

Appendix for Band 4

Product Name: 5G CPE
Model No: S3

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.46	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.44	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.53	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	22.54	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.41	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.42	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.43	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.32	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.43	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.31	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.43	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.26	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.55	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.54	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.46	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.54	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.59	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.56	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.45	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.45	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.44	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.31	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.44	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.32	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.37	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.25	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.55	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.48	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.37	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.39	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.42	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.27	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.39	PASS

Band4	1.4MHz	16QAM	20393	3RB#0	22.28	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.39	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.25	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.32	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.19	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.45	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.47	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.63	PASS
Band4	3MHz	16QAM	19965	1RB#0	22.45	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.67	PASS
Band4	3MHz	16QAM	19965	1RB#8	22.51	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.71	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.47	PASS
Band4	3MHz	QPSK	19965	8RB#0	22.64	PASS
Band4	3MHz	16QAM	19965	8RB#0	21.64	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.63	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.64	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.60	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.57	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.59	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.50	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.46	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.58	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.69	PASS
Band4	3MHz	16QAM	20175	1RB#8	22.78	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.57	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.64	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.59	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.58	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.59	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.60	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.60	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.62	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.56	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.62	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.57	PASS
Band4	3MHz	16QAM	20385	1RB#0	22.39	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.61	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.43	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.58	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.39	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.53	PASS

Band4	3MHz	16QAM	20385	8RB#0	21.53	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.53	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.57	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.53	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.54	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.56	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.47	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.62	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.72	PASS
Band4	5MHz	QPSK	19975	1RB#12	23.70	PASS
Band4	5MHz	16QAM	19975	1RB#12	22.74	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.63	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.68	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.62	PASS
Band4	5MHz	16QAM	19975	12RB#0	21.63	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.62	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.65	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.64	PASS
Band4	5MHz	16QAM	19975	12RB#13	21.66	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.65	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.65	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.57	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.61	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.71	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.77	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.63	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.72	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.57	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.58	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.56	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.58	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.62	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.60	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.62	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.60	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.60	PASS
Band4	5MHz	16QAM	20375	1RB#0	22.64	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.63	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.67	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.60	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.58	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.60	PASS

Band4	5MHz	16QAM	20375	12RB#0	21.60	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.61	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.61	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.58	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.60	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.60	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.59	PASS
Band4	10MHz	QPSK	20000	1RB#0	23.68	PASS
Band4	10MHz	16QAM	20000	1RB#0	22.44	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.60	PASS
Band4	10MHz	16QAM	20000	1RB#24	22.28	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.62	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.32	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.61	PASS
Band4	10MHz	16QAM	20000	25RB#0	21.69	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.69	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.65	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.69	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.68	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.67	PASS
Band4	10MHz	16QAM	20000	50RB#0	21.66	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.44	PASS
Band4	10MHz	16QAM	20175	1RB#0	22.65	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.49	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.66	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.54	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.58	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.64	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.60	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.61	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.50	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.67	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.58	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.59	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.60	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.65	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.51	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.55	PASS
Band4	10MHz	16QAM	20350	1RB#24	22.33	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.55	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.36	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.66	PASS

Band4	10MHz	16QAM	20350	25RB#0	21.71	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.69	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.68	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.67	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.67	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.68	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.68	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.68	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.87	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.48	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.56	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.45	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.58	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.72	PASS
Band4	15MHz	16QAM	20025	38RB#0	22.69	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.70	PASS
Band4	15MHz	16QAM	20025	38RB#18	22.70	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.67	PASS
Band4	15MHz	16QAM	20025	38RB#37	22.67	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.68	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.67	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.61	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.79	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.48	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.65	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.52	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.75	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.63	PASS
Band4	15MHz	16QAM	20175	38RB#0	22.61	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.65	PASS
Band4	15MHz	16QAM	20175	38RB#18	22.65	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.58	PASS
Band4	15MHz	16QAM	20175	38RB#37	22.63	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.58	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.60	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.78	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.96	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.45	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.63	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.32	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.61	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.66	PASS

Band4	15MHz	16QAM	20325	38RB#0	22.66	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.65	PASS
Band4	15MHz	16QAM	20325	38RB#18	22.69	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.71	PASS
Band4	15MHz	16QAM	20325	38RB#37	22.67	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.67	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.70	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.78	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.81	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.45	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.50	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.61	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.56	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.74	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.73	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.72	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.74	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.60	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.65	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.73	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.71	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.70	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.71	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.66	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.61	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.55	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.49	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.69	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.69	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.70	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.66	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.60	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.60	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.68	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.65	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.85	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.84	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.52	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.60	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.40	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.42	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.79	PASS

Band4	20MHz	16QAM	20300	50RB#0	21.87	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.78	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.89	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.54	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.55	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.78	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.74	PASS

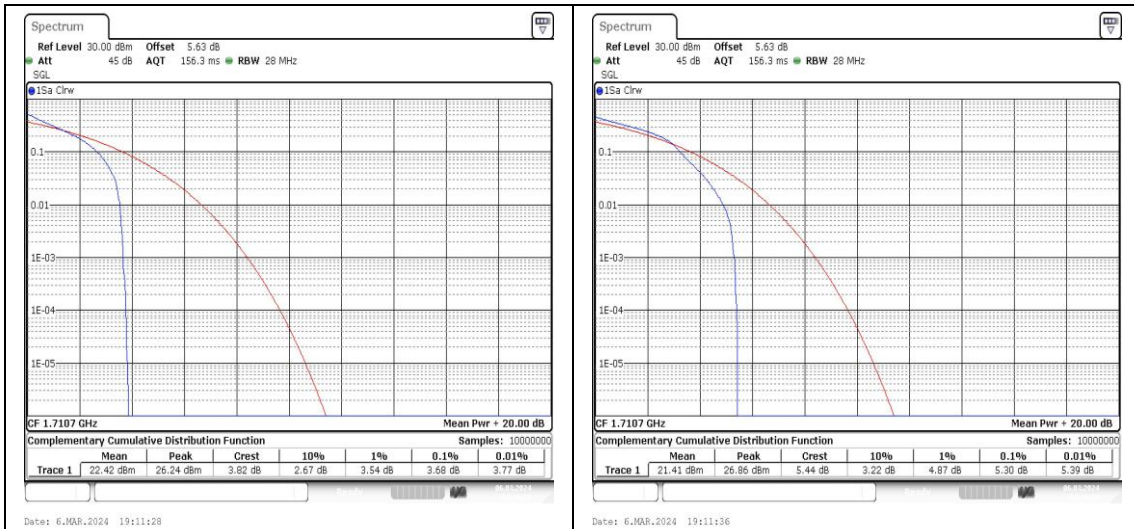
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

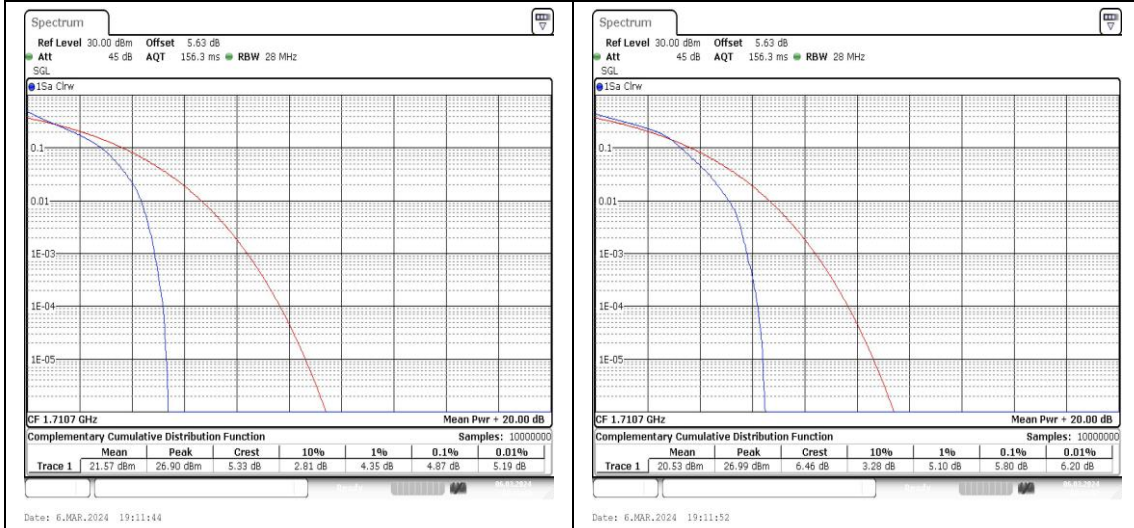
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	3.68	13	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	5.30	13	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	4.87	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.80	13	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3.80	13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	5.51	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	5.22	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.06	13	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3.30	13	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	4.78	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.46	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.33	13	PASS
Band4	3MHz	QPSK	19965	1RB#0	3.51	13	PASS
Band4	3MHz	16QAM	19965	1RB#0	5.04	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.78	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.71	13	PASS
Band4	3MHz	QPSK	20175	1RB#0	3.62	13	PASS
Band4	3MHz	16QAM	20175	1RB#0	5.28	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.13	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.03	13	PASS
Band4	3MHz	QPSK	20385	1RB#0	3.10	13	PASS
Band4	3MHz	16QAM	20385	1RB#0	4.38	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.35	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.28	13	PASS
Band4	5MHz	QPSK	19975	1RB#0	3.54	13	PASS
Band4	5MHz	16QAM	19975	1RB#0	5.04	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.81	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.68	13	PASS
Band4	5MHz	QPSK	20175	1RB#0	3.62	13	PASS
Band4	5MHz	16QAM	20175	1RB#0	5.25	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.19	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.06	13	PASS
Band4	5MHz	QPSK	20375	1RB#0	3.10	13	PASS
Band4	5MHz	16QAM	20375	1RB#0	4.41	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.41	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.28	13	PASS

Band4	10MHz	QPSK	20000	1RB#0	3.57	13	PASS
Band4	10MHz	16QAM	20000	1RB#0	4.99	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.52	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.45	13	PASS
Band4	10MHz	QPSK	20175	1RB#0	3.42	13	PASS
Band4	10MHz	16QAM	20175	1RB#0	5.16	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.04	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.00	13	PASS
Band4	10MHz	QPSK	20350	1RB#0	3.19	13	PASS
Band4	10MHz	16QAM	20350	1RB#0	4.55	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.32	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.22	13	PASS
Band4	15MHz	QPSK	20025	1RB#0	3.45	13	PASS
Band4	15MHz	16QAM	20025	1RB#0	4.93	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	4.72	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.54	13	PASS
Band4	15MHz	QPSK	20175	1RB#0	3.28	13	PASS
Band4	15MHz	16QAM	20175	1RB#0	4.75	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.19	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.00	13	PASS
Band4	15MHz	QPSK	20325	1RB#0	3.42	13	PASS
Band4	15MHz	16QAM	20325	1RB#0	4.93	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.70	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.51	13	PASS
Band4	20MHz	QPSK	20050	1RB#0	3.42	13	PASS
Band4	20MHz	16QAM	20050	1RB#0	4.93	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	4.64	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.57	13	PASS
Band4	20MHz	QPSK	20175	1RB#0	3.22	13	PASS
Band4	20MHz	16QAM	20175	1RB#0	4.67	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.90	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.88	13	PASS
Band4	20MHz	QPSK	20300	1RB#0	3.59	13	PASS
Band4	20MHz	16QAM	20300	1RB#0	5.25	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.67	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.59	13	PASS

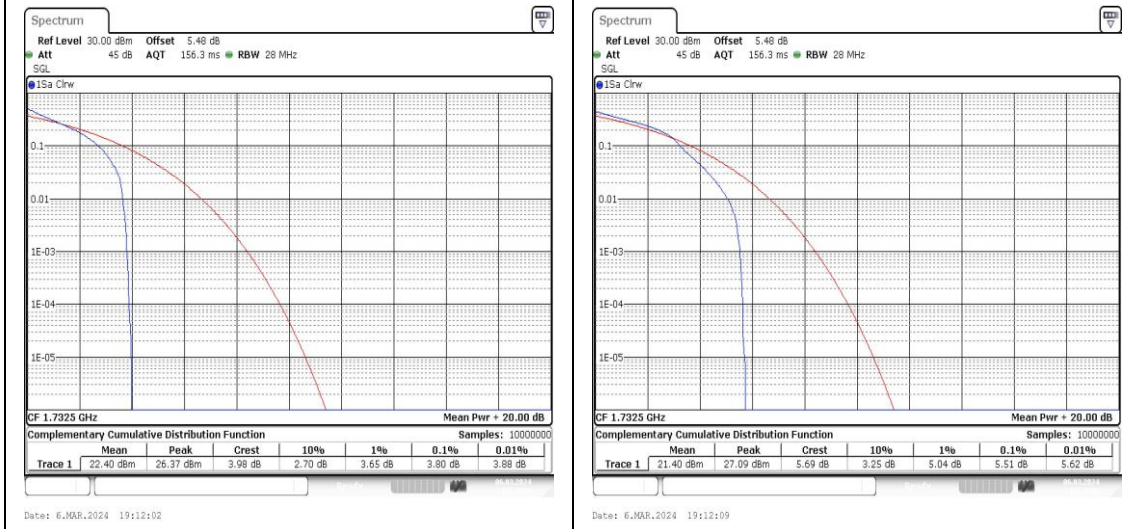
Test Graphs



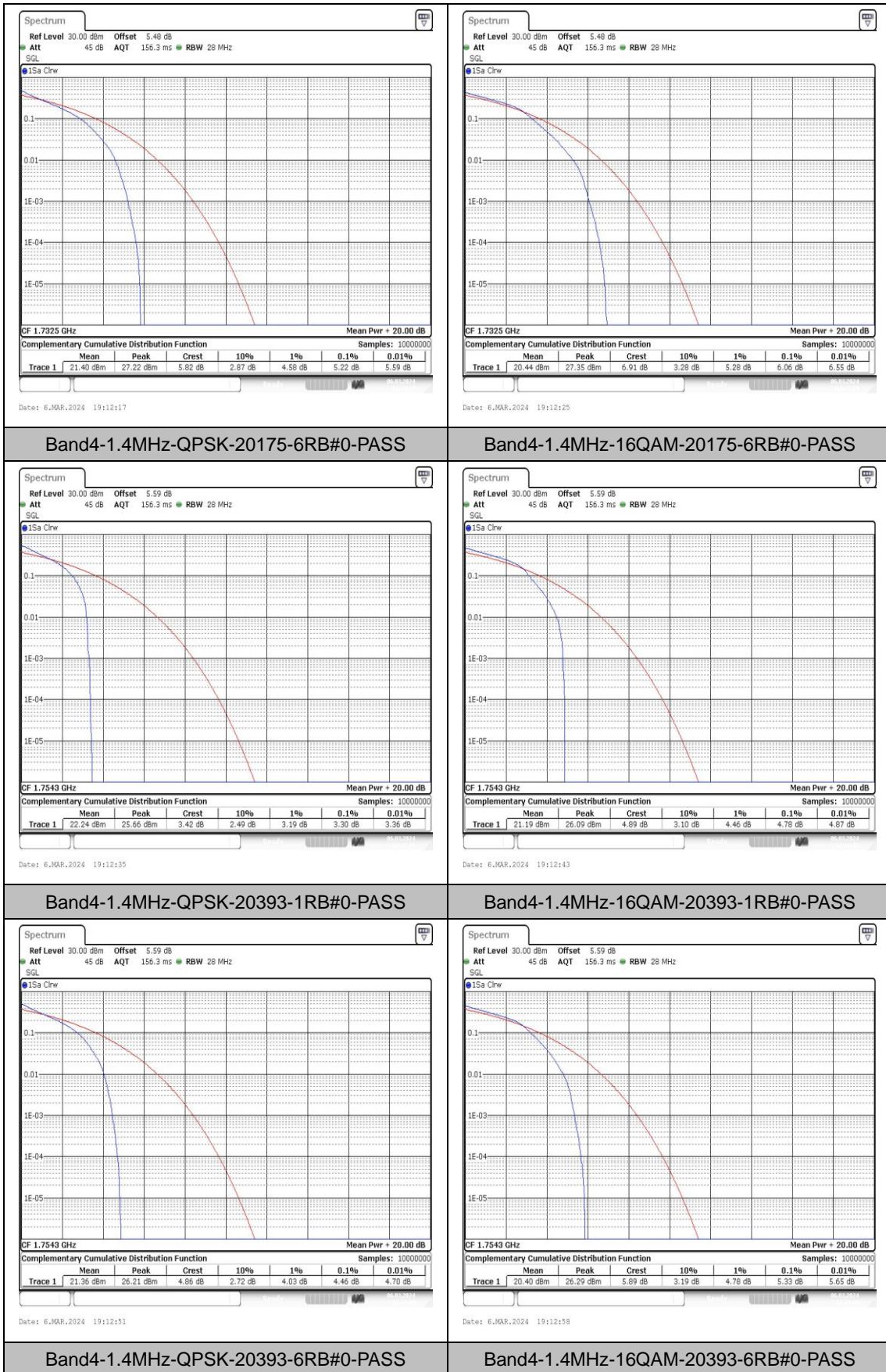
Band4-1.4MHz-QPSK-19957-1RB#0-PASS **Band4-1.4MHz-16QAM-19957-1RB#0-PASS**

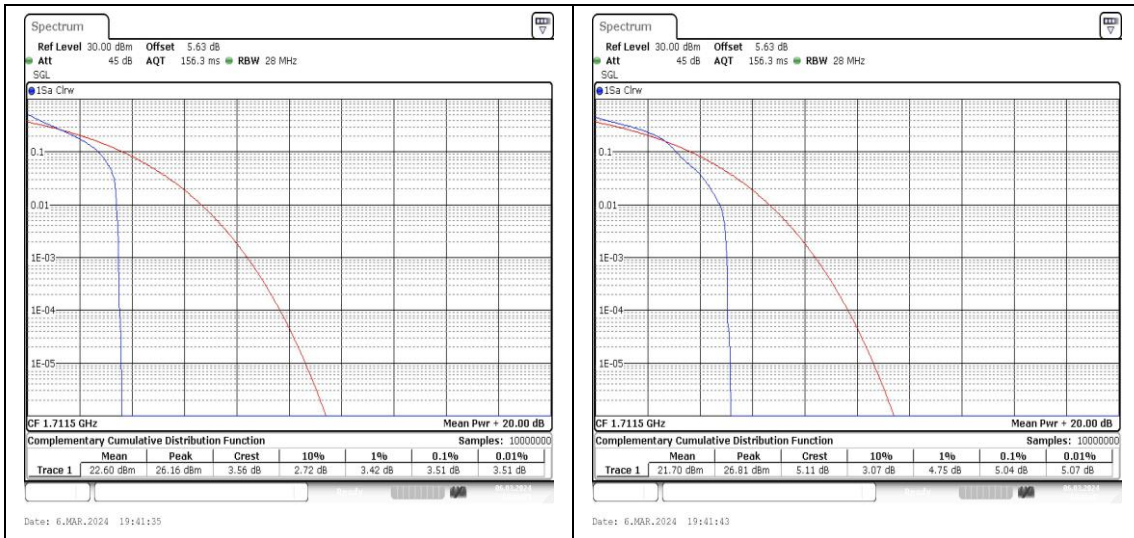


Band4-1.4MHz-QPSK-19957-6RB#0-PASS **Band4-1.4MHz-16QAM-19957-6RB#0-PASS**

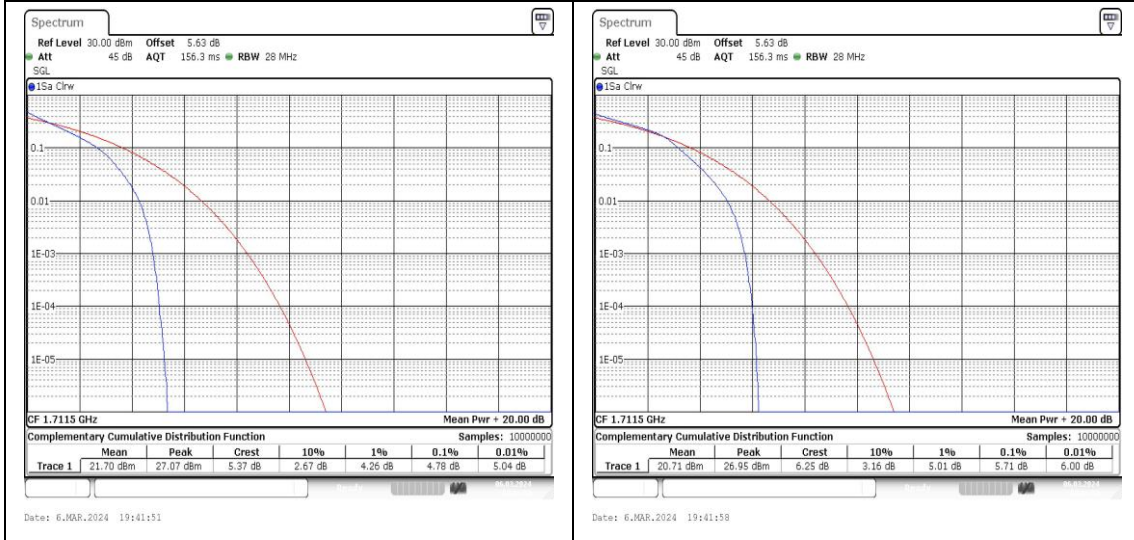


Band4-1.4MHz-QPSK-20175-1RB#0-PASS **Band4-1.4MHz-16QAM-20175-1RB#0-PASS**

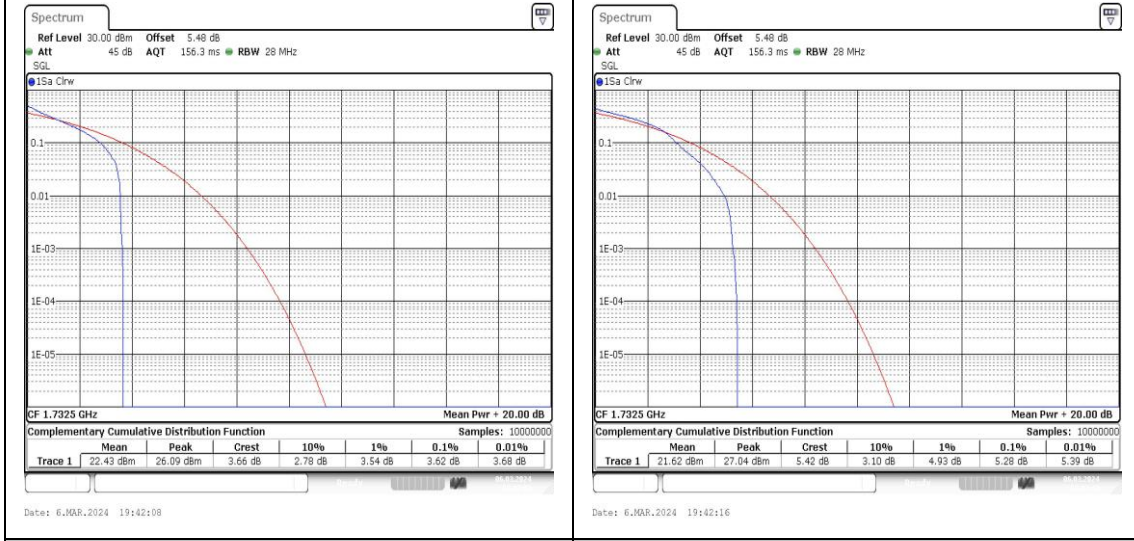




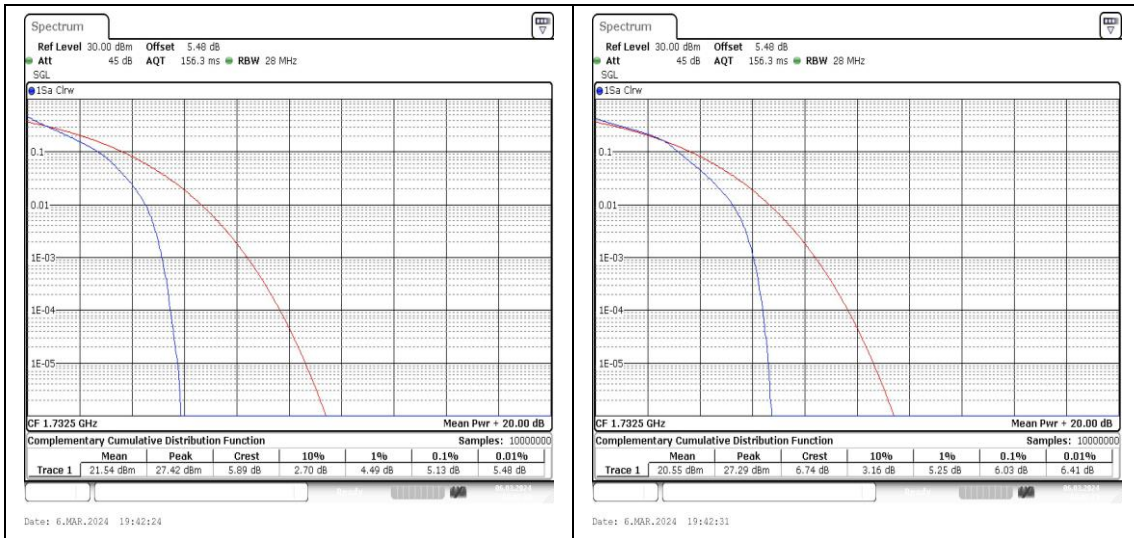
Band4-3MHz-QPSK-19965-1RB#0-PASS **Band4-3MHz-16QAM-19965-1RB#0-PASS**



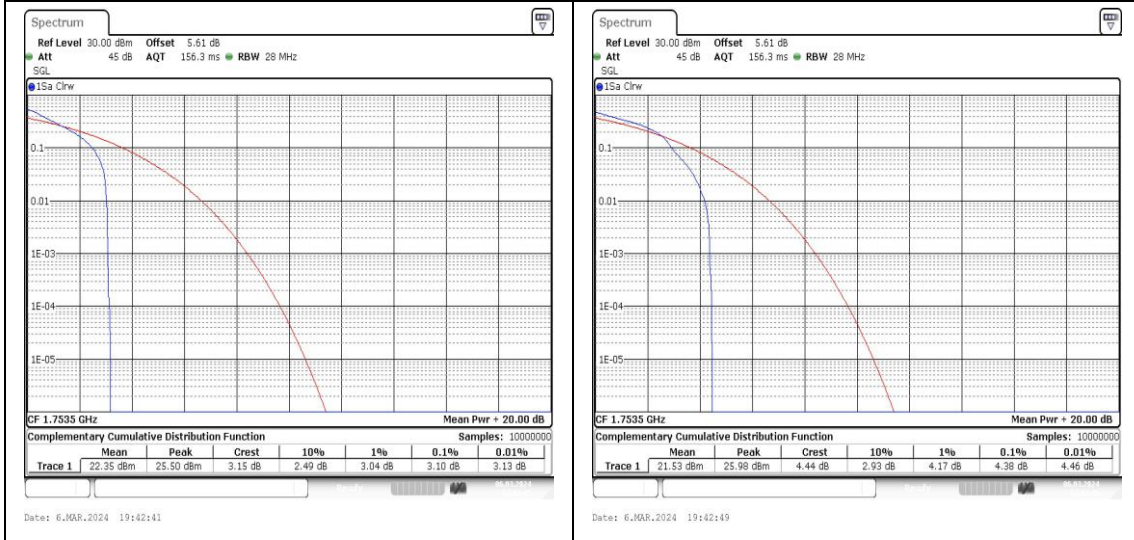
Band4-3MHz-QPSK-19965-15RB#0-PASS **Band4-3MHz-16QAM-19965-15RB#0-PASS**



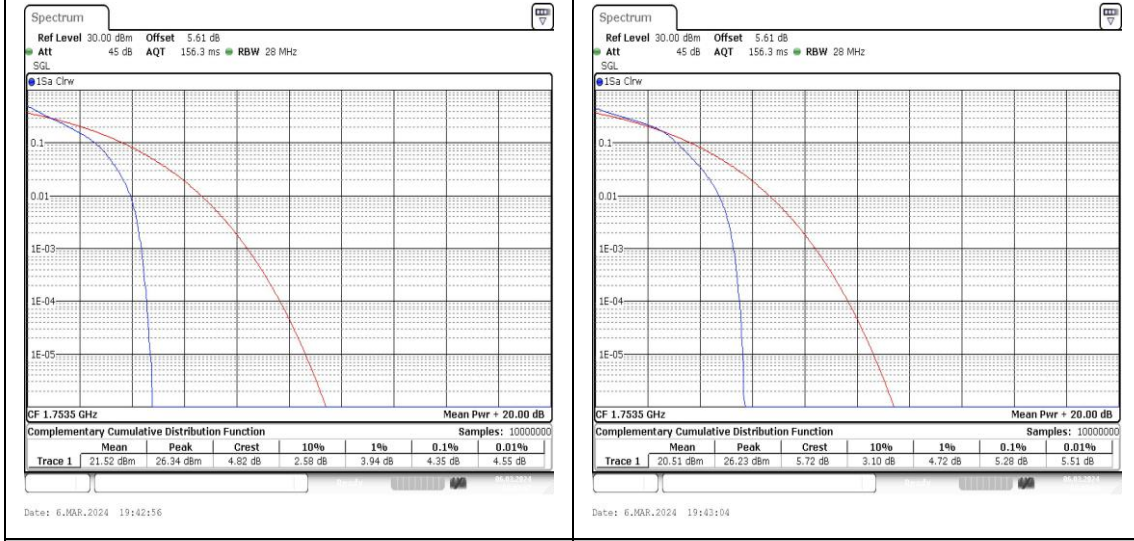
Band4-3MHz-QPSK-20175-1RB#0-PASS **Band4-3MHz-16QAM-20175-1RB#0-PASS**



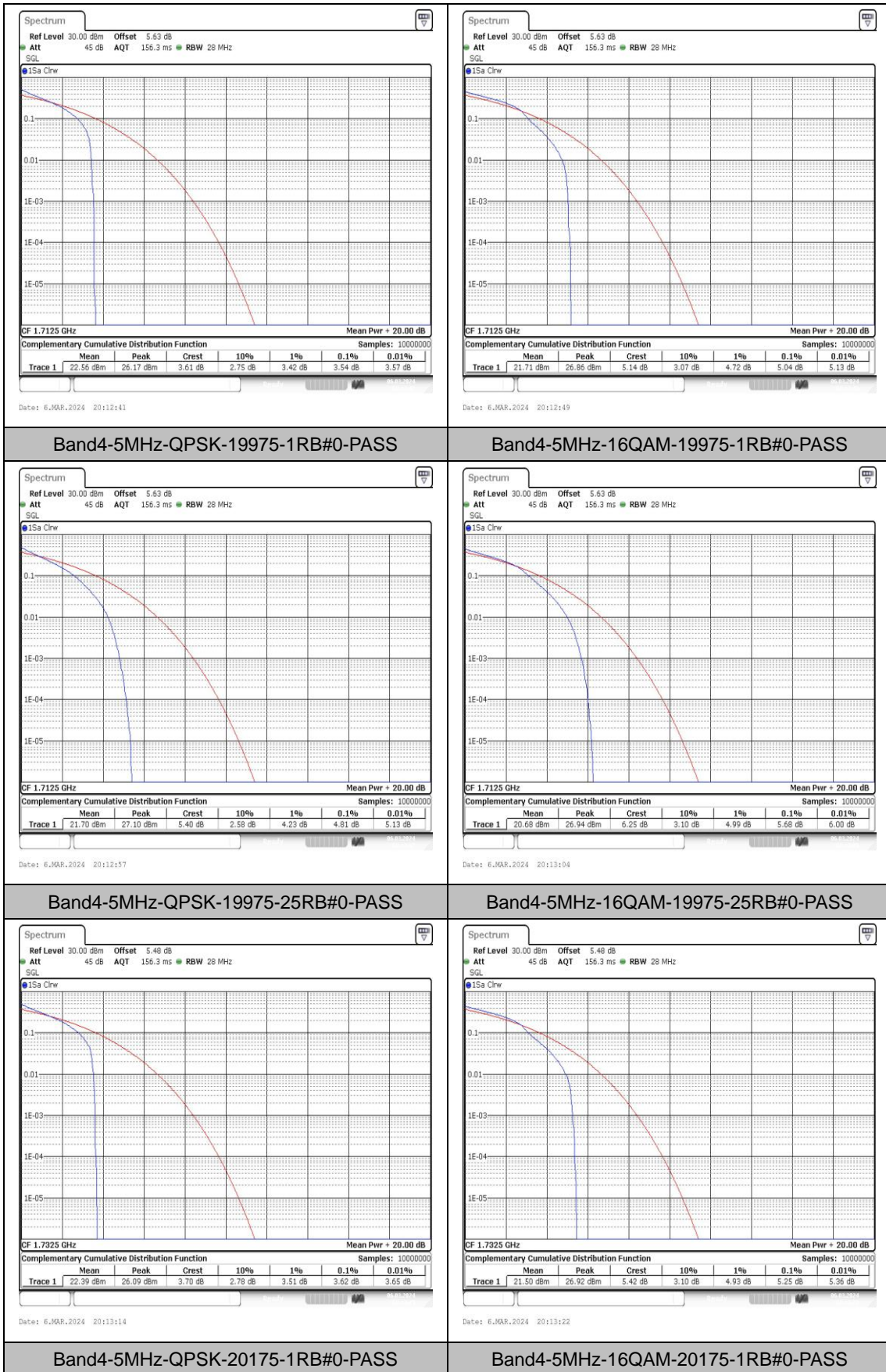
Band4-3MHz-QPSK-20175-15RB#0-PASS **Band4-3MHz-16QAM-20175-15RB#0-PASS**

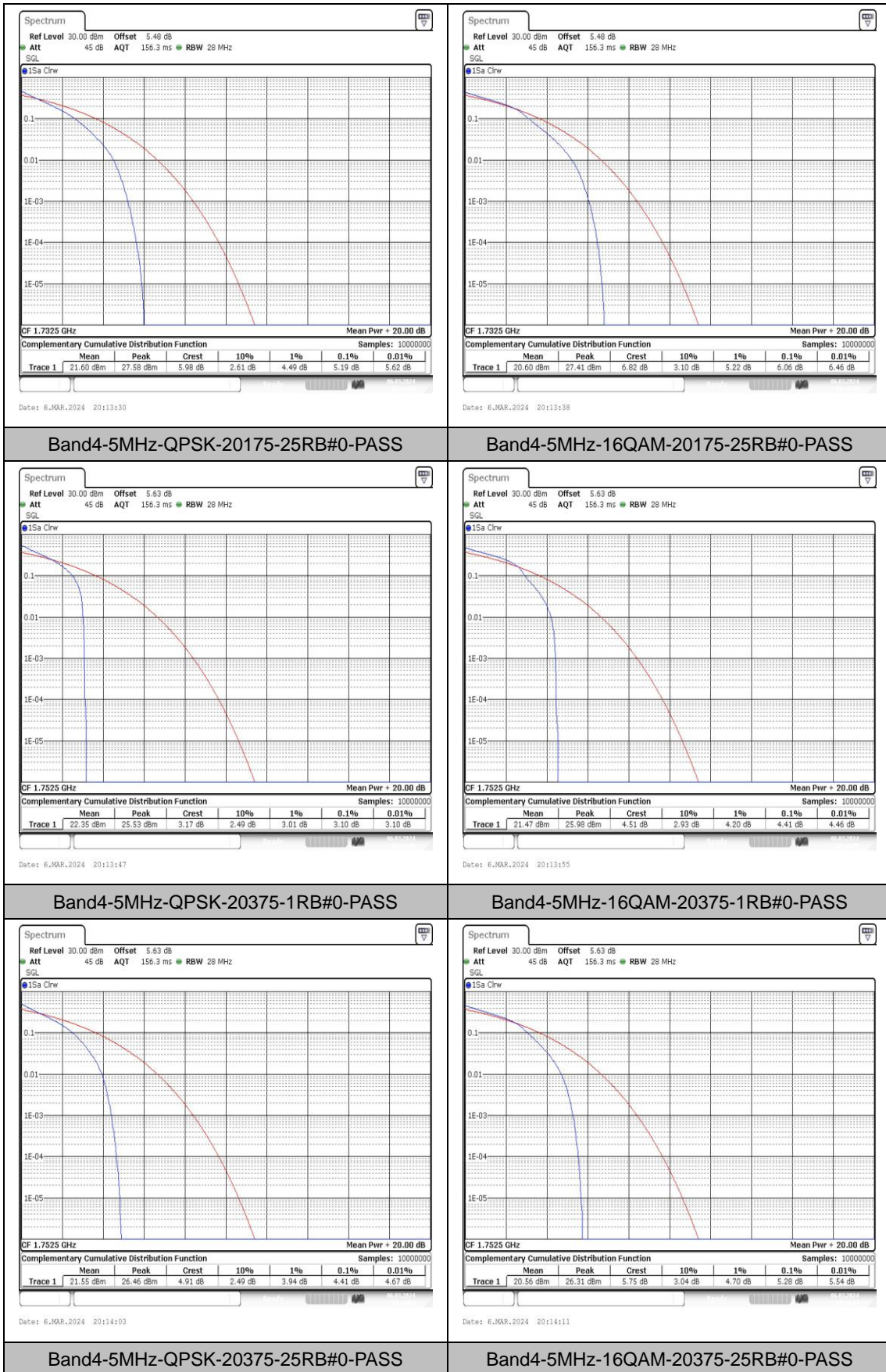


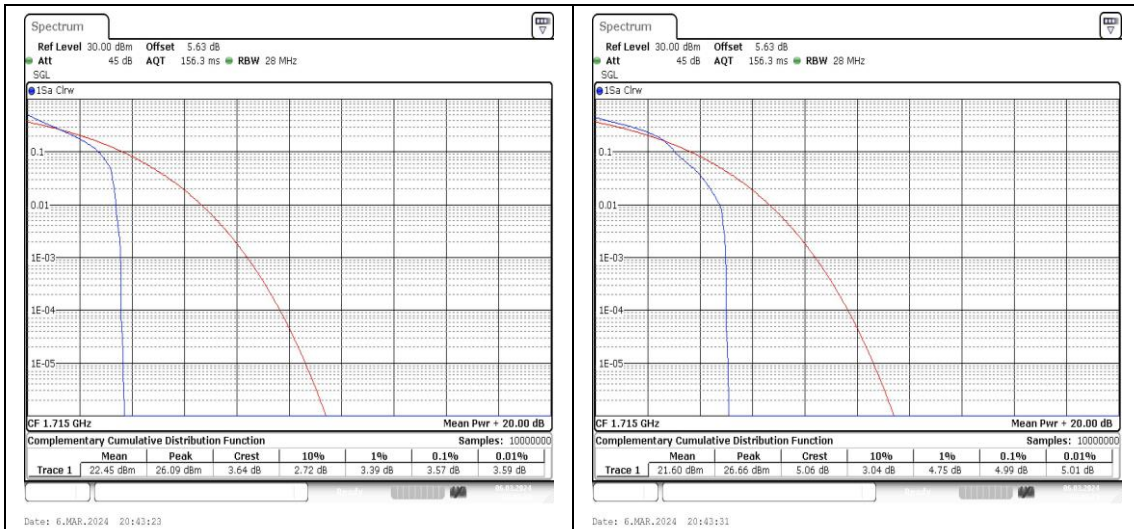
Band4-3MHz-QPSK-20385-1RB#0-PASS **Band4-3MHz-16QAM-20385-1RB#0-PASS**



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

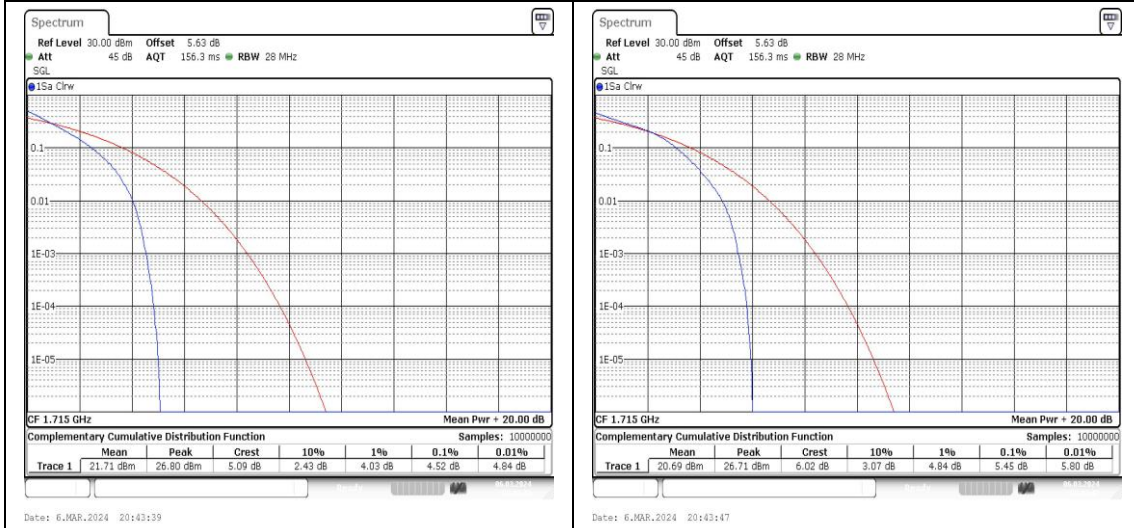






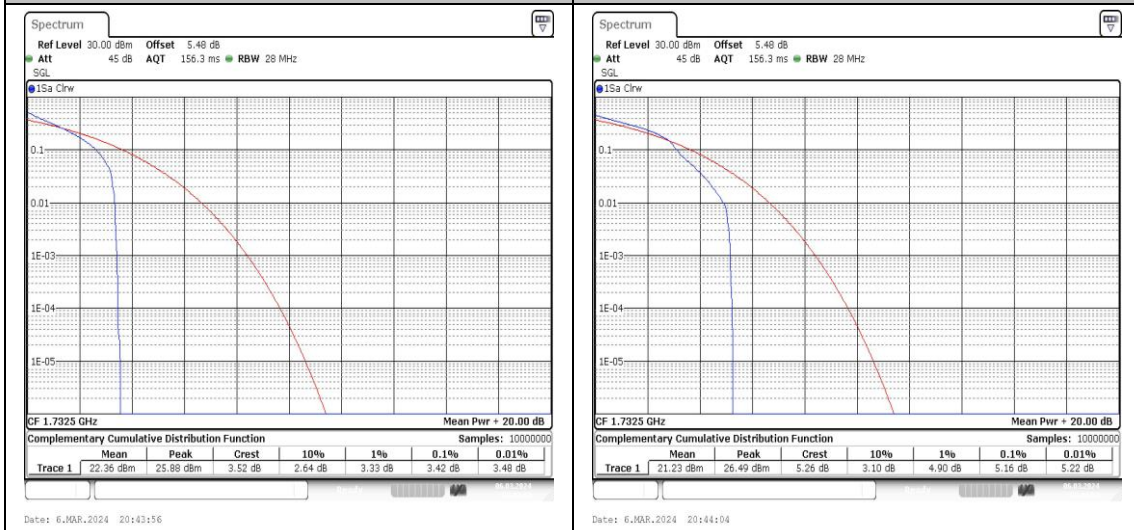
Band4-10MHz-QPSK-20000-1RB#0-PASS

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



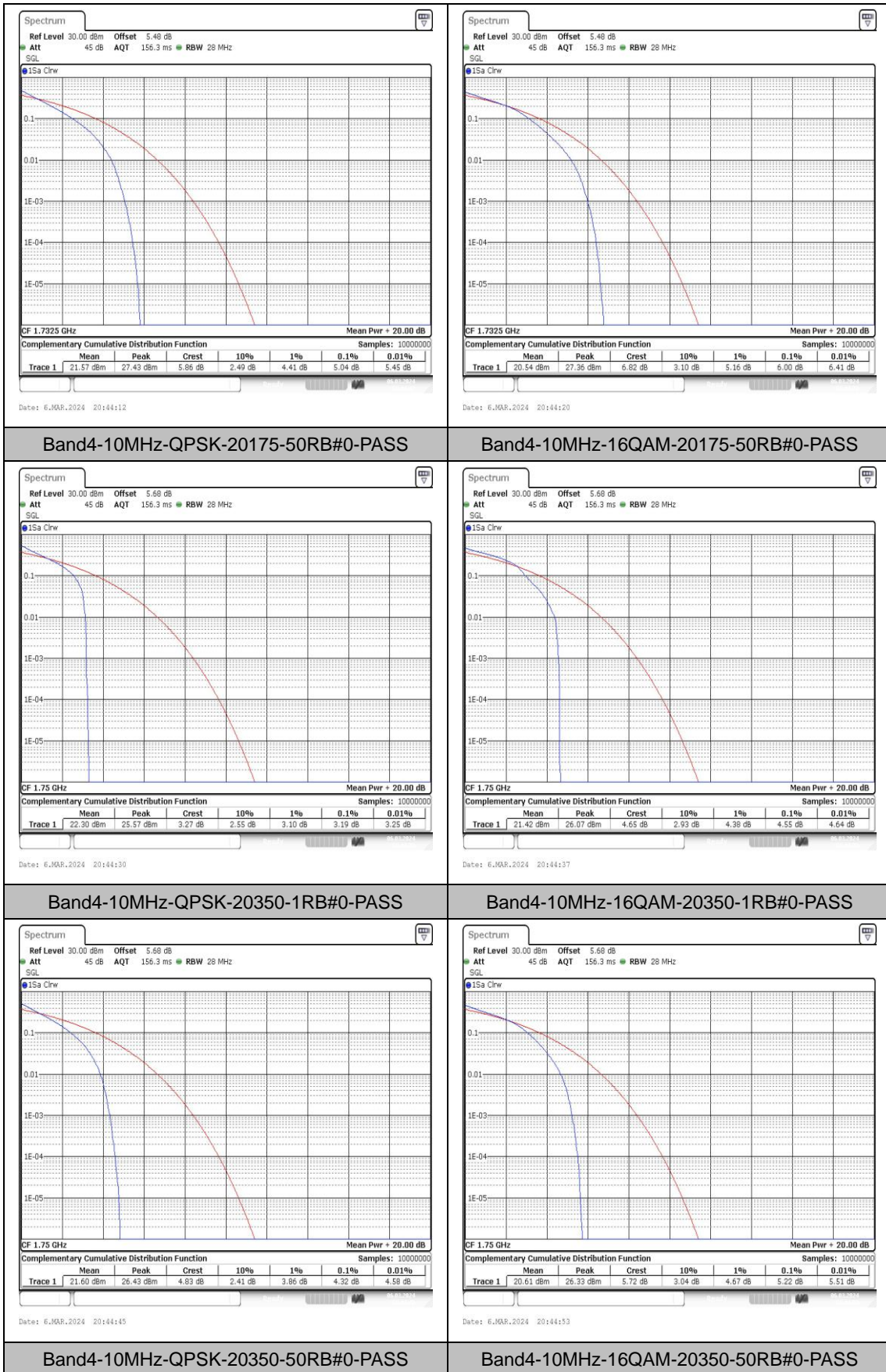
Band4-10MHz-QPSK-20000-50RB#0-PASS

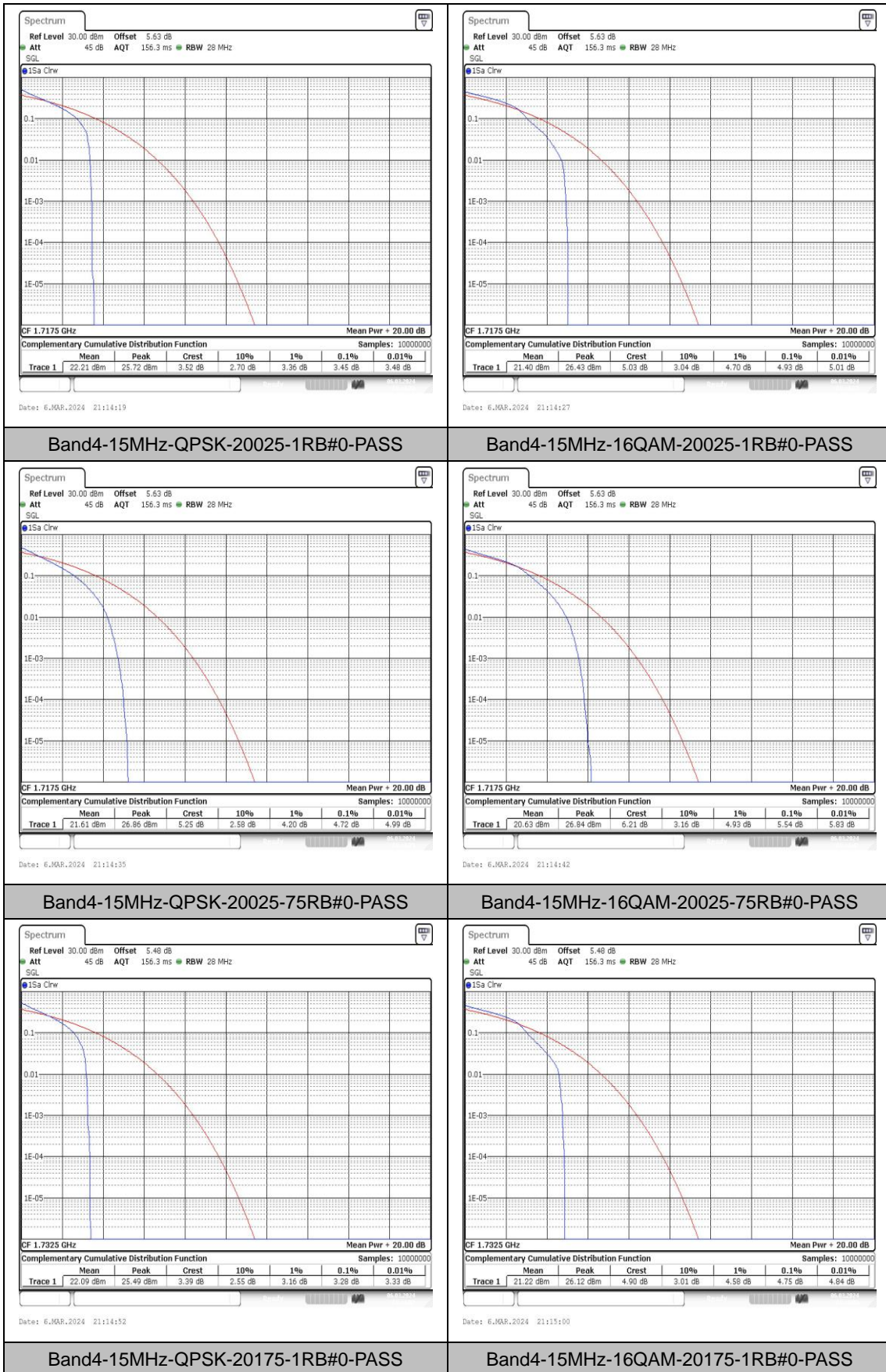
Band4-10MHz-16QAM-20000-50RB#0-PASS

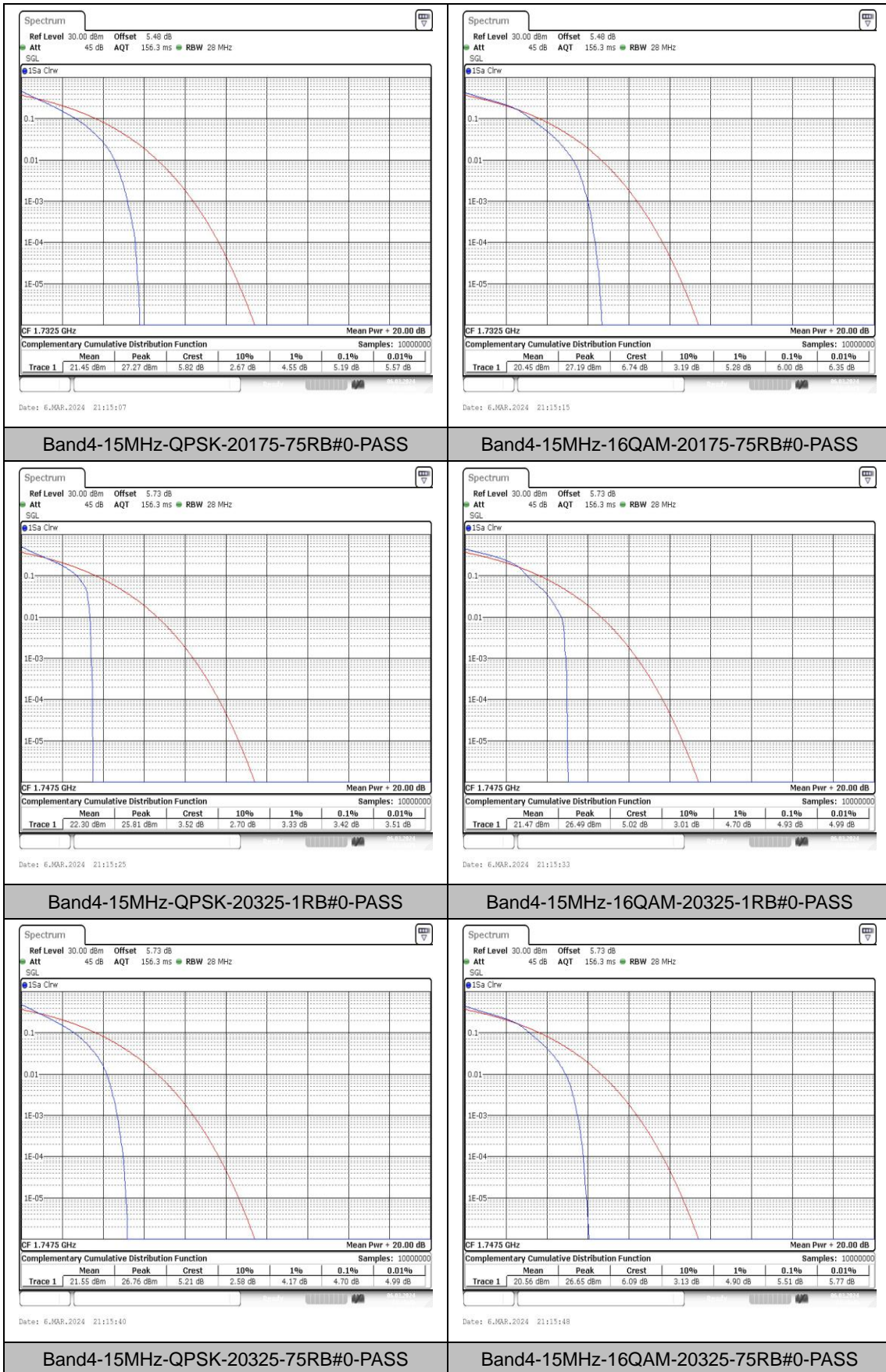


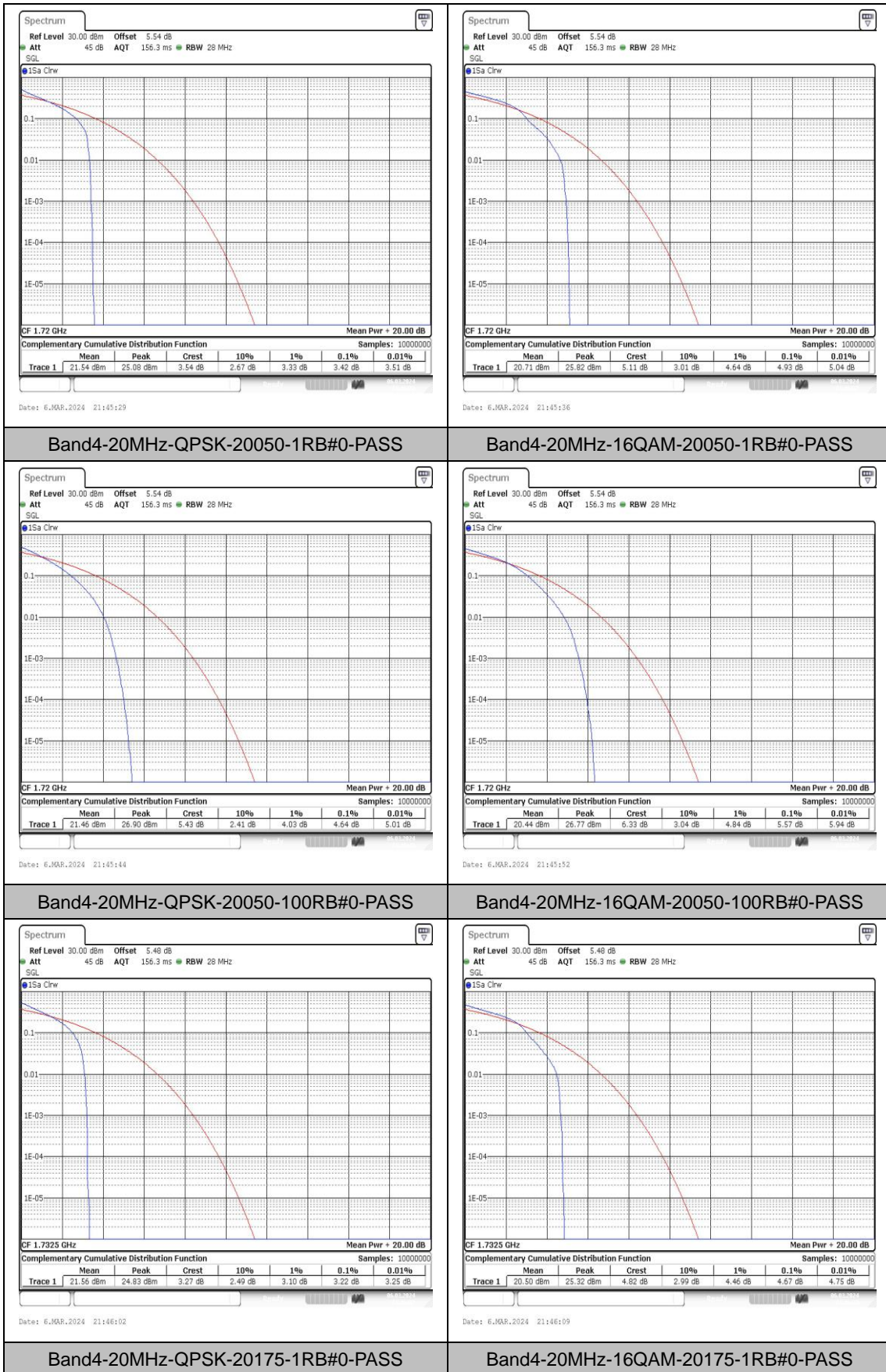
Band4-10MHz-QPSK-20175-1RB#0-PASS

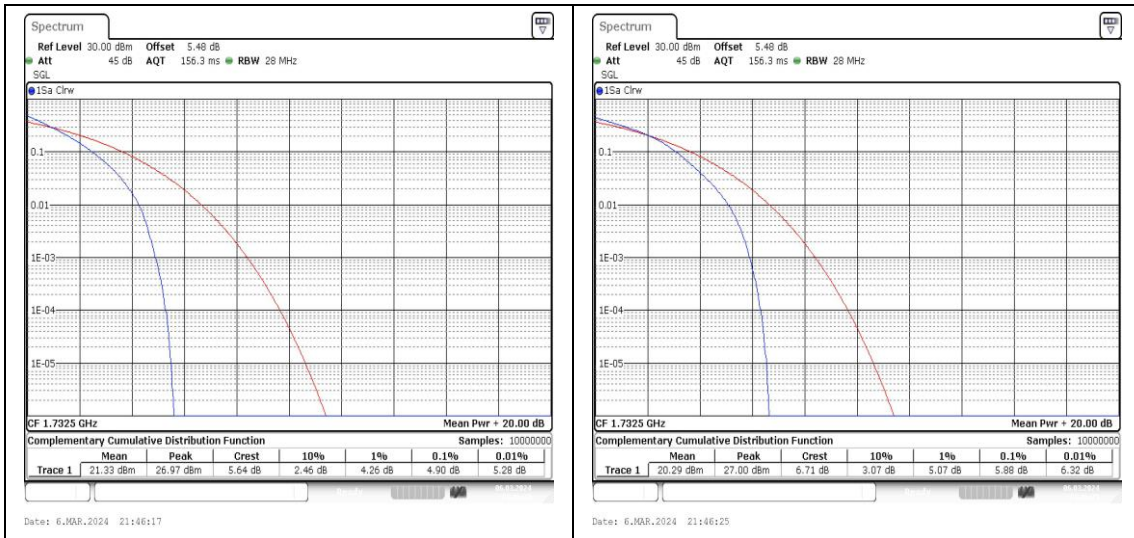
Band4-10MHz-16QAM-20175-1RB#0-PASS



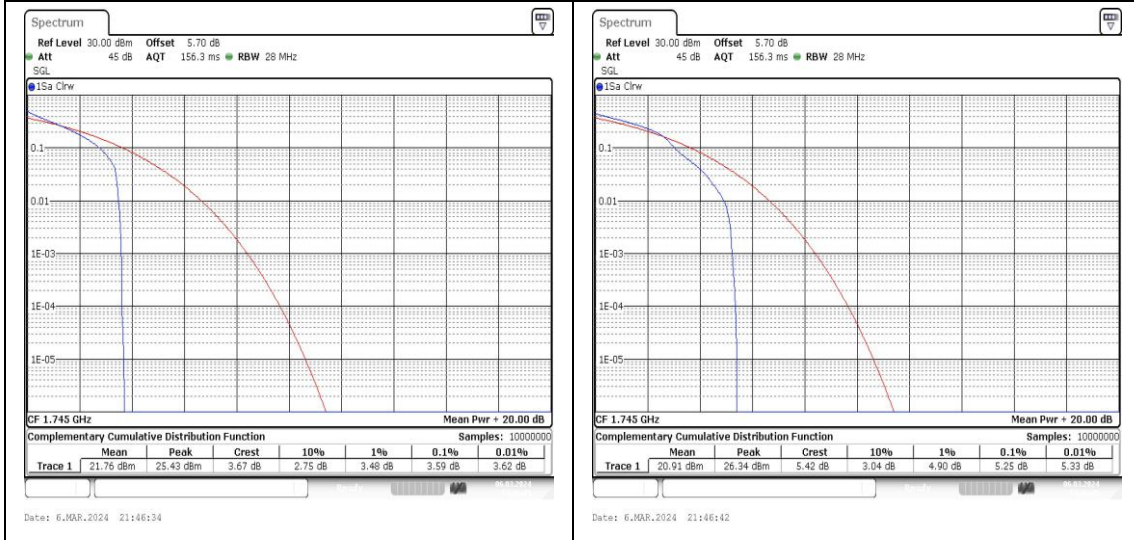




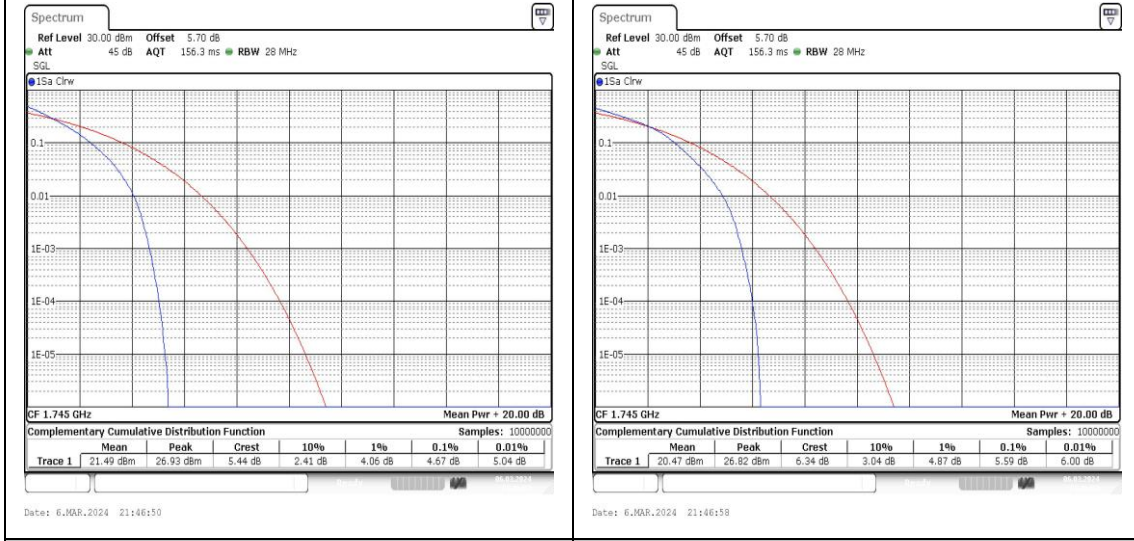




Band4-20MHz-QPSK-20175-100RB#0-PASS **Band4-20MHz-16QAM-20175-100RB#0-PASS**



Band4-20MHz-QPSK-20300-1RB#0-PASS **Band4-20MHz-16QAM-20300-1RB#0-PASS**



Band4-20MHz-QPSK-20300-100RB#0-PASS **Band4-20MHz-16QAM-20300-100RB#0-PASS**

Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.093	1.24	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.093	1.26	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.088	1.24	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.093	1.25	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.088	1.24	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.093	1.24	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.705	2.98	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.696	2.99	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.696	2.96	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.686	3.02	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.705	3.03	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.696	2.96	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.515	5.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.496	4.96	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.515	5.01	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.505	4.97	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.505	5.01	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.505	4.96	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.952	9.90	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.952	9.87	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.985	9.87	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.985	9.90	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.985	9.93	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.952	9.87	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.478	14.85	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.478	14.80	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.478	14.90	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.478	14.85	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.478	14.85	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.478	14.80	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.97	19.80	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.037	19.80	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.037	19.80	PASS
Band4	20MHz	16QAM	20175	100RB#0	18.037	19.80	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.97	22.07	PASS

Band4	20MHz	16QAM	20300	100RB#0	18.037	19.87	PASS
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