1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dB)	EIRP (dBm)	EIRP (mW)	EIRP Limit (mW)	Verdict
Band38	5	37775	1	#0	QPSK	21.53	1.2	22.73	187.50	2000	PASS
Band38	5	37775	1	#Mid	QPSK	21.59	1.2	22.79	190.11	2000	PASS
Band38	5	37775	1	#Max	QPSK	21.49	1.2	22.69	185.78	2000	PASS
Band38	5	37775	12	#0	QPSK	20.52	1.2	21.72	148.59	2000	PASS
Band38	5	37775	12	#Max	QPSK	20.51	1.2	21.71	148.25	2000	PASS
Band38	5	37775	25	#0	QPSK	20.51	1.2	21.71	148.25	2000	PASS
Band38	5	37775	1	#0	QAM16	20.63	1.2	21.83	152.41	2000	PASS
Band38	5	37775	1	#Mid	QAM16	20.68	1.2	21.88	154.17	2000	PASS
Band38	5	37775	1	#Max	QAM16	20.60	1.2	21.80	151.36	2000	PASS
Band38	5	37775	12	#0	QAM16	19.39	1.2	20.59	114.55	2000	PASS
Band38	5	37775	12	#Max	QAM16	19.45	1.2	20.65	116.14	2000	PASS
Band38	5	37775	25	#0	QAM16	19.51	1.2	20.71	117.76	2000	PASS
Band38	5	38000	1	#0	QPSK	21.40	1.2	22.60	181.97	2000	PASS
Band38	5	38000	1	#Mid	QPSK	21.52	1.2	22.72	187.07	2000	PASS
Band38	5	38000	1	#Max	QPSK	21.40	1.2	22.60	181.97	2000	PASS
Band38	5	38000	12	#0	QPSK	20.45	1.2	21.65	146.22	2000	PASS
Band38	5	38000	12	#Max	QPSK	20.53	1.2	21.73	148.94	2000	PASS
Band38	5	38000	25	#0	QPSK	20.51	1.2	21.71	148.25	2000	PASS
Band38	5	38000	1	#0	QAM16	20.63	1.2	21.83	152.41	2000	PASS
Band38	5	38000	1	#Mid	QAM16	20.79	1.2	21.99	158.12	2000	PASS
Band38	5	38000	1	#Max	QAM16	20.68	1.2	21.88	154.17	2000	PASS
Band38	5	38000	12	#0	QAM16	19.42	1.2	20.62	115.35	2000	PASS
Band38	5	38000	12	#Max	QAM16	19.51	1.2	20.71	117.76	2000	PASS
Band38	5	38000	25	#0	QAM16	19.47	1.2	20.67	116.68	2000	PASS
Band38	5	38225	1	#0	QPSK	21.45	1.2	22.65	184.08	2000	PASS
Band38	5	38225	1	#Mid	QPSK	21.52	1.2	22.72	187.07	2000	PASS
Band38	5	38225	1	#Max	QPSK	21.39	1.2	22.59	181.55	2000	PASS
Band38	5	38225	12	#0	QPSK	20.45	1.2	21.65	146.22	2000	PASS
Band38	5	38225	12	#Max	QPSK	20.46	1.2	21.66	146.55	2000	PASS
Band38	5	38225	25	#0	QPSK	20.55	1.2	21.75	149.62	2000	PASS
Band38	5	38225	1	#0	QAM16	20.70	1.2	21.90	154.88	2000	PASS
Band38	5	38225	1	#Mid	QAM16	20.78	1.2	21.98	157.76	2000	PASS
Band38	5	38225	1	#Max	QAM16	20.67	1.2	21.87	153.82	2000	PASS
Band38	5	38225	12	#0	QAM16	19.32	1.2	20.52	112.72	2000	PASS
Band38	5	38225	12	#Max	QAM16	19.30	1.2	20.50	112.20	2000	PASS
Band38	5	38225	25	#0	QAM16	19.45	1.2	20.65	116.14	2000	PASS
Band38	10	37800	1	#0	QPSK	21.57	1.2	22.77	189.23	2000	PASS
Band38	10	37800	1	#Mid	QPSK	21.71	1.2	22.91	195.43	2000	PASS
Band38	10	37800	1	#Max	QPSK	21.47	1.2	22.67	184.93	2000	PASS

Band38	10	37800	25	#0	QPSK	20.48	1.2	21.68	147.23	2000	PASS
Band38	10	37800	25	#Max	QPSK	20.60	1.2	21.80	151.36	2000	PASS
Band38	10	37800	50	#0	QPSK	20.53	1.2	21.73	148.94	2000	PASS
Band38	10	37800	1	#0	QAM16	20.82	1.2	22.02	159.22	2000	PASS
Band38	10	37800	1	#Mid	QAM16	20.97	1.2	22.17	164.82	2000	PASS
Band38	10	37800	1	#Max	QAM16	20.75	1.2	21.95	156.68	2000	PASS
Band38	10	37800	25	#0	QAM16	19.60	1.2	20.80	120.23	2000	PASS
Band38	10	37800	25	#Max	QAM16	19.62	1.2	20.82	120.78	2000	PASS
Band38	10	37800	50	#0	QAM16	19.46	1.2	20.66	116.41	2000	PASS
Band38	10	38000	1	#0	QPSK	21.49	1.2	22.69	185.78	2000	PASS
Band38	10	38000	1	#Mid	QPSK	21.76	1.2	22.96	197.70	2000	PASS
Band38	10	38000	1	#Max	QPSK	21.55	1.2	22.75	188.36	2000	PASS
Band38	10	38000	25	#0	QPSK	20.49	1.2	21.69	147.57	2000	PASS
Band38	10	38000	25	#Max	QPSK	20.63	1.2	21.83	152.41	2000	PASS
Band38	10	38000	50	#0	QPSK	20.50	1.2	21.70	147.91	2000	PASS
Band38	10	38000	1	#0	QAM16	20.52	1.2	21.72	148.59	2000	PASS
Band38	10	38000	1	#Mid	QAM16	20.76	1.2	21.96	157.04	2000	PASS
Band38	10	38000	1	#Max	QAM16	20.54	1.2	21.74	149.28	2000	PASS
Band38	10	38000	25	#0	QAM16	19.47	1.2	20.67	116.68	2000	PASS
Band38	10	38000	25	#Max	QAM16	19.63	1.2	20.83	121.06	2000	PASS
Band38	10	38000	50	#0	QAM16	19.44	1.2	20.64	115.88	2000	PASS
Band38	10	38200	1	#0	QPSK	21.58	1.2	22.78	189.67	2000	PASS
Band38	10	38200	1	#Mid	QPSK	21.74	1.2	22.94	196.79	2000	PASS
Band38	10	38200	1	#Max	QPSK	21.49	1.2	22.69	185.78	2000	PASS
Band38	10	38200	25	#0	QPSK	20.57	1.2	21.77	150.31	2000	PASS
Band38	10	38200	25	#Max	QPSK	20.58	1.2	21.78	150.66	2000	PASS
Band38	10	38200	50	#0	QPSK	20.50	1.2	21.70	147.91	2000	PASS
Band38	10	38200	1	#0	QAM16	20.42	1.2	21.62	145.21	2000	PASS
Band38	10	38200	1	#Mid	QAM16	20.57	1.2	21.77	150.31	2000	PASS
Band38	10	38200	1	#Max	QAM16	20.32	1.2	21.52	141.91	2000	PASS
Band38	10	38200	25	#0	QAM16	19.45	1.2	20.65	116.14	2000	PASS
Band38	10	38200	25	#Max	QAM16	19.45	1.2	20.65	116.14	2000	PASS
Band38	10	38200	50	#0	QAM16	19.40	1.2	20.60	114.82	2000	PASS
Band38	15	37825	1	#0	QPSK	21.51	1.2	22.71	186.64	2000	PASS
Band38	15	37825	1	#Mid	QPSK	21.53	1.2	22.73	187.50	2000	PASS
Band38	15	37825	1	#Max	QPSK	21.38	1.2	22.58	181.13	2000	PASS
Band38	15	37825	36	#0	QPSK	20.65	1.2	21.85	153.11	2000	PASS
Band38	15	37825	36	#Max	QPSK	20.63	1.2	21.83	152.41	2000	PASS
Band38	15	37825	75	#0	QPSK	20.58	1.2	21.78	150.66	2000	PASS
Band38	15	37825	1	#0	QAM16	20.75	1.2	21.95	156.68	2000	PASS
Band38	15	37825	1	#Mid	QAM16	20.79	1.2	21.99	158.12	2000	PASS
Band38	15	37825	1	#Max	QAM16	20.66	1.2	21.86	153.46	2000	PASS
Band38	15	37825	36	#0	QAM16	19.53	1.2	20.73	118.30	2000	PASS
Band38	15	37825	36	#Max	QAM16	19.55	1.2	20.75	118.85	2000	PASS

Band38	15	37825	75	#0	QAM16	19.50	1.2	20.70	117.49	2000	PASS
Band38	15	38000	1	#0	QPSK	21.43	1.2	22.63	183.23	2000	PASS
Band38	15	38000	1	#Mid	QPSK	21.54	1.2	22.74	187.93	2000	PASS
Band38	15	38000	1	#Max	QPSK	21.47	1.2	22.67	184.93	2000	PASS
Band38	15	38000	36	#0	QPSK	20.54	1.2	21.74	149.28	2000	PASS
Band38	15	38000	36	#Max	QPSK	20.72	1.2	21.92	155.60	2000	PASS
Band38	15	38000	75	#0	QPSK	20.64	1.2	21.84	152.76	2000	PASS
Band38	15	38000	1	#0	QAM16	20.44	1.2	21.64	145.88	2000	PASS
Band38	15	38000	1	#Mid	QAM16	20.54	1.2	21.74	149.28	2000	PASS
Band38	15	38000	1	#Max	QAM16	20.47	1.2	21.67	146.89	2000	PASS
Band38	15	38000	36	#0	QAM16	19.46	1.2	20.66	116.41	2000	PASS
Band38	15	38000	36	#Max	QAM16	19.60	1.2	20.80	120.23	2000	PASS
Band38	15	38000	75	#0	QAM16	19.52	1.2	20.72	118.03	2000	PASS
Band38	15	38175	1	#0	QPSK	21.63	1.2	22.83	191.87	2000	PASS
Band38	15	38175	1	#Mid	QPSK	21.62	1.2	22.82	191.43	2000	PASS
Band38	15	38175	1	#Max	QPSK	21.47	1.2	22.67	184.93	2000	PASS
Band38	15	38175	36	#0	QPSK	20.66	1.2	21.86	153.46	2000	PASS
Band38	15	38175	36	#Max	QPSK	20.70	1.2	21.90	154.88	2000	PASS
Band38	15	38175	75	#0	QPSK	20.72	1.2	21.92	155.60	2000	PASS
Band38	15	38175	1	#0	QAM16	20.56	1.2	21.76	149.97	2000	PASS
Band38	15	38175	1	#Mid	QAM16	20.55	1.2	21.75	149.62	2000	PASS
Band38	15	38175	1	#Max	QAM16	20.40	1.2	21.60	144.54	2000	PASS
Band38	15	38175	36	#0	QAM16	19.55	1.2	20.75	118.85	2000	PASS
Band38	15	38175	36	#Max	QAM16	19.46	1.2	20.66	116.41	2000	PASS
Band38	15	38175	75	#0	QAM16	19.49	1.2	20.69	117.22	2000	PASS
Band38	20	37850	1	#0	QPSK	21.36	1.2	22.56	180.30	2000	PASS
Band38	20	37850	1	#Mid	QPSK	21.65	1.2	22.85	192.75	2000	PASS
Band38	20	37850	1	#Max	QPSK	21.30	1.2	22.50	177.83	2000	PASS
Band38	20	37850	50	#0	QPSK	20.39	1.2	21.59	144.21	2000	PASS
Band38	20	37850	50	#Max	QPSK	20.56	1.2	21.76	149.97	2000	PASS
Band38	20	37850	100	#0	QPSK	20.46	1.2	21.66	146.55	2000	PASS
Band38	20	37850	1	#0	QAM16	20.49	1.2	21.69	147.57	2000	PASS
Band38	20	37850	1	#Mid	QAM16	20.77	1.2	21.97	157.40	2000	PASS
Band38	20	37850	1	#Max	QAM16	20.43	1.2	21.63	145.55	2000	PASS
Band38	20	37850	50	#0	QAM16	19.36	1.2	20.56	113.76	2000	PASS
Band38	20	37850	50	#Max	QAM16	19.55	1.2	20.75	118.85	2000	PASS
Band38	20	37850	100	#0	QAM16	19.42	1.2	20.62	115.35	2000	PASS
Band38	20	38000	1	#0	QPSK	21.31	1.2	22.51	178.24	2000	PASS
Band38	20	38000	1	#Mid	QPSK	21.73	1.2	22.93	196.34	2000	PASS
Band38	20	38000	1	#Max	QPSK	21.41	1.2	22.61	182.39	2000	PASS
Band38	20	38000	50	#0	QPSK	20.37	1.2	21.57	143.55	2000	PASS
Band38	20	38000	50	#Max	QPSK	20.65	1.2	21.85	153.11	2000	PASS
Band38	20	38000	100	#0	QPSK	20.52	1.2	21.72	148.59	2000	PASS
Band38	20	38000	1	#0	QAM16	20.21	1.2	21.41	138.36	2000	PASS

Band38	20	38000	1	#Mid	QAM16	20.62	1.2	21.82	152.05	2000	PASS
Band38	20	38000	1	#Max	QAM16	20.30	1.2	21.50	141.25	2000	PASS
Band38	20	38000	50	#0	QAM16	19.32	1.2	20.52	112.72	2000	PASS
Band38	20	38000	50	#Max	QAM16	19.57	1.2	20.77	119.40	2000	PASS
Band38	20	38000	100	#0	QAM16	19.50	1.2	20.70	117.49	2000	PASS
Band38	20	38150	1	#0	QPSK	21.36	1.2	22.56	180.30	2000	PASS
Band38	20	38150	1	#Mid	QPSK	21.74	1.2	22.94	196.79	2000	PASS
Band38	20	38150	1	#Max	QPSK	21.26	1.2	22.46	176.20	2000	PASS
Band38	20	38150	50	#0	QPSK	20.51	1.2	21.71	148.25	2000	PASS
Band38	20	38150	50	#Max	QPSK	20.50	1.2	21.70	147.91	2000	PASS
Band38	20	38150	100	#0	QPSK	20.48	1.2	21.68	147.23	2000	PASS
Band38	20	38150	1	#0	QAM16	19.99	1.2	21.19	131.52	2000	PASS
Band38	20	38150	1	#Mid	QAM16	20.34	1.2	21.54	142.56	2000	PASS
Band38	20	38150	1	#Max	QAM16	19.88	1.2	21.08	128.23	2000	PASS
Band38	20	38150	50	#0	QAM16	19.51	1.2	20.71	117.76	2000	PASS
Band38	20	38150	50	#Max	QAM16	19.45	1.2	20.65	116.14	2000	PASS
Band38	20	38150	100	#0	QAM16	19.42	1.2	20.62	115.35	2000	PASS
Band4	1.4	19957	1	#0	QPSK	21.64	-0.3	21.34	136.14	1000	PASS
Band4	1.4	19957	1	#Mid	QPSK	21.80	-0.3	21.50	141.25	1000	PASS
Band4	1.4	19957	1	#Max	QPSK	21.66	-0.3	21.36	136.77	1000	PASS
Band4	1.4	19957	3	#0	QPSK	21.69	-0.3	21.39	137.72	1000	PASS
Band4	1.4	19957	3	#Max	QPSK	21.67	-0.3	21.37	137.09	1000	PASS
Band4	1.4	19957	6	#0	QPSK	20.66	-0.3	20.36	108.64	1000	PASS
Band4	1.4	19957	1	#0	QAM16	20.53	-0.3	20.23	105.44	1000	PASS
Band4	1.4	19957	1	#Mid	QAM16	20.66	-0.3	20.36	108.64	1000	PASS
Band4	1.4	19957	1	#Max	QAM16	20.50	-0.3	20.20	104.71	1000	PASS
Band4	1.4	19957	3	#0	QAM16	20.61	-0.3	20.31	107.40	1000	PASS
Band4	1.4	19957	3	#Max	QAM16	20.58	-0.3	20.28	106.66	1000	PASS
Band4	1.4	19957	6	#0	QAM16	19.63	-0.3	19.33	85.70	1000	PASS
Band4	1.4	20175	1	#0	QPSK	21.46	-0.3	21.16	130.62	1000	PASS
Band4	1.4	20175	1	#Mid	QPSK	21.66	-0.3	21.36	136.77	1000	PASS
Band4	1.4	20175	1	#Max	QPSK	21.43	-0.3	21.13	129.72	1000	PASS
Band4	1.4	20175	3	#0	QPSK	21.44	-0.3	21.14	130.02	1000	PASS
Band4	1.4	20175	3	#Max	QPSK	21.41	-0.3	21.11	129.12	1000	PASS
Band4	1.4	20175	6	#0	QPSK	20.40	-0.3	20.10	102.33	1000	PASS
Band4	1.4	20175	1	#0	QAM16	20.39	-0.3	20.09	102.09	1000	PASS
Band4	1.4	20175	1	#Mid	QAM16	20.71	-0.3	20.41	109.90	1000	PASS
Band4	1.4	20175	1	#Max	QAM16	20.40	-0.3	20.10	102.33	1000	PASS
Band4	1.4	20175	3	#0	QAM16	20.56	-0.3	20.26	106.17	1000	PASS
Band4	1.4	20175	3	#Max	QAM16	20.60	-0.3	20.30	107.15	1000	PASS
Band4	1.4	20175	6	#0	QAM16	19.42	-0.3	19.12	81.66	1000	PASS
Band4	1.4	20393	1	#0	QPSK	21.06	-0.3	20.76	119.12	1000	PASS
Band4	1.4	20393	1	#Mid	QPSK	21.22	-0.3	20.92	123.59	1000	PASS
Band4	1.4	20393	1	#Max	QPSK	20.99	-0.3	20.69	117.22	1000	PASS

Band4	1.4	20393	3	#0	QPSK	21.11	-0.3	20.81	120.50	1000	PASS
Band4	1.4	20393	3	#Max	QPSK	21.08	-0.3	20.78	119.67	1000	PASS
Band4	1.4	20393	6	#0	QPSK	20.12	-0.3	19.82	95.94	1000	PASS
Band4	1.4	20393	1	#0	QAM16	20.18	-0.3	19.88	97.27	1000	PASS
Band4	1.4	20393	1	#Mid	QAM16	20.38	-0.3	20.08	101.86	1000	PASS
Band4	1.4	20393	1	#Max	QAM16	20.17	-0.3	19.87	97.05	1000	PASS
Band4	1.4	20393	3	#0	QAM16	20.04	-0.3	19.74	94.19	1000	PASS
Band4	1.4	20393	3	#Max	QAM16	20.10	-0.3	19.80	95.50	1000	PASS
Band4	1.4	20393	6	#0	QAM16	19.01	-0.3	18.71	74.30	1000	PASS
Band4	3	19965	1	#0	QPSK	21.62	-0.3	21.32	135.52	1000	PASS
Band4	3	19965	1	#Mid	QPSK	21.60	-0.3	21.30	134.90	1000	PASS
Band4	3	19965	1	#Max	QPSK	21.55	-0.3	21.25	133.35	1000	PASS
Band4	3	19965	8	#0	QPSK	20.61	-0.3	20.31	107.40	1000	PASS
Band4	3	19965	8	#Max	QPSK	20.61	-0.3	20.31	107.40	1000	PASS
Band4	3	19965	15	#0	QPSK	20.57	-0.3	20.27	106.41	1000	PASS
Band4	3	19965	1	#0	QAM16	20.89	-0.3	20.59	114.55	1000	PASS
Band4	3	19965	1	#Mid	QAM16	20.88	-0.3	20.58	114.29	1000	PASS
Band4	3	19965	1	#Max	QAM16	20.80	-0.3	20.50	112.20	1000	PASS
Band4	3	19965	8	#0	QAM16	19.60	-0.3	19.30	85.11	1000	PASS
Band4	3	19965	8	#Max	QAM16	19.59	-0.3	19.29	84.92	1000	PASS
Band4	3	19965	15	#0	QAM16	19.53	-0.3	19.23	83.75	1000	PASS
Band4	3	20175	1	#0	QPSK	21.40	-0.3	21.10	128.82	1000	PASS
Band4	3	20175	1	#Mid	QPSK	21.43	-0.3	21.13	129.72	1000	PASS
Band4	3	20175	1	#Max	QPSK	21.42	-0.3	21.12	129.42	1000	PASS
Band4	3	20175	8	#0	QPSK	20.38	-0.3	20.08	101.86	1000	PASS
Band4	3	20175	8	#Max	QPSK	20.42	-0.3	20.12	102.80	1000	PASS
Band4	3	20175	15	#0	QPSK	20.37	-0.3	20.07	101.62	1000	PASS
Band4	3	20175	1	#0	QAM16	20.59	-0.3	20.29	106.91	1000	PASS
Band4	3	20175	1	#Mid	QAM16	20.59	-0.3	20.29	106.91	1000	PASS
Band4	3	20175	1	#Max	QAM16	20.56	-0.3	20.26	106.17	1000	PASS
Band4	3	20175	8	#0	QAM16	19.37	-0.3	19.07	80.72	1000	PASS
Band4	3	20175	8	#Max	QAM16	19.39	-0.3	19.09	81.10	1000	PASS
Band4	3	20175	15	#0	QAM16	19.23	-0.3	18.93	78.16	1000	PASS
Band4	3	20385	1	#0	QPSK	21.19	-0.3	20.89	122.74	1000	PASS
Band4	3	20385	1	#Mid	QPSK	21.19	-0.3	20.89	122.74	1000	PASS
Band4	3	20385	1	#Max	QPSK	21.12	-0.3	20.82	120.78	1000	PASS
Band4	3	20385	8	#0	QPSK	20.15	-0.3	19.85	96.61	1000	PASS
Band4	3	20385	8	#Max	QPSK	20.10	-0.3	19.80	95.50	1000	PASS
Band4	3	20385	15	#0	QPSK	20.10	-0.3	19.80	95.50	1000	PASS
Band4	3	20385	1	#0	QAM16	20.01	-0.3	19.71	93.54	1000	PASS
Band4	3	20385	1	#Mid	QAM16	19.98	-0.3	19.68	92.90	1000	PASS
Band4	3	20385	1	#Max	QAM16	19.91	-0.3	19.61	91.41	1000	PASS
Band4	3	20385	8	#0	QAM16	19.12	-0.3	18.82	76.21	1000	PASS
Band4	3	20385	8	#Max	QAM16	19.09	-0.3	18.79	75.68	1000	PASS

Band4	3	20385	15	#0	QAM16	19.05	-0.3	18.75	74.99	1000	PASS
Band4	5	19975	1	#0	QPSK	21.53	-0.3	21.23	132.74	1000	PASS
Band4	5	19975	1	#Mid	QPSK	21.61	-0.3	21.31	135.21	1000	PASS
Band4	5	19975	1	#Max	QPSK	21.42	-0.3	21.12	129.42	1000	PASS
Band4	5	19975	12	#0	QPSK	20.52	-0.3	20.22	105.20	1000	PASS
Band4	5	19975	12	#Max	QPSK	20.51	-0.3	20.21	104.95	1000	PASS
Band4	5	19975	25	#0	QPSK	20.55	-0.3	20.25	105.93	1000	PASS
Band4	5	19975	1	#0	QAM16	20.78	-0.3	20.48	111.69	1000	PASS
Band4	5	19975	1	#Mid	QAM16	20.87	-0.3	20.57	114.02	1000	PASS
Band4	5	19975	1	#Max	QAM16	20.68	-0.3	20.38	109.14	1000	PASS
Band4	5	19975	12	#0	QAM16	19.47	-0.3	19.17	82.60	1000	PASS
Band4	5	19975	12	#Max	QAM16	19.46	-0.3	19.16	82.41	1000	PASS
Band4	5	19975	25	#0	QAM16	19.52	-0.3	19.22	83.56	1000	PASS
Band4	5	20175	1	#0	QPSK	21.29	-0.3	20.99	125.60	1000	PASS
Band4	5	20175	1	#Mid	QPSK	21.43	-0.3	21.13	129.72	1000	PASS
Band4	5	20175	1	#Max	QPSK	21.31	-0.3	21.01	126.18	1000	PASS
Band4	5	20175	12	#0	QPSK	20.35	-0.3	20.05	101.16	1000	PASS
Band4	5	20175	12	#Max	QPSK	20.35	-0.3	20.05	101.16	1000	PASS
Band4	5	20175	25	#0	QPSK	20.35	-0.3	20.05	101.16	1000	PASS
Band4	5	20175	1	#0	QAM16	20.46	-0.3	20.16	103.75	1000	PASS
Band4	5	20175	1	#Mid	QAM16	20.61	-0.3	20.31	107.40	1000	PASS
Band4	5	20175	1	#Max	QAM16	20.49	-0.3	20.19	104.47	1000	PASS
Band4	5	20175	12	#0	QAM16	19.28	-0.3	18.98	79.07	1000	PASS
Band4	5	20175	12	#Max	QAM16	19.27	-0.3	18.97	78.89	1000	PASS
Band4	5	20175	25	#0	QAM16	19.29	-0.3	18.99	79.25	1000	PASS
Band4	5	20375	1	#0	QPSK	21.05	-0.3	20.75	118.85	1000	PASS
Band4	5	20375	1	#Mid	QPSK	21.08	-0.3	20.78	119.67	1000	PASS
Band4	5	20375	1	#Max	QPSK	20.87	-0.3	20.57	114.02	1000	PASS
Band4	5	20375	12	#0	QPSK	20.10	-0.3	19.80	95.50	1000	PASS
Band4	5	20375	12	#Max	QPSK	19.98	-0.3	19.68	92.90	1000	PASS
Band4	5	20375	25	#0	QPSK	20.08	-0.3	19.78	95.06	1000	PASS
Band4	5	20375	1	#0	QAM16	20.34	-0.3	20.04	100.93	1000	PASS
Band4	5	20375	1	#Mid	QAM16	20.33	-0.3	20.03	100.69	1000	PASS
Band4	5	20375	1	#Max	QAM16	20.13	-0.3	19.83	96.16	1000	PASS
Band4	5	20375	12	#0	QAM16	19.09	-0.3	18.79	75.68	1000	PASS
Band4	5	20375	12	#Max	QAM16	19.00	-0.3	18.70	74.13	1000	PASS
Band4	5	20375	25	#0	QAM16	19.04	-0.3	18.74	74.82	1000	PASS
Band4	10	20000	1	#0	QPSK	21.56	-0.3	21.26	133.66	1000	PASS
Band4	10	20000	1	#Mid	QPSK	21.57	-0.3	21.27	133.97	1000	PASS
Band4	10	20000	1	#Max	QPSK	21.37	-0.3	21.07	127.94	1000	PASS
Band4	10	20000	25	#0	QPSK	20.50	-0.3	20.20	104.71	1000	PASS
Band4	10	20000	25	#Max	QPSK	20.44	-0.3	20.14	103.28	1000	PASS
Band4	10	20000	50	#0	QPSK	20.43	-0.3	20.13	103.04	1000	PASS
Band4	10	20000	1	#0	QAM16	20.81	-0.3	20.51	112.46	1000	PASS

Band4	10	20000	1	#Mid	QAM16	20.76	-0.3	20.46	111.17	1000	PASS
Band4	10	20000	1	#Max	QAM16	20.64	-0.3	20.34	108.14	1000	PASS
Band4	10	20000	25	#0	QAM16	19.52	-0.3	19.22	83.56	1000	PASS
Band4	10	20000	25	#Max	QAM16	19.47	-0.3	19.17	82.60	1000	PASS
Band4	10	20000	50	#0	QAM16	19.39	-0.3	19.09	81.10	1000	PASS
Band4	10	20175	1	#0	QPSK	21.35	-0.3	21.05	127.35	1000	PASS
Band4	10	20175	1	#Mid	QPSK	21.45	-0.3	21.15	130.32	1000	PASS
Band4	10	20175	1	#Max	QPSK	21.37	-0.3	21.07	127.94	1000	PASS
Band4	10	20175	25	#0	QPSK	20.42	-0.3	20.12	102.80	1000	PASS
Band4	10	20175	25	#Max	QPSK	20.43	-0.3	20.13	103.04	1000	PASS
Band4	10	20175	50	#0	QPSK	20.39	-0.3	20.09	102.09	1000	PASS
Band4	10	20175	1	#0	QAM16	20.51	-0.3	20.21	104.95	1000	PASS
Band4	10	20175	1	#Mid	QAM16	20.62	-0.3	20.32	107.65	1000	PASS
Band4	10	20175	1	#Max	QAM16	20.52	-0.3	20.22	105.20	1000	PASS
Band4	10	20175	25	#0	QAM16	19.42	-0.3	19.12	81.66	1000	PASS
Band4	10	20175	25	#Max	QAM16	19.46	-0.3	19.16	82.41	1000	PASS
Band4	10	20175	50	#0	QAM16	19.35	-0.3	19.05	80.35	1000	PASS
Band4	10	20350	1	#0	QPSK	21.35	-0.3	21.05	127.35	1000	PASS
Band4	10	20350	1	#Mid	QPSK	21.34	-0.3	21.04	127.06	1000	PASS
Band4	10	20350	1	#Max	QPSK	21.09	-0.3	20.79	119.95	1000	PASS
Band4	10	20350	25	#0	QPSK	20.17	-0.3	19.87	97.05	1000	PASS
Band4	10	20350	25	#Max	QPSK	20.08	-0.3	19.78	95.06	1000	PASS
Band4	10	20350	50	#0	QPSK	20.14	-0.3	19.84	96.38	1000	PASS
Band4	10	20350	1	#0	QAM16	20.14	-0.3	19.84	96.38	1000	PASS
Band4	10	20350	1	#Mid	QAM16	20.12	-0.3	19.82	95.94	1000	PASS
Band4	10	20350	1	#Max	QAM16	19.86	-0.3	19.56	90.36	1000	PASS
Band4	10	20350	25	#0	QAM16	19.14	-0.3	18.84	76.56	1000	PASS
Band4	10	20350	25	#Max	QAM16	19.05	-0.3	18.75	74.99	1000	PASS
Band4	10	20350	50	#0	QAM16	19.08	-0.3	18.78	75.51	1000	PASS
Band4	15	20025	1	#0	QPSK	21.40	-0.3	21.10	128.82	1000	PASS
Band4	15	20025	1	#Mid	QPSK	21.37	-0.3	21.07	127.94	1000	PASS
Band4	15	20025	1	#Max	QPSK	21.16	-0.3	20.86	121.90	1000	PASS
Band4	15	20025	36	#0	QPSK	20.46	-0.3	20.16	103.75	1000	PASS
Band4	15	20025	36	#Max	QPSK	20.32	-0.3	20.02	100.46	1000	PASS
Band4	15	20025	75	#0	QPSK	20.40	-0.3	20.10	102.33	1000	PASS
Band4	15	20025	1	#0	QAM16	20.67	-0.3	20.37	108.89	1000	PASS
Band4	15	20025	1	#Mid	QAM16	20.65	-0.3	20.35	108.39	1000	PASS
Band4	15	20025	1	#Max	QAM16	20.47	-0.3	20.17	103.99	1000	PASS
Band4	15	20025	36	#0	QAM16	19.42	-0.3	19.12	81.66	1000	PASS
Band4	15	20025	36	#Max	QAM16	19.33	-0.3	19.03	79.98	1000	PASS
Band4	15	20025	75	#0	QAM16	19.39	-0.3	19.09	81.10	1000	PASS
Band4	15	20175	1	#0	QPSK	21.21	-0.3	20.91	123.31	1000	PASS
Band4	15	20175	1	#Mid	QPSK	21.37	-0.3	21.07	127.94	1000	PASS
Band4	15	20175	1	#Max	QPSK	21.24	-0.3	20.94	124.17	1000	PASS

Band4	15	20175	36	#0	QPSK	20.34	-0.3	20.04	100.93	1000	PASS
Band4	15	20175	36	#Max	QPSK	20.40	-0.3	20.10	102.33	1000	PASS
Band4	15	20175	75	#0	QPSK	20.39	-0.3	20.09	102.09	1000	PASS
Band4	15	20175	1	#0	QAM16	20.37	-0.3	20.07	101.62	1000	PASS
Band4	15	20175	1	#Mid	QAM16	20.50	-0.3	20.20	104.71	1000	PASS
Band4	15	20175	1	#Max	QAM16	20.36	-0.3	20.06	101.39	1000	PASS
Band4	15	20175	36	#0	QAM16	19.32	-0.3	19.02	79.80	1000	PASS
Band4	15	20175	36	#Max	QAM16	19.34	-0.3	19.04	80.17	1000	PASS
Band4	15	20175	75	#0	QAM16	19.30	-0.3	19.00	79.43	1000	PASS
Band4	15	20325	1	#0	QPSK	21.25	-0.3	20.95	124.45	1000	PASS
Band4	15	20325	1	#Mid	QPSK	21.32	-0.3	21.02	126.47	1000	PASS
Band4	15	20325	1	#Max	QPSK	20.97	-0.3	20.67	116.68	1000	PASS
Band4	15	20325	36	#0	QPSK	20.27	-0.3	19.97	99.31	1000	PASS
Band4	15	20325	36	#Max	QPSK	20.18	-0.3	19.88	97.27	1000	PASS
Band4	15	20325	75	#0	QPSK	20.23	-0.3	19.93	98.40	1000	PASS
Band4	15	20325	1	#0	QAM16	20.23	-0.3	19.93	98.40	1000	PASS
Band4	15	20325	1	#Mid	QAM16	20.28	-0.3	19.98	99.54	1000	PASS
Band4	15	20325	1	#Max	QAM16	19.90	-0.3	19.60	91.20	1000	PASS
Band4	15	20325	36	#0	QAM16	19.19	-0.3	18.89	77.45	1000	PASS
Band4	15	20325	36	#Max	QAM16	19.09	-0.3	18.79	75.68	1000	PASS
Band4	15	20325	75	#0	QAM16	19.19	-0.3	18.89	77.45	1000	PASS
Band4	20	20050	1	#0	QPSK	21.26	-0.3	20.96	124.74	1000	PASS
Band4	20	20050	1	#Mid	QPSK	21.45	-0.3	21.15	130.32	1000	PASS
Band4	20	20050	1	#Max	QPSK	21.06	-0.3	20.76	119.12	1000	PASS
Band4	20	20050	50	#0	QPSK	20.38	-0.3	20.08	101.86	1000	PASS
Band4	20	20050	50	#Max	QPSK	20.25	-0.3	19.95	98.86	1000	PASS
Band4	20	20050	100	#0	QPSK	20.34	-0.3	20.04	100.93	1000	PASS
Band4	20	20050	1	#0	QAM16	20.44	-0.3	20.14	103.28	1000	PASS
Band4	20	20050	1	#Mid	QAM16	20.68	-0.3	20.38	109.14	1000	PASS
Band4	20	20050	1	#Max	QAM16	20.24	-0.3	19.94	98.63	1000	PASS
Band4	20	20050	50	#0	QAM16	19.37	-0.3	19.07	80.72	1000	PASS
Band4	20	20050	50	#Max	QAM16	19.28	-0.3	18.98	79.07	1000	PASS
Band4	20	20050	100	#0	QAM16	19.30	-0.3	19.00	79.43	1000	PASS
Band4	20	20175	1	#0	QPSK	21.13	-0.3	20.83	121.06	1000	PASS
Band4	20	20175	1	#Mid	QPSK	21.49	-0.3	21.19	131.52	1000	PASS
Band4	20	20175	1	#Max	QPSK	21.13	-0.3	20.83	121.06	1000	PASS
Band4	20	20175	50	#0	QPSK	20.33	-0.3	20.03	100.69	1000	PASS
Band4	20	20175	50	#Max	QPSK	20.34	-0.3	20.04	100.93	1000	PASS
Band4	20	20175	100	#0	QPSK	20.35	-0.3	20.05	101.16	1000	PASS
Band4	20	20175	1	#0	QAM16	19.97	-0.3	19.67	92.68	1000	PASS
Band4	20	20175	1	#Mid	QAM16	20.33	-0.3	20.03	100.69	1000	PASS
Band4	20	20175	1	#Max	QAM16	19.94	-0.3	19.64	92.04	1000	PASS
Band4	20	20175	50	#0	QAM16	19.32	-0.3	19.02	79.80	1000	PASS
Band4	20	20175	50	#Max	QAM16	19.30	-0.3	19.00	79.43	1000	PASS

Band4	20	20175	100	#0	QAM16	19.35	-0.3	19.05	80.35	1000	PASS
Band4	20	20300	1	#0	QPSK	21.07	-0.3	20.77	119.40	1000	PASS
Band4	20	20300	1	#Mid	QPSK	21.40	-0.3	21.10	128.82	1000	PASS
Band4	20	20300	1	#Max	QPSK	20.76	-0.3	20.46	111.17	1000	PASS
Band4	20	20300	50	#0	QPSK	20.20	-0.3	19.90	97.72	1000	PASS
Band4	20	20300	50	#Max	QPSK	20.18	-0.3	19.88	97.27	1000	PASS
Band4	20	20300	100	#0	QPSK	20.21	-0.3	19.91	97.95	1000	PASS
Band4	20	20300	1	#0	QAM16	19.88	-0.3	19.58	90.78	1000	PASS
Band4	20	20300	1	#Mid	QAM16	20.18	-0.3	19.88	97.27	1000	PASS
Band4	20	20300	1	#Max	QAM16	19.50	-0.3	19.20	83.18	1000	PASS
Band4	20	20300	50	#0	QAM16	19.21	-0.3	18.91	77.80	1000	PASS
Band4	20	20300	50	#Max	QAM16	19.21	-0.3	18.91	77.80	1000	PASS
Band4	20	20300	100	#0	QAM16	19.18	-0.3	18.88	77.27	1000	PASS
Band40a	5	38725	1	#0	QPSK	19.37	1.8	21.17	130.92	1000	PASS
Band40a	5	38725	1	#Mid	QPSK	19.50	1.8	21.30	134.90	1000	PASS
Band40a	5	38725	1	#Max	QPSK	19.31	1.8	21.11	129.12	1000	PASS
Band40a	5	38725	12	#0	QPSK	18.48	1.8	20.28	106.66	1000	PASS
Band40a	5	38725	12	#Max	QPSK	18.45	1.8	20.25	105.93	1000	PASS
Band40a	5	38725	25	#0	QPSK	18.51	1.8	20.31	107.40	1000	PASS
Band40a	5	38725	1	#0	QAM16	18.62	1.8	20.42	110.15	1000	PASS
Band40a	5	38725	1	#Mid	QAM16	18.72	1.8	20.52	112.72	1000	PASS
Band40a	5	38725	1	#Max	QAM16	18.56	1.8	20.36	108.64	1000	PASS
Band40a	5	38725	12	#0	QAM16	17.47	1.8	19.27	84.53	1000	PASS
Band40a	5	38725	12	#Max	QAM16	17.44	1.8	19.24	83.95	1000	PASS
Band40a	5	38725	25	#0	QAM16	17.51	1.8	19.31	85.31	1000	PASS
Band40a	5	38750	1	#0	QPSK	19.28	1.8	21.08	128.23	1000	PASS
Band40a	5	38750	1	#Mid	QPSK	19.45	1.8	21.25	133.35	1000	PASS
Band40a	5	38750	1	#Max	QPSK	19.27	1.8	21.07	127.94	1000	PASS
Band40a	5	38750	12	#0	QPSK	18.48	1.8	20.28	106.66	1000	PASS
Band40a	5	38750	12	#Max	QPSK	18.39	1.8	20.19	104.47	1000	PASS
Band40a	5	38750	25	#0	QPSK	18.47	1.8	20.27	106.41	1000	PASS
Band40a	5	38750	1	#0	QAM16	18.65	1.8	20.45	110.92	1000	PASS
Band40a	5	38750	1	#Mid	QAM16	18.76	1.8	20.56	113.76	1000	PASS
Band40a	5	38750	1	#Max	QAM16	18.59	1.8	20.39	109.40	1000	PASS
Band40a	5	38750	12	#0	QAM16	17.61	1.8	19.41	87.30	1000	PASS
Band40a	5	38750	12	#Max	QAM16	17.52	1.8	19.32	85.51	1000	PASS
Band40a	5	38750	25	#0	QAM16	17.52	1.8	19.32	85.51	1000	PASS
Band40a	5	38775	1	#0	QPSK	19.36	1.8	21.16	130.62	1000	PASS
Band40a	5	38775	1	#Mid	QPSK	19.42	1.8	21.22	132.43	1000	PASS
Band40a	5	38775	1	#Max	QPSK	19.25	1.8	21.05	127.35	1000	PASS
Band40a	5	38775	12	#0	QPSK	18.44	1.8	20.24	105.68	1000	PASS
Band40a	5	38775	12	#Max	QPSK	18.35	1.8	20.15	103.51	1000	PASS
Band40a	5	38775	25	#0	QPSK	18.46	1.8	20.26	106.17	1000	PASS
Band40a	5	38775	1	#0	QAM16	18.78	1.8	20.58	114.29	1000	PASS

Band40a	5	38775	1	#Mid	QAM16	18.86	1.8	20.66	116.41	1000	PASS
Band40a	5	38775	1	#Max	QAM16	18.63	1.8	20.43	110.41	1000	PASS
Band40a	5	38775	12	#0	QAM16	17.50	1.8	19.30	85.11	1000	PASS
Band40a	5	38775	12	#Max	QAM16	17.36	1.8	19.16	82.41	1000	PASS
Band40a	5	38775	25	#0	QAM16	17.50	1.8	19.30	85.11	1000	PASS
Band40a	10	38750	1	#0	QPSK	19.45	1.8	21.25	133.35	1000	PASS
Band40a	10	38750	1	#Mid	QPSK	19.63	1.8	21.43	139.00	1000	PASS
Band40a	10	38750	1	#Max	QPSK	19.31	1.8	21.11	129.12	1000	PASS
Band40a	10	38750	25	#0	QPSK	18.59	1.8	20.39	109.40	1000	PASS
Band40a	10	38750	25	#Max	QPSK	18.43	1.8	20.23	105.44	1000	PASS
Band40a	10	38750	50	#0	QPSK	18.57	1.8	20.37	108.89	1000	PASS
Band40a	10	38750	1	#0	QAM16	18.83	1.8	20.63	115.61	1000	PASS
Band40a	10	38750	1	#Mid	QAM16	19.01	1.8	20.81	120.50	1000	PASS
Band40a	10	38750	1	#Max	QAM16	18.68	1.8	20.48	111.69	1000	PASS
Band40a	10	38750	25	#0	QAM16	17.74	1.8	19.54	89.95	1000	PASS
Band40a	10	38750	25	#Max	QAM16	17.58	1.8	19.38	86.70	1000	PASS
Band40a	10	38750	50	#0	QAM16	17.61	1.8	19.41	87.30	1000	PASS
Band40b	5	39175	1	#0	QPSK	18.87	1.8	20.67	116.68	1000	PASS
Band40b	5	39175	1	#Mid	QPSK	19.04	1.8	20.84	121.34	1000	PASS
Band40b	5	39175	1	#Max	QPSK	18.86	1.8	20.66	116.41	1000	PASS
Band40b	5	39175	12	#0	QPSK	18.04	1.8	19.84	96.38	1000	PASS
Band40b	5	39175	12	#Max	QPSK	17.99	1.8	19.79	95.28	1000	PASS
Band40b	5	39175	25	#0	QPSK	18.00	1.8	19.80	95.50	1000	PASS
Band40b	5	39175	1	#0	QAM16	18.09	1.8	19.89	97.50	1000	PASS
Band40b	5	39175	1	#Mid	QAM16	18.27	1.8	20.07	101.62	1000	PASS
Band40b	5	39175	1	#Max	QAM16	18.11	1.8	19.91	97.95	1000	PASS
Band40b	5	39175	12	#0	QAM16	17.00	1.8	18.80	75.86	1000	PASS
Band40b	5	39175	12	#Max	QAM16	16.96	1.8	18.76	75.16	1000	PASS
Band40b	5	39175	25	#0	QAM16	17.03	1.8	18.83	76.38	1000	PASS
Band40b	5	39200	1	#0	QPSK	18.82	1.8	20.62	115.35	1000	PASS
Band40b	5	39200	1	#Mid	QPSK	18.98	1.8	20.78	119.67	1000	PASS
Band40b	5	39200	1	#Max	QPSK	18.80	1.8	20.60	114.82	1000	PASS
Band40b	5	39200	12	#0	QPSK	18.00	1.8	19.80	95.50	1000	PASS
Band40b	5	39200	12	#Max	QPSK	17.98	1.8	19.78	95.06	1000	PASS
Band40b	5	39200	25	#0	QPSK	18.02	1.8	19.82	95.94	1000	PASS
Band40b	5	39200	1	#0	QAM16	18.17	1.8	19.97	99.31	1000	PASS
Band40b	5	39200	1	#Mid	QAM16	18.33	1.8	20.13	103.04	1000	PASS
Band40b	5	39200	1	#Max	QAM16	18.15	1.8	19.95	98.86	1000	PASS
Band40b	5	39200	12	#0	QAM16	17.09	1.8	18.89	77.45	1000	PASS
Band40b	5	39200	12	#Max	QAM16	17.04	1.8	18.84	76.56	1000	PASS
Band40b	5	39200	25	#0	QAM16	17.07	1.8	18.87	77.09	1000	PASS
Band40b	5	39225	1	#0	QPSK	18.88	1.8	20.68	116.95	1000	PASS
Band40b	5	39225	1	#Mid	QPSK	18.97	1.8	20.77	119.40	1000	PASS
Band40b	5	39225	1	#Max	QPSK	18.85	1.8	20.65	116.14	1000	PASS

Band40b	5	39225	12	#0	QPSK	18.05	1.8	19.85	96.61	1000	PASS
Band40b	5	39225	12	#Max	QPSK	18.00	1.8	19.80	95.50	1000	PASS
Band40b	5	39225	25	#0	QPSK	18.04	1.8	19.84	96.38	1000	PASS
Band40b	5	39225	1	#0	QAM16	18.29	1.8	20.09	102.09	1000	PASS
Band40b	5	39225	1	#Mid	QAM16	18.41	1.8	20.21	104.95	1000	PASS
Band40b	5	39225	1	#Max	QAM16	18.26	1.8	20.06	101.39	1000	PASS
Band40b	5	39225	12	#0	QAM16	17.04	1.8	18.84	76.56	1000	PASS
Band40b	5	39225	12	#Max	QAM16	16.99	1.8	18.79	75.68	1000	PASS
Band40b	5	39225	25	#0	QAM16	17.10	1.8	18.90	77.62	1000	PASS
Band40b	10	39200	1	#0	QPSK	18.92	1.8	20.72	118.03	1000	PASS
Band40b	10	39200	1	#Mid	QPSK	19.15	1.8	20.95	124.45	1000	PASS
Band40b	10	39200	1	#Max	QPSK	18.88	1.8	20.68	116.95	1000	PASS
Band40b	10	39200	25	#0	QPSK	18.07	1.8	19.87	97.05	1000	PASS
Band40b	10	39200	25	#Max	QPSK	18.02	1.8	19.82	95.94	1000	PASS
Band40b	10	39200	50	#0	QPSK	18.08	1.8	19.88	97.27	1000	PASS
Band40b	10	39200	1	#0	QAM16	18.34	1.8	20.14	103.28	1000	PASS
Band40b	10	39200	1	#Mid	QAM16	18.54	1.8	20.34	108.14	1000	PASS
Band40b	10	39200	1	#Max	QAM16	18.33	1.8	20.13	103.04	1000	PASS
Band40b	10	39200	25	#0	QAM16	17.20	1.8	19.00	79.43	1000	PASS
Band40b	10	39200	25	#Max	QAM16	17.13	1.8	18.93	78.16	1000	PASS
Band40b	10	39200	50	#0	QAM16	17.12	1.8	18.92	77.98	1000	PASS
Band41	5	39675	1	#0	QPSK	19.04	1	20.04	100.93	2000	PASS
Band41	5	39675	1	#Mid	QPSK	19.68	1	20.68	116.95	2000	PASS
Band41	5	39675	1	#Max	QPSK	19.87	1	20.87	122.18	2000	PASS
Band41	5	39675	12	#0	QPSK	19.31	1	20.31	107.40	2000	PASS
Band41	5	39675	12	#Max	QPSK	19.77	1	20.77	119.40	2000	PASS
Band41	5	39675	25	#0	QPSK	19.55	1	20.55	113.50	2000	PASS
Band41	5	39675	1	#0	QAM16	19.58	1	20.58	114.29	2000	PASS
Band41	5	39675	1	#Mid	QAM16	20.07	1	21.07	127.94	2000	PASS
Band41	5	39675	1	#Max	QAM16	20.47	1	21.47	140.28	2000	PASS
Band41	5	39675	12	#0	QAM16	19.39	1	20.39	109.40	2000	PASS
Band41	5	39675	12	#Max	QAM16	19.40	1	20.40	109.65	2000	PASS
Band41	5	39675	25	#0	QAM16	19.41	1	20.41	109.90	2000	PASS
Band41	5	40620	1	#0	QPSK	21.42	1	22.42	174.58	2000	PASS
Band41	5	40620	1	#Mid	QPSK	21.61	1	22.61	182.39	2000	PASS
Band41	5	40620	1	#Max	QPSK	21.47	1	22.47	176.60	2000	PASS
Band41	5	40620	12	#0	QPSK	20.47	1	21.47	140.28	2000	PASS
Band41	5	40620	12	#Max	QPSK	20.57	1	21.57	143.55	2000	PASS
Band41	5	40620	25	#0	QPSK	20.50	1	21.50	141.25	2000	PASS
Band41	5	40620	1	#0	QAM16	20.56	1	21.56	143.22	2000	PASS
Band41	5	40620	1	#Mid	QAM16	20.74	1	21.74	149.28	2000	PASS
Band41	5	40620	1	#Max	QAM16	20.62	1	21.62	145.21	2000	PASS
Band41	5	40620	12	#0	QAM16	19.38	1	20.38	109.14	2000	PASS
Band41	5	40620	12	#Max	QAM16	19.46	1	20.46	111.17	2000	PASS

Band41	5	40620	25	#0	QAM16	19.47	1	20.47	111.43	2000	PASS
Band41	5	41565	1	#0	QPSK	21.28	1	22.28	169.04	2000	PASS
Band41	5	41565	1	#Mid	QPSK	21.48	1	22.48	177.01	2000	PASS
Band41	5	41565	1	#Max	QPSK	21.37	1	22.37	172.58	2000	PASS
Band41	5	41565	12	#0	QPSK	20.42	1	21.42	138.68	2000	PASS
Band41	5	41565	12	#Max	QPSK	20.52	1	21.52	141.91	2000	PASS
Band41	5	41565	25	#0	QPSK	20.46	1	21.46	139.96	2000	PASS
Band41	5	41565	1	#0	QAM16	20.56	1	21.56	143.22	2000	PASS
Band41	5	41565	1	#Mid	QAM16	20.52	1	21.52	141.91	2000	PASS
Band41	5	41565	1	#Max	QAM16	20.64	1	21.64	145.88	2000	PASS
Band41	5	41565	12	#0	QAM16	19.42	1	20.42	110.15	2000	PASS
Band41	5	41565	12	#Max	QAM16	19.50	1	20.50	112.20	2000	PASS
Band41	5	41565	25	#0	QAM16	19.47	1	20.47	111.43	2000	PASS
Band41	10	39700	1	#0	QPSK	19.44	1	20.44	110.66	2000	PASS
Band41	10	39700	1	#Mid	QPSK	19.93	1	20.93	123.88	2000	PASS
Band41	10	39700	1	#Max	QPSK	20.75	1	21.75	149.62	2000	PASS
Band41	10	39700	25	#0	QPSK	19.56	1	20.56	113.76	2000	PASS
Band41	10	39700	25	#Max	QPSK	20.29	1	21.29	134.59	2000	PASS
Band41	10	39700	50	#0	QPSK	19.91	1	20.91	123.31	2000	PASS
Band41	10	39700	1	#0	QAM16	19.71	1	20.71	117.76	2000	PASS
Band41	10	39700	1	#Mid	QAM16	20.29	1	21.29	134.59	2000	PASS
Band41	10	39700	1	#Max	QAM16	20.65	1	21.65	146.22	2000	PASS
Band41	10	39700	25	#0	QAM16	19.40	1	20.40	109.65	2000	PASS
Band41	10	39700	25	#Max	QAM16	19.46	1	20.46	111.17	2000	PASS
Band41	10	39700	50	#0	QAM16	19.34	1	20.34	108.14	2000	PASS
Band41	10	40620	1	#0	QPSK	21.52	1	22.52	178.65	2000	PASS
Band41	10	40620	1	#Mid	QPSK	21.75	1	22.75	188.36	2000	PASS
Band41	10	40620	1	#Max	QPSK	21.59	1	22.59	181.55	2000	PASS
Band41	10	40620	25	#0	QPSK	20.47	1	21.47	140.28	2000	PASS
Band41	10	40620	25	#Max	QPSK	20.67	1	21.67	146.89	2000	PASS
Band41	10	40620	50	#0	QPSK	20.54	1	21.54	142.56	2000	PASS
Band41	10	40620	1	#0	QAM16	20.51	1	21.51	141.58	2000	PASS
Band41	10	40620	1	#Mid	QAM16	20.76	1	21.76	149.97	2000	PASS
Band41	10	40620	1	#Max	QAM16	20.59	1	21.59	144.21	2000	PASS
Band41	10	40620	25	#0	QAM16	19.46	1	20.46	111.17	2000	PASS
Band41	10	40620	25	#Max	QAM16	19.58	1	20.58	114.29	2000	PASS
Band41	10	40620	50	#0	QAM16	19.49	1	20.49	111.94	2000	PASS
Band41	10	41540	1	#0	QPSK	21.33	1	22.33	171.00	2000	PASS
Band41	10	41540	1	#Mid	QPSK	21.66	1	22.66	184.50	2000	PASS
Band41	10	41540	1	#Max	QPSK	21.54	1	22.54	179.47	2000	PASS
Band41	10	41540	25	#0	QPSK	20.33	1	21.33	135.83	2000	PASS
Band41	10	41540	25	#Max	QPSK	20.53	1	21.53	142.23	2000	PASS
Band41	10	41540	50	#0	QPSK	20.43	1	21.43	139.00	2000	PASS
Band41	10	41540	1	#0	QAM16	20.17	1	21.17	130.92	2000	PASS

Band41	10	41540	1	#Mid	QAM16	20.51	1	21.51	141.58	2000	PASS
Band41	10	41540	1	#Max	QAM16	20.39	1	21.39	137.72	2000	PASS
Band41	10	41540	25	#0	QAM16	19.30	1	20.30	107.15	2000	PASS
Band41	10	41540	25	#Max	QAM16	19.51	1	20.51	112.46	2000	PASS
Band41	10	41540	50	#0	QAM16	19.42	1	20.42	110.15	2000	PASS
Band41	15	39725	1	#0	QPSK	19.41	1	20.41	109.90	2000	PASS
Band41	15	39725	1	#Mid	QPSK	20.16	1	21.16	130.62	2000	PASS
Band41	15	39725	1	#Max	QPSK	21.09	1	22.09	161.81	2000	PASS
Band41	15	39725	36	#0	QPSK	19.71	1	20.71	117.76	2000	PASS
Band41	15	39725	36	#Max	QPSK	20.55	1	21.55	142.89	2000	PASS
Band41	15	39725	75	#0	QPSK	20.16	1	21.16	130.62	2000	PASS
Band41	15	39725	1	#0	QAM16	19.70	1	20.70	117.49	2000	PASS
Band41	15	39725	1	#Mid	QAM16	20.49	1	21.49	140.93	2000	PASS
Band41	15	39725	1	#Max	QAM16	20.58	1	21.58	143.88	2000	PASS
Band41	15	39725	36	#0	QAM16	19.36	1	20.36	108.64	2000	PASS
Band41	15	39725	36	#Max	QAM16	19.41	1	20.41	109.90	2000	PASS
Band41	15	39725	75	#0	QAM16	19.36	1	20.36	108.64	2000	PASS
Band41	15	40620	1	#0	QPSK	21.41	1	22.41	174.18	2000	PASS
Band41	15	40620	1	#Mid	QPSK	21.53	1	22.53	179.06	2000	PASS
Band41	15	40620	1	#Max	QPSK	21.49	1	22.49	177.42	2000	PASS
Band41	15	40620	36	#0	QPSK	20.51	1	21.51	141.58	2000	PASS
Band41	15	40620	36	#Max	QPSK	20.72	1	21.72	148.59	2000	PASS
Band41	15	40620	75	#0	QPSK	20.62	1	21.62	145.21	2000	PASS
Band41	15	40620	1	#0	QAM16	20.42	1	21.42	138.68	2000	PASS
Band41	15	40620	1	#Mid	QAM16	20.55	1	21.55	142.89	2000	PASS
Band41	15	40620	1	#Max	QAM16	20.49	1	21.49	140.93	2000	PASS
Band41	15	40620	36	#0	QAM16	19.46	1	20.46	111.17	2000	PASS
Band41	15	40620	36	#Max	QAM16	19.62	1	20.62	115.35	2000	PASS
Band41	15	40620	75	#0	QAM16	19.52	1	20.52	112.72	2000	PASS
Band41	15	41515	1	#0	QPSK	21.21	1	22.21	166.34	2000	PASS
Band41	15	41515	1	#Mid	QPSK	21.48	1	22.48	177.01	2000	PASS
Band41	15	41515	1	#Max	QPSK	21.55	1	22.55	179.89	2000	PASS
Band41	15	41515	36	#0	QPSK	20.33	1	21.33	135.83	2000	PASS
Band41	15	41515	36	#Max	QPSK	20.58	1	21.58	143.88	2000	PASS
Band41	15	41515	75	#0	QPSK	20.45	1	21.45	139.64	2000	PASS
Band41	15	41515	1	#0	QAM16	20.12	1	21.12	129.42	2000	PASS
Band41	15	41515	1	#Mid	QAM16	20.40	1	21.40	138.04	2000	PASS
Band41	15	41515	1	#Max	QAM16	20.45	1	21.45	139.64	2000	PASS
Band41	15	41515	36	#0	QAM16	19.22	1	20.22	105.20	2000	PASS
Band41	15	41515	36	#Max	QAM16	19.48	1	20.48	111.69	2000	PASS
Band41	15	41515	75	#0	QAM16	19.39	1	20.39	109.40	2000	PASS
Band41	20	39750	1	#0	QPSK	19.36	1	20.36	108.64	2000	PASS
Band41	20	39750	1	#Mid	QPSK	20.36	1	21.36	136.77	2000	PASS
Band41	20	39750	1	#Max	QPSK	21.04	1	22.04	159.96	2000	PASS

Band41	20	39750	50	#0	QPSK	19.93	1	20.93	123.88	2000	PASS
Band41	20	39750	50	#Max	QPSK	20.39	1	21.39	137.72	2000	PASS
Band41	20	39750	100	#0	QPSK	20.26	1	21.26	133.66	2000	PASS
Band41	20	39750	1	#0	QAM16	19.49	1	20.49	111.94	2000	PASS
Band41	20	39750	1	#Mid	QAM16	20.58	1	21.58	143.88	2000	PASS
Band41	20	39750	1	#Max	QAM16	20.31	1	21.31	135.21	2000	PASS
Band41	20	39750	50	#0	QAM16	19.13	1	20.13	103.04	2000	PASS
Band41	20	39750	50	#Max	QAM16	19.30	1	20.30	107.15	2000	PASS
Band41	20	39750	100	#0	QAM16	19.23	1	20.23	105.44	2000	PASS
Band41	20	40620	1	#0	QPSK	21.28	1	22.28	169.04	2000	PASS
Band41	20	40620	1	#Mid	QPSK	21.70	1	22.70	186.21	2000	PASS
Band41	20	40620	1	#Max	QPSK	21.42	1	22.42	174.58	2000	PASS
Band41	20	40620	50	#0	QPSK	20.38	1	21.38	137.40	2000	PASS
Band41	20	40620	50	#Max	QPSK	20.65	1	21.65	146.22	2000	PASS
Band41	20	40620	100	#0	QPSK	20.52	1	21.52	141.91	2000	PASS
Band41	20	40620	1	#0	QAM16	20.24	1	21.24	133.05	2000	PASS
Band41	20	40620	1	#Mid	QAM16	20.60	1	21.60	144.54	2000	PASS
Band41	20	40620	1	#Max	QAM16	20.34	1	21.34	136.14	2000	PASS
Band41	20	40620	50	#0	QAM16	19.34	1	20.34	108.14	2000	PASS
Band41	20	40620	50	#Max	QAM16	19.61	1	20.61	115.08	2000	PASS
Band41	20	40620	100	#0	QAM16	19.50	1	20.50	112.20	2000	PASS
Band41	20	41490	1	#0	QPSK	20.89	1	21.89	154.53	2000	PASS
Band41	20	41490	1	#Mid	QPSK	21.51	1	22.51	178.24	2000	PASS
Band41	20	41490	1	#Max	QPSK	21.35	1	22.35	171.79	2000	PASS
Band41	20	41490	50	#0	QPSK	20.08	1	21.08	128.23	2000	PASS
Band41	20	41490	50	#Max	QPSK	20.48	1	21.48	140.60	2000	PASS
Band41	20	41490	100	#0	QPSK	20.27	1	21.27	133.97	2000	PASS
Band41	20	41490	1	#0	QAM16	19.49	1	20.49	111.94	2000	PASS
Band41	20	41490	1	#Mid	QAM16	20.10	1	21.10	128.82	2000	PASS
Band41	20	41490	1	#Max	QAM16	19.97	1	20.97	125.03	2000	PASS
Band41	20	41490	50	#0	QAM16	19.10	1	20.10	102.33	2000	PASS
Band41	20	41490	50	#Max	QAM16	19.46	1	20.46	111.17	2000	PASS
Band41	20	41490	100	#0	QAM16	19.28	1	20.28	106.66	2000	PASS

2 Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (℃)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
Band38	20	37850	100	#0	QPSK	VL	NT	-9.59	-0.004	±2.5	PASS
Band38	20	37850	100	#0	QPSK	VN	NT	-10.84	-0.004	±2.5	PASS
Band38	20	37850	100	#0	QPSK	VH	NT	-8.78	-0.003	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	50	-7.61	-0.003	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	40	-10.22	-0.004	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	30	-9.69	-0.004	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	20	-5.36	-0.002	±2.5	PASS

Band38	20	37850	100	#0	QPSK	NV	10	-12.63	-0.005	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	0	-7.41	-0.003	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	-10	-9.38	-0.004	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	-20	-7.69	-0.003	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	-30	-11.78	-0.005	±2.5	PASS
Band38	20	37850	100	#0	QAM16	VL	NT	-7.89	-0.003	±2.5	PASS
Band38	20	37850	100	#0	QAM16	VN	NT	-8.22	-0.003	±2.5	PASS
Band38	20	37850	100	#0	QAM16	VH	NT	-9.34	-0.004	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	50	-8.29	-0.003	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	40	-6.75	-0.003	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	30	-9.48	-0.004	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	20	-5.76	-0.002	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	10	-9.51	-0.004	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	0	-11.63	-0.005	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	-10	-5.60	-0.002	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	-20	-11.95	-0.005	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	-30	-6.63	-0.003	±2.5	PASS
Band38	20	38000	100	#0	QPSK	VL	NT	-4.29	-0.002	±2.5	PASS
Band38	20	38000	100	#0	QPSK	VN	NT	-2.56	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QPSK	VH	NT	-3.04	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	50	-1.31	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	40	-2.60	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	30	-5.32	-0.002	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	20	-2.61	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	10	-2.86	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	0	-4.57	-0.002	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	-10	-3.56	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	-20	-1.58	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	-30	-3.70	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QAM16	VL	NT	-2.96	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QAM16	VN	NT	-2.90	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QAM16	VH	NT	-4.59	-0.002	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	50	-1.70	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	40	-3.40	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	30	-4.94	-0.002	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	20	-3.31	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	10	-3.93	-0.002	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	0	-2.03	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	-10	-3.70	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	-20	-7.45	-0.003	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	-30	-2.14	-0.001	±2.5	PASS
Band38	20	38150	100	#0	QPSK	VL	NT	-5.26	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QPSK	VN	NT	-7.73	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QPSK	VH	NT	-10.47	-0.004	±2.5	PASS

Band38	20	38150	100	#0	QPSK	NV	50	-9.45	-0.004	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	40	-9.98	-0.004	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	30	-8.09	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	20	-10.45	-0.004	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	10	-6.17	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	0	-12.60	-0.005	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	-10	-7.75	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	-20	-9.26	-0.004	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	-30	-10.12	-0.004	±2.5	PASS
Band38	20	38150	100	#0	QAM16	VL	NT	-7.38	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QAM16	VN	NT	-10.65	-0.004	±2.5	PASS
Band38	20	38150	100	#0	QAM16	VH	NT	-9.55	-0.004	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	50	-8.81	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	40	-11.31	-0.004	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	30	-10.32	-0.004	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	20	-6.80	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	10	-5.56	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	0	-5.55	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	-10	-10.12	-0.004	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	-20	-6.55	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	-30	-8.46	-0.003	±2.5	PASS
Band4	20	20050	100	#0	QPSK	VL	NT	-6.39	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QPSK	VN	NT	-5.85	-0.003	±2.5	PASS
Band4	20	20050	100	#0	QPSK	VH	NT	-5.06	-0.003	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	50	-5.72	-0.003	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	40	-7.43	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	30	-5.50	-0.003	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	20	-6.79	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	10	-5.43	-0.003	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	0	-7.68	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	-10	-6.20	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	-20	-4.47	-0.003	±2.5	PASS
Band4	20	20050	100	#0	QPSK	NV	-30	-6.05	-0.004	±2.5	PASS
Band4	20	20050	100	#0	QAM16	VL	NT	-3.99	-0.002	±2.5	PASS
Band4	20	20050	100	#0	QAM16	VN	NT	-5.62	-0.003	±2.5	PASS
Band4	20	20050	100	#0	QAM16	VH	NT	-5.07	-0.003	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	50	-8.28	-0.005	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	40	-5.92	-0.003	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	30	-4.01	-0.002	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	20	-5.12	-0.003	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	10	-5.52	-0.003	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	0	-4.60	-0.003	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	-10	-5.50	-0.003	±2.5	PASS
Band4	20	20050	100	#0	QAM16	NV	-20	-4.49	-0.003	±2.5	PASS

Band4	20	20050	100	#0	QAM16	NV	-30	-6.09	-0.004	±2.5	PASS
Band4	20	20175	100	#0	QPSK	VL	NT	-4.57	-0.003	±2.5	PASS
Band4	20	20175	100	#0	QPSK	VN	NT	-6.23	-0.004	±2.5	PASS
Band4	20	20175	100	#0	QPSK	VH	NT	-3.33	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	50	-4.16	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	40	-6.07	-0.004	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	30	-3.60	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	20	-3.64	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	10	-0.65	0.000	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	0	-2.77	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	-10	-2.78	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	-20	-4.11	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QPSK	NV	-30	-3.77	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QAM16	VL	NT	-3.60	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QAM16	VN	NT	-3.08	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QAM16	VH	NT	-3.01	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	50	-3.84	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	40	-3.54	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	30	-4.04	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	20	-3.69	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	10	-1.50	-0.001	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	0	-5.20	-0.003	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	-10	-4.13	-0.002	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	-20	-2.30	-0.001	±2.5	PASS
Band4	20	20175	100	#0	QAM16	NV	-30	-5.14	-0.003	±2.5	PASS
Band4	20	20300	100	#0	QPSK	VL	NT	-5.69	-0.003	±2.5	PASS
Band4	20	20300	100	#0	QPSK	VN	NT	-4.00	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	VH	NT	-3.16	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	50	-6.27	-0.004	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	40	-4.57	-0.003	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	30	-5.04	-0.003	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	20	-4.86	-0.003	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	10	-2.86	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	0	-5.73	-0.003	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	-10	-4.92	-0.003	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	-20	-6.29	-0.004	±2.5	PASS
Band4	20	20300	100	#0	QPSK	NV	-30	-6.76	-0.004	±2.5	PASS
Band4	20	20300	100	#0	QAM16	VL	NT	-2.66	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	VN	NT	-6.00	-0.003	±2.5	PASS
Band4	20	20300	100	#0	QAM16	VH	NT	-4.83	-0.003	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	50	-4.62	-0.003	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	40	-1.81	-0.001	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	30	-5.36	-0.003	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	20	-4.94	-0.003	±2.5	PASS

Band4	20	20300	100	#0	QAM16	NV	10	-3.57	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	0	-4.86	-0.003	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	-10	-3.64	-0.002	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	-20	-7.85	-0.004	±2.5	PASS
Band4	20	20300	100	#0	QAM16	NV	-30	-3.53	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	VL	NT	-2.56	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	VN	NT	-4.20	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	VH	NT	-4.11	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	50	-3.94	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	40	-9.05	-0.004	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	30	-1.65	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	20	-4.94	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	10	-6.75	-0.003	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	0	-7.03	-0.003	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	-10	-1.80	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	-20	-1.64	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QPSK	NV	-30	-5.83	-0.003	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	VL	NT	-6.07	-0.003	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	VN	NT	-6.93	-0.003	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	VH	NT	-5.33	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	50	-7.48	-0.003	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	40	-7.15	-0.003	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	30	-5.76	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	20	-3.19	-0.001	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	10	-7.41	-0.003	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	0	-4.13	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	-10	-4.04	-0.002	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	-20	-9.75	-0.004	±2.5	PASS
Band40a	10	38750	50	#0	QAM16	NV	-30	-1.95	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	VL	NT	-1.81	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	VN	NT	-1.77	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	VH	NT	-2.96	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	50	-3.16	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	40	-2.26	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	30	-2.13	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	20	-4.00	-0.002	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	10	-2.98	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	0	-3.14	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	-10	-1.64	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	-20	-5.33	-0.002	±2.5	PASS
Band40b	10	39200	50	#0	QPSK	NV	-30	-1.41	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	VL	NT	-5.02	-0.002	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	VN	NT	-0.17	0.000	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	VH	NT	-0.74	0.000	±2.5	PASS

Band40b	10	39200	50	#0	QAM16	NV	50	-3.04	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	40	-7.33	-0.003	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	30	-1.31	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	20	-2.16	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	10	-5.00	-0.002	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	0	-0.04	0.000	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	-10	-2.00	-0.001	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	-20	-4.42	-0.002	±2.5	PASS
Band40b	10	39200	50	#0	QAM16	NV	-30	-5.97	-0.003	±2.5	PASS
Band41	20	39750	100	#0	QPSK	VL	NT	-5.79	-0.002	±2.5	PASS
Band41	20	39750	100	#0	QPSK	VN	NT	-7.58	-0.003	±2.5	PASS
Band41	20	39750	100	#0	QPSK	VH	NT	-8.15	-0.003	±2.5	PASS
Band41	20	39750	100	#0	QPSK	NV	50	-9.69	-0.004	±2.5	PASS
Band41	20	39750	100	#0	QPSK	NV	40	-9.61	-0.004	±2.5	PASS
Band41	20	39750	100	#0	QPSK	NV	30	-6.55	-0.003	±2.5	PASS
Band41	20	39750	100	#0	QPSK	NV	20	-6.35	-0.003	±2.5	PASS
Band41	20	39750	100	#0	QPSK	NV	10	-6.88	-0.003	±2.5	PASS
Band41	20	39750	100	#0	QPSK	NV	0	-10.94	-0.004	±2.5	PASS
Band41	20	39750	100	#0	QPSK	NV	-10	-9.39	-0.004	±2.5	PASS
Band41	20	39750	100	#0	QPSK	NV	-20	-7.82	-0.003	±2.5	PASS
Band41	20	39750	100	#0	QPSK	NV	-30	-11.94	-0.005	±2.5	PASS
Band41	20	39750	100	#0	QAM16	VL	NT	-8.56	-0.003	±2.5	PASS
Band41	20	39750	100	#0	QAM16	VN	NT	-11.11	-0.004	±2.5	PASS
Band41	20	39750	100	#0	QAM16	VH	NT	-8.55	-0.003	±2.5	PASS
Band41	20	39750	100	#0	QAM16	NV	50	-9.15	-0.004	±2.5	PASS
Band41	20	39750	100	#0	QAM16	NV	40	-10.27	-0.004	±2.5	PASS
Band41	20	39750	100	#0	QAM16	NV	30	-10.02	-0.004	±2.5	PASS
Band41	20	39750	100	#0	QAM16	NV	20	-9.22	-0.004	±2.5	PASS
Band41	20	39750	100	#0	QAM16	NV	10	-8.15	-0.003	±2.5	PASS
Band41	20	39750	100	#0	QAM16	NV	0	-8.99	-0.004	±2.5	PASS
Band41	20	39750	100	#0	QAM16	NV	-10	-9.59	-0.004	±2.5	PASS
Band41	20	39750	100	#0	QAM16	NV	-20	-8.33	-0.003	±2.5	PASS
Band41	20	39750	100	#0	QAM16	NV	-30	-9.09	-0.004	±2.5	PASS
Band41	20	40620	100	#0	QPSK	VL	NT	-8.18	-0.003	±2.5	PASS
Band41	20	40620	100	#0	QPSK	VN	NT	-6.45	-0.002	±2.5	PASS
Band41	20	40620	100	#0	QPSK	VH	NT	-6.13	-0.002	±2.5	PASS
Band41	20	40620	100	#0	QPSK	NV	50	-6.85	-0.003	±2.5	PASS
Band41	20	40620	100	#0	QPSK	NV	40	-7.79	-0.003	±2.5	PASS
Band41	20	40620	100	#0	QPSK	NV	30	-2.53	-0.001	±2.5	PASS
Band41	20	40620	100	#0	QPSK	NV	20	-6.68	-0.003	±2.5	PASS
Band41	20	40620	100	#0	QPSK	NV	10	-6.17	-0.002	±2.5	PASS
Band41	20	40620	100	#0	QPSK	NV	0	-3.63	-0.001	±2.5	PASS
Band41	20	40620	100	#0	QPSK	NV	-10	-5.13	-0.002	±2.5	PASS
Band41	20	40620	100	#0	QPSK	NV	-20	-6.10	-0.002	±2.5	PASS

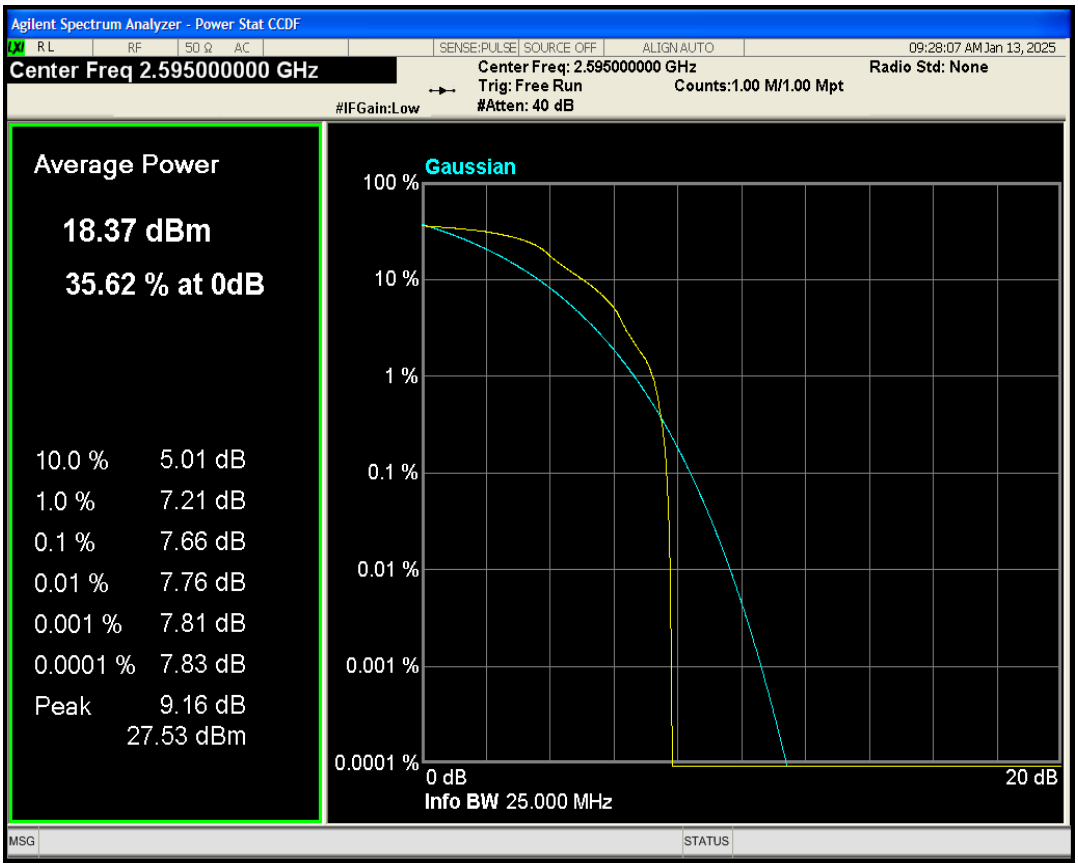
Band41	20	40620	100	#0	QPSK	NV	-30	-4.00	-0.002	±2.5	PASS
Band41	20	40620	100	#0	QAM16	VL	NT	-6.60	-0.003	±2.5	PASS
Band41	20	40620	100	#0	QAM16	VN	NT	-5.96	-0.002	±2.5	PASS
Band41	20	40620	100	#0	QAM16	VH	NT	-3.33	-0.001	±2.5	PASS
Band41	20	40620	100	#0	QAM16	NV	50	-4.44	-0.002	±2.5	PASS
Band41	20	40620	100	#0	QAM16	NV	40	-7.30	-0.003	±2.5	PASS
Band41	20	40620	100	#0	QAM16	NV	30	-3.76	-0.001	±2.5	PASS
Band41	20	40620	100	#0	QAM16	NV	20	-9.34	-0.004	±2.5	PASS
Band41	20	40620	100	#0	QAM16	NV	10	-3.66	-0.001	±2.5	PASS
Band41	20	40620	100	#0	QAM16	NV	0	-6.85	-0.003	±2.5	PASS
Band41	20	40620	100	#0	QAM16	NV	-10	-9.46	-0.004	±2.5	PASS
Band41	20	40620	100	#0	QAM16	NV	-20	-7.39	-0.003	±2.5	PASS
Band41	20	40620	100	#0	QAM16	NV	-30	-6.50	-0.003	±2.5	PASS
Band41	20	41490	100	#0	QPSK	VL	NT	-4.49	-0.002	±2.5	PASS
Band41	20	41490	100	#0	QPSK	VN	NT	-5.42	-0.002	±2.5	PASS
Band41	20	41490	100	#0	QPSK	VH	NT	-3.26	-0.001	±2.5	PASS
Band41	20	41490	100	#0	QPSK	NV	50	-3.20	-0.001	±2.5	PASS
Band41	20	41490	100	#0	QPSK	NV	40	-1.37	-0.001	±2.5	PASS
Band41	20	41490	100	#0	QPSK	NV	30	-5.26	-0.002	±2.5	PASS
Band41	20	41490	100	#0	QPSK	NV	20	-4.69	-0.002	±2.5	PASS
Band41	20	41490	100	#0	QPSK	NV	10	-6.00	-0.002	±2.5	PASS
Band41	20	41490	100	#0	QPSK	NV	0	-4.77	-0.002	±2.5	PASS
Band41	20	41490	100	#0	QPSK	NV	-10	-2.23	-0.001	±2.5	PASS
Band41	20	41490	100	#0	QPSK	NV	-20	-3.87	-0.001	±2.5	PASS
Band41	20	41490	100	#0	QPSK	NV	-30	-6.70	-0.003	±2.5	PASS
Band41	20	41490	100	#0	QAM16	VL	NT	-3.79	-0.001	±2.5	PASS
Band41	20	41490	100	#0	QAM16	VN	NT	-4.73	-0.002	±2.5	PASS
Band41	20	41490	100	#0	QAM16	VH	NT	-5.53	-0.002	±2.5	PASS
Band41	20	41490	100	#0	QAM16	NV	50	-3.94	-0.001	±2.5	PASS
Band41	20	41490	100	#0	QAM16	NV	40	-1.71	-0.001	±2.5	PASS
Band41	20	41490	100	#0	QAM16	NV	30	-2.51	-0.001	±2.5	PASS
Band41	20	41490	100	#0	QAM16	NV	20	-4.07	-0.002	±2.5	PASS
Band41	20	41490	100	#0	QAM16	NV	10	-6.05	-0.002	±2.5	PASS
Band41	20	41490	100	#0	QAM16	NV	0	-3.40	-0.001	±2.5	PASS
Band41	20	41490	100	#0	QAM16	NV	-10	-3.61	-0.001	±2.5	PASS
Band41	20	41490	100	#0	QAM16	NV	-20	-2.50	-0.001	±2.5	PASS
Band41	20	41490	100	#0	QAM16	NV	-30	-3.16	-0.001	±2.5	PASS

3 Peak-to-Average Ratio

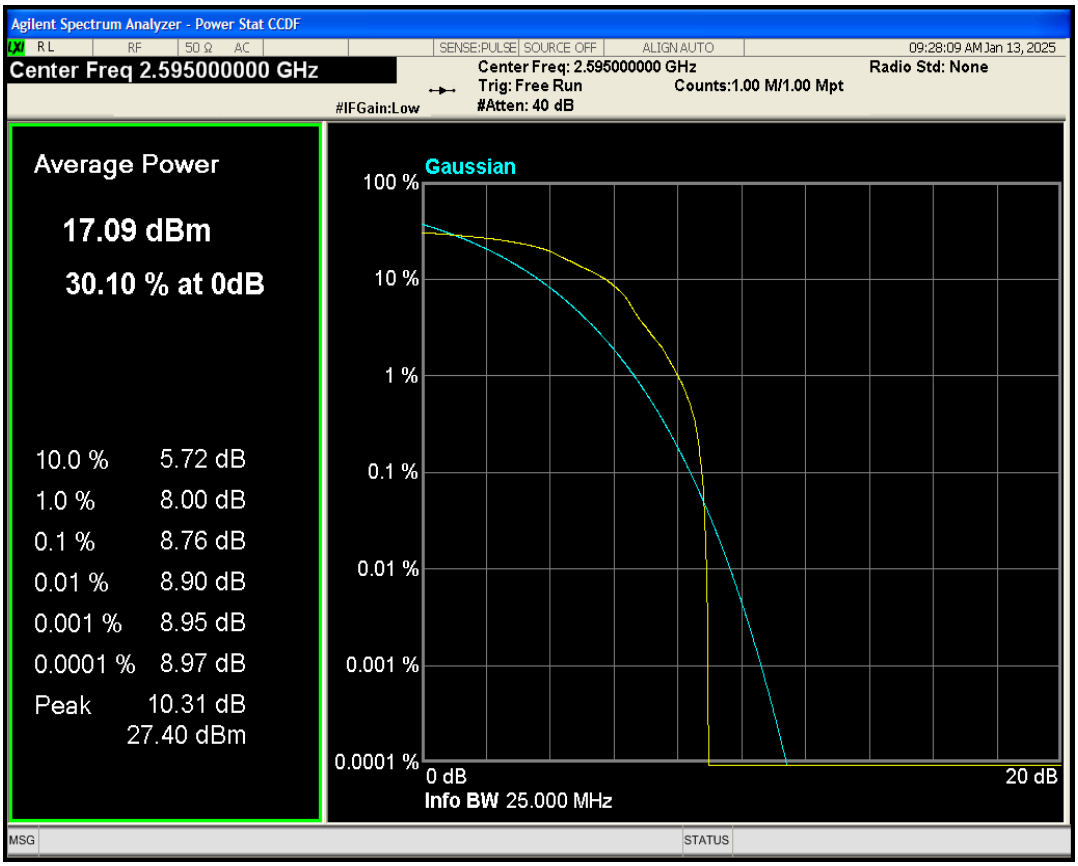
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band38	5	38000	1	#0	QPSK	7.66	13	PASS
Band38	5	38000	1	#0	QAM16	8.76	13	PASS
Band38	10	38000	1	#0	QPSK	8.50	13	PASS
Band38	10	38000	1	#0	QAM16	8.77	13	PASS

Band38	15	38000	1	#0	QPSK	7.81	13	PASS
Band38	15	38000	1	#0	QAM16	8.95	13	PASS
Band38	20	38000	1	#0	QPSK	7.47	13	PASS
Band38	20	38000	1	#0	QAM16	7.91	13	PASS
Band4	1.4	20175	1	#0	QPSK	5.21	13	PASS
Band4	1.4	20175	1	#0	QAM16	5.96	13	PASS
Band4	3	20175	1	#0	QPSK	5.06	13	PASS
Band4	3	20175	1	#0	QAM16	5.80	13	PASS
Band4	5	20175	1	#0	QPSK	5.24	13	PASS
Band4	5	20175	1	#0	QAM16	5.72	13	PASS
Band4	10	20175	1	#0	QPSK	4.92	13	PASS
Band4	10	20175	1	#0	QAM16	5.78	13	PASS
Band4	15	20175	1	#0	QPSK	4.89	13	PASS
Band4	15	20175	1	#0	QAM16	5.82	13	PASS
Band4	20	20175	1	#0	QPSK	4.88	13	PASS
Band4	20	20175	1	#0	QAM16	5.40	13	PASS
Band40a	5	38750	1	#0	QPSK	11.37	13	PASS
Band40a	5	38750	1	#0	QAM16	10.05	13	PASS
Band40a	10	38750	1	#0	QPSK	9.09	13	PASS
Band40a	10	38750	1	#0	QAM16	10.39	13	PASS
Band40b	5	39200	1	#0	QPSK	9.34	13	PASS
Band40b	5	39200	1	#0	QAM16	12.48	13	PASS
Band40b	10	39200	1	#0	QPSK	9.18	13	PASS
Band40b	10	39200	1	#0	QAM16	9.61	13	PASS
Band41	5	40620	1	#0	QPSK	7.60	13	PASS
Band41	5	40620	1	#0	QAM16	9.15	13	PASS
Band41	10	40620	1	#0	QPSK	8.66	13	PASS
Band41	10	40620	1	#0	QAM16	8.66	13	PASS
Band41	15	40620	1	#0	QPSK	8.39	13	PASS
Band41	15	40620	1	#0	QAM16	8.57	13	PASS
Band41	20	40620	1	#0	QPSK	8.70	13	PASS
Band41	20	40620	1	#0	QAM16	9.15	13	PASS

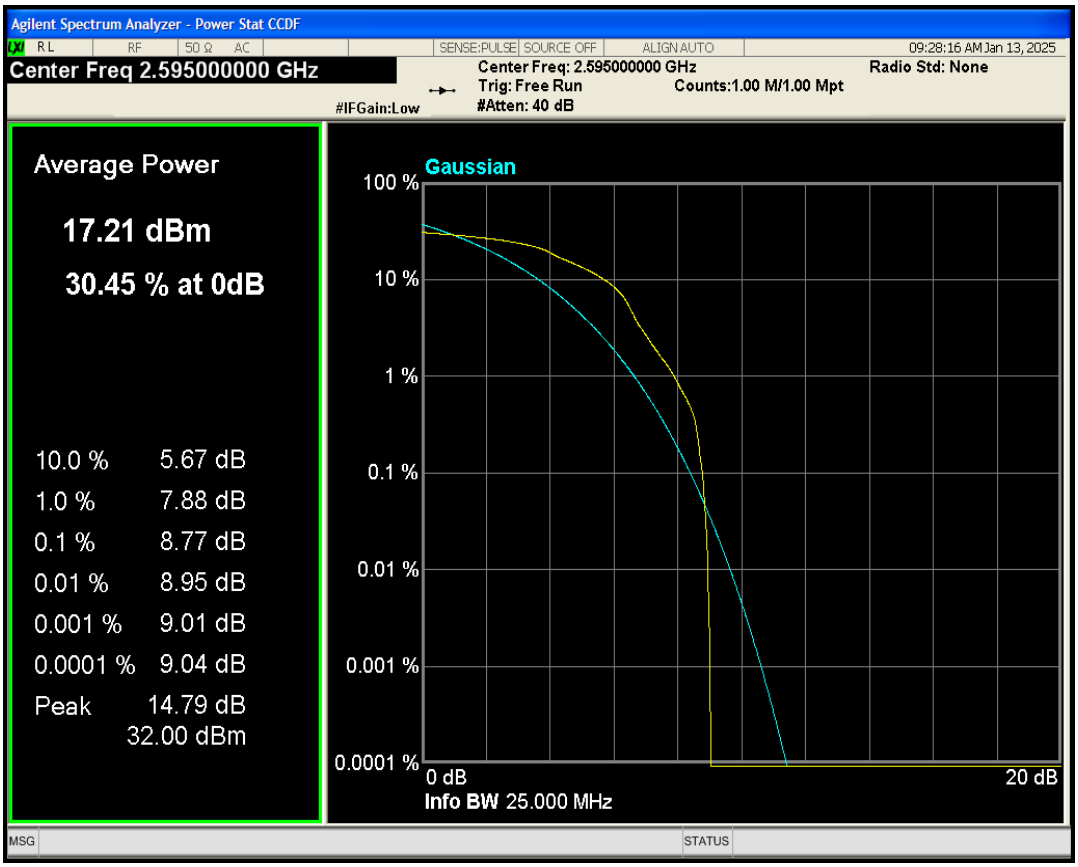
Band38 QPSK BW=5MHz Channel=38000 RB Size=1 Position=#0



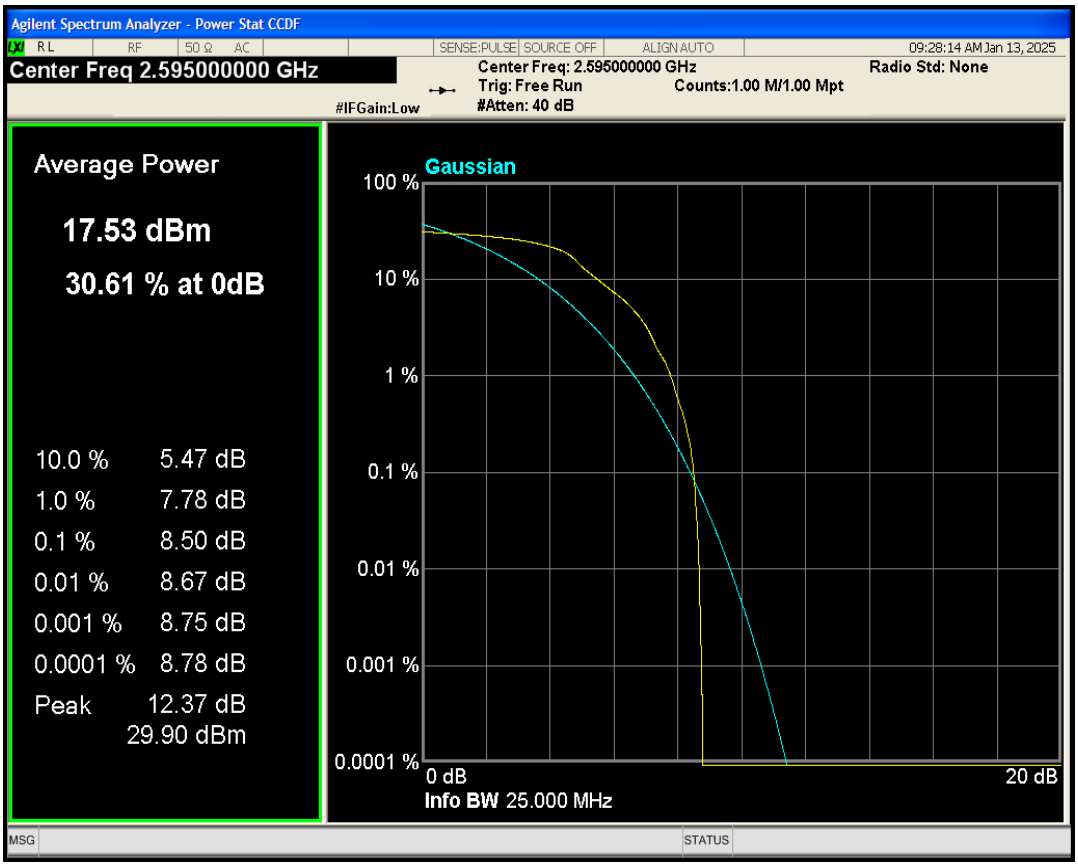
Band38 QAM16 BW=5MHz Channel=38000 RB Size=1 Position=#0



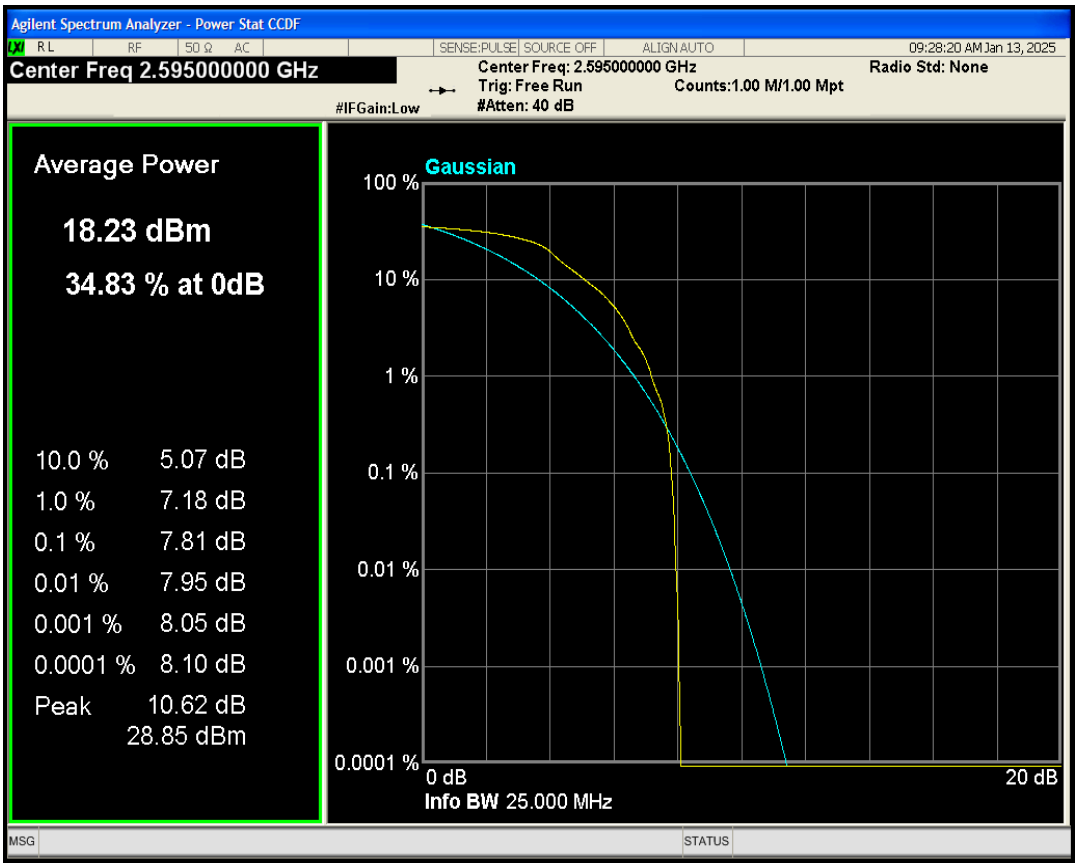
Band38 QAM16 BW=10MHz Channel=38000 RB Size=1 Position=#0



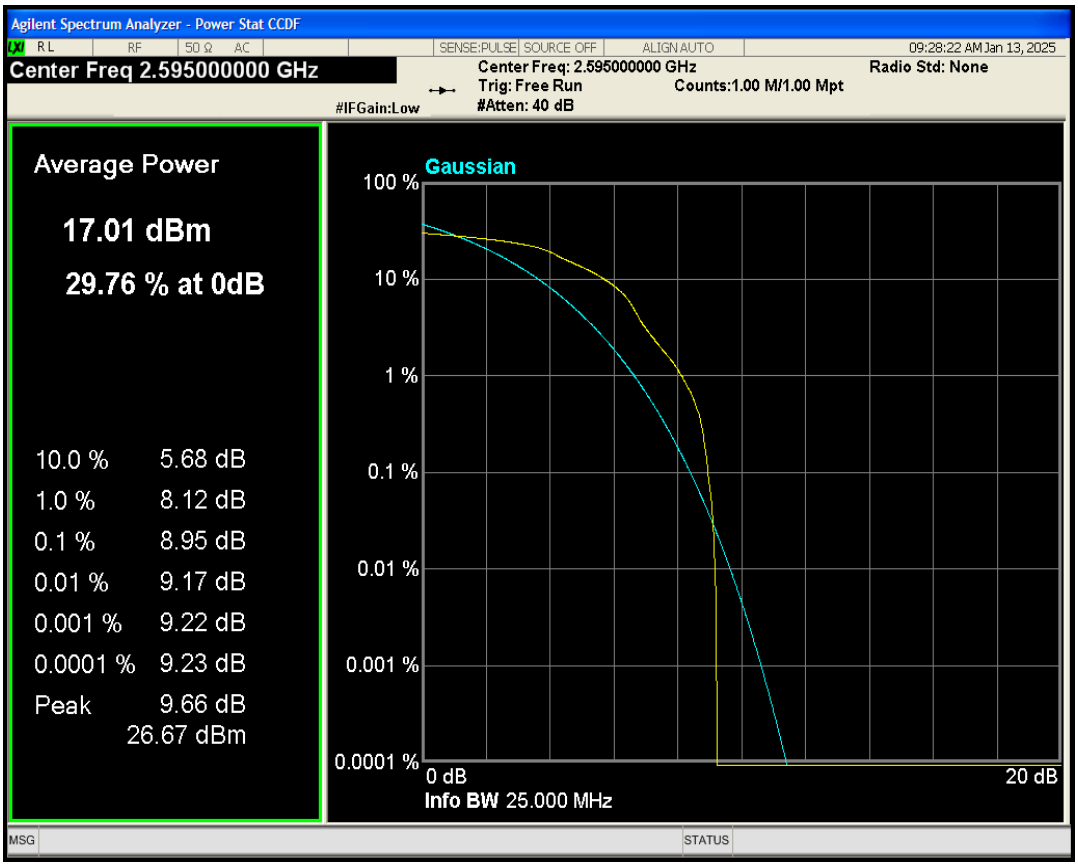
Band38 QPSK BW=10MHz Channel=38000 RB Size=1 Position=#0



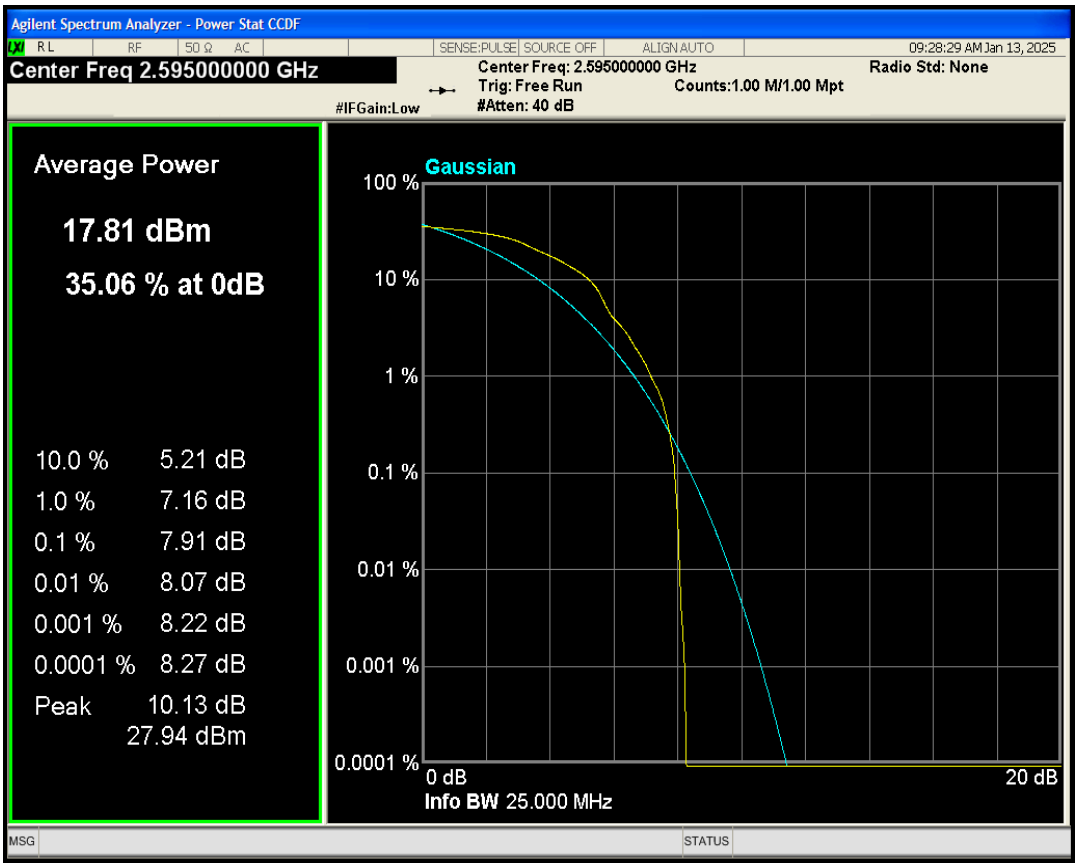
Band38 QPSK BW=15MHz Channel=38000 RB Size=1 Position=#0



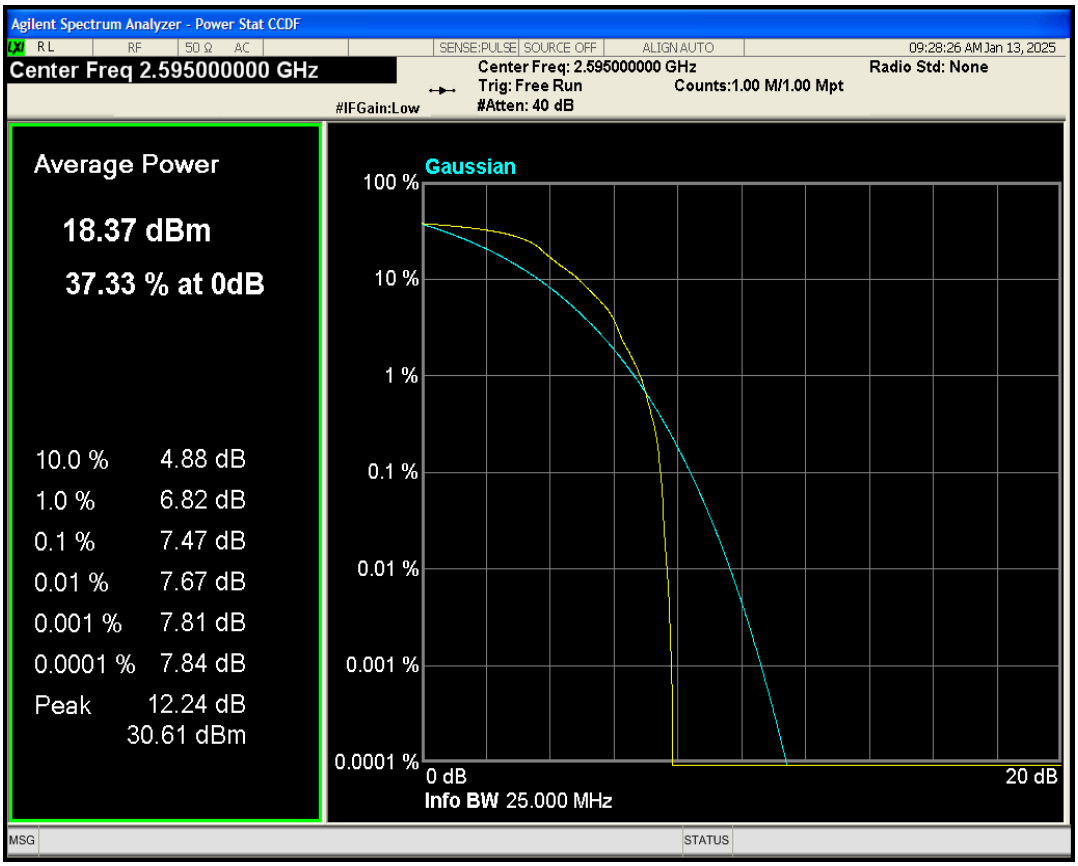
Band38 QAM16 BW=15MHz Channel=38000 RB Size=1 Position=#0



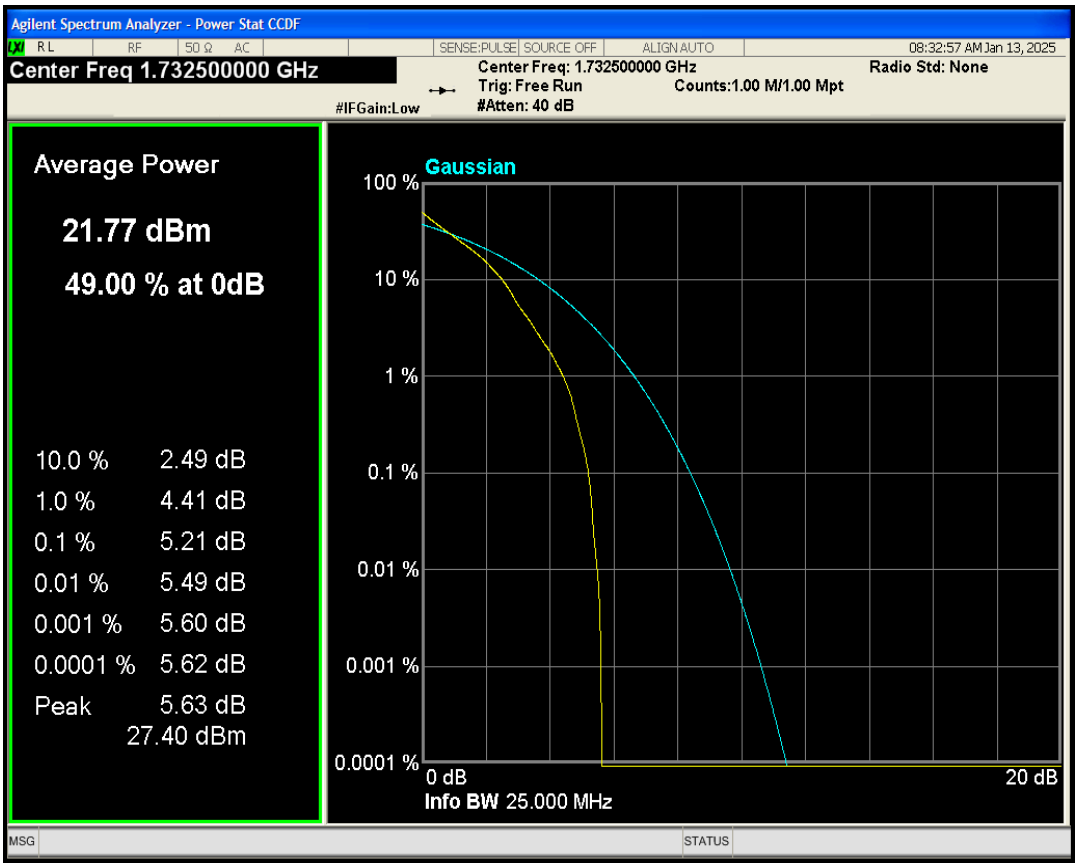
Band38 QAM16 BW=20MHz Channel=38000 RB Size=1 Position=#0



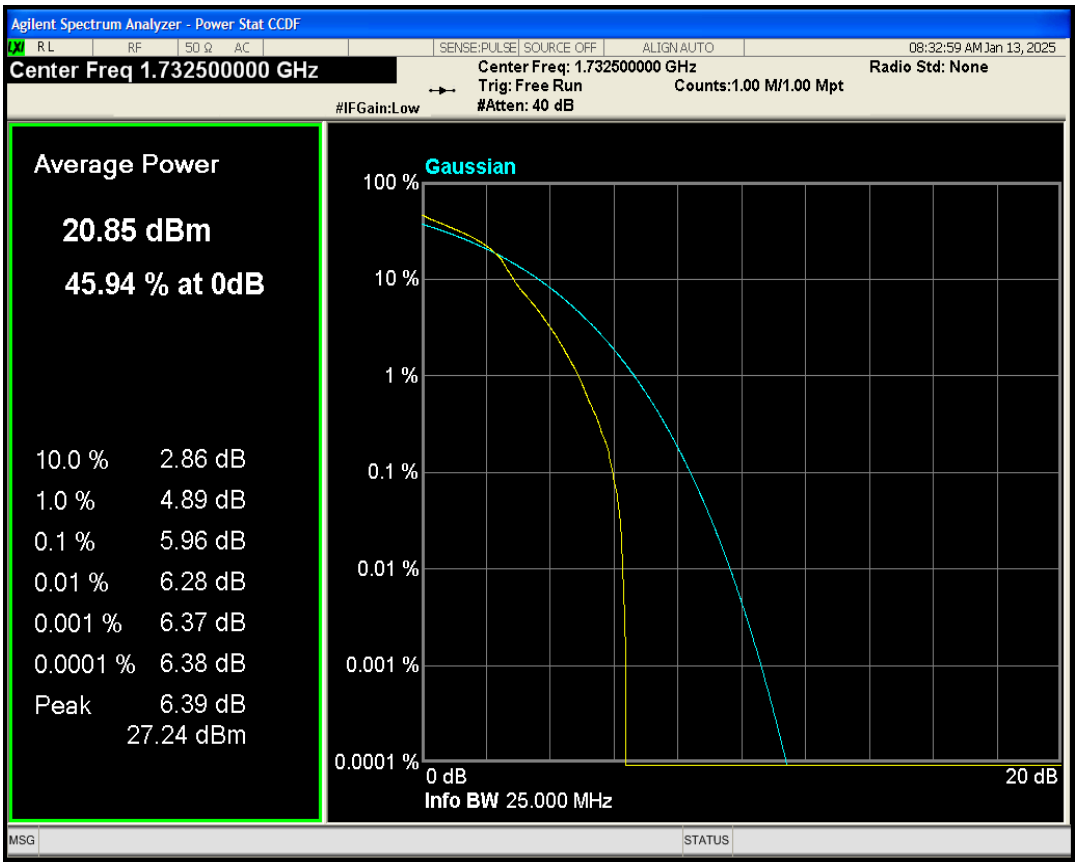
Band38 QPSK BW=20MHz Channel=38000 RB Size=1 Position=#0



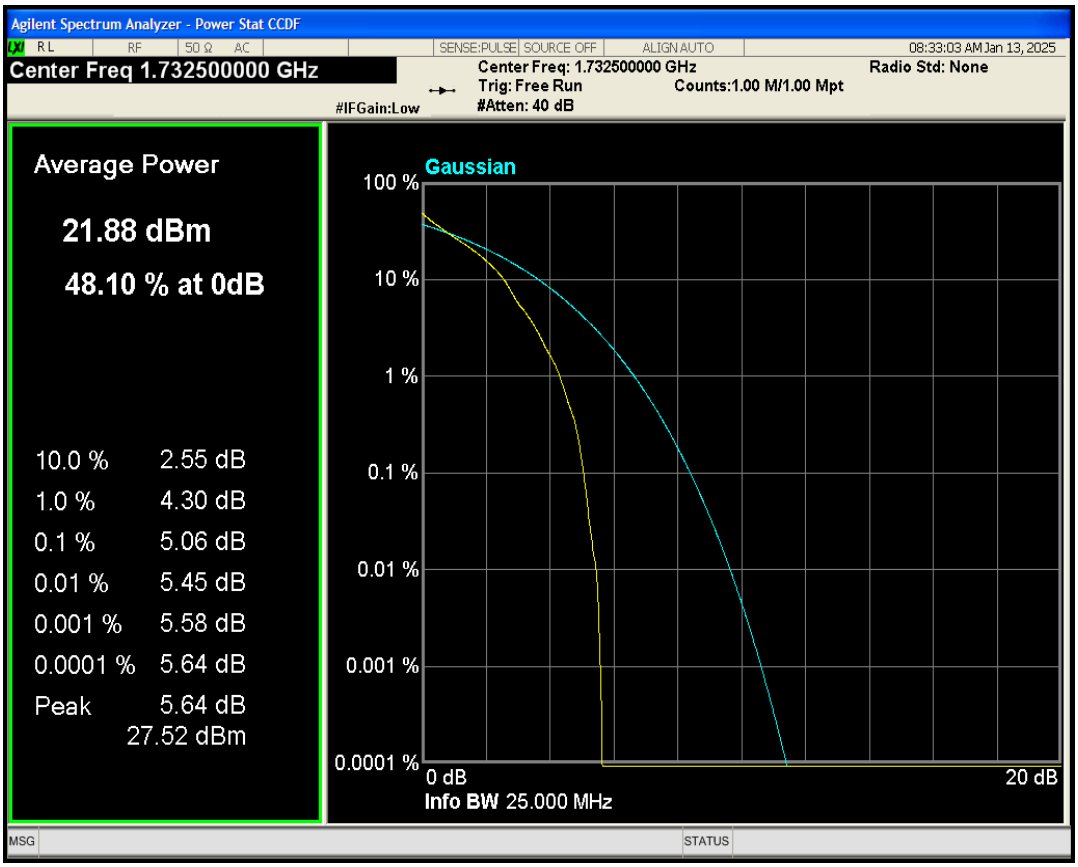
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



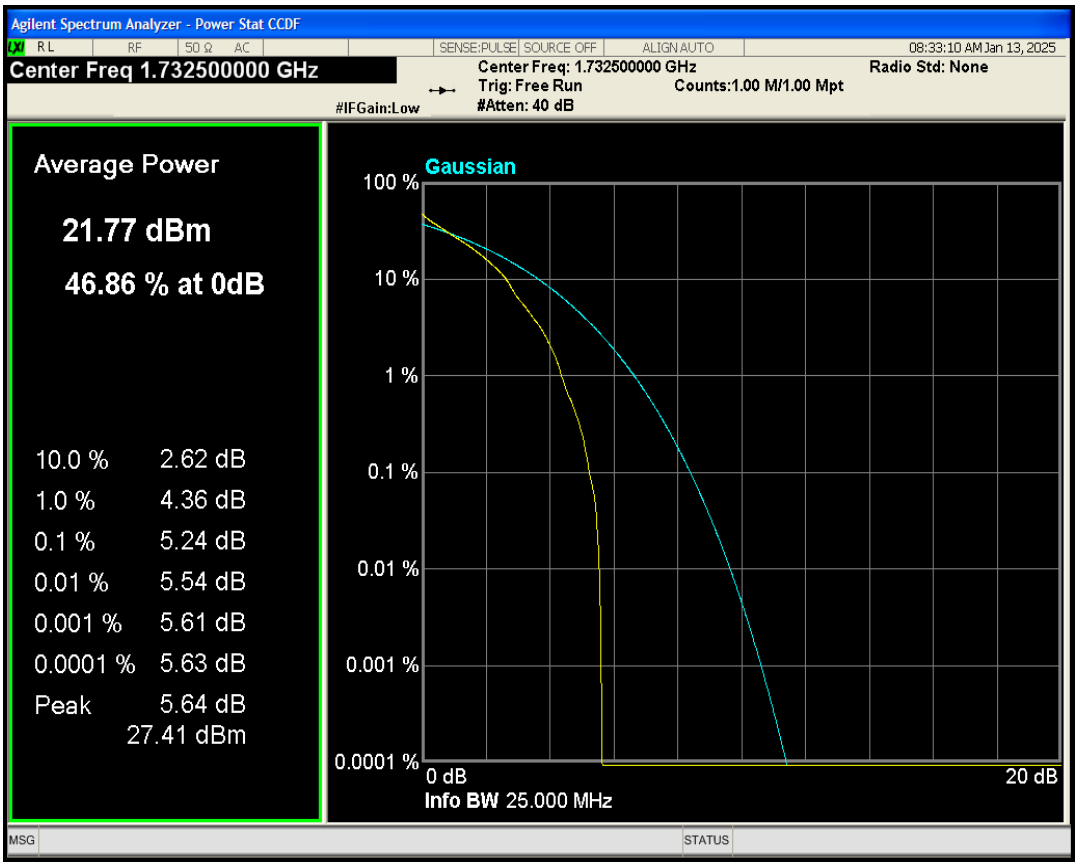
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0



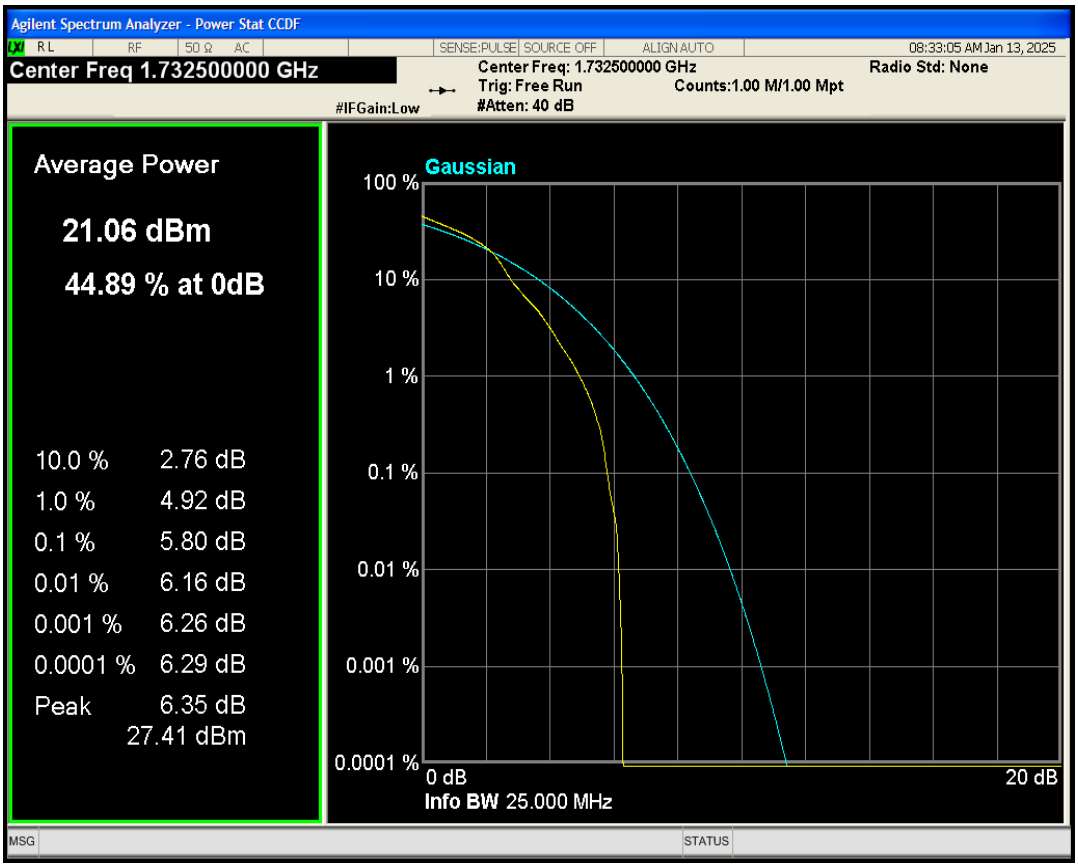
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



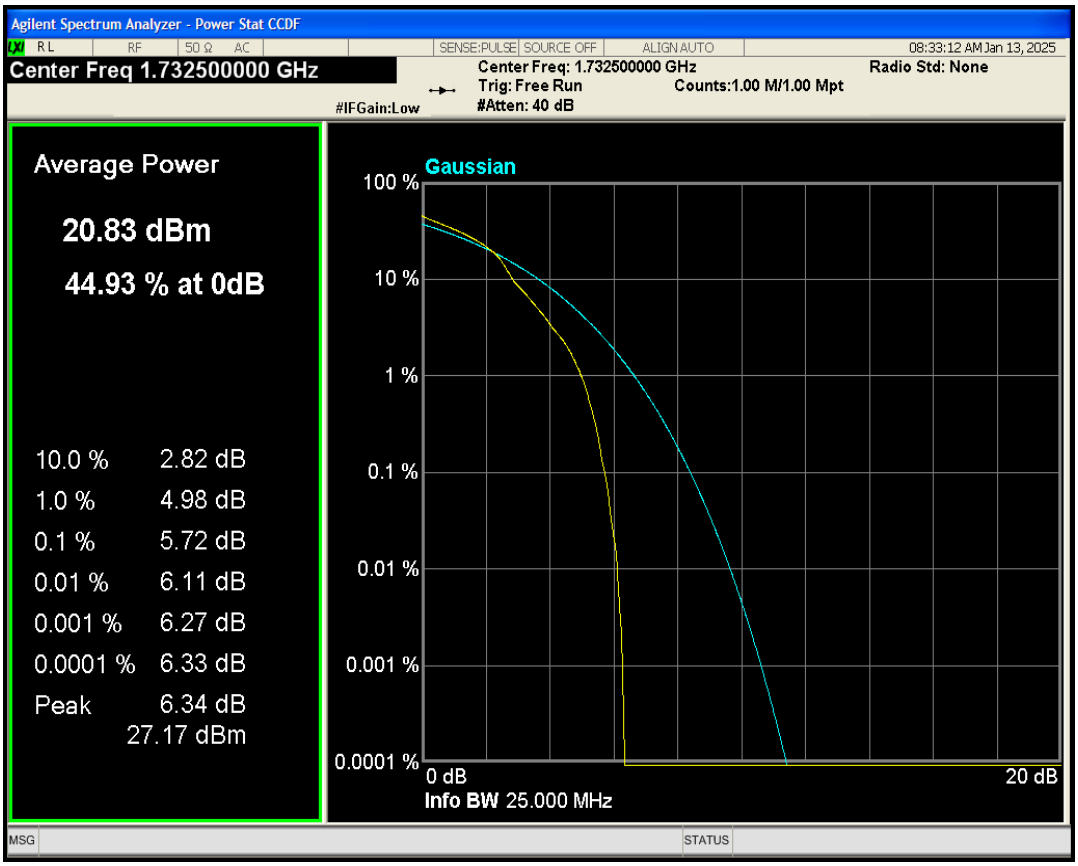
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



Band4 QAM16 BW=3MHz Channel=20175 RB Size=1 Position=#0



Band4 QAM16 BW=5MHz Channel=20175 RB Size=1 Position=#0



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