000 MHz-1770.0 0 MHz	1 MHz	1769.23	-46.05	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	1795.00 MHz-3000 MHz	1 MHz	2616.41	-51.81	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	12542.8 1	-55.21	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	470 MHz-710 MHz	100 kHz	691.76	-74.05	-36	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	770 MHz-773 MHz	100 kHz	772.05	-73.85	-36	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	773 MHz-803 MHz	100 kHz	798.62	-73.88	-36	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	860 MHz-890 MHz	1 MHz	887.39	-64.34	-50	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	945 MHz-960 MHz	100 kHz	957.21	-74.06	-36	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1491.26	-63.48	-50	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1503.22	-63.30	-50	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1805.76	-62.84	-30	PASS

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						MHz					
Band3(1750-1785)	5	19925	25	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1876.26	-62.16	-50	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1909.32	-62.59	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1911.11	-62.63	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2010.15	-61.84	-50	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2110.14	-61.95	-50	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2152.75	-62.12	-50	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2367.00	-61.99	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3406.10	-57.93	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3420.11	-58.15	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3565.01	-55.76	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3585.60	-57.73	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3594.45	-57.67	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3670.00	-58.04	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4900.00	-58.96	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	9 kHz-150	1	0.01	-59.99	-36	PASS

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)						kHz	kHz				
Band3(1750-1785)	5	19925	1	#0	QAM16	150 kHz-30 MHz	10 kHz	0.16	-63.69	-36	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	30 MHz-1000 MHz	100 kHz	886.03	-71.38	-36	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	1000 MHz-1770.0 0 MHz	1 MHz	1770.00	-49.85	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	1795.00 MHz-3000 MHz	1 MHz	2622.43	-51.79	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	3560.63	-52.55	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	470 MHz-710 MHz	100 kHz	681.92	-74.27	-36	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	770 MHz-773 MHz	100 kHz	770.98	-73.84	-36	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	773 MHz-803 MHz	100 kHz	774.08	-73.72	-36	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	860 MHz-890 MHz	1 MHz	865.25	-64.41	-50	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	945 MHz-960 MHz	100 kHz	946.68	-73.83	-36	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1478.22	-63.34	-50	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1507.22	-63.26	-50	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1812.92	-62.81	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1876.05	-62.17	-50	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1909.87	-62.55	-30	PASS

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						MHz					
Band3(1750-1785)	5	19925	1	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1911.36	-62.55	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2019.44	-61.83	-50	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2110.89	-61.85	-50	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2146.22	-62.10	-50	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2360.20	-61.98	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3400.41	-57.83	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3421.25	-58.22	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3560.57	-51.96	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3579.68	-57.74	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3597.65	-57.62	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3672.00	-58.04	-30	PASS
Band3(1750-1785)	5	19925	1	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4890.80	-58.95	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.23	-36	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	150 kHz-30 MHz	10 kHz	0.16	-62.30	-36	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	30 MHz-1000 MHz	100 kHz	623.74	-71.92	-36	PASS

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Band3(1750-1785)	5	19925	1	#Max	QAM16	1000 MHz-1770.0 0 MHz	1 MHz	1769.23	-50.61	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	1795.00 MHz-3000 MHz	1 MHz	2628.46	-51.76	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	3000 MHz-12.75 GHz	1 MHz	3569.56	-51.84	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	470 MHz-710 MHz	100 kHz	706.16	-74.19	-36	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	770 MHz-773 MHz	100 kHz	770.00	-74.05	-36	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	773 MHz-803 MHz	100 kHz	800.54	-73.76	-36	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	860 MHz-890 MHz	1 MHz	876.80	-64.35	-50	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	945 MHz-960 MHz	100 kHz	948.72	-74.00	-36	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1493.85	-63.51	-50	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1510.87	-63.36	-50	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	1805 MHz-1845 MHz	1 MHz	1813.00	-62.88	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	1845 MHz-1880 MHz	1 MHz	1876.43	-62.21	-50	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	1906.6 MHz-1910 MHz	1 MHz	1907.41	-62.61	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	1910 MHz-1915.7 MHz	1 MHz	1911.07	-62.64	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	2010 MHz-2025 MHz	1 MHz	2016.14	-61.87	-50	PASS

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						MHz					
Band3(1750-1785)	5	19925	1	#Max	QAM16	2110 MHz-2144.4 MHz	1 MHz	2111.93	-61.88	-50	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	2144.4 MHz-2170 MHz	1 MHz	2145.55	-62.12	-50	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	2330 MHz-2370 MHz	1 MHz	2369.12	-62.00	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	3400 MHz-3419.3 MHz	1 MHz	3402.22	-57.98	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3420.60	-58.23	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3569.30	-50.91	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3586.38	-57.64	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	3590.3 MHz-3600 MHz	1 MHz	3597.73	-57.70	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	3600 MHz-4100 MHz	1 MHz	3667.50	-58.09	-30	PASS
Band3(1750-1785)	5	19925	1	#Max	QAM16	4500 MHz-4900 MHz	1 MHz	4898.40	-58.90	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-60.06	-36	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	150 kHz-30 MHz	10 kHz	0.17	-64.45	-36	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	30 MHz-1000 MHz	100 kHz	901.55	-71.59	-36	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	1000 MHz-1770.0 0 MHz	1 MHz	1770.00	-46.92	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	1795.00 MHz-3000 MHz	1 MHz	2626.45	-51.74	-30	PASS

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Band3(1750-1785)	5	19925	25	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	12543.6 3	-55.34	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	470 MHz-710 MHz	100 kHz	490.40	-74.53	-36	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	770 MHz-773 MHz	100 kHz	770.13	-74.08	-36	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	773 MHz-803 MHz	100 kHz	780.98	-73.97	-36	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	860 MHz-890 MHz	1 MHz	880.37	-64.45	-50	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	945 MHz-960 MHz	100 kHz	950.97	-74.12	-36	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1480.12	-63.65	-50	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1505.32	-63.58	-50	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1808.76	-63.13	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1876.01	-62.37	-50	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1906.95	-62.78	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1912.96	-62.83	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2010.57	-62.19	-50	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2114.30	-62.15	-50	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2146.01	-62.29	-50	PASS

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						MHz					
Band3(1750-1785)	5	19925	25	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2368.60	-62.12	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3400.68	-57.93	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3419.95	-58.14	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3564.86	-56.04	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3588.74	-57.71	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3594.73	-57.73	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3672.00	-58.08	-30	PASS
Band3(1750-1785)	5	19925	25	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4896.40	-58.86	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.74	-36	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-61.75	-36	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	766.23	-71.92	-36	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	1000 MHz-1725.0 0 MHz	1 MHz	1715.58	-37.53	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	1795.00 MHz-3000 MHz	1 MHz	2622.43	-51.82	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	3502.13	-53.15	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	470 MHz-710 MHz	100 kHz	479.60	-74.11	-36	PASS

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Band3(1750-1785)	20	19700	1	#0	QPSK	770 MHz-773 MHz	100 kHz	772.49	-73.72	-36	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	773 MHz-803 MHz	100 kHz	798.32	-73.77	-36	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	860 MHz-890 MHz	1 MHz	876.95	-64.33	-50	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	945 MHz-960 MHz	100 kHz	956.04	-73.89	-36	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1480.47	-63.09	-50	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1503.96	-63.13	-50	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1815.84	-62.68	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1847.07	-62.00	-50	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1909.30	-62.36	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1914.31	-62.33	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2013.71	-61.55	-50	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2115.88	-61.73	-50	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2145.22	-61.97	-50	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2367.00	-61.88	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3400.81	-57.80	-30	PASS

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						MHz					
Band3(1750-1785)	20	19700	1	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3419.71	-58.20	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3502.18	-52.62	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3588.72	-57.72	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3596.77	-57.65	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3661.50	-58.06	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4890.80	-59.00	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.16	-36	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.17	-64.44	-36	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	904.46	-71.98	-36	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	1000 MHz-1725.0 0 MHz	1 MHz	1703.25	-46.10	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	1795.00 MHz-3000 MHz	1 MHz	2616.41	-51.82	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	3000 MHz-12.75 GHz	1 MHz	3537.88	-54.63	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	470 MHz-710 MHz	100 kHz	685.52	-74.02	-36	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	770 MHz-773 MHz	100 kHz	771.67	-73.62	-36	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	773 MHz-803 MHz	100 kHz	792.20	-73.66	-36	PASS

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Band3(1750-1785)	20	19700	1	#Max	QPSK	860 MHz-890 MHz	1 MHz	882.35	-64.28	-50	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	945 MHz-960 MHz	100 kHz	956.52	-73.87	-36	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1496.48	-63.11	-50	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1510.10	-63.07	-50	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	1805 MHz-1845 MHz	1 MHz	1832.88	-62.57	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	1845 MHz-1880 MHz	1 MHz	1849.52	-62.05	-50	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	1906.6 MHz-1910 MHz	1 MHz	1907.94	-62.35	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	1910 MHz-1915.7 MHz	1 MHz	1912.57	-62.23	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2020.16	-61.55	-50	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	2110 MHz-2144.4 MHz	1 MHz	2113.58	-61.69	-50	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	2144.4 MHz-2170 MHz	1 MHz	2149.78	-61.86	-50	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	2330 MHz-2370 MHz	1 MHz	2360.88	-61.88	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	3400 MHz-3419.3 MHz	1 MHz	3419.03	-57.65	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3419.87	-58.26	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3537.85	-53.78	-30	PASS

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						MHz					
Band3(1750-1785)	20	19700	1	#Max	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3585.96	-57.74	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	3590.3 MHz-3600 MHz	1 MHz	3592.83	-57.66	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	3600 MHz-4100 MHz	1 MHz	3666.00	-58.00	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QPSK	4500 MHz-4900 MHz	1 MHz	4898.40	-58.94	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.28	-36	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.06	-36	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	30 MHz-1000 MHz	100 kHz	932.10	-72.27	-36	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	1000 MHz-1725.0 0 MHz	1 MHz	1725.00	-47.16	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	1795.00 MHz-3000 MHz	1 MHz	2616.41	-51.76	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	12496.5 0	-55.11	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	470 MHz-710 MHz	100 kHz	506.48	-74.27	-36	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	770 MHz-773 MHz	100 kHz	771.42	-73.75	-36	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	773 MHz-803 MHz	100 kHz	796.16	-73.72	-36	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	860 MHz-890 MHz	1 MHz	879.20	-64.42	-50	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	945 MHz-960 MHz	100 kHz	946.77	-73.77	-36	PASS

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Band3(1750-1785)	20	19700	100	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1495.34	-63.36	-50	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1506.82	-63.30	-50	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1829.52	-63.01	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1847.52	-62.21	-50	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1909.21	-62.59	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1913.76	-62.56	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2017.74	-61.80	-50	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2115.71	-61.94	-50	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2145.48	-62.13	-50	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2369.96	-61.97	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3405.19	-57.89	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3424.75	-58.17	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3574.70	-57.94	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3585.59	-57.70	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3599.70	-57.63	-30	PASS

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						MHz					
Band3(1750-1785)	20	19700	100	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3662.50	-58.14	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4899.20	-58.94	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.92	-36	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	150 kHz-30 MHz	10 kHz	0.16	-62.99	-36	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	30 MHz-1000 MHz	100 kHz	793.20	-72.12	-36	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	1000 MHz-1725.0 0 MHz	1 MHz	1715.58	-38.93	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	1795.00 MHz-3000 MHz	1 MHz	2641.51	-51.77	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	3502.13	-54.08	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	470 MHz-710 MHz	100 kHz	682.88	-74.25	-36	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	770 MHz-773 MHz	100 kHz	770.89	-73.94	-36	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	773 MHz-803 MHz	100 kHz	773.18	-73.85	-36	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	860 MHz-890 MHz	1 MHz	883.97	-64.42	-50	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	945 MHz-960 MHz	100 kHz	949.41	-73.95	-36	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1486.66	-63.28	-50	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1510.59	-63.35	-50	PASS

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Band3(1750-1785)	20	19700	1	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1831.12	-63.01	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1848.82	-62.22	-50	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1909.68	-62.56	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1912.50	-62.53	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2010.17	-61.88	-50	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2110.96	-61.94	-50	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2144.86	-62.13	-50	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2368.84	-61.95	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3402.07	-57.94	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3422.15	-58.20	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3502.11	-53.32	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3586.21	-57.70	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3590.46	-57.64	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3677.50	-58.07	-30	PASS
Band3(1750-1785)	20	19700	1	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4899.20	-58.97	-30	PASS

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						MHz					
Band3(1750-1785)	20	19700	1	#Max	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.67	-36	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	150 kHz-30 MHz	10 kHz	0.16	-64.82	-36	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	30 MHz-1000 MHz	100 kHz	938.89	-71.88	-36	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	1000 MHz-1725.0 0 MHz	1 MHz	1703.25	-47.07	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	1795.00 MHz-3000 MHz	1 MHz	2614.40	-51.80	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	3000 MHz-12.75 GHz	1 MHz	3537.88	-55.10	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	470 MHz-710 MHz	100 kHz	708.08	-74.09	-36	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	770 MHz-773 MHz	100 kHz	772.83	-73.72	-36	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	773 MHz-803 MHz	100 kHz	790.52	-73.92	-36	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	860 MHz-890 MHz	1 MHz	879.17	-64.41	-50	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	945 MHz-960 MHz	100 kHz	947.94	-73.97	-36	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1494.43	-63.39	-50	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1501.39	-63.26	-50	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	1805 MHz-1845 MHz	1 MHz	1832.44	-62.90	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	1845 MHz-1880 MHz	1 MHz	1847.17	-62.25	-50	PASS

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Band3(1750-1785)	20	19700	1	#Max	QAM16	1906.6 MHz-1910 MHz	1 MHz	1909.76	-62.65	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	1910 MHz-1915.7 MHz	1 MHz	1913.36	-62.60	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	2010 MHz-2025 MHz	1 MHz	2012.39	-61.90	-50	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	2110 MHz-2144.4 MHz	1 MHz	2110.62	-61.88	-50	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	2144.4 MHz-2170 MHz	1 MHz	2152.64	-62.11	-50	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	2330 MHz-2370 MHz	1 MHz	2369.76	-61.97	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	3400 MHz-3419.3 MHz	1 MHz	3403.96	-57.93	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3419.63	-58.23	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3537.77	-54.33	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3583.56	-57.72	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	3590.3 MHz-3600 MHz	1 MHz	3598.30	-57.65	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	3600 MHz-4100 MHz	1 MHz	3669.50	-58.06	-30	PASS
Band3(1750-1785)	20	19700	1	#Max	QAM16	4500 MHz-4900 MHz	1 MHz	4898.40	-59.01	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-58.44	-36	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	150 kHz-30 MHz	10 kHz	0.16	-65.68	-36	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	30	100	774.38	-72.23	-36	PASS

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)						MHz-1000 MHz	kHz				
Band3(1750-1785)	20	19700	100	#0	QAM16	1000 MHz-1725.0 0 MHz	1 MHz	1725.00	-47.26	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	1795.00 MHz-3000 MHz	1 MHz	2637.50	-51.79	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	12525.7 5	-55.33	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	470 MHz-710 MHz	100 kHz	493.76	-74.17	-36	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	770 MHz-773 MHz	100 kHz	771.87	-73.99	-36	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	773 MHz-803 MHz	100 kHz	802.19	-73.86	-36	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	860 MHz-890 MHz	1 MHz	873.41	-64.41	-50	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	945 MHz-960 MHz	100 kHz	948.39	-74.04	-36	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1481.36	-63.52	-50	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1508.90	-63.57	-50	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1844.28	-63.15	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1847.73	-62.40	-50	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1908.99	-62.79	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1914.50	-62.73	-30	PASS

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Band3(1750-1785)	20	19700	100	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2019.41	-62.10	-50	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2111.17	-62.16	-50	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2152.46	-62.31	-50	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2363.24	-62.07	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3400.54	-57.95	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3420.11	-58.20	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3573.52	-57.94	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3588.41	-57.71	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3599.00	-57.54	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3676.00	-57.88	-30	PASS
Band3(1750-1785)	20	19700	100	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4895.20	-58.98	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.24	-36	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-64.70	-36	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	976.43	-71.66	-36	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	1000 MHz-1732.5 0 MHz	1 MHz	1722.98	-36.94	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	1802.50	1	2637.76	-51.78	-30	PASS

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)						MHz-3000 MHz	MHz				
Band3(1750-1785)	20	19775	1	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	3517.56	-54.68	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	470 MHz-710 MHz	100 kHz	699.20	-74.03	-36	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	770 MHz-773 MHz	100 kHz	770.56	-73.64	-36	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	773 MHz-803 MHz	100 kHz	780.14	-73.80	-36	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	860 MHz-890 MHz	1 MHz	883.22	-64.32	-50	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	945 MHz-960 MHz	100 kHz	949.20	-73.84	-36	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1489.27	-63.07	-50	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1500.86	-63.11	-50	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1823.40	-62.66	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1870.80	-61.86	-50	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1909.24	-62.32	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1913.61	-62.31	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2010.83	-61.55	-50	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2112.00	-61.74	-50	PASS

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Band3(1750-1785)	20	19775	1	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2146.63	-61.93	-50	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2369.08	-61.80	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3403.78	-57.93	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3421.50	-58.19	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3517.20	-53.59	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3590.16	-57.66	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3591.29	-57.63	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3676.50	-58.09	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4898.00	-58.92	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.68	-36	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.17	-63.46	-36	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	770.21	-71.88	-36	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	1000 MHz-1732.5 0 MHz	1 MHz	1714.92	-41.18	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	1802.50 MHz-3000 MHz	1 MHz	2626.78	-51.76	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	3000 MHz-12.75 GHz	1 MHz	3552.50	-54.09	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	470	100	486.56	-74.10	-36	PASS

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)						MHz-710 MHz	kHz				
Band3(1750-1785)	20	19775	1	#Max	QPSK	770 MHz-773 MHz	100 kHz	773.00	-73.62	-36	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	773 MHz-803 MHz	100 kHz	791.00	-73.70	-36	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	860 MHz-890 MHz	1 MHz	888.11	-64.26	-50	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	945 MHz-960 MHz	100 kHz	946.43	-73.79	-36	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1494.82	-63.17	-50	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1501.40	-63.05	-50	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	1805 MHz-1845 MHz	1 MHz	1807.88	-62.61	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	1845 MHz-1880 MHz	1 MHz	1869.12	-61.91	-50	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	1906.6 MHz-1910 MHz	1 MHz	1909.46	-62.40	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	1910 MHz-1915.7 MHz	1 MHz	1912.35	-62.28	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2010.21	-61.60	-50	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	2110 MHz-2144.4 MHz	1 MHz	2115.47	-61.72	-50	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	2144.4 MHz-2170 MHz	1 MHz	2152.18	-61.94	-50	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	2330 MHz-2370 MHz	1 MHz	2367.92	-61.87	-30	PASS

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Band3(1750-1785)	20	19775	1	#Max	QPSK	3400 MHz-3419.3 MHz	1 MHz	3406.43	-57.47	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3421.25	-58.20	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3552.72	-53.14	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3589.86	-57.72	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	3590.3 MHz-3600 MHz	1 MHz	3598.72	-57.59	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	3600 MHz-4100 MHz	1 MHz	3671.50	-57.94	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QPSK	4500 MHz-4900 MHz	1 MHz	4887.20	-58.96	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-57.68	-36	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.05	-36	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	30 MHz-1000 MHz	100 kHz	967.12	-71.64	-36	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	1000 MHz-1732.5 0 MHz	1 MHz	1732.50	-47.63	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	1802.50 MHz-3000 MHz	1 MHz	2627.78	-51.75	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	12524.9 4	-55.10	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	470 MHz-710 MHz	100 kHz	473.12	-74.22	-36	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	770 MHz-773 MHz	100 kHz	772.18	-73.85	-36	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	773	100	799.31	-73.84	-36	PASS

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)						MHz-803 MHz	kHz				
Band3(1750-1785)	20	19775	100	#0	QPSK	860 MHz-890 MHz	1 MHz	874.58	-64.40	-50	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	945 MHz-960 MHz	100 kHz	953.69	-74.03	-36	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1492.89	-63.28	-50	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1503.72	-63.32	-50	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1840.28	-62.98	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1866.32	-62.11	-50	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1908.07	-62.57	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1915.56	-62.58	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2023.38	-61.90	-50	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2115.99	-61.91	-50	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2144.96	-62.14	-50	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2366.24	-61.93	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3409.61	-57.85	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3419.79	-58.19	-30	PASS

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Band3(1750-1785)	20	19775	100	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3571.00	-57.90	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3590.00	-57.70	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3596.60	-57.57	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3677.00	-57.98	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4898.80	-58.98	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.38	-36	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	150 kHz-30 MHz	10 kHz	0.16	-63.73	-36	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	30 MHz-1000 MHz	100 kHz	903.00	-71.94	-36	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	1000 MHz-1732.5 0 MHz	1 MHz	1722.98	-38.35	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	1802.50 MHz-3000 MHz	1 MHz	2630.77	-51.76	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	3517.56	-55.05	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	470 MHz-710 MHz	100 kHz	470.96	-74.15	-36	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	770 MHz-773 MHz	100 kHz	770.72	-73.91	-36	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	773 MHz-803 MHz	100 kHz	795.11	-73.79	-36	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	860 MHz-890 MHz	1 MHz	887.87	-64.30	-50	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	945	100	950.87	-73.99	-36	PASS

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)						MHz-960 MHz	kHz				
Band3(1750-1785)	20	19775	1	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1488.20	-63.28	-50	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1510.56	-63.32	-50	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1842.92	-62.91	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1868.56	-62.04	-50	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1907.97	-62.56	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1911.82	-62.56	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2013.51	-61.83	-50	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2110.24	-61.88	-50	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2147.45	-62.13	-50	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2367.48	-61.94	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3400.41	-57.90	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3420.93	-58.16	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3517.13	-53.75	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3582.97	-57.71	-30	PASS

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Band3(1750-1785)	20	19775	1	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3597.63	-57.62	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3673.50	-57.99	-30	PASS
Band3(1750-1785)	20	19775	1	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4869.20	-58.94	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.47	-36	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	150 kHz-30 MHz	10 kHz	0.17	-62.23	-36	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	30 MHz-1000 MHz	100 kHz	926.96	-71.98	-36	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	1000 MHz-1732.5 0 MHz	1 MHz	1714.92	-42.06	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	1802.50 MHz-3000 MHz	1 MHz	2611.81	-51.73	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	3000 MHz-12.75 GHz	1 MHz	3552.50	-54.81	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	470 MHz-710 MHz	100 kHz	703.76	-74.03	-36	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	770 MHz-773 MHz	100 kHz	772.22	-73.63	-36	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	773 MHz-803 MHz	100 kHz	796.04	-73.72	-36	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	860 MHz-890 MHz	1 MHz	868.46	-64.28	-50	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	945 MHz-960 MHz	100 kHz	952.23	-73.82	-36	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1495.42	-63.34	-50	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	1496.6	1	1504.92	-63.24	-50	PASS

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)						MHz-1510.9 MHz	MHz				
Band3(1750-1785)	20	19775	1	#Max	QAM16	1805 MHz-1845 MHz	1 MHz	1841.40	-62.78	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	1845 MHz-1880 MHz	1 MHz	1870.17	-61.98	-50	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	1906.6 MHz-1910 MHz	1 MHz	1908.16	-62.52	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	1910 MHz-1915.7 MHz	1 MHz	1915.44	-62.52	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	2010 MHz-2025 MHz	1 MHz	2022.05	-61.79	-50	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	2110 MHz-2144.4 MHz	1 MHz	2113.89	-61.88	-50	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	2144.4 MHz-2170 MHz	1 MHz	2150.65	-62.08	-50	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	2330 MHz-2370 MHz	1 MHz	2363.96	-61.97	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	3400 MHz-3419.3 MHz	1 MHz	3401.52	-57.90	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3422.72	-58.17	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3552.80	-53.61	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3589.55	-57.64	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	3590.3 MHz-3600 MHz	1 MHz	3598.65	-57.62	-30	PASS
Band3(1750-1785)	20	19775	1	#Max	QAM16	3600 MHz-4100 MHz	1 MHz	3681.00	-57.97	-30	PASS

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Band3(1750-1785)	20	19775	1	#Max	QAM16	4500 MHz-4900 MHz	1 MHz	4887.20	-58.96	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.83	-36	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	150 kHz-30 MHz	10 kHz	0.16	-63.51	-36	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	30 MHz-1000 MHz	100 kHz	782.91	-72.21	-36	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	1000 MHz-1732.5 0 MHz	1 MHz	1732.50	-48.20	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	1802.50 MHz-3000 MHz	1 MHz	2634.76	-51.72	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	12607.0 0	-55.22	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	470 MHz-710 MHz	100 kHz	683.36	-74.14	-36	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	770 MHz-773 MHz	100 kHz	771.06	-73.98	-36	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	773 MHz-803 MHz	100 kHz	776.00	-73.64	-36	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	860 MHz-890 MHz	1 MHz	879.20	-64.47	-50	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	945 MHz-960 MHz	100 kHz	953.76	-74.02	-36	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1492.73	-63.57	-50	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1497.74	-63.54	-50	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1842.64	-63.18	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	1845	1	1870.80	-62.24	-50	PASS

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)						MHz-1880 MHz	MHz				
Band3(1750-1785)	20	19775	100	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1906.80	-62.77	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1915.15	-62.73	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2012.34	-62.09	-50	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2118.22	-62.14	-50	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2146.93	-62.25	-50	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2338.04	-62.09	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3407.35	-57.93	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3420.77	-58.20	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3537.63	-57.94	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3580.94	-57.75	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3596.21	-57.64	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3662.00	-58.02	-30	PASS
Band3(1750-1785)	20	19775	100	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4900.00	-58.90	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.88	-36	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	150 kHz-30	10	0.16	-62.83	-36	PASS

Report

)						MHz	kHz				
Band3(1750-1785)	20	19850	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	809.78	-71.75	-36	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	1000 MHz-1740.0 0 MHz	1 MHz	1730.38	-35.54	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	1810.00 MHz-3000 MHz	1 MHz	2628.13	-51.71	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	3000 MHz-12.75 GHz	1 MHz	3532.19	-53.22	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	470 MHz-710 MHz	100 kHz	667.04	-74.06	-36	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	770 MHz-773 MHz	100 kHz	772.73	-73.60	-36	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	773 MHz-803 MHz	100 kHz	799.34	-73.67	-36	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	860 MHz-890 MHz	1 MHz	872.72	-64.22	-50	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	945 MHz-960 MHz	100 kHz	951.90	-73.89	-36	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1489.71	-63.04	-50	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1500.00	-63.02	-50	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1831.00	-62.61	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1875.21	-61.80	-50	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1907.98	-62.24	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	1910	1	1911.46	-62.26	-30	PASS

Report

)						MHz-1915.7 MHz	MHz				
Band3(1750-1785)	20	19850	1	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2012.58	-61.42	-50	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2126.86	-61.65	-50	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2155.51	-61.87	-50	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	2330 MHz-2370 MHz	1 MHz	2363.60	-61.82	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3404.59	-57.89	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3420.44	-58.19	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3532.22	-52.79	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3587.69	-57.63	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3599.78	-57.67	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3668.50	-58.00	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4899.60	-58.87	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.26	-36	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.43	-36	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	888.94	-71.80	-36	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	1000 MHz-1740.0 MHz	1 MHz	1722.24	-39.13	-30	PASS

Report

						0 MHz					
Band3(1750-1785)	20	19850	1	#Max	QPSK	1810.00 MHz-3000 MHz	1 MHz	2628.13	-51.72	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	3000 MHz-12.75 GHz	1 MHz	3567.94	-50.67	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	470 MHz-710 MHz	100 kHz	709.04	-73.90	-36	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	770 MHz-773 MHz	100 kHz	771.33	-73.78	-36	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	773 MHz-803 MHz	100 kHz	798.17	-73.70	-36	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	860 MHz-890 MHz	1 MHz	879.47	-64.24	-50	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	945 MHz-960 MHz	100 kHz	947.36	-73.75	-36	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1491.45	-63.20	-50	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1509.18	-62.95	-50	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	1805 MHz-1845 MHz	1 MHz	1815.68	-62.42	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	1845 MHz-1880 MHz	1 MHz	1872.65	-61.79	-50	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	1906.6 MHz-1910 MHz	1 MHz	1907.82	-62.36	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	1910 MHz-1915.7 MHz	1 MHz	1912.30	-62.34	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	2010 MHz-2025 MHz	1 MHz	2010.09	-61.58	-50	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	2110	1	2110.45	-61.63	-50	PASS

Report

)						MHz-2144.4 MHz	MHz				
Band3(1750-1785)	20	19850	1	#Max	QPSK	2144.4 MHz-2170 MHz	1 MHz	2152.36	-61.83	-50	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	2330 MHz-2370 MHz	1 MHz	2370.00	-61.84	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	3400 MHz-3419.3 MHz	1 MHz	3401.06	-57.89	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3419.38	-58.18	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3567.82	-49.92	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3584.03	-57.78	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	3590.3 MHz-3600 MHz	1 MHz	3594.94	-57.65	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	3600 MHz-4100 MHz	1 MHz	3676.00	-58.09	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QPSK	4500 MHz-4900 MHz	1 MHz	4888.80	-58.95	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-60.52	-36	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-63.95	-36	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	30 MHz-1000 MHz	100 kHz	924.44	-71.96	-36	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	1000 MHz-1740.0 0 MHz	1 MHz	1740.00	-45.41	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	1810.00 MHz-3000 MHz	1 MHz	2624.16	-51.79	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	3000 MHz-12.75 MHz	1 MHz	12547.6 9	-55.17	-30	PASS

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						GHz					
Band3(1750-1785)	20	19850	100	#0	QPSK	470 MHz-710 MHz	100 kHz	687.44	-74.14	-36	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	770 MHz-773 MHz	100 kHz	772.52	-73.81	-36	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	773 MHz-803 MHz	100 kHz	787.31	-73.85	-36	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	860 MHz-890 MHz	1 MHz	874.16	-64.36	-50	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	945 MHz-960 MHz	100 kHz	956.63	-73.97	-36	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	1475.9 MHz-1496.6 MHz	1 MHz	1491.26	-63.37	-50	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	1496.6 MHz-1510.9 MHz	1 MHz	1508.43	-63.31	-50	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	1805 MHz-1845 MHz	1 MHz	1805.28	-62.95	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	1845 MHz-1880 MHz	1 MHz	1872.23	-62.05	-50	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	1906.6 MHz-1910 MHz	1 MHz	1908.40	-62.64	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	1910 MHz-1915.7 MHz	1 MHz	1913.28	-62.61	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	2010 MHz-2025 MHz	1 MHz	2010.99	-61.90	-50	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	2110 MHz-2144.4 MHz	1 MHz	2111.20	-61.92	-50	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	2144.4 MHz-2170 MHz	1 MHz	2146.35	-62.09	-50	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	2330	1	2369.24	-61.97	-30	PASS

Report

)						MHz-2370 MHz	MHz				
Band3(1750-1785)	20	19850	100	#0	QPSK	3400 MHz-3419.3 MHz	1 MHz	3400.37	-57.94	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	3419.3 MHz-3500.7 MHz	1 MHz	3419.79	-58.19	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	3500.7 MHz-3574.7 MHz	1 MHz	3561.82	-57.85	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	3574.7 MHz-3590.3 MHz	1 MHz	3590.28	-57.64	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	3590.3 MHz-3600 MHz	1 MHz	3599.89	-57.62	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	3600 MHz-4100 MHz	1 MHz	3679.00	-57.98	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QPSK	4500 MHz-4900 MHz	1 MHz	4885.60	-58.91	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.62	-36	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	150 kHz-30 MHz	10 kHz	0.16	-64.20	-36	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	30 MHz-1000 MHz	100 kHz	870.21	-71.89	-36	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	1000 MHz-1740.0 0 MHz	1 MHz	1730.38	-37.50	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	1810.00 MHz-3000 MHz	1 MHz	2635.07	-51.78	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	3532.19	-53.93	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	470 MHz-710 MHz	100 kHz	479.36	-74.19	-36	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	770 MHz-773 kHz	100 kHz	771.05	-73.77	-36	PASS

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						MHz					
Band3(1750-1785)	20	19850	1	#0	QAM16	773 MHz-803 MHz	100 kHz	801.26	-73.70	-36	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	860 MHz-890 MHz	1 MHz	887.63	-64.31	-50	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	945 MHz-960 MHz	100 kHz	947.42	-73.82	-36	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1489.71	-63.26	-50	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1496.84	-63.20	-50	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1829.68	-62.90	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1874.05	-61.96	-50	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1907.83	-62.53	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1914.25	-62.52	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2013.51	-61.72	-50	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2114.85	-61.92	-50	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2147.75	-62.08	-50	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2351.64	-61.93	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3402.16	-57.90	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	3419.3	1	3420.36	-58.12	-30	PASS

Report

)						MHz-3500.7 MHz	MHz				
Band3(1750-1785)	20	19850	1	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3532.22	-53.48	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3580.86	-57.66	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3593.11	-57.62	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	3600 MHz-4100 MHz	1 MHz	3667.50	-58.04	-30	PASS
Band3(1750-1785)	20	19850	1	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4890.00	-58.99	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.30	-36	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	150 kHz-30 MHz	10 kHz	0.17	-64.41	-36	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	30 MHz-1000 MHz	100 kHz	923.86	-71.98	-36	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	1000 MHz-1740.0 0 MHz	1 MHz	1722.24	-39.90	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	1810.00 MHz-3000 MHz	1 MHz	2627.13	-51.74	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	3000 MHz-12.75 GHz	1 MHz	3567.94	-51.24	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	470 MHz-710 MHz	100 kHz	701.12	-74.15	-36	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	770 MHz-773 MHz	100 kHz	772.86	-73.92	-36	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	773 MHz-803 MHz	100 kHz	779.36	-73.89	-36	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	860 MHz-890 MHz	1 MHz	880.31	-64.18	-50	PASS

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						MHz					
Band3(1750-1785)	20	19850	1	#Max	QAM16	945 MHz-960 MHz	100 kHz	949.50	-73.79	-36	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1494.96	-63.38	-50	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1507.85	-63.22	-50	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	1805 MHz-1845 MHz	1 MHz	1812.04	-62.73	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	1845 MHz-1880 MHz	1 MHz	1871.78	-62.02	-50	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	1906.6 MHz-1910 MHz	1 MHz	1909.07	-62.54	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	1910 MHz-1915.7 MHz	1 MHz	1913.44	-62.52	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	2010 MHz-2025 MHz	1 MHz	2013.20	-61.63	-50	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	2110 MHz-2144.4 MHz	1 MHz	2122.83	-61.85	-50	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	2144.4 MHz-2170 MHz	1 MHz	2146.09	-62.02	-50	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	2330 MHz-2370 MHz	1 MHz	2365.16	-61.94	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	3400 MHz-3419.3 MHz	1 MHz	3400.83	-57.94	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3425.16	-58.19	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3567.74	-50.62	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	3574.7	1	3589.85	-57.71	-30	PASS

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)						MHz-3590.3 MHz	MHz				
Band3(1750-1785)	20	19850	1	#Max	QAM16	3590.3 MHz-3600 MHz	1 MHz	3591.93	-57.60	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	3600 MHz-4100 MHz	1 MHz	3668.50	-58.07	-30	PASS
Band3(1750-1785)	20	19850	1	#Max	QAM16	4500 MHz-4900 MHz	1 MHz	4899.60	-58.79	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-60.18	-36	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	150 kHz-30 MHz	10 kHz	0.16	-64.33	-36	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	30 MHz-1000 MHz	100 kHz	775.74	-72.09	-36	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	1000 MHz-1740.0 0 MHz	1 MHz	1740.00	-46.63	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	1810.00 MHz-3000 MHz	1 MHz	2638.04	-51.81	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	3000 MHz-12.75 GHz	1 MHz	12523.3 1	-55.06	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	470 MHz-710 MHz	100 kHz	476.72	-74.30	-36	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	770 MHz-773 MHz	100 kHz	772.13	-73.72	-36	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	773 MHz-803 MHz	100 kHz	800.42	-73.72	-36	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	860 MHz-890 MHz	1 MHz	873.95	-64.48	-50	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	945 MHz-960 MHz	100 kHz	956.30	-73.99	-36	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	1475.9 MHz-1496.6 MHz	1 MHz	1493.83	-63.54	-50	PASS

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						MHz					
Band3(1750-1785)	20	19850	100	#0	QAM16	1496.6 MHz-1510.9 MHz	1 MHz	1499.23	-63.52	-50	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	1805 MHz-1845 MHz	1 MHz	1812.00	-63.11	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	1845 MHz-1880 MHz	1 MHz	1875.07	-62.11	-50	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	1906.6 MHz-1910 MHz	1 MHz	1908.39	-62.77	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	1910 MHz-1915.7 MHz	1 MHz	1911.87	-62.77	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	2010 MHz-2025 MHz	1 MHz	2023.67	-62.11	-50	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	2110 MHz-2144.4 MHz	1 MHz	2115.02	-62.17	-50	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	2144.4 MHz-2170 MHz	1 MHz	2145.63	-62.30	-50	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	2330 MHz-2370 MHz	1 MHz	2365.40	-62.09	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	3400 MHz-3419.3 MHz	1 MHz	3405.35	-57.91	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	3419.3 MHz-3500.7 MHz	1 MHz	3419.79	-58.14	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	3500.7 MHz-3574.7 MHz	1 MHz	3550.58	-57.75	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	3574.7 MHz-3590.3 MHz	1 MHz	3585.06	-57.72	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	3590.3 MHz-3600 MHz	1 MHz	3599.45	-57.66	-30	PASS
Band3(1750-1785)	20	19850	100	#0	QAM16	3600	1	3667.50	-57.97	-30	PASS

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)						MHz-4100 MHz	MHz				
Band3(1750-1785)	20	19850	100	#0	QAM16	4500 MHz-4900 MHz	1 MHz	4898.80	-58.96	-30	PASS
Band41(2545-265 5)	5	40165	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-57.97	-13	PASS
Band41(2545-265 5)	5	40165	1	#0	QPSK	150 kHz-30 MHz	10 kHz	0.15	-63.06	-13	PASS
Band41(2545-265 5)	5	40165	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	806.78	-72.01	-13	PASS
Band41(2545-265 5)	5	40165	1	#0	QPSK	1000 MHz-2505 MHz	1 MHz	2505.00	-51.08	-13	PASS
Band41(2545-265 5)	5	40165	1	#0	QPSK	2505 MHz-2530 MHz	1 MHz	2529.93	-47.05	-30	PASS
Band41(2545-265 5)	5	40165	1	#0	QPSK	2530 MHz-2535 MHz	1 MHz	2534.98	-44.55	-25	PASS
Band41(2545-265 5)	5	40165	1	#0	QPSK	2535 MHz-2655 MHz	1 MHz	2560.44	-47.65	-30	PASS
Band41(2545-265 5)	5	40165	1	#0	QPSK	2655 MHz-3000 MHz	1 MHz	2748.15	-51.56	-13	PASS
Band41(2545-265 5)	5	40165	1	#0	QPSK	3000 MHz-13.5 GHz	1 MHz	12523.5 0	-45.48	-13	PASS
Band41(2545-265 5)	5	40165	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.62	-13	PASS
Band41(2545-265 5)	5	40165	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.15	-64.06	-13	PASS
Band41(2545-265 5)	5	40165	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	803.87	-72.19	-13	PASS
Band41(2545-265 5)	5	40165	1	#Max	QPSK	1000 MHz-2505 MHz	1 MHz	2503.50	-50.90	-13	PASS
Band41(2545-265 5)	5	40165	1	#Max	QPSK	2505 MHz-2530 MHz	1 MHz	2523.43	-49.76	-30	PASS
Band41(2545-265 5)	5	40165	1	#Max	QPSK	2530 MHz	1	2534.87	-46.87	-25	PASS

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5)						MHz-2535 MHz	MHz				
Band41(2545-265 5)	5	40165	1	#Max	QPSK	2535 MHz-2655 MHz	1 MHz	2560.56	-47.22	-30	PASS
Band41(2545-265 5)	5	40165	1	#Max	QPSK	2655 MHz-3000 MHz	1 MHz	2746.08	-51.56	-13	PASS
Band41(2545-265 5)	5	40165	1	#Max	QPSK	3000 MHz-13.5 GHz	1 MHz	12555.0 0	-45.57	-13	PASS
Band41(2545-265 5)	5	40165	25	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-57.46	-13	PASS
Band41(2545-265 5)	5	40165	25	#0	QPSK	150 kHz-30 MHz	10 kHz	0.15	-62.69	-13	PASS
Band41(2545-265 5)	5	40165	25	#0	QPSK	30 MHz-1000 MHz	100 kHz	878.94	-72.06	-13	PASS
Band41(2545-265 5)	5	40165	25	#0	QPSK	1000 MHz-2505 MHz	1 MHz	2501.99	-51.61	-13	PASS
Band41(2545-265 5)	5	40165	25	#0	QPSK	2505 MHz-2530 MHz	1 MHz	2529.13	-50.66	-30	PASS
Band41(2545-265 5)	5	40165	25	#0	QPSK	2530 MHz-2535 MHz	1 MHz	2534.66	-49.22	-25	PASS
Band41(2545-265 5)	5	40165	25	#0	QPSK	2535 MHz-2655 MHz	1 MHz	2561.04	-49.80	-30	PASS
Band41(2545-265 5)	5	40165	25	#0	QPSK	2655 MHz-3000 MHz	1 MHz	2736.42	-51.55	-13	PASS
Band41(2545-265 5)	5	40165	25	#0	QPSK	3000 MHz-13.5 GHz	1 MHz	12544.5 0	-45.59	-13	PASS
Band41(2545-265 5)	5	40165	1	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-58.04	-13	PASS
Band41(2545-265 5)	5	40165	1	#0	QAM16	150 kHz-30 MHz	10 kHz	0.15	-62.39	-13	PASS
Band41(2545-265 5)	5	40165	1	#0	QAM16	30 MHz-1000 MHz	100 kHz	758.28	-72.11	-13	PASS
Band41(2545-265 5)	5	40165	1	#0	QAM16	1000	1	2501.99	-50.37	-13	PASS

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5)						MHz-2505 MHz	MHz				
Band41(2545-265 5)	5	40165	1	#0	QAM16	2505 MHz-2530 MHz	1 MHz	2529.98	-48.58	-30	PASS
Band41(2545-265 5)	5	40165	1	#0	QAM16	2530 MHz-2535 MHz	1 MHz	2535.00	-46.44	-25	PASS
Band41(2545-265 5)	5	40165	1	#0	QAM16	2535 MHz-2655 MHz	1 MHz	2535.00	-46.70	-30	PASS
Band41(2545-265 5)	5	40165	1	#0	QAM16	2655 MHz-3000 MHz	1 MHz	2732.63	-51.56	-13	PASS
Band41(2545-265 5)	5	40165	1	#0	QAM16	3000 MHz-13.5 GHz	1 MHz	12544.5 0	-45.61	-13	PASS
Band41(2545-265 5)	5	40165	1	#Max	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.20	-13	PASS
Band41(2545-265 5)	5	40165	1	#Max	QAM16	150 kHz-30 MHz	10 kHz	0.15	-60.86	-13	PASS
Band41(2545-265 5)	5	40165	1	#Max	QAM16	30 MHz-1000 MHz	100 kHz	939.76	-71.77	-13	PASS
Band41(2545-265 5)	5	40165	1	#Max	QAM16	1000 MHz-2505 MHz	1 MHz	2498.98	-51.34	-13	PASS
Band41(2545-265 5)	5	40165	1	#Max	QAM16	2505 MHz-2530 MHz	1 MHz	2523.75	-49.24	-30	PASS
Band41(2545-265 5)	5	40165	1	#Max	QAM16	2530 MHz-2535 MHz	1 MHz	2534.85	-48.32	-25	PASS
Band41(2545-265 5)	5	40165	1	#Max	QAM16	2535 MHz-2655 MHz	1 MHz	2560.08	-46.51	-30	PASS
Band41(2545-265 5)	5	40165	1	#Max	QAM16	2655 MHz-3000 MHz	1 MHz	2752.29	-51.57	-13	PASS
Band41(2545-265 5)	5	40165	1	#Max	QAM16	3000 MHz-13.5 GHz	1 MHz	12523.5 0	-45.55	-13	PASS
Band41(2545-265 5)	5	40165	25	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-58.46	-13	PASS

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Band41(2545-2655)	5	40165	25	#0	QAM16	150 kHz-30 MHz	10 kHz	0.15	-61.48	-13	PASS
Band41(2545-2655)	5	40165	25	#0	QAM16	30 MHz-1000 MHz	100 kHz	925.80	-72.01	-13	PASS
Band41(2545-2655)	5	40165	25	#0	QAM16	1000 MHz-2505 MHz	1 MHz	2491.46	-51.73	-13	PASS
Band41(2545-2655)	5	40165	25	#0	QAM16	2505 MHz-2530 MHz	1 MHz	2527.95	-50.99	-30	PASS
Band41(2545-2655)	5	40165	25	#0	QAM16	2530 MHz-2535 MHz	1 MHz	2534.91	-50.00	-25	PASS
Band41(2545-2655)	5	40165	25	#0	QAM16	2535 MHz-2655 MHz	1 MHz	2560.32	-49.95	-30	PASS
Band41(2545-2655)	5	40165	25	#0	QAM16	2655 MHz-3000 MHz	1 MHz	2747.46	-51.55	-13	PASS
Band41(2545-2655)	5	40165	25	#0	QAM16	3000 MHz-13.5 GHz	1 MHz	12534.00	-45.52	-13	PASS
Band41(2545-2655)	5	40690	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-57.91	-13	PASS
Band41(2545-2655)	5	40690	1	#0	QPSK	150 kHz-30 MHz	10 kHz	0.17	-62.55	-13	PASS
Band41(2545-2655)	5	40690	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	36.60	-65.96	-13	PASS
Band41(2545-2655)	5	40690	1	#0	QPSK	1000 MHz-2505 MHz	1 MHz	2500.49	-51.88	-13	PASS
Band41(2545-2655)	5	40690	1	#0	QPSK	2505 MHz-2530 MHz	1 MHz	2505.45	-52.02	-30	PASS
Band41(2545-2655)	5	40690	1	#0	QPSK	2530 MHz-2535 MHz	1 MHz	2534.50	-52.05	-25	PASS
Band41(2545-2655)	5	40690	1	#0	QPSK	2535 MHz-2655 MHz	1 MHz	2586.84	-49.44	-30	PASS
Band41(2545-2655)	5	40690	1	#0	QPSK	2655 MHz-3000 MHz	1 MHz	2739.18	-51.53	-13	PASS

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						MHz					
Band41(2545-2655)	5	40690	1	#0	QPSK	3000 MHz-13.5 GHz	1 MHz	12534.00	-45.56	-13	PASS
Band41(2545-2655)	5	40690	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.61	-13	PASS
Band41(2545-2655)	5	40690	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.15	-62.95	-13	PASS
Band41(2545-2655)	5	40690	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	909.98	-71.89	-13	PASS
Band41(2545-2655)	5	40690	1	#Max	QPSK	1000 MHz-2505 MHz	1 MHz	2498.98	-51.85	-13	PASS
Band41(2545-2655)	5	40690	1	#Max	QPSK	2505 MHz-2530 MHz	1 MHz	2511.40	-51.98	-30	PASS
Band41(2545-2655)	5	40690	1	#Max	QPSK	2530 MHz-2535 MHz	1 MHz	2530.05	-52.05	-25	PASS
Band41(2545-2655)	5	40690	1	#Max	QPSK	2535 MHz-2655 MHz	1 MHz	2612.64	-48.53	-30	PASS
Band41(2545-2655)	5	40690	1	#Max	QPSK	2655 MHz-3000 MHz	1 MHz	2738.15	-51.55	-13	PASS
Band41(2545-2655)	5	40690	1	#Max	QPSK	3000 MHz-13.5 GHz	1 MHz	12534.00	-45.52	-13	PASS
Band41(2545-2655)	5	40690	25	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.39	-13	PASS
Band41(2545-2655)	5	40690	25	#0	QPSK	150 kHz-30 MHz	10 kHz	0.15	-61.17	-13	PASS
Band41(2545-2655)	5	40690	25	#0	QPSK	30 MHz-1000 MHz	100 kHz	861.87	-72.13	-13	PASS
Band41(2545-2655)	5	40690	25	#0	QPSK	1000 MHz-2505 MHz	1 MHz	2498.98	-51.89	-13	PASS
Band41(2545-2655)	5	40690	25	#0	QPSK	2505 MHz-2530 MHz	1 MHz	2526.55	-52.00	-30	PASS
Band41(2545-2655)	5	40690	25	#0	QPSK	2530 MHz-2535 MHz	1 MHz	2531.62	-51.97	-25	PASS

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						MHz					
Band41(2545-2655)	5	40690	25	#0	QPSK	2535 MHz-2655 MHz	1 MHz	2612.64	-47.27	-30	PASS
Band41(2545-2655)	5	40690	25	#0	QPSK	2655 MHz-3000 MHz	1 MHz	2656.04	-51.55	-13	PASS
Band41(2545-2655)	5	40690	25	#0	QPSK	3000 MHz-13.5 GHz	1 MHz	12544.50	-45.55	-13	PASS
Band41(2545-2655)	5	40690	1	#0	QAM16	9 kHz-150 kHz	1 kHz	0.02	-58.93	-13	PASS
Band41(2545-2655)	5	40690	1	#0	QAM16	150 kHz-30 MHz	10 kHz	0.15	-62.91	-13	PASS
Band41(2545-2655)	5	40690	1	#0	QAM16	30 MHz-1000 MHz	100 kHz	36.60	-64.92	-13	PASS
Band41(2545-2655)	5	40690	1	#0	QAM16	1000 MHz-2505 MHz	1 MHz	2505.00	-51.81	-13	PASS
Band41(2545-2655)	5	40690	1	#0	QAM16	2505 MHz-2530 MHz	1 MHz	2513.43	-51.98	-30	PASS
Band41(2545-2655)	5	40690	1	#0	QAM16	2530 MHz-2535 MHz	1 MHz	2532.66	-52.02	-25	PASS
Band41(2545-2655)	5	40690	1	#0	QAM16	2535 MHz-2655 MHz	1 MHz	2586.36	-48.21	-30	PASS
Band41(2545-2655)	5	40690	1	#0	QAM16	2655 MHz-3000 MHz	1 MHz	2753.67	-51.58	-13	PASS
Band41(2545-2655)	5	40690	1	#0	QAM16	3000 MHz-13.5 GHz	1 MHz	12513.00	-45.58	-13	PASS
Band41(2545-2655)	5	40690	1	#Max	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.58	-13	PASS
Band41(2545-2655)	5	40690	1	#Max	QAM16	150 kHz-30 MHz	10 kHz	0.15	-61.55	-13	PASS
Band41(2545-2655)	5	40690	1	#Max	QAM16	30 MHz-1000 MHz	100 kHz	40.96	-64.27	-13	PASS
Band41(2545-2655)	5	40690	1	#Max	QAM16	1000 MHz-2505 MHz	1 MHz	2491.46	-51.87	-13	PASS

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						MHz					
Band41(2545-2655)	5	40690	1	#Max	QAM16	2505 MHz-2530 MHz	1 MHz	2505.65	-52.02	-30	PASS
Band41(2545-2655)	5	40690	1	#Max	QAM16	2530 MHz-2535 MHz	1 MHz	2531.36	-51.99	-25	PASS
Band41(2545-2655)	5	40690	1	#Max	QAM16	2535 MHz-2655 MHz	1 MHz	2612.64	-48.38	-30	PASS
Band41(2545-2655)	5	40690	1	#Max	QAM16	2655 MHz-3000 MHz	1 MHz	2744.70	-51.55	-13	PASS
Band41(2545-2655)	5	40690	1	#Max	QAM16	3000 MHz-13.5 GHz	1 MHz	12565.50	-45.59	-13	PASS
Band41(2545-2655)	5	40690	25	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-57.18	-13	PASS
Band41(2545-2655)	5	40690	25	#0	QAM16	150 kHz-30 MHz	10 kHz	0.15	-62.33	-13	PASS
Band41(2545-2655)	5	40690	25	#0	QAM16	30 MHz-1000 MHz	100 kHz	926.86	-72.33	-13	PASS
Band41(2545-2655)	5	40690	25	#0	QAM16	1000 MHz-2505 MHz	1 MHz	2501.99	-51.90	-13	PASS
Band41(2545-2655)	5	40690	25	#0	QAM16	2505 MHz-2530 MHz	1 MHz	2520.90	-52.01	-30	PASS
Band41(2545-2655)	5	40690	25	#0	QAM16	2530 MHz-2535 MHz	1 MHz	2532.35	-52.06	-25	PASS
Band41(2545-2655)	5	40690	25	#0	QAM16	2535 MHz-2655 MHz	1 MHz	2612.64	-49.09	-30	PASS
Band41(2545-2655)	5	40690	25	#0	QAM16	2655 MHz-3000 MHz	1 MHz	2748.84	-51.58	-13	PASS
Band41(2545-2655)	5	40690	25	#0	QAM16	3000 MHz-13.5 GHz	1 MHz	12523.50	-45.50	-13	PASS
Band41(2545-2655)	5	41215	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.54	-13	PASS
Band41(2545-2655)	5	41215	1	#0	QPSK	150 kHz-30 MHz	10 MHz	0.16	-62.39	-13	PASS

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5)						MHz	kHz				
Band41(2545-2655)	5	41215	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	814.73	-71.82	-13	PASS
Band41(2545-2655)	5	41215	1	#0	QPSK	1000 MHz-2505 MHz	1 MHz	2497.48	-51.85	-13	PASS
Band41(2545-2655)	5	41215	1	#0	QPSK	2505 MHz-2530 MHz	1 MHz	2527.10	-51.98	-30	PASS
Band41(2545-2655)	5	41215	1	#0	QPSK	2530 MHz-2535 MHz	1 MHz	2534.82	-52.07	-25	PASS
Band41(2545-2655)	5	41215	1	#0	QPSK	2535 MHz-2655 MHz	1 MHz	2639.88	-47.08	-30	PASS
Band41(2545-2655)	5	41215	1	#0	QPSK	2655 MHz-3000 MHz	1 MHz	2665.01	-50.32	-13	PASS
Band41(2545-2655)	5	41215	1	#0	QPSK	3000 MHz-13.5 GHz	1 MHz	12544.50	-45.54	-13	PASS
Band41(2545-2655)	5	41215	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.69	-13	PASS
Band41(2545-2655)	5	41215	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.18	-63.09	-13	PASS
Band41(2545-2655)	5	41215	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	93.34	-67.03	-13	PASS
Band41(2545-2655)	5	41215	1	#Max	QPSK	1000 MHz-2505 MHz	1 MHz	2498.98	-51.86	-13	PASS
Band41(2545-2655)	5	41215	1	#Max	QPSK	2505 MHz-2530 MHz	1 MHz	2508.03	-52.01	-30	PASS
Band41(2545-2655)	5	41215	1	#Max	QPSK	2530 MHz-2535 MHz	1 MHz	2531.81	-51.64	-25	PASS
Band41(2545-2655)	5	41215	1	#Max	QPSK	2535 MHz-2655 MHz	1 MHz	2639.64	-49.73	-30	PASS
Band41(2545-2655)	5	41215	1	#Max	QPSK	2655 MHz-3000 MHz	1 MHz	2665.35	-49.55	-13	PASS

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Band41(2545-2655)	5	41215	1	#Max	QPSK	3000 MHz-13.5 GHz	1 MHz	12534.00	-45.51	-13	PASS
Band41(2545-2655)	5	41215	25	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.37	-13	PASS
Band41(2545-2655)	5	41215	25	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.43	-13	PASS
Band41(2545-2655)	5	41215	25	#0	QPSK	30 MHz-1000 MHz	100 kHz	892.43	-72.22	-13	PASS
Band41(2545-2655)	5	41215	25	#0	QPSK	1000 MHz-2505 MHz	1 MHz	2492.96	-51.79	-13	PASS
Band41(2545-2655)	5	41215	25	#0	QPSK	2505 MHz-2530 MHz	1 MHz	2513.60	-52.01	-30	PASS
Band41(2545-2655)	5	41215	25	#0	QPSK	2530 MHz-2535 MHz	1 MHz	2532.91	-52.08	-25	PASS
Band41(2545-2655)	5	41215	25	#0	QPSK	2535 MHz-2655 MHz	1 MHz	2639.16	-48.11	-30	PASS
Band41(2545-2655)	5	41215	25	#0	QPSK	2655 MHz-3000 MHz	1 MHz	2665.01	-49.20	-13	PASS
Band41(2545-2655)	5	41215	25	#0	QPSK	3000 MHz-13.5 GHz	1 MHz	12534.00	-45.59	-13	PASS
Band41(2545-2655)	5	41215	1	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-59.03	-13	PASS
Band41(2545-2655)	5	41215	1	#0	QAM16	150 kHz-30 MHz	10 kHz	0.15	-63.00	-13	PASS
Band41(2545-2655)	5	41215	1	#0	QAM16	30 MHz-1000 MHz	100 kHz	848.39	-72.07	-13	PASS
Band41(2545-2655)	5	41215	1	#0	QAM16	1000 MHz-2505 MHz	1 MHz	2497.48	-51.77	-13	PASS
Band41(2545-2655)	5	41215	1	#0	QAM16	2505 MHz-2530 MHz	1 MHz	2507.75	-52.01	-30	PASS
Band41(2545-2655)	5	41215	1	#0	QAM16	2530 MHz-2535 MHz	1 MHz	2531.37	-52.07	-25	PASS

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Band41(2545-2655)	5	41215	1	#0	QAM16	2535 MHz-2655 MHz	1 MHz	2639.76	-47.62	-30	PASS
Band41(2545-2655)	5	41215	1	#0	QAM16	2655 MHz-3000 MHz	1 MHz	2665.70	-49.97	-13	PASS
Band41(2545-2655)	5	41215	1	#0	QAM16	3000 MHz-13.5 GHz	1 MHz	12534.00	-45.54	-13	PASS
Band41(2545-2655)	5	41215	1	#Max	QAM16	9 kHz-150 kHz	1 kHz	0.01	-58.44	-13	PASS
Band41(2545-2655)	5	41215	1	#Max	QAM16	150 kHz-30 MHz	10 kHz	0.15	-62.59	-13	PASS
Band41(2545-2655)	5	41215	1	#Max	QAM16	30 MHz-1000 MHz	100 kHz	93.44	-66.38	-13	PASS
Band41(2545-2655)	5	41215	1	#Max	QAM16	1000 MHz-2505 MHz	1 MHz	2497.48	-51.86	-13	PASS
Band41(2545-2655)	5	41215	1	#Max	QAM16	2505 MHz-2530 MHz	1 MHz	2512.20	-51.98	-30	PASS
Band41(2545-2655)	5	41215	1	#Max	QAM16	2530 MHz-2535 MHz	1 MHz	2531.72	-51.93	-25	PASS
Band41(2545-2655)	5	41215	1	#Max	QAM16	2535 MHz-2655 MHz	1 MHz	2640.00	-49.69	-30	PASS
Band41(2545-2655)	5	41215	1	#Max	QAM16	2655 MHz-3000 MHz	1 MHz	2665.01	-49.32	-13	PASS
Band41(2545-2655)	5	41215	1	#Max	QAM16	3000 MHz-13.5 GHz	1 MHz	12565.50	-45.61	-13	PASS
Band41(2545-2655)	5	41215	25	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-58.80	-13	PASS
Band41(2545-2655)	5	41215	25	#0	QAM16	150 kHz-30 MHz	10 kHz	0.15	-61.89	-13	PASS
Band41(2545-2655)	5	41215	25	#0	QAM16	30 MHz-1000 MHz	100 kHz	816.38	-72.23	-13	PASS
Band41(2545-2655)	5	41215	25	#0	QAM16	1000 MHz-2505 MHz	1 MHz	2494.47	-51.85	-13	PASS

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Band41(2545-2655)	5	41215	25	#0	QAM16	2505 MHz-2530 MHz	1 MHz	2505.20	-52.03	-30	PASS
Band41(2545-2655)	5	41215	25	#0	QAM16	2530 MHz-2535 MHz	1 MHz	2530.95	-52.08	-25	PASS
Band41(2545-2655)	5	41215	25	#0	QAM16	2535 MHz-2655 MHz	1 MHz	2639.52	-48.69	-30	PASS
Band41(2545-2655)	5	41215	25	#0	QAM16	2655 MHz-3000 MHz	1 MHz	2665.35	-49.63	-13	PASS
Band41(2545-2655)	5	41215	25	#0	QAM16	3000 MHz-13.5 GHz	1 MHz	12513.00	-45.58	-13	PASS
Band41(2545-2655)	20	40240	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.09	-13	PASS
Band41(2545-2655)	20	40240	1	#0	QPSK	150 kHz-30 MHz	10 kHz	0.15	-63.50	-13	PASS
Band41(2545-2655)	20	40240	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	889.71	-72.03	-13	PASS
Band41(2545-2655)	20	40240	1	#0	QPSK	1000 MHz-2505 MHz	1 MHz	2485.44	-50.76	-13	PASS
Band41(2545-2655)	20	40240	1	#0	QPSK	2505 MHz-2530 MHz	1 MHz	2510.50	-49.63	-30	PASS
Band41(2545-2655)	20	40240	1	#0	QPSK	2530 MHz-2535 MHz	1 MHz	0.00	-999.00	-25	PASS
Band41(2545-2655)	20	40240	1	#0	QPSK	2535 MHz-2655 MHz	1 MHz	2607.36	-45.14	-30	PASS
Band41(2545-2655)	20	40240	1	#0	QPSK	2655 MHz-3000 MHz	1 MHz	2668.80	-46.75	-13	PASS
Band41(2545-2655)	20	40240	1	#0	QPSK	3000 MHz-13.5 GHz	1 MHz	12523.50	-45.59	-13	PASS
Band41(2545-2655)	20	40240	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.99	-13	PASS
Band41(2545-2655)	20	40240	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.15	-63.35	-13	PASS

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Band41(2545-2655)	20	40240	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	918.81	-71.76	-13	PASS
Band41(2545-2655)	20	40240	1	#Max	QPSK	1000 MHz-2505 MHz	1 MHz	2501.99	-46.76	-13	PASS
Band41(2545-2655)	20	40240	1	#Max	QPSK	2505 MHz-2530 MHz	1 MHz	2517.25	-51.26	-30	PASS
Band41(2545-2655)	20	40240	1	#Max	QPSK	2530 MHz-2535 MHz	1 MHz	0.00	-999.00	-25	PASS
Band41(2545-2655)	20	40240	1	#Max	QPSK	2535 MHz-2655 MHz	1 MHz	2625.36	-48.56	-30	PASS
Band41(2545-2655)	20	40240	1	#Max	QPSK	2655 MHz-3000 MHz	1 MHz	2686.74	-48.92	-13	PASS
Band41(2545-2655)	20	40240	1	#Max	QPSK	3000 MHz-13.5 GHz	1 MHz	12523.50	-45.57	-13	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.20	-13	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	150 kHz-30 MHz	10 kHz	0.16	-62.93	-13	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	30 MHz-1000 MHz	100 kHz	792.91	-72.01	-13	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	1000 MHz-2505 MHz	1 MHz	2501.99	-50.21	-13	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	2505 MHz-2530 MHz	1 MHz	2517.93	-49.61	-30	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	2530 MHz-2535 MHz	1 MHz	0.00	-999.00	-25	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	2535 MHz-2655 MHz	1 MHz	2592.60	-49.57	-30	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	2655 MHz-3000 MHz	1 MHz	2669.15	-51.40	-13	PASS
Band41(2545-2655)	20	40240	100	#0	QPSK	3000 MHz	1	12565.5	-45.56	-13	PASS

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5)						MHz-13.5 GHz	MHz	0			
Band41(2545-265 5)	20	40240	1	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-58.81	-13	PASS
Band41(2545-265 5)	20	40240	1	#0	QAM16	150 kHz-30 MHz	10 kHz	0.15	-62.27	-13	PASS
Band41(2545-265 5)	20	40240	1	#0	QAM16	30 MHz-1000 MHz	100 kHz	776.03	-71.77	-13	PASS
Band41(2545-265 5)	20	40240	1	#0	QAM16	1000 MHz-2505 MHz	1 MHz	2505.00	-49.52	-13	PASS
Band41(2545-265 5)	20	40240	1	#0	QAM16	2505 MHz-2530 MHz	1 MHz	2519.58	-49.08	-30	PASS
Band41(2545-265 5)	20	40240	1	#0	QAM16	2530 MHz-2535 MHz	1 MHz	0.00	-999.0 0	-25	PASS
Band41(2545-265 5)	20	40240	1	#0	QAM16	2535 MHz-2655 MHz	1 MHz	2607.36	-47.48	-30	PASS
Band41(2545-265 5)	20	40240	1	#0	QAM16	2655 MHz-3000 MHz	1 MHz	2669.49	-47.55	-13	PASS
Band41(2545-265 5)	20	40240	1	#0	QAM16	3000 MHz-13.5 GHz	1 MHz	12576.0 0	-45.58	-13	PASS
Band41(2545-265 5)	20	40240	1	#Max	QAM16	9 kHz-150 kHz	1 kHz	0.01	-58.71	-13	PASS
Band41(2545-265 5)	20	40240	1	#Max	QAM16	150 kHz-30 MHz	10 kHz	0.15	-60.86	-13	PASS
Band41(2545-265 5)	20	40240	1	#Max	QAM16	30 MHz-1000 MHz	100 kHz	927.83	-72.12	-13	PASS
Band41(2545-265 5)	20	40240	1	#Max	QAM16	1000 MHz-2505 MHz	1 MHz	2503.50	-50.44	-13	PASS
Band41(2545-265 5)	20	40240	1	#Max	QAM16	2505 MHz-2530 MHz	1 MHz	2519.75	-50.58	-30	PASS
Band41(2545-265 5)	20	40240	1	#Max	QAM16	2530 MHz-2535 MHz	1 MHz	0.00	-999.0 0	-25	PASS
Band41(2545-265 5)	20	40240	1	#Max	QAM16	2535 MHz	1	2625.48	-47.84	-30	PASS

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5)						MHz-2655 MHz	MHz				
Band41(2545-2655)	20	40240	1	#Max	QAM16	2655 MHz-3000 MHz	1 MHz	2686.40	-50.30	-13	PASS
5)											
Band41(2545-2655)	20	40240	1	#Max	QAM16	3000 MHz-13.5 GHz	1 MHz	12544.5 0	-45.61	-13	PASS
5)											
Band41(2545-2655)	20	40240	100	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-58.83	-13	PASS
5)											
Band41(2545-2655)	20	40240	100	#0	QAM16	150 kHz-30 MHz	10 kHz	0.16	-64.04	-13	PASS
5)											
Band41(2545-2655)	20	40240	100	#0	QAM16	30 MHz-1000 MHz	100 kHz	913.09	-72.25	-13	PASS
5)											
Band41(2545-2655)	20	40240	100	#0	QAM16	1000 MHz-2505 MHz	1 MHz	2497.48	-51.32	-13	PASS
5)											
Band41(2545-2655)	20	40240	100	#0	QAM16	2505 MHz-2530 MHz	1 MHz	2519.93	-50.15	-30	PASS
5)											
Band41(2545-2655)	20	40240	100	#0	QAM16	2530 MHz-2535 MHz	1 MHz	0.00 0	-999.0	-25	PASS
5)											
Band41(2545-2655)	20	40240	100	#0	QAM16	2535 MHz-2655 MHz	1 MHz	2592.12	-50.32	-30	PASS
5)											
Band41(2545-2655)	20	40240	100	#0	QAM16	2655 MHz-3000 MHz	1 MHz	2669.84	-51.55	-13	PASS
5)											
Band41(2545-2655)	20	40240	100	#0	QAM16	3000 MHz-13.5 GHz	1 MHz	12534.0 0	-45.55	-13	PASS
5)											
Band41(2545-2655)	20	40690	1	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.55	-13	PASS
5)											
Band41(2545-2655)	20	40690	1	#0	QPSK	150 kHz-30 MHz	10 kHz	0.15	-63.75	-13	PASS
5)											
Band41(2545-2655)	20	40690	1	#0	QPSK	30 MHz-1000 MHz	100 kHz	977.79	-72.10	-13	PASS
5)											
Band41(2545-2655)	20	40690	1	#0	QPSK	1000 MHz-2505 MHz	1 MHz	2491.46	-51.84	-13	PASS
5)											
Band41(2545-2655)	20	40690	1	#0	QPSK	2505	1	2529.60	-47.89	-30	PASS

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5)						MHz-2530 MHz	MHz				
Band41(2545-2655)	20	40690	1	#0	QPSK	2530 MHz-2535 MHz	1 MHz	2530.01	-48.67	-25	PASS
Band41(2545-2655)	20	40690	1	#0	QPSK	2535 MHz-2655 MHz	1 MHz	2652.36	-46.10	-30	PASS
Band41(2545-2655)	20	40690	1	#0	QPSK	2655 MHz-3000 MHz	1 MHz	2714.34	-46.68	-13	PASS
Band41(2545-2655)	20	40690	1	#0	QPSK	3000 MHz-13.5 GHz	1 MHz	12523.50	-45.60	-13	PASS
Band41(2545-2655)	20	40690	1	#Max	QPSK	9 kHz-150 kHz	1 kHz	0.01	-58.44	-13	PASS
Band41(2545-2655)	20	40690	1	#Max	QPSK	150 kHz-30 MHz	10 kHz	0.15	-60.71	-13	PASS
Band41(2545-2655)	20	40690	1	#Max	QPSK	30 MHz-1000 MHz	100 kHz	47.65	-63.17	-13	PASS
Band41(2545-2655)	20	40690	1	#Max	QPSK	1000 MHz-2505 MHz	1 MHz	2486.94	-49.65	-13	PASS
Band41(2545-2655)	20	40690	1	#Max	QPSK	2505 MHz-2530 MHz	1 MHz	2515.05	-52.04	-30	PASS
Band41(2545-2655)	20	40690	1	#Max	QPSK	2530 MHz-2535 MHz	1 MHz	2530.27	-52.06	-25	PASS
Band41(2545-2655)	20	40690	1	#Max	QPSK	2535 MHz-2655 MHz	1 MHz	2547.48	-45.79	-30	PASS
Band41(2545-2655)	20	40690	1	#Max	QPSK	2655 MHz-3000 MHz	1 MHz	2731.59	-49.94	-13	PASS
Band41(2545-2655)	20	40690	1	#Max	QPSK	3000 MHz-13.5 GHz	1 MHz	12555.00	-45.51	-13	PASS
Band41(2545-2655)	20	40690	100	#0	QPSK	9 kHz-150 kHz	1 kHz	0.01	-59.94	-13	PASS
Band41(2545-2655)	20	40690	100	#0	QPSK	150 kHz-30 MHz	10 kHz	0.17	-62.45	-13	PASS
Band41(2545-2655)	20	40690	100	#0	QPSK	30	100	914.64	-72.09	-13	PASS

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5)						MHz-1000 MHz	kHz				
Band41(2545-265 5)	20	40690	100	#0	QPSK	1000 MHz-2505 MHz	1 MHz	2486.94	-51.84	-13	PASS
Band41(2545-265 5)	20	40690	100	#0	QPSK	2505 MHz-2530 MHz	1 MHz	2529.70	-51.88	-30	PASS
Band41(2545-265 5)	20	40690	100	#0	QPSK	2530 MHz-2535 MHz	1 MHz	2530.20	-51.81	-25	PASS
Band41(2545-265 5)	20	40690	100	#0	QPSK	2535 MHz-2655 MHz	1 MHz	2635.44	-49.27	-30	PASS
Band41(2545-265 5)	20	40690	100	#0	QPSK	2655 MHz-3000 MHz	1 MHz	2656.04	-51.24	-13	PASS
Band41(2545-265 5)	20	40690	100	#0	QPSK	3000 MHz-13.5 GHz	1 MHz	12534.0 0	-45.55	-13	PASS
Band41(2545-265 5)	20	40690	1	#0	QAM16	9 kHz-150 kHz	1 kHz	0.01	-58.83	-13	PASS
Band41(2545-265 5)	20	40690	1	#0	QAM16	150 kHz-30 MHz	10 kHz	0.16	-65.55	-13	PASS
Band41(2545-265 5)	20	40690	1	#0	QAM16	30 MHz-1000 MHz	100 kHz	920.75	-71.98	-13	PASS
Band41(2545-265 5)	20	40690	1	#0	QAM16	1000 MHz-2505 MHz	1 MHz	2503.50	-51.79	-13	PASS
Band41(2545-265 5)	20	40690	1	#0	QAM16	2505 MHz-2530 MHz	1 MHz	2529.70	-48.45	-30	PASS
Band41(2545-265 5)	20	40690	1	#0	QAM16	2530 MHz-2535 MHz	1 MHz	2530.04	-49.30	-25	PASS
Band41(2545-265 5)	20	40690	1	#0	QAM16	2535 MHz-2655 MHz	1 MHz	2652.36	-47.01	-30	PASS
Band41(2545-265 5)	20	40690	1	#0	QAM16	2655 MHz-3000 MHz	1 MHz	2713.65	-47.66	-13	PASS
Band41(2545-265 5)	20	40690	1	#0	QAM16	3000 MHz-13.5 MHz	1 MHz	12555.0 0	-45.61	-13	PASS