

APPENDIX B: TEST RESULTS FOR E-UTRA OPERATING BAND 4

APPENDIX B.1: EFFECTIVE (ISOTROPIC) RADIATED POWER	2
Test Result	2
APPENDIX B.2: PEAK-TO AVERAGE RATIO	7
Test Result	7
Test Graphs.....	9
APPENDIX B.3: 26dB BANDWIDTH AND OCCUPIED BANDWIDTH	39
Test Result	39
Test Graphs.....	40
APPENDIX B.4: BAND EDGE	54
Test Result	54
Test Graphs.....	56
APPENDIX B.5: CONDUCTED SPURIOUS EMISSIONS.....	89
Test Result	89
General:	89
Test Graphs.....	99
General:	99
APPENDIX B.6: FREQUENCY STABILITY.....	347
Test Result	347

APPENDIX B.1: EFFECTIVE (ISOTROPIC) RADIATED POWER

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP (dBm)	Limit(dBm)	Verdict
Band4	15MHz	QPSK	20025	1RB#0	22.82	25.62	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.93	24.73	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.56	25.36	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.52	24.32	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.60	25.4	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.64	24.44	30	PASS
Band4	15MHz	QPSK	20025	38RB#0	21.52	24.32	30	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.47	24.27	30	PASS
Band4	15MHz	QPSK	20025	38RB#18	21.52	24.32	30	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.48	24.28	30	PASS
Band4	15MHz	QPSK	20025	38RB#37	21.45	24.25	30	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.41	24.21	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.53	25.33	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.43	24.23	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.59	25.39	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.91	24.71	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.45	25.25	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.38	24.18	30	PASS
Band4	15MHz	QPSK	20175	38RB#0	21.49	24.29	30	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.46	24.26	30	PASS
Band4	15MHz	QPSK	20175	38RB#18	21.43	24.23	30	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.51	24.31	30	PASS
Band4	15MHz	QPSK	20175	38RB#37	21.49	24.29	30	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.47	24.27	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.56	25.36	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.65	24.45	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.49	25.29	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.54	24.34	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.09	24.89	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.43	24.23	30	PASS
Band4	15MHz	QPSK	20325	38RB#0	21.49	24.29	30	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.59	24.39	30	PASS
Band4	15MHz	QPSK	20325	38RB#18	21.58	24.38	30	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.57	24.37	30	PASS
Band4	15MHz	QPSK	20325	38RB#37	21.57	24.37	30	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.56	24.36	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.45	25.25	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.68	24.48	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.93	25.73	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.27	25.07	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.70	25.5	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.71	24.51	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.60	25.4	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.12	24.92	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.76	25.56	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.67	25.47	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.56	25.36	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.12	24.92	30	PASS

Band4	20MHz	QPSK	20300	1RB#0	22.70	25.5	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.52	24.32	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.12	25.92	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.72	24.52	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.45	25.25	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.34	24.14	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.53	24.33	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.72	24.52	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.72	24.52	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.40	24.2	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.58	24.38	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.56	24.36	30	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.40	24.2	30	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.47	24.27	30	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.59	24.39	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.51	24.31	30	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.55	24.35	30	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.61	24.41	30	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.64	24.44	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.62	24.42	30	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.72	24.52	30	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.68	24.48	30	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.63	24.43	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.72	24.52	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.19	24.99	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.00	23.8	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.38	25.18	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.41	24.21	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.35	25.15	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.23	24.03	30	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.44	24.24	30	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.45	23.25	30	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.44	24.24	30	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.45	23.25	30	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.48	24.28	30	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.38	23.18	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.53	24.33	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.45	23.25	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.47	25.27	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.49	24.29	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.86	25.66	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.63	24.43	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.51	25.31	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.67	24.47	30	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.60	24.4	30	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.68	23.48	30	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.61	24.41	30	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.68	23.48	30	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.62	24.42	30	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.70	23.5	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.55	24.35	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.42	23.22	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.46	25.26	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.54	24.34	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.63	25.43	30	PASS

Band4	5MHz	16QAM	20375	1RB#12	21.57	24.37	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.49	25.29	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.55	24.35	30	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.57	24.37	30	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.52	23.32	30	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.49	24.29	30	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.43	23.23	30	PASS
Band4	5MHz	QPSK	20375	12RB#13	21.54	24.34	30	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.50	23.3	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.47	24.27	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.63	23.43	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	22.23	25.03	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.32	24.12	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.33	25.13	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.53	24.33	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.14	24.94	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.60	24.4	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.29	25.09	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.03	23.83	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.28	25.08	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.22	24.02	30	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.39	25.19	30	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.17	23.97	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.35	24.15	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.38	23.18	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.50	25.3	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.38	24.18	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.68	25.48	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.57	24.37	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.53	25.33	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.41	24.21	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.52	25.32	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.40	24.2	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.80	25.6	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	21.55	24.35	30	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.62	25.42	30	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.59	24.39	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.66	24.46	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.54	23.34	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.62	25.42	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.83	24.63	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.51	25.31	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.55	24.35	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.45	25.25	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.66	24.46	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.61	25.41	30	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.32	24.12	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.62	25.42	30	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.33	24.13	30	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.59	25.39	30	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.49	24.29	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.61	24.41	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.76	23.56	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.33	25.13	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.43	24.23	30	PASS

Band4	3MHz	QPSK	19965	1RB#8	22.39	25.19	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.53	24.33	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.31	25.11	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.42	24.22	30	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.50	24.3	30	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.45	23.25	30	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.50	24.3	30	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.44	23.24	30	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.43	24.23	30	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.47	23.27	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.44	24.24	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.30	23.1	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.52	25.32	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.74	24.54	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.50	25.3	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.56	24.36	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.87	25.67	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.50	24.3	30	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.67	24.47	30	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.69	23.49	30	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.67	24.47	30	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.68	23.48	30	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.65	24.45	30	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.36	23.16	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.61	24.41	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.53	23.33	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.54	25.34	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.53	24.33	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.55	25.35	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.78	24.58	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	22.43	25.23	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.67	24.47	30	PASS
Band4	3MHz	QPSK	20385	8RB#0	21.50	24.3	30	PASS
Band4	3MHz	16QAM	20385	8RB#0	20.33	23.13	30	PASS
Band4	3MHz	QPSK	20385	8RB#4	21.53	24.33	30	PASS
Band4	3MHz	16QAM	20385	8RB#4	20.34	23.14	30	PASS
Band4	3MHz	QPSK	20385	8RB#7	21.50	24.3	30	PASS
Band4	3MHz	16QAM	20385	8RB#7	20.53	23.33	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.40	24.2	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.25	23.05	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	21.92	24.72	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.32	24.12	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.59	25.39	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.00	24.8	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.15	24.95	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.35	24.15	30	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.53	24.33	30	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.62	23.42	30	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.54	24.34	30	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.52	23.32	30	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.43	24.23	30	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.32	23.12	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.44	25.24	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.49	24.29	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.82	25.62	30	PASS

Band4	10MHz	16QAM	20175	1RB#24	21.99	24.79	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.30	25.1	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.39	24.19	30	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.59	24.39	30	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.72	23.52	30	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.58	24.38	30	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.70	23.5	30	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.57	24.37	30	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.60	23.4	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.68	25.48	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.84	24.64	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.05	25.85	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.41	25.21	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.63	25.43	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.83	24.63	30	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.72	24.52	30	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.75	23.55	30	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.65	24.45	30	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.68	23.48	30	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.56	24.36	30	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.50	23.3	30	PASS

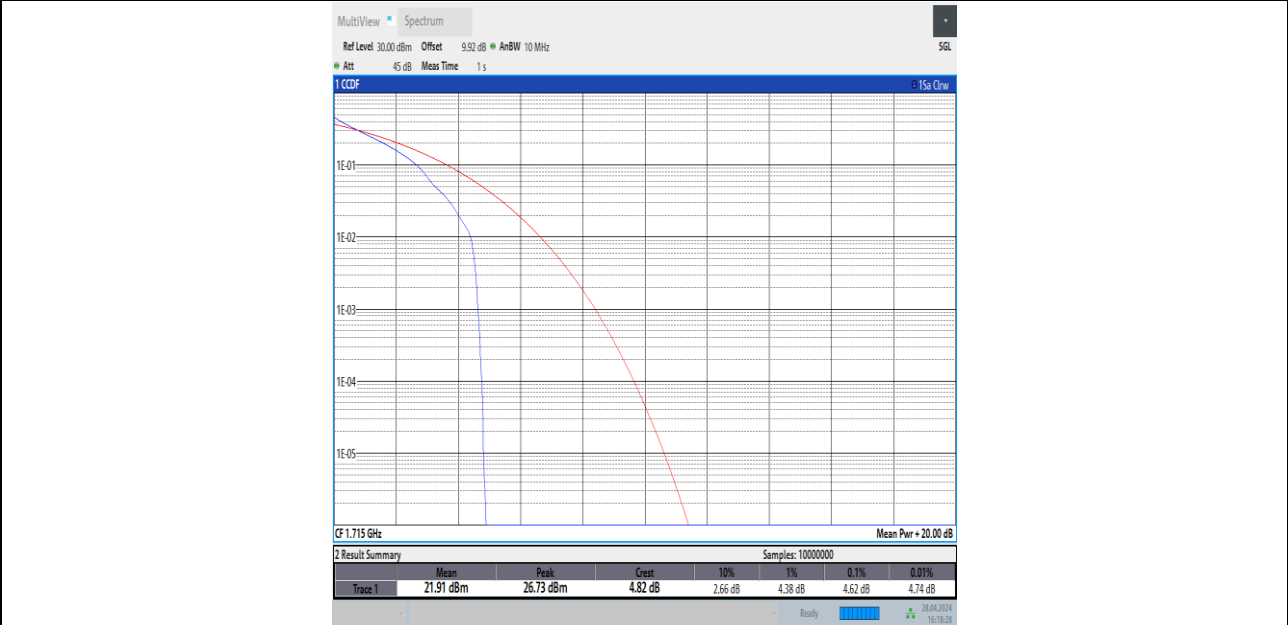
APPENDIX B.2: PEAK-TO AVERAGE RATIO

Test Result

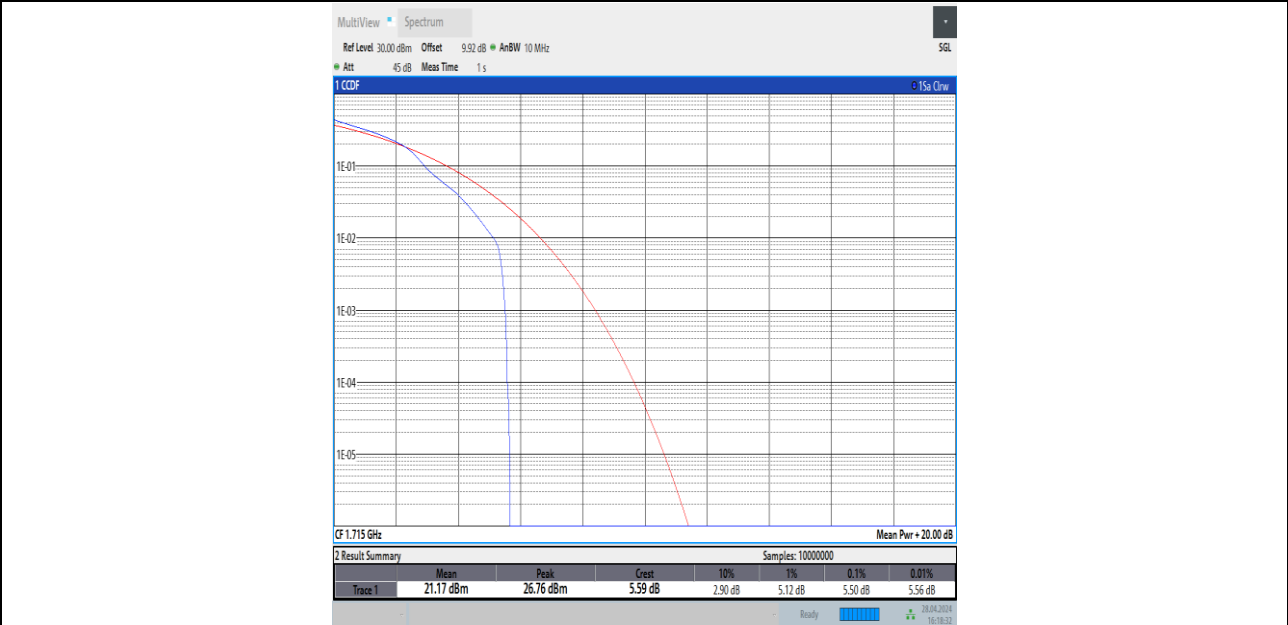
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	10MHz	QPSK	20000	1RB#0	4.62	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	5.50	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	4.86	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.76	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	4.50	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	5.64	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	5.28	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.22	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.06	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	4.58	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	5.46	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	4.80	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	5.68	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	4.72	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	5.66	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	4.62	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	4.80	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	4.84	13	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	4.68	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.60	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	5.24	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	6.18	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	4.82	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.90	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.38	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.30	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	4.46	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	5.38	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	5.10	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.98	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	5.44	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.50	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	5.22	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	4.70	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.74	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	5.30	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	6.18	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	4.94	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.78	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.42	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.28	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	4.50	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	5.50	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	5.28	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	6.08	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	5.28	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.34	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	5.08	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	4.62	13	PASS

Band4	5MHz	16QAM	19975	1RB#0	5.60	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	5.26	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	6.06	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	4.80	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.80	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.38	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.22	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	4.50	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	5.26	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	5.18	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.94	13	PASS

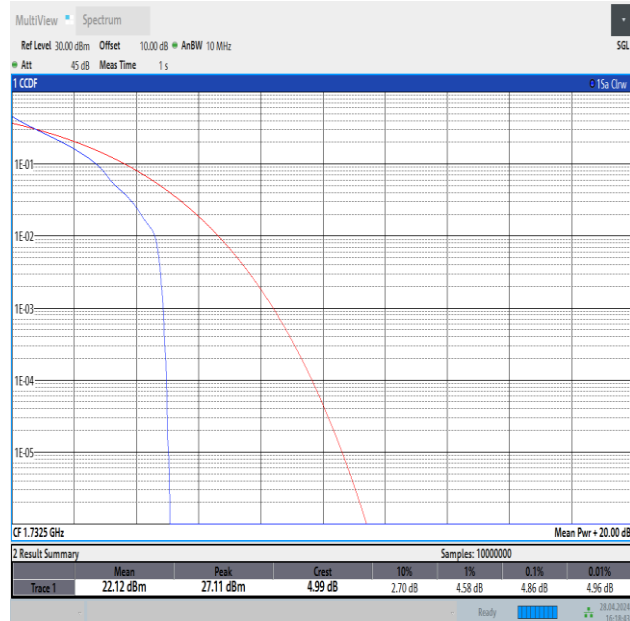
Test Graphs



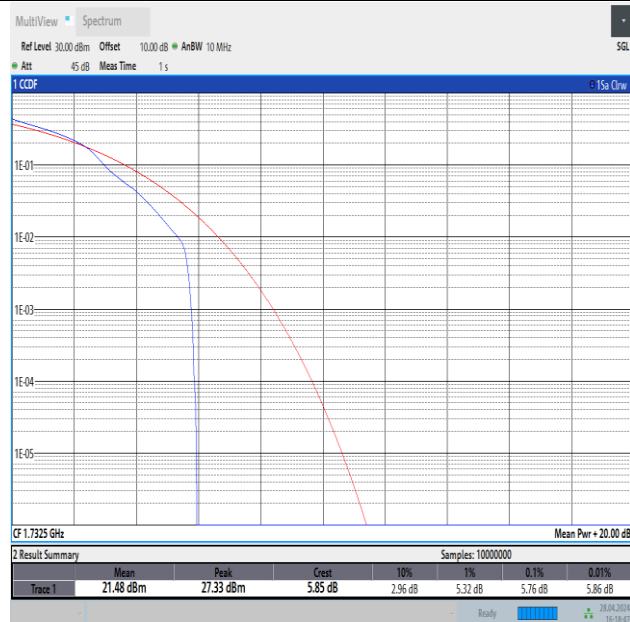
Band4-10MHz-QPSK-20000-1RB#0-PASS



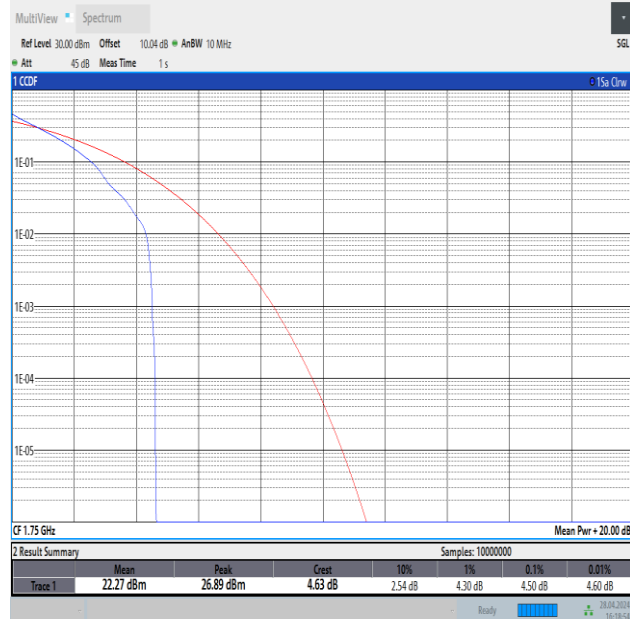
Band4-10MHz-16QAM-20000-1RB#0-PASS



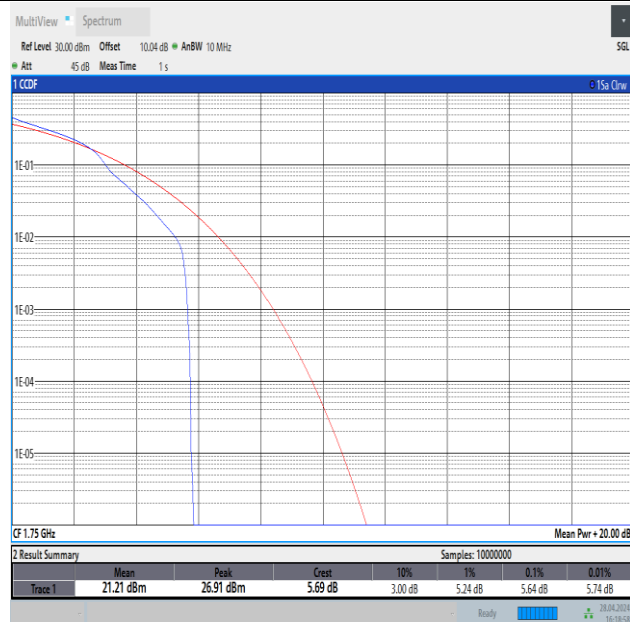
Band4-10MHz-QPSK-20175-1RB#0-PASS



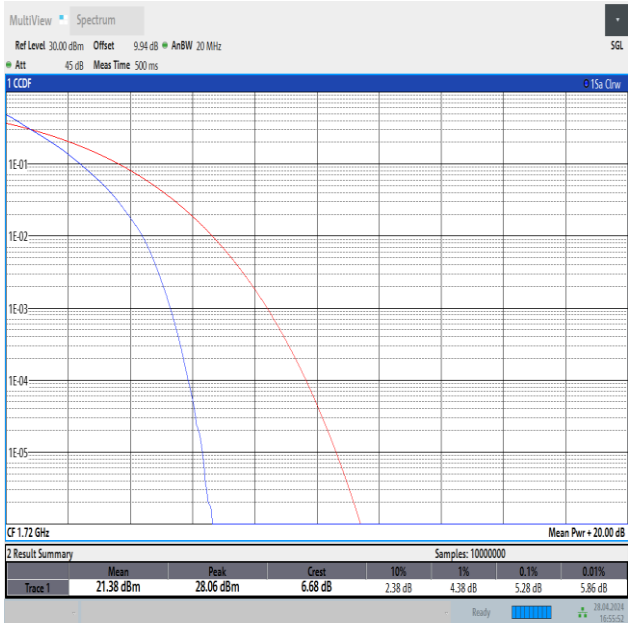
Band4-10MHz-16QAM-20175-1RB#0-PASS



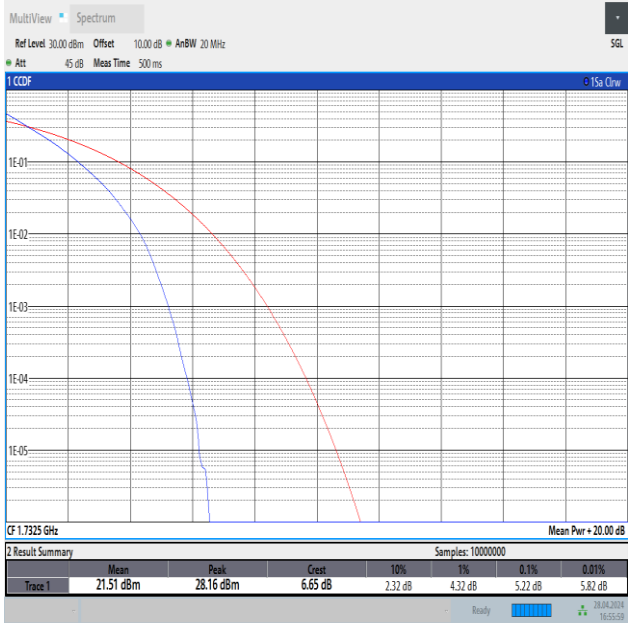
Band4-10MHz-QPSK-20350-1RB#0-PASS



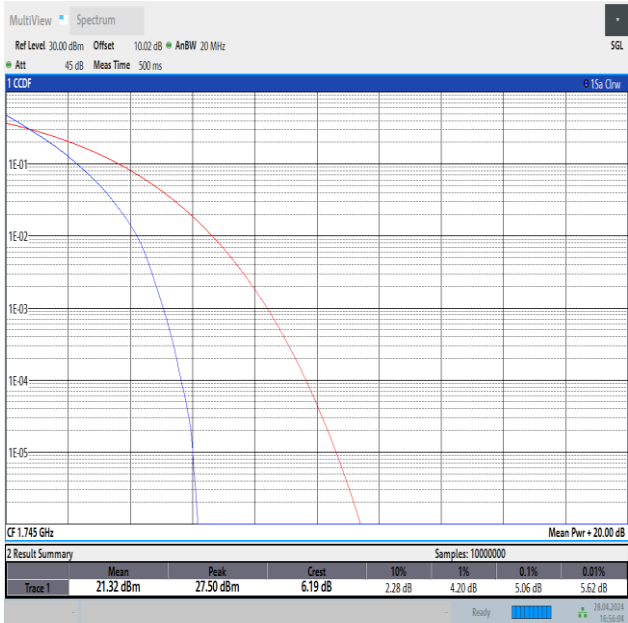
Band4-10MHz-16QAM-20350-1RB#0-PASS



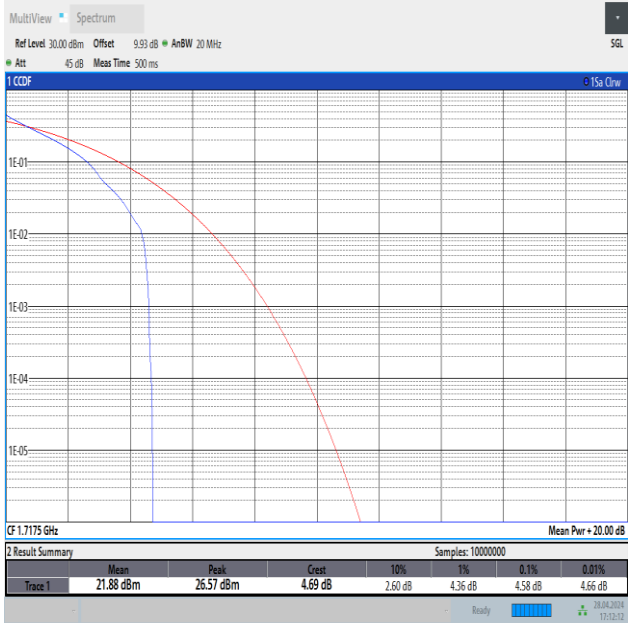
Band4-20MHz-QPSK-20050-100RB#0-PASS



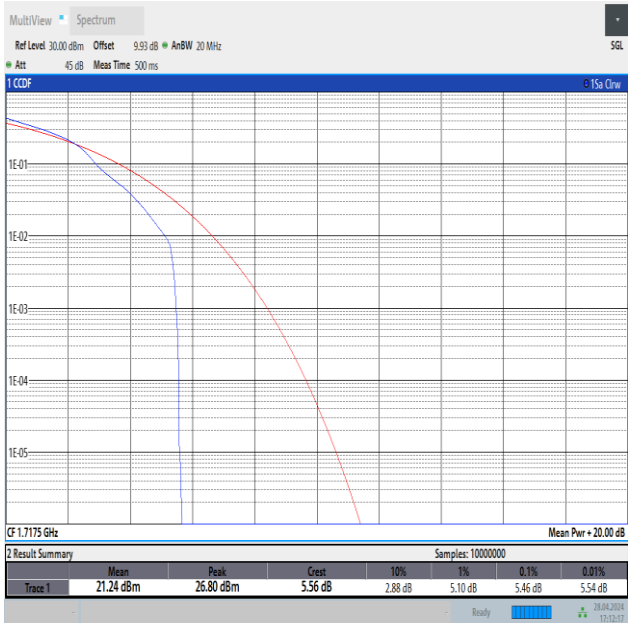
Band4-20MHz-QPSK-20175-100RB#0-PASS



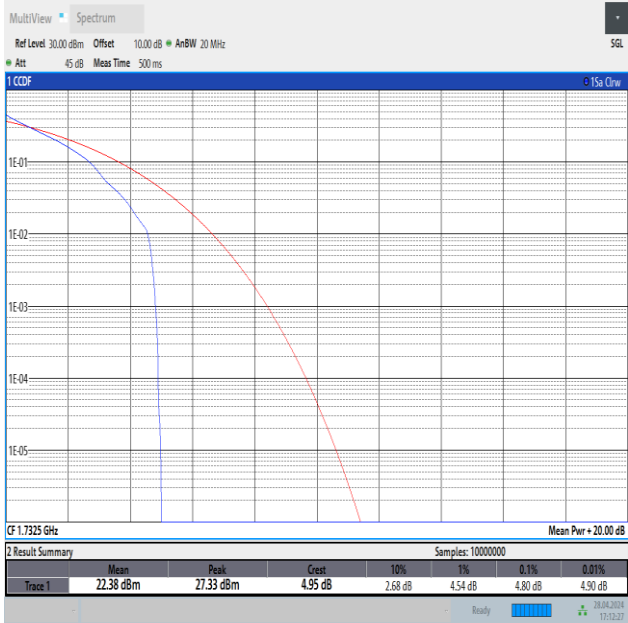
Band4-20MHz-QPSK-20300-100RB#0-PASS



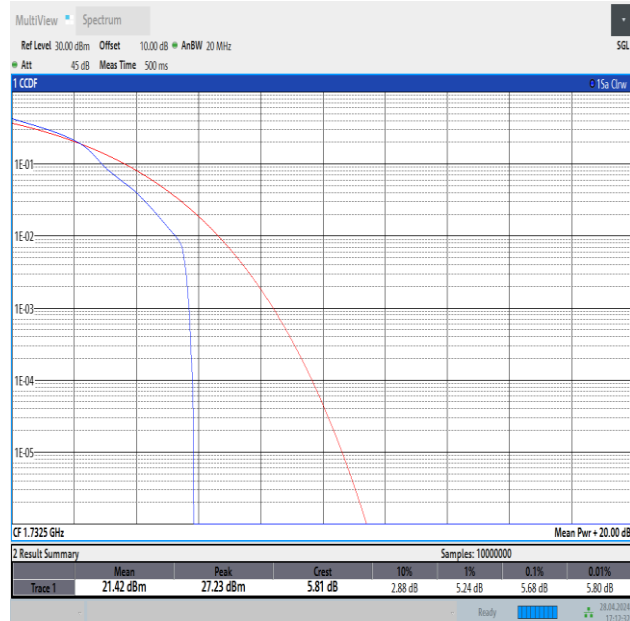
Band4-15MHz-QPSK-20025-1RB#0-PASS



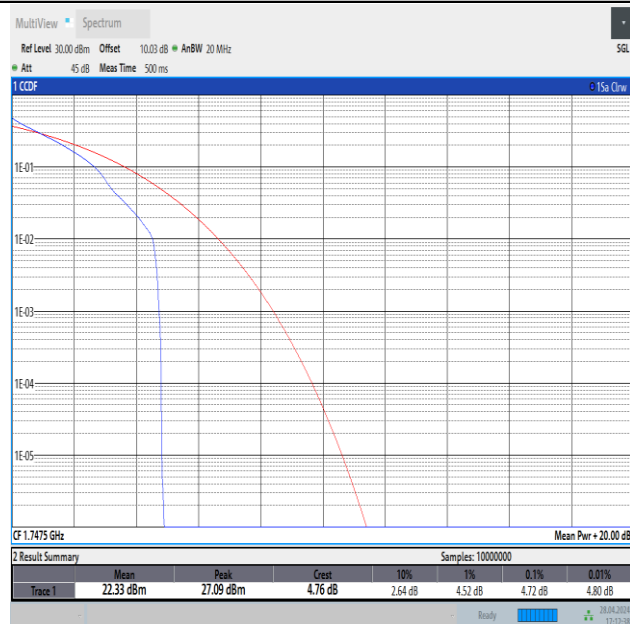
Band4-15MHz-16QAM-20025-1RB#0-PASS



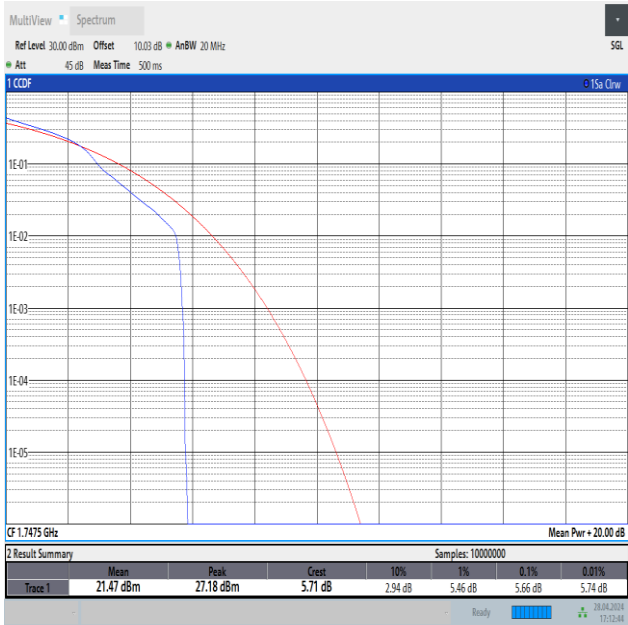
Band4-15MHz-QPSK-20175-1RB#0-PASS



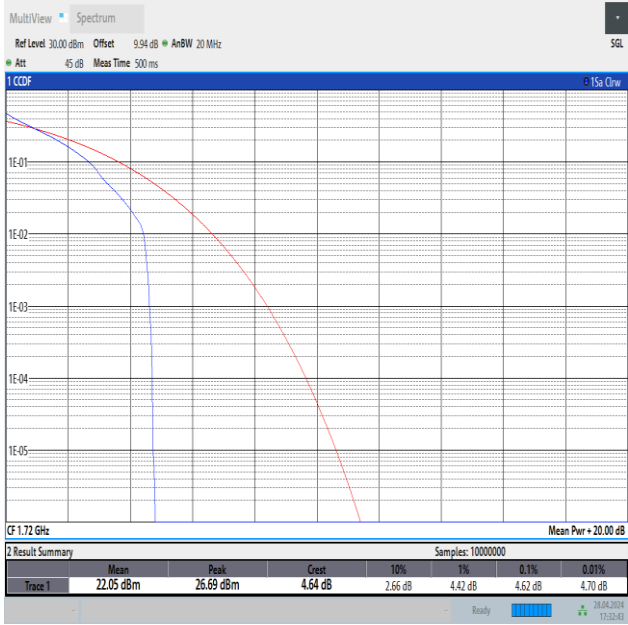
Band4-15MHz-16QAM-20175-1RB#0-PASS



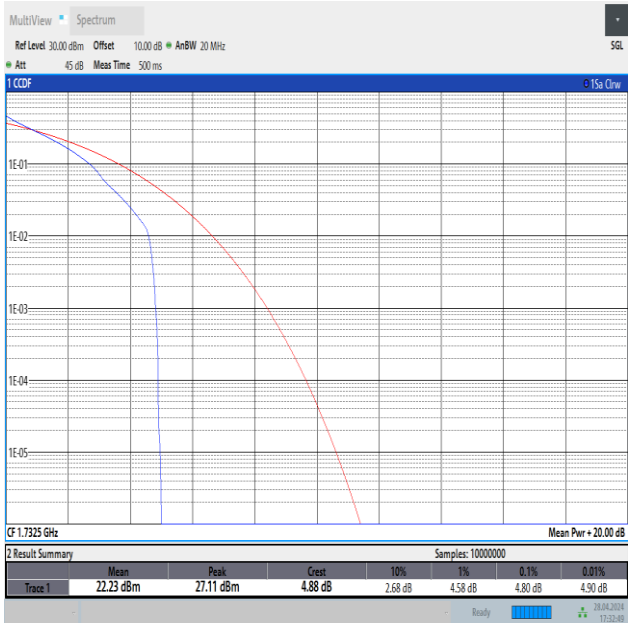
Band4-15MHz-QPSK-20325-1RB#0-PASS



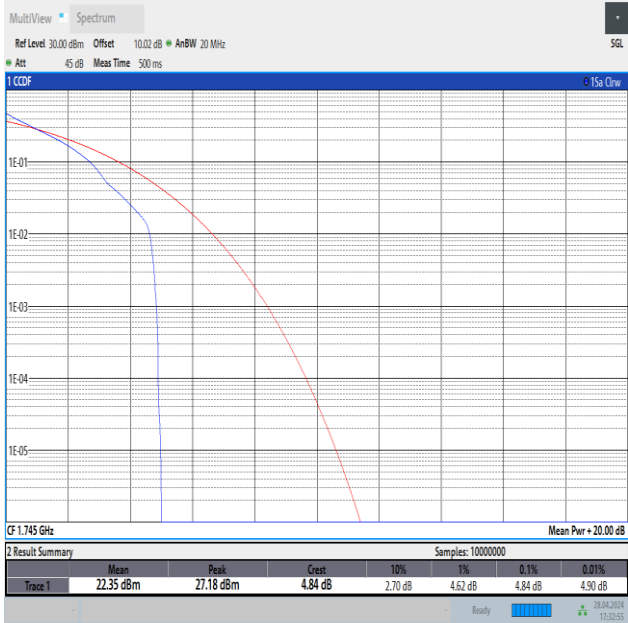
Band4-15MHz-16QAM-20325-1RB#0-PASS



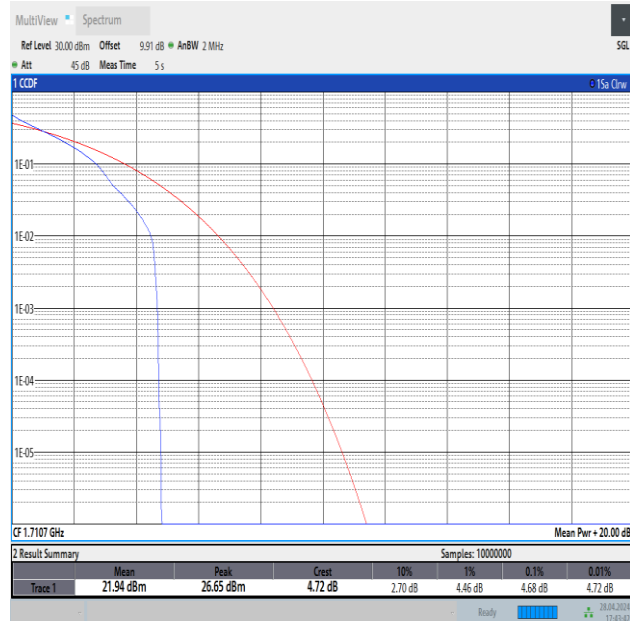
Band4-20MHz-QPSK-20050-1RB#0-PASS



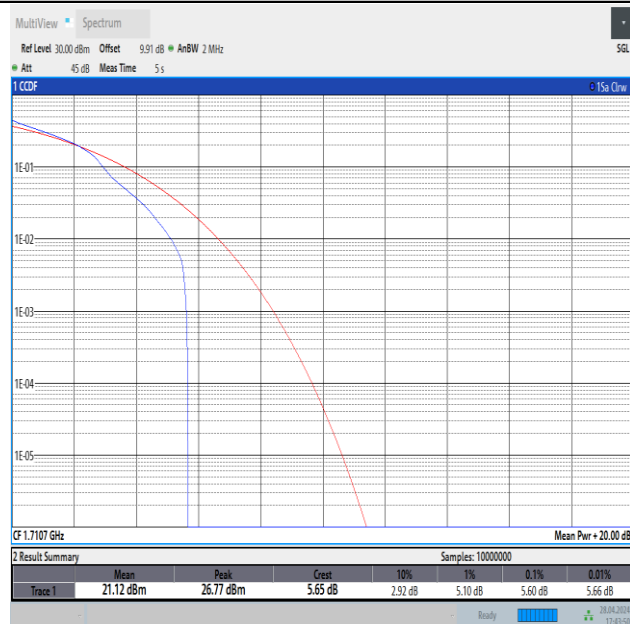
Band4-20MHz-QPSK-20175-1RB#0-PASS



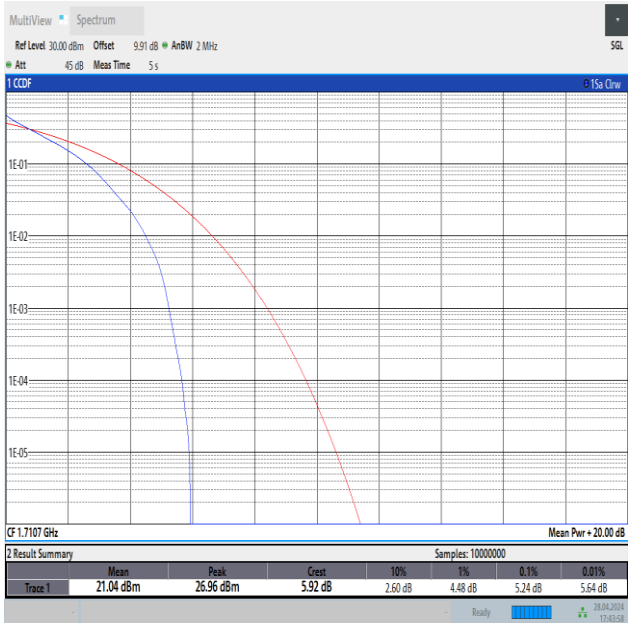
Band4-20MHz-QPSK-20300-1RB#0-PASS



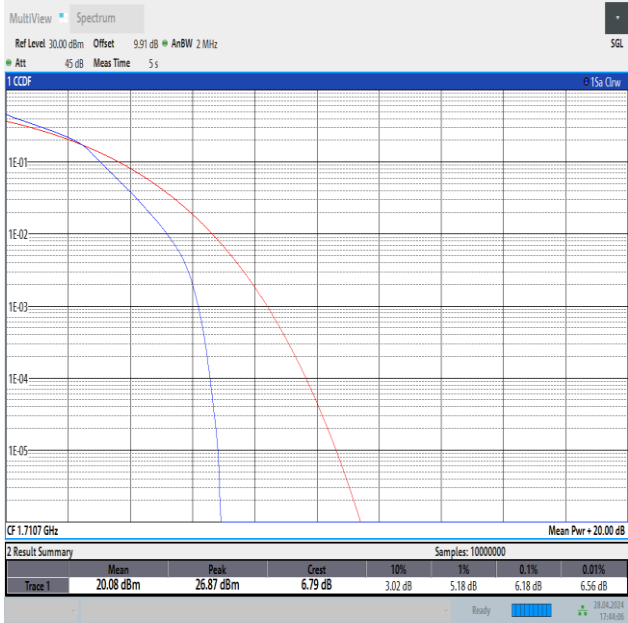
Band4-1.4MHz-QPSK-19957-1RB#0-PASS



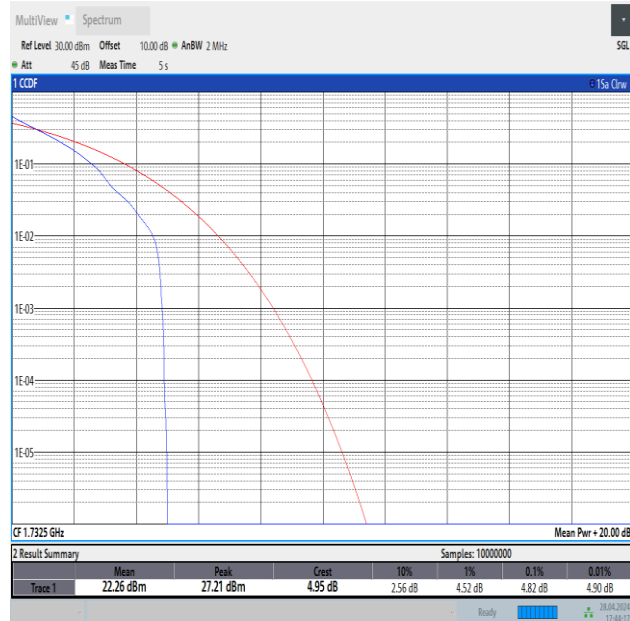
Band4-1.4MHz-16QAM-19957-1RB#0-PASS



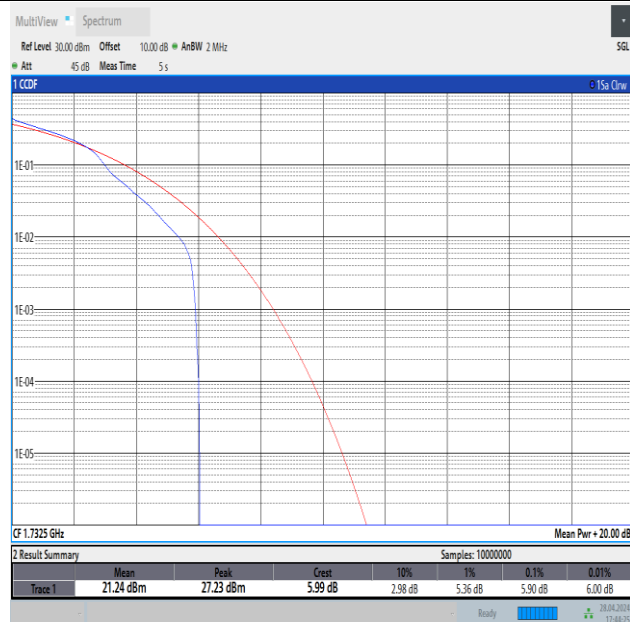
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



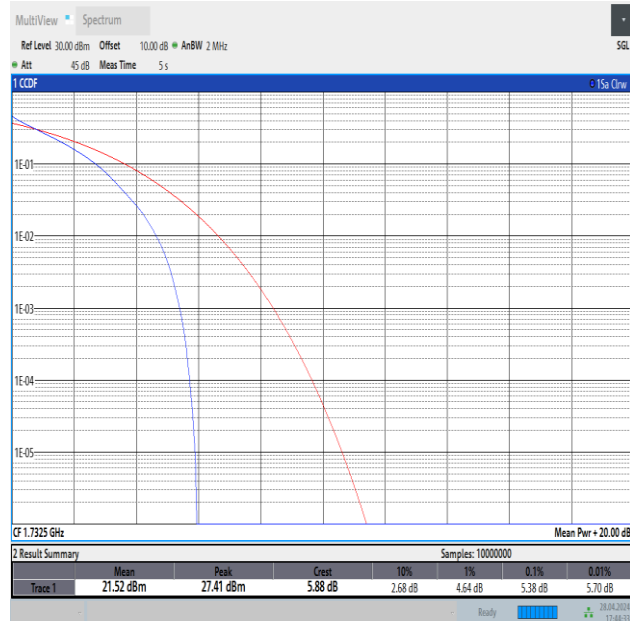
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



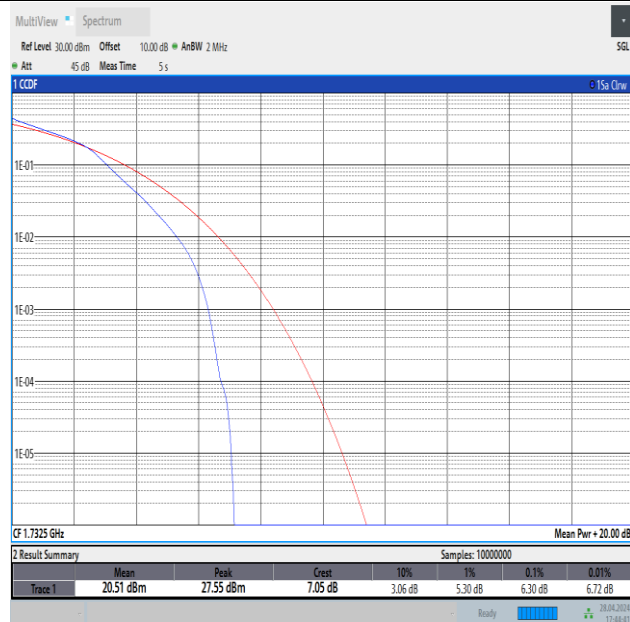
Band4-1.4MHz-QPSK-20175-1RB#0-PASS



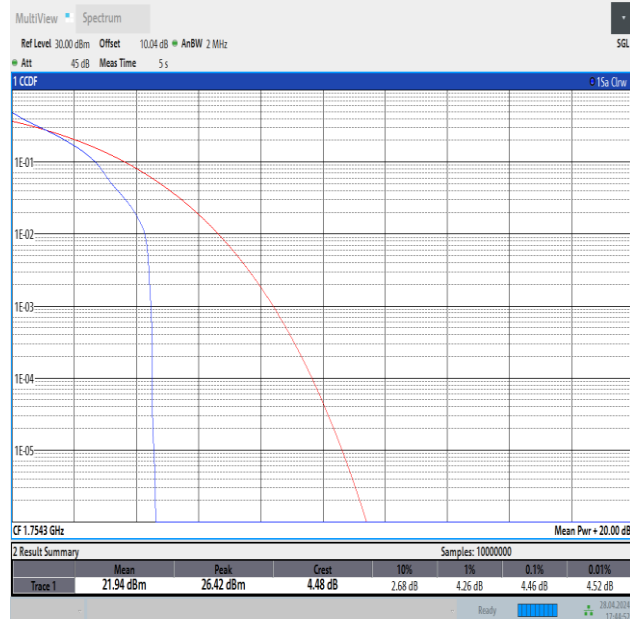
Band4-1.4MHz-16QAM-20175-1RB#0-PASS



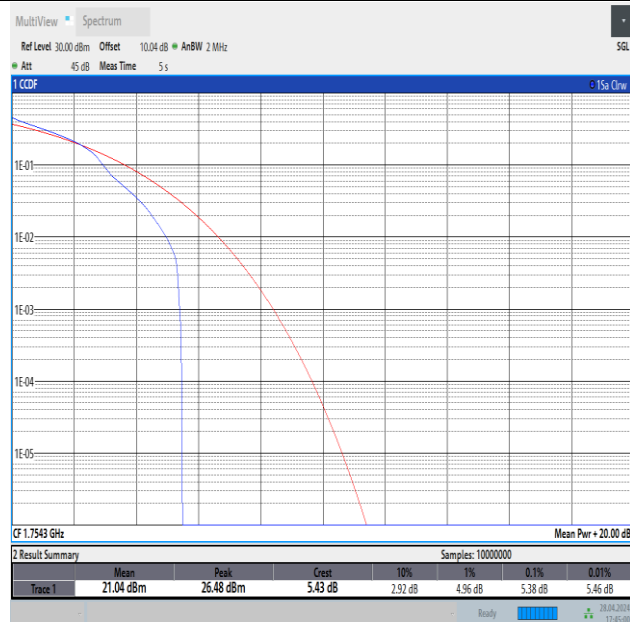
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



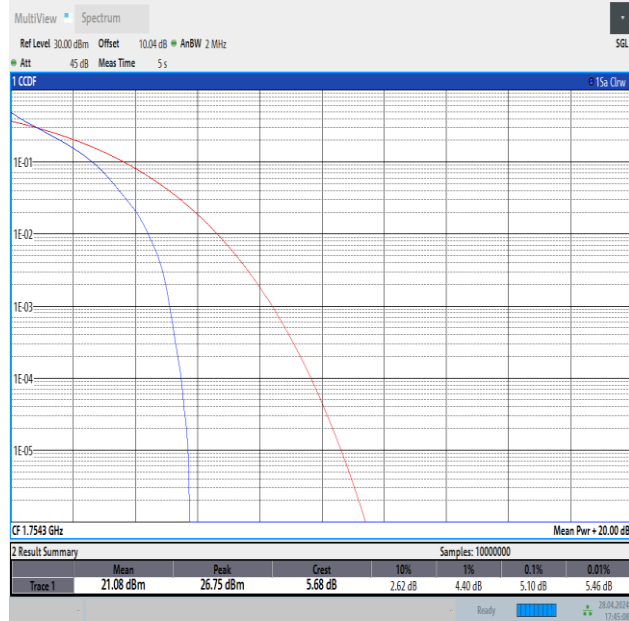
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



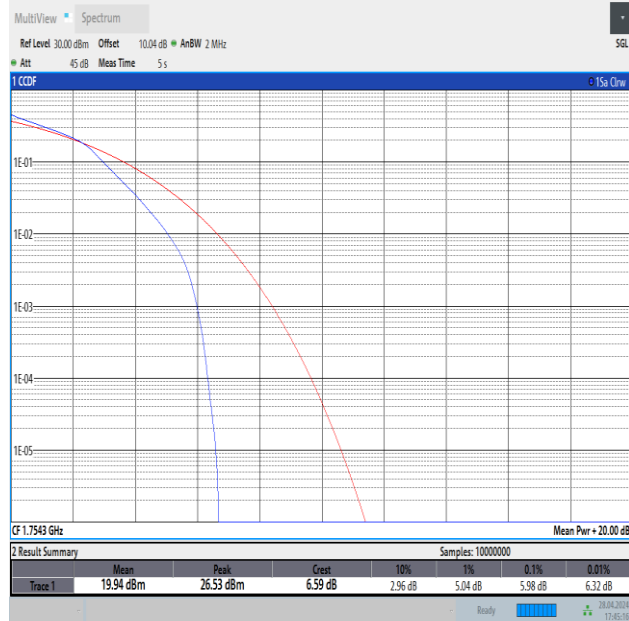
Band4-1.4MHz-QPSK-20393-1RB#0-PASS



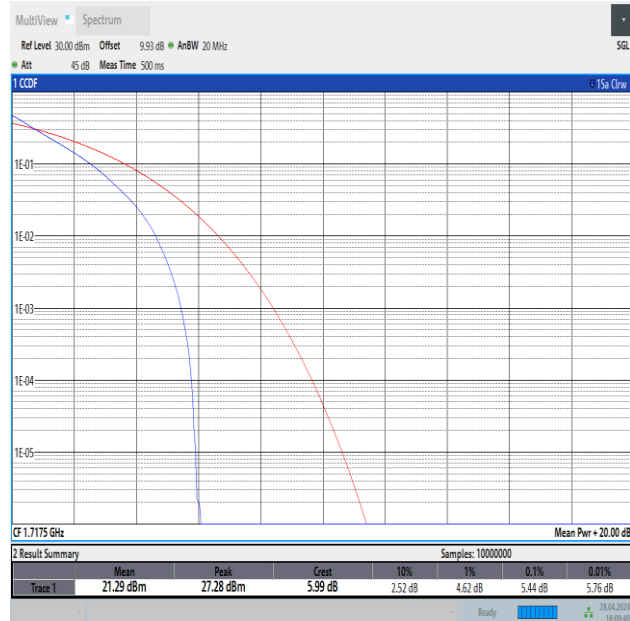
Band4-1.4MHz-16QAM-20393-1RB#0-PASS



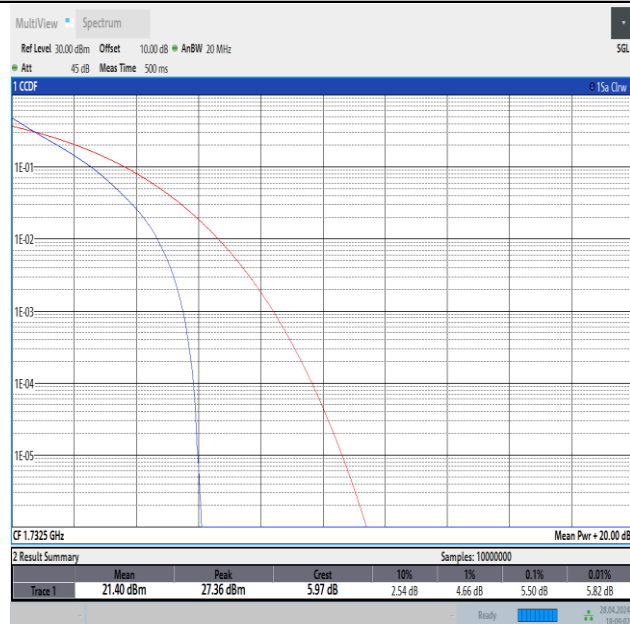
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



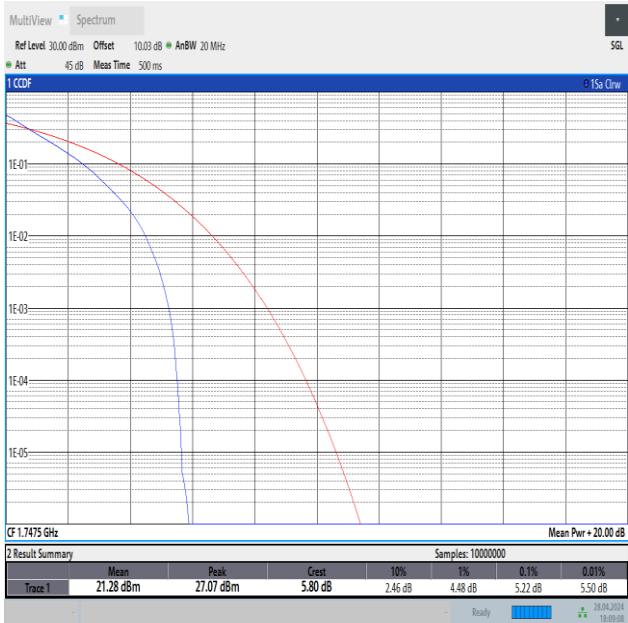
Band4-1.4MHz-16QAM-20393-6RB#0-PASS



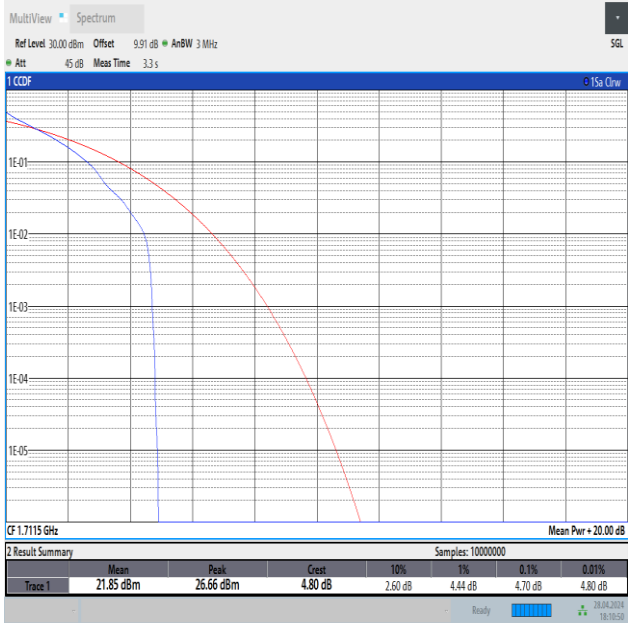
Band4-15MHz-QPSK-20025-75RB#0-PASS



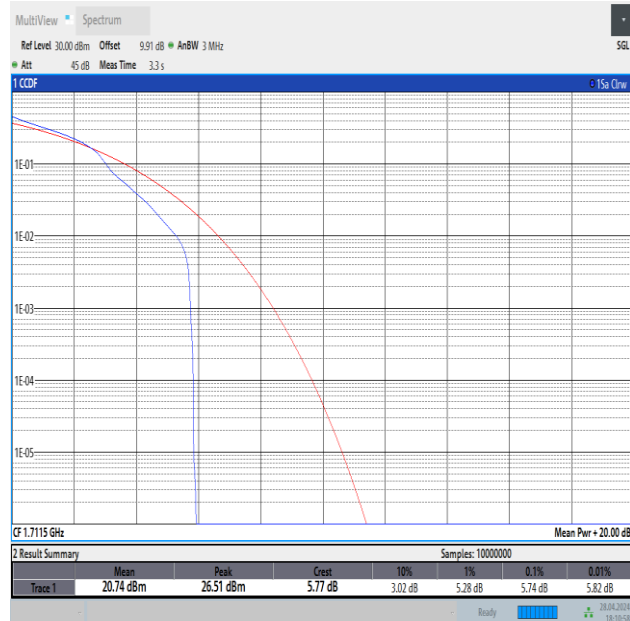
Band4-15MHz-QPSK-20175-75RB#0-PASS



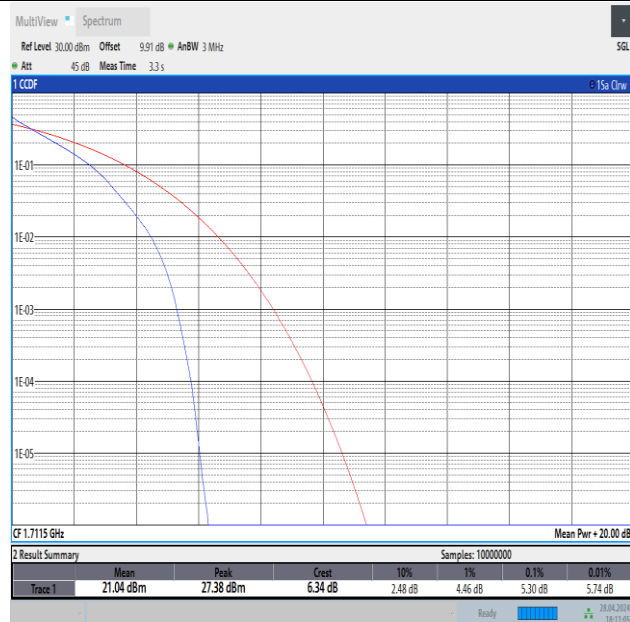
Band4-15MHz-QPSK-20325-75RB#0-PASS



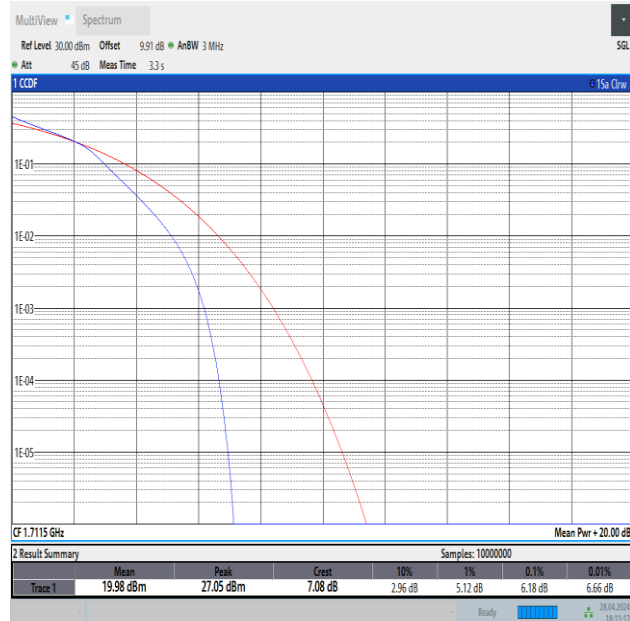
Band4-3MHz-QPSK-19965-1RB#0-PASS



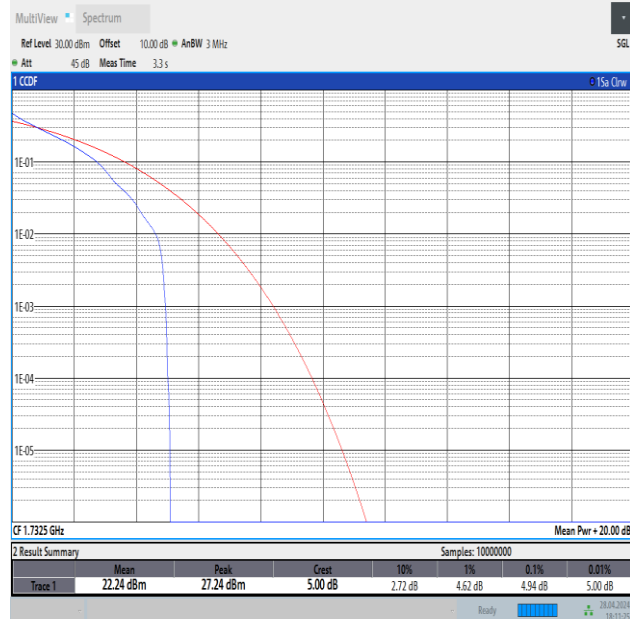
Band4-3MHz-16QAM-19965-1RB#0-PASS



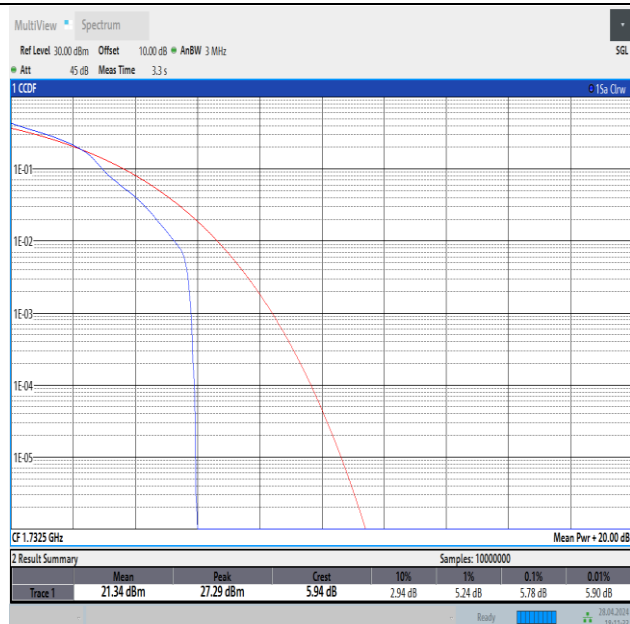
Band4-3MHz-QPSK-19965-15RB#0-PASS



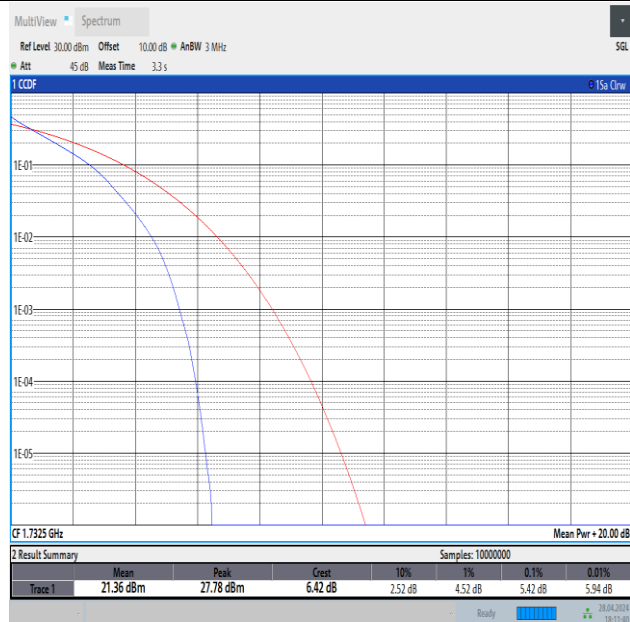
Band4-3MHz-16QAM-19965-15RB#0-PASS



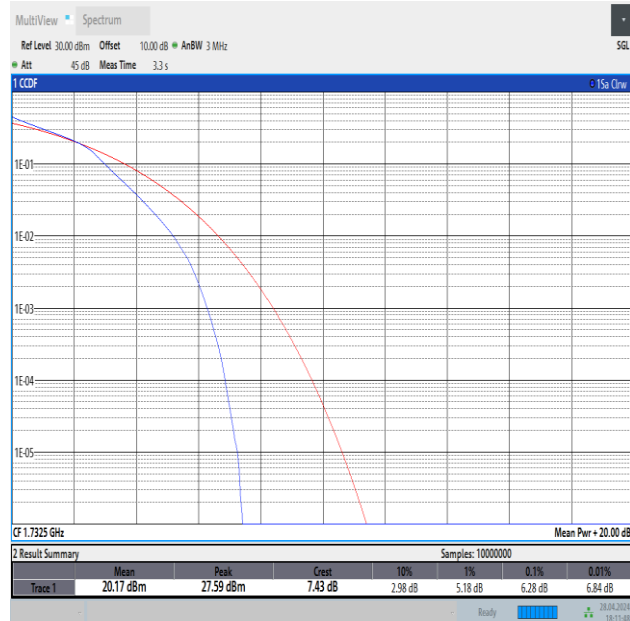
Band4-3MHz-QPSK-20175-1RB#0-PASS



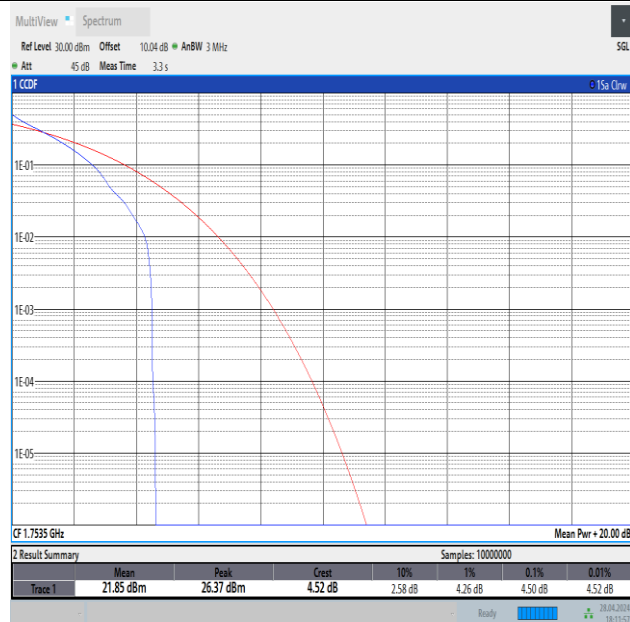
Band4-3MHz-16QAM-20175-1RB#0-PASS



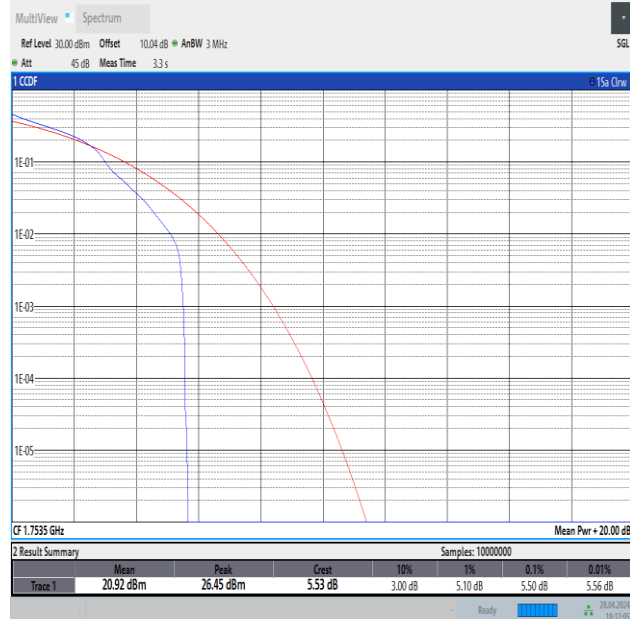
Band4-3MHz-QPSK-20175-15RB#0-PASS



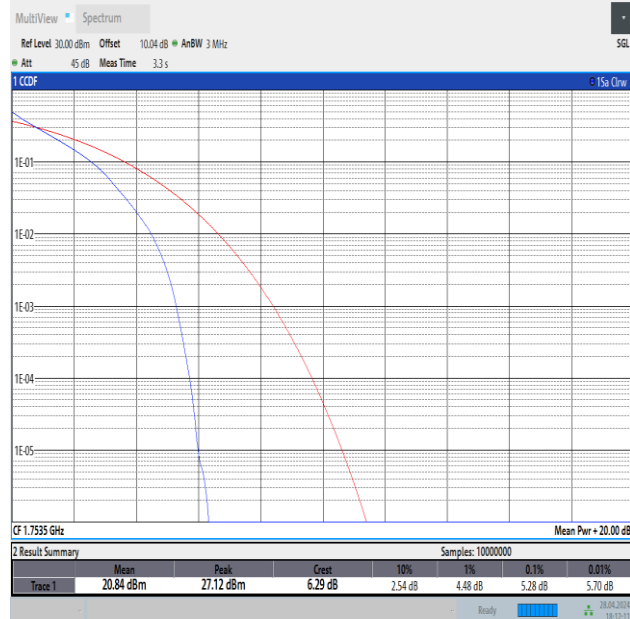
Band4-3MHz-16QAM-20175-15RB#0-PASS



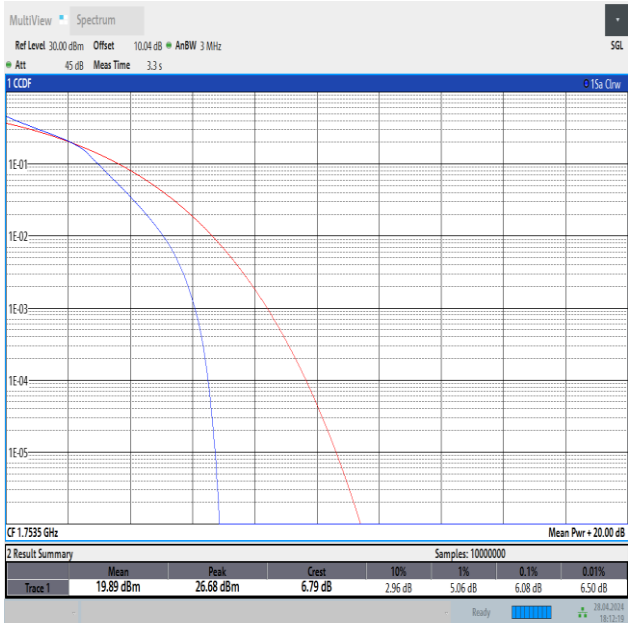
Band4-3MHz-QPSK-20385-1RB#0-PASS



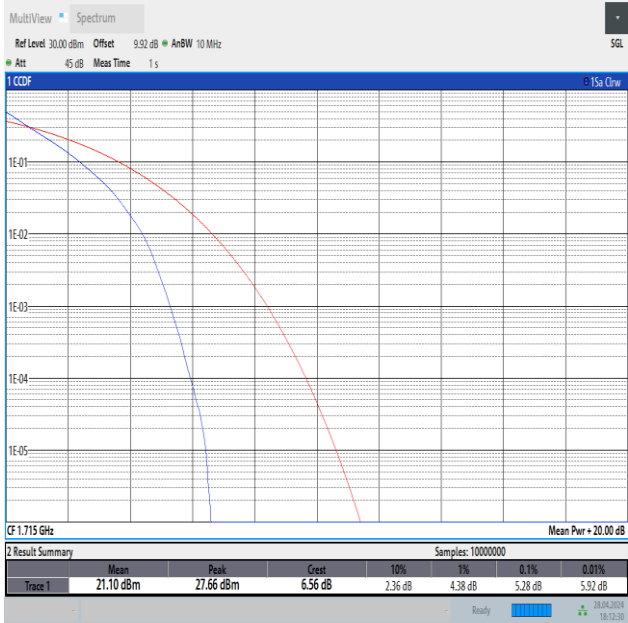
Band4-3MHz-16QAM-20385-1RB#0-PASS



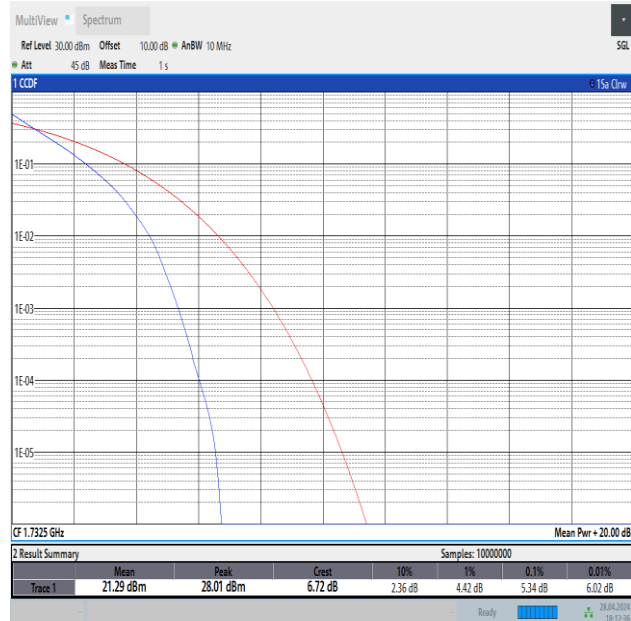
Band4-3MHz-QPSK-20385-15RB#0-PASS



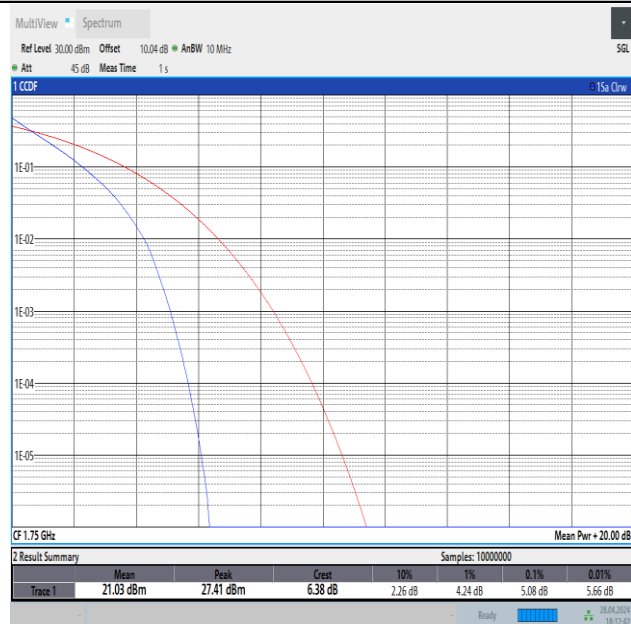
Band4-3MHz-16QAM-20385-15RB#0-PASS



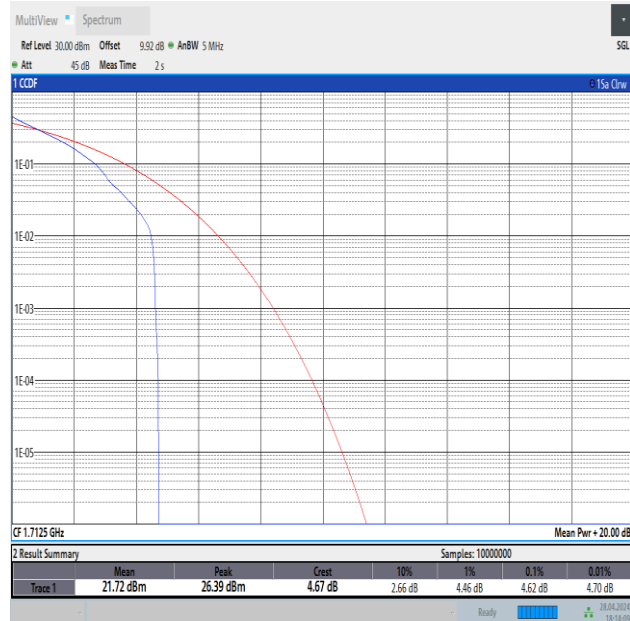
Band4-10MHz-QPSK-20000-50RB#0-PASS



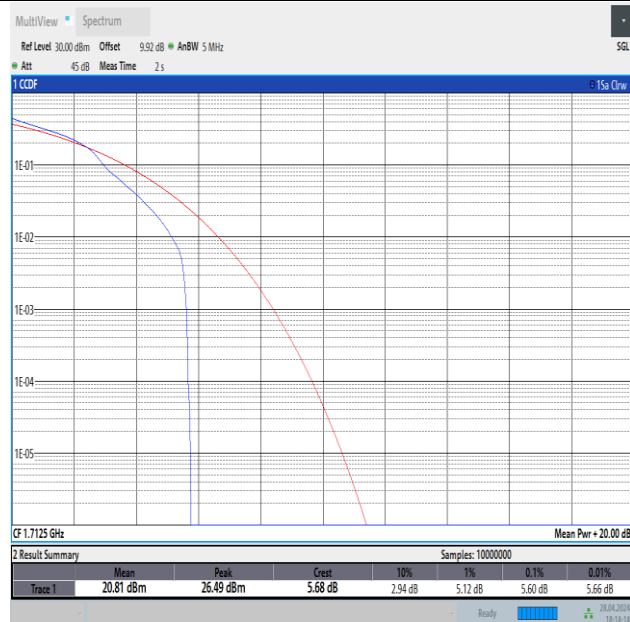
Band4-10MHz-QPSK-20175-50RB#0-PASS



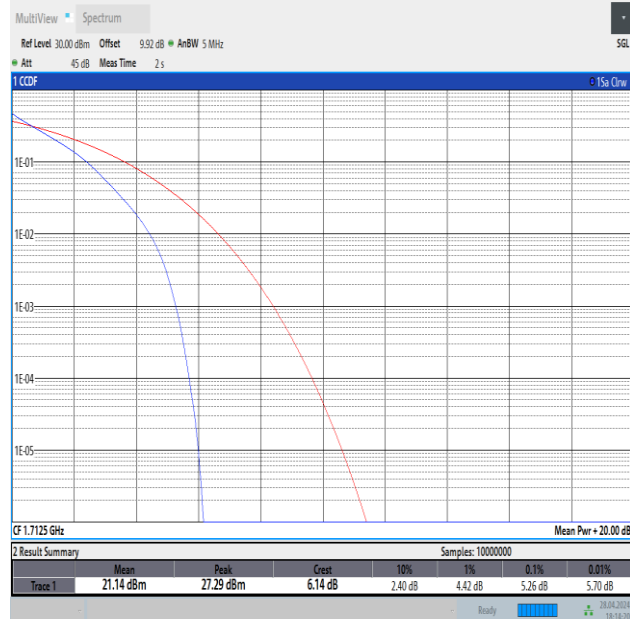
Band4-10MHz-QPSK-20350-50RB#0-PASS



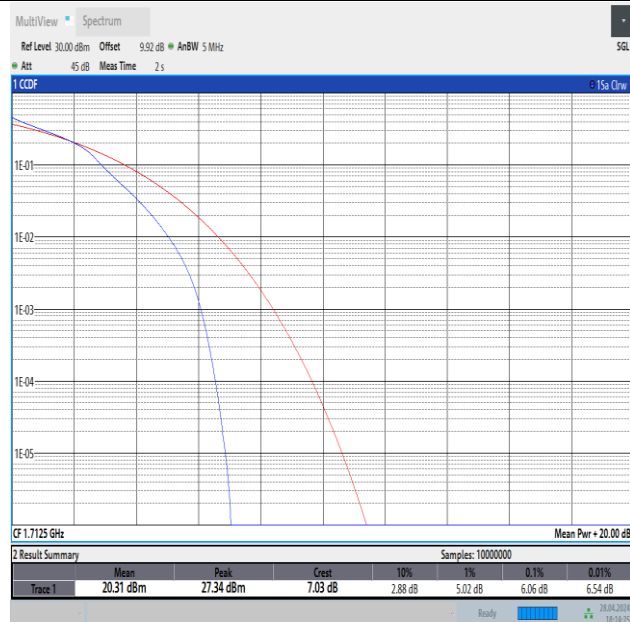
Band4-5MHz-QPSK-19975-1RB#0-PASS



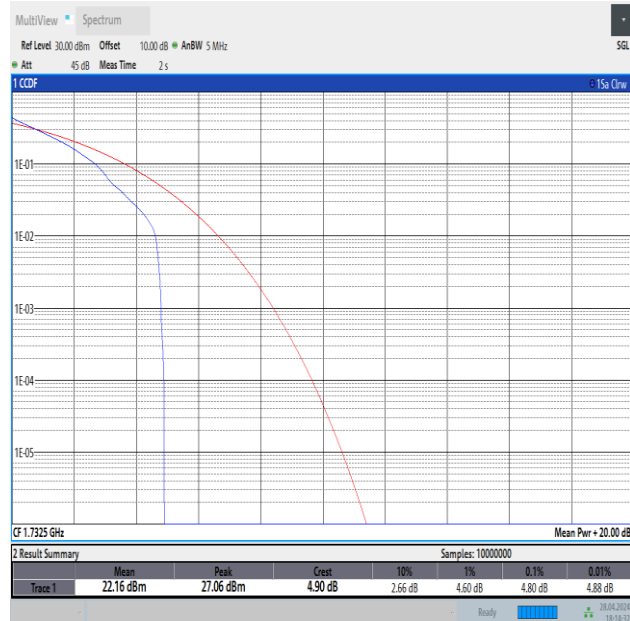
Band4-5MHz-16QAM-19975-1RB#0-PASS



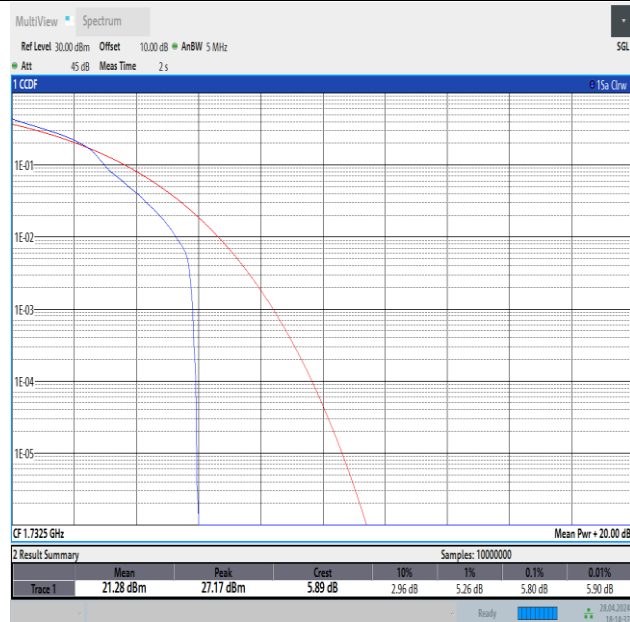
Band4-5MHz-QPSK-19975-25RB#0-PASS



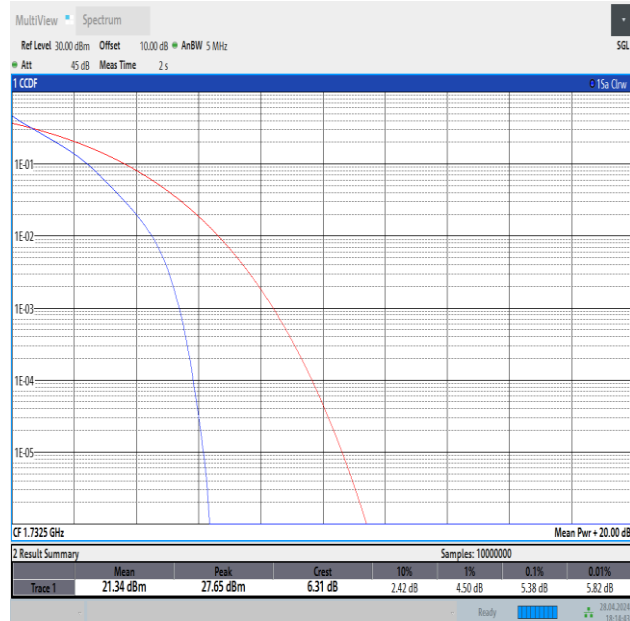
Band4-5MHz-16QAM-19975-25RB#0-PASS



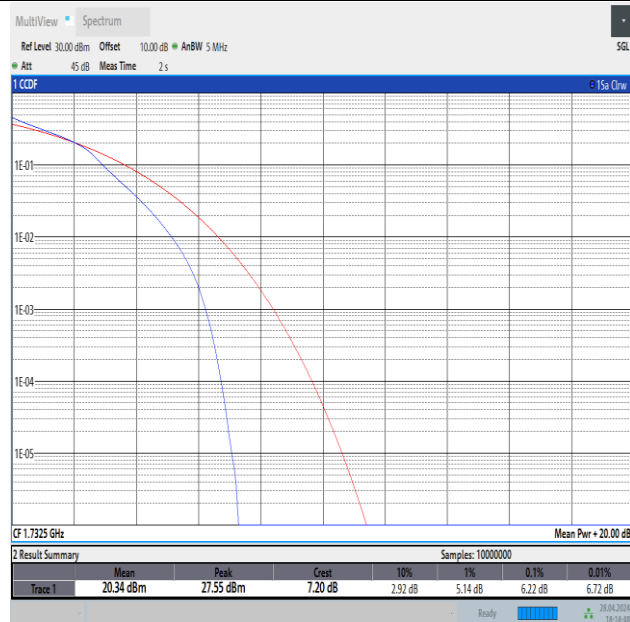
Band4-5MHz-QPSK-20175-1RB#0-PASS



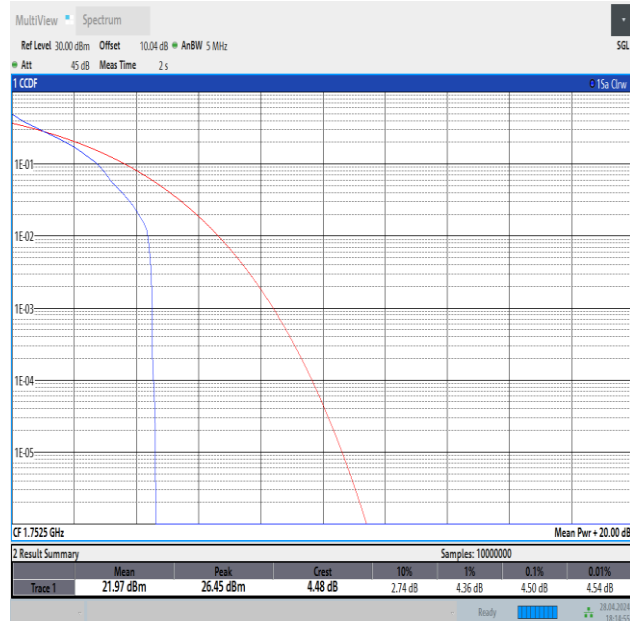
Band4-5MHz-16QAM-20175-1RB#0-PASS



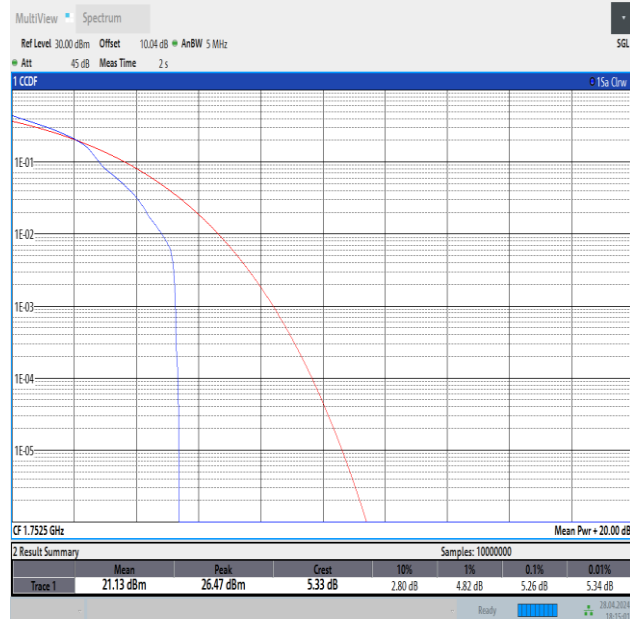
Band4-5MHz-QPSK-20175-25RB#0-PASS



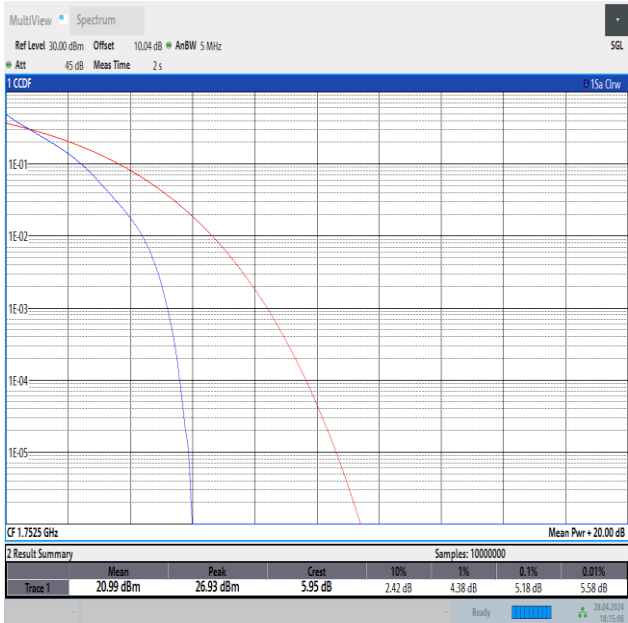
Band4-5MHz-16QAM-20175-25RB#0-PASS



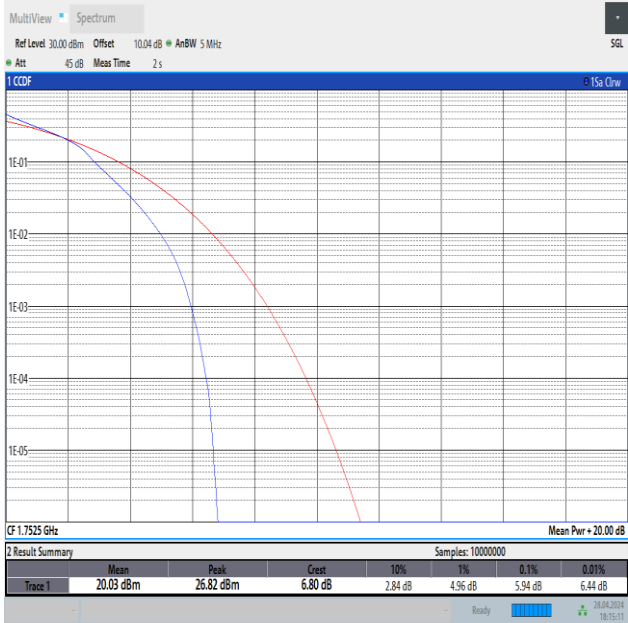
Band4-5MHz-QPSK-20375-1RB#0-PASS



Band4-5MHz-16QAM-20375-1RB#0-PASS



Band4-5MHz-QPSK-20375-25RB#0-PASS



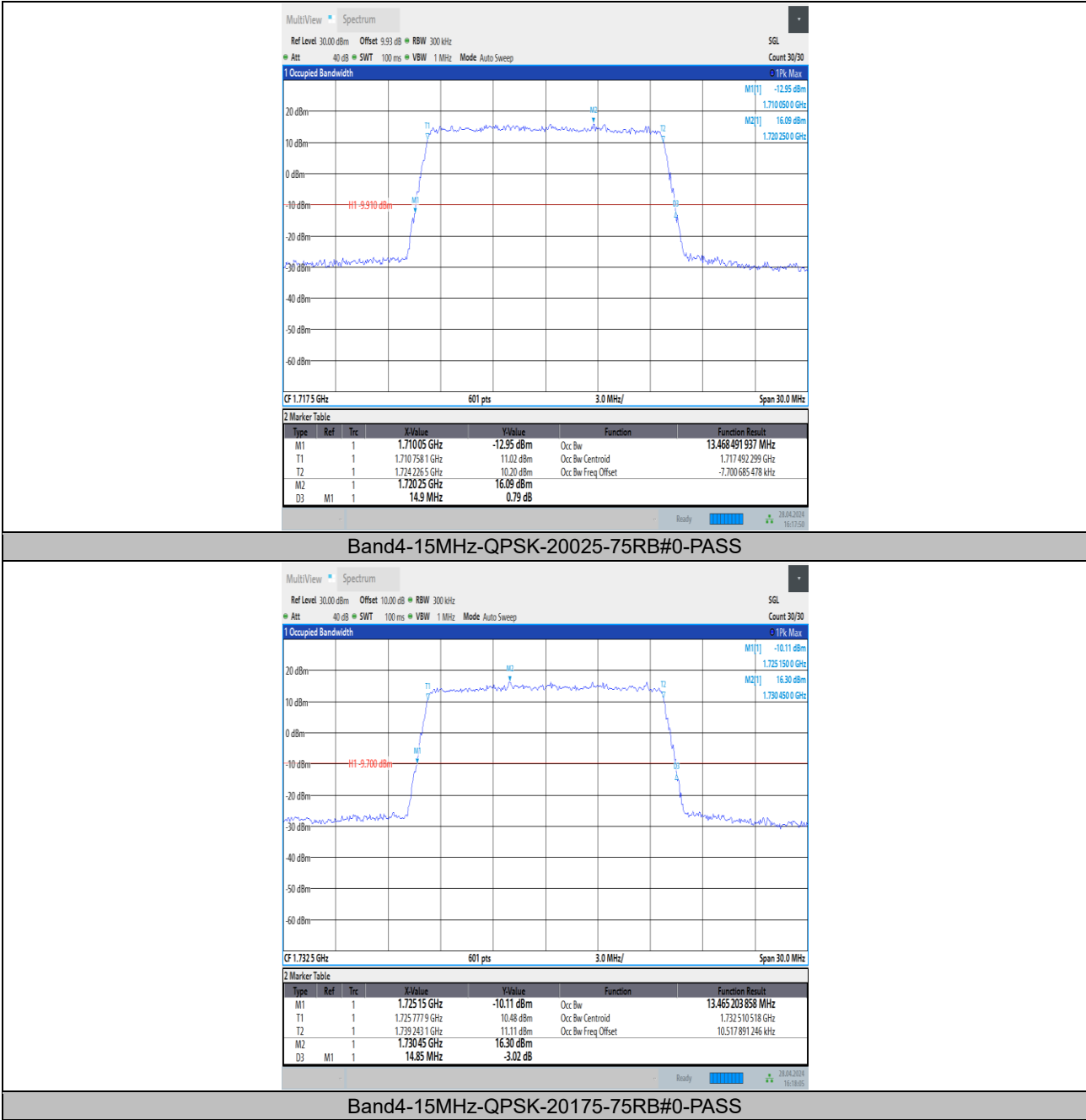
Band4-5MHz-16QAM-20375-25RB#0-PASS

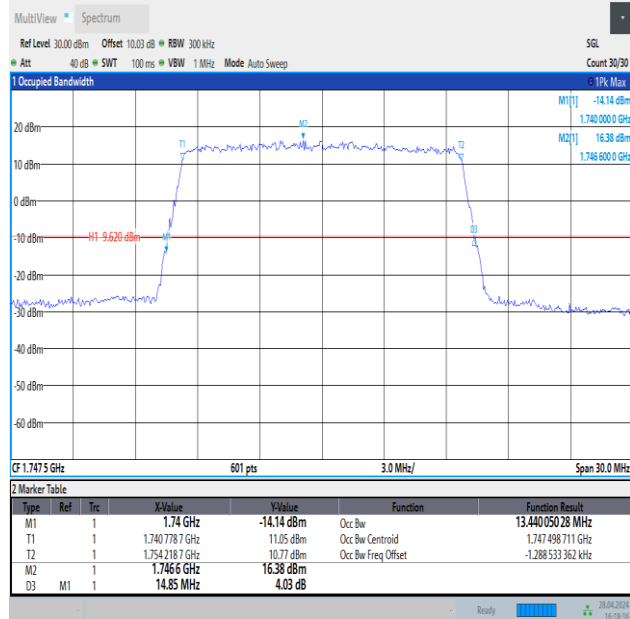
APPENDIX B.3: 26dB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

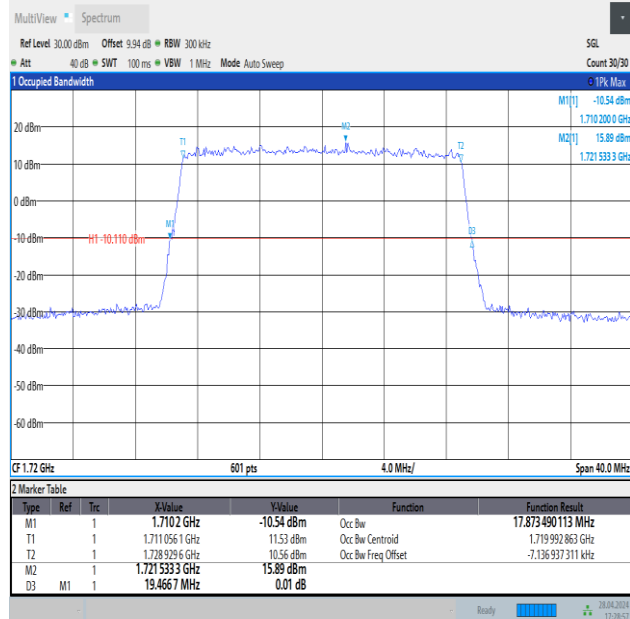
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	15MHz	QPSK	20025	75RB#0	13.468	14.90	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.465	14.85	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.44	14.85	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.873	19.47	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.861	19.40	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.866	19.60	PASS
Band4	20MHz	16QAM	20050	1RB#49	17.871	19.44	PASS
Band4	20MHz	16QAM	20175	1RB#49	17.858	19.41	PASS
Band4	20MHz	16QAM	20300	1RB#49	17.863	19.61	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.478	4.95	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.474	4.89	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.481	4.96	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.474	4.88	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.469	4.95	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.477	4.95	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.691	2.95	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.683	2.96	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.692	2.96	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.683	2.96	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.687	2.95	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.684	2.95	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.096	1.30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.101	1.32	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.097	1.32	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.103	1.33	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.102	1.34	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.093	1.30	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.932	9.80	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.936	9.80	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.935	9.73	PASS

Test Graphs

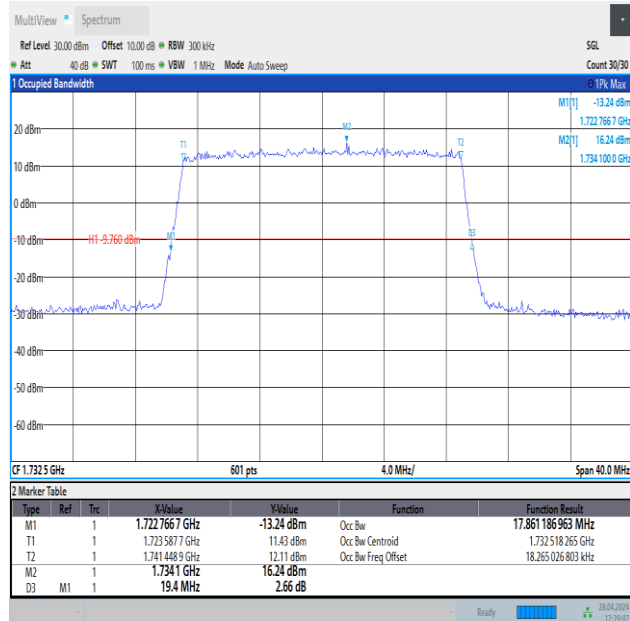




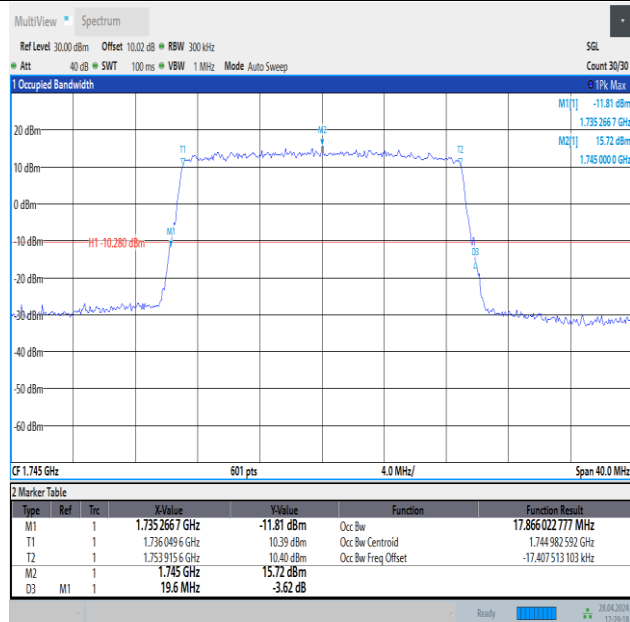
Band4-15MHz-QPSK-20325-75RB#0-PASS



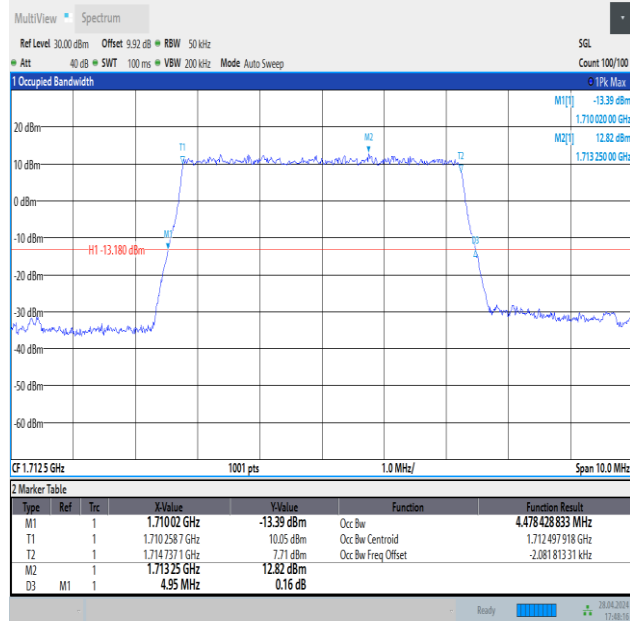
Band4-20MHz-QPSK-20050-100RB#0-PASS



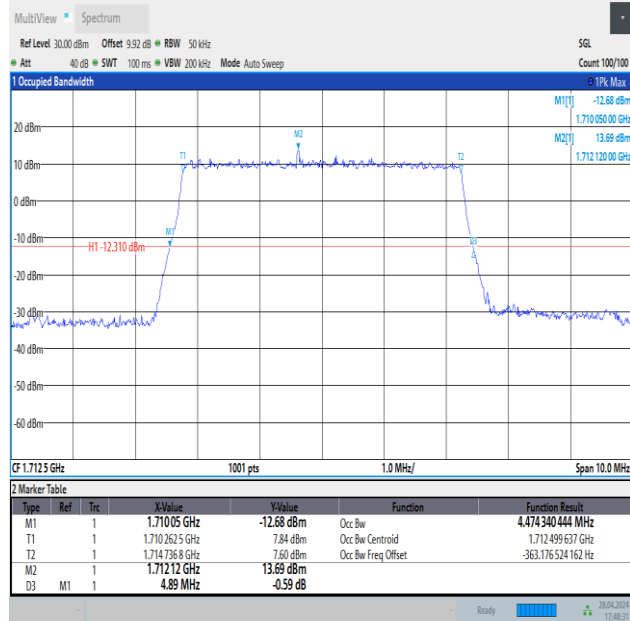
Band4-20MHz-QPSK-20175-100RB#0-PASS



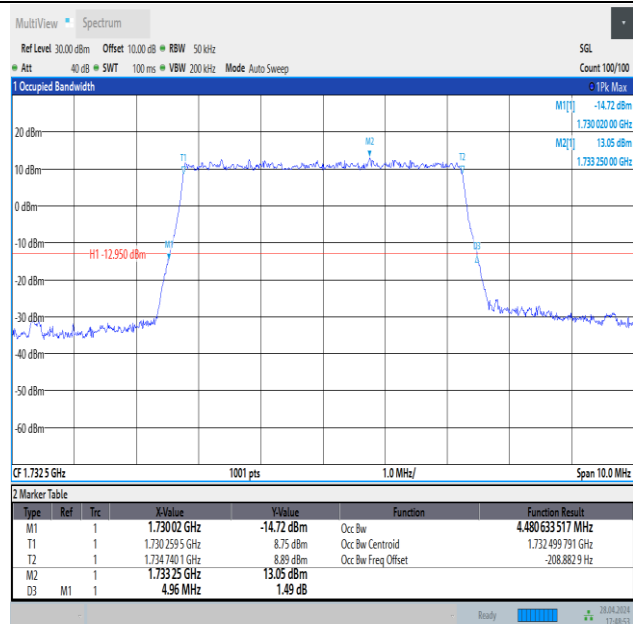
Band4-20MHz-QPSK-20300-100RB#0-PASS



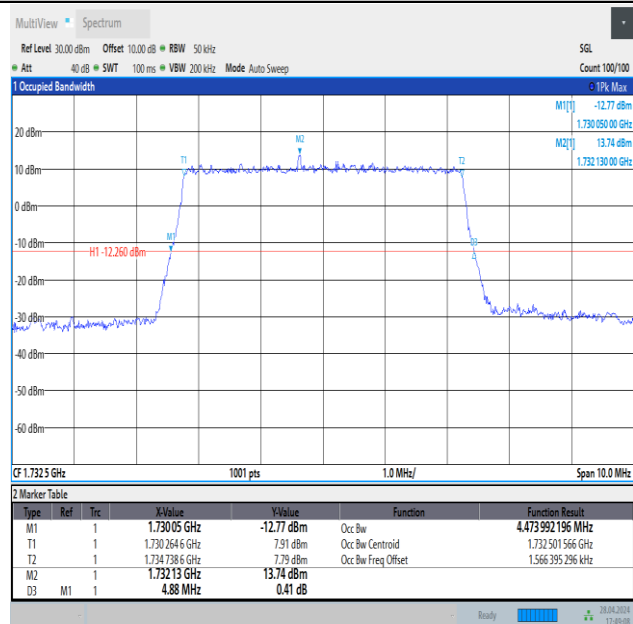
Band4-5MHz-QPSK-19975-25RB#0-PASS



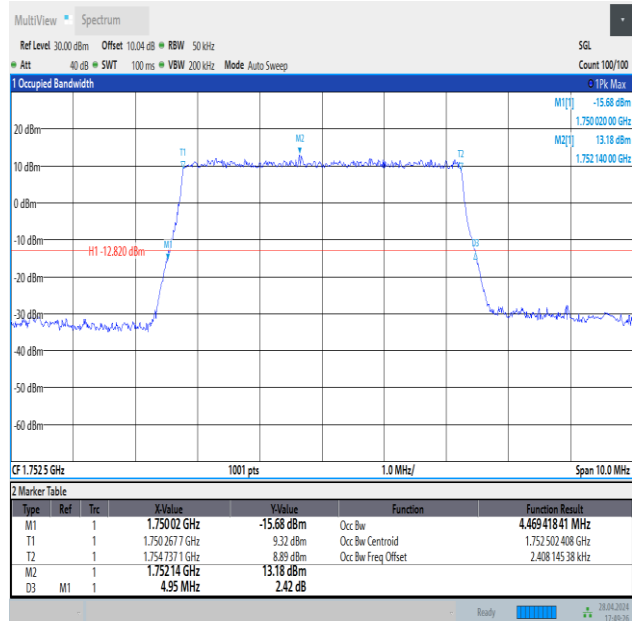
Band4-5MHz-16QAM-19975-25RB#0-PASS



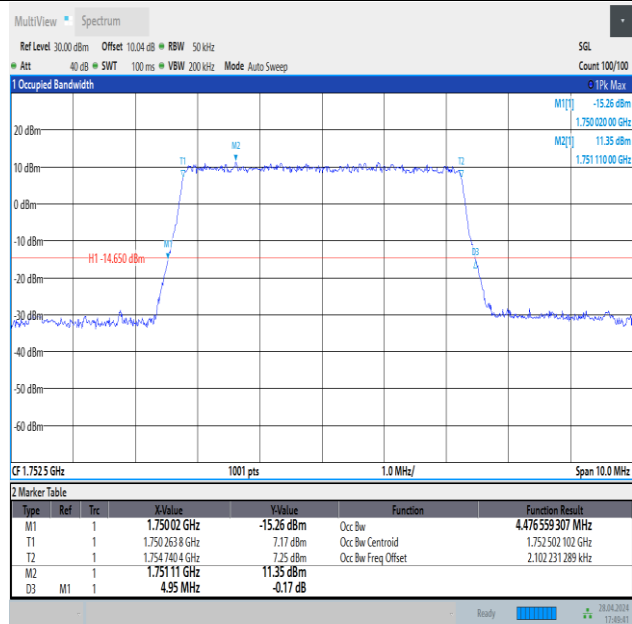
Band4-5MHz-QPSK-20175-25RB#0-PASS



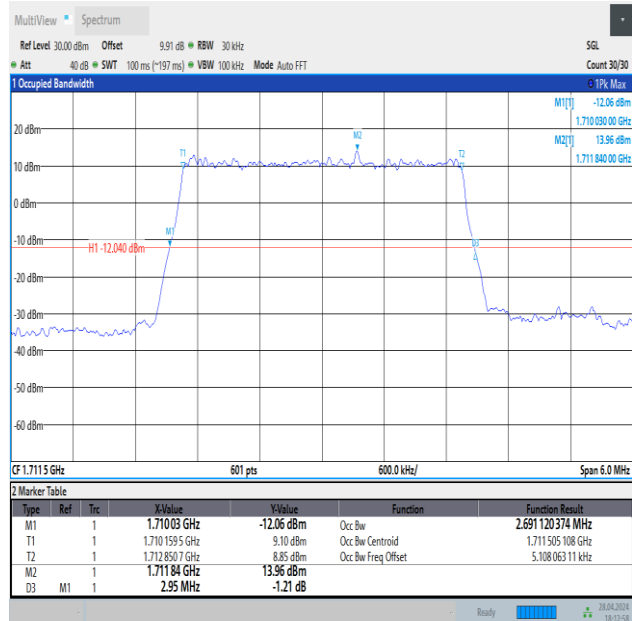
Band4-5MHz-16QAM-20175-25RB#0-PASS



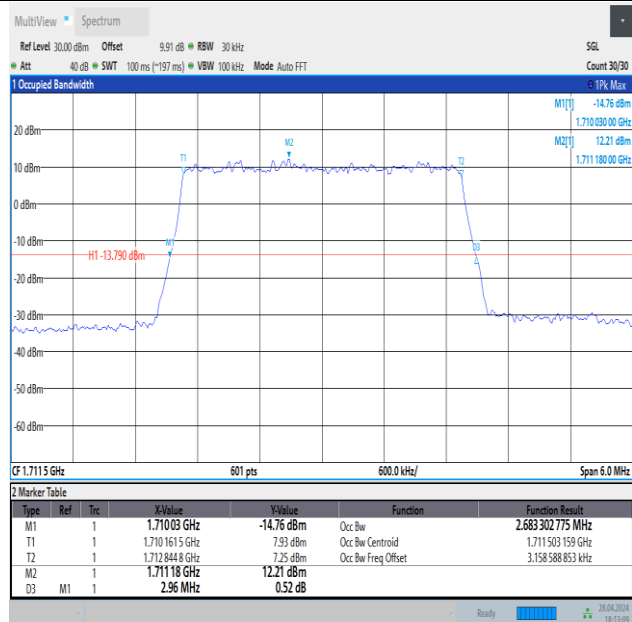
Band4-5MHz-QPSK-20375-25RB#0-PASS



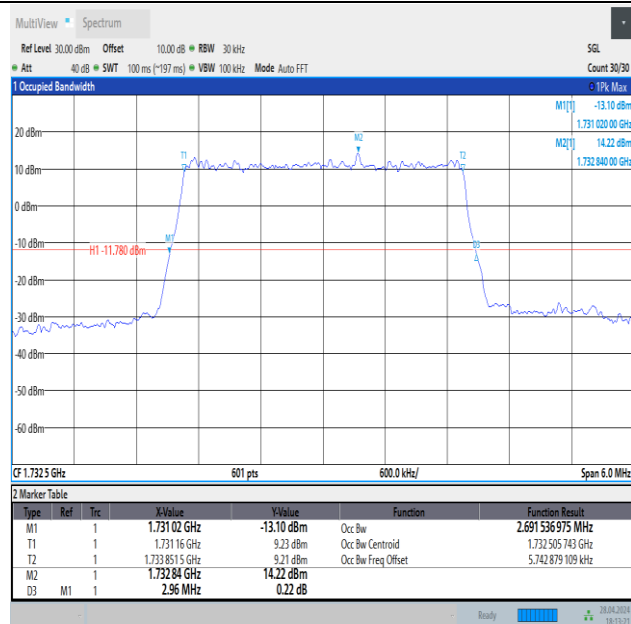
Band4-5MHz-16QAM-20375-25RB#0-PASS



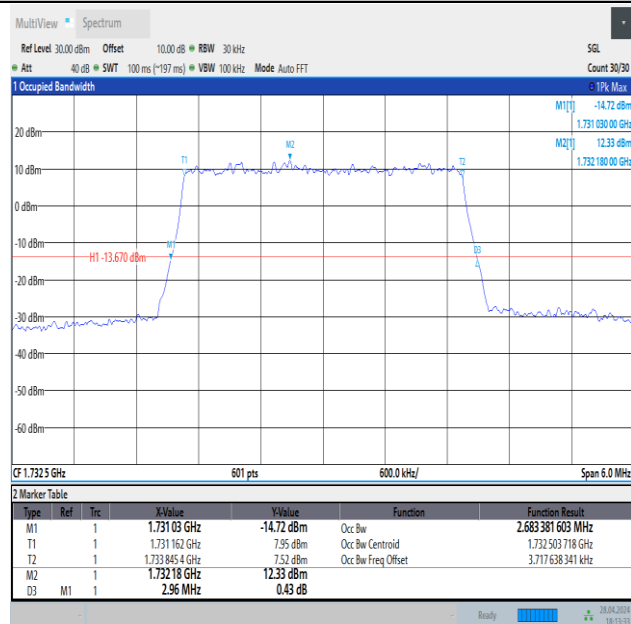
Band4-3MHz-QPSK-19965-15RB#0-PASS



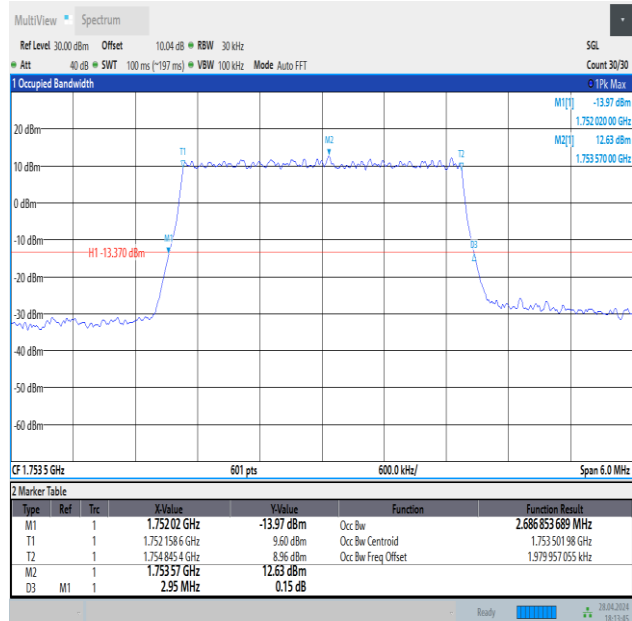
Band4-3MHz-16QAM-19965-15RB#0-PASS



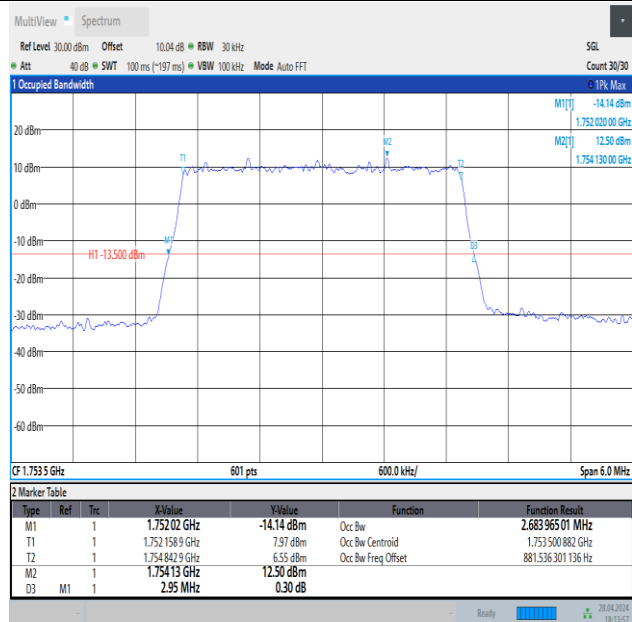
Band4-3MHz-QPSK-20175-15RB#0-PASS



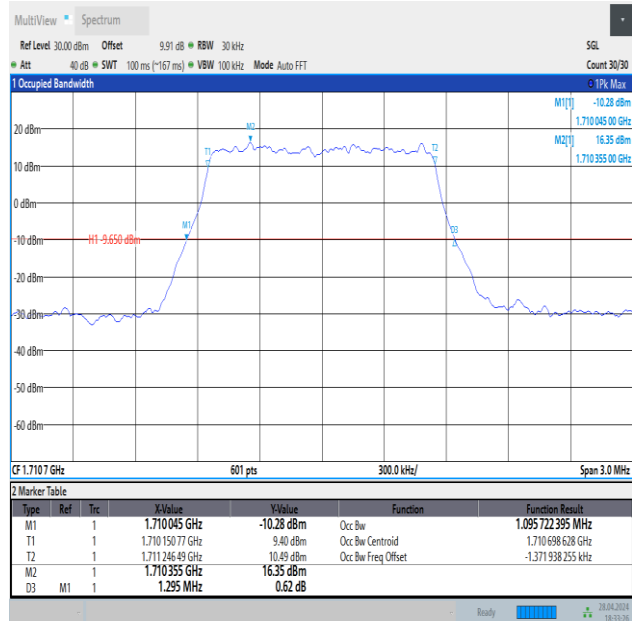
Band4-3MHz-16QAM-20175-15RB#0-PASS



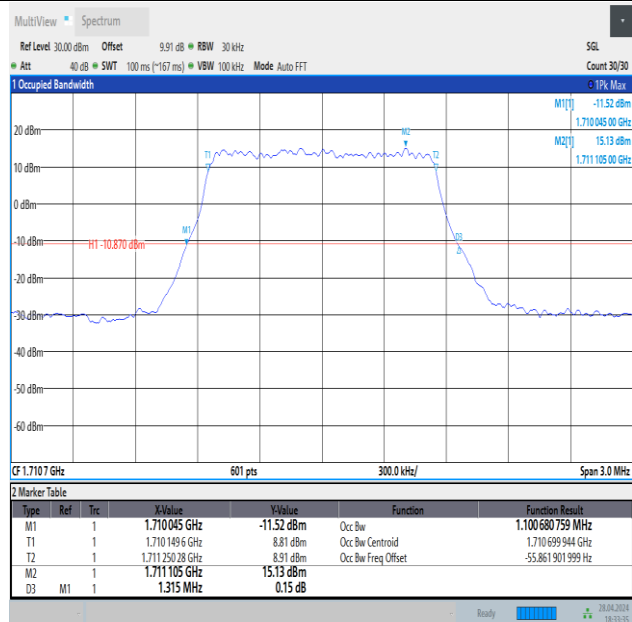
Band4-3MHz-QPSK-20385-15RB#0-PASS



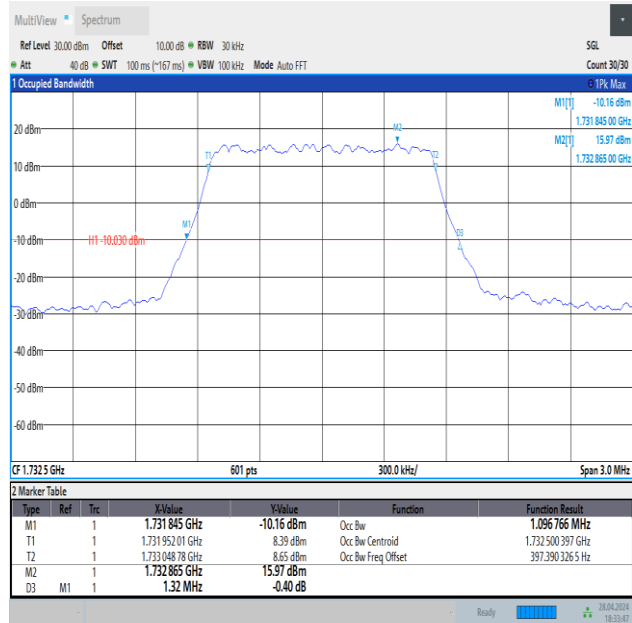
Band4-3MHz-16QAM-20385-15RB#0-PASS



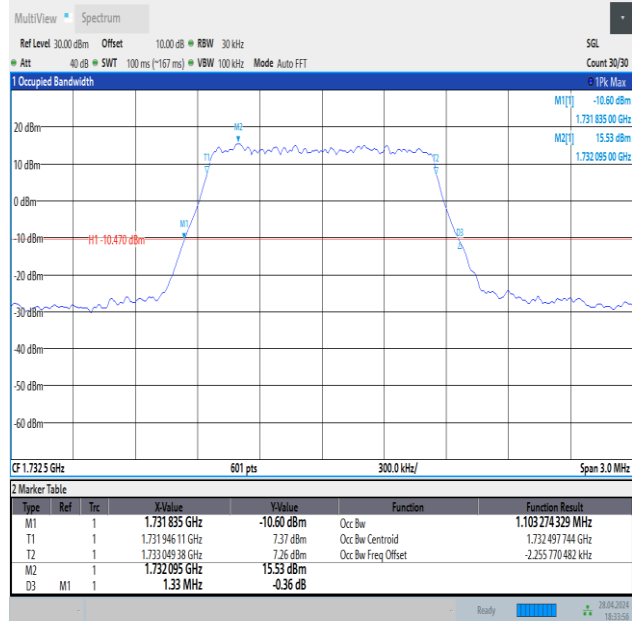
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



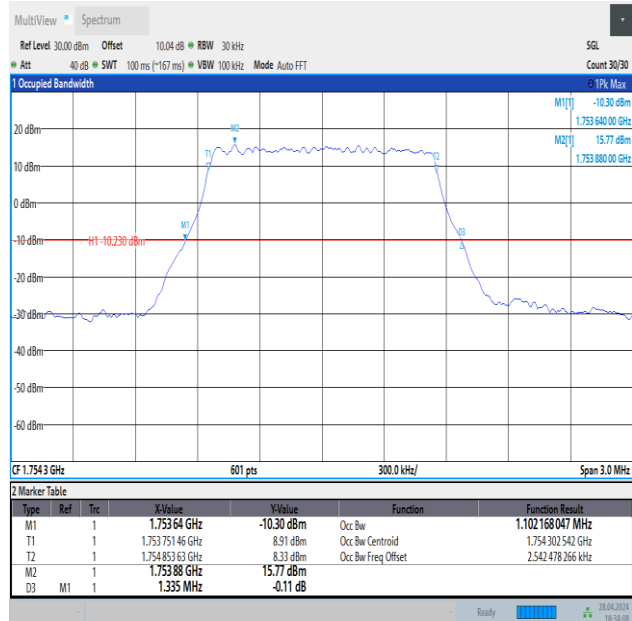
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



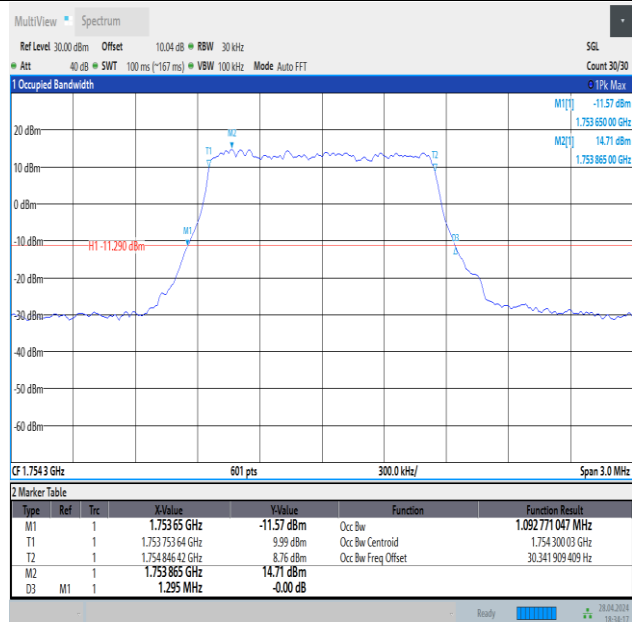
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



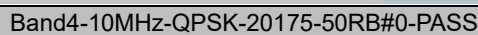
Band4-1.4MHz-16QAM-20175-6RB#0-PASS

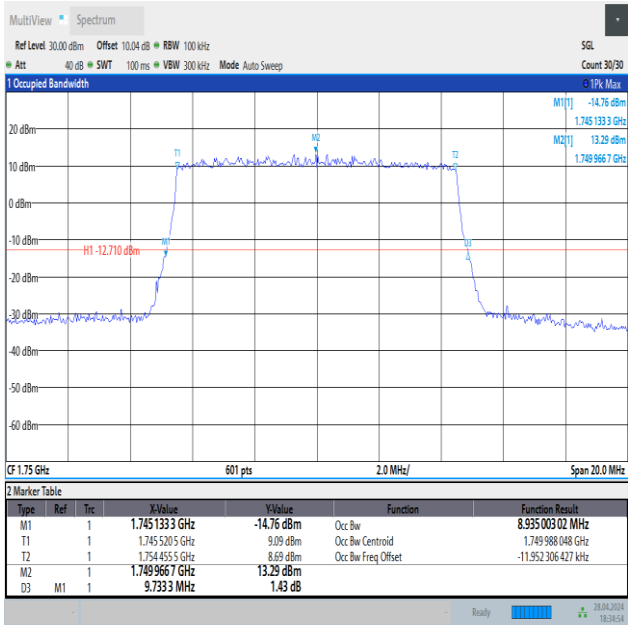


Band4-1.4MHz-QPSK-20393-6RB#0-PASS



Band4-1.4MHz-16QAM-20393-6RB#0-PASS





Band4-10MHz-QPSK-20350-50RB#0-PASS

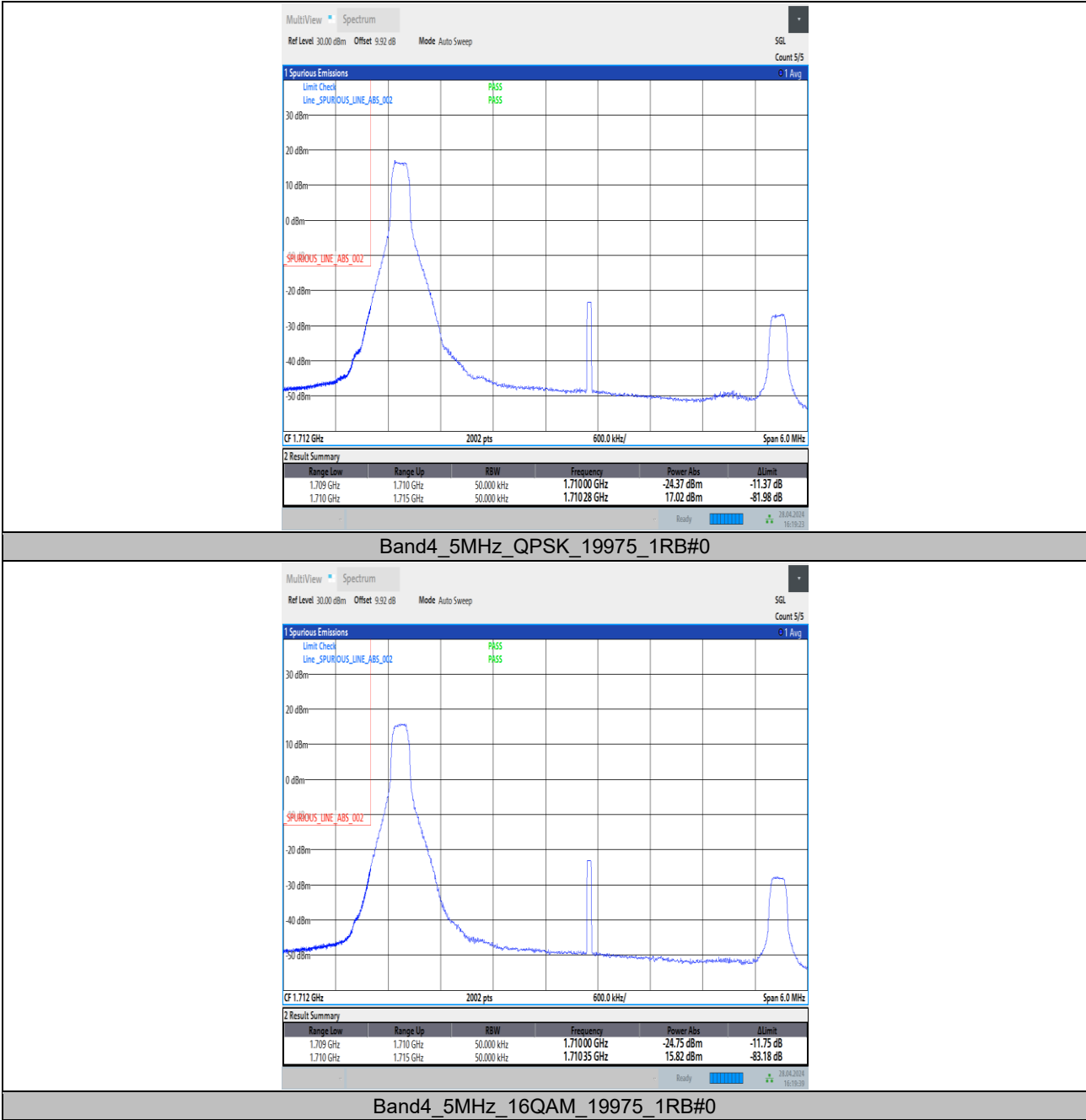
APPENDIX B.4: BAND EDGE

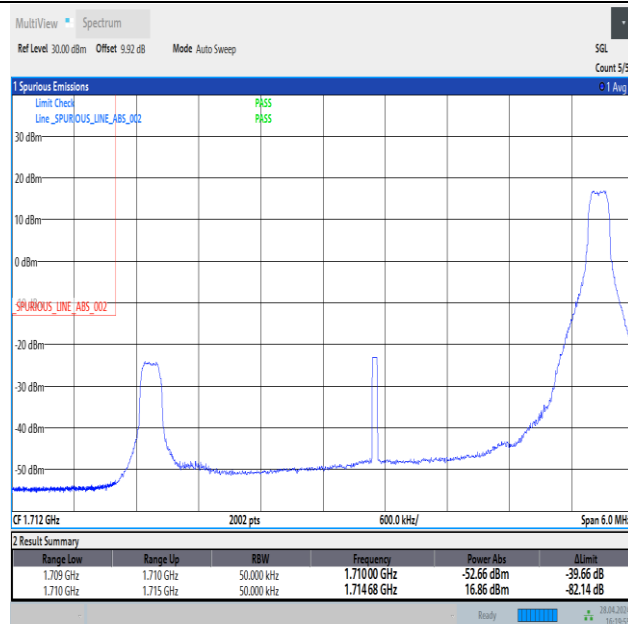
Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band4	5MHz	QPSK	19975	1RB#0	-24.37	PASS
Band4	5MHz	16QAM	19975	1RB#0	-24.75	PASS
Band4	5MHz	QPSK	19975	1RB#24	-52.66	PASS
Band4	5MHz	16QAM	19975	1RB#24	-53.31	PASS
Band4	5MHz	QPSK	19975	25RB#0	-30.49	PASS
Band4	5MHz	16QAM	19975	25RB#0	-31.52	PASS
Band4	5MHz	QPSK	20375	1RB#0	-52.89	PASS
Band4	5MHz	16QAM	20375	1RB#0	-53.39	PASS
Band4	5MHz	QPSK	20375	1RB#24	-23.27	PASS
Band4	5MHz	16QAM	20375	1RB#24	-24.52	PASS
Band4	5MHz	QPSK	20375	25RB#0	-30.29	PASS
Band4	5MHz	16QAM	20375	25RB#0	-31.37	PASS
Band4	3MHz	QPSK	19965	1RB#0	-24.09	PASS
Band4	3MHz	16QAM	19965	1RB#0	-24.21	PASS
Band4	3MHz	QPSK	19965	1RB#14	-45.61	PASS
Band4	3MHz	16QAM	19965	1RB#14	-46.61	PASS
Band4	3MHz	QPSK	19965	15RB#0	-30.08	PASS
Band4	3MHz	16QAM	19965	15RB#0	-31.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	-46.05	PASS
Band4	3MHz	16QAM	20385	1RB#0	-47.07	PASS
Band4	3MHz	QPSK	20385	1RB#14	-22.44	PASS
Band4	3MHz	16QAM	20385	1RB#14	-23.75	PASS
Band4	3MHz	QPSK	20385	15RB#0	-29.90	PASS
Band4	3MHz	16QAM	20385	15RB#0	-31.58	PASS
Band4	10MHz	QPSK	20000	1RB#0	-34.69	PASS
Band4	10MHz	16QAM	20000	1RB#0	-34.78	PASS
Band4	10MHz	QPSK	20000	1RB#49	-49.74	PASS
Band4	10MHz	16QAM	20000	1RB#49	-49.26	PASS
Band4	10MHz	QPSK	20350	1RB#0	-50.09	PASS
Band4	10MHz	16QAM	20350	1RB#0	-50.34	PASS
Band4	10MHz	QPSK	20350	1RB#49	-34.36	PASS
Band4	10MHz	16QAM	20350	1RB#49	-33.48	PASS
Band4	10MHz	QPSK	20000	50RB#0	-33.67	PASS
Band4	10MHz	QPSK	20350	50RB#0	-33.98	PASS
Band4	15MHz	QPSK	20025	1RB#0	-30.49	PASS
Band4	15MHz	16QAM	20025	1RB#0	-31.06	PASS
Band4	15MHz	QPSK	20025	1RB#74	-48.27	PASS
Band4	15MHz	16QAM	20025	1RB#74	-48.58	PASS
Band4	15MHz	QPSK	20325	1RB#0	-47.71	PASS
Band4	15MHz	16QAM	20325	1RB#0	-48.62	PASS
Band4	15MHz	QPSK	20325	1RB#74	-30.73	PASS
Band4	15MHz	16QAM	20325	1RB#74	-31.53	PASS
Band4	15MHz	QPSK	20025	75RB#0	-36.13	PASS
Band4	15MHz	QPSK	20325	75RB#0	-35.41	PASS
Band4	20MHz	QPSK	20050	1RB#0	-33.50	PASS
Band4	20MHz	16QAM	20050	1RB#0	-34.26	PASS
Band4	20MHz	QPSK	20050	1RB#99	-48.31	PASS
Band4	20MHz	16QAM	20050	1RB#99	-48.40	PASS

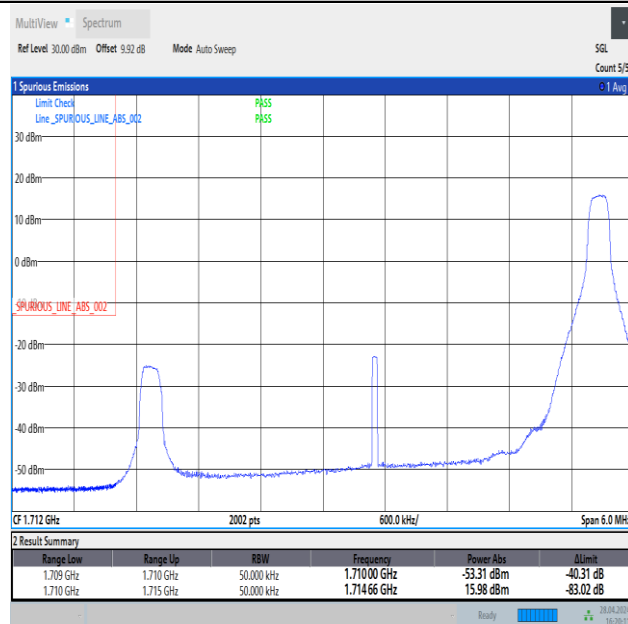
Band4	20MHz	QPSK	20300	1RB#0	-48.21	PASS
Band4	20MHz	16QAM	20300	1RB#0	-48.35	PASS
Band4	20MHz	QPSK	20300	1RB#99	-33.33	PASS
Band4	20MHz	16QAM	20300	1RB#99	-34.30	PASS
Band4	20MHz	QPSK	20050	100RB#0	-37.76	PASS
Band4	20MHz	QPSK	20300	100RB#0	-36.86	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-28.85	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-29.39	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-46.47	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-48.79	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-34.54	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-35.41	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-43.86	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-45.34	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-27.14	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-29.30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-33.12	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-33.74	PASS

Test Graphs

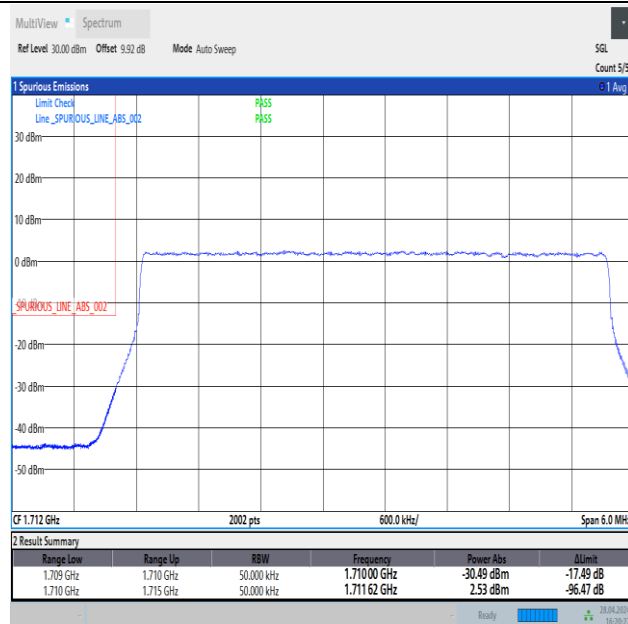




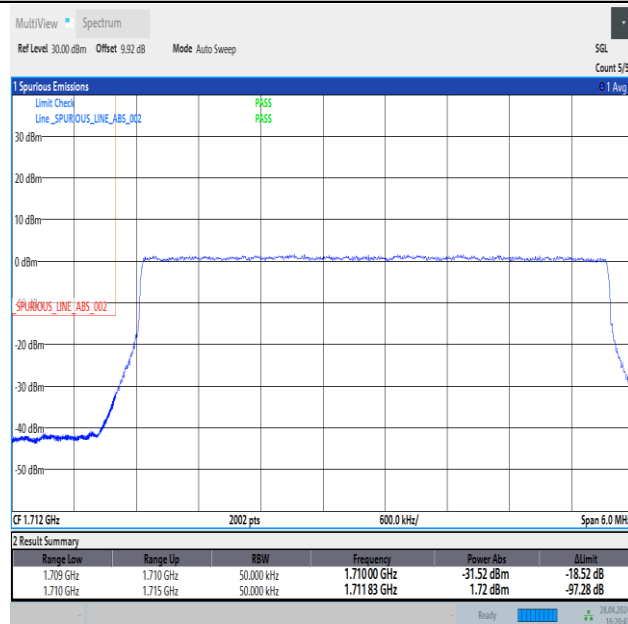
Band4_5MHz_QPSK_19975_1RB#24



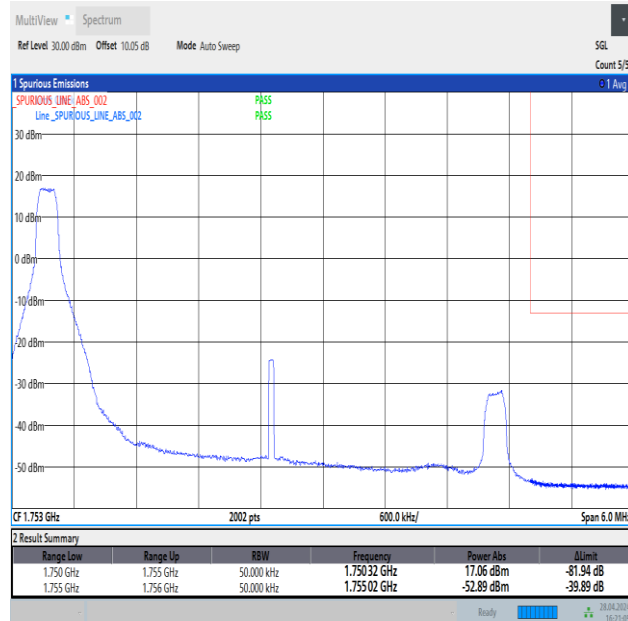
Band4_5MHz_16QAM_19975_1RB#24



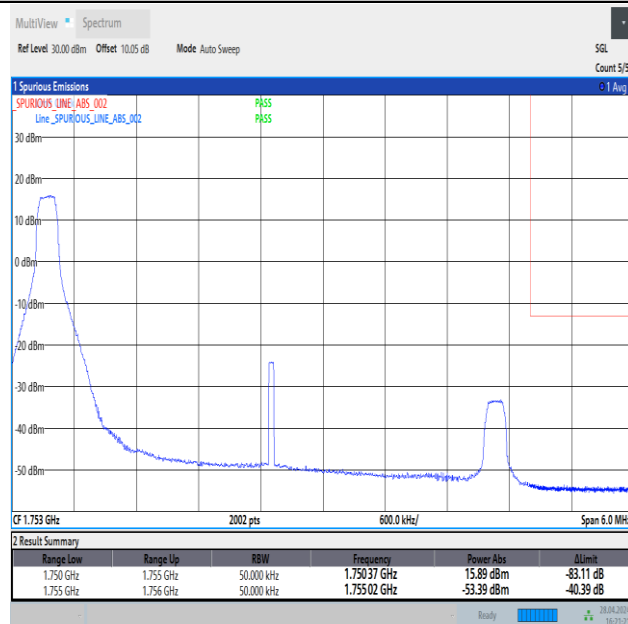
Band4_5MHz_QPSK_19975_25RB#0



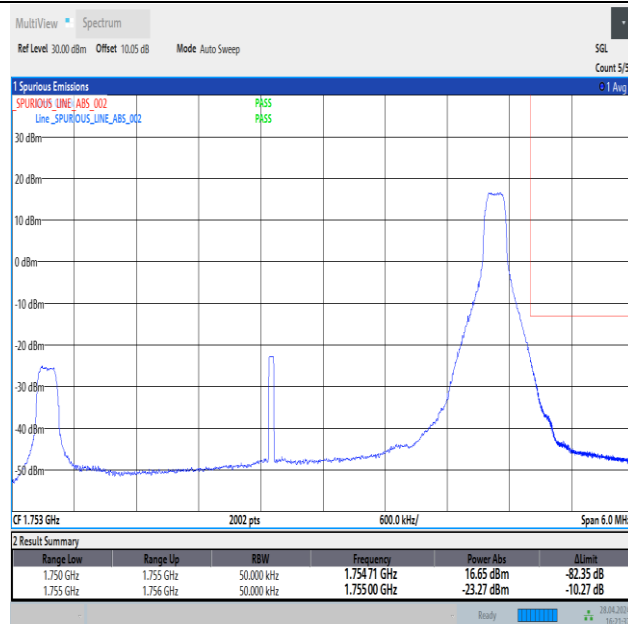
Band4_5MHz_16QAM_19975_25RB#0



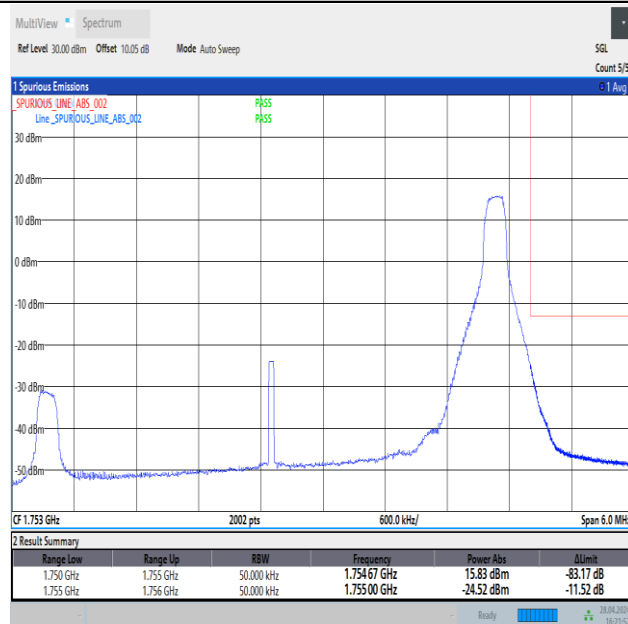
Band4_5MHz_QPSK_20375_1RB#0



Band4_5MHz_16QAM_20375_1RB#0



Band4_5MHz_QPSK_20375_1RB#24



Band4_5MHz_16QAM_20375_1RB#24