

Appendix-LTE Band 4

Conducted Test Data

Conducted Output Power and EIRP

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBi)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band4	1.4	19957	1	#0	QAM16	22.40	2.54	24.94	30	PASS
Band4	1.4	19957	1	#Mid	QAM16	22.55	2.54	25.09	30	PASS
Band4	1.4	19957	1	#Max	QAM16	22.38	2.54	24.92	30	PASS
Band4	1.4	19957	3	#0	QAM16	22.48	2.54	25.02	30	PASS
Band4	1.4	19957	3	#Mid	QAM16	22.48	2.54	25.02	30	PASS
Band4	1.4	19957	3	#Max	QAM16	22.51	2.54	25.05	30	PASS
Band4	1.4	19957	6	#0	QAM16	21.44	2.54	23.98	30	PASS
Band4	1.4	20175	1	#0	QAM16	22.07	2.54	24.61	30	PASS
Band4	1.4	20175	1	#Mid	QAM16	22.20	2.54	24.74	30	PASS
Band4	1.4	20175	1	#Max	QAM16	22.05	2.54	24.59	30	PASS
Band4	1.4	20175	3	#0	QAM16	22.37	2.54	24.91	30	PASS
Band4	1.4	20175	3	#Mid	QAM16	22.39	2.54	24.93	30	PASS
Band4	1.4	20175	3	#Max	QAM16	22.39	2.54	24.93	30	PASS
Band4	1.4	20175	6	#0	QAM16	21.44	2.54	23.98	30	PASS
Band4	1.4	20393	1	#0	QAM16	22.27	2.54	24.81	30	PASS
Band4	1.4	20393	1	#Mid	QAM16	22.33	2.54	24.87	30	PASS
Band4	1.4	20393	1	#Max	QAM16	22.27	2.54	24.81	30	PASS
Band4	1.4	20393	3	#0	QAM16	22.22	2.54	24.76	30	PASS
Band4	1.4	20393	3	#Mid	QAM16	22.34	2.54	24.88	30	PASS
Band4	1.4	20393	3	#Max	QAM16	22.27	2.54	24.81	30	PASS
Band4	1.4	20393	6	#0	QAM16	21.35	2.54	23.89	30	PASS
Band4	3	19965	1	#0	QAM16	22.44	2.54	24.98	30	PASS
Band4	3	19965	1	#Mid	QAM16	22.80	2.54	25.34	30	PASS
Band4	3	19965	1	#Max	QAM16	22.38	2.54	24.92	30	PASS
Band4	3	19965	8	#0	QAM16	21.30	2.54	23.84	30	PASS
Band4	3	19965	8	#Mid	QAM16	21.34	2.54	23.88	30	PASS
Band4	3	19965	8	#Max	QAM16	21.28	2.54	23.82	30	PASS
Band4	3	19965	15	#0	QAM16	21.18	2.54	23.72	30	PASS
Band4	3	20175	1	#0	QAM16	22.13	2.54	24.67	30	PASS
Band4	3	20175	1	#Mid	QAM16	22.50	2.54	25.04	30	PASS
Band4	3	20175	1	#Max	QAM16	22.01	2.54	24.55	30	PASS
Band4	3	20175	8	#0	QAM16	21.23	2.54	23.77	30	PASS
Band4	3	20175	8	#Mid	QAM16	21.25	2.54	23.79	30	PASS
Band4	3	20175	8	#Max	QAM16	21.19	2.54	23.73	30	PASS

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BTF Testing Lab (Shenzhen) Co., Ltd.

101/201/301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Subdistrict, Bao'an District, Shenzhen, China

Email: info@btf-lab.com

Tel: +86-755-23146130

<http://www.btf-lab.com>

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Band4	3	20175	15	#0	QAM16	21.29	2.54	23.83	30	PASS
Band4	3	20385	1	#0	QAM16	22.48	2.54	25.02	30	PASS
Band4	3	20385	1	#Mid	QAM16	22.97	2.54	25.51	30	PASS
Band4	3	20385	1	#Max	QAM16	22.47	2.54	25.01	30	PASS
Band4	3	20385	8	#0	QAM16	21.16	2.54	23.70	30	PASS
Band4	3	20385	8	#Mid	QAM16	21.12	2.54	23.66	30	PASS
Band4	3	20385	8	#Max	QAM16	21.16	2.54	23.70	30	PASS
Band4	3	20385	15	#0	QAM16	21.04	2.54	23.58	30	PASS
Band4	5	19975	1	#0	QAM16	22.29	2.54	24.83	30	PASS
Band4	5	19975	1	#Mid	QAM16	22.69	2.54	25.23	30	PASS
Band4	5	19975	1	#Max	QAM16	22.21	2.54	24.75	30	PASS
Band4	5	19975	12	#0	QAM16	20.75	2.54	23.29	30	PASS
Band4	5	19975	12	#Mid	QAM16	20.81	2.54	23.35	30	PASS
Band4	5	19975	12	#Max	QAM16	20.76	2.54	23.30	30	PASS
Band4	5	19975	25	#0	QAM16	20.74	2.54	23.28	30	PASS
Band4	5	20175	1	#0	QAM16	22.23	2.54	24.77	30	PASS
Band4	5	20175	1	#Mid	QAM16	22.71	2.54	25.25	30	PASS
Band4	5	20175	1	#Max	QAM16	22.22	2.54	24.76	30	PASS
Band4	5	20175	12	#0	QAM16	21.00	2.54	23.54	30	PASS
Band4	5	20175	12	#Mid	QAM16	21.08	2.54	23.62	30	PASS
Band4	5	20175	12	#Max	QAM16	21.01	2.54	23.55	30	PASS
Band4	5	20175	25	#0	QAM16	21.21	2.54	23.75	30	PASS
Band4	5	20375	1	#0	QAM16	22.05	2.54	24.59	30	PASS
Band4	5	20375	1	#Mid	QAM16	22.31	2.54	24.85	30	PASS
Band4	5	20375	1	#Max	QAM16	21.90	2.54	24.44	30	PASS
Band4	5	20375	12	#0	QAM16	20.95	2.54	23.49	30	PASS
Band4	5	20375	12	#Mid	QAM16	20.70	2.54	23.24	30	PASS
Band4	5	20375	12	#Max	QAM16	20.72	2.54	23.26	30	PASS
Band4	5	20375	25	#0	QAM16	20.62	2.54	23.16	30	PASS
Band4	10	20000	1	#0	QAM16	21.96	2.54	24.50	30	PASS
Band4	10	20000	1	#Mid	QAM16	22.07	2.54	24.61	30	PASS
Band4	10	20000	1	#Max	QAM16	21.97	2.54	24.51	30	PASS
Band4	10	20000	25	#0	QAM16	20.70	2.54	23.24	30	PASS
Band4	10	20000	25	#Mid	QAM16	20.77	2.54	23.31	30	PASS
Band4	10	20000	25	#Max	QAM16	20.84	2.54	23.38	30	PASS
Band4	10	20000	50	#0	QAM16	20.83	2.54	23.37	30	PASS
Band4	10	20175	1	#0	QAM16	21.88	2.54	24.42	30	PASS
Band4	10	20175	1	#Mid	QAM16	21.72	2.54	24.26	30	PASS
Band4	10	20175	1	#Max	QAM16	22.00	2.54	24.54	30	PASS
Band4	10	20175	25	#0	QAM16	21.42	2.54	23.96	30	PASS
Band4	10	20175	25	#Mid	QAM16	21.33	2.54	23.87	30	PASS
Band4	10	20175	25	#Max	QAM16	21.25	2.54	23.79	30	PASS
Band4	10	20175	50	#0	QAM16	21.24	2.54	23.78	30	PASS
Band4	10	20350	1	#0	QAM16	21.99	2.54	24.53	30	PASS

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BTF Testing Lab (Shenzhen) Co., Ltd.

101/201/301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Subdistrict, Bao'an District, Shenzhen, China

Email: info@btf-lab.com

Tel: +86-755-23146130

<http://www.btf-lab.com>

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Band4	10	20350	1	#Mid	QAM16	22.04	2.54	24.58	30	PASS
Band4	10	20350	1	#Max	QAM16	22.04	2.54	24.58	30	PASS
Band4	10	20350	25	#0	QAM16	21.13	2.54	23.67	30	PASS
Band4	10	20350	25	#Mid	QAM16	21.10	2.54	23.64	30	PASS
Band4	10	20350	25	#Max	QAM16	21.10	2.54	23.64	30	PASS
Band4	10	20350	50	#0	QAM16	21.09	2.54	23.63	30	PASS
Band4	15	20025	1	#0	QAM16	22.62	2.54	25.16	30	PASS
Band4	15	20025	1	#Mid	QAM16	23.02	2.54	25.56	30	PASS
Band4	15	20025	1	#Max	QAM16	22.58	2.54	25.12	30	PASS
Band4	15	20025	36	#0	QAM16	22.58	2.54	25.12	30	PASS
Band4	15	20025	36	#Mid	QAM16	21.35	2.54	23.89	30	PASS
Band4	15	20025	36	#Max	QAM16	21.35	2.54	23.89	30	PASS
Band4	15	20025	75	#0	QAM16	21.26	2.54	23.80	30	PASS
Band4	15	20175	1	#0	QAM16	22.41	2.54	24.95	30	PASS
Band4	15	20175	1	#Mid	QAM16	22.76	2.54	25.30	30	PASS
Band4	15	20175	1	#Max	QAM16	22.14	2.54	24.68	30	PASS
Band4	15	20175	36	#0	QAM16	21.41	2.54	23.95	30	PASS
Band4	15	20175	36	#Mid	QAM16	21.31	2.54	23.85	30	PASS
Band4	15	20175	36	#Max	QAM16	21.24	2.54	23.78	30	PASS
Band4	15	20175	75	#0	QAM16	21.23	2.54	23.77	30	PASS
Band4	15	20325	1	#0	QAM16	22.37	2.54	24.91	30	PASS
Band4	15	20325	1	#Mid	QAM16	22.52	2.54	25.06	30	PASS
Band4	15	20325	1	#Max	QAM16	22.10	2.54	24.64	30	PASS
Band4	15	20325	36	#0	QAM16	21.20	2.54	23.74	30	PASS
Band4	15	20325	36	#Mid	QAM16	0.00	2.54	2.54	30	PASS
Band4	15	20325	36	#Max	QAM16	0.00	2.54	2.54	30	PASS
Band4	15	20325	75	#0	QAM16	21.28	2.54	23.82	30	PASS
Band4	20	20050	1	#0	QAM16	22.31	2.54	24.85	30	PASS
Band4	20	20050	1	#Mid	QAM16	22.65	2.54	25.19	30	PASS
Band4	20	20050	1	#Max	QAM16	22.25	2.54	24.79	30	PASS
Band4	20	20050	50	#0	QAM16	21.13	2.54	23.67	30	PASS
Band4	20	20050	50	#Mid	QAM16	21.36	2.54	23.90	30	PASS
Band4	20	20050	50	#Max	QAM16	21.33	2.54	23.87	30	PASS
Band4	20	20050	100	#0	QAM16	21.23	2.54	23.77	30	PASS
Band4	20	20175	1	#0	QAM16	22.36	2.54	24.90	30	PASS
Band4	20	20175	1	#Mid	QAM16	22.61	2.54	25.15	30	PASS
Band4	20	20175	1	#Max	QAM16	22.09	2.54	24.63	30	PASS
Band4	20	20175	50	#0	QAM16	21.33	2.54	23.87	30	PASS
Band4	20	20175	50	#Mid	QAM16	21.32	2.54	23.86	30	PASS
Band4	20	20175	50	#Max	QAM16	21.07	2.54	23.61	30	PASS
Band4	20	20175	100	#0	QAM16	21.15	2.54	23.69	30	PASS
Band4	20	20300	1	#0	QAM16	22.28	2.54	24.82	30	PASS
Band4	20	20300	1	#Mid	QAM16	22.49	2.54	25.03	30	PASS
Band4	20	20300	1	#Max	QAM16	22.09	2.54	24.63	30	PASS

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101/201/301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Subdistrict, Bao'an District, Shenzhen, China

Email: info@btf-lab.com

Tel: +86-755-23146130

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Band4	20	20300	50	#0	QAM16	21.30	2.54	23.84	30	PASS
Band4	20	20300	50	#Mid	QAM16	21.20	2.54	23.74	30	PASS
Band4	20	20300	50	#Max	QAM16	21.12	2.54	23.66	30	PASS
Band4	20	20300	100	#0	QAM16	21.17	2.54	23.71	30	PASS
Band4	1.4	19957	1	#0	QPSK	23.24	2.54	25.78	30	PASS
Band4	1.4	19957	1	#Mid	QPSK	23.39	2.54	25.93	30	PASS
Band4	1.4	19957	1	#Max	QPSK	23.17	2.54	25.71	30	PASS
Band4	1.4	19957	3	#0	QPSK	23.30	2.54	25.84	30	PASS
Band4	1.4	19957	3	#Mid	QPSK	23.30	2.54	25.84	30	PASS
Band4	1.4	19957	3	#Max	QPSK	23.27	2.54	25.81	30	PASS
Band4	1.4	19957	6	#0	QPSK	22.22	2.54	24.76	30	PASS
Band4	1.4	20175	1	#0	QPSK	23.22	2.54	25.76	30	PASS
Band4	1.4	20175	1	#Mid	QPSK	23.27	2.54	25.81	30	PASS
Band4	1.4	20175	1	#Max	QPSK	23.21	2.54	25.75	30	PASS
Band4	1.4	20175	3	#0	QPSK	23.23	2.54	25.77	30	PASS
Band4	1.4	20175	3	#Mid	QPSK	23.21	2.54	25.75	30	PASS
Band4	1.4	20175	3	#Max	QPSK	23.23	2.54	25.77	30	PASS
Band4	1.4	20175	6	#0	QPSK	22.18	2.54	24.72	30	PASS
Band4	1.4	20393	1	#0	QPSK	23.12	2.54	25.66	30	PASS
Band4	1.4	20393	1	#Mid	QPSK	23.38	2.54	25.92	30	PASS
Band4	1.4	20393	1	#Max	QPSK	23.20	2.54	25.74	30	PASS
Band4	1.4	20393	3	#0	QPSK	23.12	2.54	25.66	30	PASS
Band4	1.4	20393	3	#Mid	QPSK	23.12	2.54	25.66	30	PASS
Band4	1.4	20393	3	#Max	QPSK	23.18	2.54	25.72	30	PASS
Band4	1.4	20393	6	#0	QPSK	22.14	2.54	24.68	30	PASS
Band4	3	19965	1	#0	QPSK	23.22	2.54	25.76	30	PASS
Band4	3	19965	1	#Mid	QPSK	23.50	2.54	26.04	30	PASS
Band4	3	19965	1	#Max	QPSK	23.21	2.54	25.75	30	PASS
Band4	3	19965	8	#0	QPSK	22.21	2.54	24.75	30	PASS
Band4	3	19965	8	#Mid	QPSK	22.23	2.54	24.77	30	PASS
Band4	3	19965	8	#Max	QPSK	22.24	2.54	24.78	30	PASS
Band4	3	19965	15	#0	QPSK	22.20	2.54	24.74	30	PASS
Band4	3	20175	1	#0	QPSK	22.99	2.54	25.53	30	PASS
Band4	3	20175	1	#Mid	QPSK	23.23	2.54	25.77	30	PASS
Band4	3	20175	1	#Max	QPSK	23.28	2.54	25.82	30	PASS
Band4	3	20175	8	#0	QPSK	22.14	2.54	24.68	30	PASS
Band4	3	20175	8	#Mid	QPSK	22.23	2.54	24.77	30	PASS
Band4	3	20175	8	#Max	QPSK	22.15	2.54	24.69	30	PASS
Band4	3	20175	15	#0	QPSK	22.10	2.54	24.64	30	PASS
Band4	3	20385	1	#0	QPSK	22.71	2.54	25.25	30	PASS
Band4	3	20385	1	#Mid	QPSK	22.98	2.54	25.52	30	PASS
Band4	3	20385	1	#Max	QPSK	22.94	2.54	25.48	30	PASS
Band4	3	20385	8	#0	QPSK	22.06	2.54	24.60	30	PASS
Band4	3	20385	8	#Mid	QPSK	22.11	2.54	24.65	30	PASS

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101/201/301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Subdistrict, Bao'an District, Shenzhen, China

Email: info@btf-lab.com

Tel: +86-755-23146130

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Band4	3	20385	8	#Max	QPSK	22.14	2.54	24.68	30	PASS
Band4	3	20385	15	#0	QPSK	22.09	2.54	24.63	30	PASS
Band4	5	19975	1	#0	QPSK	22.64	2.54	25.18	30	PASS
Band4	5	19975	1	#Mid	QPSK	23.11	2.54	25.65	30	PASS
Band4	5	19975	1	#Max	QPSK	22.62	2.54	25.16	30	PASS
Band4	5	19975	12	#0	QPSK	21.73	2.54	24.27	30	PASS
Band4	5	19975	12	#Mid	QPSK	21.81	2.54	24.35	30	PASS
Band4	5	19975	12	#Max	QPSK	21.77	2.54	24.31	30	PASS
Band4	5	19975	25	#0	QPSK	21.78	2.54	24.32	30	PASS
Band4	5	20175	1	#0	QPSK	22.64	2.54	25.18	30	PASS
Band4	5	20175	1	#Mid	QPSK	23.13	2.54	25.67	30	PASS
Band4	5	20175	1	#Max	QPSK	22.53	2.54	25.07	30	PASS
Band4	5	20175	12	#0	QPSK	21.77	2.54	24.31	30	PASS
Band4	5	20175	12	#Mid	QPSK	21.77	2.54	24.31	30	PASS
Band4	5	20175	12	#Max	QPSK	21.66	2.54	24.20	30	PASS
Band4	5	20175	25	#0	QPSK	21.69	2.54	24.23	30	PASS
Band4	5	20375	1	#0	QPSK	22.47	2.54	25.01	30	PASS
Band4	5	20375	1	#Mid	QPSK	22.89	2.54	25.43	30	PASS
Band4	5	20375	1	#Max	QPSK	22.83	2.54	25.37	30	PASS
Band4	5	20375	12	#0	QPSK	21.88	2.54	24.42	30	PASS
Band4	5	20375	12	#Mid	QPSK	21.80	2.54	24.34	30	PASS
Band4	5	20375	12	#Max	QPSK	21.68	2.54	24.22	30	PASS
Band4	5	20375	25	#0	QPSK	21.78	2.54	24.32	30	PASS
Band4	10	20000	1	#0	QPSK	22.76	2.54	25.30	30	PASS
Band4	10	20000	1	#Mid	QPSK	22.85	2.54	25.39	30	PASS
Band4	10	20000	1	#Max	QPSK	22.74	2.54	25.28	30	PASS
Band4	10	20000	25	#0	QPSK	21.74	2.54	24.28	30	PASS
Band4	10	20000	25	#Mid	QPSK	21.75	2.54	24.29	30	PASS
Band4	10	20000	25	#Max	QPSK	21.88	2.54	24.42	30	PASS
Band4	10	20000	50	#0	QPSK	21.80	2.54	24.34	30	PASS
Band4	10	20175	1	#0	QPSK	22.86	2.54	25.40	30	PASS
Band4	10	20175	1	#Mid	QPSK	22.88	2.54	25.42	30	PASS
Band4	10	20175	1	#Max	QPSK	22.62	2.54	25.16	30	PASS
Band4	10	20175	25	#0	QPSK	21.85	2.54	24.39	30	PASS
Band4	10	20175	25	#Mid	QPSK	21.73	2.54	24.27	30	PASS
Band4	10	20175	25	#Max	QPSK	21.83	2.54	24.37	30	PASS
Band4	10	20175	50	#0	QPSK	21.95	2.54	24.49	30	PASS
Band4	10	20350	1	#0	QPSK	23.23	2.54	25.77	30	PASS
Band4	10	20350	1	#Mid	QPSK	23.25	2.54	25.79	30	PASS
Band4	10	20350	1	#Max	QPSK	23.18	2.54	25.72	30	PASS
Band4	10	20350	25	#0	QPSK	22.06	2.54	24.60	30	PASS
Band4	10	20350	25	#Mid	QPSK	22.08	2.54	24.62	30	PASS
Band4	10	20350	25	#Max	QPSK	22.19	2.54	24.73	30	PASS
Band4	10	20350	50	#0	QPSK	22.10	2.54	24.64	30	PASS

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101/201/301, Building 1, Block 2, Tantou Industrial Park, Tantou Community, Songgang Subdistrict, Bao'an District, Shenzhen, China

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Tel: +86-755-23146130

<http://www.btf-lab.com>

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Band4	15	20025	1	#0	QPSK	23.17	2.54	25.71	30	PASS
Band4	15	20025	1	#Mid	QPSK	23.49	2.54	26.03	30	PASS
Band4	15	20025	1	#Max	QPSK	23.11	2.54	25.65	30	PASS
Band4	15	20025	36	#0	QPSK	22.21	2.54	24.75	30	PASS
Band4	15	20025	36	#Mid	QPSK	22.30	2.54	24.84	30	PASS
Band4	15	20025	36	#Max	QPSK	22.34	2.54	24.88	30	PASS
Band4	15	20025	75	#0	QPSK	22.28	2.54	24.82	30	PASS
Band4	15	20175	1	#0	QPSK	23.25	2.54	25.79	30	PASS
Band4	15	20175	1	#Mid	QPSK	23.53	2.54	26.07	30	PASS
Band4	15	20175	1	#Max	QPSK	22.95	2.54	25.49	30	PASS
Band4	15	20175	36	#0	QPSK	22.30	2.54	24.84	30	PASS
Band4	15	20175	36	#Mid	QPSK	22.28	2.54	24.82	30	PASS
Band4	15	20175	36	#Max	QPSK	0.00	2.54	2.54	30	PASS
Band4	15	20175	75	#0	QPSK	22.20	2.54	24.74	30	PASS
Band4	15	20325	1	#0	QPSK	23.15	2.54	25.69	30	PASS
Band4	15	20325	1	#Mid	QPSK	23.52	2.54	26.06	30	PASS
Band4	15	20325	1	#Max	QPSK	23.07	2.54	25.61	30	PASS
Band4	15	20325	36	#0	QPSK	22.21	2.54	24.75	30	PASS
Band4	15	20325	36	#Mid	QPSK	22.13	2.54	24.67	30	PASS
Band4	15	20325	36	#Max	QPSK	22.17	2.54	24.71	30	PASS
Band4	15	20325	75	#0	QPSK	22.23	2.54	24.77	30	PASS
Band4	20	20050	1	#0	QPSK	23.03	2.54	25.57	30	PASS
Band4	20	20050	1	#Mid	QPSK	23.39	2.54	25.93	30	PASS
Band4	20	20050	1	#Max	QPSK	22.94	2.54	25.48	30	PASS
Band4	20	20050	50	#0	QPSK	22.09	2.54	24.63	30	PASS
Band4	20	20050	50	#Mid	QPSK	22.26	2.54	24.80	30	PASS
Band4	20	20050	50	#Max	QPSK	22.26	2.54	24.80	30	PASS
Band4	20	20050	100	#0	QPSK	22.19	2.54	24.73	30	PASS
Band4	20	20175	1	#0	QPSK	20.51	2.54	23.05	30	PASS
Band4	20	20175	1	#Mid	QPSK	23.28	2.54	25.82	30	PASS
Band4	20	20175	1	#Max	QPSK	22.78	2.54	25.32	30	PASS
Band4	20	20175	50	#0	QPSK	22.21	2.54	24.75	30	PASS
Band4	20	20175	50	#Mid	QPSK	22.22	2.54	24.76	30	PASS
Band4	20	20175	50	#Max	QPSK	21.99	2.54	24.53	30	PASS
Band4	20	20175	100	#0	QPSK	22.13	2.54	24.67	30	PASS
Band4	20	20300	1	#0	QPSK	23.09	2.54	25.63	30	PASS
Band4	20	20300	1	#Mid	QPSK	23.30	2.54	25.84	30	PASS
Band4	20	20300	1	#Max	QPSK	22.95	2.54	25.49	30	PASS
Band4	20	20300	50	#0	QPSK	22.27	2.54	24.81	30	PASS
Band4	20	20300	50	#Mid	QPSK	22.12	2.54	24.66	30	PASS
Band4	20	20300	50	#Max	QPSK	22.09	2.54	24.63	30	PASS
Band4	20	20300	100	#0	QPSK	22.18	2.54	24.72	30	PASS

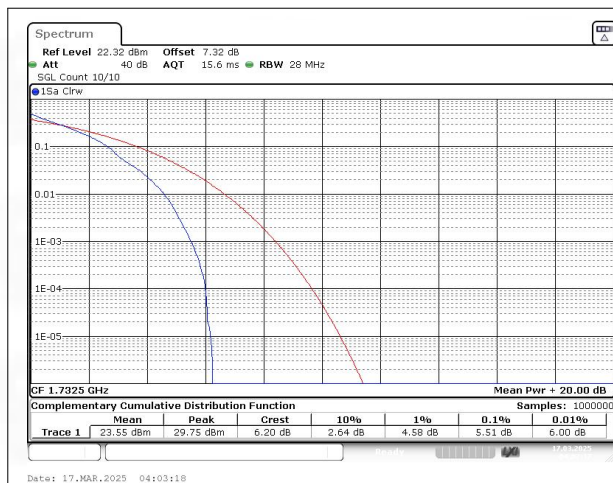
Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (°C)	Result (Hz)	Result (ppm)	Verdict
Band4	20	20175	100	#0	QPSK	VL	NT	-7.71	-0.004	PASS
Band4	20	20175	100	#0	QPSK	VN	NT	-9.28	-0.005	PASS
Band4	20	20175	100	#0	QPSK	VH	NT	-2.88	-0.002	PASS

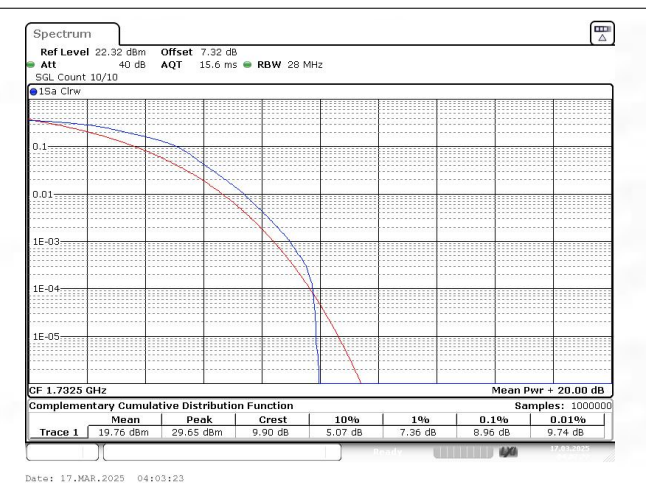
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (°C)	Result (Hz)	Result (ppm)	Verdict
Band4	20	20175	100	#0	QPSK	NV	-30	0.46	0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	-20	2.69	0.002	PASS
Band4	20	20175	100	#0	QPSK	NV	-10	1.23	0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	0	-6.97	-0.004	PASS
Band4	20	20175	100	#0	QPSK	NV	10	-7.55	-0.004	PASS
Band4	20	20175	100	#0	QPSK	NV	20	-2.56	-0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	30	-2.69	-0.002	PASS
Band4	20	20175	100	#0	QPSK	NV	40	2.06	0.001	PASS
Band4	20	20175	100	#0	QPSK	NV	50	-0.54	0.001	PASS

Peak-to-Average Ratio

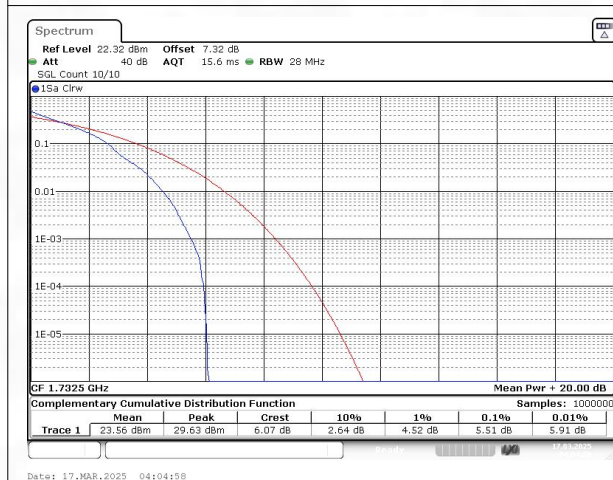
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	20175	1	#0	QAM16	8.96	13	PASS
Band4	3	20175	1	#0	QAM16	6.32	13	PASS
Band4	5	20175	1	#0	QAM16	6	13	PASS
Band4	10	20175	1	#0	QAM16	6.38	13	PASS
Band4	15	20175	1	#0	QAM16	6.12	13	PASS
Band4	20	20175	1	#0	QAM16	6.58	13	PASS
Band4	1.4	20175	1	#0	QPSK	5.51	13	PASS
Band4	3	20175	1	#0	QPSK	5.51	13	PASS
Band4	5	20175	1	#0	QPSK	5.8	13	PASS
Band4	10	20175	1	#0	QPSK	5.39	13	PASS
Band4	15	20175	1	#0	QPSK	5.51	13	PASS
Band4	20	20175	1	#0	QPSK	5.62	13	PASS



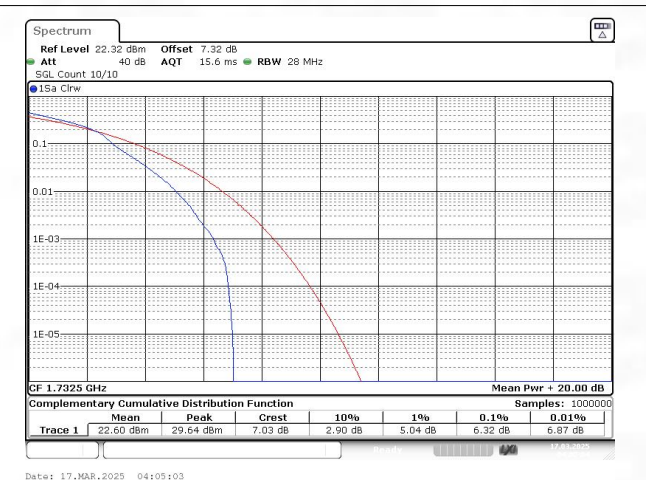
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



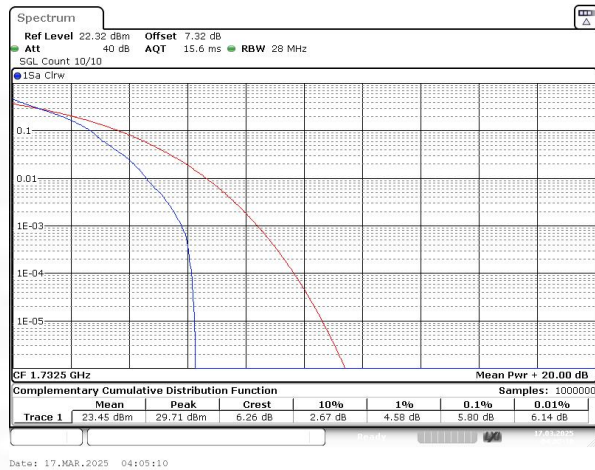
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0



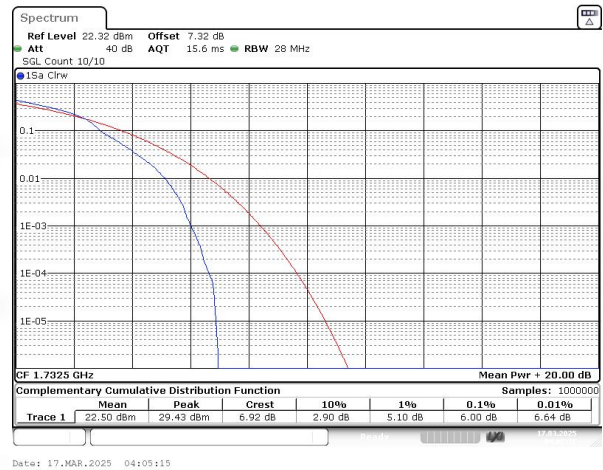
Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



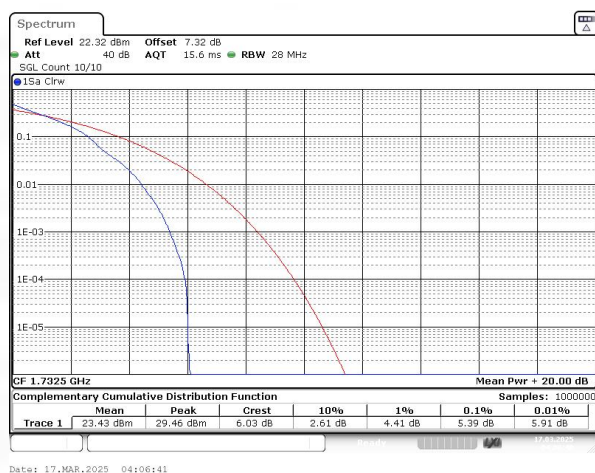
Band4 QAM16 BW=3MHz Channel=20175 RB Size=1 Position=#0



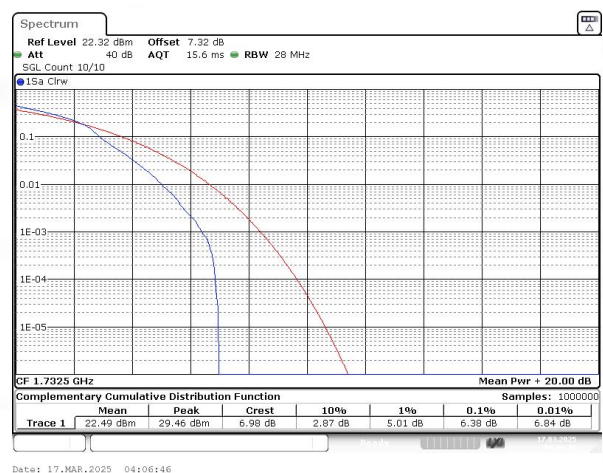
Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



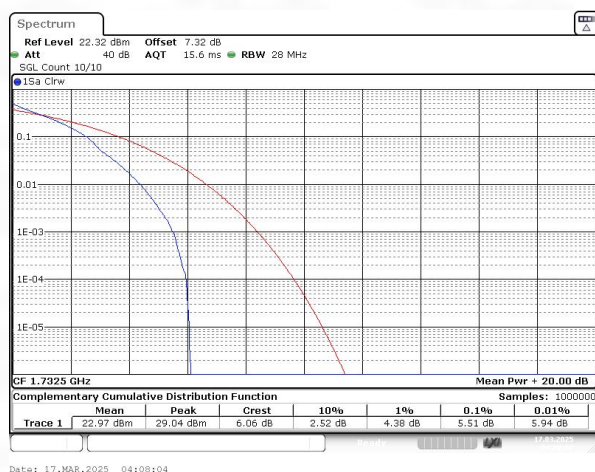
Band4 QAM16 BW=5MHz Channel=20175 RB Size=1 Position=#0



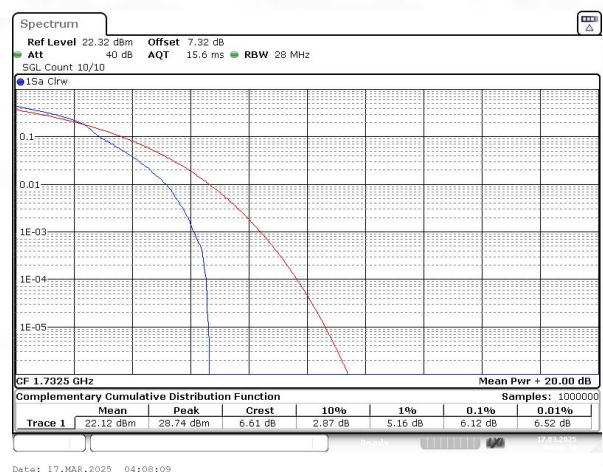
Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



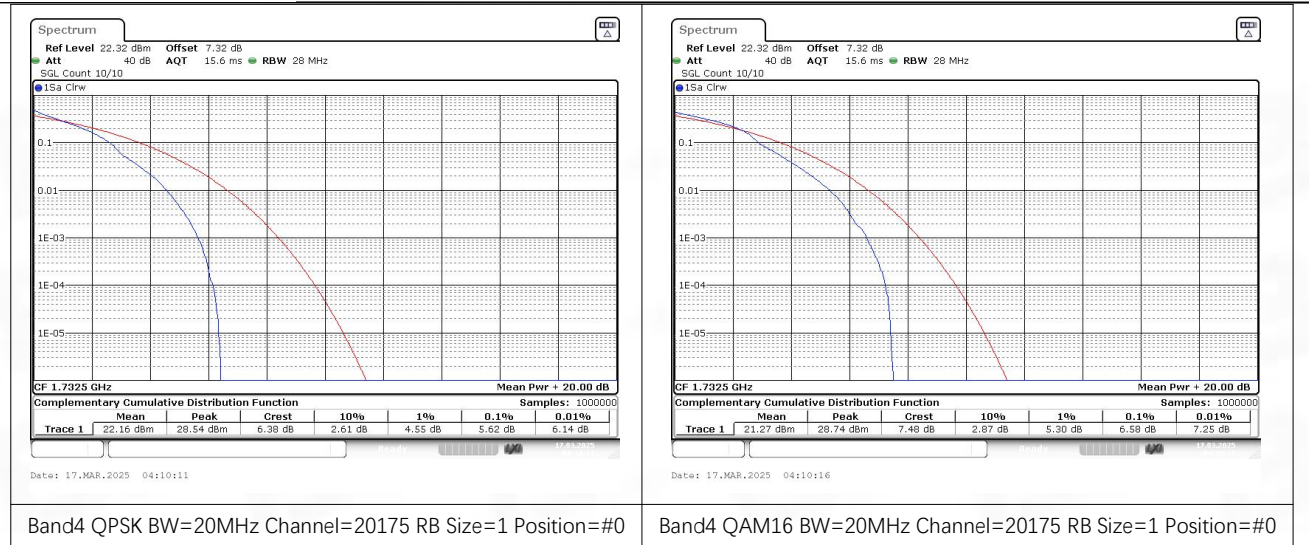
Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0



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

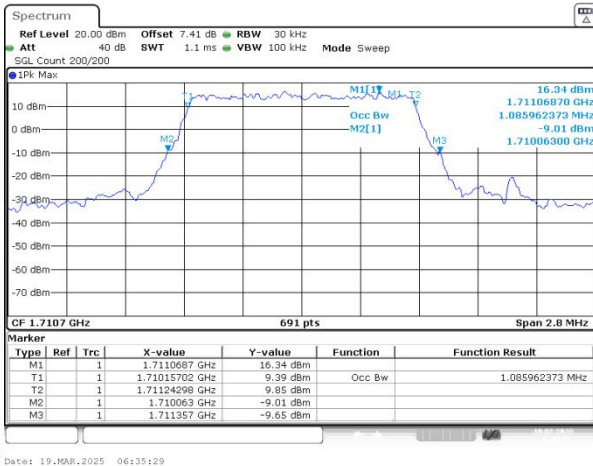


Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0

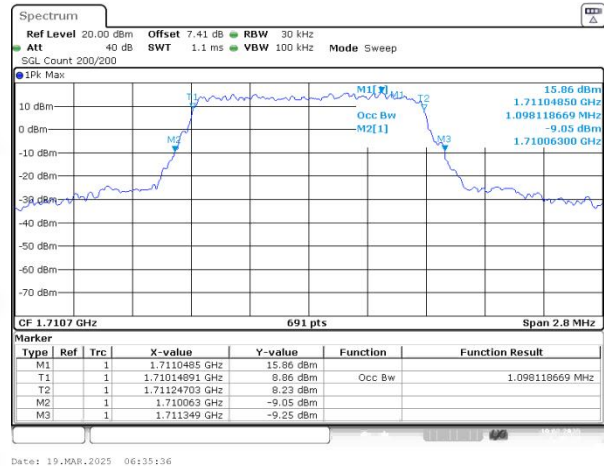


Occupied bandwidth

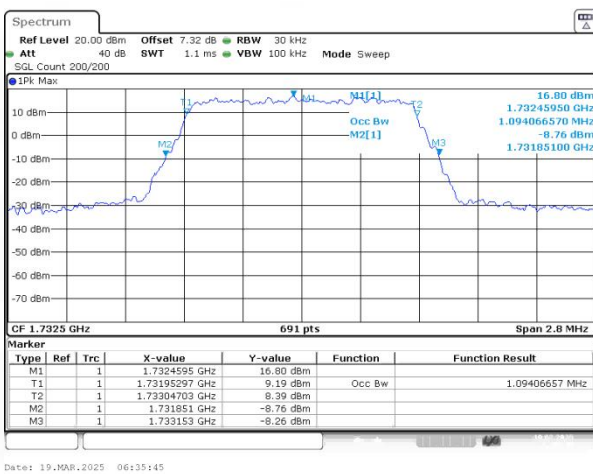
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QAM16	1.098	1.286	PASS
Band4	1.4	20175	6	#0	QAM16	1.094	1.262	PASS
Band4	1.4	20393	6	#0	QAM16	1.094	1.274	PASS
Band4	3	19965	15	#0	QAM16	2.726	2.957	PASS
Band4	3	20175	15	#0	QAM16	2.718	2.957	PASS
Band4	3	20385	15	#0	QAM16	2.709	2.957	PASS
Band4	5	19975	25	#0	QAM16	4.501	4.841	PASS
Band4	5	20175	25	#0	QAM16	4.501	4.841	PASS
Band4	5	20375	25	#0	QAM16	4.501	4.899	PASS
Band4	10	20000	50	#0	QAM16	8.973	9.71	PASS
Band4	10	20175	50	#0	QAM16	8.973	9.71	PASS
Band4	10	20350	50	#0	QAM16	9.001	9.739	PASS
Band4	15	20025	75	#0	QAM16	13.459	14.522	PASS
Band4	15	20175	75	#0	QAM16	13.459	14.565	PASS
Band4	15	20325	75	#0	QAM16	13.502	14.478	PASS
Band4	20	20050	100	#0	QAM16	17.945	19.304	PASS
Band4	20	20175	100	#0	QAM16	18.003	19.304	PASS
Band4	20	20300	100	#0	QAM16	18.061	19.42	PASS
Band4	1.4	19957	6	#0	QPSK	1.086	1.294	PASS
Band4	1.4	20175	6	#0	QPSK	1.094	1.303	PASS
Band4	1.4	20393	6	#0	QPSK	1.106	1.27	PASS
Band4	3	19965	15	#0	QPSK	2.718	2.965	PASS
Band4	3	20175	15	#0	QPSK	2.726	2.957	PASS
Band4	3	20385	15	#0	QPSK	2.726	2.983	PASS
Band4	5	19975	25	#0	QPSK	4.501	4.841	PASS
Band4	5	20175	25	#0	QPSK	4.501	4.841	PASS
Band4	5	20375	25	#0	QPSK	4.515	4.855	PASS
Band4	10	20000	50	#0	QPSK	8.973	9.565	PASS
Band4	10	20175	50	#0	QPSK	9.001	9.652	PASS
Band4	10	20350	50	#0	QPSK	9.03	9.826	PASS
Band4	15	20025	75	#0	QPSK	13.459	14.478	PASS
Band4	15	20175	75	#0	QPSK	13.502	14.391	PASS
Band4	15	20325	75	#0	QPSK	13.415	14.609	PASS
Band4	20	20050	100	#0	QPSK	17.945	19.478	PASS
Band4	20	20175	100	#0	QPSK	18.003	19.594	PASS
Band4	20	20300	100	#0	QPSK	18.003	19.362	PASS



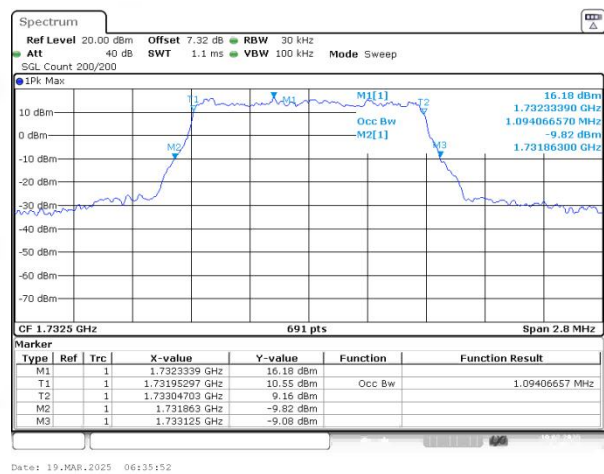
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



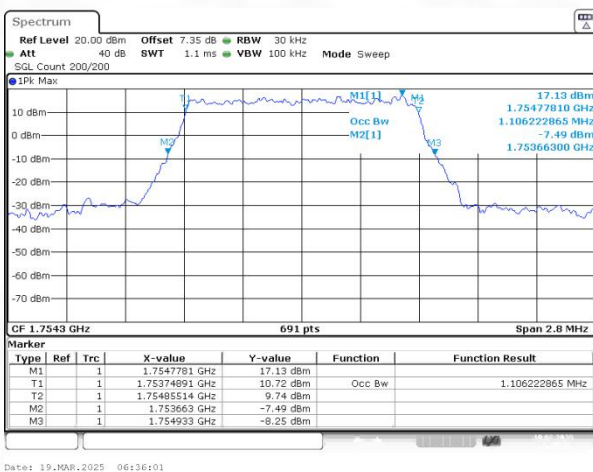
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



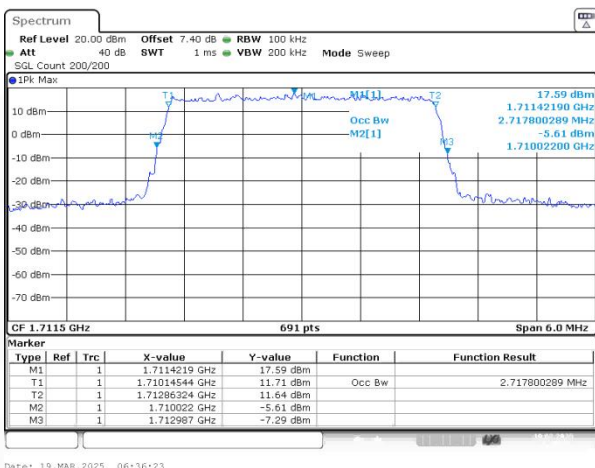
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0



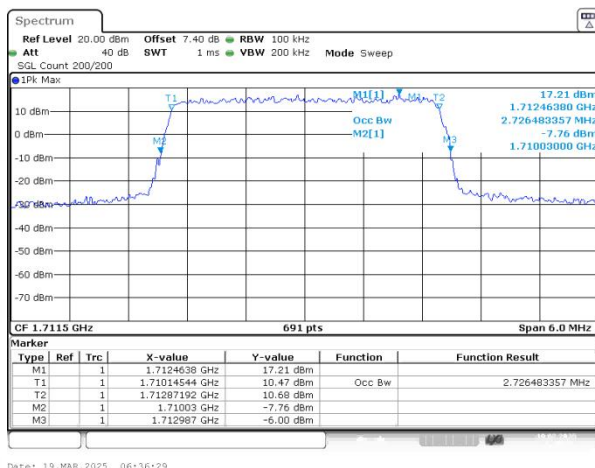
Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



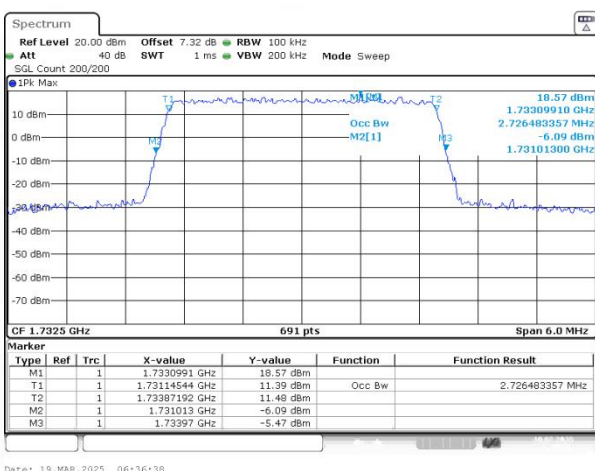
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0



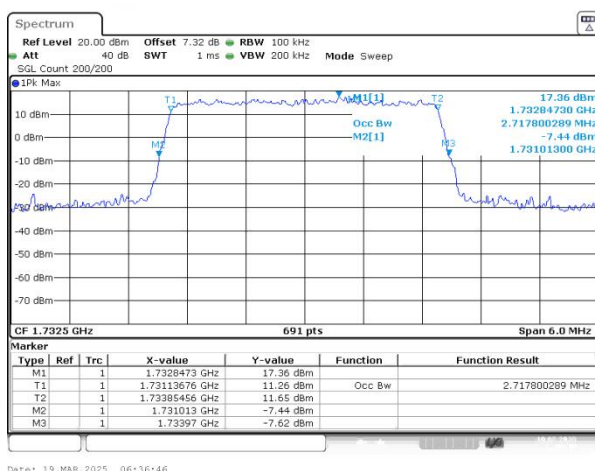
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



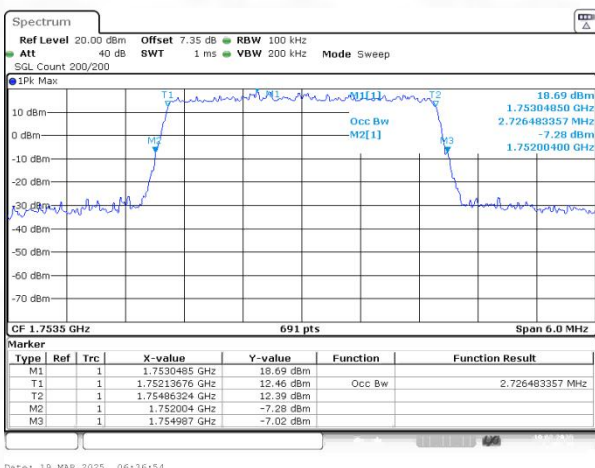
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



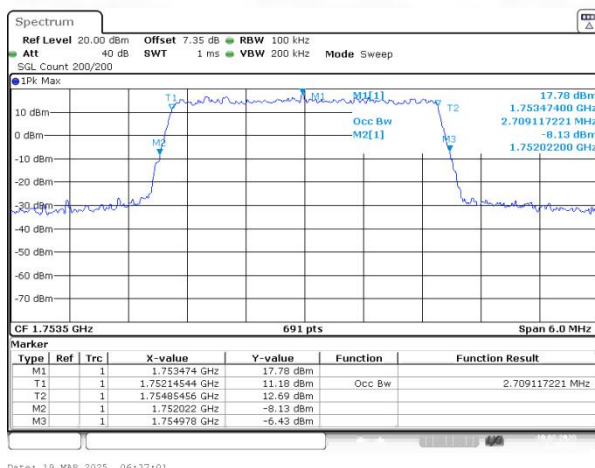
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



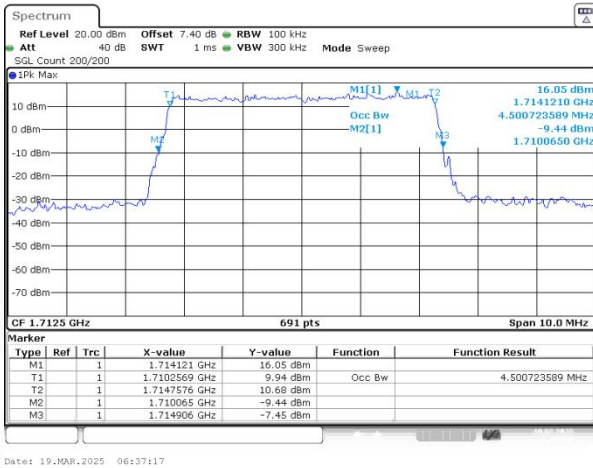
Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0



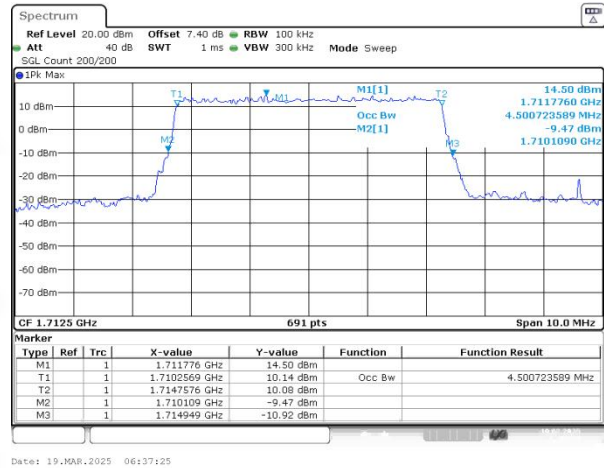
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



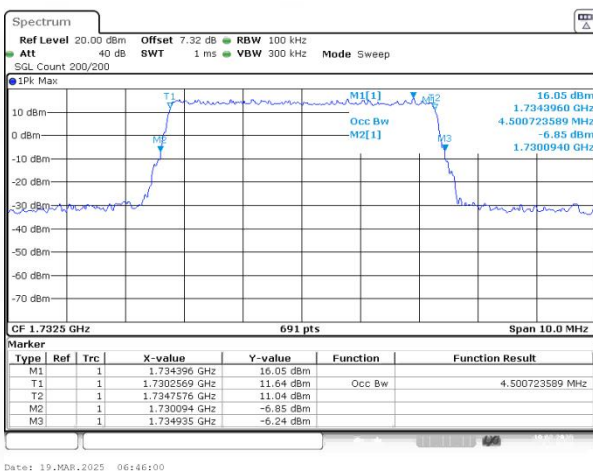
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



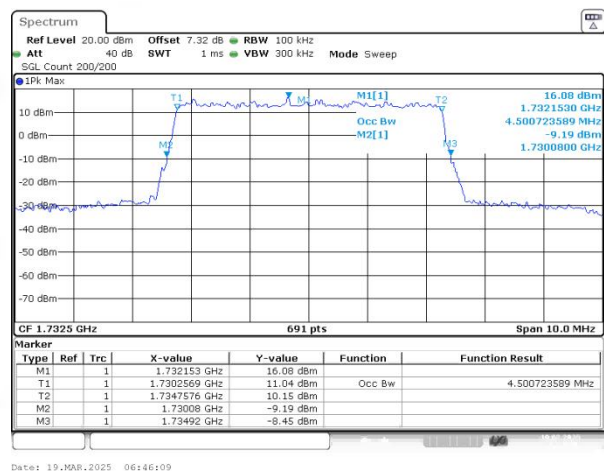
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



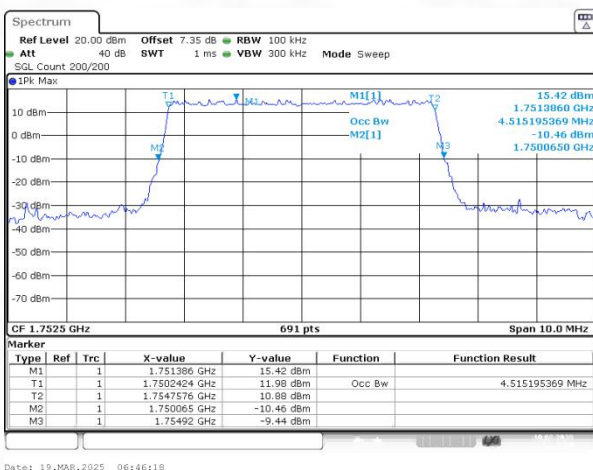
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



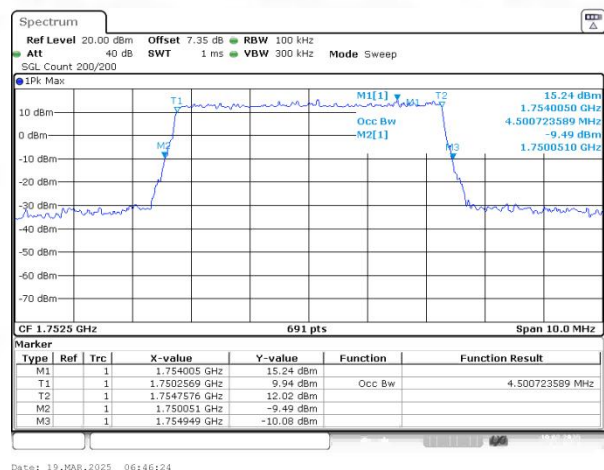
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



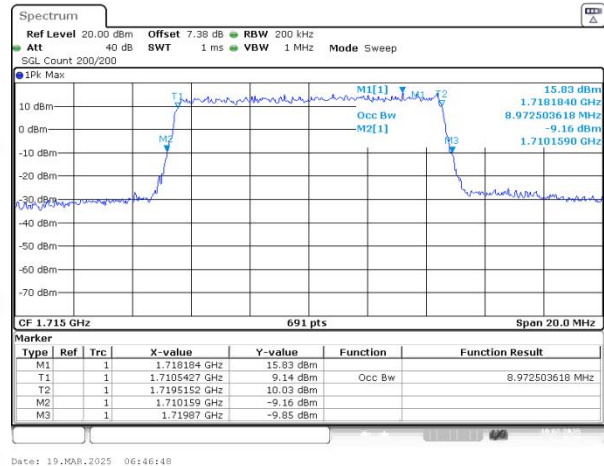
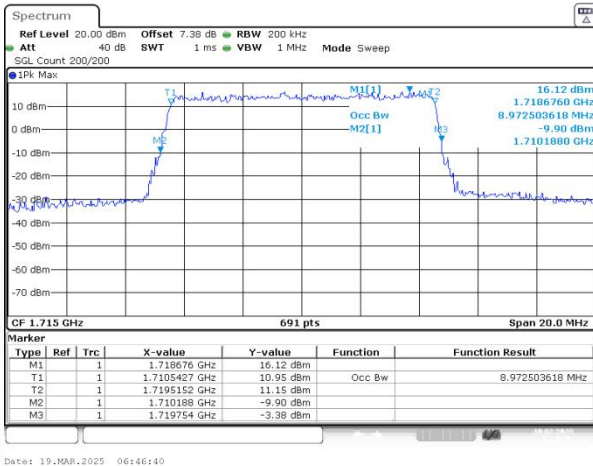
Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0



Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0

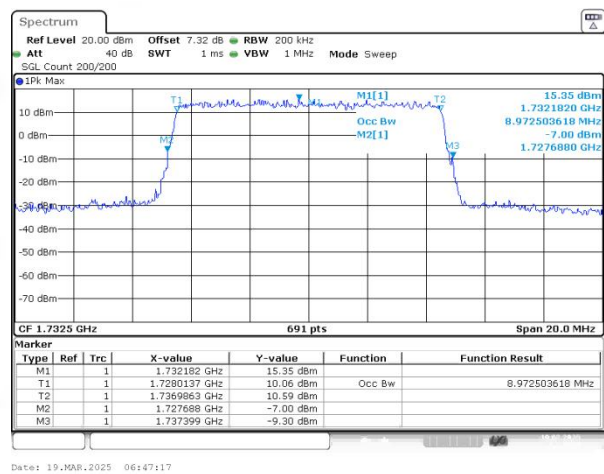
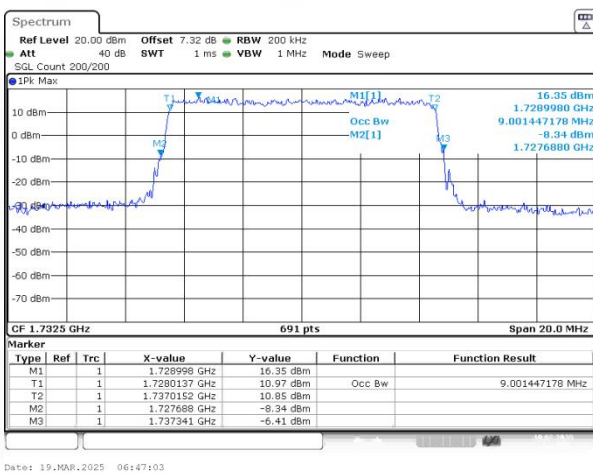


Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



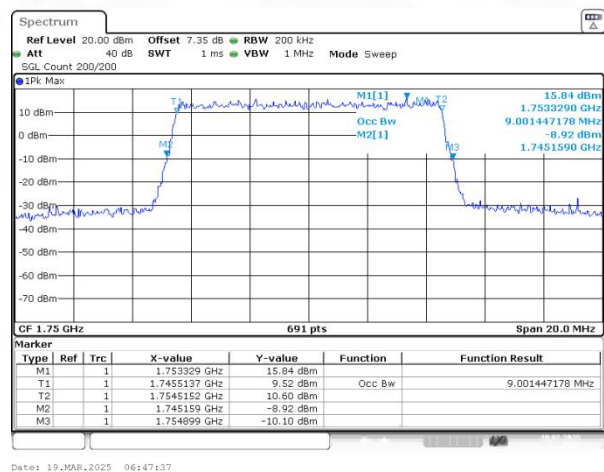
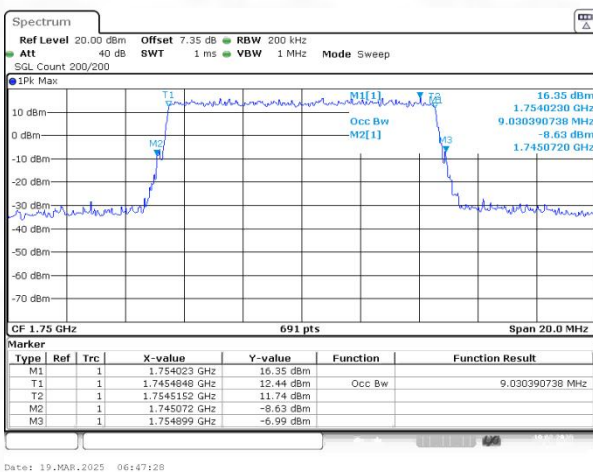
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0

Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



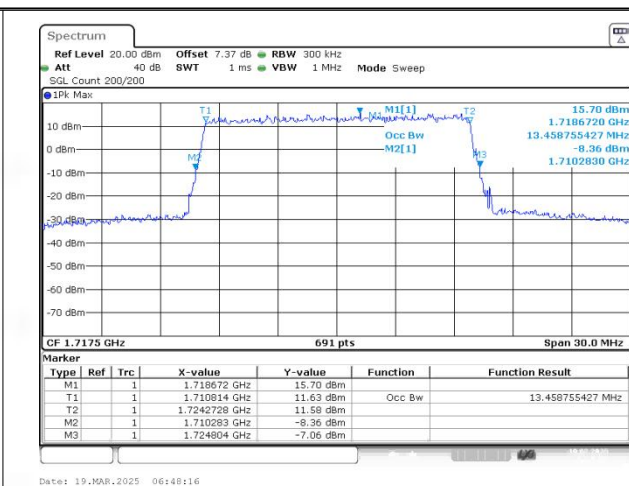
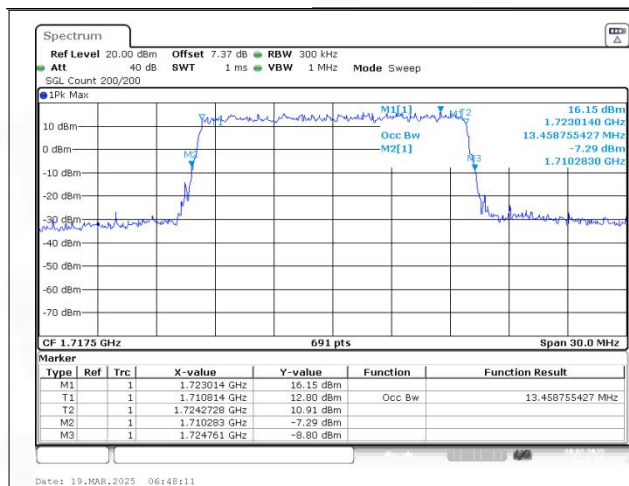
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0

Band4 QAM16 BW=10MHz Channel=20175 RB Size=50 Position=#0



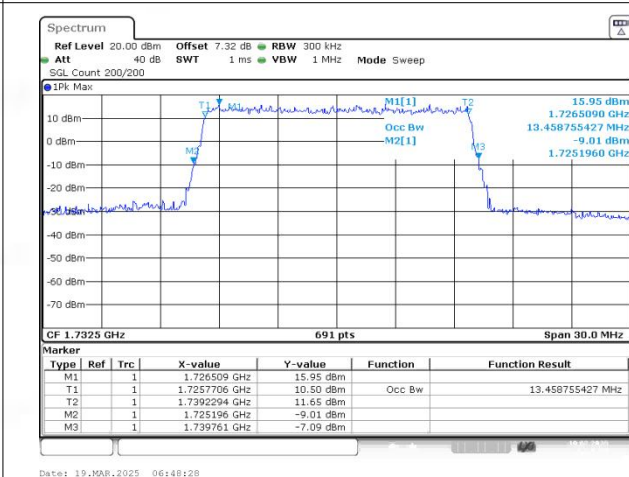
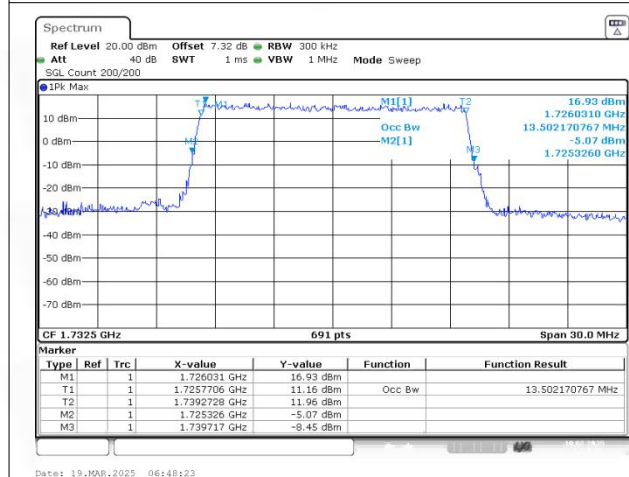
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0

Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0



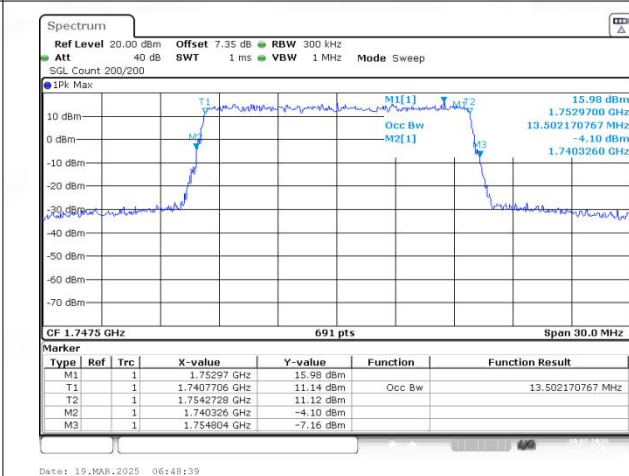
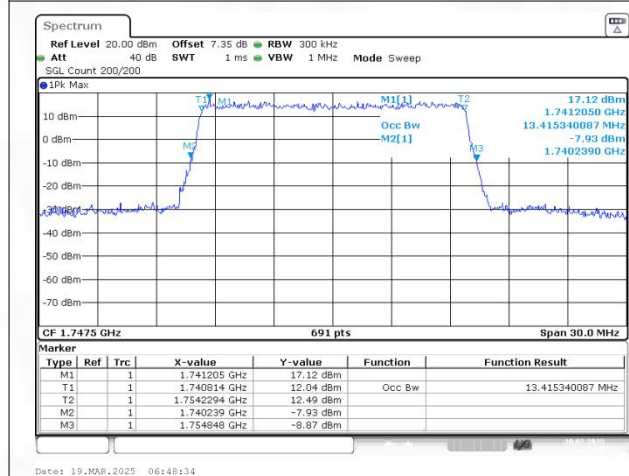
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0

Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0

Band4 QAM16 BW=15MHz Channel=20175 RB Size=75 Position=#0



Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0

Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0