Appendix A _ Conducted Test Data

LTE Band 2

01 Conducted output power

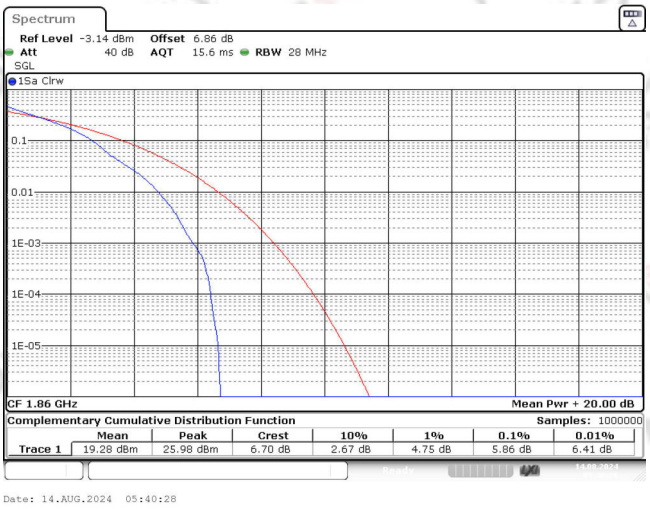
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBi)	ERP (dBm)	ERP Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
Band2	1.4	18607	1	#0	QAM16	21.87	2.3	22.02	37	24.17	37	PASS
Band2	1.4	18900	1	#0	QAM16	22.22	2.3	22.37	37	24.52	37	PASS
Band2	1.4	19193	1	#0	QAM16	22.06	2.3	22.21	37	24.36	37	PASS
Band2	3	18615	1	#0	QAM16	22.46	2.3	22.61	37	24.76	37	PASS
Band2	3	18900	1	#0	QAM16	22.31	2.3	22.46	37	24.61	37	PASS
Band2	3	19185	1	#0	QAM16	21.77	2.3	21.92	37	24.07	37	PASS
Band2	5	18625	1	#0	QAM16	**22.48**	2.3	22.63	37	24.78	37	PASS
Band2	5	18900	1	#0	QAM16	22.34	2.3	22.49	37	24.64	37	PASS
Band2	5	19175	1	#0	QAM16	22.18	2.3	22.33	37	24.48	37	PASS
Band2	10	18650	1	#0	QAM16	22.47	2.3	22.62	37	24.77	37	PASS
Band2	10	18900	1	#0	QAM16	22.25	2.3	22.40	37	24.55	37	PASS
Band2	10	19150	1	#0	QAM16	21.82	2.3	21.97	37	24.12	37	PASS
Band2	15	18675	1	#0	QAM16	22.45	2.3	22.6	37	24.75	37	PASS
Band2	15	18900	1	#0	QAM16	22.20	2.3	22.35	37	24.50	37	PASS
Band2	15	19125	1	#0	QAM16	22.04	2.3	22.19	37	24.34	37	PASS
Band2	20	18700	1	#0	QAM16	22.18	2.3	22.33	37	24.48	37	PASS
Band2	20	18900	1	#0	QAM16	**22.20**	2.3	22.35	37	24.50	37	PASS
Band2	20	19100	1	#0	QAM16	22.11	2.3	22.26	37	24.41	37	PASS
Band2	1.4	18607	1	#0	QPSK	23.11	2.3	23.26	37	25.41	37	PASS
Band2	1.4	18900	1	#0	QPSK	23.12	2.3	23.27	37	25.42	37	PASS
Band2	1.4	19193	1	#0	QPSK	22.87	2.3	23.02	37	25.17	37	PASS
Band2	3	18615	1	#0	QPSK	23.05	2.3	23.20	37	25.35	37	PASS
Band2	3	18900	1	#0	QPSK	**23.14**	2.3	23.29	37	25.44	37	PASS
Band2	3	19185	1	#0	QPSK	22.95	2.3	23.10	37	25.25	37	PASS
Band2	5	18625	1	#0	QPSK	23.01	2.3	23.16	37	25.31	37	PASS
Band2	5	18900	1	#0	QPSK	23.03	2.3	23.18	37	25.33	37	PASS
Band2	5	19175	1	#0	QPSK	22.73	2.3	22.88	37	25.03	37	PASS
Band2	10	18650	1	#0	QPSK	23.10	2.3	23.25	37	25.40	37	PASS
Band2	10	18900	1	#0	QPSK	23.10	2.3	23.25	37	25.40	37	PASS
Band2	10	19150	1	#0	QPSK	22.96	2.3	23.11	37	25.26	37	PASS
Band2	15	18675	1	#0	QPSK	22.99	2.3	23.14	37	25.29	37	PASS
Band2	15	18900	1	#0	QPSK	23.07	2.3	23.22	37	25.37	37	PASS
Band2	15	19125	1	#0	QPSK	22.94	2.3	23.09	37	25.24	37	PASS
Band2	20	18700	1	#0	QPSK	22.91	2.3	23.06	37	25.21	37	PASS
Band2	20	18900	1	#0	QPSK	**22.97**	2.3	23.12	37	25.27	37	PASS
Band2	20	19100	1	#0	QPSK	22.91	2.3	23.06	37	25.21	37	PASS

02 Frequency stability

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
NVNT	Band2	1.4	18607	6	#0	QAM16	-8.73	-0.005	-2.5	2.5	PASS
NVNT	Band2	1.4	19193	6	#0	QAM16	-4.43	-0.002	-2.5	2.5	PASS
NVNT	Band2	3	18615	15	#0	QAM16	2.85	0.002	-2.5	2.5	PASS
NVNT	Band2	3	19185	15	#0	QAM16	-3.93	-0.002	-2.5	2.5	PASS
NVNT	Band2	5	18625	25	#0	QAM16	-1.19	-0.001	-2.5	2.5	PASS
NVNT	Band2	5	19175	25	#0	QAM16	-6.67	-0.003	-2.5	2.5	PASS
NVNT	Band2	10	18650	50	#0	QAM16	-10.56	-0.006	-2.5	2.5	PASS
NVNT	Band2	10	19150	50	#0	QAM16	-3.40	-0.002	-2.5	2.5	PASS
NVNT	Band2	15	18675	75	#0	QAM16	-7.77	-0.004	-2.5	2.5	PASS
NVNT	Band2	15	19125	75	#0	QAM16	-2.76	-0.001	-2.5	2.5	PASS
NVNT	Band2	20	18700	100	#0	QAM16	-6.94	-0.004	-2.5	2.5	PASS
NVNT	Band2	20	19100	100	#0	QAM16	-6.68	-0.004	-2.5	2.5	PASS
NVNT	Band2	1.4	18607	6	#0	QPSK	-17.27	-0.009	-2.5	2.5	PASS
NVNT	Band2	1.4	19193	6	#0	QPSK	-8.05	-0.004	-2.5	2.5	PASS
NVNT	Band2	3	18615	15	#0	QPSK	-4.43	-0.002	-2.5	2.5	PASS
NVNT	Band2	3	19185	15	#0	QPSK	-7.31	-0.004	-2.5	2.5	PASS
NVNT	Band2	5	18625	25	#0	QPSK	-8.75	-0.005	-2.5	2.5	PASS
NVNT	Band2	5	19175	25	#0	QPSK	4.72	0.002	-2.5	2.5	PASS
NVNT	Band2	10	18650	50	#0	QPSK	-7.64	-0.004	-2.5	2.5	PASS
NVNT	Band2	10	19150	50	#0	QPSK	-3.69	-0.002	-2.5	2.5	PASS
NVNT	Band2	15	18675	75	#0	QPSK	-6.90	-0.004	-2.5	2.5	PASS
NVNT	Band2	15	19125	75	#0	QPSK	-4.11	-0.002	-2.5	2.5	PASS
NVNT	Band2	20	18700	100	#0	QPSK	-11.73	-0.006	-2.5	2.5	PASS
NVNT	Band2	20	19100	100	#0	QPSK	-7.10	-0.004	-2.5	2.5	PASS

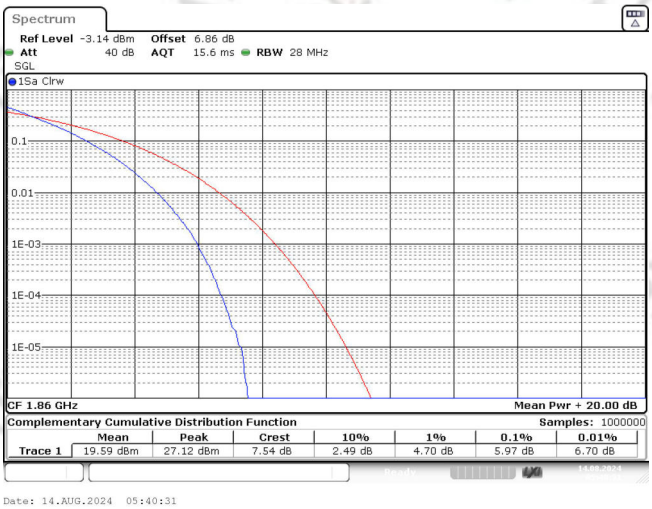
03 Peak-to-Average Ratio

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band2	20	18700	1	#0	QAM16	6.58	13	PASS
NVNT	Band2	20	18700	100	#0	QAM16	6.75	13	PASS
NVNT	Band2	20	18900	1	#0	QAM16	7.25	13	PASS
NVNT	Band2	20	18900	100	#0	QAM16	6.75	13	PASS
NVNT	Band2	20	19100	1	#0	QAM16	6.32	13	PASS
NVNT	Band2	20	19100	100	#0	QAM16	6.81	13	PASS
NVNT	Band2	20	18700	1	#0	QPSK	5.86	13	PASS
NVNT	Band2	20	18700	100	#0	QPSK	5.97	13	PASS
NVNT	Band2	20	18900	1	#0	QPSK	6.06	13	PASS
NVNT	Band2	20	18900	100	#0	QPSK	6.03	13	PASS
NVNT	Band2	20	19100	1	#0	QPSK	5.86	13	PASS
NVNT	Band2	20	19100	100	#0	QPSK	6.09	13	PASS



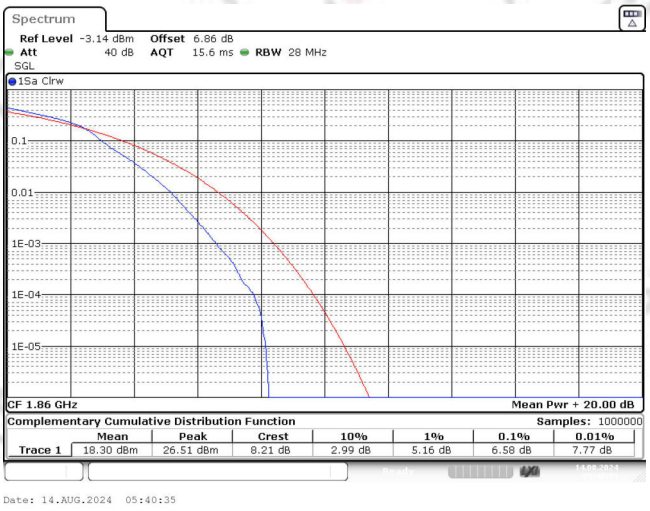
Band2 QPSK BW=20MHz Channel=18700 RB Size=1 Position=#0

NVNT



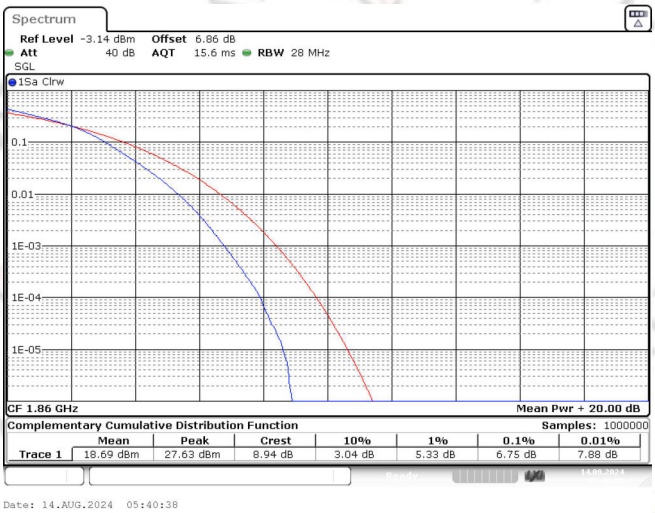
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0

NVNT



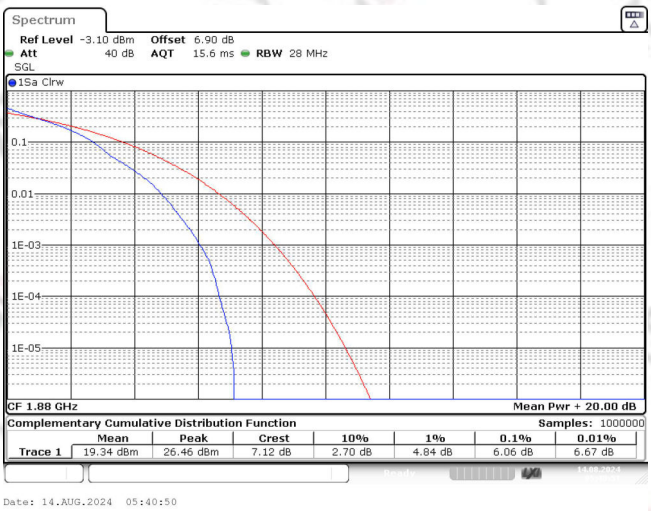
Band2 QAM16 BW=20MHz Channel=18700 RB Size=1 Position=#0

NVNT



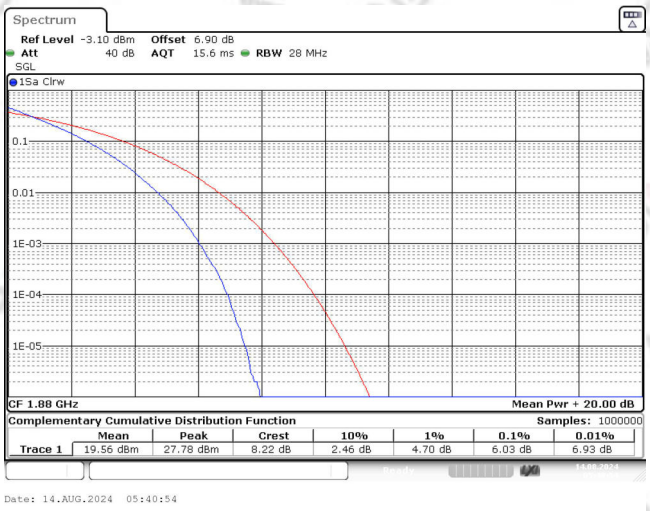
Band2 QAM16 BW=20MHz Channel=18700 RB Size=100 Position=#0

NVNT



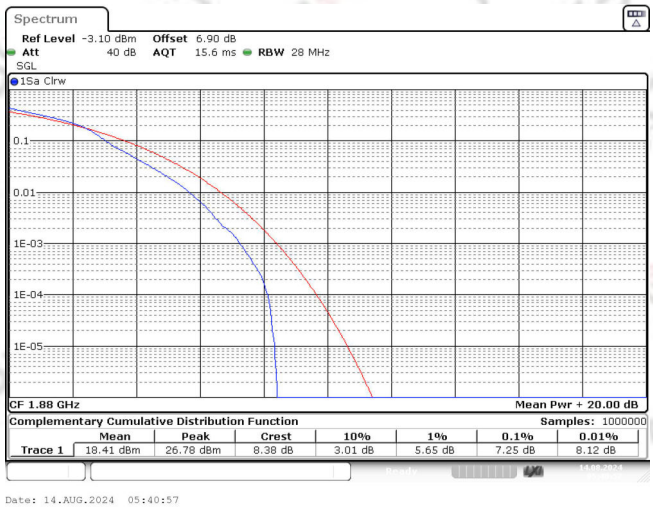
Band2 QPSK BW=20MHz Channel=18900 RB Size=1 Position=#0

NVNT



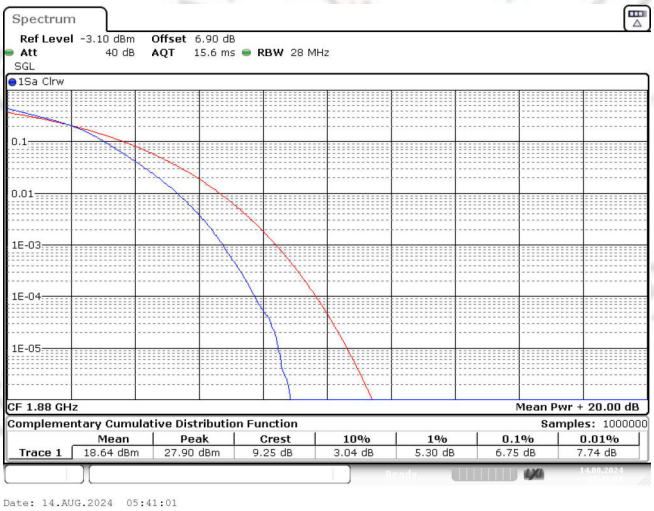
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0

NVNT



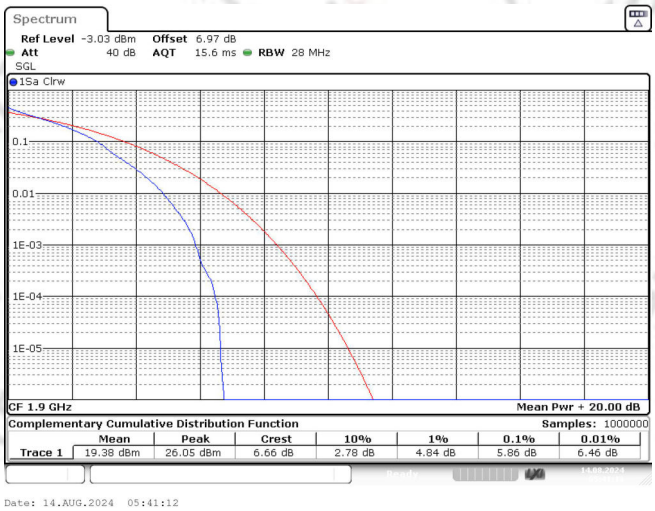
Band2 QAM16 BW=20MHz Channel=18900 RB Size=1 Position=#0

NVNT



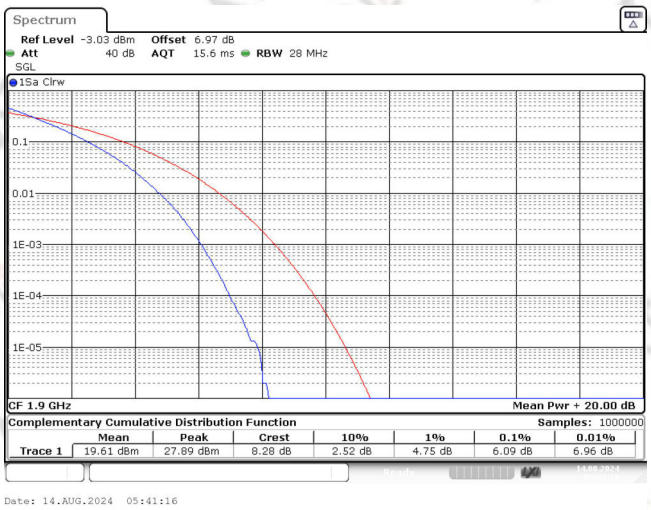
Band2 QAM16 BW=20MHz Channel=18900 RB Size=100 Position=#0

NVNT



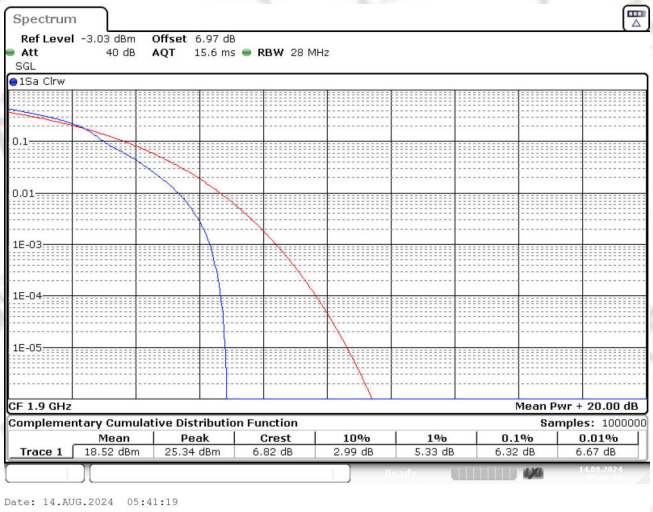
Band2 QPSK BW=20MHz Channel=19100 RB Size=1 Position=#0

NVNT



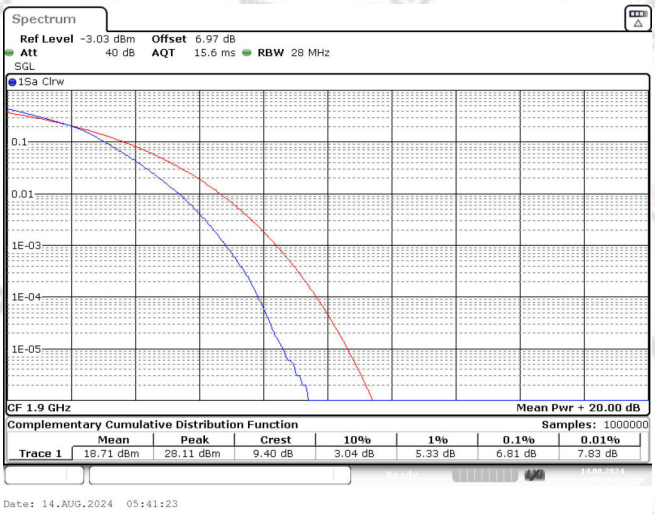
Band2 QPSK BW=20MHz Channel=19100 RB Size=100 Position=#0

NVNT



Band2 QAM16 BW=20MHz Channel=19100 RB Size=1 Position=#0

NVNT

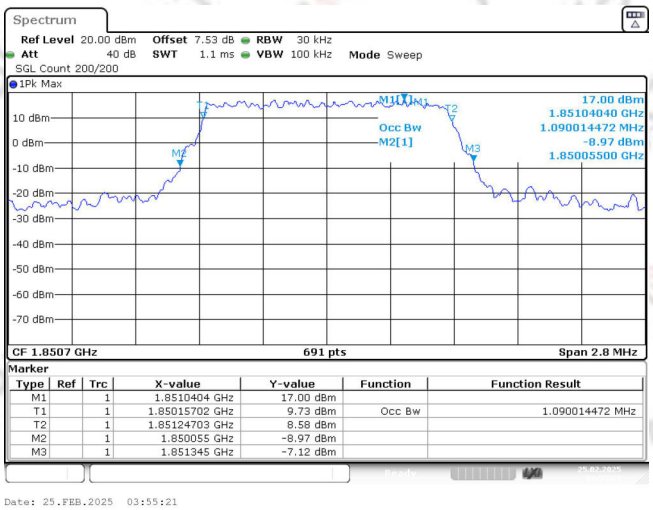


Band2 QAM16 BW=20MHz Channel=19100 RB Size=100 Position=#0

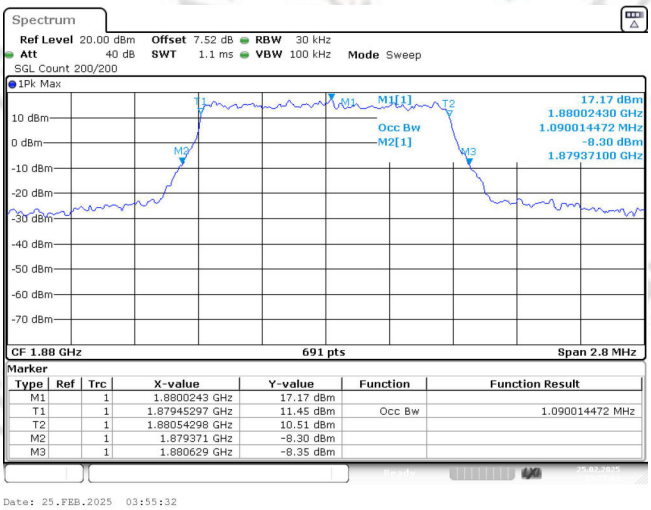
NVNT

04 Occupied bandwidth

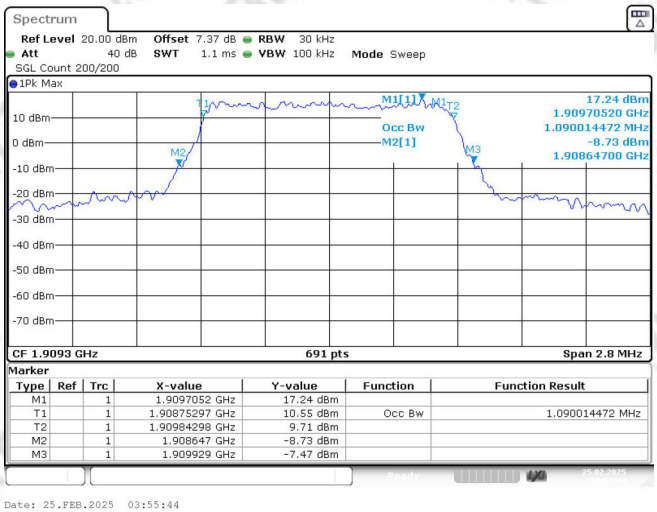
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band2	1.4	18607	6	#0	QAM16	1.090	1.290	PASS
Band2	1.4	18900	6	#0	QAM16	1.090	1.258	PASS
Band2	1.4	19193	6	#0	QAM16	1.090	1.282	PASS
Band2	3	18615	15	#0	QAM16	2.709	2.983	PASS
Band2	3	18900	15	#0	QAM16	2.709	2.974	PASS
Band2	3	19185	15	#0	QAM16	2.718	2.983	PASS
Band2	5	18625	25	#0	QAM16	4.501	4.899	PASS
Band2	5	18900	25	#0	QAM16	4.486	4.913	PASS
Band2	5	19175	25	#0	QAM16	4.501	4.870	PASS
Band2	10	18650	50	#0	QAM16	8.973	9.623	PASS
Band2	10	18900	50	#0	QAM16	8.973	9.739	PASS
Band2	10	19150	50	#0	QAM16	8.973	9.681	PASS
Band2	15	18675	75	#0	QAM16	13.459	14.565	PASS
Band2	15	18900	75	#0	QAM16	13.415	14.391	PASS
Band2	15	19125	75	#0	QAM16	13.502	14.522	PASS
Band2	20	18700	100	#0	QAM16	18.061	19.420	PASS
Band2	20	18900	100	#0	QAM16	18.003	19.188	PASS
Band2	20	19100	100	#0	QAM16	18.119	19.536	PASS
Band2	1.4	18607	6	#0	QPSK	1.086	1.278	PASS
Band2	1.4	18900	6	#0	QPSK	1.090	1.299	PASS
Band2	1.4	19193	6	#0	QPSK	1.102	1.262	PASS
Band2	3	18615	15	#0	QPSK	2.726	2.974	PASS
Band2	3	18900	15	#0	QPSK	2.718	3.000	PASS
Band2	3	19185	15	#0	QPSK	2.726	2.957	PASS
Band2	5	18625	25	#0	QPSK	4.501	4.841	PASS
Band2	5	18900	25	#0	QPSK	4.501	4.812	PASS
Band2	5	19175	25	#0	QPSK	4.501	4.812	PASS
Band2	10	18650	50	#0	QPSK	8.973	9.652	PASS
Band2	10	18900	50	#0	QPSK	8.973	9.710	PASS
Band2	10	19150	50	#0	QPSK	8.973	9.681	PASS
Band2	15	18675	75	#0	QPSK	13.459	14.565	PASS
Band2	15	18900	75	#0	QPSK	13.415	14.565	PASS
Band2	15	19125	75	#0	QPSK	13.415	14.478	PASS
Band2	20	18700	100	#0	QPSK	18.061	19.362	PASS
Band2	20	18900	100	#0	QPSK	18.003	19.246	PASS
Band2	20	19100	100	#0	QPSK	18.119	19.420	PASS



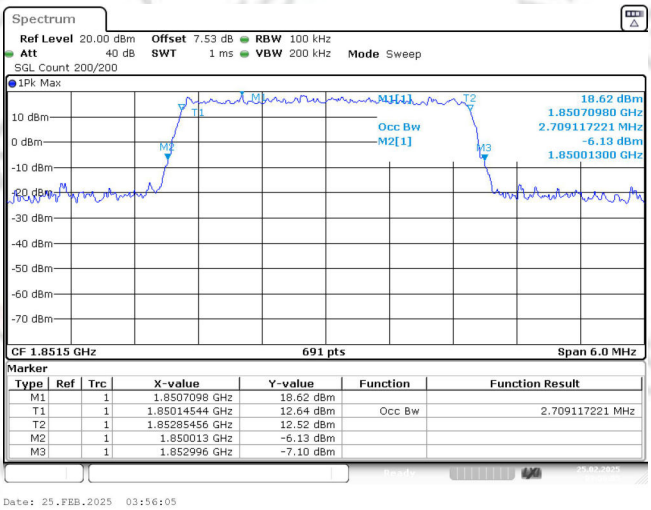
Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0



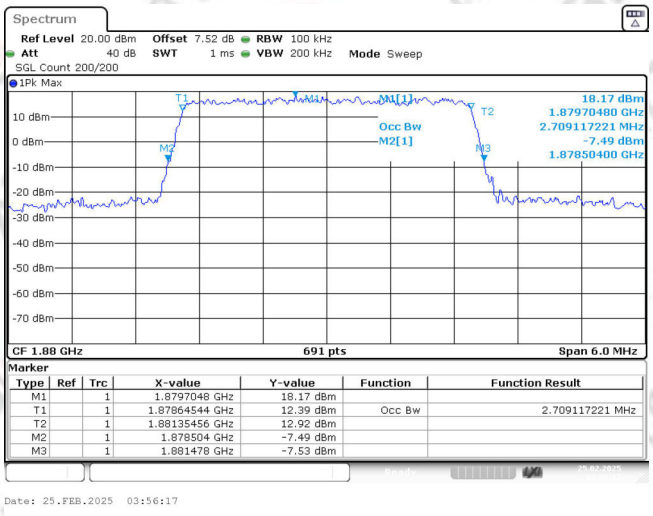
Band2 QAM16 BW=1.4MHz Channel=18900 RB Size=6 Position=#0



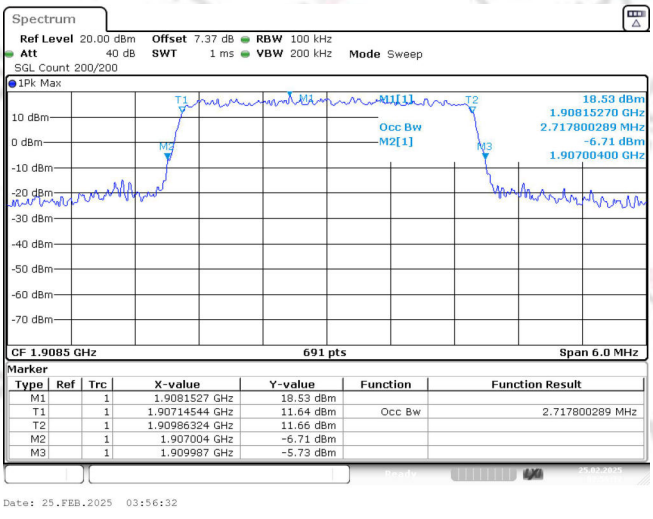
Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0



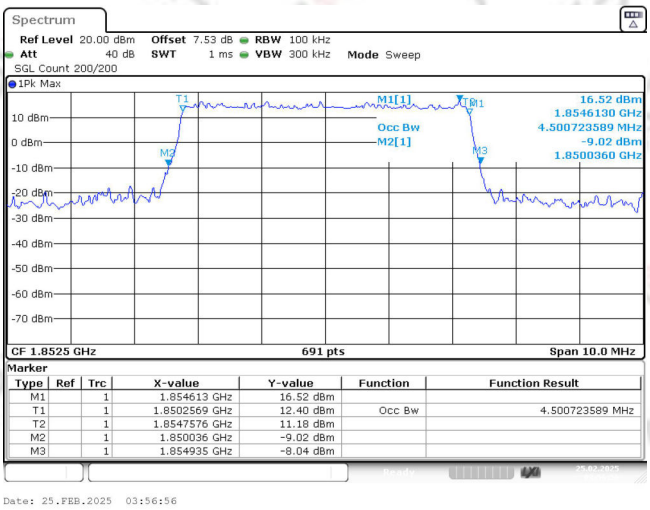
Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0



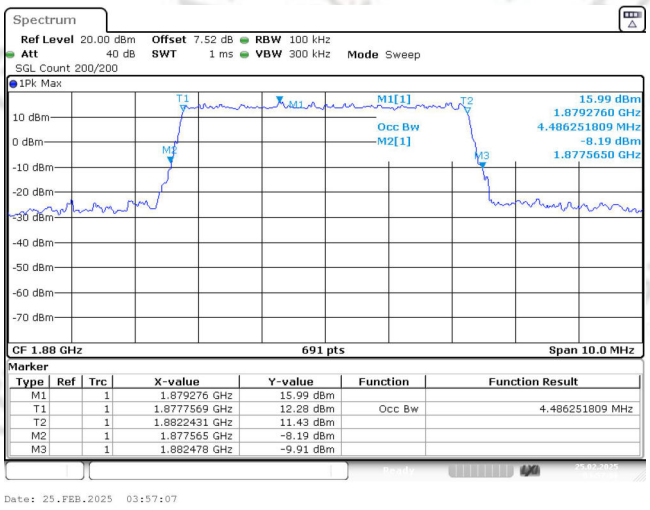
Band2 QAM16 BW=3MHz Channel=18900 RB Size=15 Position=#0



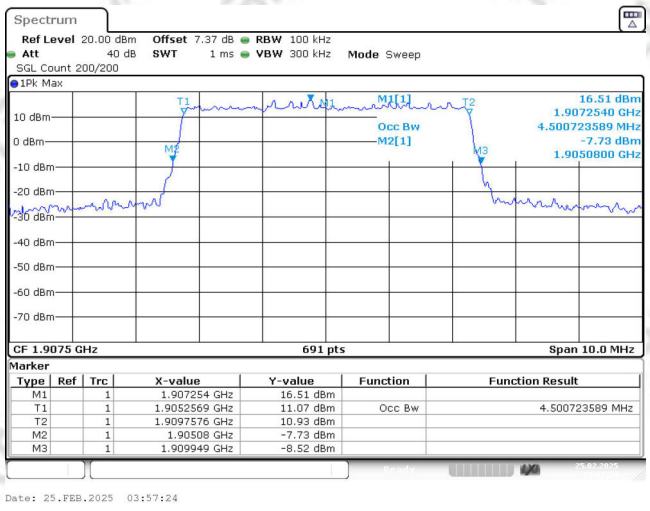
Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0



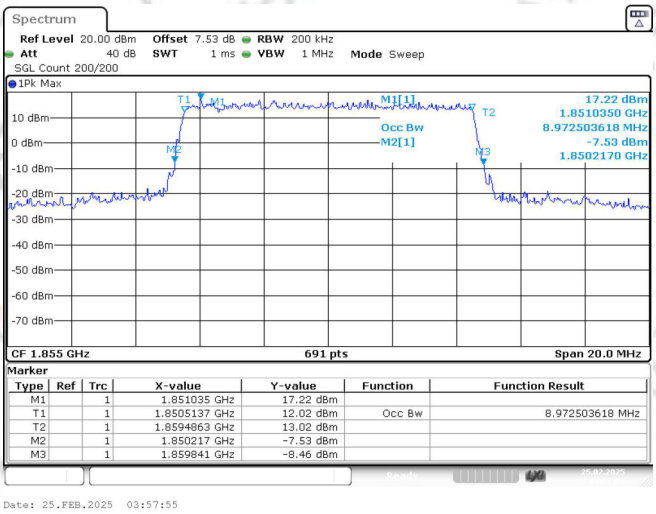
Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0



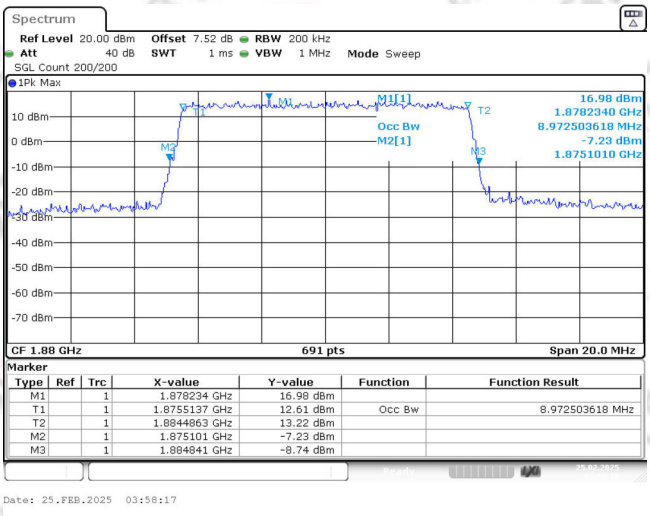
Band2 QAM16 BW=5MHz Channel=18900 RB Size=25 Position=#0



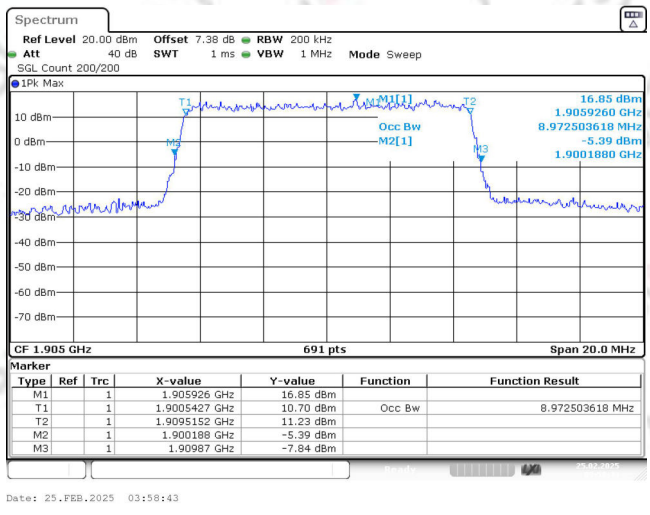
Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0



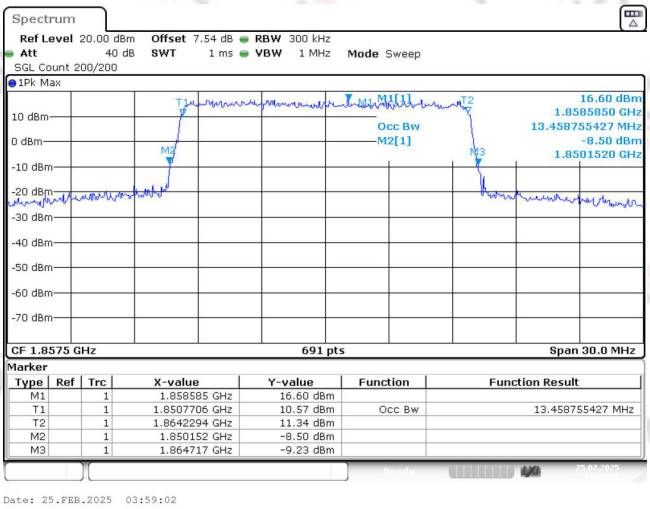
Band2 QAM16 BW=10MHz Channel=18650 RB Size=50 Position=#0



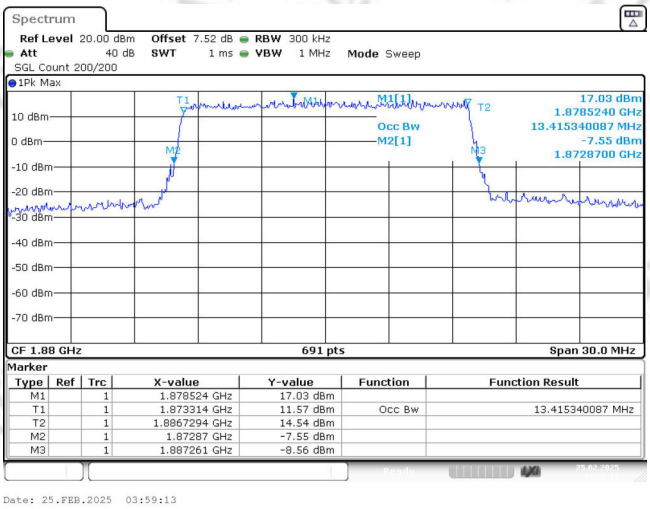
Band2 QAM16 BW=10MHz Channel=18900 RB Size=50 Position=#0



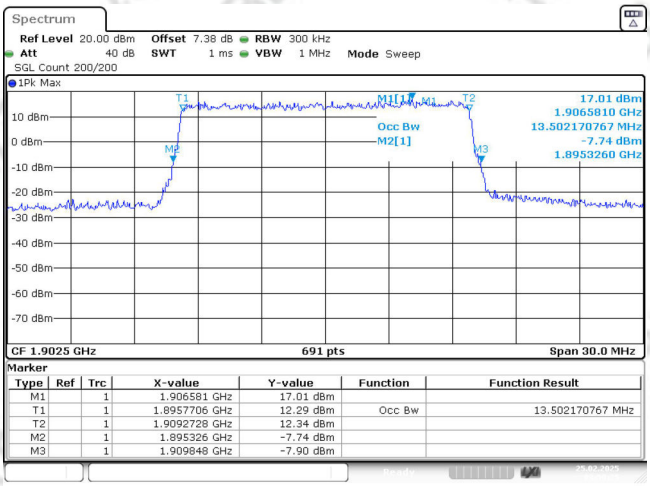
Band2 QAM16 BW=10MHz Channel=19150 RB Size=50 Position=#0



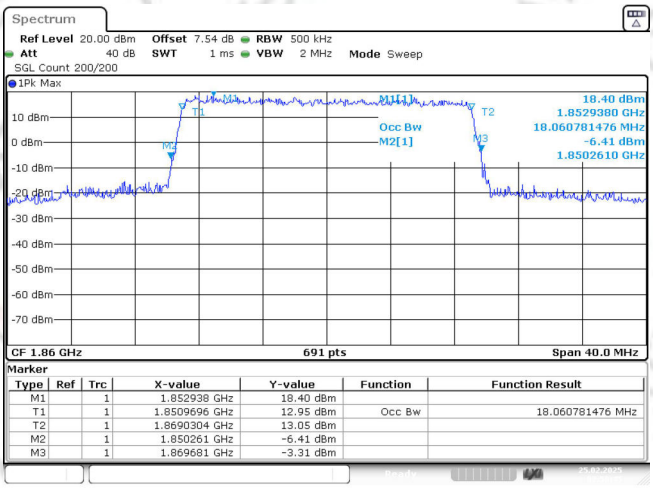
Band2 QAM16 BW=15MHz Channel=18675 RB Size=75 Position=#0



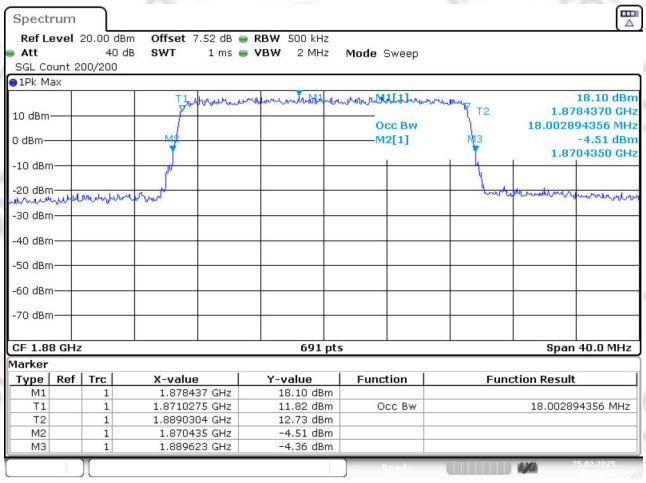
Band2 QAM16 BW=15MHz Channel=18900 RB Size=75 Position=#0



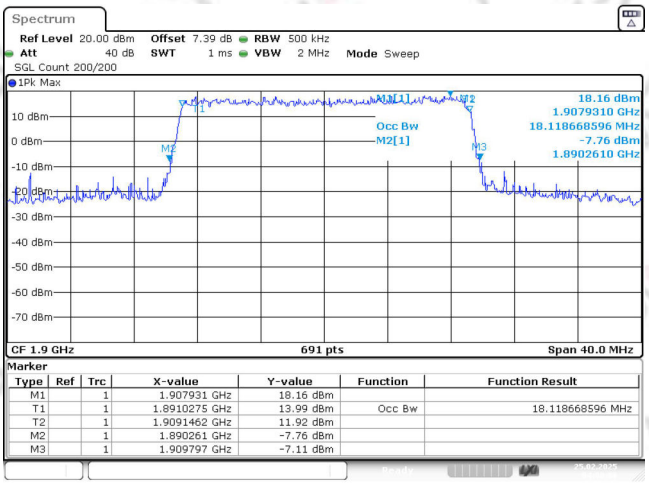
Band2 QAM16 BW=15MHz Channel=19125 RB Size=75 Position=#0



Band2 QAM16 BW=20MHz Channel=18700 RB Size=100 Position=#0

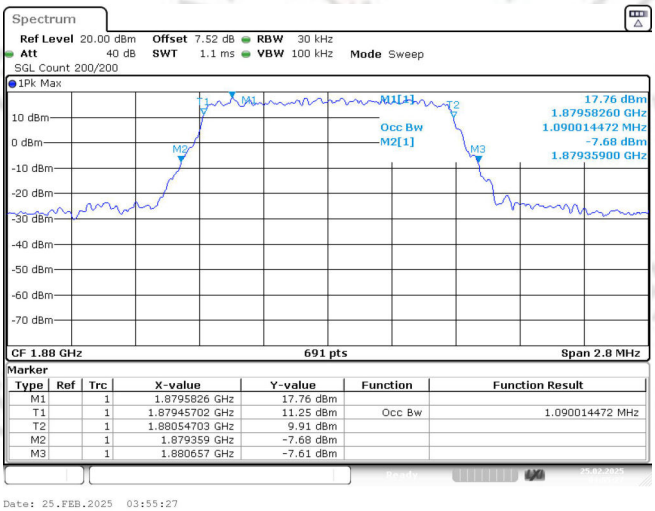


Band2 QAM16 BW=20MHz Channel=18900 RB Size=100 Position=#0

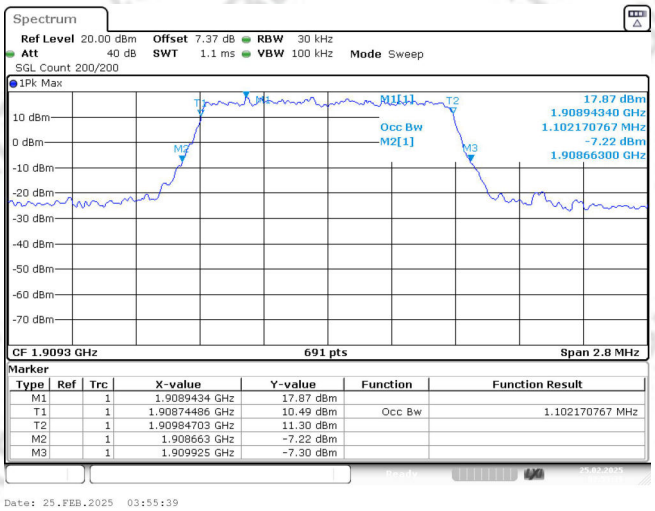


Band2 QAM16 BW=20MHz Channel=19100 RB Size=100 Position=#0

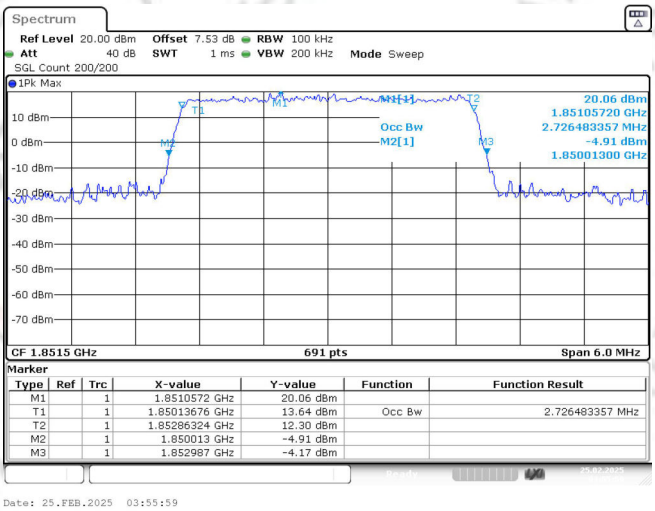
Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



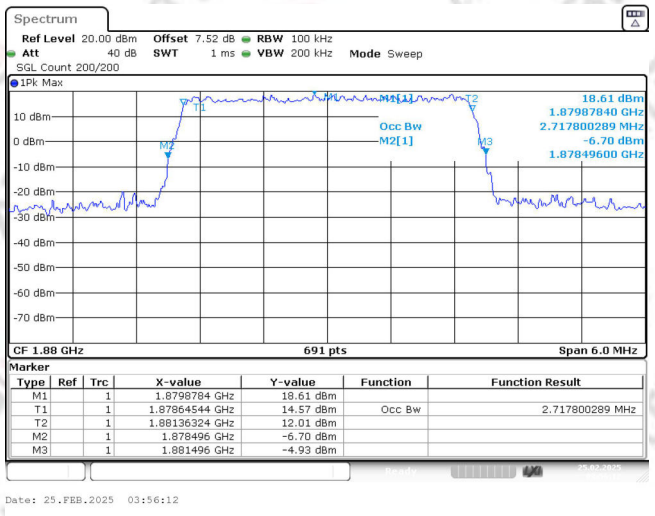
Band2 QPSK BW=1.4MHz Channel=18900 RB Size=6 Position=#0



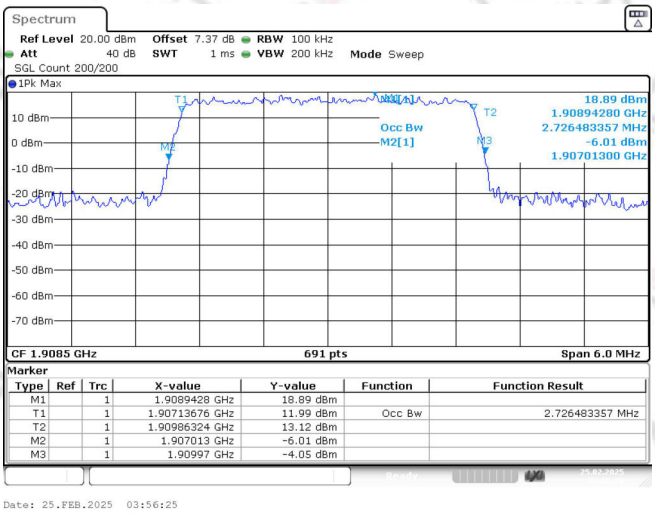
Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0



Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0