

Band4	10	20000	25	#0	QAM16	21.66	0.14	21.8	30	PASS
Band4	10	20000	25	#Mid	QAM16	21.62	0.14	21.76	30	PASS
Band4	10	20000	25	#Max	QAM16	21.59	0.14	21.73	30	PASS
Band4	10	20000	50	#0	QAM16	21.63	0.14	21.77	30	PASS
Band4	10	20175	1	#0	QPSK	23.52	0.14	23.66	30	PASS
Band4	10	20175	1	#Mid	QPSK	23.57	0.14	23.71	30	PASS
Band4	10	20175	1	#Max	QPSK	23.6	0.14	23.74	30	PASS
Band4	10	20175	25	#0	QPSK	22.53	0.14	22.67	30	PASS
Band4	10	20175	25	#Mid	QPSK	22.59	0.14	22.73	30	PASS
Band4	10	20175	25	#Max	QPSK	22.63	0.14	22.77	30	PASS
Band4	10	20175	50	#0	QPSK	22.59	0.14	22.73	30	PASS
Band4	10	20175	1	#0	QAM16	22.64	0.14	22.78	30	PASS
Band4	10	20175	1	#Mid	QAM16	22.68	0.14	22.82	30	PASS
Band4	10	20175	1	#Max	QAM16	22.74	0.14	22.88	30	PASS
Band4	10	20175	25	#0	QAM16	21.52	0.14	21.66	30	PASS
Band4	10	20175	25	#Mid	QAM16	21.55	0.14	21.69	30	PASS
Band4	10	20175	25	#Max	QAM16	21.58	0.14	21.72	30	PASS
Band4	10	20175	50	#0	QAM16	21.6	0.14	21.74	30	PASS
Band4	10	20350	1	#0	QPSK	23.81	0.14	23.95	30	PASS
Band4	10	20350	1	#Mid	QPSK	23.79	0.14	23.93	30	PASS
Band4	10	20350	1	#Max	QPSK	23.77	0.14	23.91	30	PASS
Band4	10	20350	25	#0	QPSK	22.74	0.14	22.88	30	PASS
Band4	10	20350	25	#Mid	QPSK	22.72	0.14	22.86	30	PASS
Band4	10	20350	25	#Max	QPSK	22.7	0.14	22.84	30	PASS
Band4	10	20350	50	#0	QPSK	22.73	0.14	22.87	30	PASS
Band4	10	20350	1	#0	QAM16	22.62	0.14	22.76	30	PASS
Band4	10	20350	1	#Mid	QAM16	22.62	0.14	22.76	30	PASS
Band4	10	20350	1	#Max	QAM16	22.59	0.14	22.73	30	PASS
Band4	10	20350	25	#0	QAM16	21.75	0.14	21.89	30	PASS
Band4	10	20350	25	#Mid	QAM16	21.73	0.14	21.87	30	PASS
Band4	10	20350	25	#Max	QAM16	21.73	0.14	21.87	30	PASS
Band4	10	20350	50	#0	QAM16	21.73	0.14	21.87	30	PASS
Band4	15	20025	1	#0	QPSK	23.61	0.14	23.75	30	PASS
Band4	15	20025	1	#Mid	QPSK	23.46	0.14	23.6	30	PASS
Band4	15	20025	1	#Max	QPSK	23.55	0.14	23.69	30	PASS
Band4	15	20025	36	#0	QPSK	22.63	0.14	22.77	30	PASS
Band4	15	20025	36	#Mid	QPSK	22.58	0.14	22.72	30	PASS
Band4	15	20025	36	#Max	QPSK	22.6	0.14	22.74	30	PASS
Band4	15	20025	75	#0	QPSK	22.63	0.14	22.77	30	PASS
Band4	15	20025	1	#0	QAM16	23.02	0.14	23.16	30	PASS
Band4	15	20025	1	#Mid	QAM16	22.91	0.14	23.05	30	PASS
Band4	15	20025	1	#Max	QAM16	22.98	0.14	23.12	30	PASS
Band4	15	20025	36	#0	QAM16	21.65	0.14	21.79	30	PASS
Band4	15	20025	36	#Mid	QAM16	21.61	0.14	21.75	30	PASS
Band4	15	20025	36	#Max	QAM16	21.62	0.14	21.76	30	PASS
Band4	15	20025	75	#0	QAM16	21.6	0.14	21.74	30	PASS
Band4	15	20175	1	#0	QPSK	23.54	0.14	23.68	30	PASS
Band4	15	20175	1	#Mid	QPSK	23.53	0.14	23.67	30	PASS
Band4	15	20175	1	#Max	QPSK	23.67	0.14	23.81	30	PASS

Band4	15	20175	36	#0	QPSK	22.64	0.14	22.78	30	PASS
Band4	15	20175	36	#Mid	QPSK	22.71	0.14	22.85	30	PASS
Band4	15	20175	36	#Max	QPSK	22.76	0.14	22.9	30	PASS
Band4	15	20175	75	#0	QPSK	22.73	0.14	22.87	30	PASS
Band4	15	20175	1	#0	QAM16	22.69	0.14	22.83	30	PASS
Band4	15	20175	1	#Mid	QAM16	22.66	0.14	22.8	30	PASS
Band4	15	20175	1	#Max	QAM16	22.83	0.14	22.97	30	PASS
Band4	15	20175	36	#0	QAM16	21.63	0.14	21.77	30	PASS
Band4	15	20175	36	#Mid	QAM16	21.68	0.14	21.82	30	PASS
Band4	15	20175	36	#Max	QAM16	21.73	0.14	21.87	30	PASS
Band4	15	20175	75	#0	QAM16	21.65	0.14	21.79	30	PASS
Band4	15	20325	1	#0	QPSK	23.78	0.14	23.92	30	PASS
Band4	15	20325	1	#Mid	QPSK	23.79	0.14	23.93	30	PASS
Band4	15	20325	1	#Max	QPSK	23.78	0.14	23.92	30	PASS
Band4	15	20325	36	#0	QPSK	22.82	0.14	22.96	30	PASS
Band4	15	20325	36	#Mid	QPSK	22.81	0.14	22.95	30	PASS
Band4	15	20325	36	#Max	QPSK	22.78	0.14	22.92	30	PASS
Band4	15	20325	75	#0	QPSK	22.84	0.14	22.98	30	PASS
Band4	15	20325	1	#0	QAM16	22.79	0.14	22.93	30	PASS
Band4	15	20325	1	#Mid	QAM16	22.83	0.14	22.97	30	PASS
Band4	15	20325	1	#Max	QAM16	22.85	0.14	22.99	30	PASS
Band4	15	20325	36	#0	QAM16	21.75	0.14	21.89	30	PASS
Band4	15	20325	36	#Mid	QAM16	21.75	0.14	21.89	30	PASS
Band4	15	20325	36	#Max	QAM16	21.73	0.14	21.87	30	PASS
Band4	15	20325	75	#0	QAM16	21.82	0.14	21.96	30	PASS
Band4	20	20050	1	#0	QPSK	23.65	0.14	23.79	30	PASS
Band4	20	20050	1	#Mid	QPSK	23.54	0.14	23.68	30	PASS
Band4	20	20050	1	#Max	QPSK	23.66	0.14	23.8	30	PASS
Band4	20	20050	50	#0	QPSK	22.58	0.14	22.72	30	PASS
Band4	20	20050	50	#Mid	QPSK	22.55	0.14	22.69	30	PASS
Band4	20	20050	50	#Max	QPSK	22.6	0.14	22.74	30	PASS
Band4	20	20050	100	#0	QPSK	22.57	0.14	22.71	30	PASS
Band4	20	20050	1	#0	QAM16	22.97	0.14	23.11	30	PASS
Band4	20	20050	1	#Mid	QAM16	22.88	0.14	23.02	30	PASS
Band4	20	20050	1	#Max	QAM16	22.9	0.14	23.04	30	PASS
Band4	20	20050	50	#0	QAM16	21.66	0.14	21.8	30	PASS
Band4	20	20050	50	#Mid	QAM16	21.61	0.14	21.75	30	PASS
Band4	20	20050	50	#Max	QAM16	21.67	0.14	21.81	30	PASS
Band4	20	20050	100	#0	QAM16	21.59	0.14	21.73	30	PASS
Band4	20	20175	1	#0	QPSK	23.63	0.14	23.77	30	PASS
Band4	20	20175	1	#Mid	QPSK	23.7	0.14	23.84	30	PASS
Band4	20	20175	1	#Max	QPSK	23.87	0.14	24.01	30	PASS
Band4	20	20175	50	#0	QPSK	22.56	0.14	22.7	30	PASS
Band4	20	20175	50	#Mid	QPSK	22.6	0.14	22.74	30	PASS
Band4	20	20175	50	#Max	QPSK	22.68	0.14	22.82	30	PASS
Band4	20	20175	100	#0	QPSK	22.62	0.14	22.76	30	PASS
Band4	20	20175	1	#0	QAM16	22.78	0.14	22.92	30	PASS
Band4	20	20175	1	#Mid	QAM16	22.75	0.14	22.89	30	PASS
Band4	20	20175	1	#Max	QAM16	22.97	0.14	23.11	30	PASS

Band4	20	20175	50	#0	QAM16	21.54	0.14	21.68	30	PASS
Band4	20	20175	50	#Mid	QAM16	21.57	0.14	21.71	30	PASS
Band4	20	20175	50	#Max	QAM16	21.67	0.14	21.81	30	PASS
Band4	20	20175	100	#0	QAM16	21.58	0.14	21.72	30	PASS
Band4	20	20300	1	#0	QPSK	23.64	0.14	23.78	30	PASS
Band4	20	20300	1	#Mid	QPSK	23.76	0.14	23.9	30	PASS
Band4	20	20300	1	#Max	QPSK	23.79	0.14	23.93	30	PASS
Band4	20	20300	50	#0	QPSK	22.7	0.14	22.84	30	PASS
Band4	20	20300	50	#Mid	QPSK	22.77	0.14	22.91	30	PASS
Band4	20	20300	50	#Max	QPSK	22.79	0.14	22.93	30	PASS
Band4	20	20300	100	#0	QPSK	22.76	0.14	22.9	30	PASS
Band4	20	20300	1	#0	QAM16	22.83	0.14	22.97	30	PASS
Band4	20	20300	1	#Mid	QAM16	23.01	0.14	23.15	30	PASS
Band4	20	20300	1	#Max	QAM16	23.05	0.14	23.19	30	PASS
Band4	20	20300	50	#0	QAM16	21.75	0.14	21.89	30	PASS
Band4	20	20300	50	#Mid	QAM16	21.81	0.14	21.95	30	PASS
Band4	20	20300	50	#Max	QAM16	21.85	0.14	21.99	30	PASS
Band4	20	20300	100	#0	QAM16	21.77	0.14	21.91	30	PASS
Band38	5	37775	1	#0	QPSK	21.82	1.59	23.41	33.01	PASS
Band38	5	37775	1	#Mid	QPSK	21.7	1.59	23.29	33.01	PASS
Band38	5	37775	1	#Max	QPSK	21.74	1.59	23.33	33.01	PASS
Band38	5	37775	12	#0	QPSK	20.81	1.59	22.4	33.01	PASS
Band38	5	37775	12	#Mid	QPSK	20.78	1.59	22.37	33.01	PASS
Band38	5	37775	12	#Max	QPSK	20.79	1.59	22.38	33.01	PASS
Band38	5	37775	25	#0	QPSK	20.75	1.59	22.34	33.01	PASS
Band38	5	37775	1	#0	QAM16	21.07	1.59	22.66	33.01	PASS
Band38	5	37775	1	#Mid	QAM16	20.98	1.59	22.57	33.01	PASS
Band38	5	37775	1	#Max	QAM16	21	1.59	22.59	33.01	PASS
Band38	5	37775	12	#0	QAM16	19.76	1.59	21.35	33.01	PASS
Band38	5	37775	12	#Mid	QAM16	19.74	1.59	21.33	33.01	PASS
Band38	5	37775	12	#Max	QAM16	19.76	1.59	21.35	33.01	PASS
Band38	5	37775	25	#0	QAM16	19.75	1.59	21.34	33.01	PASS
Band38	5	38000	1	#0	QPSK	21.22	1.59	22.81	33.01	PASS
Band38	5	38000	1	#Mid	QPSK	21.15	1.59	22.74	33.01	PASS
Band38	5	38000	1	#Max	QPSK	21.14	1.59	22.73	33.01	PASS
Band38	5	38000	12	#0	QPSK	20.28	1.59	21.87	33.01	PASS
Band38	5	38000	12	#Mid	QPSK	20.24	1.59	21.83	33.01	PASS
Band38	5	38000	12	#Max	QPSK	20.24	1.59	21.83	33.01	PASS
Band38	5	38000	25	#0	QPSK	20.2	1.59	21.79	33.01	PASS
Band38	5	38000	1	#0	QAM16	20.6	1.59	22.19	33.01	PASS
Band38	5	38000	1	#Mid	QAM16	20.51	1.59	22.1	33.01	PASS
Band38	5	38000	1	#Max	QAM16	20.51	1.59	22.1	33.01	PASS
Band38	5	38000	12	#0	QAM16	19.3	1.59	20.89	33.01	PASS
Band38	5	38000	12	#Mid	QAM16	19.24	1.59	20.83	33.01	PASS
Band38	5	38000	12	#Max	QAM16	19.22	1.59	20.81	33.01	PASS
Band38	5	38000	25	#0	QAM16	19.09	1.59	20.68	33.01	PASS
Band38	5	38225	1	#0	QPSK	21.78	1.59	23.37	33.01	PASS
Band38	5	38225	1	#Mid	QPSK	21.8	1.59	23.39	33.01	PASS
Band38	5	38225	1	#Max	QPSK	21.89	1.59	23.48	33.01	PASS

Band38	5	38225	12	#0	QPSK	20.79	1.59	22.38	33.01	PASS
Band38	5	38225	12	#Mid	QPSK	20.8	1.59	22.39	33.01	PASS
Band38	5	38225	12	#Max	QPSK	20.86	1.59	22.45	33.01	PASS
Band38	5	38225	25	#0	QPSK	20.78	1.59	22.37	33.01	PASS
Band38	5	38225	1	#0	QAM16	21.26	1.59	22.85	33.01	PASS
Band38	5	38225	1	#Mid	QAM16	21.25	1.59	22.84	33.01	PASS
Band38	5	38225	1	#Max	QAM16	21.38	1.59	22.97	33.01	PASS
Band38	5	38225	12	#0	QAM16	19.75	1.59	21.34	33.01	PASS
Band38	5	38225	12	#Mid	QAM16	19.78	1.59	21.37	33.01	PASS
Band38	5	38225	12	#Max	QAM16	19.77	1.59	21.36	33.01	PASS
Band38	5	38225	25	#0	QAM16	19.61	1.59	21.2	33.01	PASS
Band38	10	37800	1	#0	QPSK	21.77	1.59	23.36	33.01	PASS
Band38	10	37800	1	#Mid	QPSK	21.74	1.59	23.33	33.01	PASS
Band38	10	37800	1	#Max	QPSK	21.72	1.59	23.31	33.01	PASS
Band38	10	37800	25	#0	QPSK	20.76	1.59	22.35	33.01	PASS
Band38	10	37800	25	#Mid	QPSK	20.74	1.59	22.33	33.01	PASS
Band38	10	37800	25	#Max	QPSK	20.73	1.59	22.32	33.01	PASS
Band38	10	37800	50	#0	QPSK	20.75	1.59	22.34	33.01	PASS
Band38	10	37800	1	#0	QAM16	21.25	1.59	22.84	33.01	PASS
Band38	10	37800	1	#Mid	QAM16	21.23	1.59	22.82	33.01	PASS
Band38	10	37800	1	#Max	QAM16	21.21	1.59	22.8	33.01	PASS
Band38	10	37800	25	#0	QAM16	19.79	1.59	21.38	33.01	PASS
Band38	10	37800	25	#Mid	QAM16	19.75	1.59	21.34	33.01	PASS
Band38	10	37800	25	#Max	QAM16	19.74	1.59	21.33	33.01	PASS
Band38	10	37800	50	#0	QAM16	19.73	1.59	21.32	33.01	PASS
Band38	10	38000	1	#0	QPSK	21.37	1.59	22.96	33.01	PASS
Band38	10	38000	1	#Mid	QPSK	21.24	1.59	22.83	33.01	PASS
Band38	10	38000	1	#Max	QPSK	21.28	1.59	22.87	33.01	PASS
Band38	10	38000	25	#0	QPSK	20.26	1.59	21.85	33.01	PASS
Band38	10	38000	25	#Mid	QPSK	20.22	1.59	21.81	33.01	PASS
Band38	10	38000	25	#Max	QPSK	20.22	1.59	21.81	33.01	PASS
Band38	10	38000	50	#0	QPSK	20.23	1.59	21.82	33.01	PASS
Band38	10	38000	1	#0	QAM16	20.47	1.59	22.06	33.01	PASS
Band38	10	38000	1	#Mid	QAM16	20.37	1.59	21.96	33.01	PASS
Band38	10	38000	1	#Max	QAM16	20.38	1.59	21.97	33.01	PASS
Band38	10	38000	25	#0	QAM16	19.25	1.59	20.84	33.01	PASS
Band38	10	38000	25	#Mid	QAM16	19.22	1.59	20.81	33.01	PASS
Band38	10	38000	25	#Max	QAM16	19.2	1.59	20.79	33.01	PASS
Band38	10	38000	50	#0	QAM16	19.24	1.59	20.83	33.01	PASS
Band38	10	38200	1	#0	QPSK	21.64	1.59	23.23	33.01	PASS
Band38	10	38200	1	#Mid	QPSK	21.73	1.59	23.32	33.01	PASS
Band38	10	38200	1	#Max	QPSK	21.92	1.59	23.51	33.01	PASS
Band38	10	38200	25	#0	QPSK	20.63	1.59	22.22	33.01	PASS
Band38	10	38200	25	#Mid	QPSK	20.69	1.59	22.28	33.01	PASS
Band38	10	38200	25	#Max	QPSK	20.75	1.59	22.34	33.01	PASS
Band38	10	38200	50	#0	QPSK	20.72	1.59	22.31	33.01	PASS
Band38	10	38200	1	#0	QAM16	20.54	1.59	22.13	33.01	PASS
Band38	10	38200	1	#Mid	QAM16	20.62	1.59	22.21	33.01	PASS
Band38	10	38200	1	#Max	QAM16	20.78	1.59	22.37	33.01	PASS

Band38	10	38200	25	#0	QAM16	19.61	1.59	21.2	33.01	PASS
Band38	10	38200	25	#Mid	QAM16	19.61	1.59	21.2	33.01	PASS
Band38	10	38200	25	#Max	QAM16	19.71	1.59	21.3	33.01	PASS
Band38	10	38200	50	#0	QAM16	19.65	1.59	21.24	33.01	PASS
Band38	15	37825	1	#0	QPSK	21.8	1.59	23.39	33.01	PASS
Band38	15	37825	1	#Mid	QPSK	21.68	1.59	23.27	33.01	PASS
Band38	15	37825	1	#Max	QPSK	21.55	1.59	23.14	33.01	PASS
Band38	15	37825	36	#0	QPSK	20.82	1.59	22.41	33.01	PASS
Band38	15	37825	36	#Mid	QPSK	20.76	1.59	22.35	33.01	PASS
Band38	15	37825	36	#Max	QPSK	20.68	1.59	22.27	33.01	PASS
Band38	15	37825	75	#0	QPSK	20.73	1.59	22.32	33.01	PASS
Band38	15	37825	1	#0	QAM16	21.28	1.59	22.87	33.01	PASS
Band38	15	37825	1	#Mid	QAM16	21.13	1.59	22.72	33.01	PASS
Band38	15	37825	1	#Max	QAM16	21.03	1.59	22.62	33.01	PASS
Band38	15	37825	36	#0	QAM16	19.81	1.59	21.4	33.01	PASS
Band38	15	37825	36	#Mid	QAM16	19.79	1.59	21.38	33.01	PASS
Band38	15	37825	36	#Max	QAM16	19.69	1.59	21.28	33.01	PASS
Band38	15	37825	75	#0	QAM16	19.69	1.59	21.28	33.01	PASS
Band38	15	38000	1	#0	QPSK	21.41	1.59	23	33.01	PASS
Band38	15	38000	1	#Mid	QPSK	21.18	1.59	22.77	33.01	PASS
Band38	15	38000	1	#Max	QPSK	21.3	1.59	22.89	33.01	PASS
Band38	15	38000	36	#0	QPSK	20.32	1.59	21.91	33.01	PASS
Band38	15	38000	36	#Mid	QPSK	20.25	1.59	21.84	33.01	PASS
Band38	15	38000	36	#Max	QPSK	20.29	1.59	21.88	33.01	PASS
Band38	15	38000	75	#0	QPSK	20.28	1.59	21.87	33.01	PASS
Band38	15	38000	1	#0	QAM16	20.55	1.59	22.14	33.01	PASS
Band38	15	38000	1	#Mid	QAM16	20.35	1.59	21.94	33.01	PASS
Band38	15	38000	1	#Max	QAM16	20.46	1.59	22.05	33.01	PASS
Band38	15	38000	36	#0	QAM16	19.38	1.59	20.97	33.01	PASS
Band38	15	38000	36	#Mid	QAM16	19.29	1.59	20.88	33.01	PASS
Band38	15	38000	36	#Max	QAM16	19.33	1.59	20.92	33.01	PASS
Band38	15	38000	75	#0	QAM16	19.24	1.59	20.83	33.01	PASS
Band38	15	38175	1	#0	QPSK	21.5	1.59	23.09	33.01	PASS
Band38	15	38175	1	#Mid	QPSK	21.71	1.59	23.3	33.01	PASS
Band38	15	38175	1	#Max	QPSK	22	1.59	23.59	33.01	PASS
Band38	15	38175	36	#0	QPSK	20.61	1.59	22.2	33.01	PASS
Band38	15	38175	36	#Mid	QPSK	20.71	1.59	22.3	33.01	PASS
Band38	15	38175	36	#Max	QPSK	20.84	1.59	22.43	33.01	PASS
Band38	15	38175	75	#0	QPSK	20.75	1.59	22.34	33.01	PASS
Band38	15	38175	1	#0	QAM16	20.65	1.59	22.24	33.01	PASS
Band38	15	38175	1	#Mid	QAM16	20.77	1.59	22.36	33.01	PASS
Band38	15	38175	1	#Max	QAM16	21.07	1.59	22.66	33.01	PASS
Band38	15	38175	36	#0	QAM16	19.49	1.59	21.08	33.01	PASS
Band38	15	38175	36	#Mid	QAM16	19.62	1.59	21.21	33.01	PASS
Band38	15	38175	36	#Max	QAM16	19.7	1.59	21.29	33.01	PASS
Band38	15	38175	75	#0	QAM16	19.69	1.59	21.28	33.01	PASS
Band38	20	37850	1	#0	QPSK	21.83	1.59	23.42	33.01	PASS
Band38	20	37850	1	#Mid	QPSK	21.71	1.59	23.3	33.01	PASS
Band38	20	37850	1	#Max	QPSK	21.43	1.59	23.02	33.01	PASS

Band38	20	37850	50	#0	QPSK	20.75	1.59	22.34	33.01	PASS
Band38	20	37850	50	#Mid	QPSK	20.68	1.59	22.27	33.01	PASS
Band38	20	37850	50	#Max	QPSK	20.55	1.59	22.14	33.01	PASS
Band38	20	37850	100	#0	QPSK	20.64	1.59	22.23	33.01	PASS
Band38	20	37850	1	#0	QAM16	21.1	1.59	22.69	33.01	PASS
Band38	20	37850	1	#Mid	QAM16	20.98	1.59	22.57	33.01	PASS
Band38	20	37850	1	#Max	QAM16	20.71	1.59	22.3	33.01	PASS
Band38	20	37850	50	#0	QAM16	19.82	1.59	21.41	33.01	PASS
Band38	20	37850	50	#Mid	QAM16	19.75	1.59	21.34	33.01	PASS
Band38	20	37850	50	#Max	QAM16	19.6	1.59	21.19	33.01	PASS
Band38	20	37850	100	#0	QAM16	19.64	1.59	21.23	33.01	PASS
Band38	20	38000	1	#0	QPSK	21.52	1.59	23.11	33.01	PASS
Band38	20	38000	1	#Mid	QPSK	21.25	1.59	22.84	33.01	PASS
Band38	20	38000	1	#Max	QPSK	21.44	1.59	23.03	33.01	PASS
Band38	20	38000	50	#0	QPSK	20.34	1.59	21.93	33.01	PASS
Band38	20	38000	50	#Mid	QPSK	20.26	1.59	21.85	33.01	PASS
Band38	20	38000	50	#Max	QPSK	20.32	1.59	21.91	33.01	PASS
Band38	20	38000	100	#0	QPSK	20.29	1.59	21.88	33.01	PASS
Band38	20	38000	1	#0	QAM16	20.75	1.59	22.34	33.01	PASS
Band38	20	38000	1	#Mid	QAM16	20.43	1.59	22.02	33.01	PASS
Band38	20	38000	1	#Max	QAM16	20.58	1.59	22.17	33.01	PASS
Band38	20	38000	50	#0	QAM16	19.32	1.59	20.91	33.01	PASS
Band38	20	38000	50	#Mid	QAM16	19.24	1.59	20.83	33.01	PASS
Band38	20	38000	50	#Max	QAM16	19.28	1.59	20.87	33.01	PASS
Band38	20	38000	100	#0	QAM16	19.26	1.59	20.85	33.01	PASS
Band38	20	38150	1	#0	QPSK	21.35	1.59	22.94	33.01	PASS
Band38	20	38150	1	#Mid	QPSK	21.6	1.59	23.19	33.01	PASS
Band38	20	38150	1	#Max	QPSK	21.97	1.59	23.56	33.01	PASS
Band38	20	38150	50	#0	QPSK	20.41	1.59	22	33.01	PASS
Band38	20	38150	50	#Mid	QPSK	20.54	1.59	22.13	33.01	PASS
Band38	20	38150	50	#Max	QPSK	20.72	1.59	22.31	33.01	PASS
Band38	20	38150	100	#0	QPSK	20.56	1.59	22.15	33.01	PASS
Band38	20	38150	1	#0	QAM16	20.47	1.59	22.06	33.01	PASS
Band38	20	38150	1	#Mid	QAM16	20.69	1.59	22.28	33.01	PASS
Band38	20	38150	1	#Max	QAM16	21.04	1.59	22.63	33.01	PASS
Band38	20	38150	50	#0	QAM16	19.43	1.59	21.02	33.01	PASS
Band38	20	38150	50	#Mid	QAM16	19.58	1.59	21.17	33.01	PASS
Band38	20	38150	50	#Max	QAM16	19.75	1.59	21.34	33.01	PASS
Band38	20	38150	100	#0	QAM16	19.53	1.59	21.12	33.01	PASS
Band40(2305-2315)	5	38725	1	#0	QPSK	22.18	0.73	22.91	23.98	PASS
Band40(2305-2315)	5	38725	1	#Mid	QPSK	22.03	0.73	22.76	23.98	PASS
Band40(2305-2315)	5	38725	1	#Max	QPSK	22.13	0.73	22.86	23.98	PASS
Band40(2305-2315)	5	38725	12	#0	QPSK	21.15	0.73	21.88	23.98	PASS
Band40(2305-2315)	5	38725	12	#Mid	QPSK	21.14	0.73	21.87	23.98	PASS
Band40(2305-2315)	5	38725	12	#Max	QPSK	21.15	0.73	21.88	23.98	PASS

Band40(2305-2315)	5	38725	25	#0	QPSK	21.11	0.73	21.84	23.98	PASS
Band40(2305-2315)	5	38725	1	#0	QAM16	21.48	0.73	22.21	23.98	PASS
Band40(2305-2315)	5	38725	1	#Mid	QAM16	21.35	0.73	22.08	23.98	PASS
Band40(2305-2315)	5	38725	1	#Max	QAM16	21.4	0.73	22.13	23.98	PASS
Band40(2305-2315)	5	38725	12	#0	QAM16	20.1	0.73	20.83	23.98	PASS
Band40(2305-2315)	5	38725	12	#Mid	QAM16	20.07	0.73	20.8	23.98	PASS
Band40(2305-2315)	5	38725	12	#Max	QAM16	20.12	0.73	20.85	23.98	PASS
Band40(2305-2315)	5	38725	25	#0	QAM16	20.1	0.73	20.83	23.98	PASS
Band40(2305-2315)	5	38750	1	#0	QPSK	22.12	0.73	22.85	23.98	PASS
Band40(2305-2315)	5	38750	1	#Mid	QPSK	22.03	0.73	22.76	23.98	PASS
Band40(2305-2315)	5	38750	1	#Max	QPSK	22.11	0.73	22.84	23.98	PASS
Band40(2305-2315)	5	38750	12	#0	QPSK	21.17	0.73	21.9	23.98	PASS
Band40(2305-2315)	5	38750	12	#Mid	QPSK	21.12	0.73	21.85	23.98	PASS
Band40(2305-2315)	5	38750	12	#Max	QPSK	21.17	0.73	21.9	23.98	PASS
Band40(2305-2315)	5	38750	25	#0	QPSK	21.12	0.73	21.85	23.98	PASS
Band40(2305-2315)	5	38750	1	#0	QAM16	21.51	0.73	22.24	23.98	PASS
Band40(2305-2315)	5	38750	1	#Mid	QAM16	21.37	0.73	22.1	23.98	PASS
Band40(2305-2315)	5	38750	1	#Max	QAM16	21.48	0.73	22.21	23.98	PASS
Band40(2305-2315)	5	38750	12	#0	QAM16	20.18	0.73	20.91	23.98	PASS
Band40(2305-2315)	5	38750	12	#Mid	QAM16	20.16	0.73	20.89	23.98	PASS
Band40(2305-2315)	5	38750	12	#Max	QAM16	20.2	0.73	20.93	23.98	PASS
Band40(2305-2315)	5	38750	25	#0	QAM16	20.06	0.73	20.79	23.98	PASS
Band40(2305-2315)	5	38775	1	#0	QPSK	22.21	0.73	22.94	23.98	PASS
Band40(2305-2315)	5	38775	1	#Mid	QPSK	22.16	0.73	22.89	23.98	PASS
Band40(2305-2315)	5	38775	1	#Max	QPSK	22.24	0.73	22.97	23.98	PASS
Band40(2305-2315)	5	38775	12	#0	QPSK	21.19	0.73	21.92	23.98	PASS
Band40(2305-2315)	5	38775	12	#Mid	QPSK	21.19	0.73	21.92	23.98	PASS
Band40(2305-2315)	5	38775	12	#Max	QPSK	21.23	0.73	21.96	23.98	PASS
Band40(2305-2315)	5	38775	25	#0	QPSK	21.16	0.73	21.89	23.98	PASS
Band40(2305-2315)	5	38775	1	#0	QAM16	21.77	0.73	22.5	23.98	PASS
Band40(2305-2315)	5	38775	1	#Mid	QAM16	21.7	0.73	22.43	23.98	PASS

Band40(2305-2315)	5	38775	1	#Max	QAM16	21.83	0.73	22.56	23.98	PASS
Band40(2305-2315)	5	38775	12	#0	QAM16	20.22	0.73	20.95	23.98	PASS
Band40(2305-2315)	5	38775	12	#Mid	QAM16	20.21	0.73	20.94	23.98	PASS
Band40(2305-2315)	5	38775	12	#Max	QAM16	20.22	0.73	20.95	23.98	PASS
Band40(2305-2315)	5	38775	25	#0	QAM16	20.09	0.73	20.82	23.98	PASS
Band40(2305-2315)	10	38750	1	#0	QPSK	22.14	0.73	22.87	23.98	PASS
Band40(2305-2315)	10	38750	1	#Mid	QPSK	22.15	0.73	22.88	23.98	PASS
Band40(2305-2315)	10	38750	1	#Max	QPSK	22.2	0.73	22.93	23.98	PASS
Band40(2305-2315)	10	38750	25	#0	QPSK	21.11	0.73	21.84	23.98	PASS
Band40(2305-2315)	10	38750	25	#Mid	QPSK	21.12	0.73	21.85	23.98	PASS
Band40(2305-2315)	10	38750	25	#Max	QPSK	21.15	0.73	21.88	23.98	PASS
Band40(2305-2315)	10	38750	50	#0	QPSK	21.14	0.73	21.87	23.98	PASS
Band40(2305-2315)	10	38750	1	#0	QAM16	21.67	0.73	22.4	23.98	PASS
Band40(2305-2315)	10	38750	1	#Mid	QAM16	21.63	0.73	22.36	23.98	PASS
Band40(2305-2315)	10	38750	1	#Max	QAM16	21.69	0.73	22.42	23.98	PASS
Band40(2305-2315)	10	38750	25	#0	QAM16	20.12	0.73	20.85	23.98	PASS
Band40(2305-2315)	10	38750	25	#Mid	QAM16	20.12	0.73	20.85	23.98	PASS
Band40(2305-2315)	10	38750	25	#Max	QAM16	20.18	0.73	20.91	23.98	PASS
Band40(2305-2315)	10	38750	50	#0	QAM16	20.15	0.73	20.88	23.98	PASS
Band40(2350-2360)	5	39175	1	#0	QPSK	22.39	0.28	22.67	23.98	PASS
Band40(2350-2360)	5	39175	1	#Mid	QPSK	22.26	0.28	22.54	23.98	PASS
Band40(2350-2360)	5	39175	1	#Max	QPSK	22.22	0.28	22.5	23.98	PASS
Band40(2350-2360)	5	39175	12	#0	QPSK	21.38	0.28	21.66	23.98	PASS
Band40(2350-2360)	5	39175	12	#Mid	QPSK	21.36	0.28	21.64	23.98	PASS
Band40(2350-2360)	5	39175	12	#Max	QPSK	21.38	0.28	21.66	23.98	PASS
Band40(2350-2360)	5	39175	25	#0	QPSK	21.34	0.28	21.62	23.98	PASS
Band40(2350-2360)	5	39175	1	#0	QAM16	21.72	0.28	22	23.98	PASS
Band40(2350-2360)	5	39175	1	#Mid	QAM16	21.59	0.28	21.87	23.98	PASS
Band40(2350-2360)	5	39175	1	#Max	QAM16	21.6	0.28	21.88	23.98	PASS
Band40(2350-2360)	5	39175	12	#0	QAM16	20.42	0.28	20.7	23.98	PASS
Band40(2350-2360)	5	39175	12	#Mid	QAM16	20.41	0.28	20.69	23.98	PASS

Band40(2350-2360)	5	39175	12	#Max	QAM16	20.39	0.28	20.67	23.98	PASS
Band40(2350-2360)	5	39175	25	#0	QAM16	20.28	0.28	20.56	23.98	PASS
Band40(2350-2360)	5	39200	1	#0	QPSK	22.4	0.28	22.68	23.98	PASS
Band40(2350-2360)	5	39200	1	#Mid	QPSK	22.27	0.28	22.55	23.98	PASS
Band40(2350-2360)	5	39200	1	#Max	QPSK	22.33	0.28	22.61	23.98	PASS
Band40(2350-2360)	5	39200	12	#0	QPSK	21.4	0.28	21.68	23.98	PASS
Band40(2350-2360)	5	39200	12	#Mid	QPSK	21.37	0.28	21.65	23.98	PASS
Band40(2350-2360)	5	39200	12	#Max	QPSK	21.39	0.28	21.67	23.98	PASS
Band40(2350-2360)	5	39200	25	#0	QPSK	21.34	0.28	21.62	23.98	PASS
Band40(2350-2360)	5	39200	1	#0	QAM16	22	0.28	22.28	23.98	PASS
Band40(2350-2360)	5	39200	1	#Mid	QAM16	21.86	0.28	22.14	23.98	PASS
Band40(2350-2360)	5	39200	1	#Max	QAM16	21.94	0.28	22.22	23.98	PASS
Band40(2350-2360)	5	39200	12	#0	QAM16	20.4	0.28	20.68	23.98	PASS
Band40(2350-2360)	5	39200	12	#Mid	QAM16	20.37	0.28	20.65	23.98	PASS
Band40(2350-2360)	5	39200	12	#Max	QAM16	20.38	0.28	20.66	23.98	PASS
Band40(2350-2360)	5	39200	25	#0	QAM16	20.25	0.28	20.53	23.98	PASS
Band40(2350-2360)	5	39225	1	#0	QPSK	22.38	0.28	22.66	23.98	PASS
Band40(2350-2360)	5	39225	1	#Mid	QPSK	22.29	0.28	22.57	23.98	PASS
Band40(2350-2360)	5	39225	1	#Max	QPSK	22.38	0.28	22.66	23.98	PASS
Band40(2350-2360)	5	39225	12	#0	QPSK	21.4	0.28	21.68	23.98	PASS
Band40(2350-2360)	5	39225	12	#Mid	QPSK	21.38	0.28	21.66	23.98	PASS
Band40(2350-2360)	5	39225	12	#Max	QPSK	21.4	0.28	21.68	23.98	PASS
Band40(2350-2360)	5	39225	25	#0	QPSK	21.35	0.28	21.63	23.98	PASS
Band40(2350-2360)	5	39225	1	#0	QAM16	21.66	0.28	21.94	23.98	PASS
Band40(2350-2360)	5	39225	1	#Mid	QAM16	21.56	0.28	21.84	23.98	PASS
Band40(2350-2360)	5	39225	1	#Max	QAM16	21.62	0.28	21.9	23.98	PASS
Band40(2350-2360)	5	39225	12	#0	QAM16	20.37	0.28	20.65	23.98	PASS
Band40(2350-2360)	5	39225	12	#Mid	QAM16	20.33	0.28	20.61	23.98	PASS
Band40(2350-2360)	5	39225	12	#Max	QAM16	20.34	0.28	20.62	23.98	PASS
Band40(2350-2360)	5	39225	25	#0	QAM16	20.32	0.28	20.6	23.98	PASS
Band40(2350-2360)	10	39200	1	#0	QPSK	22.35	0.28	22.63	23.98	PASS

Band40(2350-2360)	10	39200	1	#Mid	QPSK	22.32	0.28	22.6	23.98	PASS
Band40(2350-2360)	10	39200	1	#Max	QPSK	22.32	0.28	22.6	23.98	PASS
Band40(2350-2360)	10	39200	25	#0	QPSK	21.36	0.28	21.64	23.98	PASS
Band40(2350-2360)	10	39200	25	#Mid	QPSK	21.33	0.28	21.61	23.98	PASS
Band40(2350-2360)	10	39200	25	#Max	QPSK	21.35	0.28	21.63	23.98	PASS
Band40(2350-2360)	10	39200	50	#0	QPSK	21.37	0.28	21.65	23.98	PASS
Band40(2350-2360)	10	39200	1	#0	QAM16	21.87	0.28	22.15	23.98	PASS
Band40(2350-2360)	10	39200	1	#Mid	QAM16	21.82	0.28	22.1	23.98	PASS
Band40(2350-2360)	10	39200	1	#Max	QAM16	21.82	0.28	22.1	23.98	PASS
Band40(2350-2360)	10	39200	25	#0	QAM16	20.36	0.28	20.64	23.98	PASS
Band40(2350-2360)	10	39200	25	#Mid	QAM16	20.36	0.28	20.64	23.98	PASS
Band40(2350-2360)	10	39200	25	#Max	QAM16	20.35	0.28	20.63	23.98	PASS
Band40(2350-2360)	10	39200	50	#0	QAM16	20.34	0.28	20.62	23.98	PASS
Band41	5	39675	1	#0	QPSK	23.23	2.93	26.16	33.01	PASS
Band41	5	39675	1	#Mid	QPSK	23.25	2.93	26.18	33.01	PASS
Band41	5	39675	1	#Max	QPSK	23.29	2.93	26.22	33.01	PASS
Band41	5	39675	12	#0	QPSK	23.27	2.93	26.2	33.01	PASS
Band41	5	39675	12	#Mid	QPSK	23.25	2.93	26.18	33.01	PASS
Band41	5	39675	12	#Max	QPSK	23.25	2.93	26.18	33.01	PASS
Band41	5	39675	25	#0	QPSK	23.29	2.93	26.22	33.01	PASS
Band41	5	39675	1	#0	QAM16	23.49	2.93	26.42	33.01	PASS
Band41	5	39675	1	#Mid	QAM16	23.53	2.93	26.46	33.01	PASS
Band41	5	39675	1	#Max	QAM16	23.56	2.93	26.49	33.01	PASS
Band41	5	39675	12	#0	QAM16	23.2	2.93	26.13	33.01	PASS
Band41	5	39675	12	#Mid	QAM16	23.22	2.93	26.15	33.01	PASS
Band41	5	39675	12	#Max	QAM16	23.19	2.93	26.12	33.01	PASS
Band41	5	39675	25	#0	QAM16	23.32	2.93	26.25	33.01	PASS
Band41	5	40620	1	#0	QPSK	22.56	2.93	25.49	33.01	PASS
Band41	5	40620	1	#Mid	QPSK	22.5	2.93	25.43	33.01	PASS
Band41	5	40620	1	#Max	QPSK	22.46	2.93	25.39	33.01	PASS
Band41	5	40620	12	#0	QPSK	22.6	2.93	25.53	33.01	PASS
Band41	5	40620	12	#Mid	QPSK	22.52	2.93	25.45	33.01	PASS
Band41	5	40620	12	#Max	QPSK	22.44	2.93	25.37	33.01	PASS
Band41	5	40620	25	#0	QPSK	22.54	2.93	25.47	33.01	PASS
Band41	5	40620	1	#0	QAM16	22.86	2.93	25.79	33.01	PASS
Band41	5	40620	1	#Mid	QAM16	22.83	2.93	25.76	33.01	PASS
Band41	5	40620	1	#Max	QAM16	22.77	2.93	25.7	33.01	PASS
Band41	5	40620	12	#0	QAM16	22.57	2.93	25.5	33.01	PASS
Band41	5	40620	12	#Mid	QAM16	22.54	2.93	25.47	33.01	PASS
Band41	5	40620	12	#Max	QAM16	22.45	2.93	25.38	33.01	PASS
Band41	5	40620	25	#0	QAM16	22.49	2.93	25.42	33.01	PASS

Band41	5	41565	1	#0	QPSK	22.76	2.93	25.69	33.01	PASS
Band41	5	41565	1	#Mid	QPSK	22.81	2.93	25.74	33.01	PASS
Band41	5	41565	1	#Max	QPSK	22.86	2.93	25.79	33.01	PASS
Band41	5	41565	12	#0	QPSK	22.64	2.93	25.57	33.01	PASS
Band41	5	41565	12	#Mid	QPSK	22.61	2.93	25.54	33.01	PASS
Band41	5	41565	12	#Max	QPSK	22.63	2.93	25.56	33.01	PASS
Band41	5	41565	25	#0	QPSK	22.63	2.93	25.56	33.01	PASS
Band41	5	41565	1	#0	QAM16	23.18	2.93	26.11	33.01	PASS
Band41	5	41565	1	#Mid	QAM16	23.18	2.93	26.11	33.01	PASS
Band41	5	41565	1	#Max	QAM16	23.21	2.93	26.14	33.01	PASS
Band41	5	41565	12	#0	QAM16	22.64	2.93	25.57	33.01	PASS
Band41	5	41565	12	#Mid	QAM16	22.65	2.93	25.58	33.01	PASS
Band41	5	41565	12	#Max	QAM16	22.63	2.93	25.56	33.01	PASS
Band41	5	41565	25	#0	QAM16	22.63	2.93	25.56	33.01	PASS
Band41	10	39700	1	#0	QPSK	23.24	2.93	26.17	33.01	PASS
Band41	10	39700	1	#Mid	QPSK	23.3	2.93	26.23	33.01	PASS
Band41	10	39700	1	#Max	QPSK	23.27	2.93	26.2	33.01	PASS
Band41	10	39700	25	#0	QPSK	23.28	2.93	26.21	33.01	PASS
Band41	10	39700	25	#Mid	QPSK	23.3	2.93	26.23	33.01	PASS
Band41	10	39700	25	#Max	QPSK	23.24	2.93	26.17	33.01	PASS
Band41	10	39700	50	#0	QPSK	23.27	2.93	26.2	33.01	PASS
Band41	10	39700	1	#0	QAM16	23.83	2.93	26.76	33.01	PASS
Band41	10	39700	1	#Mid	QAM16	23.83	2.93	26.76	33.01	PASS
Band41	10	39700	1	#Max	QAM16	23.79	2.93	26.72	33.01	PASS
Band41	10	39700	25	#0	QAM16	23.32	2.93	26.25	33.01	PASS
Band41	10	39700	25	#Mid	QAM16	23.31	2.93	26.24	33.01	PASS
Band41	10	39700	25	#Max	QAM16	23.29	2.93	26.22	33.01	PASS
Band41	10	39700	50	#0	QAM16	23.31	2.93	26.24	33.01	PASS
Band41	10	40620	1	#0	QPSK	22.62	2.93	25.55	33.01	PASS
Band41	10	40620	1	#Mid	QPSK	22.58	2.93	25.51	33.01	PASS
Band41	10	40620	1	#Max	QPSK	22.44	2.93	25.37	33.01	PASS
Band41	10	40620	25	#0	QPSK	22.58	2.93	25.51	33.01	PASS
Band41	10	40620	25	#Mid	QPSK	22.5	2.93	25.43	33.01	PASS
Band41	10	40620	25	#Max	QPSK	22.42	2.93	25.35	33.01	PASS
Band41	10	40620	50	#0	QPSK	22.54	2.93	25.47	33.01	PASS
Band41	10	40620	1	#0	QAM16	22.74	2.93	25.67	33.01	PASS
Band41	10	40620	1	#Mid	QAM16	22.69	2.93	25.62	33.01	PASS
Band41	10	40620	1	#Max	QAM16	22.57	2.93	25.5	33.01	PASS
Band41	10	40620	25	#0	QAM16	22.59	2.93	25.52	33.01	PASS
Band41	10	40620	25	#Mid	QAM16	22.56	2.93	25.49	33.01	PASS
Band41	10	40620	25	#Max	QAM16	22.49	2.93	25.42	33.01	PASS
Band41	10	40620	50	#0	QAM16	22.55	2.93	25.48	33.01	PASS
Band41	10	41540	1	#0	QPSK	22.63	2.93	25.56	33.01	PASS
Band41	10	41540	1	#Mid	QPSK	22.65	2.93	25.58	33.01	PASS
Band41	10	41540	1	#Max	QPSK	22.67	2.93	25.6	33.01	PASS
Band41	10	41540	25	#0	QPSK	22.61	2.93	25.54	33.01	PASS
Band41	10	41540	25	#Mid	QPSK	22.66	2.93	25.59	33.01	PASS
Band41	10	41540	25	#Max	QPSK	22.61	2.93	25.54	33.01	PASS
Band41	10	41540	50	#0	QPSK	22.69	2.93	25.62	33.01	PASS

Band41	10	41540	1	#0	QAM16	22.66	2.93	25.59	33.01	PASS
Band41	10	41540	1	#Mid	QAM16	22.69	2.93	25.62	33.01	PASS
Band41	10	41540	1	#Max	QAM16	22.71	2.93	25.64	33.01	PASS
Band41	10	41540	25	#0	QAM16	22.69	2.93	25.62	33.01	PASS
Band41	10	41540	25	#Mid	QAM16	22.64	2.93	25.57	33.01	PASS
Band41	10	41540	25	#Max	QAM16	22.67	2.93	25.6	33.01	PASS
Band41	10	41540	50	#0	QAM16	22.62	2.93	25.55	33.01	PASS
Band41	15	39725	1	#0	QPSK	23.16	2.93	26.09	33.01	PASS
Band41	15	39725	1	#Mid	QPSK	23.23	2.93	26.16	33.01	PASS
Band41	15	39725	1	#Max	QPSK	23.15	2.93	26.08	33.01	PASS
Band41	15	39725	36	#0	QPSK	23.23	2.93	26.16	33.01	PASS
Band41	15	39725	36	#Mid	QPSK	23.22	2.93	26.15	33.01	PASS
Band41	15	39725	36	#Max	QPSK	23.19	2.93	26.12	33.01	PASS
Band41	15	39725	75	#0	QPSK	23.26	2.93	26.19	33.01	PASS
Band41	15	39725	1	#0	QAM16	23.76	2.93	26.69	33.01	PASS
Band41	15	39725	1	#Mid	QAM16	23.8	2.93	26.73	33.01	PASS
Band41	15	39725	1	#Max	QAM16	23.71	2.93	26.64	33.01	PASS
Band41	15	39725	36	#0	QAM16	23.29	2.93	26.22	33.01	PASS
Band41	15	39725	36	#Mid	QAM16	23.27	2.93	26.2	33.01	PASS
Band41	15	39725	36	#Max	QAM16	23.27	2.93	26.2	33.01	PASS
Band41	15	39725	75	#0	QAM16	23.25	2.93	26.18	33.01	PASS
Band41	15	40620	1	#0	QPSK	22.65	2.93	25.58	33.01	PASS
Band41	15	40620	1	#Mid	QPSK	22.53	2.93	25.46	33.01	PASS
Band41	15	40620	1	#Max	QPSK	22.34	2.93	25.27	33.01	PASS
Band41	15	40620	36	#0	QPSK	22.61	2.93	25.54	33.01	PASS
Band41	15	40620	36	#Mid	QPSK	22.41	2.93	25.34	33.01	PASS
Band41	15	40620	36	#Max	QPSK	22.39	2.93	25.32	33.01	PASS
Band41	15	40620	75	#0	QPSK	22.51	2.93	25.44	33.01	PASS
Band41	15	40620	1	#0	QAM16	22.81	2.93	25.74	33.01	PASS
Band41	15	40620	1	#Mid	QAM16	22.71	2.93	25.64	33.01	PASS
Band41	15	40620	1	#Max	QAM16	22.49	2.93	25.42	33.01	PASS
Band41	15	40620	36	#0	QAM16	22.7	2.93	25.63	33.01	PASS
Band41	15	40620	36	#Mid	QAM16	22.52	2.93	25.45	33.01	PASS
Band41	15	40620	36	#Max	QAM16	22.48	2.93	25.41	33.01	PASS
Band41	15	40620	75	#0	QAM16	22.51	2.93	25.44	33.01	PASS
Band41	15	41515	1	#0	QPSK	22.69	2.93	25.62	33.01	PASS
Band41	15	41515	1	#Mid	QPSK	22.69	2.93	25.62	33.01	PASS
Band41	15	41515	1	#Max	QPSK	22.72	2.93	25.65	33.01	PASS
Band41	15	41515	36	#0	QPSK	22.64	2.93	25.57	33.01	PASS
Band41	15	41515	36	#Mid	QPSK	22.63	2.93	25.56	33.01	PASS
Band41	15	41515	36	#Max	QPSK	22.64	2.93	25.57	33.01	PASS
Band41	15	41515	75	#0	QPSK	22.65	2.93	25.58	33.01	PASS
Band41	15	41515	1	#0	QAM16	22.81	2.93	25.74	33.01	PASS
Band41	15	41515	1	#Mid	QAM16	22.82	2.93	25.75	33.01	PASS
Band41	15	41515	1	#Max	QAM16	22.85	2.93	25.78	33.01	PASS
Band41	15	41515	36	#0	QAM16	22.6	2.93	25.53	33.01	PASS
Band41	15	41515	36	#Mid	QAM16	22.6	2.93	25.53	33.01	PASS
Band41	15	41515	36	#Max	QAM16	22.57	2.93	25.5	33.01	PASS
Band41	15	41515	75	#0	QAM16	22.68	2.93	25.61	33.01	PASS

Band41	20	39750	1	#0	QPSK	23.14	2.93	26.07	33.01	PASS
Band41	20	39750	1	#Mid	QPSK	23.23	2.93	26.16	33.01	PASS
Band41	20	39750	1	#Max	QPSK	23.04	2.93	25.97	33.01	PASS
Band41	20	39750	50	#0	QPSK	23.29	2.93	26.22	33.01	PASS
Band41	20	39750	50	#Mid	QPSK	23.26	2.93	26.19	33.01	PASS
Band41	20	39750	50	#Max	QPSK	23.17	2.93	26.1	33.01	PASS
Band41	20	39750	100	#0	QPSK	23.24	2.93	26.17	33.01	PASS
Band41	20	39750	1	#0	QAM16	23.44	2.93	26.37	33.01	PASS
Band41	20	39750	1	#Mid	QAM16	23.51	2.93	26.44	33.01	PASS
Band41	20	39750	1	#Max	QAM16	23.32	2.93	26.25	33.01	PASS
Band41	20	39750	50	#0	QAM16	23.28	2.93	26.21	33.01	PASS
Band41	20	39750	50	#Mid	QAM16	23.31	2.93	26.24	33.01	PASS
Band41	20	39750	50	#Max	QAM16	23.22	2.93	26.15	33.01	PASS
Band41	20	39750	100	#0	QAM16	23.26	2.93	26.19	33.01	PASS
Band41	20	40620	1	#0	QPSK	22.71	2.93	25.64	33.01	PASS
Band41	20	40620	1	#Mid	QPSK	22.54	2.93	25.47	33.01	PASS
Band41	20	40620	1	#Max	QPSK	22.32	2.93	25.25	33.01	PASS
Band41	20	40620	50	#0	QPSK	22.72	2.93	25.65	33.01	PASS
Band41	20	40620	50	#Mid	QPSK	22.51	2.93	25.44	33.01	PASS
Band41	20	40620	50	#Max	QPSK	22.43	2.93	25.36	33.01	PASS
Band41	20	40620	100	#0	QPSK	22.57	2.93	25.5	33.01	PASS
Band41	20	40620	1	#0	QAM16	23	2.93	25.93	33.01	PASS
Band41	20	40620	1	#Mid	QAM16	22.82	2.93	25.75	33.01	PASS
Band41	20	40620	1	#Max	QAM16	22.59	2.93	25.52	33.01	PASS
Band41	20	40620	50	#0	QAM16	22.77	2.93	25.7	33.01	PASS
Band41	20	40620	50	#Mid	QAM16	22.59	2.93	25.52	33.01	PASS
Band41	20	40620	50	#Max	QAM16	22.45	2.93	25.38	33.01	PASS
Band41	20	40620	100	#0	QAM16	22.57	2.93	25.5	33.01	PASS
Band41	20	41490	1	#0	QPSK	22.66	2.93	25.59	33.01	PASS
Band41	20	41490	1	#Mid	QPSK	22.67	2.93	25.6	33.01	PASS
Band41	20	41490	1	#Max	QPSK	22.64	2.93	25.57	33.01	PASS
Band41	20	41490	50	#0	QPSK	22.74	2.93	25.67	33.01	PASS
Band41	20	41490	50	#Mid	QPSK	22.68	2.93	25.61	33.01	PASS
Band41	20	41490	50	#Max	QPSK	22.59	2.93	25.52	33.01	PASS
Band41	20	41490	100	#0	QPSK	22.64	2.93	25.57	33.01	PASS
Band41	20	41490	1	#0	QAM16	22.81	2.93	25.74	33.01	PASS
Band41	20	41490	1	#Mid	QAM16	22.8	2.93	25.73	33.01	PASS
Band41	20	41490	1	#Max	QAM16	22.73	2.93	25.66	33.01	PASS
Band41	20	41490	50	#0	QAM16	22.68	2.93	25.61	33.01	PASS
Band41	20	41490	50	#Mid	QAM16	22.65	2.93	25.58	33.01	PASS
Band41	20	41490	50	#Max	QAM16	22.6	2.93	25.53	33.01	PASS
Band41	20	41490	100	#0	QAM16	22.63	2.93	25.56	33.01	PASS
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	ERP (dBm)	ERP Limit (dBm)	Verdict
Band5	1.4	20407	1	#0	QPSK	24.18	-0.66	21.37	38.45	PASS
Band5	1.4	20407	1	#Mid	QPSK	24.24	-0.66	21.43	38.45	PASS
Band5	1.4	20407	1	#Max	QPSK	24.16	-0.6	21.35	38.45	PASS

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Band5	1.4	20407	3	#0	QPSK	24.13	-0.6 6	21.32	38.45	PASS
Band5	1.4	20407	3	#Mid	QPSK	24.21	-0.6 6	21.4	38.45	PASS
Band5	1.4	20407	3	#Max	QPSK	24.04	-0.6 6	21.23	38.45	PASS
Band5	1.4	20407	6	#0	QPSK	23.23	-0.6 6	20.42	38.45	PASS
Band5	1.4	20407	1	#0	QAM16	23.22	-0.6 6	20.41	38.45	PASS
Band5	1.4	20407	1	#Mid	QAM16	23.18	-0.6 6	20.37	38.45	PASS
Band5	1.4	20407	1	#Max	QAM16	23.18	-0.6 6	20.37	38.45	PASS
Band5	1.4	20407	3	#0	QAM16	23.43	-0.6 6	20.62	38.45	PASS
Band5	1.4	20407	3	#Mid	QAM16	23.25	-0.6 6	20.44	38.45	PASS
Band5	1.4	20407	3	#Max	QAM16	23.26	-0.6 6	20.45	38.45	PASS
Band5	1.4	20407	6	#0	QAM16	22.25	-0.6 6	19.44	38.45	PASS
Band5	1.4	20525	1	#0	QPSK	23.77	-0.6 6	20.96	38.45	PASS
Band5	1.4	20525	1	#Mid	QPSK	23.81	-0.6 6	21	38.45	PASS
Band5	1.4	20525	1	#Max	QPSK	23.73	-0.6 6	20.92	38.45	PASS
Band5	1.4	20525	3	#0	QPSK	23.84	-0.6 6	21.03	38.45	PASS
Band5	1.4	20525	3	#Mid	QPSK	23.84	-0.6 6	21.03	38.45	PASS
Band5	1.4	20525	3	#Max	QPSK	23.8	-0.6 6	20.99	38.45	PASS
Band5	1.4	20525	6	#0	QPSK	22.76	-0.6 6	19.95	38.45	PASS
Band5	1.4	20525	1	#0	QAM16	22.89	-0.6 6	20.08	38.45	PASS
Band5	1.4	20525	1	#Mid	QAM16	22.92	-0.6 6	20.11	38.45	PASS
Band5	1.4	20525	1	#Max	QAM16	22.85	-0.6 6	20.04	38.45	PASS
Band5	1.4	20525	3	#0	QAM16	23.02	-0.6 6	20.21	38.45	PASS
Band5	1.4	20525	3	#Mid	QAM16	22.94	-0.6 6	20.13	38.45	PASS
Band5	1.4	20525	3	#Max	QAM16	22.97	-0.6 6	20.16	38.45	PASS
Band5	1.4	20525	6	#0	QAM16	21.92	-0.6 6	19.11	38.45	PASS
Band5	1.4	20643	1	#0	QPSK	23.65	-0.6 6	20.84	38.45	PASS
Band5	1.4	20643	1	#Mid	QPSK	23.72	-0.6 6	20.91	38.45	PASS
Band5	1.4	20643	1	#Max	QPSK	23.58	-0.6 6	20.77	38.45	PASS
Band5	1.4	20643	3	#0	QPSK	23.69	-0.6 6	20.88	38.45	PASS
Band5	1.4	20643	3	#Mid	QPSK	23.65	-0.6 6	20.84	38.45	PASS
Band5	1.4	20643	3	#Max	QPSK	23.65	-0.6	20.84	38.45	PASS

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Band5	1.4	20643	6	#0	QPSK	22.57	-0.6 6	19.76	38.45	PASS
Band5	1.4	20643	1	#0	QAM16	22.46	-0.6 6	19.65	38.45	PASS
Band5	1.4	20643	1	#Mid	QAM16	22.54	-0.6 6	19.73	38.45	PASS
Band5	1.4	20643	1	#Max	QAM16	22.48	-0.6 6	19.67	38.45	PASS
Band5	1.4	20643	3	#0	QAM16	22.83	-0.6 6	20.02	38.45	PASS
Band5	1.4	20643	3	#Mid	QAM16	22.74	-0.6 6	19.93	38.45	PASS
Band5	1.4	20643	3	#Max	QAM16	22.79	-0.6 6	19.98	38.45	PASS
Band5	1.4	20643	6	#0	QAM16	21.78	-0.6 6	18.97	38.45	PASS
Band5	3	20415	1	#0	QPSK	23.98	-0.6 6	21.17	38.45	PASS
Band5	3	20415	1	#Mid	QPSK	23.95	-0.6 6	21.14	38.45	PASS
Band5	3	20415	1	#Max	QPSK	23.92	-0.6 6	21.11	38.45	PASS
Band5	3	20415	8	#0	QPSK	23.12	-0.6 6	20.31	38.45	PASS
Band5	3	20415	8	#Mid	QPSK	23.11	-0.6 6	20.3	38.45	PASS
Band5	3	20415	8	#Max	QPSK	23.09	-0.6 6	20.28	38.45	PASS
Band5	3	20415	15	#0	QPSK	23.05	-0.6 6	20.24	38.45	PASS
Band5	3	20415	1	#0	QAM16	23.32	-0.6 6	20.51	38.45	PASS
Band5	3	20415	1	#Mid	QAM16	23.32	-0.6 6	20.51	38.45	PASS
Band5	3	20415	1	#Max	QAM16	23.36	-0.6 6	20.55	38.45	PASS
Band5	3	20415	8	#0	QAM16	22.15	-0.6 6	19.34	38.45	PASS
Band5	3	20415	8	#Mid	QAM16	22.16	-0.6 6	19.35	38.45	PASS
Band5	3	20415	8	#Max	QAM16	22.13	-0.6 6	19.32	38.45	PASS
Band5	3	20415	15	#0	QAM16	22.12	-0.6 6	19.31	38.45	PASS
Band5	3	20525	1	#0	QPSK	23.7	-0.6 6	20.89	38.45	PASS
Band5	3	20525	1	#Mid	QPSK	23.67	-0.6 6	20.86	38.45	PASS
Band5	3	20525	1	#Max	QPSK	23.63	-0.6 6	20.82	38.45	PASS
Band5	3	20525	8	#0	QPSK	22.83	-0.6 6	20.02	38.45	PASS
Band5	3	20525	8	#Mid	QPSK	22.8	-0.6 6	19.99	38.45	PASS
Band5	3	20525	8	#Max	QPSK	22.78	-0.6 6	19.97	38.45	PASS
Band5	3	20525	15	#0	QPSK	22.75	-0.6 6	19.94	38.45	PASS
Band5	3	20525	1	#0	QAM16	22.85	-0.6 6	20.04	38.45	PASS
Band5	3	20525	1	#Mid	QAM16	22.82	-0.6	20.01	38.45	PASS

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Band5	3	20525	1	#Max	QAM16	22.8	-0.6 6	19.99	38.45	PASS
Band5	3	20525	8	#0	QAM16	21.81	-0.6 6	19	38.45	PASS
Band5	3	20525	8	#Mid	QAM16	21.81	-0.6 6	19	38.45	PASS
Band5	3	20525	8	#Max	QAM16	21.79	-0.6 6	18.98	38.45	PASS
Band5	3	20525	15	#0	QAM16	21.71	-0.6 6	18.9	38.45	PASS
Band5	3	20635	1	#0	QPSK	23.59	-0.6 6	20.78	38.45	PASS
Band5	3	20635	1	#Mid	QPSK	23.62	-0.6 6	20.81	38.45	PASS
Band5	3	20635	1	#Max	QPSK	23.63	-0.6 6	20.82	38.45	PASS
Band5	3	20635	8	#0	QPSK	22.64	-0.6 6	19.83	38.45	PASS
Band5	3	20635	8	#Mid	QPSK	22.65	-0.6 6	19.84	38.45	PASS
Band5	3	20635	8	#Max	QPSK	22.65	-0.6 6	19.84	38.45	PASS
Band5	3	20635	15	#0	QPSK	22.62	-0.6 6	19.81	38.45	PASS
Band5	3	20635	1	#0	QAM16	22.43	-0.6 6	19.62	38.45	PASS
Band5	3	20635	1	#Mid	QAM16	22.44	-0.6 6	19.63	38.45	PASS
Band5	3	20635	1	#Max	QAM16	22.45	-0.6 6	19.64	38.45	PASS
Band5	3	20635	8	#0	QAM16	21.67	-0.6 6	18.86	38.45	PASS
Band5	3	20635	8	#Mid	QAM16	21.67	-0.6 6	18.86	38.45	PASS
Band5	3	20635	8	#Max	QAM16	21.68	-0.6 6	18.87	38.45	PASS
Band5	3	20635	15	#0	QAM16	21.7	-0.6 6	18.89	38.45	PASS
Band5	5	20425	1	#0	QPSK	24.1	-0.6 6	21.29	38.45	PASS
Band5	5	20425	1	#Mid	QPSK	24.02	-0.6 6	21.21	38.45	PASS
Band5	5	20425	1	#Max	QPSK	23.97	-0.6 6	21.16	38.45	PASS
Band5	5	20425	12	#0	QPSK	23.12	-0.6 6	20.31	38.45	PASS
Band5	5	20425	12	#Mid	QPSK	23.1	-0.6 6	20.29	38.45	PASS
Band5	5	20425	12	#Max	QPSK	23.1	-0.6 6	20.29	38.45	PASS
Band5	5	20425	25	#0	QPSK	23.06	-0.6 6	20.25	38.45	PASS
Band5	5	20425	1	#0	QAM16	23.49	-0.6 6	20.68	38.45	PASS
Band5	5	20425	1	#Mid	QAM16	23.47	-0.6 6	20.66	38.45	PASS
Band5	5	20425	1	#Max	QAM16	23.47	-0.6 6	20.66	38.45	PASS
Band5	5	20425	12	#0	QAM16	22.14	-0.6 6	19.33	38.45	PASS
Band5	5	20425	12	#Mid	QAM16	22.1	-0.6	19.29	38.45	PASS

							6			
Band5	5	20425	12	#Max	QAM16	22.11	-0.6 6	19.3	38.45	PASS
Band5	5	20425	25	#0	QAM16	22.04	-0.6 6	19.23	38.45	PASS
Band5	5	20525	1	#0	QPSK	23.92	-0.6 6	21.11	38.45	PASS
Band5	5	20525	1	#Mid	QPSK	23.73	-0.6 6	20.92	38.45	PASS
Band5	5	20525	1	#Max	QPSK	23.76	-0.6 6	20.95	38.45	PASS
Band5	5	20525	12	#0	QPSK	22.83	-0.6 6	20.02	38.45	PASS
Band5	5	20525	12	#Mid	QPSK	22.79	-0.6 6	19.98	38.45	PASS
Band5	5	20525	12	#Max	QPSK	22.79	-0.6 6	19.98	38.45	PASS
Band5	5	20525	25	#0	QPSK	22.77	-0.6 6	19.96	38.45	PASS
Band5	5	20525	1	#0	QAM16	23.09	-0.6 6	20.28	38.45	PASS
Band5	5	20525	1	#Mid	QAM16	22.97	-0.6 6	20.16	38.45	PASS
Band5	5	20525	1	#Max	QAM16	23.02	-0.6 6	20.21	38.45	PASS
Band5	5	20525	12	#0	QAM16	21.82	-0.6 6	19.01	38.45	PASS
Band5	5	20525	12	#Mid	QAM16	21.77	-0.6 6	18.96	38.45	PASS
Band5	5	20525	12	#Max	QAM16	21.78	-0.6 6	18.97	38.45	PASS
Band5	5	20525	25	#0	QAM16	21.8	-0.6 6	18.99	38.45	PASS
Band5	5	20625	1	#0	QPSK	23.56	-0.6 6	20.75	38.45	PASS
Band5	5	20625	1	#Mid	QPSK	23.52	-0.6 6	20.71	38.45	PASS
Band5	5	20625	1	#Max	QPSK	23.54	-0.6 6	20.73	38.45	PASS
Band5	5	20625	12	#0	QPSK	22.67	-0.6 6	19.86	38.45	PASS
Band5	5	20625	12	#Mid	QPSK	22.67	-0.6 6	19.86	38.45	PASS
Band5	5	20625	12	#Max	QPSK	22.67	-0.6 6	19.86	38.45	PASS
Band5	5	20625	25	#0	QPSK	22.62	-0.6 6	19.81	38.45	PASS
Band5	5	20625	1	#0	QAM16	22.9	-0.6 6	20.09	38.45	PASS
Band5	5	20625	1	#Mid	QAM16	22.85	-0.6 6	20.04	38.45	PASS
Band5	5	20625	1	#Max	QAM16	22.91	-0.6 6	20.1	38.45	PASS
Band5	5	20625	12	#0	QAM16	21.73	-0.6 6	18.92	38.45	PASS
Band5	5	20625	12	#Mid	QAM16	21.75	-0.6 6	18.94	38.45	PASS
Band5	5	20625	12	#Max	QAM16	21.74	-0.6 6	18.93	38.45	PASS
Band5	5	20625	25	#0	QAM16	21.64	-0.6 6	18.83	38.45	PASS
Band5	10	20450	1	#0	QPSK	24.03	-0.6	21.22	38.45	PASS

							6			
Band5	10	20450	1	#Mid	QPSK	23.94	-0.6 6	21.13	38.45	PASS
Band5	10	20450	1	#Max	QPSK	23.86	-0.6 6	21.05	38.45	PASS
Band5	10	20450	25	#0	QPSK	23.03	-0.6 6	20.22	38.45	PASS
Band5	10	20450	25	#Mid	QPSK	22.97	-0.6 6	20.16	38.45	PASS
Band5	10	20450	25	#Max	QPSK	22.92	-0.6 6	20.11	38.45	PASS
Band5	10	20450	50	#0	QPSK	22.98	-0.6 6	20.17	38.45	PASS
Band5	10	20450	1	#0	QAM16	23.39	-0.6 6	20.58	38.45	PASS
Band5	10	20450	1	#Mid	QAM16	23.35	-0.6 6	20.54	38.45	PASS
Band5	10	20450	1	#Max	QAM16	23.19	-0.6 6	20.38	38.45	PASS
Band5	10	20450	25	#0	QAM16	22.06	-0.6 6	19.25	38.45	PASS
Band5	10	20450	25	#Mid	QAM16	21.99	-0.6 6	19.18	38.45	PASS
Band5	10	20450	25	#Max	QAM16	21.95	-0.6 6	19.14	38.45	PASS
Band5	10	20450	50	#0	QAM16	22.01	-0.6 6	19.2	38.45	PASS
Band5	10	20525	1	#0	QPSK	23.83	-0.6 6	21.02	38.45	PASS
Band5	10	20525	1	#Mid	QPSK	23.74	-0.6 6	20.93	38.45	PASS
Band5	10	20525	1	#Max	QPSK	23.7	-0.6 6	20.89	38.45	PASS
Band5	10	20525	25	#0	QPSK	22.8	-0.6 6	19.99	38.45	PASS
Band5	10	20525	25	#Mid	QPSK	22.75	-0.6 6	19.94	38.45	PASS
Band5	10	20525	25	#Max	QPSK	22.77	-0.6 6	19.96	38.45	PASS
Band5	10	20525	50	#0	QPSK	22.79	-0.6 6	19.98	38.45	PASS
Band5	10	20525	1	#0	QAM16	22.95	-0.6 6	20.14	38.45	PASS
Band5	10	20525	1	#Mid	QAM16	22.85	-0.6 6	20.04	38.45	PASS
Band5	10	20525	1	#Max	QAM16	22.87	-0.6 6	20.06	38.45	PASS
Band5	10	20525	25	#0	QAM16	21.81	-0.6 6	19	38.45	PASS
Band5	10	20525	25	#Mid	QAM16	21.76	-0.6 6	18.95	38.45	PASS
Band5	10	20525	25	#Max	QAM16	21.79	-0.6 6	18.98	38.45	PASS
Band5	10	20525	50	#0	QAM16	21.85	-0.6 6	19.04	38.45	PASS
Band5	10	20600	1	#0	QPSK	23.82	-0.6 6	21.01	38.45	PASS
Band5	10	20600	1	#Mid	QPSK	23.66	-0.6 6	20.85	38.45	PASS
Band5	10	20600	1	#Max	QPSK	23.71	-0.6 6	20.9	38.45	PASS
Band5	10	20600	25	#0	QPSK	22.64	-0.6	19.83	38.45	PASS

							6			
Band5	10	20600	25	#Mid	QPSK	22.61	-0.6 6	19.8	38.45	PASS
Band5	10	20600	25	#Max	QPSK	22.62	-0.6 6	19.81	38.45	PASS
Band5	10	20600	50	#0	QPSK	22.64	-0.6 6	19.83	38.45	PASS
Band5	10	20600	1	#0	QAM16	22.55	-0.6 6	19.74	38.45	PASS
Band5	10	20600	1	#Mid	QAM16	22.45	-0.6 6	19.64	38.45	PASS
Band5	10	20600	1	#Max	QAM16	22.52	-0.6 6	19.71	38.45	PASS
Band5	10	20600	25	#0	QAM16	21.66	-0.6 6	18.85	38.45	PASS
Band5	10	20600	25	#Mid	QAM16	21.64	-0.6 6	18.83	38.45	PASS
Band5	10	20600	25	#Max	QAM16	21.66	-0.6 6	18.85	38.45	PASS
Band5	10	20600	50	#0	QAM16	21.66	-0.6 6	18.85	38.45	PASS

Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band4	20	20050	100	#0	QPSK	-2.20	-0.001	-2.5	2.5	PASS
Band4	20	20050	100	#0	QAM16	-1.12	-0.001	-2.5	2.5	PASS
Band4	20	20175	100	#0	QPSK	-0.36	0.000	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	0.39	0.000	-2.5	2.5	PASS
Band4	20	20300	100	#0	QPSK	-0.57	0.000	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	-0.79	0.000	-2.5	2.5	PASS
Band5	10	20450	50	#0	QPSK	-1.80	-0.002	-2.5	2.5	PASS
Band5	10	20450	50	#0	QAM16	-2.33	-0.003	-2.5	2.5	PASS
Band5	10	20525	50	#0	QPSK	-0.49	-0.001	-2.5	2.5	PASS
Band5	10	20525	50	#0	QAM16	-1.00	-0.001	-2.5	2.5	PASS
Band5	10	20600	50	#0	QPSK	-1.14	-0.001	-2.5	2.5	PASS
Band5	10	20600	50	#0	QAM16	-1.80	-0.002	-2.5	2.5	PASS
Band38	20	37850	100	#0	QPSK	-7.67	-0.003	-2.5	2.5	PASS
Band38	20	37850	100	#0	QAM16	-7.51	-0.003	-2.5	2.5	PASS
Band38	20	38000	100	#0	QPSK	-7.44	-0.003	-2.5	2.5	PASS
Band38	20	38000	100	#0	QAM16	-7.11	-0.003	-2.5	2.5	PASS
Band38	20	38150	100	#0	QPSK	-5.75	-0.002	-2.5	2.5	PASS
Band38	20	38150	100	#0	QAM16	-7.52	-0.003	-2.5	2.5	PASS
Band40(2305-2315)	10	38750	50	#0	QPSK	-3.99	-0.002	-2.5	2.5	PASS
Band40(2305-2315)	10	38750	50	#0	QAM16	-1.27	-0.001	-2.5	2.5	PASS
Band40(2350-2360)	10	39200	50	#0	QPSK	-4.53	-0.002	-2.5	2.5	PASS
Band40(2350-2360)	10	39200	50	#0	QAM16	-5.15	-0.002	-2.5	2.5	PASS
Band41	20	39750	100	#0	QPSK	4.63	0.002	-2.5	2.5	PASS
Band41	20	39750	100	#0	QAM16	3.79	0.002	-2.5	2.5	PASS
Band41	20	40620	100	#0	QPSK	3.05	0.001	-2.5	2.5	PASS
Band41	20	40620	100	#0	QAM16	2.99	0.001	-2.5	2.5	PASS
Band41	20	41490	100	#0	QPSK	4.96	0.002	-2.5	2.5	PASS
Band41	20	41490	100	#0	QAM16	3.33	0.001	-2.5	2.5	PASS

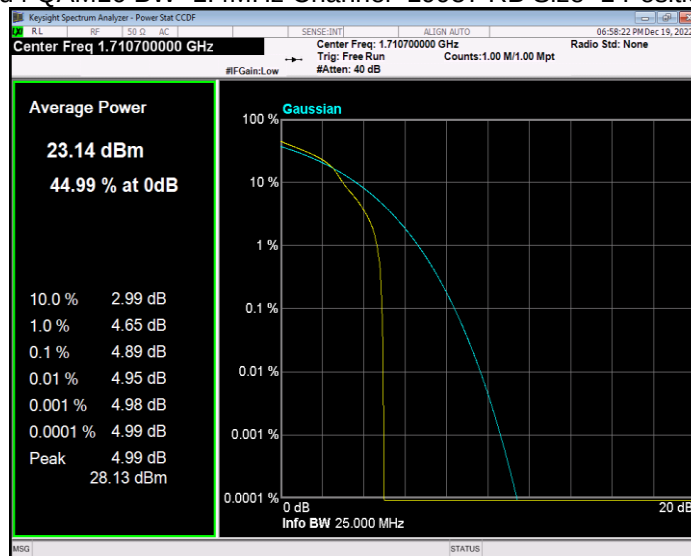
Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	19957	1	#0	QPSK	3.98	13	PASS
Band4	1.4	19957	1	#0	QAM16	4.89	13	PASS
Band4	1.4	20175	1	#0	QPSK	3.06	13	PASS
Band4	1.4	20175	1	#0	QAM16	4.08	13	PASS
Band4	1.4	20393	1	#0	QPSK	4.20	13	PASS
Band4	1.4	20393	1	#0	QAM16	5.07	13	PASS
Band4	3	19965	1	#0	QPSK	4.00	13	PASS
Band4	3	19965	1	#0	QAM16	4.84	13	PASS
Band4	3	20175	1	#0	QPSK	2.95	13	PASS
Band4	3	20175	1	#0	QAM16	4.05	13	PASS
Band4	3	20385	1	#0	QPSK	3.99	13	PASS
Band4	3	20385	1	#0	QAM16	4.85	13	PASS
Band4	5	19975	1	#0	QPSK	4.01	13	PASS
Band4	5	19975	1	#0	QAM16	4.80	13	PASS
Band4	5	20175	1	#0	QPSK	2.92	13	PASS
Band4	5	20175	1	#0	QAM16	3.77	13	PASS
Band4	5	20375	1	#0	QPSK	3.80	13	PASS
Band4	5	20375	1	#0	QAM16	4.53	13	PASS
Band4	10	20000	1	#0	QPSK	3.88	13	PASS
Band4	10	20000	1	#0	QAM16	4.73	13	PASS
Band4	10	20175	1	#0	QPSK	3.21	13	PASS
Band4	10	20175	1	#0	QAM16	4.26	13	PASS
Band4	10	20350	1	#0	QPSK	3.79	13	PASS
Band4	10	20350	1	#0	QAM16	4.65	13	PASS
Band4	15	20025	1	#0	QPSK	3.85	13	PASS
Band4	15	20025	1	#0	QAM16	4.67	13	PASS
Band4	15	20175	1	#0	QPSK	3.79	13	PASS
Band4	15	20175	1	#0	QAM16	4.78	13	PASS
Band4	15	20325	1	#0	QPSK	3.95	13	PASS
Band4	15	20325	1	#0	QAM16	4.70	13	PASS
Band4	20	20050	1	#0	QPSK	3.82	13	PASS
Band4	20	20050	1	#0	QAM16	4.57	13	PASS
Band4	20	20175	1	#0	QPSK	4.41	13	PASS
Band4	20	20175	1	#0	QAM16	5.29	13	PASS
Band4	20	20300	1	#0	QPSK	3.31	13	PASS
Band4	20	20300	1	#0	QAM16	4.27	13	PASS
Band5	1.4	20407	1	#0	QPSK	2.54	13	PASS
Band5	1.4	20407	1	#0	QAM16	3.60	13	PASS
Band5	1.4	20525	1	#0	QPSK	2.84	13	PASS
Band5	1.4	20525	1	#0	QAM16	3.88	13	PASS
Band5	1.4	20643	1	#0	QPSK	3.84	13	PASS
Band5	1.4	20643	1	#0	QAM16	4.71	13	PASS
Band5	3	20415	1	#0	QPSK	2.56	13	PASS
Band5	3	20415	1	#0	QAM16	3.58	13	PASS
Band5	3	20525	1	#0	QPSK	2.69	13	PASS
Band5	3	20525	1	#0	QAM16	3.74	13	PASS
Band5	3	20635	1	#0	QPSK	3.41	13	PASS
Band5	3	20635	1	#0	QAM16	4.26	13	PASS
Band5	5	20425	1	#0	QPSK	2.55	13	PASS
Band5	5	20425	1	#0	QAM16	3.51	13	PASS
Band5	5	20525	1	#0	QPSK	2.67	13	PASS
Band5	5	20525	1	#0	QAM16	3.52	13	PASS
Band5	5	20625	1	#0	QPSK	3.61	13	PASS
Band5	5	20625	1	#0	QAM16	4.36	13	PASS
Band5	10	20450	1	#0	QPSK	2.52	13	PASS
Band5	10	20450	1	#0	QAM16	3.53	13	PASS
Band5	10	20525	1	#0	QPSK	3.87	13	PASS

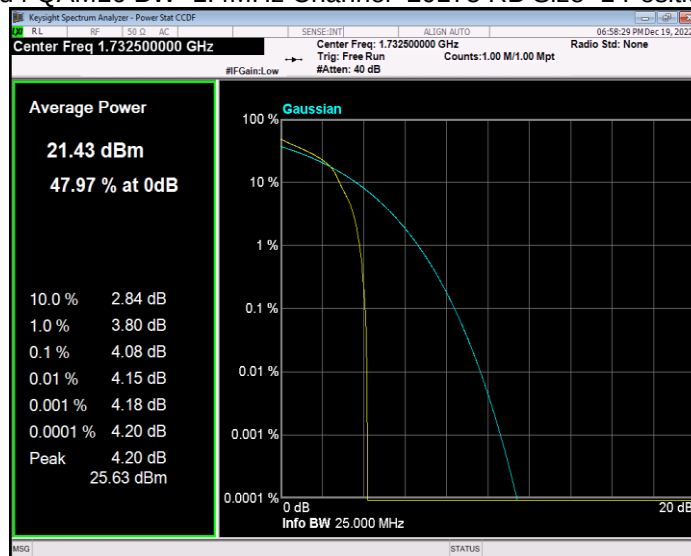
Band5	10	20525	1	#0	QAM16	4.87	13	PASS
Band5	10	20600	1	#0	QPSK	3.80	13	PASS
Band5	10	20600	1	#0	QAM16	4.59	13	PASS
Band38	5	37775	1	#0	QPSK	8.20	13	PASS
Band38	5	37775	1	#0	QAM16	9.72	13	PASS
Band38	5	38000	1	#0	QPSK	9.20	13	PASS
Band38	5	38000	1	#0	QAM16	10.13	13	PASS
Band38	5	38225	1	#0	QPSK	7.62	13	PASS
Band38	5	38225	1	#0	QAM16	8.32	13	PASS
Band38	10	37800	1	#0	QPSK	7.70	13	PASS
Band38	10	37800	1	#0	QAM16	9.44	13	PASS
Band38	10	38000	1	#0	QPSK	8.93	13	PASS
Band38	10	38000	1	#0	QAM16	10.15	13	PASS
Band38	10	38200	1	#0	QPSK	7.89	13	PASS
Band38	10	38200	1	#0	QAM16	7.88	13	PASS
Band38	15	37825	1	#0	QPSK	8.28	13	PASS
Band38	15	37825	1	#0	QAM16	8.21	13	PASS
Band38	15	38000	1	#0	QPSK	8.93	13	PASS
Band38	15	38000	1	#0	QAM16	9.39	13	PASS
Band38	15	38175	1	#0	QPSK	8.19	13	PASS
Band38	15	38175	1	#0	QAM16	9.62	13	PASS
Band38	20	37850	1	#0	QPSK	7.83	13	PASS
Band38	20	37850	1	#0	QAM16	9.68	13	PASS
Band38	20	38000	1	#0	QPSK	8.11	13	PASS
Band38	20	38000	1	#0	QAM16	8.73	13	PASS
Band38	20	38150	1	#0	QPSK	9.11	13	PASS
Band38	20	38150	1	#0	QAM16	9.48	13	PASS
Band40(2305-2315)	5	38725	1	#0	QPSK	8.34	13	PASS
Band40(2305-2315)	5	38725	1	#0	QAM16	9.82	13	PASS
Band40(2305-2315)	5	38750	1	#0	QPSK	9.39	13	PASS
Band40(2305-2315)	5	38750	1	#0	QAM16	8.76	13	PASS
Band40(2305-2315)	5	38775	1	#0	QPSK	9.49	13	PASS
Band40(2305-2315)	5	38775	1	#0	QAM16	9.72	13	PASS
Band40(2305-2315)	10	38750	1	#0	QPSK	9.64	13	PASS
Band40(2305-2315)	10	38750	1	#0	QAM16	10.35	13	PASS
Band40(2350-2360)	5	39175	1	#0	QPSK	9.01	13	PASS
Band40(2350-2360)	5	39175	1	#0	QAM16	9.64	13	PASS
Band40(2350-2360)	5	39200	1	#0	QPSK	9.57	13	PASS
Band40(2350-2360)	5	39200	1	#0	QAM16	7.89	13	PASS
Band40(2350-2360)	5	39225	1	#0	QPSK	9.09	13	PASS
Band40(2350-2360)	5	39225	1	#0	QAM16	9.84	13	PASS
Band40(2350-2360)	10	39200	1	#0	QPSK	9.19	13	PASS
Band40(2350-2360)	10	39200	1	#0	QAM16	11.58	13	PASS
Band41	5	39675	1	#0	QPSK	7.53	13	PASS
Band41	5	39675	1	#0	QAM16	7.51	13	PASS
Band41	5	40620	1	#0	QPSK	8.10	13	PASS
Band41	5	40620	1	#0	QAM16	9.95	13	PASS
Band41	5	41565	1	#0	QPSK	7.98	13	PASS
Band41	5	41565	1	#0	QAM16	9.24	13	PASS
Band41	10	39700	1	#0	QPSK	7.83	13	PASS
Band41	10	39700	1	#0	QAM16	7.99	13	PASS
Band41	10	40620	1	#0	QPSK	8.18	13	PASS
Band41	10	40620	1	#0	QAM16	9.90	13	PASS
Band41	10	41540	1	#0	QPSK	10.03	13	PASS
Band41	10	41540	1	#0	QAM16	7.62	13	PASS
Band41	15	39725	1	#0	QPSK	8.41	13	PASS
Band41	15	39725	1	#0	QAM16	8.14	13	PASS
Band41	15	40620	1	#0	QPSK	9.70	13	PASS
Band41	15	40620	1	#0	QAM16	8.71	13	PASS
Band41	15	41515	1	#0	QPSK	9.09	13	PASS
Band41	15	41515	1	#0	QAM16	7.96	13	PASS

Band41	20	39750	1	#0	QPSK	7.85	13	PASS
Band41	20	39750	1	#0	QAM16	8.79	13	PASS
Band41	20	40620	1	#0	QPSK	8.11	13	PASS
Band41	20	40620	1	#0	QAM16	8.36	13	PASS
Band41	20	41490	1	#0	QPSK	9.45	13	PASS
Band41	20	41490	1	#0	QAM16	8.36	13	PASS

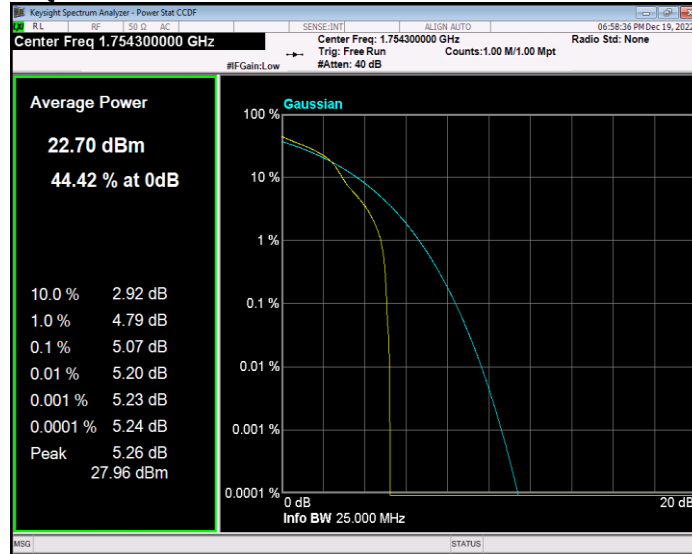
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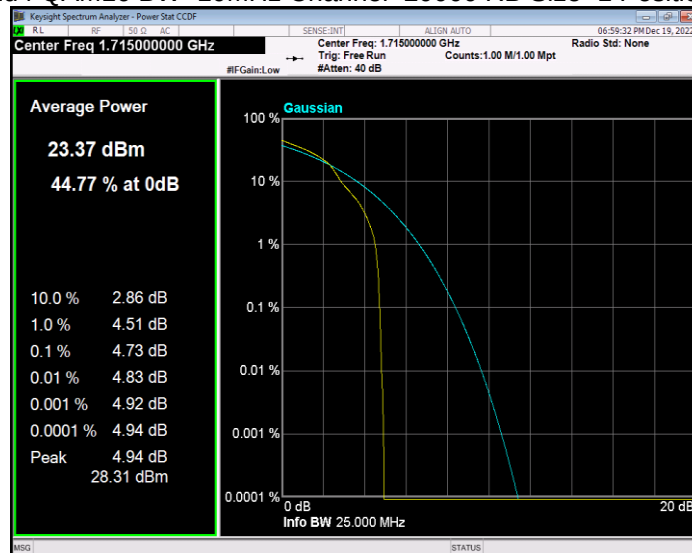
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0



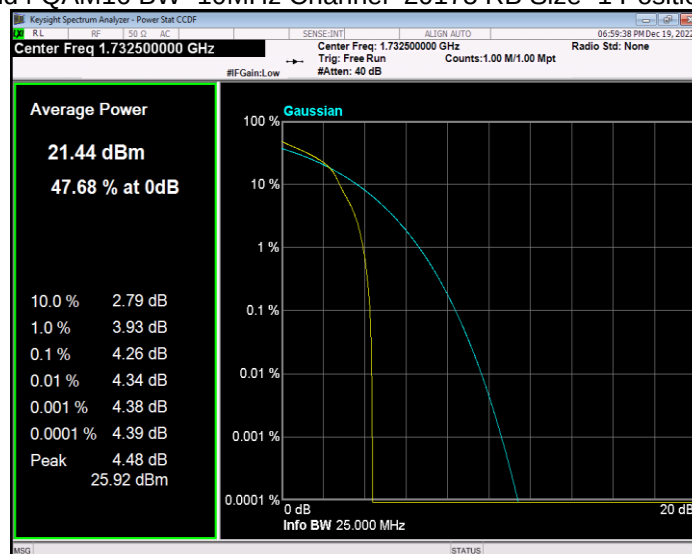
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=1 Position=#0



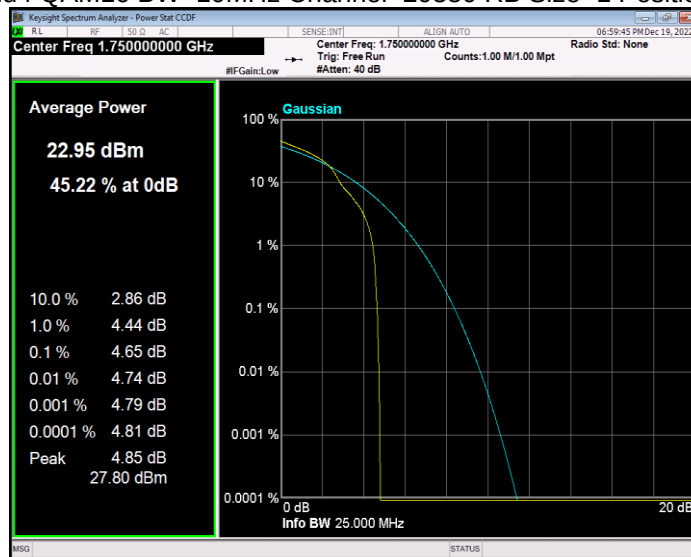
Band4 QAM16 BW=10MHz Channel=20000 RB Size=1 Position=#0



Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0



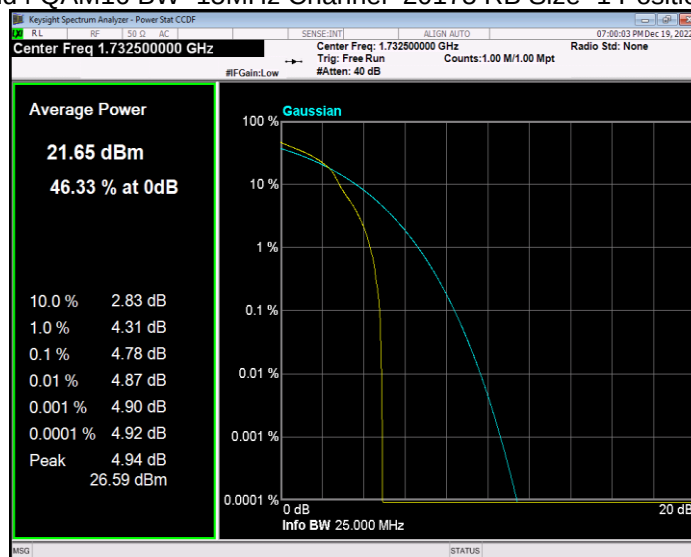
Band4 QAM16 BW=10MHz Channel=20350 RB Size=1 Position=#0



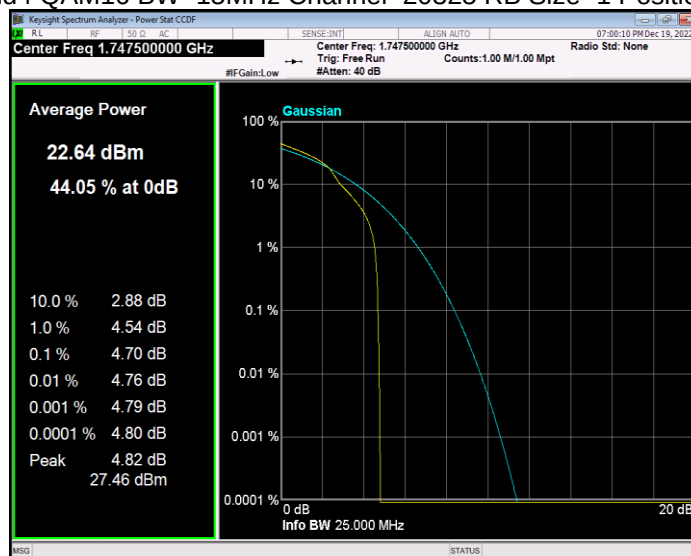
Band4 QAM16 BW=15MHz Channel=20025 RB Size=1 Position=#0



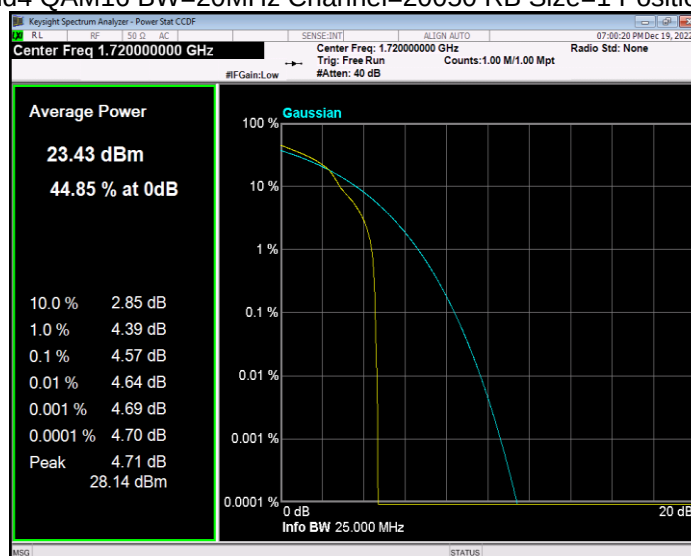
Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0



Band4 QAM16 BW=15MHz Channel=20325 RB Size=1 Position=#0



Band4 QAM16 BW=20MHz Channel=20050 RB Size=1 Position=#0



Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0

