

Band4	10	20175	1	#0	QPSK	23.73	1.8	23.38	30	25.53	30	PASS
Band4	10	20175	1	#Mid	QPSK	23.83	1.8	23.48	30	25.63	30	PASS
Band4	10	20175	1	#Max	QPSK	23.84	1.8	23.49	30	25.64	30	PASS
Band4	10	20175	25	#0	QPSK	22.60	1.8	22.25	30	24.40	30	PASS
Band4	10	20175	25	#Mid	QPSK	22.79	1.8	22.44	30	24.59	30	PASS
Band4	10	20175	25	#Max	QPSK	22.85	1.8	22.50	30	24.65	30	PASS
Band4	10	20175	50	#0	QPSK	22.78	1.8	22.43	30	24.58	30	PASS
Band4	10	20175	1	#0	16QAM	22.85	1.8	22.50	30	24.65	30	PASS
Band4	10	20175	1	#Mid	16QAM	22.95	1.8	22.60	30	24.75	30	PASS
Band4	10	20175	1	#Max	16QAM	23.01	1.8	22.66	30	24.81	30	PASS
Band4	10	20175	25	#0	16QAM	21.61	1.8	21.26	30	23.41	30	PASS
Band4	10	20175	25	#Mid	16QAM	21.82	1.8	21.47	30	23.62	30	PASS
Band4	10	20175	25	#Max	16QAM	21.85	1.8	21.50	30	23.65	30	PASS
Band4	10	20175	50	#0	16QAM	21.78	1.8	21.43	30	23.58	30	PASS
Band4	10	20350	1	#0	QPSK	23.99	1.8	23.64	30	25.79	30	PASS
Band4	10	20350	1	#Mid	QPSK	24.00	1.8	23.65	30	25.80	30	PASS
Band4	10	20350	1	#Max	QPSK	23.86	1.8	23.51	30	25.66	30	PASS
Band4	10	20350	25	#0	QPSK	22.85	1.8	22.50	30	24.65	30	PASS
Band4	10	20350	25	#Mid	QPSK	22.92	1.8	22.57	30	24.72	30	PASS
Band4	10	20350	25	#Max	QPSK	22.75	1.8	22.40	30	24.55	30	PASS
Band4	10	20350	50	#0	QPSK	22.84	1.8	22.49	30	24.64	30	PASS
Band4	10	20350	1	#0	16QAM	22.80	1.8	22.45	30	24.60	30	PASS
Band4	10	20350	1	#Mid	16QAM	22.83	1.8	22.48	30	24.63	30	PASS
Band4	10	20350	1	#Max	16QAM	22.76	1.8	22.41	30	24.56	30	PASS
Band4	10	20350	25	#0	16QAM	21.87	1.8	21.52	30	23.67	30	PASS
Band4	10	20350	25	#Mid	16QAM	21.90	1.8	21.55	30	23.70	30	PASS
Band4	10	20350	25	#Max	16QAM	21.79	1.8	21.44	30	23.59	30	PASS
Band4	10	20350	50	#0	16QAM	21.78	1.8	21.43	30	23.58	30	PASS
Band4	15	20025	1	#0	QPSK	23.97	1.8	23.62	30	25.77	30	PASS
Band4	15	20025	1	#Mid	QPSK	23.95	1.8	23.60	30	25.75	30	PASS
Band4	15	20025	1	#Max	QPSK	23.75	1.8	23.40	30	25.55	30	PASS
Band4	15	20025	36	#0	QPSK	22.94	1.8	22.59	30	24.74	30	PASS
Band4	15	20025	36	#Mid	QPSK	22.95	1.8	22.60	30	24.75	30	PASS
Band4	15	20025	36	#Max	QPSK	22.81	1.8	22.46	30	24.61	30	PASS
Band4	15	20025	75	#0	QPSK	22.95	1.8	22.60	30	24.75	30	PASS
Band4	15	20025	1	#0	16QAM	23.15	1.8	22.80	30	24.95	30	PASS
Band4	15	20025	1	#Mid	16QAM	23.13	1.8	22.78	30	24.93	30	PASS
Band4	15	20025	1	#Max	16QAM	22.93	1.8	22.58	30	24.73	30	PASS
Band4	15	20025	36	#0	16QAM	22.00	1.8	21.65	30	23.80	30	PASS
Band4	15	20025	36	#Mid	16QAM	21.98	1.8	21.63	30	23.78	30	PASS
Band4	15	20025	36	#Max	16QAM	21.85	1.8	21.50	30	23.65	30	PASS
Band4	15	20025	75	#0	16QAM	21.90	1.8	21.55	30	23.70	30	PASS
Band4	15	20175	1	#0	QPSK	23.73	1.8	23.38	30	25.53	30	PASS
Band4	15	20175	1	#Mid	QPSK	23.82	1.8	23.47	30	25.62	30	PASS
Band4	15	20175	1	#Max	QPSK	23.90	1.8	23.55	30	25.70	30	PASS
Band4	15	20175	36	#0	QPSK	22.68	1.8	22.33	30	24.48	30	PASS
Band4	15	20175	36	#Mid	QPSK	22.83	1.8	22.48	30	24.63	30	PASS
Band4	15	20175	36	#Max	QPSK	22.92	1.8	22.57	30	24.72	30	PASS
Band4	15	20175	75	#0	QPSK	22.86	1.8	22.51	30	24.66	30	PASS
Band4	15	20175	1	#0	16QAM	22.76	1.8	22.41	30	24.56	30	PASS
Band4	15	20175	1	#Mid	16QAM	22.90	1.8	22.55	30	24.70	30	PASS
Band4	15	20175	1	#Max	16QAM	22.96	1.8	22.61	30	24.76	30	PASS
Band4	15	20175	36	#0	16QAM	21.65	1.8	21.30	30	23.45	30	PASS
Band4	15	20175	36	#Mid	16QAM	21.76	1.8	21.41	30	23.56	30	PASS
Band4	15	20175	36	#Max	16QAM	21.86	1.8	21.51	30	23.66	30	PASS
Band4	15	20175	75	#0	16QAM	21.85	1.8	21.50	30	23.65	30	PASS
Band4	15	20325	1	#0	QPSK	23.83	1.8	23.48	30	25.63	30	PASS
Band4	15	20325	1	#Mid	QPSK	23.95	1.8	23.60	30	25.75	30	PASS
Band4	15	20325	1	#Max	QPSK	23.78	1.8	23.43	30	25.58	30	PASS
Band4	15	20325	36	#0	QPSK	22.89	1.8	22.54	30	24.69	30	PASS
Band4	15	20325	36	#Mid	QPSK	22.97	1.8	22.62	30	24.77	30	PASS
Band4	15	20325	36	#Max	QPSK	22.89	1.8	22.54	30	24.69	30	PASS
Band4	15	20325	75	#0	QPSK	22.90	1.8	22.55	30	24.70	30	PASS
Band4	15	20325	1	#0	16QAM	23.23	1.8	22.88	30	25.03	30	PASS
Band4	15	20325	1	#Mid	16QAM	23.35	1.8	23.00	30	25.15	30	PASS
Band4	15	20325	1	#Max	16QAM	23.22	1.8	22.87	30	25.02	30	PASS
Band4	15	20325	36	#0	16QAM	21.93	1.8	21.58	30	23.73	30	PASS
Band4	15	20325	36	#Mid	16QAM	21.96	1.8	21.61	30	23.76	30	PASS
Band4	15	20325	36	#Max	16QAM	21.91	1.8	21.56	30	23.71	30	PASS
Band4	15	20325	75	#0	16QAM	21.88	1.8	21.53	30	23.68	30	PASS
Band4	20	20050	1	#0	QPSK	23.94	1.8	23.59	30	25.74	30	PASS
Band4	20	20050	1	#Mid	QPSK	23.95	1.8	23.60	30	25.75	30	PASS
Band4	20	20050	1	#Max	QPSK	23.74	1.8	23.39	30	25.54	30	PASS
Band4	20	20050	50	#0	QPSK	23.00	1.8	22.65	30	24.80	30	PASS
Band4	20	20050	50	#Mid	QPSK	22.92	1.8	22.57	30	24.72	30	PASS
Band4	20	20050	50	#Max	QPSK	22.77	1.8	22.42	30	24.57	30	PASS
Band4	20	20050	100	#0	QPSK	22.88	1.8	22.53	30	24.68	30	PASS
Band4	20	20050	1	#0	16QAM	23.10	1.8	22.75	30	24.90	30	PASS
Band4	20	20050	1	#Mid	16QAM	23.18	1.8	22.83	30	24.98	30	PASS
Band4	20	20050	1	#Max	16QAM	22.93	1.8	22.58	30	24.73	30	PASS
Band4	20	20050	50	#0	16QAM	21.97	1.8	21.62	30	23.77	30	PASS
Band4	20	20050	50	#Mid	16QAM	21.89	1.8	21.54	30	23.69	30	PASS
Band4	20	20050	50	#Max	16QAM	21.71	1.8	21.36	30	23.51	30	PASS
Band4	20	20050	100	#0	16QAM	21.89	1.8	21.54	30	23.69	30	PASS
Band4	20	20175	1	#0	QPSK	23.62	1.8	23.27	30	25.42	30	PASS
Band4	20	20175	1	#Mid	QPSK	23.84	1.8	23.49	30	25.64	30	PASS
Band4	20	20175	1	#Max	QPSK	23.87	1.8	23.52	30	25.67	30	PASS
Band4	20	20175	50	#0	QPSK	22.64	1.8	22.29	30	24.44	30	PASS
Band4	20	20175	50	#Mid	QPSK	22.85	1.8	22.50	30	24.65	30	PASS
Band4	20	20175	50	#Max	QPSK	23.00	1.8	22.65	30	24.80	30	PASS
Band4	20	20175	100	#0	QPSK	22.82	1.8	22.47	30	24.62	30	PASS
Band4	20	20175	1	#0	16QAM	22.88	1.8	22.53	30	24.68	30	PASS
Band4	20	20175	1	#Mid	16QAM	23.07	1.8	22.72	30	24.87	30	PASS
Band4	20	20175	1	#Max	16QAM	23.08	1.8	22.73	30	24.88	30	PASS
Band4	20	20175	50	#0	16QAM	21.65	1.8	21.30	30	23.45	30	PASS
Band4	20	20175	50	#Mid	16QAM	21.86	1.8	21.51	30	23.66	30	PASS
Band4	20	20175	50	#Max	16QAM	22.00	1.8	21.65	30	23.80	30	PASS
Band4	20	20175	100	#0	16QAM	21.82	1.8	21.47	30	23.62	30	PASS
Band4	20	20300	1	#0	QPSK	23.62	1.8	23.27	30	25.42	30	PASS
Band4	20	20300	1	#Mid	QPSK	24.00	1.8	23.65	30	25.80	30	PASS

Band4	20	20300	1	#Max	QPSK	23.76	1.8	23.41	30	25.56	30	PASS
Band4	20	20300	50	#0	QPSK	22.72	1.8	22.37	30	24.52	30	PASS
Band4	20	20300	50	#Mid	QPSK	22.98	1.8	22.63	30	24.78	30	PASS
Band4	20	20300	50	#Max	QPSK	22.88	1.8	22.53	30	24.68	30	PASS
Band4	20	20300	100	#0	QPSK	22.82	1.8	22.47	30	24.62	30	PASS
Band4	20	20300	1	#0	16QAM	22.93	1.8	22.58	30	24.73	30	PASS
Band4	20	20300	1	#Mid	16QAM	23.32	1.8	22.97	30	25.12	30	PASS
Band4	20	20300	1	#Max	16QAM	23.10	1.8	22.75	30	24.90	30	PASS
Band4	20	20300	50	#0	16QAM	21.74	1.8	21.39	30	23.54	30	PASS
Band4	20	20300	50	#Mid	16QAM	21.97	1.8	21.62	30	23.77	30	PASS
Band4	20	20300	50	#Max	16QAM	21.87	1.8	21.52	30	23.67	30	PASS
Band4	20	20300	100	#0	16QAM	21.80	1.8	21.45	30	23.60	30	PASS
Band25	1.4	26047	1	#0	QPSK	23.66	1.8	23.31	33.01	25.46	33.01	PASS
Band25	1.4	26047	1	#Mid	QPSK	23.75	1.8	23.40	33.01	25.55	33.01	PASS
Band25	1.4	26047	1	#Max	QPSK	23.67	1.8	23.32	33.01	25.47	33.01	PASS
Band25	1.4	26047	3	#0	QPSK	23.67	1.8	23.32	33.01	25.47	33.01	PASS
Band25	1.4	26047	3	#Mid	QPSK	23.74	1.8	23.39	33.01	25.54	33.01	PASS
Band25	1.4	26047	3	#Max	QPSK	23.69	1.8	23.34	33.01	25.49	33.01	PASS
Band25	1.4	26047	6	#0	QPSK	22.84	1.8	22.49	33.01	24.64	33.01	PASS
Band25	1.4	26047	1	#0	16QAM	22.50	1.8	22.15	33.01	24.30	33.01	PASS
Band25	1.4	26047	1	#Mid	16QAM	22.57	1.8	22.22	33.01	24.37	33.01	PASS
Band25	1.4	26047	1	#Max	16QAM	22.51	1.8	22.16	33.01	24.31	33.01	PASS
Band25	1.4	26047	3	#0	16QAM	22.81	1.8	22.46	33.01	24.61	33.01	PASS
Band25	1.4	26047	3	#Mid	16QAM	22.83	1.8	22.48	33.01	24.63	33.01	PASS
Band25	1.4	26047	3	#Max	16QAM	22.82	1.8	22.47	33.01	24.62	33.01	PASS
Band25	1.4	26047	6	#0	16QAM	21.96	1.8	21.61	33.01	23.76	33.01	PASS
Band25	1.4	26365	1	#0	QPSK	23.69	1.8	23.34	33.01	25.49	33.01	PASS
Band25	1.4	26365	1	#Mid	QPSK	23.70	1.8	23.35	33.01	25.50	33.01	PASS
Band25	1.4	26365	1	#Max	QPSK	23.57	1.8	23.22	33.01	25.37	33.01	PASS
Band25	1.4	26365	3	#0	QPSK	23.45	1.8	23.10	33.01	25.25	33.01	PASS
Band25	1.4	26365	3	#Mid	QPSK	23.33	1.8	22.98	33.01	25.13	33.01	PASS
Band25	1.4	26365	3	#Max	QPSK	23.24	1.8	22.89	33.01	25.04	33.01	PASS
Band25	1.4	26365	6	#0	QPSK	22.42	1.8	22.07	33.01	24.22	33.01	PASS
Band25	1.4	26365	1	#0	16QAM	22.31	1.8	21.96	33.01	24.11	33.01	PASS
Band25	1.4	26365	1	#Mid	16QAM	22.36	1.8	22.01	33.01	24.16	33.01	PASS
Band25	1.4	26365	1	#Max	16QAM	22.32	1.8	21.97	33.01	24.12	33.01	PASS
Band25	1.4	26365	3	#0	16QAM	22.36	1.8	22.01	33.01	24.16	33.01	PASS
Band25	1.4	26365	3	#Mid	16QAM	22.43	1.8	22.08	33.01	24.23	33.01	PASS
Band25	1.4	26365	3	#Max	16QAM	22.34	1.8	21.99	33.01	24.14	33.01	PASS
Band25	1.4	26365	6	#0	16QAM	21.51	1.8	21.16	33.01	23.31	33.01	PASS
Band25	1.4	26683	1	#0	QPSK	23.20	1.8	22.85	33.01	25.00	33.01	PASS
Band25	1.4	26683	1	#Mid	QPSK	23.31	1.8	22.96	33.01	25.11	33.01	PASS
Band25	1.4	26683	1	#Max	QPSK	23.27	1.8	22.92	33.01	25.07	33.01	PASS
Band25	1.4	26683	3	#0	QPSK	23.28	1.8	22.93	33.01	25.08	33.01	PASS
Band25	1.4	26683	3	#Mid	QPSK	23.33	1.8	22.98	33.01	25.13	33.01	PASS
Band25	1.4	26683	3	#Max	QPSK	23.34	1.8	22.99	33.01	25.14	33.01	PASS
Band25	1.4	26683	6	#0	QPSK	22.41	1.8	22.06	33.01	24.21	33.01	PASS
Band25	1.4	26683	1	#0	16QAM	22.31	1.8	21.96	33.01	24.11	33.01	PASS
Band25	1.4	26683	1	#Mid	16QAM	22.38	1.8	22.03	33.01	24.18	33.01	PASS
Band25	1.4	26683	1	#Max	16QAM	22.38	1.8	22.03	33.01	24.18	33.01	PASS
Band25	1.4	26683	3	#0	16QAM	22.40	1.8	22.05	33.01	24.20	33.01	PASS
Band25	1.4	26683	3	#Mid	16QAM	22.52	1.8	22.17	33.01	24.32	33.01	PASS
Band25	1.4	26683	3	#Max	16QAM	22.50	1.8	22.15	33.01	24.30	33.01	PASS
Band25	1.4	26683	6	#0	16QAM	21.58	1.8	21.23	33.01	23.38	33.01	PASS
Band25	3	26055	1	#0	QPSK	22.99	1.8	22.64	33.01	24.79	33.01	PASS
Band25	3	26055	1	#Mid	QPSK	23.07	1.8	22.72	33.01	24.87	33.01	PASS
Band25	3	26055	1	#Max	QPSK	23.05	1.8	22.70	33.01	24.85	33.01	PASS
Band25	3	26055	8	#0	QPSK	22.18	1.8	21.83	33.01	23.98	33.01	PASS
Band25	3	26055	8	#Mid	QPSK	22.27	1.8	21.92	33.01	24.07	33.01	PASS
Band25	3	26055	8	#Max	QPSK	22.27	1.8	21.92	33.01	24.07	33.01	PASS
Band25	3	26055	15	#0	QPSK	22.24	1.8	21.89	33.01	24.04	33.01	PASS
Band25	3	26055	1	#0	16QAM	22.41	1.8	22.06	33.01	24.21	33.01	PASS
Band25	3	26055	1	#Mid	16QAM	22.49	1.8	22.14	33.01	24.29	33.01	PASS
Band25	3	26055	1	#Max	16QAM	22.46	1.8	22.11	33.01	24.26	33.01	PASS
Band25	3	26055	8	#0	16QAM	21.22	1.8	20.87	33.01	23.02	33.01	PASS
Band25	3	26055	8	#Mid	16QAM	21.26	1.8	20.91	33.01	23.06	33.01	PASS
Band25	3	26055	8	#Max	16QAM	21.26	1.8	20.91	33.01	23.06	33.01	PASS
Band25	3	26055	15	#0	16QAM	21.21	1.8	20.86	33.01	23.01	33.01	PASS
Band25	3	26365	1	#0	QPSK	23.05	1.8	22.70	33.01	24.85	33.01	PASS
Band25	3	26365	1	#Mid	QPSK	23.12	1.8	22.77	33.01	24.92	33.01	PASS
Band25	3	26365	1	#Max	QPSK	23.05	1.8	22.70	33.01	24.85	33.01	PASS
Band25	3	26365	8	#0	QPSK	22.21	1.8	21.86	33.01	24.01	33.01	PASS
Band25	3	26365	8	#Mid	QPSK	22.31	1.8	21.96	33.01	24.11	33.01	PASS
Band25	3	26365	8	#Max	QPSK	22.29	1.8	21.94	33.01	24.09	33.01	PASS
Band25	3	26365	15	#0	QPSK	22.24	1.8	21.89	33.01	24.04	33.01	PASS
Band25	3	26365	1	#0	16QAM	22.20	1.8	21.85	33.01	24.00	33.01	PASS
Band25	3	26365	1	#Mid	16QAM	22.28	1.8	21.93	33.01	24.08	33.01	PASS
Band25	3	26365	1	#Max	16QAM	22.24	1.8	21.89	33.01	24.04	33.01	PASS
Band25	3	26365	8	#0	16QAM	21.23	1.8	20.88	33.01	23.03	33.01	PASS
Band25	3	26365	8	#Mid	16QAM	21.32	1.8	20.97	33.01	23.12	33.01	PASS
Band25	3	26365	8	#Max	16QAM	21.22	1.8	20.87	33.01	23.02	33.01	PASS
Band25	3	26365	15	#0	16QAM	21.23	1.8	20.88	33.01	23.03	33.01	PASS
Band25	3	26675	1	#0	QPSK	23.09	1.8	22.74	33.01	24.89	33.01	PASS
Band25	3	26675	1	#Mid	QPSK	23.23	1.8	22.88	33.01	25.03	33.01	PASS
Band25	3	26675	1	#Max	QPSK	23.34	1.8	22.99	33.01	25.14	33.01	PASS
Band25	3	26675	8	#0	QPSK	22.26	1.8	21.91	33.01	24.06	33.01	PASS
Band25	3	26675	8	#Mid	QPSK	22.34	1.8	21.99	33.01	24.14	33.01	PASS
Band25	3	26675	8	#Max	QPSK	22.35	1.8	22.00	33.01	24.15	33.01	PASS
Band25	3	26675	15	#0	QPSK	22.29	1.8	21.94	33.01	24.09	33.01	PASS
Band25	3	26675	1	#0	16QAM	21.92	1.8	21.57	33.01	23.72	33.01	PASS
Band25	3	26675	1	#Mid	16QAM	22.02	1.8	21.67	33.01	23.82	33.01	PASS
Band25	3	26675	1	#Max	16QAM	21.99	1.8	21.64	33.01	23.79	33.01	PASS
Band25	3	26675	8	#0	16QAM	21.26	1.8	20.91	33.01	23.06	33.01	PASS
Band25	3	26675	8	#Mid	16QAM	21.28	1.8	20.93	33.01	23.08	33.01	PASS
Band25	3	26675	8	#Max	16QAM	21.34	1.8	20.99	33.01	23.14	33.01	PASS
Band25	3	26675	15	#0	16QAM	21.34	1.8	20.99	33.01	23.14	33.01	PASS
Band25	5	26065	1	#0	QPSK	23.25	1.8	22.90	33.01	25.05	33.01	PASS
Band25	5	26065	1	#Mid	QPSK	23.36	1.8	23.01	33.01	25.16	33.01	PASS
Band25	5	26065	1	#Max	QPSK	23.33	1.8	22.98	33.01	25.13	33.01	PASS
Band25	5	26065	12	#0	QPSK	22.30	1.8	21.95	33.01	24.10	33.01	PASS

Band25	5	26065	12	#Mid	QPSK	22.34	1.8	21.99	33.01	24.14	33.01	PASS
Band25	5	26065	12	#Max	QPSK	22.26	1.8	21.91	33.01	24.06	33.01	PASS
Band25	5	26065	25	#0	QPSK	22.32	1.8	21.97	33.01	24.12	33.01	PASS
Band25	5	26065	1	#0	16QAM	22.53	1.8	22.18	33.01	24.33	33.01	PASS
Band25	5	26065	1	#Mid	16QAM	22.66	1.8	22.31	33.01	24.46	33.01	PASS
Band25	5	26065	1	#Max	16QAM	22.63	1.8	22.28	33.01	24.43	33.01	PASS
Band25	5	26065	12	#0	16QAM	21.23	1.8	20.88	33.01	23.03	33.01	PASS
Band25	5	26065	12	#Mid	16QAM	21.29	1.8	20.94	33.01	23.09	33.01	PASS
Band25	5	26065	12	#Max	16QAM	21.21	1.8	20.86	33.01	23.01	33.01	PASS
Band25	5	26065	25	#0	16QAM	21.29	1.8	20.94	33.01	23.09	33.01	PASS
Band25	5	26365	1	#0	QPSK	23.24	1.8	22.89	33.01	25.04	33.01	PASS
Band25	5	26365	1	#Mid	QPSK	23.32	1.8	22.97	33.01	25.12	33.01	PASS
Band25	5	26365	1	#Max	QPSK	23.22	1.8	22.87	33.01	25.02	33.01	PASS
Band25	5	26365	12	#0	QPSK	22.26	1.8	21.91	33.01	24.06	33.01	PASS
Band25	5	26365	12	#Mid	QPSK	22.34	1.8	21.99	33.01	24.14	33.01	PASS
Band25	5	26365	12	#Max	QPSK	22.32	1.8	21.97	33.01	24.12	33.01	PASS
Band25	5	26365	25	#0	QPSK	22.30	1.8	21.95	33.01	24.10	33.01	PASS
Band25	5	26365	1	#0	16QAM	22.56	1.8	22.21	33.01	24.36	33.01	PASS
Band25	5	26365	1	#Mid	16QAM	22.67	1.8	22.32	33.01	24.47	33.01	PASS
Band25	5	26365	1	#Max	16QAM	22.57	1.8	22.22	33.01	24.37	33.01	PASS
Band25	5	26365	12	#0	16QAM	21.29	1.8	20.94	33.01	23.09	33.01	PASS
Band25	5	26365	12	#Mid	16QAM	21.33	1.8	20.98	33.01	23.13	33.01	PASS
Band25	5	26365	12	#Max	16QAM	21.27	1.8	20.92	33.01	23.07	33.01	PASS
Band25	5	26365	25	#0	16QAM	21.21	1.8	20.86	33.01	23.01	33.01	PASS
Band25	5	26665	1	#0	QPSK	23.26	1.8	22.91	33.01	25.06	33.01	PASS
Band25	5	26665	1	#Mid	QPSK	23.36	1.8	23.01	33.01	25.16	33.01	PASS
Band25	5	26665	1	#Max	QPSK	23.47	1.8	23.12	33.01	25.27	33.01	PASS
Band25	5	26665	12	#0	QPSK	22.38	1.8	22.03	33.01	24.18	33.01	PASS
Band25	5	26665	12	#Mid	QPSK	22.32	1.8	21.97	33.01	24.12	33.01	PASS
Band25	5	26665	12	#Max	QPSK	22.39	1.8	22.04	33.01	24.19	33.01	PASS
Band25	5	26665	25	#0	QPSK	22.38	1.8	22.03	33.01	24.18	33.01	PASS
Band25	5	26665	1	#0	16QAM	22.70	1.8	22.35	33.01	24.50	33.01	PASS
Band25	5	26665	1	#Mid	16QAM	22.82	1.8	22.47	33.01	24.62	33.01	PASS
Band25	5	26665	1	#Max	16QAM	22.90	1.8	22.55	33.01	24.70	33.01	PASS
Band25	5	26665	12	#0	16QAM	21.38	1.8	21.03	33.01	23.18	33.01	PASS
Band25	5	26665	12	#Mid	16QAM	21.34	1.8	20.99	33.01	23.14	33.01	PASS
Band25	5	26665	12	#Max	16QAM	21.35	1.8	21.00	33.01	23.15	33.01	PASS
Band25	5	26665	25	#0	16QAM	21.37	1.8	21.02	33.01	23.17	33.01	PASS
Band25	10	26090	1	#0	QPSK	23.34	1.8	22.99	33.01	25.14	33.01	PASS
Band25	10	26090	1	#Mid	QPSK	23.41	1.8	23.06	33.01	25.21	33.01	PASS
Band25	10	26090	1	#Max	QPSK	23.46	1.8	23.11	33.01	25.26	33.01	PASS
Band25	10	26090	25	#0	QPSK	22.34	1.8	21.99	33.01	24.14	33.01	PASS
Band25	10	26090	25	#Mid	QPSK	22.43	1.8	22.08	33.01	24.23	33.01	PASS
Band25	10	26090	25	#Max	QPSK	22.29	1.8	21.94	33.01	24.09	33.01	PASS
Band25	10	26090	50	#0	QPSK	22.36	1.8	22.01	33.01	24.16	33.01	PASS
Band25	10	26090	1	#0	16QAM	22.70	1.8	22.35	33.01	24.50	33.01	PASS
Band25	10	26090	1	#Mid	16QAM	22.78	1.8	22.43	33.01	24.58	33.01	PASS
Band25	10	26090	1	#Max	16QAM	22.86	1.8	22.51	33.01	24.66	33.01	PASS
Band25	10	26090	25	#0	16QAM	21.36	1.8	21.01	33.01	23.16	33.01	PASS
Band25	10	26090	25	#Mid	16QAM	21.44	1.8	21.09	33.01	23.24	33.01	PASS
Band25	10	26090	25	#Max	16QAM	21.33	1.8	20.98	33.01	23.13	33.01	PASS
Band25	10	26090	50	#0	16QAM	21.33	1.8	20.98	33.01	23.13	33.01	PASS
Band25	10	26365	1	#0	QPSK	23.39	1.8	23.04	33.01	25.19	33.01	PASS
Band25	10	26365	1	#Mid	QPSK	23.40	1.8	23.05	33.01	25.20	33.01	PASS
Band25	10	26365	1	#Max	QPSK	23.41	1.8	23.06	33.01	25.21	33.01	PASS
Band25	10	26365	25	#0	QPSK	22.24	1.8	21.89	33.01	24.04	33.01	PASS
Band25	10	26365	25	#Mid	QPSK	22.40	1.8	22.05	33.01	24.20	33.01	PASS
Band25	10	26365	25	#Max	QPSK	22.30	1.8	21.95	33.01	24.10	33.01	PASS
Band25	10	26365	50	#0	QPSK	22.31	1.8	21.96	33.01	24.11	33.01	PASS
Band25	10	26365	1	#0	16QAM	22.49	1.8	22.14	33.01	24.29	33.01	PASS
Band25	10	26365	1	#Mid	16QAM	22.53	1.8	22.18	33.01	24.33	33.01	PASS
Band25	10	26365	1	#Max	16QAM	22.54	1.8	22.19	33.01	24.34	33.01	PASS
Band25	10	26365	25	#0	16QAM	21.20	1.8	20.85	33.01	23.00	33.01	PASS
Band25	10	26365	25	#Mid	16QAM	21.36	1.8	21.01	33.01	23.16	33.01	PASS
Band25	10	26365	25	#Max	16QAM	21.32	1.8	20.97	33.01	23.12	33.01	PASS
Band25	10	26365	50	#0	16QAM	21.27	1.8	20.92	33.01	23.07	33.01	PASS
Band25	10	26640	1	#0	QPSK	23.39	1.8	23.04	33.01	25.19	33.01	PASS
Band25	10	26640	1	#Mid	QPSK	23.44	1.8	23.09	33.01	25.24	33.01	PASS
Band25	10	26640	1	#Max	QPSK	23.65	1.8	23.30	33.01	25.45	33.01	PASS
Band25	10	26640	25	#0	QPSK	22.33	1.8	21.98	33.01	24.13	33.01	PASS
Band25	10	26640	25	#Mid	QPSK	22.31	1.8	21.96	33.01	24.11	33.01	PASS
Band25	10	26640	25	#Max	QPSK	22.15	1.8	21.80	33.01	23.95	33.01	PASS
Band25	10	26640	50	#0	QPSK	22.27	1.8	21.92	33.01	24.07	33.01	PASS
Band25	10	26640	1	#0	16QAM	22.17	1.8	21.82	33.01	23.97	33.01	PASS
Band25	10	26640	1	#Mid	16QAM	22.23	1.8	21.88	33.01	24.03	33.01	PASS
Band25	10	26640	1	#Max	16QAM	22.31	1.8	21.96	33.01	24.11	33.01	PASS
Band25	10	26640	25	#0	16QAM	21.30	1.8	20.95	33.01	23.10	33.01	PASS
Band25	10	26640	25	#Mid	16QAM	21.37	1.8	21.02	33.01	23.17	33.01	PASS
Band25	10	26640	25	#Max	16QAM	21.18	1.8	20.83	33.01	22.98	33.01	PASS
Band25	10	26640	50	#0	16QAM	21.20	1.8	20.85	33.01	23.00	33.01	PASS
Band25	15	26115	1	#0	QPSK	23.21	1.8	22.86	33.01	25.01	33.01	PASS
Band25	15	26115	1	#Mid	QPSK	23.47	1.8	23.12	33.01	25.27	33.01	PASS
Band25	15	26115	1	#Max	QPSK	23.46	1.8	23.11	33.01	25.26	33.01	PASS
Band25	15	26115	36	#0	QPSK	22.46	1.8	22.11	33.01	24.26	33.01	PASS
Band25	15	26115	36	#Mid	QPSK	22.48	1.8	22.13	33.01	24.28	33.01	PASS
Band25	15	26115	36	#Max	QPSK	22.46	1.8	22.11	33.01	24.26	33.01	PASS
Band25	15	26115	75	#0	QPSK	22.48	1.8	22.13	33.01	24.28	33.01	PASS
Band25	15	26115	1	#0	16QAM	22.63	1.8	22.28	33.01	24.43	33.01	PASS
Band25	15	26115	1	#Mid	16QAM	22.83	1.8	22.48	33.01	24.63	33.01	PASS
Band25	15	26115	1	#Max	16QAM	22.83	1.8	22.48	33.01	24.63	33.01	PASS
Band25	15	26115	36	#0	16QAM	21.42	1.8	21.07	33.01	23.22	33.01	PASS
Band25	15	26115	36	#Mid	16QAM	21.50	1.8	21.15	33.01	23.30	33.01	PASS
Band25	15	26115	36	#Max	16QAM	21.44	1.8	21.09	33.01	23.24	33.01	PASS
Band25	15	26115	75	#0	16QAM	21.43	1.8	21.08	33.01	23.23	33.01	PASS
Band25	15	26365	1	#0	QPSK	23.35	1.8	23.00	33.01	25.15	33.01	PASS
Band25	15	26365	1	#Mid	QPSK	23.37	1.8	23.02	33.01	25.17	33.01	PASS
Band25	15	26365	1	#Max	QPSK	23.34	1.8	22.99	33.01	25.14	33.01	PASS
Band25	15	26365	36	#0	QPSK	22.29	1.8	21.94	33.01	24.09	33.01	PASS
Band25	15	26365	36	#Mid	QPSK	22.44	1.8	22.09	33.01	24.24	33.01	PASS
Band25	15	26365	36	#Max	QPSK	22.35	1.8	22.00	33.01	24.15	33.01	PASS

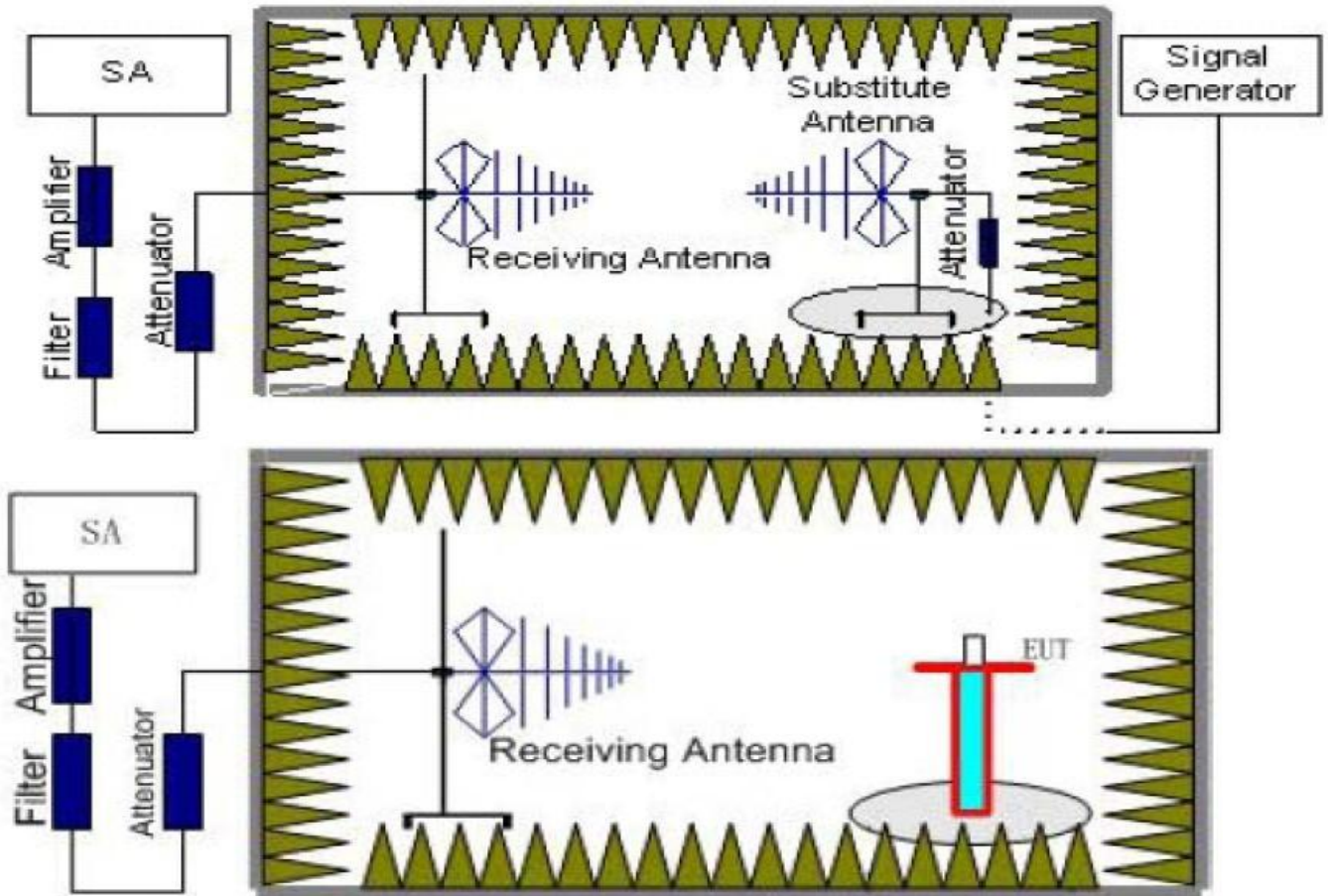
Band25	15	26365	75	#0	QPSK	22.36	1.8	22.01	33.01	24.16	33.01	PASS
Band25	15	26365	1	#0	16QAM	22.50	1.8	22.15	33.01	24.30	33.01	PASS
Band25	15	26365	1	#Mid	16QAM	22.50	1.8	22.15	33.01	24.30	33.01	PASS
Band25	15	26365	1	#Max	16QAM	22.47	1.8	22.12	33.01	24.27	33.01	PASS
Band25	15	26365	36	#0	16QAM	21.30	1.8	20.95	33.01	23.10	33.01	PASS
Band25	15	26365	36	#Mid	16QAM	21.43	1.8	21.08	33.01	23.23	33.01	PASS
Band25	15	26365	36	#Max	16QAM	21.38	1.8	21.03	33.01	23.18	33.01	PASS
Band25	15	26365	75	#0	16QAM	21.27	1.8	20.92	33.01	23.07	33.01	PASS
Band25	15	26615	1	#0	QPSK	23.37	1.8	23.02	33.01	25.17	33.01	PASS
Band25	15	26615	1	#Mid	QPSK	23.44	1.8	23.09	33.01	25.24	33.01	PASS
Band25	15	26615	1	#Max	QPSK	23.60	1.8	23.25	33.01	25.40	33.01	PASS
Band25	15	26615	36	#0	QPSK	22.17	1.8	21.82	33.01	23.97	33.01	PASS
Band25	15	26615	36	#Mid	QPSK	22.39	1.8	22.04	33.01	24.19	33.01	PASS
Band25	15	26615	36	#Max	QPSK	22.23	1.8	21.88	33.01	24.03	33.01	PASS
Band25	15	26615	75	#0	QPSK	22.24	1.8	21.89	33.01	24.04	33.01	PASS
Band25	15	26615	1	#0	16QAM	22.38	1.8	22.03	33.01	24.18	33.01	PASS
Band25	15	26615	1	#Mid	16QAM	22.48	1.8	22.13	33.01	24.28	33.01	PASS
Band25	15	26615	1	#Max	16QAM	22.51	1.8	22.16	33.01	24.31	33.01	PASS
Band25	15	26615	36	#0	16QAM	21.07	1.8	20.72	33.01	22.87	33.01	PASS
Band25	15	26615	36	#Mid	16QAM	21.33	1.8	20.98	33.01	23.13	33.01	PASS
Band25	15	26615	36	#Max	16QAM	21.19	1.8	20.84	33.01	22.99	33.01	PASS
Band25	15	26615	75	#0	16QAM	21.19	1.8	20.84	33.01	22.99	33.01	PASS
Band25	20	26140	1	#0	QPSK	23.24	1.8	22.89	33.01	25.04	33.01	PASS
Band25	20	26140	1	#Mid	QPSK	23.57	1.8	23.22	33.01	25.37	33.01	PASS
Band25	20	26140	1	#Max	QPSK	23.45	1.8	23.10	33.01	25.25	33.01	PASS
Band25	20	26140	50	#0	QPSK	22.55	1.8	22.20	33.01	24.35	33.01	PASS
Band25	20	26140	50	#Mid	QPSK	22.48	1.8	22.13	33.01	24.28	33.01	PASS
Band25	20	26140	50	#Max	QPSK	22.43	1.8	22.08	33.01	24.23	33.01	PASS
Band25	20	26140	100	#0	QPSK	22.52	1.8	22.17	33.01	24.32	33.01	PASS
Band25	20	26140	1	#0	16QAM	22.39	1.8	22.04	33.01	24.19	33.01	PASS
Band25	20	26140	1	#Mid	16QAM	22.76	1.8	22.41	33.01	24.56	33.01	PASS
Band25	20	26140	1	#Max	16QAM	22.64	1.8	22.29	33.01	24.44	33.01	PASS
Band25	20	26140	50	#0	16QAM	21.50	1.8	21.15	33.01	23.30	33.01	PASS
Band25	20	26140	50	#Mid	16QAM	21.44	1.8	21.09	33.01	23.24	33.01	PASS
Band25	20	26140	50	#Max	16QAM	21.42	1.8	21.07	33.01	23.22	33.01	PASS
Band25	20	26140	100	#0	16QAM	21.44	1.8	21.09	33.01	23.24	33.01	PASS
Band25	20	26365	1	#0	QPSK	23.31	1.8	22.96	33.01	25.11	33.01	PASS
Band25	20	26365	1	#Mid	QPSK	23.49	1.8	23.14	33.01	25.29	33.01	PASS
Band25	20	26365	1	#Max	QPSK	23.32	1.8	22.97	33.01	25.12	33.01	PASS
Band25	20	26365	50	#0	QPSK	22.10	1.8	21.75	33.01	23.90	33.01	PASS
Band25	20	26365	50	#Mid	QPSK	22.37	1.8	22.02	33.01	24.17	33.01	PASS
Band25	20	26365	50	#Max	QPSK	22.24	1.8	21.89	33.01	24.04	33.01	PASS
Band25	20	26365	100	#0	QPSK	22.19	1.8	21.84	33.01	23.99	33.01	PASS
Band25	20	26365	1	#0	16QAM	22.48	1.8	22.13	33.01	24.28	33.01	PASS
Band25	20	26365	1	#Mid	16QAM	22.62	1.8	22.27	33.01	24.42	33.01	PASS
Band25	20	26365	1	#Max	16QAM	22.54	1.8	22.19	33.01	24.34	33.01	PASS
Band25	20	26365	50	#0	16QAM	21.08	1.8	20.73	33.01	22.88	33.01	PASS
Band25	20	26365	50	#Mid	16QAM	21.40	1.8	21.05	33.01	23.20	33.01	PASS
Band25	20	26365	50	#Max	16QAM	21.25	1.8	20.90	33.01	23.05	33.01	PASS
Band25	20	26365	100	#0	16QAM	21.14	1.8	20.79	33.01	22.94	33.01	PASS
Band25	20	26590	1	#0	QPSK	23.22	1.8	22.87	33.01	25.02	33.01	PASS
Band25	20	26590	1	#Mid	QPSK	23.45	1.8	23.10	33.01	25.25	33.01	PASS
Band25	20	26590	1	#Max	QPSK	23.43	1.8	23.08	33.01	25.23	33.01	PASS
Band25	20	26590	50	#0	QPSK	22.14	1.8	21.79	33.01	23.94	33.01	PASS
Band25	20	26590	50	#Mid	QPSK	22.36	1.8	22.01	33.01	24.16	33.01	PASS
Band25	20	26590	50	#Max	QPSK	22.01	1.8	21.66	33.01	23.81	33.01	PASS
Band25	20	26590	100	#0	QPSK	22.09	1.8	21.74	33.01	23.89	33.01	PASS
Band25	20	26590	1	#0	16QAM	22.53	1.8	22.18	33.01	24.33	33.01	PASS
Band25	20	26590	1	#Mid	16QAM	22.67	1.8	22.32	33.01	24.47	33.01	PASS
Band25	20	26590	1	#Max	16QAM	22.62	1.8	22.27	33.01	24.42	33.01	PASS
Band25	20	26590	50	#0	16QAM	21.15	1.8	20.80	33.01	22.95	33.01	PASS
Band25	20	26590	50	#Mid	16QAM	21.38	1.8	21.03	33.01	23.18	33.01	PASS
Band25	20	26590	50	#Max	16QAM	21.03	1.8	20.68	33.01	22.83	33.01	PASS
Band25	20	26590	100	#0	16QAM	21.08	1.8	20.73	33.01	22.88	33.01	PASS

4.1.2. Radiated Output Power

LIMIT

This is the test for the maximum radiated power from the EUT.
Rule Part 22H.232(b) specifies, "Mobile/portable stations are limited to 7 watts e.i.r.p.

TEST CONFIGURATION



TEST PROCEDURE

1. EUT was placed on a 1.50 meter high non-conductive stand at a 3 meter test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the EUT for emission measurements. The height of receiving antenna is 1.50m. Detected emissions were maximized at each frequency by rotating the EUT through 360° and adjusting the receiving antenna polarization. The radiated emission measurements of all transmit frequencies in three channels (High, Middle, Low) were measured with peak detector.
2. A log-periodic antenna or double-ridged waveguide horn antenna shall be substituted in place of the EUT. The log-periodic antenna will be driven by a signal generator and the level will be adjusted till the same power value on the spectrum analyzer or receiver. The level of the spurious emissions can be calculated through the level of the signal generator, cable loss, the gain of the substitution antenna and the reading of the spectrum analyzer or receiver.
3. The EUT is then put into continuously transmitting mode at its maximum power level during the test. Set Test Receiver or Spectrum RBW=1MHz, VBW=3MHz, And the maximum value of the receiver should be recorded as (P_r).

4. The EUT shall be replaced by a substitution antenna. In the chamber, a substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (P_{Mea}) is applied to the input of the substitution antenna, and adjust the level of the signal generator output until the value of the receiver reach the previously recorded (P_r). The power of signal source (P_{Mea}) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.
5. A amplifier should be connected to the Signal Source output port. And the cable should be connect between the Amplifier and the Substitution Antenna. The cable loss (P_{cl}), the Substitution Antenna Gain (G_a) and the Amplifier Gain (P_{Ag}) should be recorded after test.

The measurement results are obtained as described below: $\text{Power(EIRP)} = P_{Mea} - P_{Ag} - P_{cl} + G_a$

We used SMF100A microwave signal generator which signal level can up to 33dBm, so we not used power

Amplifier for substitution test; The measurement results are amend as described below:

$$\text{Power(EIRP)} = P_{Mea} - P_{cl} + G_a$$

6. This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dBi) and known input power.
7. ERP can be calculated from EIRP by subtracting the gain of the dipole, $\text{ERP} = \text{EIRP} - 2.15\text{dBi}$.

TEST RESULTS**Band 2****Radiated Measurement:***Remark:*

1. We were tested all RB Configuration for the model Blackbox-BBGR-M, the Mode refer 3GPP TS136 521 for each Channel Bandwidth of LTE FDD Band 2; recorded worst case for each Channel Bandwidth of LTE FDD Band 2 at the H Polarization
2. We were not recorded other points as values lower than limits.
3. $EIRP = P_{Mea}(dBm) - P_{cl}(dB) + P_{Ag}(dB) + G_a(dBi)$

LTE FDD Band 2_Channel Bandwidth 1.4MHz_QPSK 100%RB#0

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1850.7	-21.26	3.41	10.24	33.6	19.17	33.01	13.84	H
1880.0	-20.06	3.49	10.24	33.6	20.29	33.01	12.72	H
1909.3	-20.65	3.55	10.23	33.6	19.63	33.01	13.38	H

LTE FDD Band 2_Channel Bandwidth 3MHz_QPSK 100%RB#0

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1851.5	-20.65	3.41	10.24	33.6	19.78	33.01	13.23	H
1880.0	-19.85	3.49	10.24	33.6	20.5	33.01	12.51	H
1908.5	-19.79	3.55	10.23	33.6	20.49	33.01	12.52	H

LTE FDD Band 2_Channel Bandwidth 5MHz_QPSK 100%RB#0

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1852.5	-20.06	3.41	10.24	33.6	20.37	33.01	12.64	H
1880.0	-19.72	3.49	10.24	33.6	20.63	33.01	12.38	H
1907.5	-19.95	3.55	10.23	33.6	20.33	33.01	12.68	H

LTE FDD Band 2_Channel Bandwidth 10MHz_QPSK 100%RB#0

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1855.0	-20.06	3.41	10.24	33.6	20.37	33.01	12.64	H
1880.0	-19.63	3.49	10.24	33.6	20.72	33.01	12.29	H
1905.0	-19.79	3.55	10.23	33.6	20.49	33.01	12.52	H

LTE FDD Band 2_Channel Bandwidth 15MHz_QPSK 100%RB#0

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1857.5	-21.05	3.41	10.24	33.6	19.38	33.01	13.63	H
1880.0	-20.13	3.49	10.24	33.6	20.22	33.01	12.79	H
1902.5	-20.18	3.55	10.23	33.6	20.1	33.01	12.91	H

LTE FDD Band 2_Channel Bandwidth 20MHz_QPSK 100%RB#0

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1860.0	-21.86	3.41	10.24	33.6	18.57	33.01	14.44	H
1880.0	-20.62	3.49	10.24	33.6	19.73	33.01	13.28	H
1900.0	-20.58	3.55	10.23	33.6	19.7	33.01	13.31	H

LTE FDD Band 2_Channel Bandwidth 1.4MHz_16QAM 100%RB#0

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1850.7	-22.17	3.41	10.24	33.6	18.26	33.01	14.75	H
1880.0	-21.96	3.49	10.24	33.6	18.39	33.01	14.62	H
1909.3	-21.58	3.55	10.23	33.6	18.7	33.01	14.31	H

LTE FDD Band 2_Channel Bandwidth 3MHz_16QAM 100%RB#0

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1851.5	-23.02	3.41	10.24	33.6	17.41	33.01	15.6	H
1880.0	-22.56	3.49	10.24	33.6	17.79	33.01	15.22	H
1908.5	-22.59	3.55	10.23	33.6	17.69	33.01	15.32	H

LTE FDD Band 2_Channel Bandwidth 5MHz_16QAM 100%RB#0

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1852.5	-23.67	3.41	10.24	33.6	16.76	33.01	16.25	H
1880.0	-22.86	3.49	10.24	33.6	17.49	33.01	15.52	H
1907.5	-22.79	3.55	10.23	33.6	17.49	33.01	15.52	H

LTE FDD Band 2_Channel Bandwidth 10MHz_16QAM 100%RB#0

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1855.0	-23.68	3.41	10.24	33.6	16.75	33.01	16.26	H
1880.0	-22.75	3.49	10.24	33.6	17.6	33.01	15.41	H
1905.0	-22.92	3.55	10.23	33.6	17.36	33.01	15.65	H

LTE FDD Band 2_Channel Bandwidth 15MHz_16QAM 100%RB#0

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1857.5	-23.62	3.41	10.24	33.6	16.81	33.01	16.2	H
1880.0	-22.79	3.49	10.24	33.6	17.56	33.01	15.45	H
1902.5	-22.85	3.55	10.23	33.6	17.43	33.01	15.58	H

LTE FDD Band 2_Channel Bandwidth 20MHz_16QAM 100%RB#0

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1860.0	-23.67	3.41	10.24	33.6	16.76	33.01	16.25	H
1880.0	-22.85	3.49	10.24	33.6	17.5	33.01	15.51	H
1900.0	-22.93	3.55	10.23	33.6	17.35	33.01	15.66	H

Band 4*Remark:*

1. We were tested all RB Configuration for the model Blackbox-BBGR-M the Mode refer 3GPP TS136 521 for each Channel Bandwidth of LTE FDD Band 4; recorded worst case for each Channel Bandwidth of LTE FDD Band 4 at the H Polarization
2. We were not recorded other points as values lower than limits.
3. $EIRP = P_{Mea}(dBm) - P_{cl}(dB) + P_{Ag}(dB) + G_a(dBi)$

LTE FDD Band 4_Channel Bandwidth 1.4MHz_QPSK

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1710.7	-22.62	3.06	9.68	34.8	18.8	33.01	14.21	H
1732.5	-22.56	3.17	9.68	34.8	18.75	33.01	14.26	H
1754.3	-21.42	3.22	9.75	34.8	19.91	33.01	13.1	H

LTE FDD Band 4_Channel Bandwidth 3MHz_QPSK

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1711.5	-21.98	3.06	9.68	34.8	19.44	33.01	13.57	H
1732.5	-21.75	3.17	9.68	34.8	19.56	33.01	13.45	H
1753.5	-22.16	3.22	9.75	34.8	19.17	33.01	13.84	H

LTE FDD Band 4_Channel Bandwidth 5MHz_QPSK

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1712.5	-21.26	3.06	9.68	34.8	20.16	33.01	12.85	H
1732.5	-20.62	3.17	9.68	34.8	20.69	33.01	12.32	H
1752.5	-20.85	3.22	9.75	34.8	20.48	33.01	12.53	H

LTE FDD Band 4_Channel Bandwidth 10MHz_QPSK

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1715.0	-21.18	3.06	9.68	34.8	20.24	33.01	12.77	H
1732.5	-20.42	3.17	9.68	34.8	20.89	33.01	12.12	H
1750.0	-20.75	3.22	9.75	34.8	20.58	33.01	12.43	H

LTE FDD Band 4_Channel Bandwidth 15MHz_QPSK

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1717.5	-21.15	3.06	9.68	34.8	20.27	33.01	12.74	H
1732.5	-20.13	3.17	9.68	34.8	21.18	33.01	11.83	H
1747.5	-21.05	3.22	9.75	34.8	20.28	33.01	12.73	H

LTE FDD Band 4_Channel Bandwidth 20MHz_QPSK

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1720.0	-21.81	3.06	9.68	34.8	19.61	33.01	13.4	H
1732.5	-20.79	3.17	9.68	34.8	20.52	33.01	12.49	H
1745.0	-20.96	3.22	9.75	34.8	20.37	33.01	12.64	H

LTE FDD Band 4_Channel Bandwidth 1.4MHz_16QAM

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1710.7	-22.96	3.06	9.68	34.8	18.46	33.01	14.55	H
1732.5	-22.07	3.17	9.68	34.8	19.24	33.01	13.77	H
1754.3	-22.65	3.22	9.75	34.8	18.68	33.01	14.33	H

LTE FDD Band 4_Channel Bandwidth 3MHz_16QAM

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1711.5	-23.26	3.06	9.68	34.8	18.16	33.01	14.85	H
1732.5	-22.71	3.17	9.68	34.8	18.6	33.01	14.41	H
1753.5	-23.07	3.22	9.75	34.8	18.26	33.01	14.75	H

LTE FDD Band 4_Channel Bandwidth 5MHz_16QAM

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1712.5	-23.72	3.06	9.68	34.8	17.7	33.01	15.31	H
1732.5	-23.61	3.17	9.68	34.8	17.7	33.01	15.31	H
1752.5	-22.50	3.22	9.75	34.8	18.83	33.01	14.18	H

LTE FDD Band 4_Channel Bandwidth 10MHz_16QAM

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1715.0	-23.97	3.06	9.68	34.8	17.45	33.01	15.56	H
1732.5	-23.76	3.17	9.68	34.8	17.55	33.01	15.46	H
1750.0	-23.48	3.22	9.75	34.8	17.85	33.01	15.16	H

LTE FDD Band 4_Channel Bandwidth 15MHz_16QAM

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1717.5	-23.70	3.06	9.68	34.8	17.72	33.01	15.29	H
1732.5	-22.86	3.17	9.68	34.8	18.45	33.01	14.56	H
1747.5	-24.22	3.22	9.75	34.8	17.11	33.01	15.90	H

LTE FDD Band 4_Channel Bandwidth 20MHz_16QAM

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1720.0	-24.47	3.06	9.68	34.8	16.95	33.01	16.06	H
1732.5	-23.21	3.17	9.68	34.8	18.1	33.01	14.91	H
1745.0	-24.02	3.22	9.75	34.8	17.31	33.01	15.7	H

Band 25

Remark:

1. We were tested all RB Configuration refer 3GPP TS136 521 for each Channel Bandwidth of LTE FDD Band 25; recorded worst case for each Channel Bandwidth of LTE FDD Band 25.
2. We were not recorded other points as values lower than limits.
3. $EIRP = P_{Mea}(dBm) - P_{cl}(dB) + P_{Ag}(dB) + G_a(dBi)$

LTE FDD Band 25_Channel Bandwidth 1.4MHz_QPSK

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1850.7	-20.64	3.41	10.24	33.6	19.79	33.01	13.22	H
1882.5	-19.01	3.49	10.24	33.6	21.34	33.01	11.67	H
1914.3	-22.19	3.55	10.23	33.6	18.09	33.01	14.92	H

LTE FDD Band 25_Channel Bandwidth 3MHz_QPSK

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1851.5	-20.43	3.41	10.24	33.6	20.00	33.01	13.01	H
1882.5	-20.69	3.49	10.24	33.6	19.66	33.01	13.35	H
1913.5	-21.10	3.55	10.23	33.6	19.18	33.01	13.83	H

LTE FDD Band 25_Channel Bandwidth 5MHz_QPSK

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1852.5	-20.42	3.41	10.24	33.6	20.01	33.01	13	H
1882.5	-20.47	3.49	10.24	33.6	19.88	33.01	13.13	H
1912.5	-22.63	3.55	10.23	33.6	17.65	33.01	15.36	H

LTE FDD Band 25_Channel Bandwidth 10MHz_QPSK

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1855.0	-21.21	3.41	10.24	33.6	19.22	33.01	13.79	H
1882.5	-20.72	3.49	10.24	33.6	19.63	33.01	13.38	H
1910.0	-21.86	3.55	10.23	33.6	18.42	33.01	14.59	H

LTE FDD Band 25_Channel Bandwidth 15MHz_QPSK

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1857.5	-21.10	3.41	10.24	33.6	19.33	33.01	13.68	H
1882.5	-20.94	3.49	10.24	33.6	19.41	33.01	13.6	H
1907.5	-20.90	3.55	10.23	33.6	19.38	33.01	13.63	H

LTE FDD Band 25_Channel Bandwidth 20MHz_QPSK

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1860.0	-20.62	3.41	10.24	33.6	19.81	33.01	13.2	H
1882.5	-20.40	3.49	10.24	33.6	19.95	33.01	13.06	H
1905.0	-21.23	3.55	10.23	33.6	19.05	33.01	13.96	H

LTE FDD Band 25_Channel Bandwidth 1.4MHz_16QAM

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1850.7	-20.47	3.41	10.24	33.6	19.96	33.01	13.05	H
1880.0	-20.30	3.49	10.24	33.6	20.05	33.01	12.96	H
1909.3	-21.00	3.55	10.23	33.6	19.28	33.01	13.73	H

LTE FDD Band 25_Channel Bandwidth 3MHz_16QAM

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1851.5	-23.33	3.41	10.24	33.6	17.10	33.01	15.91	H
1880.0	-22.02	3.49	10.24	33.6	18.33	33.01	14.68	H
1908.5	-22.55	3.55	10.23	33.6	17.73	33.01	15.28	H

LTE FDD Band 25_Channel Bandwidth 5MHz_16QAM

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1852.5	-22.73	3.41	10.24	33.6	17.7	33.01	15.31	H
1880.0	-22.39	3.49	10.24	33.6	17.96	33.01	15.05	H
1907.5	-23.77	3.55	10.23	33.6	16.51	33.01	16.5	H

LTE FDD Band 25_Channel Bandwidth 10MHz_16QAM

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1855.0	-22.45	3.41	10.24	33.6	17.98	33.01	15.03	H
1880.0	-21.92	3.49	10.24	33.6	18.43	33.01	14.58	H
1905.0	-23.01	3.55	10.23	33.6	17.27	33.01	15.74	H

LTE FDD Band 25_Channel Bandwidth 15MHz_16QAM

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1857.5	-22.66	3.41	10.24	33.6	17.77	33.01	15.24	H
1880.0	-21.75	3.49	10.24	33.6	18.60	33.01	14.41	H
1902.5	-22.91	3.55	10.23	33.6	17.37	33.01	15.64	H

LTE FDD Band 25_Channel Bandwidth 20MHz_16QAM

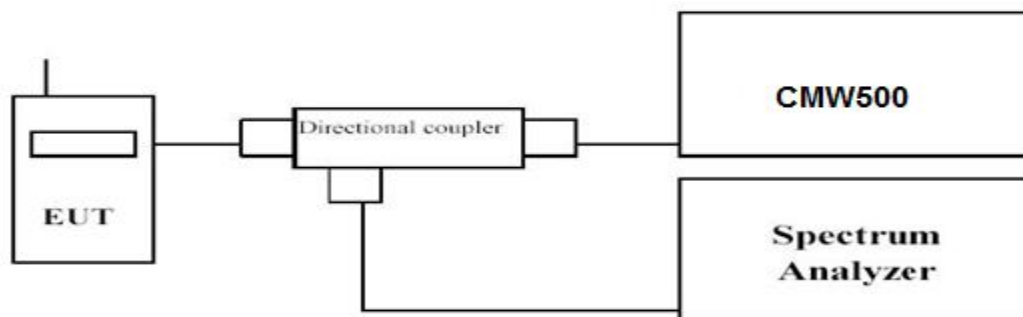
Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Ag} (dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1860.0	-22.63	3.41	10.24	33.6	17.80	33.01	15.21	H
1880.0	-21.55	3.49	10.24	33.6	18.80	33.01	14.21	H
1900.0	-22.73	3.55	10.23	33.6	17.55	33.01	15.46	H

4.2 Peak-to-Average Ratio (PAR)

LIMIT

The Peak-to-Average Ratio (PAR) of the transmission may not exceed 13 dB.

TEST CONFIGURATION



TEST PROCEDURE

1. Refer to instrument's analyzer instruction manual for details on how to use the power statistics/CCDF function;
2. Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth;
3. Set the number of counts to a value that stabilizes the measured CCDF curve;
4. Set the measurement interval as follows:
 - 1). for continuous transmissions, set to 1 ms,
 - 2). for burst transmissions, employ an external trigger that is synchronized with the EUT burst timing sequence, or use the internal burst trigger with a trigger level that allows the burst to stabilize and set the measurement interval to a time that is less than or equal to the burst duration.
5. Record the maximum PAPR level associated with a probability of 0.1%.

TEST RESULTS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band2	1.4	18607	1	#0	QPSK	5.09	13	PASS
Band2	1.4	18607	1	#0	16QAM	6.31	13	PASS
Band2	1.4	18900	1	#0	QPSK	4.73	13	PASS
Band2	1.4	18900	1	#0	16QAM	5.29	13	PASS
Band2	1.4	19193	1	#0	QPSK	5.06	13	PASS
Band2	1.4	19193	1	#0	16QAM	5.68	13	PASS
Band2	3	18615	1	#0	QPSK	5.17	13	PASS
Band2	3	18615	1	#0	16QAM	5.73	13	PASS
Band2	3	18900	1	#0	QPSK	4.91	13	PASS
Band2	3	18900	1	#0	16QAM	6.22	13	PASS
Band2	3	19185	1	#0	QPSK	4.87	13	PASS
Band2	3	19185	1	#0	16QAM	5.32	13	PASS
Band2	5	18625	1	#0	QPSK	5.01	13	PASS
Band2	5	18625	1	#0	16QAM	5.44	13	PASS
Band2	5	18900	1	#0	QPSK	4.94	13	PASS
Band2	5	18900	1	#0	16QAM	5.51	13	PASS
Band2	5	19175	1	#0	QPSK	5.08	13	PASS
Band2	5	19175	1	#0	16QAM	5.58	13	PASS
Band2	10	18650	1	#0	QPSK	5.05	13	PASS
Band2	10	18650	1	#0	16QAM	5.70	13	PASS
Band2	10	18900	1	#0	QPSK	4.74	13	PASS
Band2	10	18900	1	#0	16QAM	5.35	13	PASS
Band2	10	19150	1	#0	QPSK	4.15	13	PASS
Band2	10	19150	1	#0	16QAM	5.03	13	PASS
Band2	15	18675	1	#0	QPSK	5.18	13	PASS
Band2	15	18675	1	#0	16QAM	5.77	13	PASS
Band2	15	18900	1	#0	QPSK	4.67	13	PASS
Band2	15	18900	1	#0	16QAM	5.52	13	PASS
Band2	15	19125	1	#0	QPSK	4.74	13	PASS
Band2	15	19125	1	#0	16QAM	5.67	13	PASS
Band2	20	18700	1	#0	QPSK	4.99	13	PASS
Band2	20	18700	1	#0	16QAM	5.36	13	PASS
Band2	20	18900	1	#0	QPSK	4.49	13	PASS
Band2	20	18900	1	#0	16QAM	5.36	13	PASS
Band2	20	19100	1	#0	QPSK	4.88	13	PASS
Band2	20	19100	1	#0	16QAM	5.97	13	PASS
Band4	1.4	19957	1	#0	QPSK	4.84	13	PASS
Band4	1.4	19957	1	#0	16QAM	6.00	13	PASS
Band4	1.4	20175	1	#0	QPSK	5.04	13	PASS
Band4	1.4	20175	1	#0	16QAM	5.57	13	PASS
Band4	1.4	20393	1	#0	QPSK	5.34	13	PASS
Band4	1.4	20393	1	#0	16QAM	6.22	13	PASS
Band4	3	19965	1	#0	QPSK	4.93	13	PASS
Band4	3	19965	1	#0	16QAM	5.75	13	PASS
Band4	3	20175	1	#0	QPSK	5.27	13	PASS
Band4	3	20175	1	#0	16QAM	6.23	13	PASS
Band4	3	20385	1	#0	QPSK	4.96	13	PASS
Band4	3	20385	1	#0	16QAM	5.53	13	PASS
Band4	5	19975	1	#0	QPSK	4.78	13	PASS
Band4	5	19975	1	#0	16QAM	5.27	13	PASS
Band4	5	20175	1	#0	QPSK	5.26	13	PASS
Band4	5	20175	1	#0	16QAM	5.99	13	PASS
Band4	5	20375	1	#0	QPSK	5.24	13	PASS
Band4	5	20375	1	#0	16QAM	5.65	13	PASS
Band4	10	20000	1	#0	QPSK	4.61	13	PASS
Band4	10	20000	1	#0	16QAM	5.30	13	PASS
Band4	10	20175	1	#0	QPSK	5.45	13	PASS
Band4	10	20175	1	#0	16QAM	6.17	13	PASS
Band4	10	20350	1	#0	QPSK	4.99	13	PASS
Band4	10	20350	1	#0	16QAM	5.88	13	PASS
Band4	15	20025	1	#0	QPSK	4.84	13	PASS
Band4	15	20025	1	#0	16QAM	5.75	13	PASS
Band4	15	20175	1	#0	QPSK	5.44	13	PASS
Band4	15	20175	1	#0	16QAM	6.19	13	PASS
Band4	15	20325	1	#0	QPSK	5.10	13	PASS
Band4	15	20325	1	#0	16QAM	5.79	13	PASS
Band4	20	20050	1	#0	QPSK	4.98	13	PASS
Band4	20	20050	1	#0	16QAM	6.07	13	PASS
Band4	20	20175	1	#0	QPSK	5.27	13	PASS
Band4	20	20175	1	#0	16QAM	5.72	13	PASS
Band4	20	20300	1	#0	QPSK	5.23	13	PASS
Band4	20	20300	1	#0	16QAM	5.82	13	PASS
Band25	1.4	26047	1	#0	QPSK	5.24	13	PASS
Band25	1.4	26047	1	#0	16QAM	6.08	13	PASS
Band25	1.4	26365	1	#0	QPSK	4.75	13	PASS
Band25	1.4	26365	1	#0	16QAM	5.33	13	PASS
Band25	1.4	26683	1	#0	QPSK	4.60	13	PASS
Band25	1.4	26683	1	#0	16QAM	5.65	13	PASS
Band25	3	26055	1	#0	QPSK	5.19	13	PASS
Band25	3	26055	1	#0	16QAM	6.09	13	PASS
Band25	3	26365	1	#0	QPSK	4.98	13	PASS
Band25	3	26365	1	#0	16QAM	5.93	13	PASS
Band25	3	26675	1	#0	QPSK	4.82	13	PASS
Band25	3	26675	1	#0	16QAM	5.34	13	PASS
Band25	5	26065	1	#0	QPSK	5.31	13	PASS
Band25	5	26065	1	#0	16QAM	5.80	13	PASS
Band25	5	26365	1	#0	QPSK	5.10	13	PASS
Band25	5	26365	1	#0	16QAM	5.60	13	PASS
Band25	5	26665	1	#0	QPSK	4.97	13	PASS
Band25	5	26665	1	#0	16QAM	5.35	13	PASS
Band25	10	26090	1	#0	QPSK	4.97	13	PASS
Band25	10	26090	1	#0	16QAM	5.63	13	PASS
Band25	10	26365	1	#0	QPSK	5.01	13	PASS
Band25	10	26365	1	#0	16QAM	5.79	13	PASS
Band25	10	26640	1	#0	QPSK	5.11	13	PASS
Band25	10	26640	1	#0	16QAM	5.89	13	PASS

Band25	15	26115	1	#0	QPSK	5.27	13	PASS
Band25	15	26115	1	#0	16QAM	6.12	13	PASS
Band25	15	26365	1	#0	QPSK	4.81	13	PASS
Band25	15	26365	1	#0	16QAM	5.54	13	PASS
Band25	15	26615	1	#0	QPSK	4.35	13	PASS
Band25	15	26615	1	#0	16QAM	5.15	13	PASS
Band25	20	26140	1	#0	QPSK	5.28	13	PASS
Band25	20	26140	1	#0	16QAM	5.97	13	PASS
Band25	20	26365	1	#0	QPSK	4.89	13	PASS
Band25	20	26365	1	#0	16QAM	5.55	13	PASS
Band25	20	26590	1	#0	QPSK	4.38	13	PASS
Band25	20	26590	1	#0	16QAM	5.10	13	PASS

