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Appendix B.3

LTE Band 4



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Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.91	25.38	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	23.87	25.34	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.94	25.41	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.91	24.38	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.69	25.16	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.9	25.37	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.83	25.3	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.92	24.39	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.79	25.26	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.8	25.27	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.74	25.21	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.83	24.3	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.96	24.43	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	23.12	24.59	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	23.01	24.48	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	22.09	23.56	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	23.02	24.49	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	23.1	24.57	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	23.1	24.57	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	22	23.47	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.96	24.43	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	23.02	24.49	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.91	24.38	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.87	23.34	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	22.05	23.52	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	22.05	23.52	30	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	21.97	23.44	30	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	20.97	22.44	30	PASS



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Band4	1.4MHz	64QAM	20175	1RB#0	22.01	23.48	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	22.15	23.62	30	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	21.98	23.45	30	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.93	22.4	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.96	23.43	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	22.14	23.61	30	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	22.01	23.48	30	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	20.95	22.42	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#0	18.9	20.37	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#2	18.92	20.39	30	PASS
Band4	1.4MHz	256QAM	19957	1RB#5	19.01	20.48	30	PASS
Band4	1.4MHz	256QAM	19957	6RB#0	18.95	20.42	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#0	18.81	20.28	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#2	18.9	20.37	30	PASS
Band4	1.4MHz	256QAM	20175	1RB#5	19.06	20.53	30	PASS
Band4	1.4MHz	256QAM	20175	6RB#0	18.93	20.4	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#0	18.91	20.38	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#2	18.95	20.42	30	PASS
Band4	1.4MHz	256QAM	20393	1RB#5	18.94	20.41	30	PASS
Band4	1.4MHz	256QAM	20393	6RB#0	18.81	20.28	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	24.1	25.57	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	24.18	25.65	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.83	25.3	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	22.91	24.38	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.97	25.44	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.89	25.36	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.85	25.32	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.83	24.3	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.87	25.34	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.95	25.42	30	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.83	25.3	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.9	24.37	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	23.06	24.53	30	PASS



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Band4	3MHz	16QAM	19965	1RB#8	23.11	24.58	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	23.07	24.54	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.99	23.46	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	22.95	24.42	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	23	24.47	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.98	24.45	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.87	23.34	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	23.03	24.5	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.91	24.38	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	23.01	24.48	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.9	23.37	30	PASS
Band4	3MHz	64QAM	19965	1RB#0	23.71	25.18	30	PASS
Band4	3MHz	64QAM	19965	1RB#8	22.21	23.68	30	PASS
Band4	3MHz	64QAM	19965	1RB#14	22.03	23.5	30	PASS
Band4	3MHz	64QAM	19965	15RB#0	20.92	22.39	30	PASS
Band4	3MHz	64QAM	20175	1RB#0	22.12	23.59	30	PASS
Band4	3MHz	64QAM	20175	1RB#8	22.1	23.57	30	PASS
Band4	3MHz	64QAM	20175	1RB#14	22.04	23.51	30	PASS
Band4	3MHz	64QAM	20175	15RB#0	20.84	22.31	30	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.95	23.42	30	PASS
Band4	3MHz	64QAM	20385	1RB#8	22	23.47	30	PASS
Band4	3MHz	64QAM	20385	1RB#14	21.91	23.38	30	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.94	22.41	30	PASS
Band4	3MHz	256QAM	19965	1RB#0	18.93	20.4	30	PASS
Band4	3MHz	256QAM	19965	1RB#8	18.99	20.46	30	PASS
Band4	3MHz	256QAM	19965	1RB#14	19.02	20.49	30	PASS
Band4	3MHz	256QAM	19965	15RB#0	18.88	20.35	30	PASS
Band4	3MHz	256QAM	20175	1RB#0	18.78	20.25	30	PASS
Band4	3MHz	256QAM	20175	1RB#8	18.9	20.37	30	PASS
Band4	3MHz	256QAM	20175	1RB#14	18.97	20.44	30	PASS
Band4	3MHz	256QAM	20175	15RB#0	18.85	20.32	30	PASS
Band4	3MHz	256QAM	20385	1RB#0	18.91	20.38	30	PASS
Band4	3MHz	256QAM	20385	1RB#8	19.05	20.52	30	PASS



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Band4	3MHz	256QAM	20385	1RB#14	18.95	20.42	30	PASS
Band4	3MHz	256QAM	20385	15RB#0	18.88	20.35	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.85	25.32	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	24.13	25.6	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	24.01	25.48	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.97	24.44	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.95	25.42	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	24	25.47	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.85	25.32	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.95	24.42	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.83	25.3	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	24.04	25.51	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.95	25.42	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.83	24.3	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.91	24.38	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	23.29	24.76	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	22.83	24.3	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.95	23.42	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.09	24.56	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	22.97	24.44	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	23.04	24.51	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.92	23.39	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	23	24.47	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	23.15	24.62	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	23.11	24.58	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.89	23.36	30	PASS
Band4	5MHz	64QAM	19975	1RB#0	22.01	23.48	30	PASS
Band4	5MHz	64QAM	19975	1RB#12	22.17	23.64	30	PASS
Band4	5MHz	64QAM	19975	1RB#24	22.07	23.54	30	PASS
Band4	5MHz	64QAM	19975	25RB#0	20.94	22.41	30	PASS
Band4	5MHz	64QAM	20175	1RB#0	22.01	23.48	30	PASS
Band4	5MHz	64QAM	20175	1RB#12	22.19	23.66	30	PASS
Band4	5MHz	64QAM	20175	1RB#24	22.02	23.49	30	PASS



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Band4	5MHz	64QAM	20375	1RB#0	22.02	23.49	30	PASS
Band4	5MHz	64QAM	20375	1RB#12	22.09	23.56	30	PASS
Band4	5MHz	64QAM	20375	1RB#24	22.11	23.58	30	PASS
Band4	5MHz	64QAM	20375	25RB#0	20.84	22.31	30	PASS
Band4	5MHz	256QAM	19975	1RB#0	18.9	20.37	30	PASS
Band4	5MHz	256QAM	19975	1RB#12	19.09	20.56	30	PASS
Band4	5MHz	256QAM	19975	1RB#24	19.08	20.55	30	PASS
Band4	5MHz	256QAM	19975	25RB#0	18.97	20.44	30	PASS
Band4	5MHz	256QAM	20175	1RB#0	18.9	20.37	30	PASS
Band4	5MHz	256QAM	20175	1RB#12	19.17	20.64	30	PASS
Band4	5MHz	256QAM	20175	1RB#24	18.93	20.4	30	PASS
Band4	5MHz	256QAM	20175	25RB#0	18.81	20.28	30	PASS
Band4	5MHz	256QAM	20375	1RB#0	18.77	20.24	30	PASS
Band4	5MHz	256QAM	20375	1RB#12	18.99	20.46	30	PASS
Band4	5MHz	256QAM	20375	1RB#24	18.96	20.43	30	PASS
Band4	5MHz	256QAM	20375	25RB#0	18.88	20.35	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	24.1	25.57	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.93	25.4	30	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.84	25.31	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.97	24.44	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	23.89	25.36	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.92	25.39	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.89	25.36	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.95	24.42	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.71	25.18	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.97	25.44	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.87	25.34	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.9	24.37	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.11	24.58	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	23.03	24.5	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	23.2	24.67	30	PASS
Band4	10MHz	16QAM	20000	50RB#0	22.03	23.5	30	PASS



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Band4	10MHz	16QAM	20175	1RB#24	23.11	24.58	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	23.01	24.48	30	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.94	23.41	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.84	24.31	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.01	24.48	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.96	24.43	30	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.95	23.42	30	PASS
Band4	10MHz	64QAM	20000	1RB#0	22.12	23.59	30	PASS
Band4	10MHz	64QAM	20000	1RB#24	22.24	23.71	30	PASS
Band4	10MHz	64QAM	20000	1RB#49	22.23	23.7	30	PASS
Band4	10MHz	64QAM	20000	50RB#0	21.03	22.5	30	PASS
Band4	10MHz	64QAM	20175	1RB#0	22.28	23.75	30	PASS
Band4	10MHz	64QAM	20175	1RB#24	22.22	23.69	30	PASS
Band4	10MHz	64QAM	20175	1RB#49	22.09	23.56	30	PASS
Band4	10MHz	64QAM	20175	50RB#0	20.92	22.39	30	PASS
Band4	10MHz	64QAM	20350	1RB#0	22.02	23.49	30	PASS
Band4	10MHz	64QAM	20350	1RB#24	22.14	23.61	30	PASS
Band4	10MHz	64QAM	20350	1RB#49	22.03	23.5	30	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.94	22.41	30	PASS
Band4	10MHz	256QAM	20000	1RB#0	18.96	20.43	30	PASS
Band4	10MHz	256QAM	20000	1RB#24	19.08	20.55	30	PASS
Band4	10MHz	256QAM	20000	1RB#49	18.9	20.37	30	PASS
Band4	10MHz	256QAM	20000	50RB#0	19	20.47	30	PASS
Band4	10MHz	256QAM	20175	1RB#0	19.04	20.51	30	PASS
Band4	10MHz	256QAM	20175	1RB#24	18.98	20.45	30	PASS
Band4	10MHz	256QAM	20175	1RB#49	19.15	20.62	30	PASS
Band4	10MHz	256QAM	20175	50RB#0	18.94	20.41	30	PASS
Band4	10MHz	256QAM	20350	1RB#0	18.89	20.36	30	PASS
Band4	10MHz	256QAM	20350	1RB#24	18.96	20.43	30	PASS
Band4	10MHz	256QAM	20350	1RB#49	18.98	20.45	30	PASS
Band4	10MHz	256QAM	20350	50RB#0	18.91	20.38	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	23.54	25.01	30	PASS



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Band4	15MHz	QPSK	20025	1RB#38	23.96	25.43	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.88	25.35	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.89	24.36	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.84	25.31	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.75	25.22	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.88	25.35	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.73	24.2	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.94	25.41	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.81	25.28	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	24.01	25.48	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.8	24.27	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.9	24.37	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.85	24.32	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.89	24.36	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.88	23.35	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.75	24.22	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.94	24.41	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.9	24.37	30	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.78	23.25	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.75	24.22	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.81	24.28	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	23.03	24.5	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.75	23.22	30	PASS
Band4	15MHz	64QAM	20025	1RB#0	21.87	23.34	30	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.99	23.46	30	PASS
Band4	15MHz	64QAM	20025	1RB#74	22.1	23.57	30	PASS
Band4	15MHz	64QAM	20025	75RB#0	20.89	22.36	30	PASS
Band4	15MHz	64QAM	20175	1RB#0	21.9	23.37	30	PASS
Band4	15MHz	64QAM	20175	1RB#38	22.07	23.54	30	PASS
Band4	15MHz	64QAM	20175	1RB#74	21.89	23.36	30	PASS
Band4	15MHz	64QAM	20175	75RB#0	20.73	22.2	30	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.97	23.44	30	PASS
Band4	15MHz	64QAM	20325	1RB#38	21.8	23.27	30	PASS



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Band4	15MHz	64QAM	20325	1RB#74	21.85	23.32	30	PASS
Band4	15MHz	64QAM	20325	75RB#0	20.8	22.27	30	PASS
Band4	15MHz	256QAM	20025	1RB#0	18.56	20.03	30	PASS
Band4	15MHz	256QAM	20025	1RB#38	18.97	20.44	30	PASS
Band4	15MHz	256QAM	20025	1RB#74	18.73	20.2	30	PASS
Band4	15MHz	256QAM	20025	75RB#0	18.87	20.34	30	PASS
Band4	15MHz	256QAM	20175	1RB#0	19.01	20.48	30	PASS
Band4	15MHz	256QAM	20175	1RB#38	18.76	20.23	30	PASS
Band4	15MHz	256QAM	20175	1RB#74	19.07	20.54	30	PASS
Band4	15MHz	256QAM	20175	75RB#0	18.75	20.22	30	PASS
Band4	15MHz	256QAM	20325	1RB#0	18.71	20.18	30	PASS
Band4	15MHz	256QAM	20325	1RB#38	18.9	20.37	30	PASS
Band4	15MHz	256QAM	20325	1RB#74	19.14	20.61	30	PASS
Band4	15MHz	256QAM	20325	75RB#0	18.82	20.29	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.66	25.13	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.82	25.29	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.87	25.34	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.9	24.37	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.69	25.16	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.69	25.16	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.95	25.42	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.75	24.22	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.72	25.19	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.7	25.17	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	24.1	25.57	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.78	24.25	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.73	24.2	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	23.29	24.76	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.96	24.43	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.85	23.32	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.78	24.25	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.85	24.32	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.89	24.36	30	PASS



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Band4	20MHz	16QAM	20175	100RB#0	21.8	23.27	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.89	24.36	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.8	24.27	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	23	24.47	30	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.73	23.2	30	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.77	23.24	30	PASS
Band4	20MHz	64QAM	20050	1RB#49	22.07	23.54	30	PASS
Band4	20MHz	64QAM	20050	1RB#99	22.01	23.48	30	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.92	22.39	30	PASS
Band4	20MHz	64QAM	20175	1RB#0	22.05	23.52	30	PASS
Band4	20MHz	64QAM	20175	1RB#49	21.95	23.42	30	PASS
Band4	20MHz	64QAM	20175	1RB#99	22.03	23.5	30	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.78	22.25	30	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.96	23.43	30	PASS
Band4	20MHz	64QAM	20300	1RB#49	22.15	23.62	30	PASS
Band4	20MHz	64QAM	20300	1RB#99	22.13	23.6	30	PASS
Band4	20MHz	64QAM	20300	100RB#0	20.69	22.16	30	PASS
Band4	20MHz	256QAM	20050	1RB#0	18.71	20.18	30	PASS
Band4	20MHz	256QAM	20050	1RB#49	18.8	20.27	30	PASS
Band4	20MHz	256QAM	20050	1RB#99	19.12	20.59	30	PASS
Band4	20MHz	256QAM	20050	100RB#0	18.87	20.34	30	PASS
Band4	20MHz	256QAM	20175	1RB#0	18.71	20.18	30	PASS
Band4	20MHz	256QAM	20175	1RB#49	18.89	20.36	30	PASS
Band4	20MHz	256QAM	20175	1RB#99	19.03	20.5	30	PASS
Band4	20MHz	256QAM	20175	100RB#0	18.77	20.24	30	PASS
Band4	20MHz	256QAM	20300	1RB#0	18.7	20.17	30	PASS
Band4	20MHz	256QAM	20300	1RB#49	18.73	20.2	30	PASS
Band4	20MHz	256QAM	20300	1RB#99	18.91	20.38	30	PASS
Band4	20MHz	256QAM	20300	100RB#0	18.68	20.15	30	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	5.42	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.22	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.34	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	6.36	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.94	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.94	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.90	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.54	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.46	13	PASS
Band4	20MHz	256QAM	20050	100RB#0	7.20	13	PASS
Band4	20MHz	256QAM	20175	100RB#0	7.08	13	PASS
Band4	20MHz	256QAM	20300	100RB#0	7.12	13	PASS



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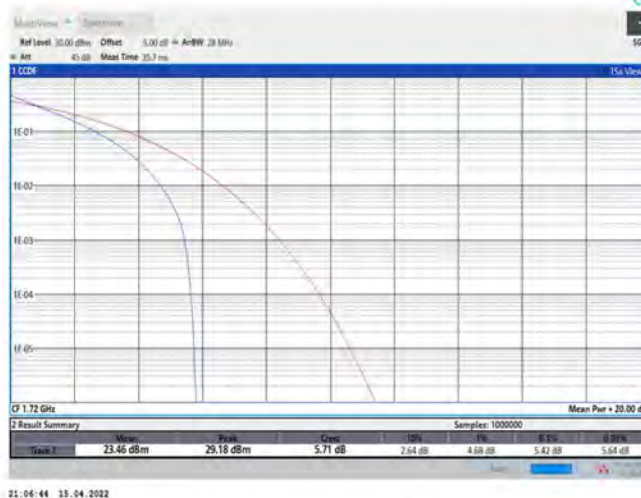
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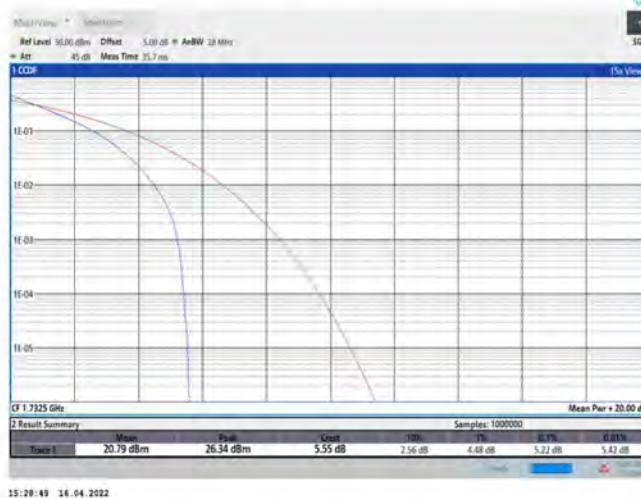
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Test Graphs

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



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



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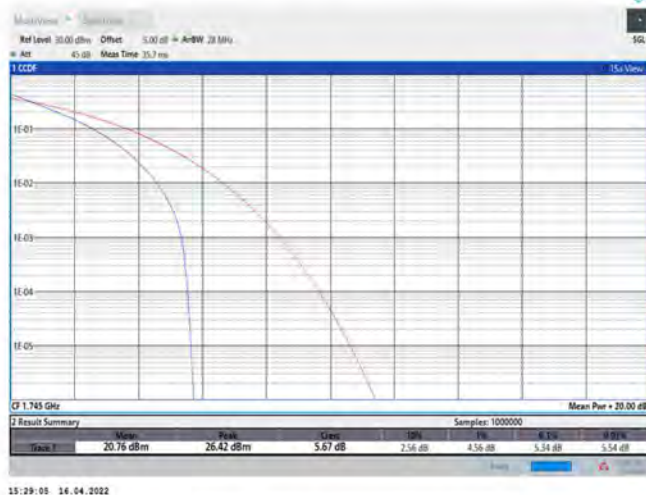
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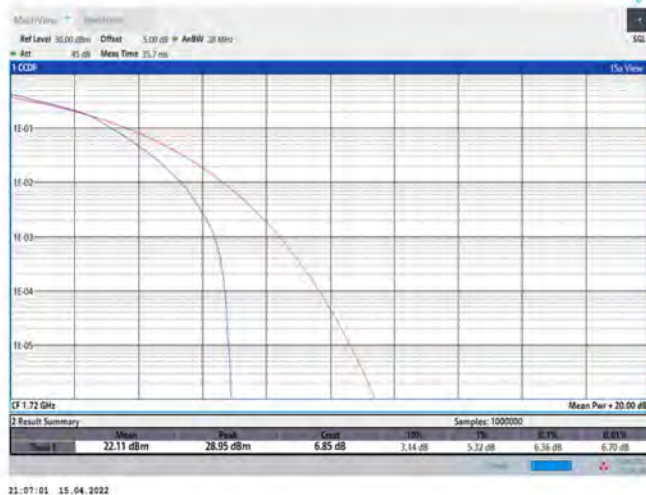
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Band4-20MHz-QPSK-20300-100RB#0



Band4-20MHz-16QAM-20050-100RB#0



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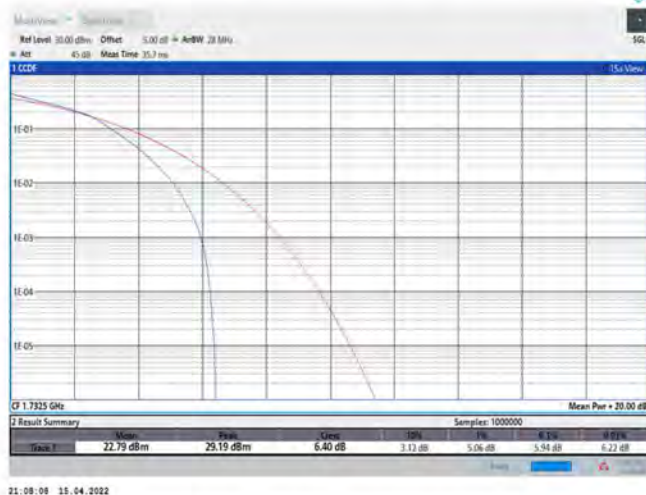
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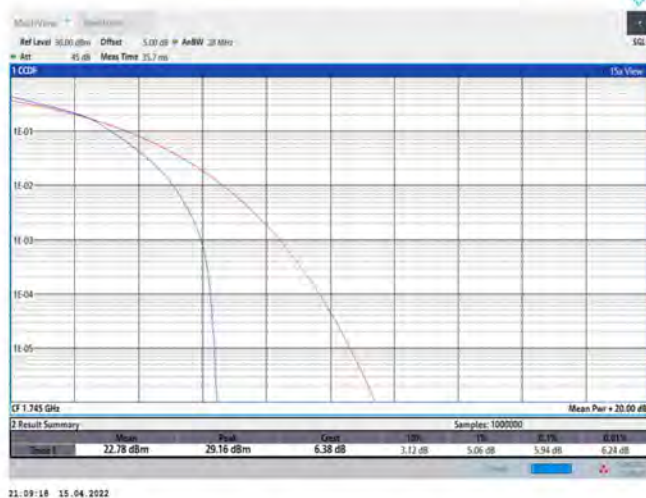
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Band4-20MHz-16QAM-20175-100RB#0



Band4-20MHz-16QAM-20300-100RB#0



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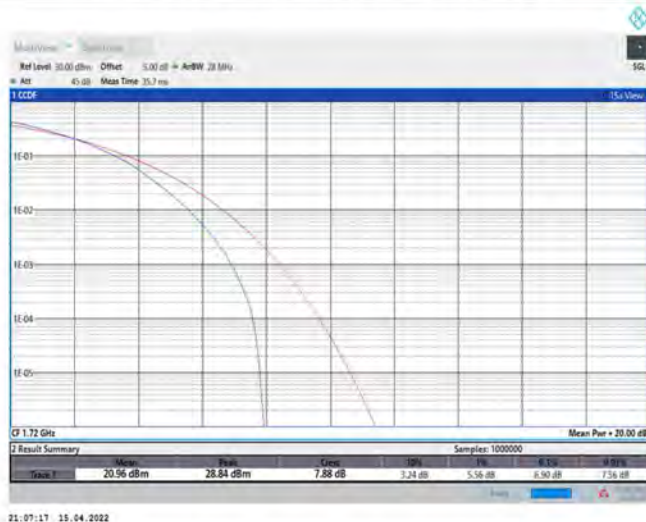
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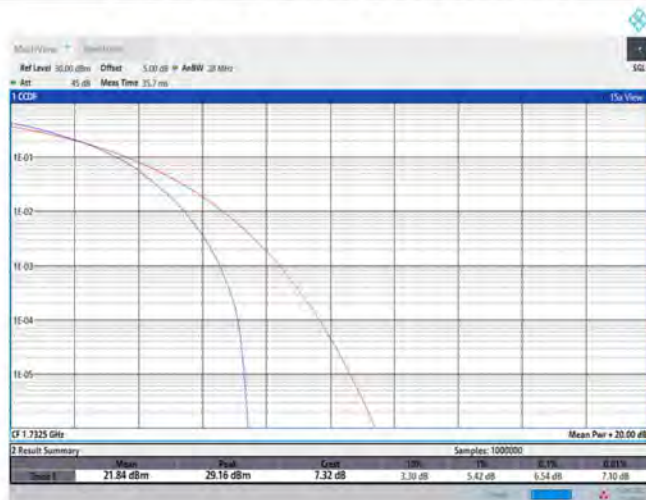
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Band4-20MHz-64QAM-20050-100RB#0



21:07:17 15.04.2022

Band4-20MHz-64QAM-20175-100RB#0



21:08:25 15.04.2022



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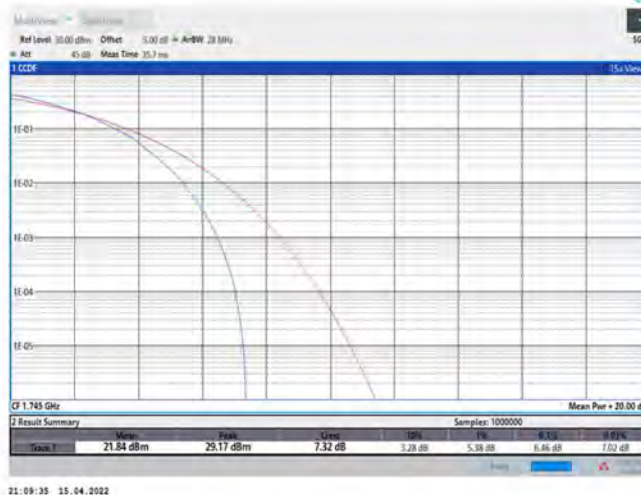
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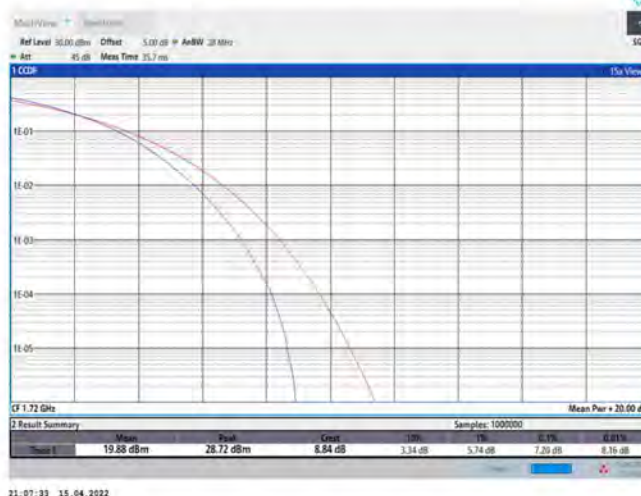
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Band4-20MHz-64QAM-20300-100RB#0



Band4-20MHz-256QAM-20050-100RB#0



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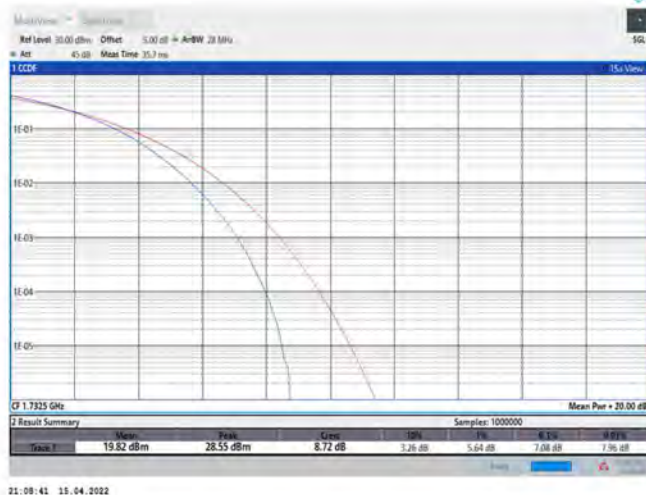
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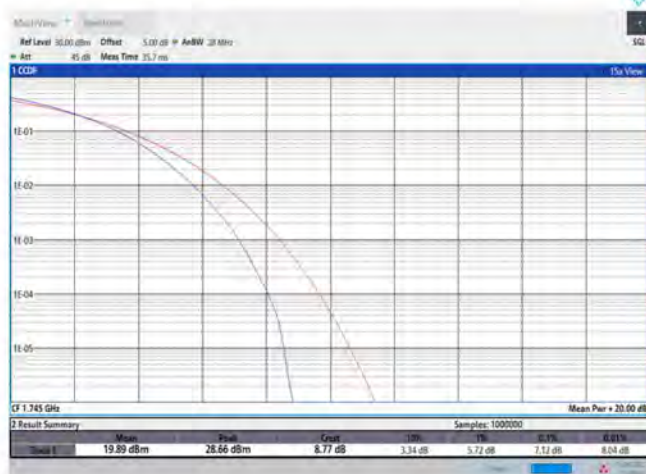
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Band4-20MHz-256QAM-20175-100RB#0



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Band4-20MHz-256QAM-20300-100RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band4	20MHz	QPSK	20175	100RB#0	PASS	PASS
Band4	20MHz	16QAM	20175	100RB#0	PASS	PASS
Band4	20MHz	64QAM	20175	100RB#0	PASS	PASS
Band4	20MHz	256QAM	20175	100RB#0	PASS	PASS



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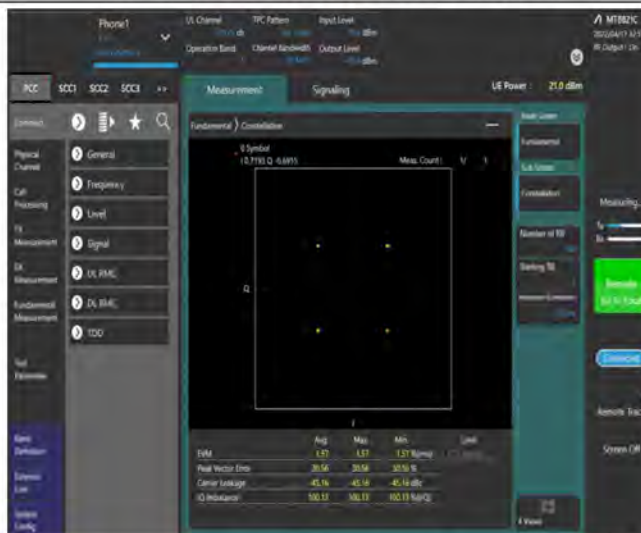
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Test Graphs

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



Band4-20MHz-16QAM-20175-100RB#0



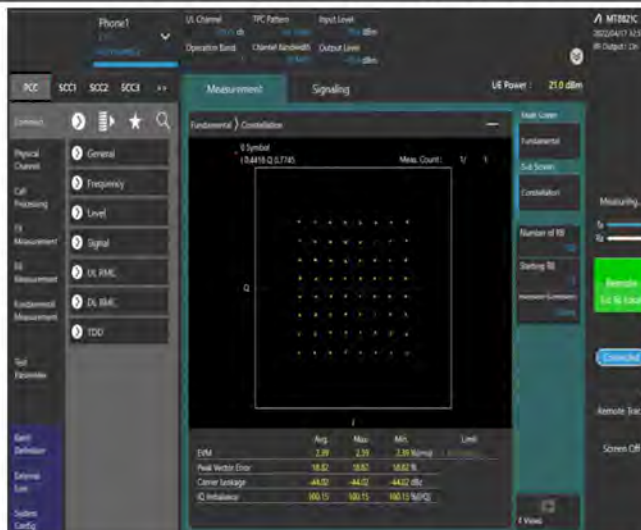
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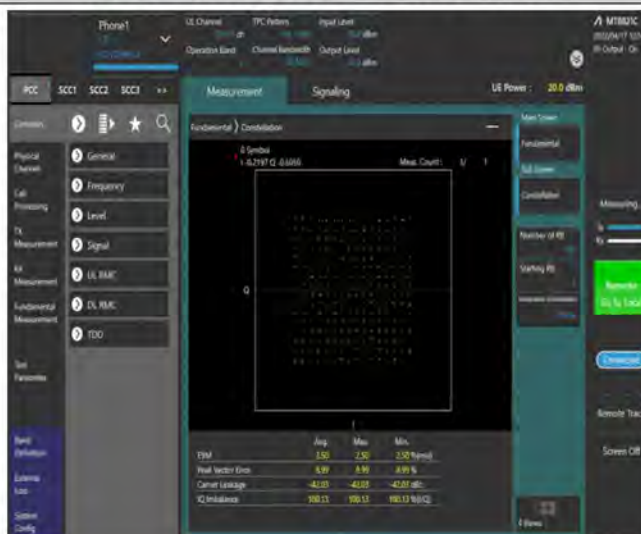
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Band4-20MHz-64QAM-20175-100RB#0



Band4-20MHz-256QAM-20175-100RB#0



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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	1.108	1.37	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.108	1.37	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.105	1.37	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.109	1.44	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.107	1.40	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.110	1.39	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.109	1.38	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.109	1.40	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.109	1.42	PASS
Band4	1.4MHz	256QAM	19957	6RB#0	1.108	1.42	PASS
Band4	1.4MHz	256QAM	20175	6RB#0	1.105	1.39	PASS
Band4	1.4MHz	256QAM	20393	6RB#0	1.106	1.41	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.692	3.05	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.697	3.03	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.694	3.04	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.706	3.05	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.699	3.04	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.700	3.08	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.704	3.04	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.699	3.05	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.701	3.06	PASS
Band4	3MHz	256QAM	19965	15RB#0	2.696	3.05	PASS
Band4	3MHz	256QAM	20175	15RB#0	2.702	3.04	PASS
Band4	3MHz	256QAM	20385	15RB#0	2.702	3.05	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.480	5.02	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.478	5.07	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.477	5.08	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.483	5.01	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.480	5.06	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.482	5.04	PASS



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Band4	5MHz	64QAM	20175	25RB#0	4.484	5.05	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.482	5.08	PASS
Band4	5MHz	256QAM	19975	25RB#0	4.482	5.06	PASS
Band4	5MHz	256QAM	20175	25RB#0	4.481	5.10	PASS
Band4	5MHz	256QAM	20375	25RB#0	4.482	5.03	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.967	9.92	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.940	9.82	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.939	9.92	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.963	9.88	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.966	9.90	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.959	9.92	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.948	9.92	PASS
Band4	10MHz	64QAM	20175	50RB#0	8.953	9.88	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.958	9.82	PASS
Band4	10MHz	256QAM	20000	50RB#0	8.949	9.90	PASS
Band4	10MHz	256QAM	20175	50RB#0	8.943	9.88	PASS
Band4	10MHz	256QAM	20350	50RB#0	8.959	9.94	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.513	15.12	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.483	14.94	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.500	15.09	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.510	15.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.488	14.97	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.504	15.06	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.502	15.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.494	14.97	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.499	15.12	PASS
Band4	15MHz	256QAM	20025	75RB#0	13.501	15.00	PASS
Band4	15MHz	256QAM	20175	75RB#0	13.471	15.03	PASS
Band4	15MHz	256QAM	20325	75RB#0	13.512	15.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.938	19.72	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.885	19.60	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.949	19.68	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.950	19.68	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.903	19.56	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.940	19.52	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.955	19.76	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.903	19.68	PASS



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Band4	20MHz	64QAM	20300	100RB#0	17.949	19.60	PASS
Band4	20MHz	256QAM	20050	100RB#0	17.986	19.88	PASS
Band4	20MHz	256QAM	20175	100RB#0	17.899	19.64	PASS
Band4	20MHz	256QAM	20300	100RB#0	17.938	19.84	PASS



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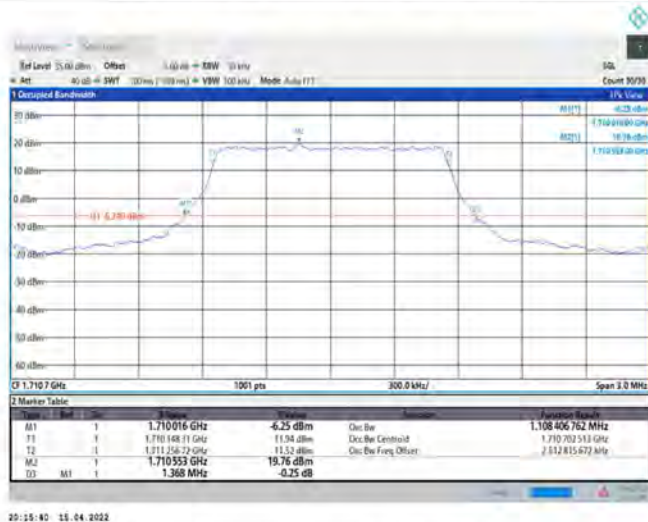
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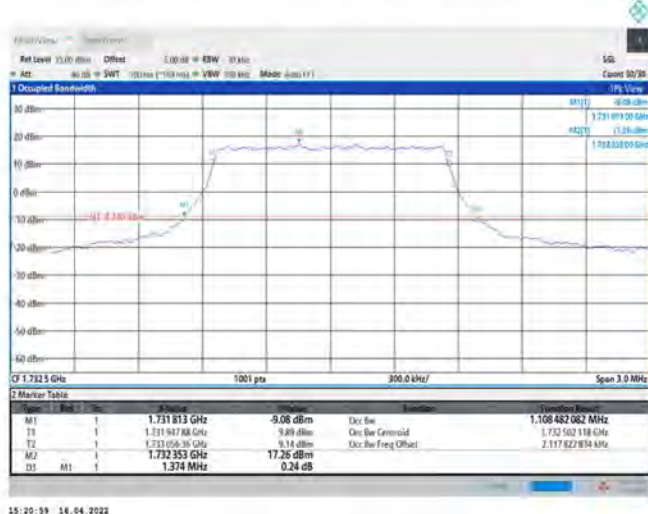
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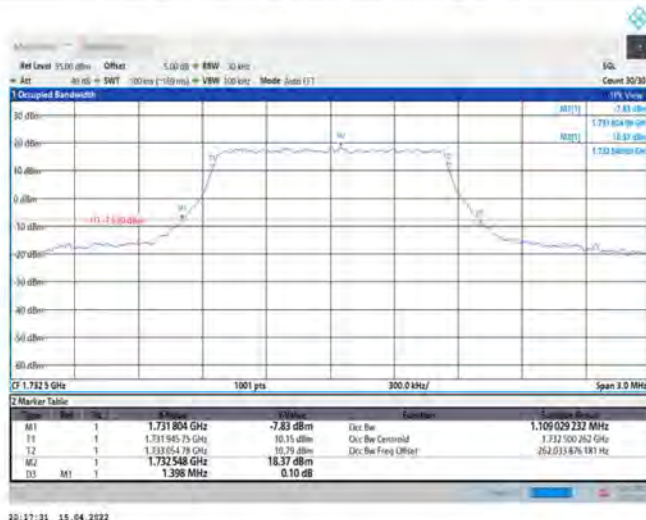
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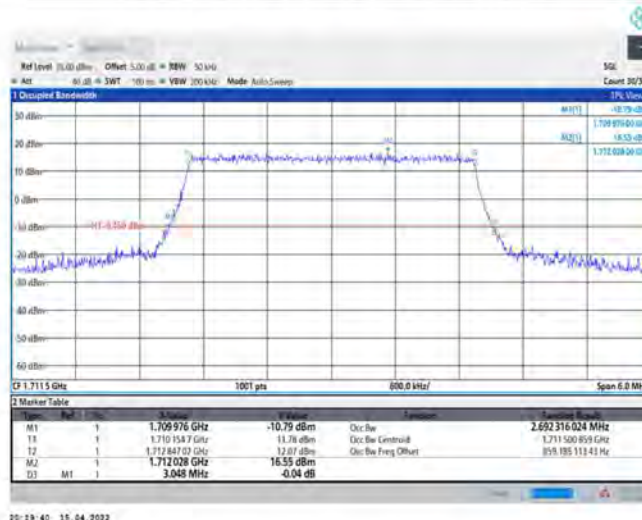
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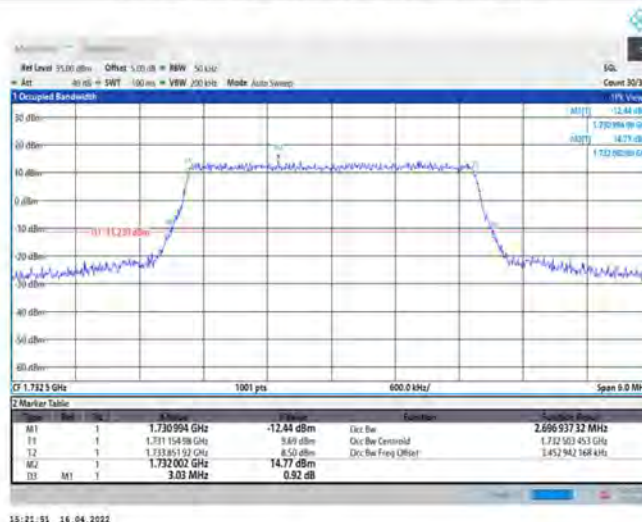
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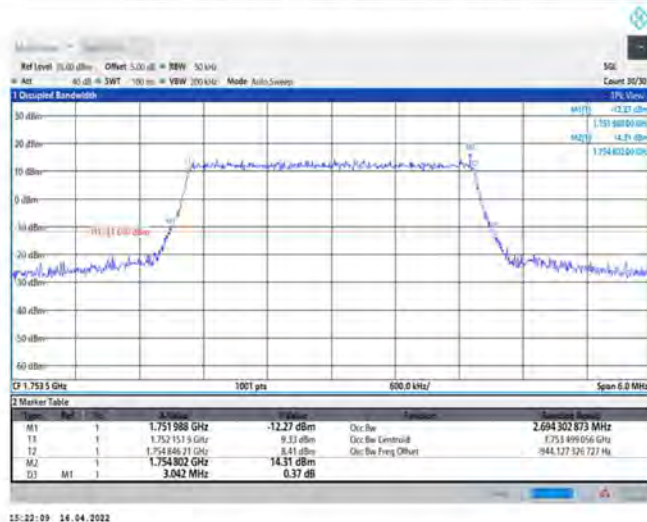
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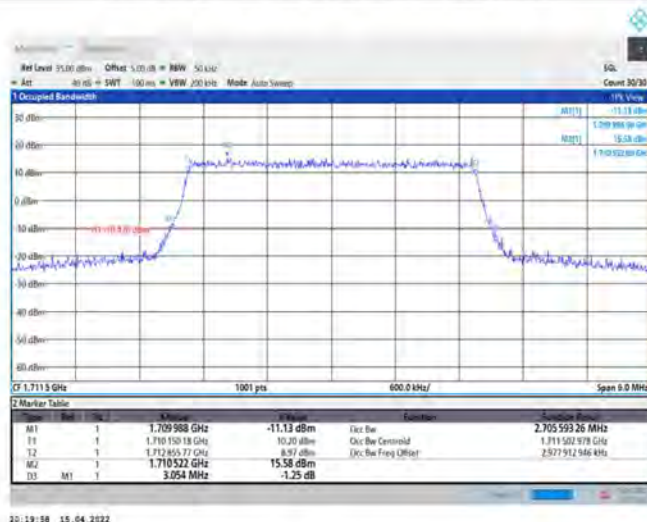
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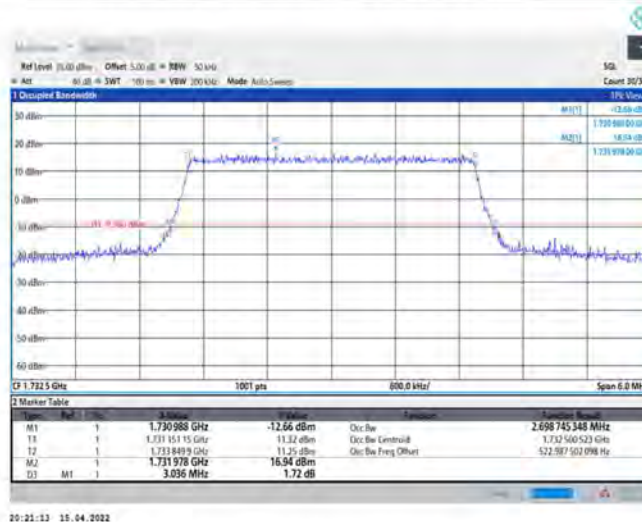
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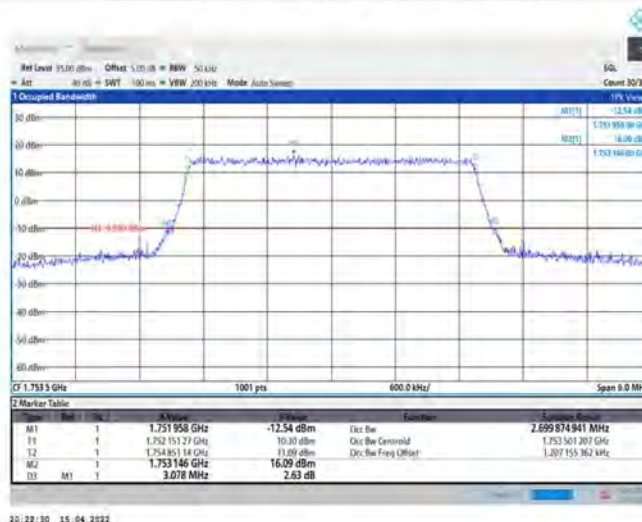
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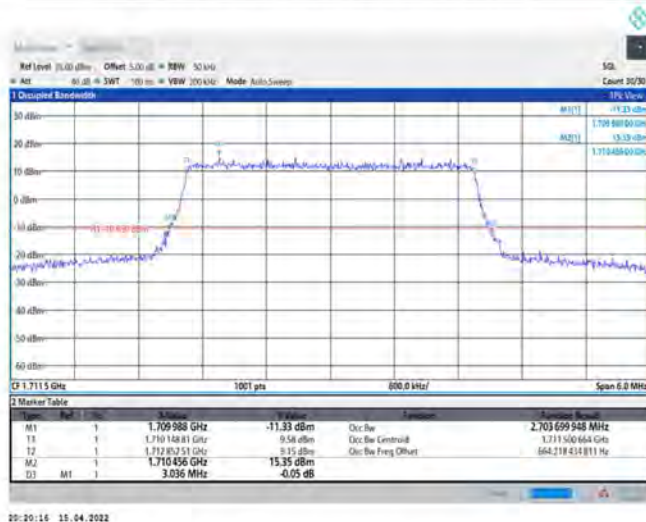
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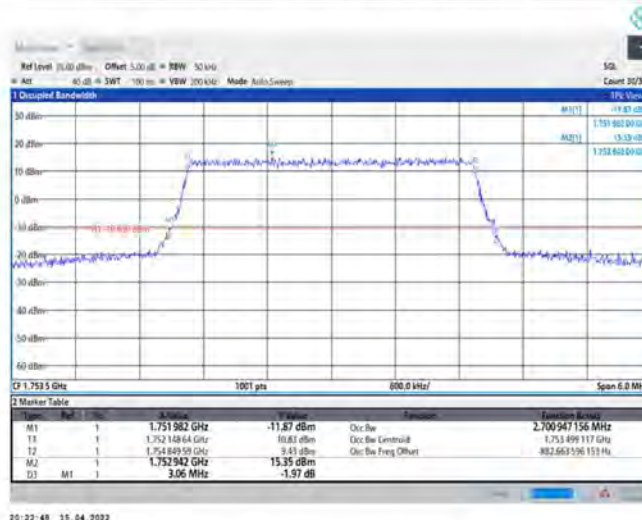
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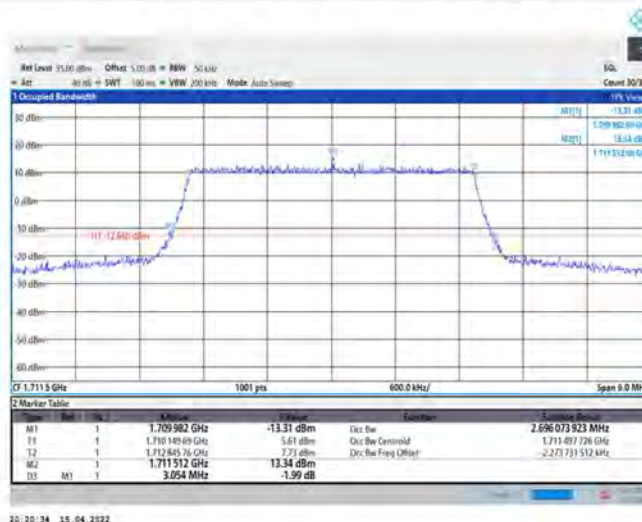
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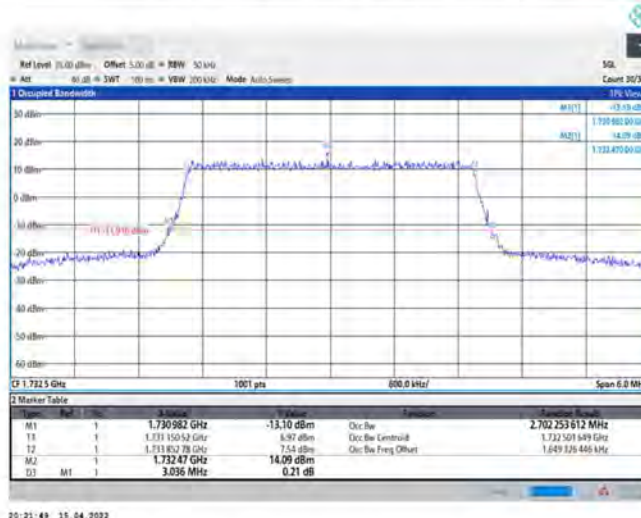
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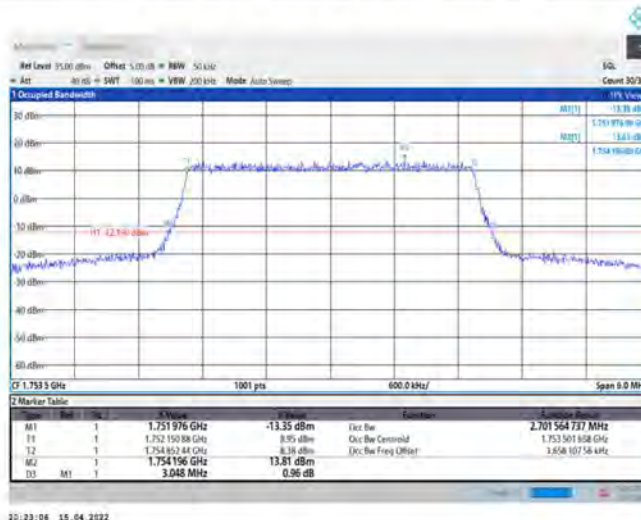
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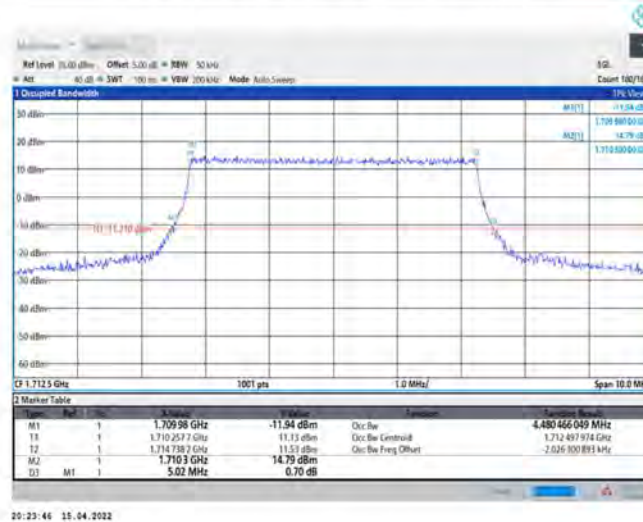


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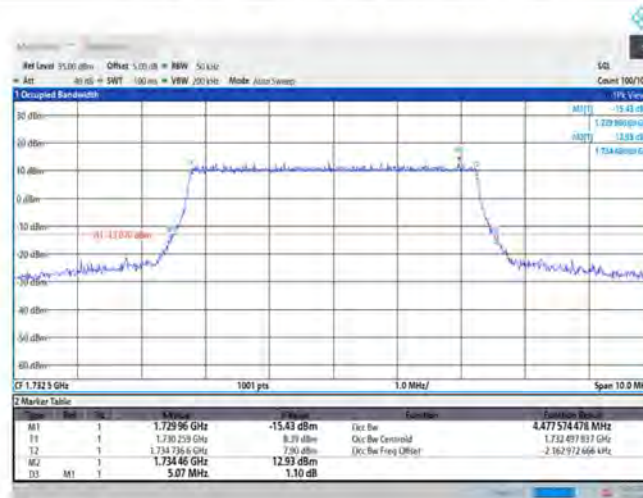
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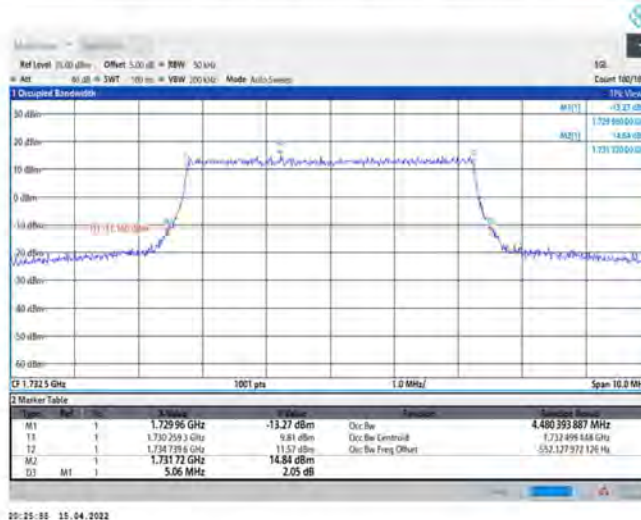
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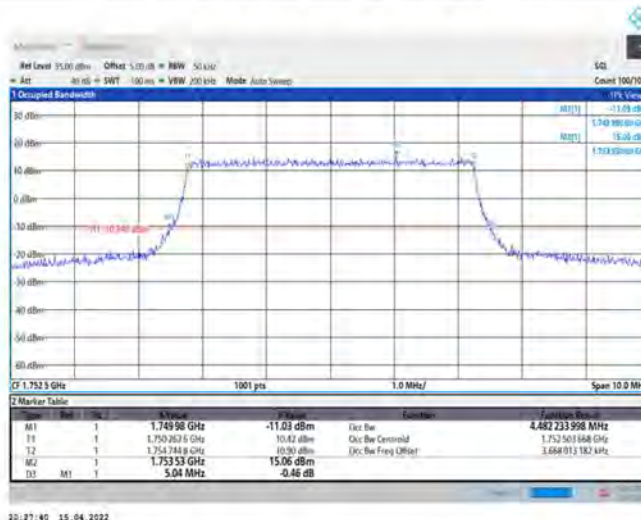
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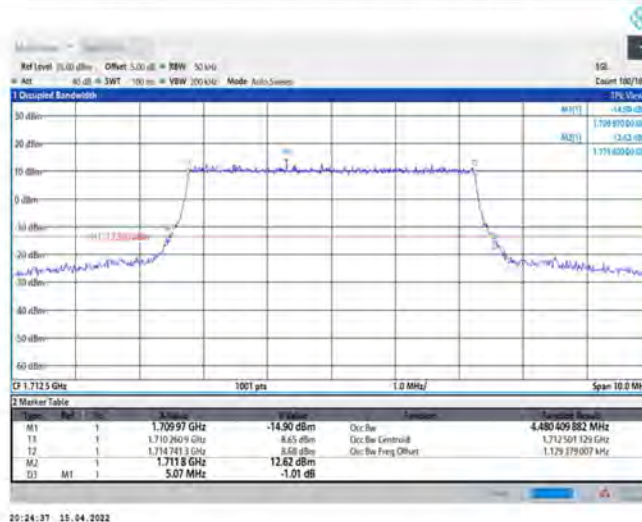
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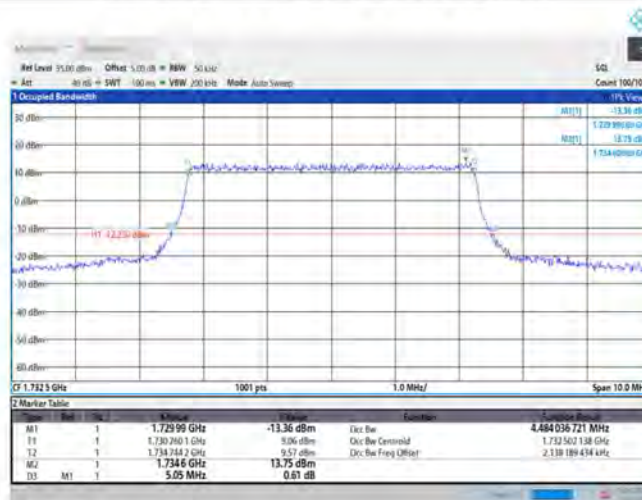
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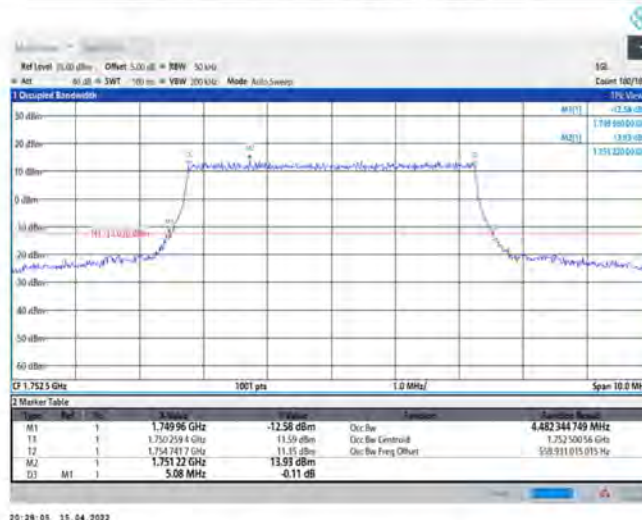
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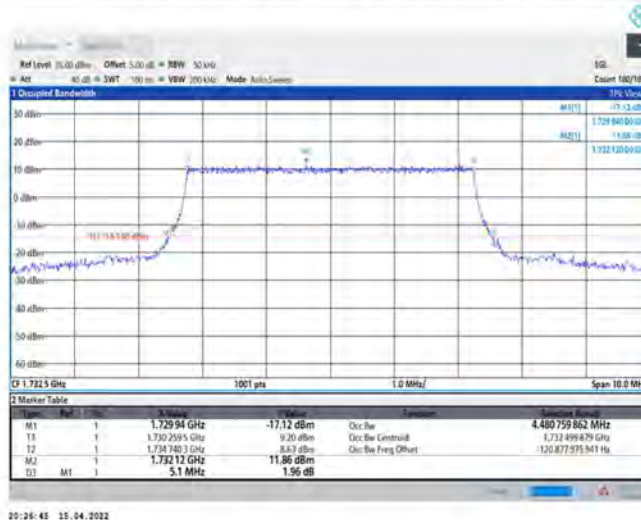
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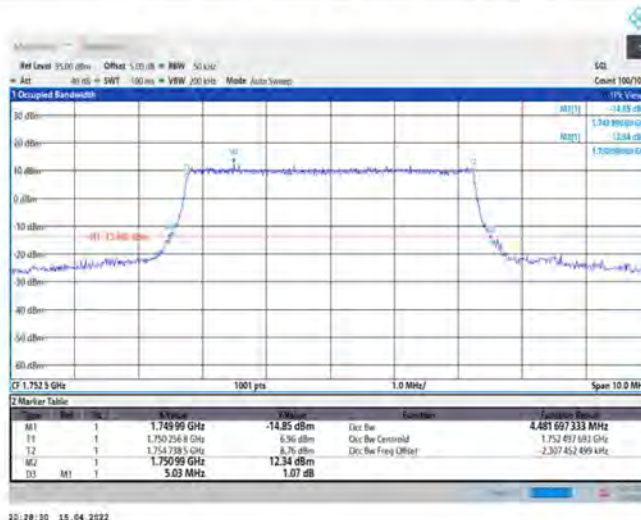
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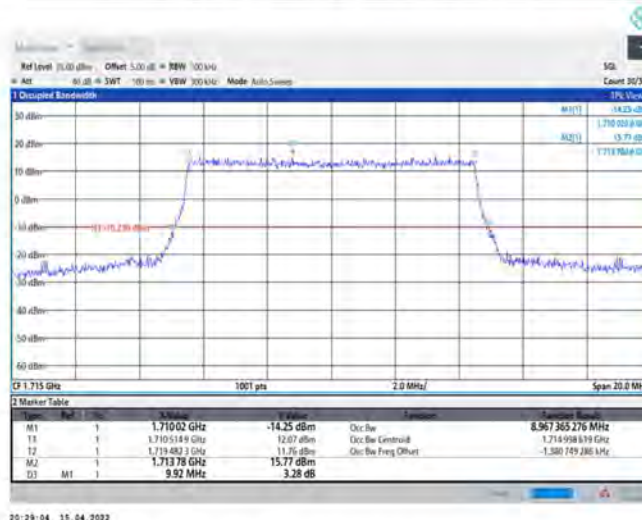
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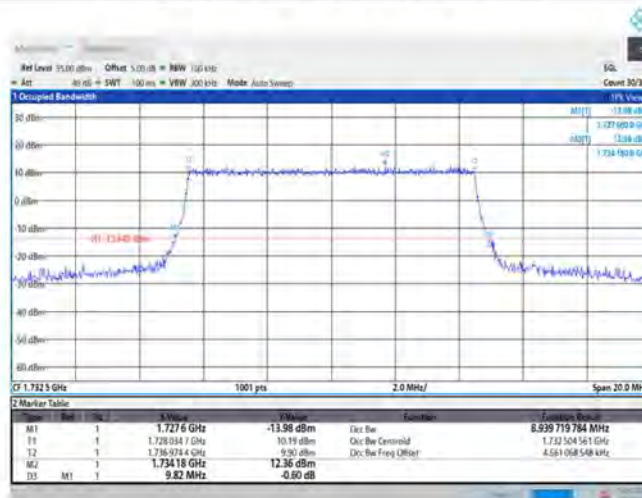
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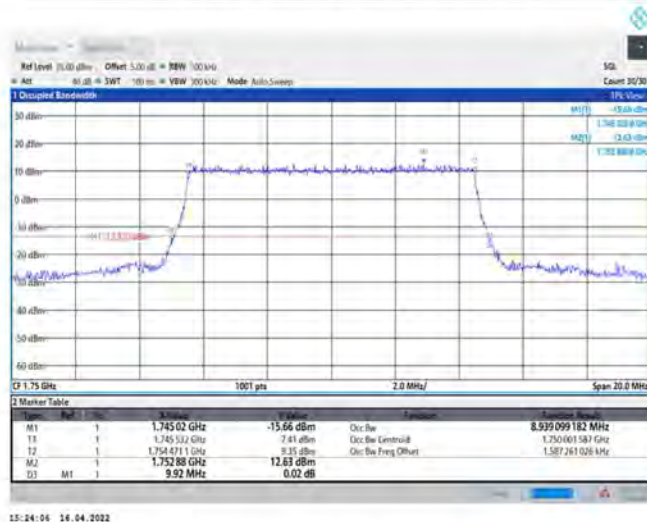
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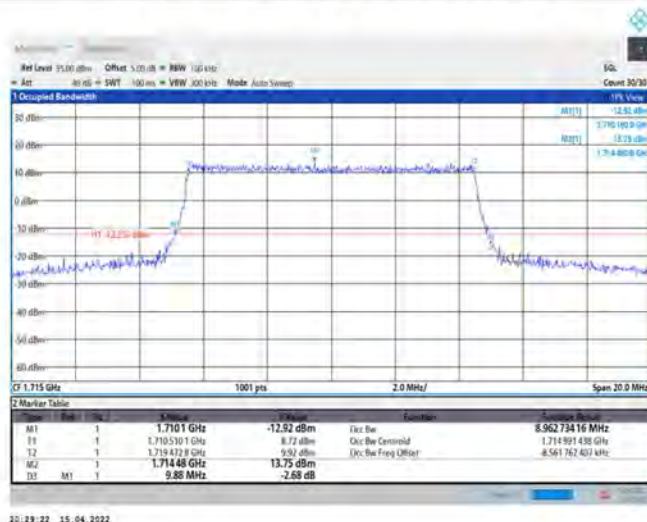
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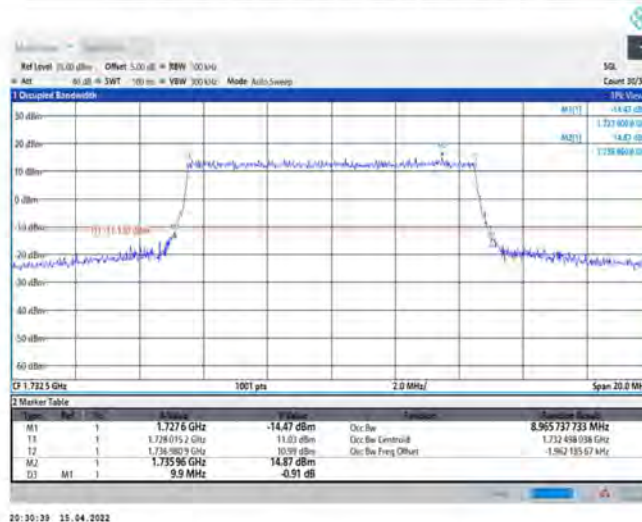
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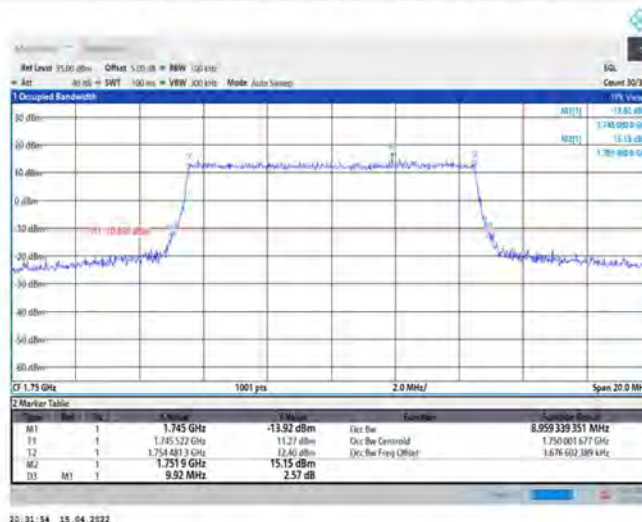
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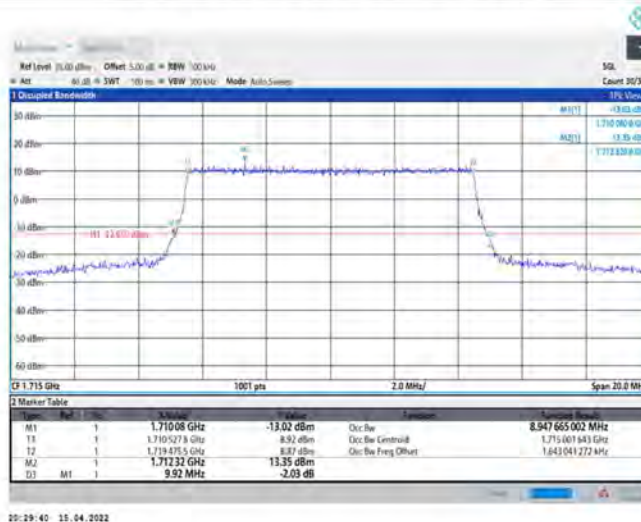
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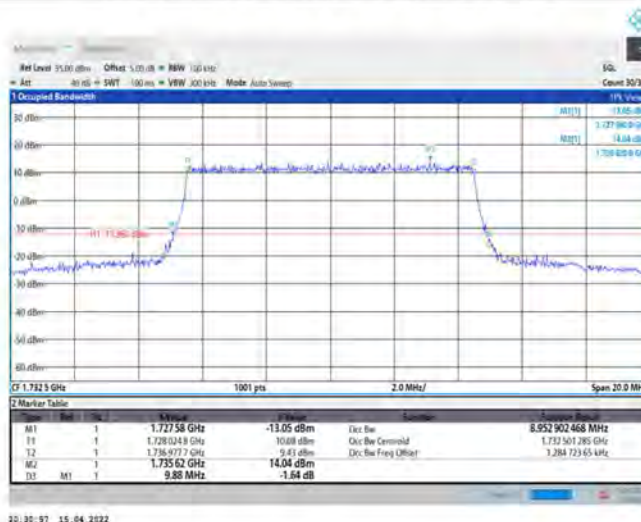
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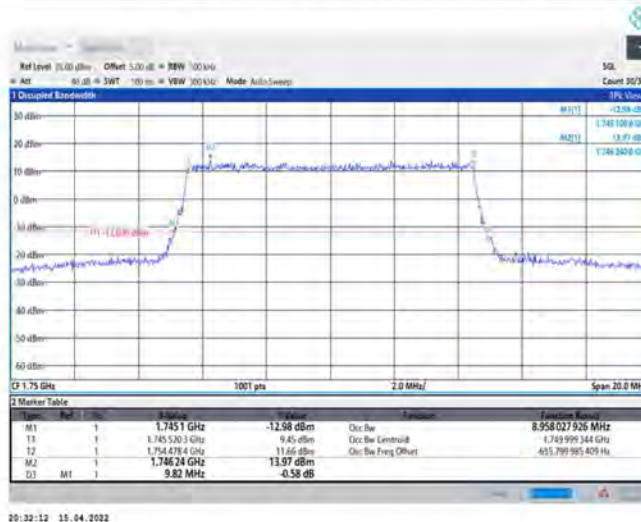
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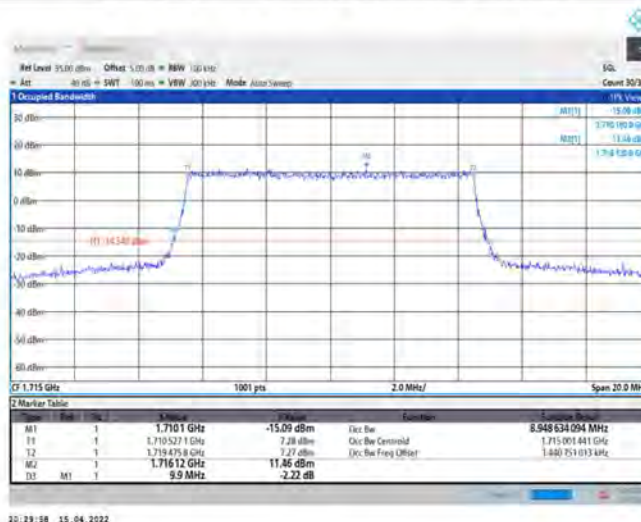
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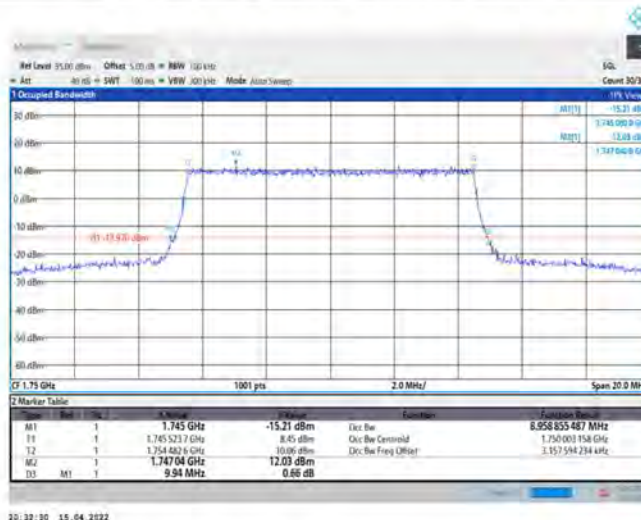
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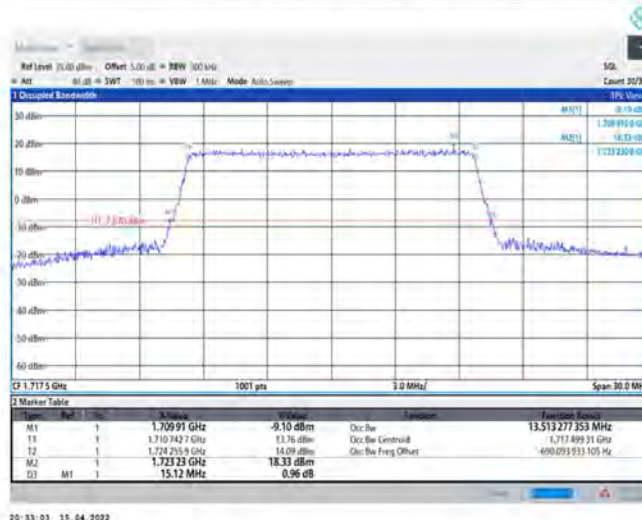
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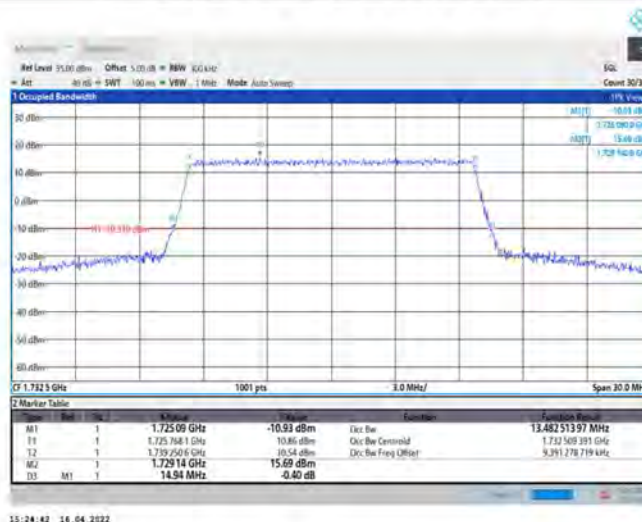
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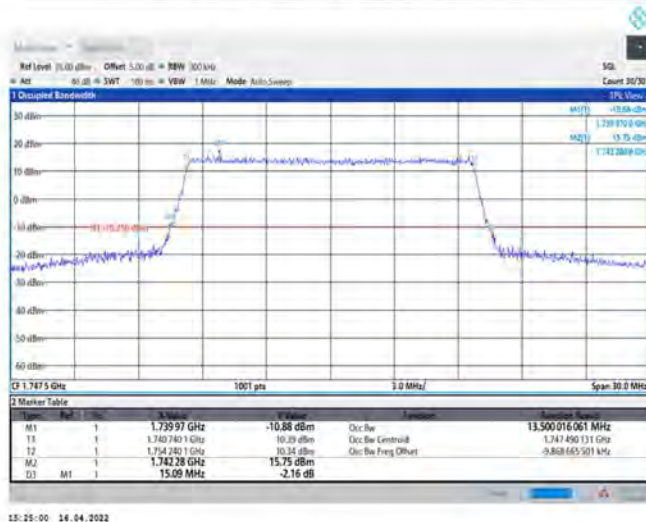
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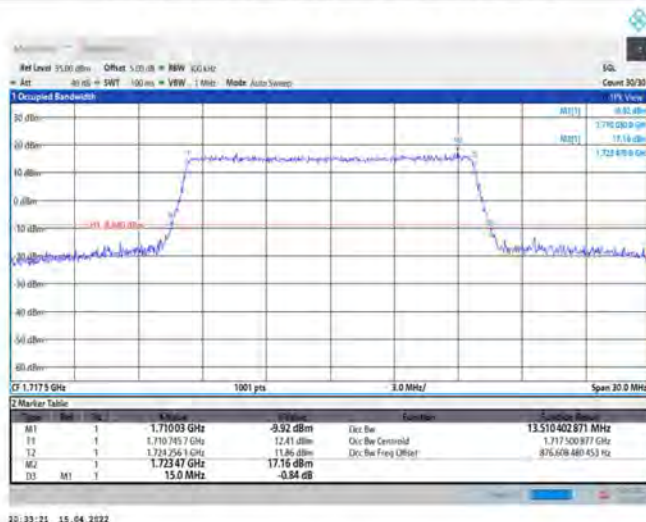
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13:25:00 14.04.2022

Band4-15MHz-16QAM-20025-75RB#0



20:33:21 15.04.2022



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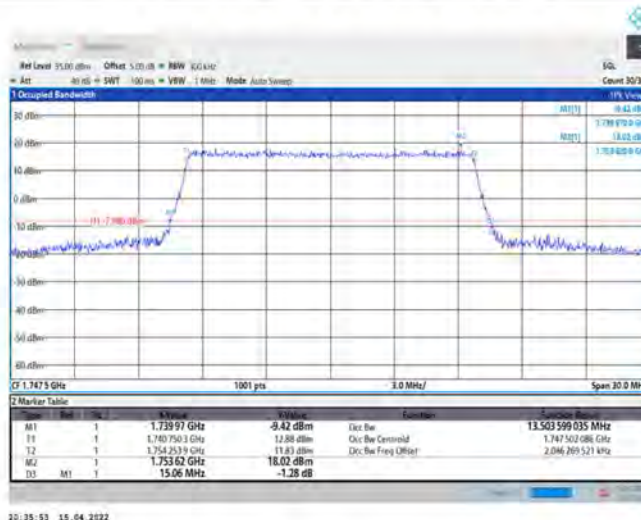
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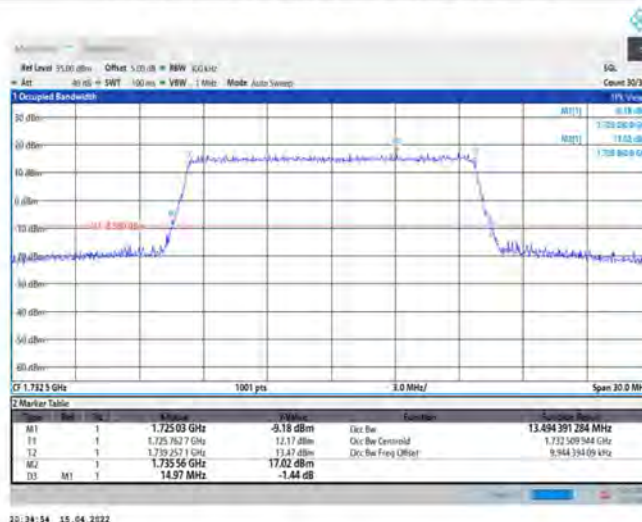
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20:36:11 15.04.2022

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20:33:58 15.04.2022



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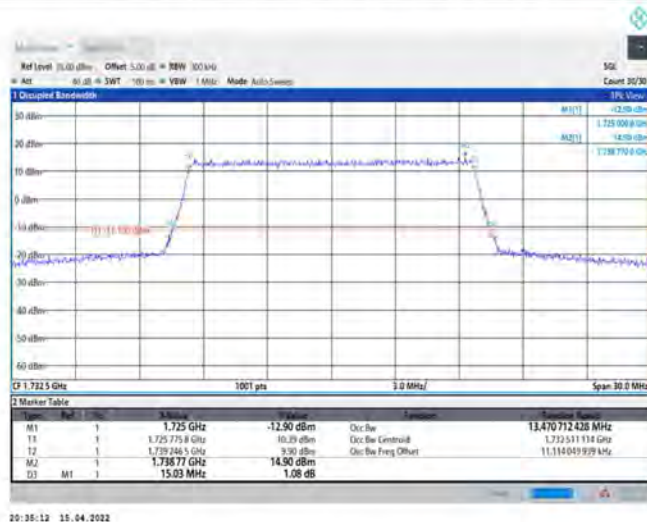
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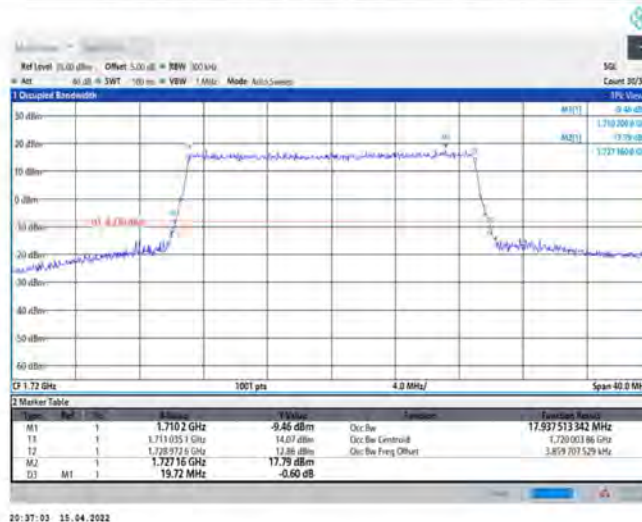
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Band4-20MHz-QPSK-20175-100RB#0



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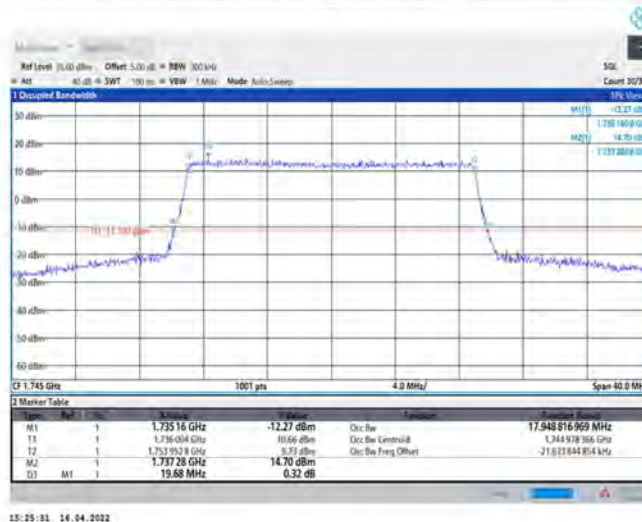
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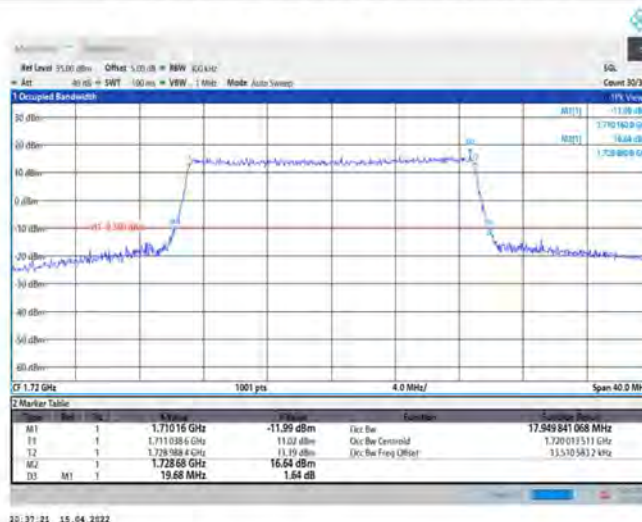
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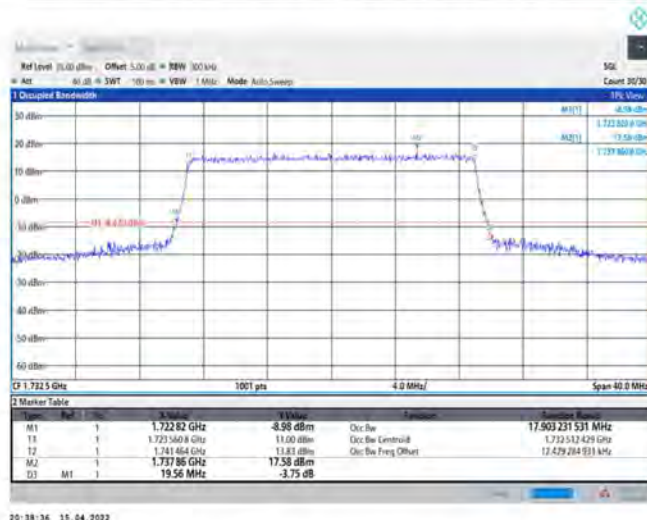
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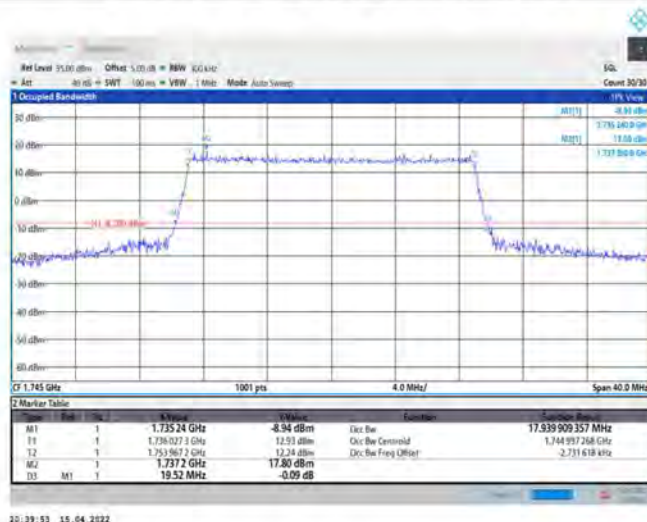
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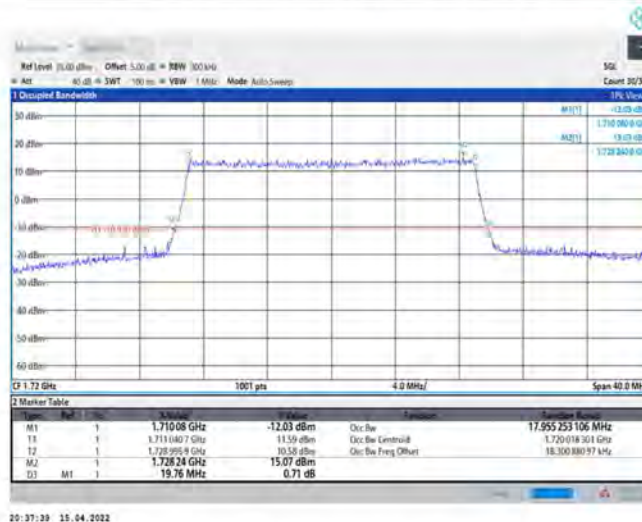
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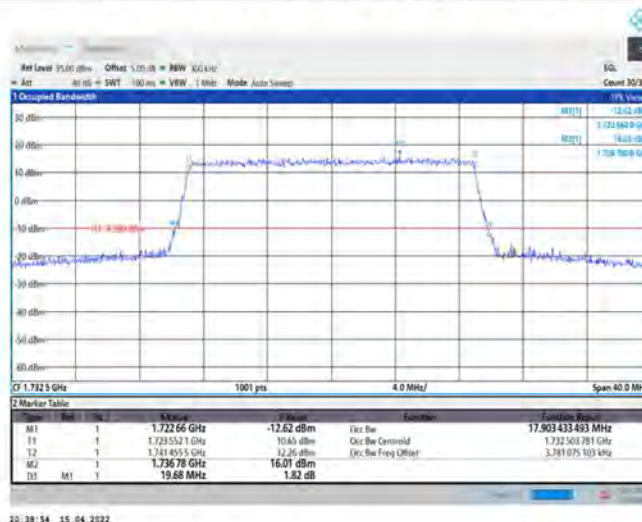
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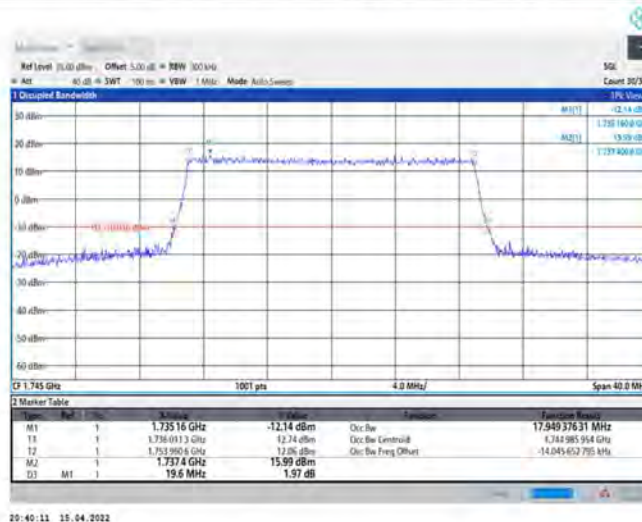
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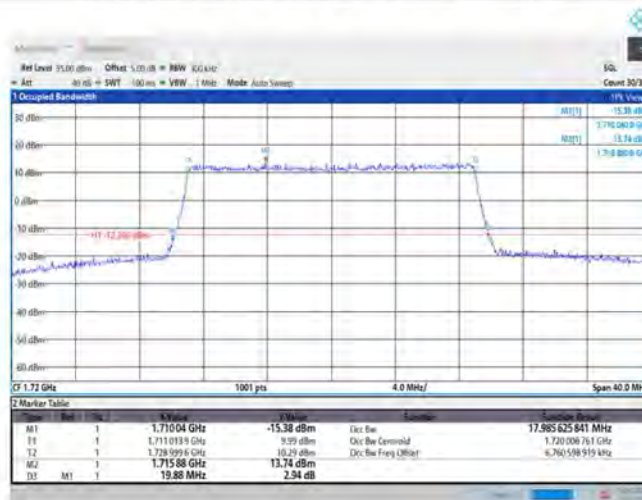
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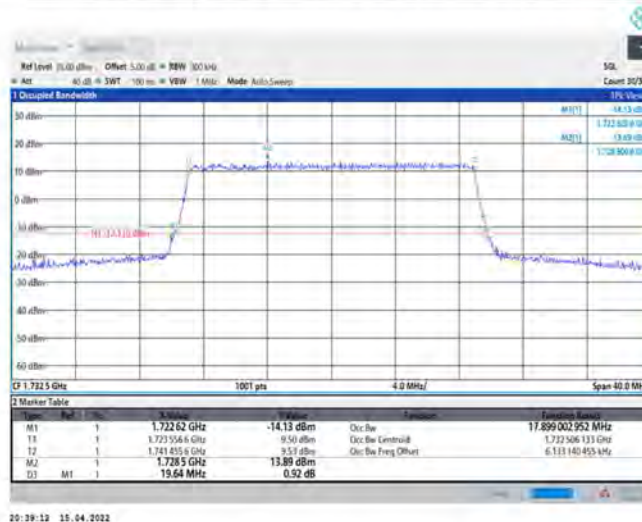
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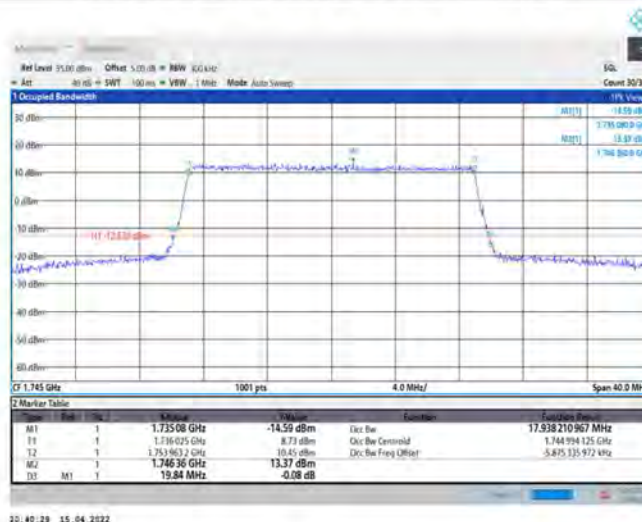
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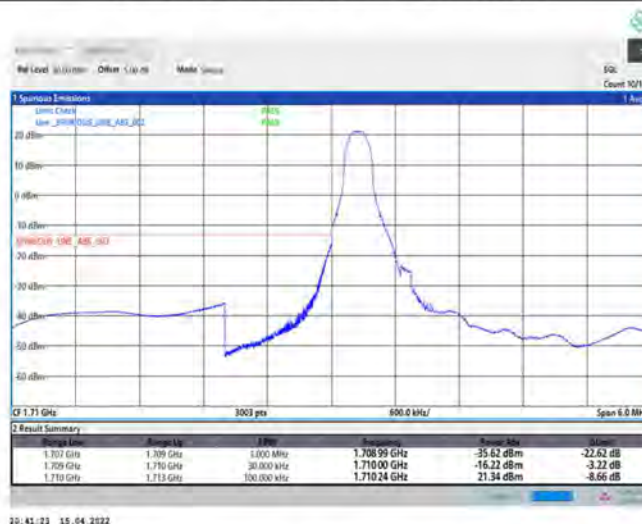
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Test Graphs

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



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



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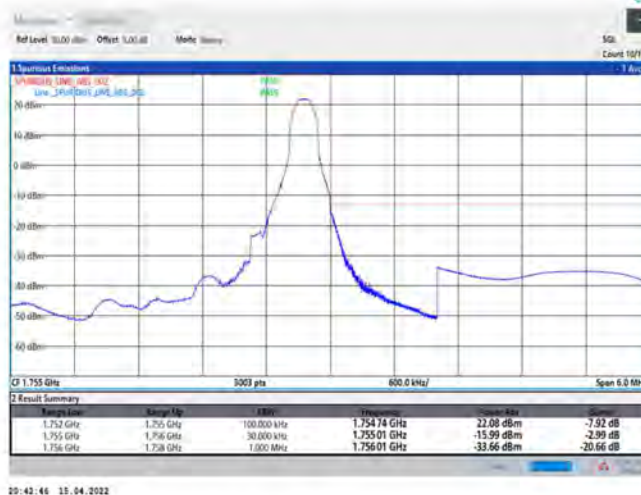
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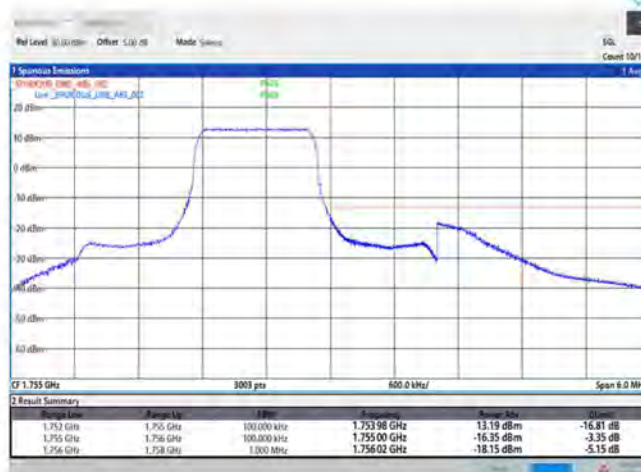
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Band4-1.4MHz-QPSK-20393-1RB#5



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



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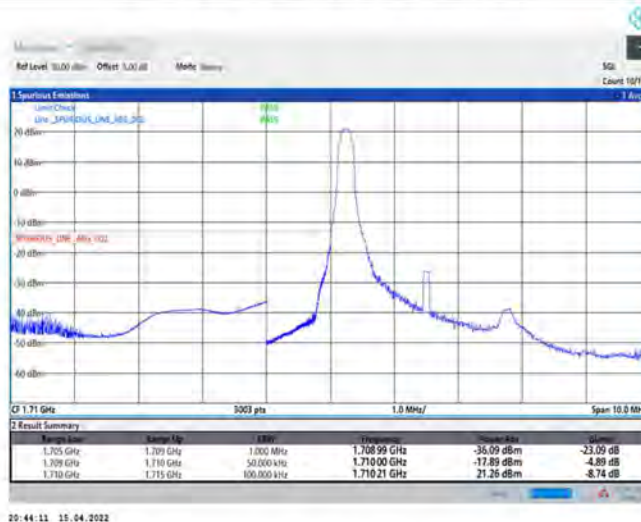
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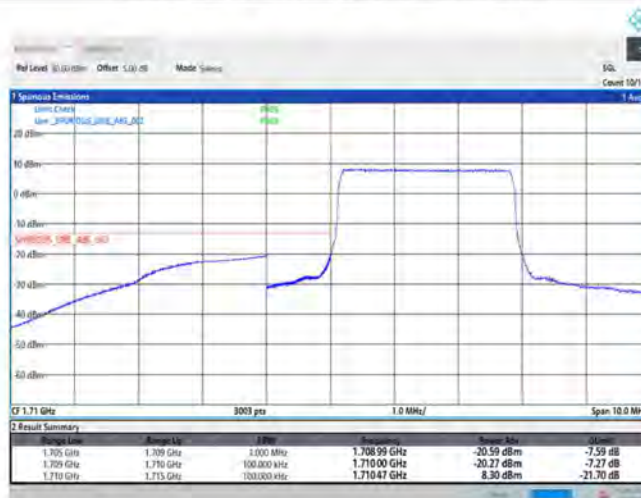
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Band4-3MHz-QPSK-19965-15RB#0



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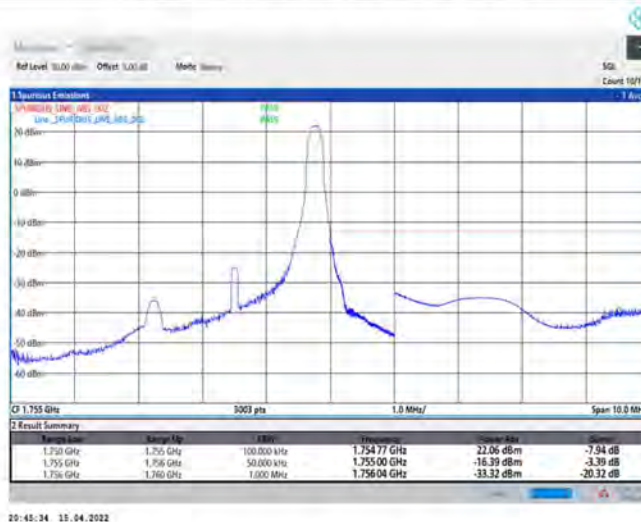
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Band4-3MHz-QPSK-20385-15RB#0



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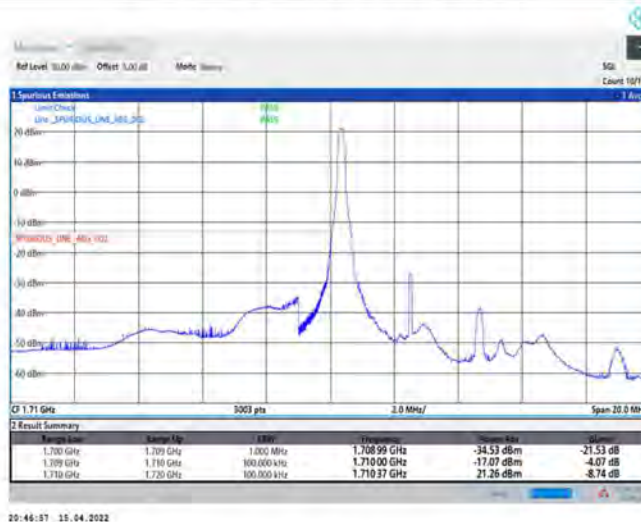
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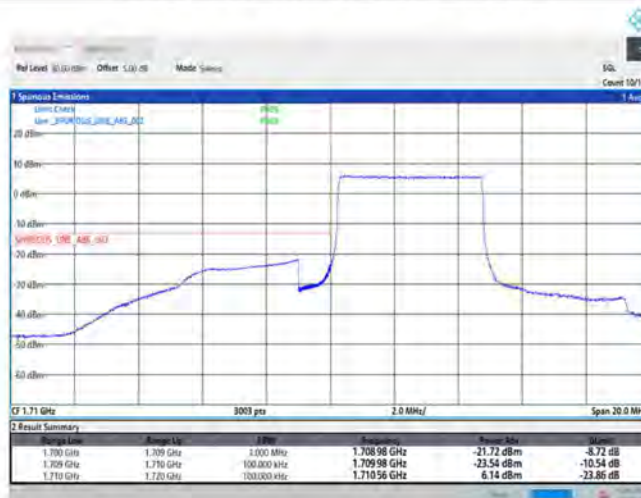
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Band4-5MHz-QPSK-19975-25RB#0



20:47:26 15.04.2022



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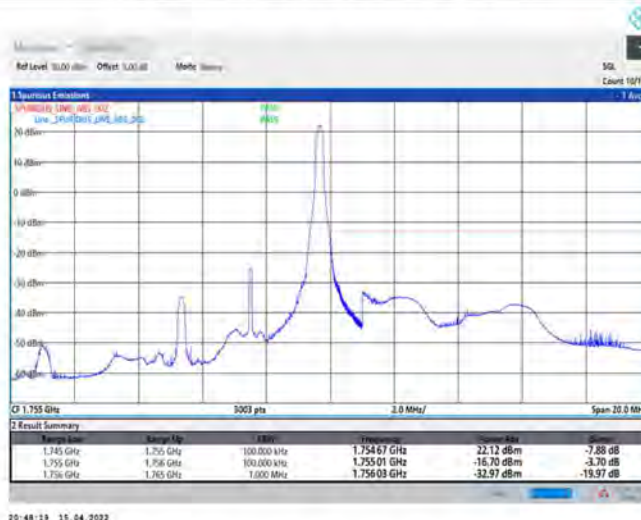
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Band4-5MHz-QPSK-20375-25RB#0



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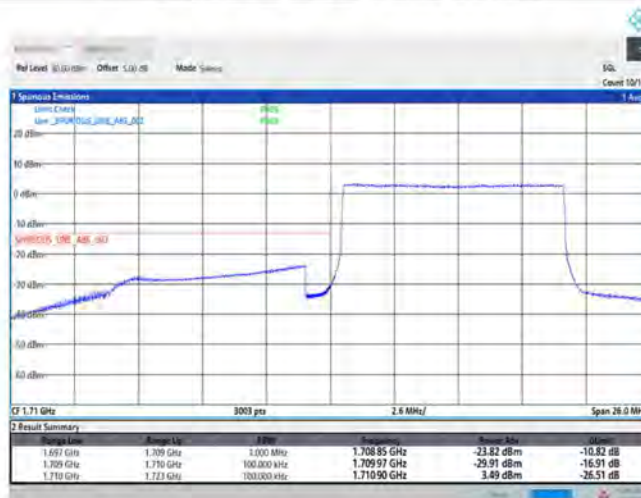
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Band4-10MHz-QPSK-20000-1RB#0



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



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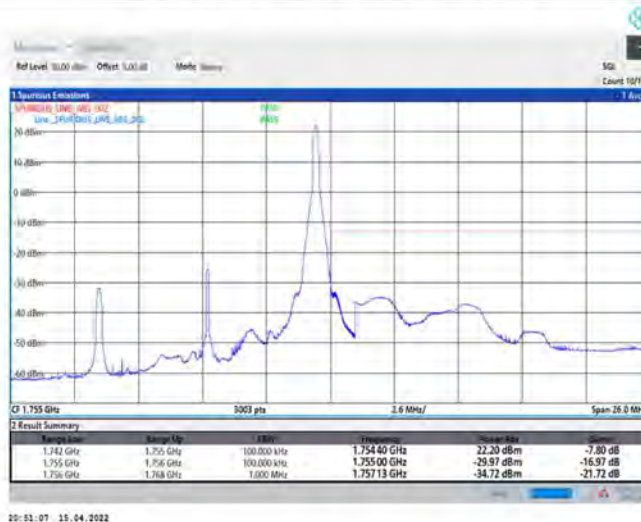
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Band4-15MHz-QPSK-20025-75RB#0



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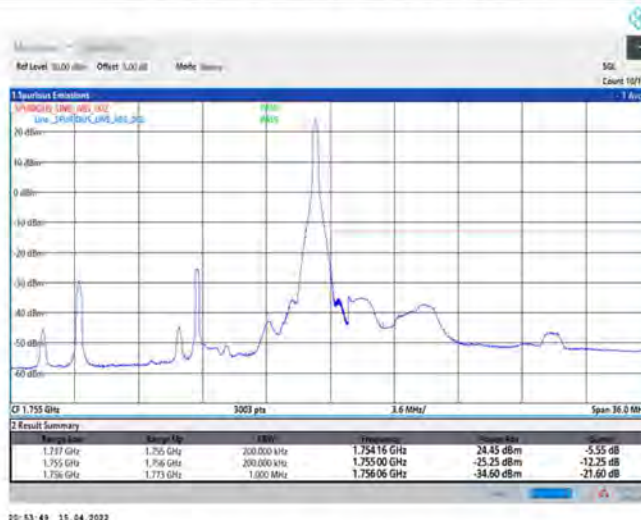
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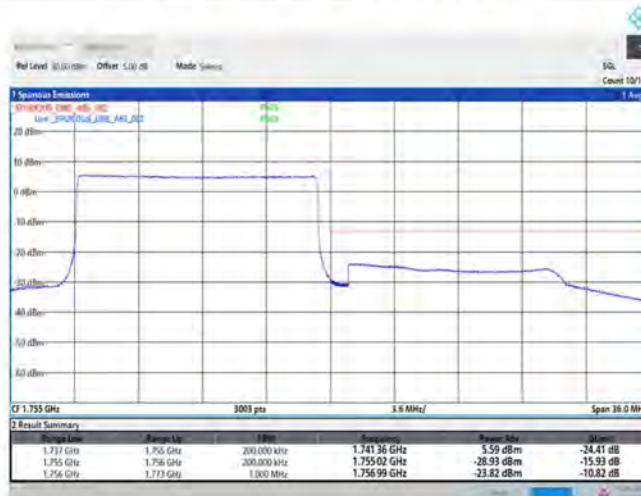
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Band4-15MHz-QPSK-20325-75RB#0



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



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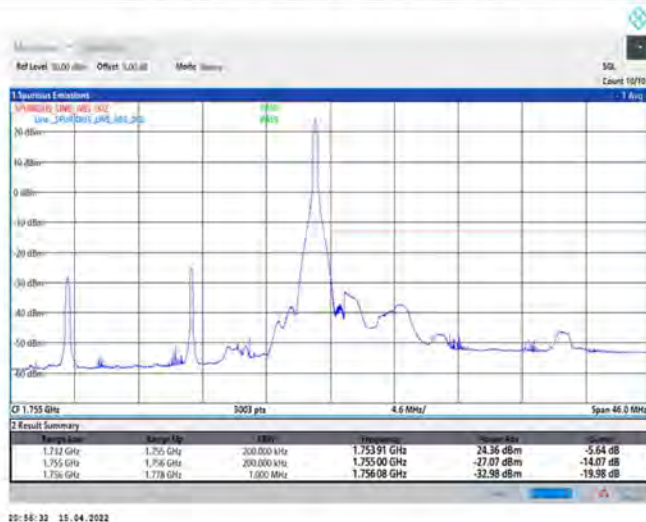
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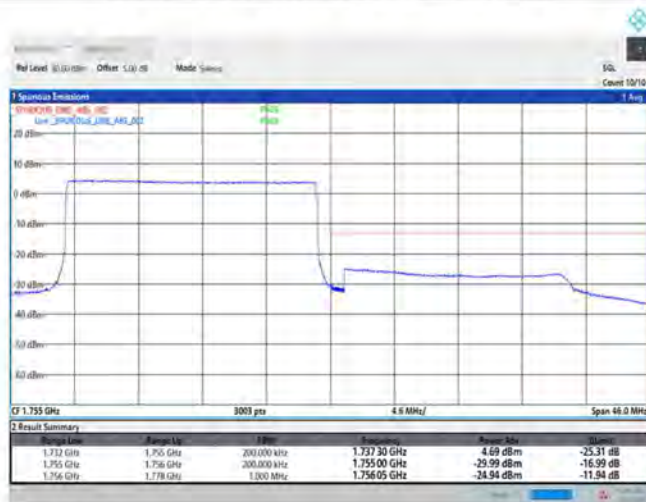
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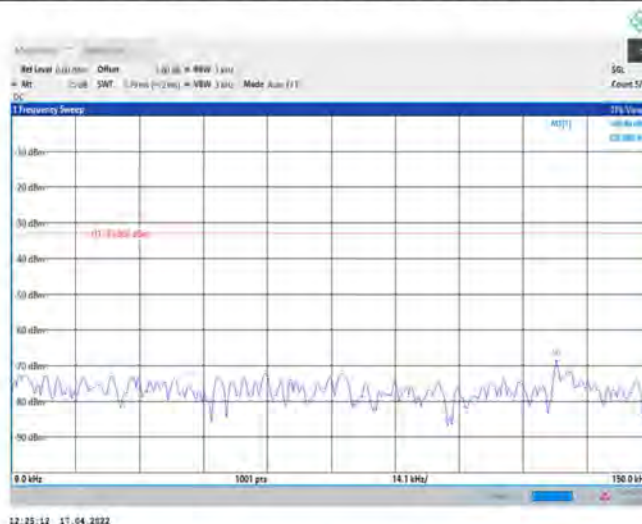
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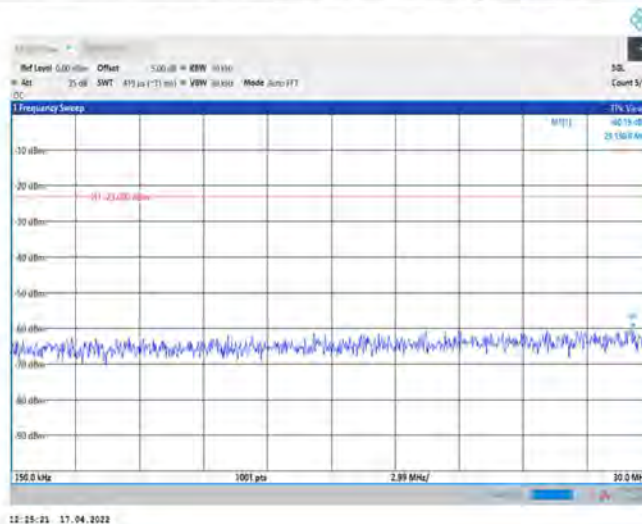
Conducted Spurious Emission

Test Graphs

Band4-20MHz-QPSK-20050-1RB#0-Range1:0.009~0.15MHz



Band4-20MHz-QPSK-20050-1RB#0-Range2:0.15~30MHz



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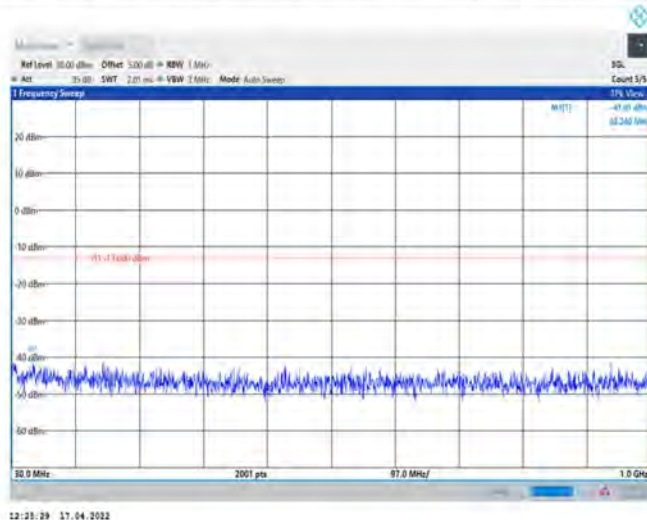
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Report No.: SEWM2304000122RG01

Rev.: 01

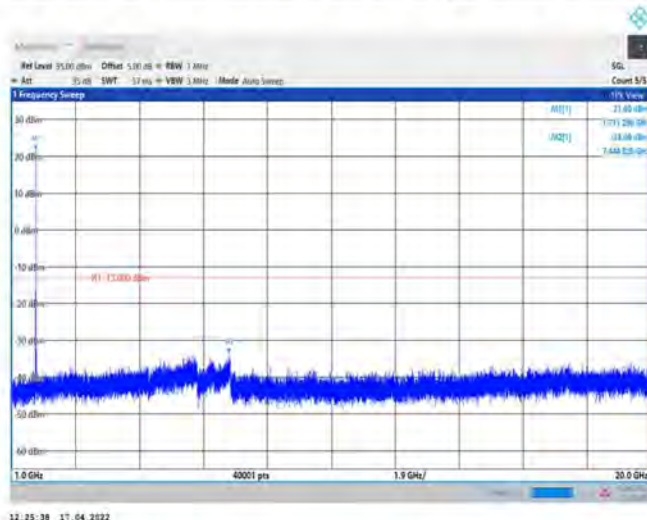
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Band4-20MHz-QPSK-20050-1RB#0-Range3:30~1000MHz



12:25:29 17.04.2022

Band4-20MHz-QPSK-20050-1RB#0-Range4:1000~20000MHz



12:25:38 17.04.2022



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