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Appendix B.25

LTE CA_43C (3700-3800)



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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
43-43	10MHz-20MHz	QPSK-QPSK	44645-44789	1RB#0-0RB#0	24.75	18.65	30	PASS
43-43	10MHz-20MHz	QPSK-QPSK	44645-44789	50RB#0-100RB#0	23.73	17.63	30	PASS
43-43	10MHz-20MHz	QPSK-QPSK	44996-45140	1RB#0-0RB#0	24.49	18.39	30	PASS
43-43	10MHz-20MHz	QPSK-QPSK	44996-45140	50RB#0-100RB#0	23.46	17.36	30	PASS
43-43	10MHz-20MHz	QPSK-QPSK	45346-45490	1RB#0-0RB#0	21.45	15.35	30	PASS
43-43	10MHz-20MHz	QPSK-QPSK	45346-45490	50RB#0-100RB#0	23.07	16.97	30	PASS
43-43	10MHz-20MHz	16QAM-16QAM	44645-44789	1RB#0-0RB#0	24.03	17.93	30	PASS
43-43	10MHz-20MHz	16QAM-16QAM	44645-44789	50RB#0-100RB#0	22.74	16.64	30	PASS
43-43	10MHz-20MHz	16QAM-16QAM	44996-45140	1RB#0-0RB#0	23.95	17.85	30	PASS
43-43	10MHz-20MHz	16QAM-16QAM	44996-45140	50RB#0-100RB#0	22.45	16.35	30	PASS
43-43	10MHz-20MHz	16QAM-16QAM	45346-45490	1RB#0-0RB#0	23.45	17.35	30	PASS
43-43	10MHz-20MHz	16QAM-16QAM	45346-45490	50RB#0-100RB#0	22.08	15.98	30	PASS
43-43	10MHz-20MHz	64QAM-64QAM	44645-44789	1RB#0-0RB#0	23.3	17.2	30	PASS
43-43	10MHz-20MHz	64QAM-64QAM	44645-44789	50RB#0-100RB#0	22.75	16.65	30	PASS
43-43	10MHz-20MHz	64QAM-64QAM	44996-45140	1RB#0-0RB#0	23.22	17.12	30	PASS
43-43	10MHz-20MHz	64QAM-64QAM	44996-45140	50RB#0-100RB#0	22.46	16.36	30	PASS
43-43	10MHz-20MHz	64QAM-64QAM	45346-45490	1RB#0-0RB#0	22.73	16.63	30	PASS
43-43	10MHz-20MHz	64QAM-64QAM	45346-45490	50RB#0-100RB#0	22.07	15.97	30	PASS
43-43	10MHz-20MHz	256QAM-256QAM	44645-44789	1RB#0-0RB#0	20.15	14.05	30	PASS
43-43	10MHz-20MHz	256QAM-256QAM	44645-44789	50RB#0-100RB#0	20.72	14.62	30	PASS
43-43	10MHz-20MHz	256QAM-256QAM	44996-45140	1RB#0-0RB#0	20.1	14	30	PASS
43-43	10MHz-20MHz	256QAM-256QAM	44996-45140	50RB#0-100RB#0	20.49	14.39	30	PASS
43-43	10MHz-20MHz	256QAM-256QAM	45346-45490	1RB#0-0RB#0	19.75	13.65	30	PASS
43-43	10MHz-20MHz	256QAM-256QAM	45346-45490	50RB#0-100RB#0	20.11	14.01	30	PASS
43-43	15MHz-20MHz	QPSK-QPSK	44668-44839	1RB#0-0RB#0	24.66	18.56	30	PASS
43-43	15MHz-20MHz	QPSK-QPSK	44668-44839	75RB#0-100RB#0	23.69	17.59	30	PASS
43-43	15MHz-20MHz	QPSK-QPSK	44993-45164	1RB#0-0RB#0	24.58	18.48	30	PASS



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43-43	15MHz-20MHz	QPSK-QPSK	44993-45164	75RB#0-100RB#0	23.31	17.21	30	PASS
43-43	15MHz-20MHz	QPSK-QPSK	45319-45490	1RB#0-0RB#0	23.93	17.83	30	PASS
43-43	15MHz-20MHz	QPSK-QPSK	45319-45490	75RB#0-100RB#0	23.1	17	30	PASS
43-43	15MHz-20MHz	16QAM-16QAM	44668-44839	1RB#0-0RB#0	23.68	17.58	30	PASS
43-43	15MHz-20MHz	16QAM-16QAM	44668-44839	75RB#0-100RB#0	22.71	16.61	30	PASS
43-43	15MHz-20MHz	16QAM-16QAM	44993-45164	1RB#0-0RB#0	23.6	17.5	30	PASS
43-43	15MHz-20MHz	16QAM-16QAM	44993-45164	75RB#0-100RB#0	22.33	16.23	30	PASS
43-43	15MHz-20MHz	16QAM-16QAM	45319-45490	1RB#0-0RB#0	22.95	16.85	30	PASS
43-43	15MHz-20MHz	16QAM-16QAM	45319-45490	75RB#0-100RB#0	22.12	16.02	30	PASS
43-43	15MHz-20MHz	64QAM-64QAM	44668-44839	1RB#0-0RB#0	22.84	16.74	30	PASS
43-43	15MHz-20MHz	64QAM-64QAM	44668-44839	75RB#0-100RB#0	22.69	16.59	30	PASS
43-43	15MHz-20MHz	64QAM-64QAM	44993-45164	1RB#0-0RB#0	22.73	16.63	30	PASS
43-43	15MHz-20MHz	64QAM-64QAM	44993-45164	75RB#0-100RB#0	22.1	16	30	PASS
43-43	15MHz-20MHz	64QAM-64QAM	45319-45490	1RB#0-0RB#0	22.12	16.02	30	PASS
43-43	15MHz-20MHz	64QAM-64QAM	45319-45490	75RB#0-100RB#0	21.46	15.36	30	PASS
43-43	15MHz-20MHz	256QAM-256QAM	44668-44839	1RB#0-0RB#0	19.74	13.64	30	PASS
43-43	15MHz-20MHz	256QAM-256QAM	44668-44839	75RB#0-100RB#0	20.71	14.61	30	PASS
43-43	15MHz-20MHz	256QAM-256QAM	44993-45164	1RB#0-0RB#0	19.66	13.56	30	PASS
43-43	15MHz-20MHz	256QAM-256QAM	44993-45164	75RB#0-100RB#0	20.3	14.2	30	PASS
43-43	15MHz-20MHz	256QAM-256QAM	45319-45490	1RB#0-0RB#0	19.04	12.94	30	PASS
43-43	15MHz-20MHz	256QAM-256QAM	45319-45490	75RB#0-100RB#0	20.13	14.03	30	PASS
43-43	20MHz-10MHz	QPSK-QPSK	44690-44834	100RB#0-50RB#0	23.72	17.62	30	PASS
43-43	20MHz-10MHz	QPSK-QPSK	44690-44834	1RB#0-0RB#0	24.65	18.55	30	PASS
43-43	20MHz-10MHz	QPSK-QPSK	45041-45185	100RB#0-50RB#0	23.28	17.18	30	PASS
43-43	20MHz-10MHz	QPSK-QPSK	45041-45185	1RB#0-0RB#0	24.56	18.46	30	PASS
43-43	20MHz-10MHz	QPSK-QPSK	45391-45535	100RB#0-50RB#0	23.18	17.08	30	PASS
43-43	20MHz-10MHz	QPSK-QPSK	45391-45535	1RB#0-0RB#0	23.95	17.85	30	PASS
43-43	20MHz-10MHz	16QAM-16QAM	44690-44834	100RB#0-50RB#0	22.68	16.58	30	PASS
43-43	20MHz-10MHz	16QAM-16QAM	44690-44834	1RB#0-0RB#0	24	17.9	30	PASS
43-43	20MHz-10MHz	16QAM-16QAM	45041-45185	100RB#0-50RB#0	22.26	16.16	30	PASS
43-43	20MHz-10MHz	16QAM-16QAM	45041-45185	1RB#0-0RB#0	23.67	17.57	30	PASS
43-43	20MHz-10MHz	16QAM-16QAM	45391-45535	100RB#0-50RB#0	22.22	16.12	30	PASS
43-43	20MHz-10MHz	16QAM-16QAM	45391-45535	1RB#0-0RB#0	22.89	16.79	30	PASS



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43-43	20MHz-10MHz	64QAM-64QAM	44690-44834	100RB#0-50RB#0	22.67	16.57	30	PASS
43-43	20MHz-10MHz	64QAM-64QAM	44690-44834	1RB#0-0RB#0	23.23	17.13	30	PASS
43-43	20MHz-10MHz	64QAM-64QAM	45041-45185	100RB#0-50RB#0	22.11	16.01	30	PASS
43-43	20MHz-10MHz	64QAM-64QAM	45041-45185	1RB#0-0RB#0	22.71	16.61	30	PASS
43-43	20MHz-10MHz	64QAM-64QAM	45391-45535	100RB#0-50RB#0	21.56	15.46	30	PASS
43-43	20MHz-10MHz	64QAM-64QAM	45391-45535	1RB#0-0RB#0	22.05	15.95	30	PASS
43-43	20MHz-10MHz	256QAM-256QAM	44690-44834	100RB#0-50RB#0	20.68	14.58	30	PASS
43-43	20MHz-10MHz	256QAM-256QAM	44690-44834	1RB#0-0RB#0	20.13	14.03	30	PASS
43-43	20MHz-10MHz	256QAM-256QAM	45041-45185	100RB#0-50RB#0	20.29	14.19	30	PASS
43-43	20MHz-10MHz	256QAM-256QAM	45041-45185	1RB#0-0RB#0	19.72	13.62	30	PASS
43-43	20MHz-10MHz	256QAM-256QAM	45391-45535	100RB#0-50RB#0	20.19	14.09	30	PASS
43-43	20MHz-10MHz	256QAM-256QAM	45391-45535	1RB#0-0RB#0	19.1	13	30	PASS
43-43	20MHz-15MHz	QPSK-QPSK	44690-44861	100RB#0-75RB#0	23.78	17.68	30	PASS
43-43	20MHz-15MHz	QPSK-QPSK	44690-44861	1RB#0-0RB#0	24.7	18.6	30	PASS
43-43	20MHz-15MHz	QPSK-QPSK	45016-45187	100RB#0-75RB#0	23.47	17.37	30	PASS
43-43	20MHz-15MHz	QPSK-QPSK	45016-45187	1RB#0-0RB#0	24.62	18.52	30	PASS
43-43	20MHz-15MHz	QPSK-QPSK	45341-45512	100RB#0-75RB#0	23.15	17.05	30	PASS
43-43	20MHz-15MHz	QPSK-QPSK	45341-45512	1RB#0-0RB#0	24.05	17.95	30	PASS
43-43	20MHz-15MHz	16QAM-16QAM	44690-44861	100RB#0-75RB#0	22.76	16.66	30	PASS
43-43	20MHz-15MHz	16QAM-16QAM	44690-44861	1RB#0-0RB#0	24	17.9	30	PASS
43-43	20MHz-15MHz	16QAM-16QAM	45016-45187	100RB#0-75RB#0	22.47	16.37	30	PASS
43-43	20MHz-15MHz	16QAM-16QAM	45016-45187	1RB#0-0RB#0	23.97	17.87	30	PASS
43-43	20MHz-15MHz	16QAM-16QAM	45341-45512	100RB#0-75RB#0	22.13	16.03	30	PASS
43-43	20MHz-15MHz	16QAM-16QAM	45341-45512	1RB#0-0RB#0	23.33	17.23	30	PASS
43-43	20MHz-15MHz	64QAM-64QAM	44690-44861	100RB#0-75RB#0	22.8	16.7	30	PASS
43-43	20MHz-15MHz	64QAM-64QAM	44690-44861	1RB#0-0RB#0	23.26	17.16	30	PASS
43-43	20MHz-15MHz	64QAM-64QAM	45016-45187	100RB#0-75RB#0	22.48	16.38	30	PASS
43-43	20MHz-15MHz	64QAM-64QAM	45016-45187	1RB#0-0RB#0	23.21	17.11	30	PASS
43-43	20MHz-15MHz	64QAM-64QAM	45341-45512	100RB#0-75RB#0	22.1	16	30	PASS
43-43	20MHz-15MHz	64QAM-64QAM	45341-45512	1RB#0-0RB#0	22.57	16.47	30	PASS
43-43	20MHz-15MHz	256QAM-256QAM	44690-44861	100RB#0-75RB#0	20.83	14.73	30	PASS
43-43	20MHz-15MHz	256QAM-256QAM	44690-44861	1RB#0-0RB#0	20.12	14.02	30	PASS
43-43	20MHz-15MHz	256QAM-256QAM	45016-45187	100RB#0-75RB#0	20.52	14.42	30	PASS



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43-43	20MHz-15MHz	256QAM-256QAM	45016-45187	1RB#0-0RB#0	20.13	14.03	30	PASS
43-43	20MHz-15MHz	256QAM-256QAM	45341-45512	100RB#0-75RB#0	20.16	14.06	30	PASS
43-43	20MHz-15MHz	256QAM-256QAM	45341-45512	1RB#0-0RB#0	19.45	13.35	30	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44690-44888	100RB#0-100RB#0	23.75	17.65	30	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44690-44888	1RB#0-0RB#0	24.69	18.59	30	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44991-45189	100RB#0-100RB#0	23.5	17.4	30	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44991-45189	1RB#0-0RB#0	24.62	18.52	30	PASS
43-43	20MHz-20MHz	QPSK-QPSK	45292-45490	100RB#0-100RB#0	23.11	17.01	30	PASS
43-43	20MHz-20MHz	QPSK-QPSK	45292-45490	1RB#0-0RB#0	24.07	17.97	30	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44690-44888	100RB#0-100RB#0	22.77	16.67	30	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44690-44888	1RB#0-0RB#0	23.95	17.85	30	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44991-45189	100RB#0-100RB#0	22.51	16.41	30	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44991-45189	1RB#0-0RB#0	23.99	17.89	30	PASS
43-43	20MHz-20MHz	16QAM-16QAM	45292-45490	100RB#0-100RB#0	22.13	16.03	30	PASS
43-43	20MHz-20MHz	16QAM-16QAM	45292-45490	1RB#0-0RB#0	23.43	17.33	30	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44690-44888	100RB#0-100RB#0	22.81	16.71	30	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44690-44888	1RB#0-0RB#0	23.26	17.16	30	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44991-45189	100RB#0-100RB#0	22.51	16.41	30	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44991-45189	1RB#0-0RB#0	23.27	17.17	30	PASS
43-43	20MHz-20MHz	64QAM-64QAM	45292-45490	100RB#0-100RB#0	22.15	16.05	30	PASS
43-43	20MHz-20MHz	64QAM-64QAM	45292-45490	1RB#0-0RB#0	22.7	16.6	30	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44690-44888	100RB#0-100RB#0	20.76	14.66	30	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44690-44888	1RB#0-0RB#0	20.12	14.02	30	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44991-45189	100RB#0-100RB#0	20.52	14.42	30	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44991-45189	1RB#0-0RB#0	20.11	14.01	30	PASS
43-43	20MHz-20MHz	256QAM-256QAM	45292-45490	100RB#0-100RB#0	20.14	14.04	30	PASS
43-43	20MHz-20MHz	256QAM-256QAM	45292-45490	1RB#0-0RB#0	19.5	13.4	30	PASS
43-43	20MHz-5MHz	QPSK-QPSK	44690-44807	100RB#0-25RB#0	23.74	17.64	30	PASS
43-43	20MHz-5MHz	QPSK-QPSK	44690-44807	1RB#0-0RB#0	24.73	18.63	30	PASS
43-43	20MHz-5MHz	QPSK-QPSK	45065-45182	100RB#0-25RB#0	23.22	17.12	30	PASS
43-43	20MHz-5MHz	QPSK-QPSK	45065-45182	1RB#0-0RB#0	24.44	18.34	30	PASS
43-43	20MHz-5MHz	QPSK-QPSK	45440-45557	100RB#0-25RB#0	23.03	16.93	30	PASS
43-43	20MHz-5MHz	QPSK-QPSK	45440-45557	1RB#0-0RB#0	24	17.9	30	PASS



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43-43	20MHz-5MHz	16QAM-16QAM	44690-44807	100RB#0-25RB#0	22.74	16.64	30	PASS
43-43	20MHz-5MHz	16QAM-16QAM	44690-44807	1RB#0-0RB#0	24.07	17.97	30	PASS
43-43	20MHz-5MHz	16QAM-16QAM	45065-45182	100RB#0-25RB#0	22.3	16.2	30	PASS
43-43	20MHz-5MHz	16QAM-16QAM	45065-45182	1RB#0-0RB#0	23.8	17.7	30	PASS
43-43	20MHz-5MHz	16QAM-16QAM	45440-45557	100RB#0-25RB#0	22.09	15.99	30	PASS
43-43	20MHz-5MHz	16QAM-16QAM	45440-45557	1RB#0-0RB#0	23.3	17.2	30	PASS
43-43	20MHz-5MHz	64QAM-64QAM	44690-44807	100RB#0-25RB#0	22.74	16.64	30	PASS
43-43	20MHz-5MHz	64QAM-64QAM	44690-44807	1RB#0-0RB#0	23.27	17.17	30	PASS
43-43	20MHz-5MHz	64QAM-64QAM	45065-45182	100RB#0-25RB#0	22.29	16.19	30	PASS
43-43	20MHz-5MHz	64QAM-64QAM	45065-45182	1RB#0-0RB#0	23.01	16.91	30	PASS
43-43	20MHz-5MHz	64QAM-64QAM	45440-45557	100RB#0-25RB#0	22.08	15.98	30	PASS
43-43	20MHz-5MHz	64QAM-64QAM	45440-45557	1RB#0-0RB#0	22.55	16.45	30	PASS
43-43	20MHz-5MHz	256QAM-256QAM	44690-44807	100RB#0-25RB#0	20.75	14.65	30	PASS
43-43	20MHz-5MHz	256QAM-256QAM	44690-44807	1RB#0-0RB#0	20.14	14.04	30	PASS
43-43	20MHz-5MHz	256QAM-256QAM	45065-45182	100RB#0-25RB#0	20.29	14.19	30	PASS
43-43	20MHz-5MHz	256QAM-256QAM	45065-45182	1RB#0-0RB#0	19.95	13.85	30	PASS
43-43	20MHz-5MHz	256QAM-256QAM	45440-45557	100RB#0-25RB#0	20.13	14.03	30	PASS
43-43	20MHz-5MHz	256QAM-256QAM	45440-45557	1RB#0-0RB#0	19.26	13.16	30	PASS
43-43	5MHz-20MHz	QPSK-QPSK	44623-44740	1RB#0-0RB#0	24.75	18.65	30	PASS
43-43	5MHz-20MHz	QPSK-QPSK	44623-44740	50RB#0-100RB#0	22.25	16.15	30	PASS
43-43	5MHz-20MHz	QPSK-QPSK	44998-45115	1RB#0-0RB#0	21.86	15.76	30	PASS
43-43	5MHz-20MHz	QPSK-QPSK	44998-45115	50RB#0-100RB#0	21.93	15.83	30	PASS
43-43	5MHz-20MHz	QPSK-QPSK	45373-45490	1RB#0-0RB#0	24	17.9	30	PASS
43-43	5MHz-20MHz	QPSK-QPSK	45373-45490	50RB#0-100RB#0	21.53	15.43	30	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44623-44740	1RB#0-0RB#0	24.09	17.99	30	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44623-44740	50RB#0-100RB#0	22.47	16.37	30	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44998-45115	1RB#0-0RB#0	23.92	17.82	30	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44998-45115	50RB#0-100RB#0	22.16	16.06	30	PASS
43-43	5MHz-20MHz	16QAM-16QAM	45373-45490	1RB#0-0RB#0	23.31	17.21	30	PASS
43-43	5MHz-20MHz	16QAM-16QAM	45373-45490	50RB#0-100RB#0	21.8	15.7	30	PASS
43-43	5MHz-20MHz	64QAM-64QAM	44623-44740	1RB#0-0RB#0	23.37	17.27	30	PASS
43-43	5MHz-20MHz	64QAM-64QAM	44623-44740	50RB#0-100RB#0	22.63	16.53	30	PASS
43-43	5MHz-20MHz	64QAM-64QAM	44998-45115	1RB#0-0RB#0	23.24	17.14	30	PASS



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43-43	5MHz-20MHz	64QAM-64QAM	44998-45115	50RB#0-100RB#0	22.42	16.32	30	PASS
43-43	5MHz-20MHz	64QAM-64QAM	45373-45490	1RB#0-0RB#0	22.58	16.48	30	PASS
43-43	5MHz-20MHz	64QAM-64QAM	45373-45490	50RB#0-100RB#0	21.95	15.85	30	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44623-44740	1RB#0-0RB#0	20.11	14.01	30	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44623-44740	50RB#0-100RB#0	20.43	14.33	30	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44998-45115	1RB#0-0RB#0	20.01	13.91	30	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44998-45115	50RB#0-100RB#0	20.21	14.11	30	PASS
43-43	5MHz-20MHz	256QAM-256QAM	45373-45490	1RB#0-0RB#0	19.4	13.3	30	PASS
43-43	5MHz-20MHz	256QAM-256QAM	45373-45490	50RB#0-100RB#0	19.79	13.69	30	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	11.10	13	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44690-44888	100RB#0-100RB#0	11.06	13	PASS
43-43	20MHz-20MHz	QPSK-QPSK	45292-45490	100RB#0-100RB#0	11.04	13	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44491-44689	100RB#0-100RB#0	11.30	13	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44690-44888	100RB#0-100RB#0	11.26	13	PASS
43-43	20MHz-20MHz	16QAM-16QAM	45292-45490	100RB#0-100RB#0	11.30	13	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44491-44689	100RB#0-100RB#0	11.34	13	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44690-44888	100RB#0-100RB#0	11.32	13	PASS
43-43	20MHz-20MHz	64QAM-64QAM	45292-45490	100RB#0-100RB#0	11.24	13	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44491-44689	100RB#0-100RB#0	11.36	13	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44690-44888	100RB#0-100RB#0	11.38	13	PASS
43-43	20MHz-20MHz	256QAM-256QAM	45292-45490	100RB#0-100RB#0	11.34	13	PASS



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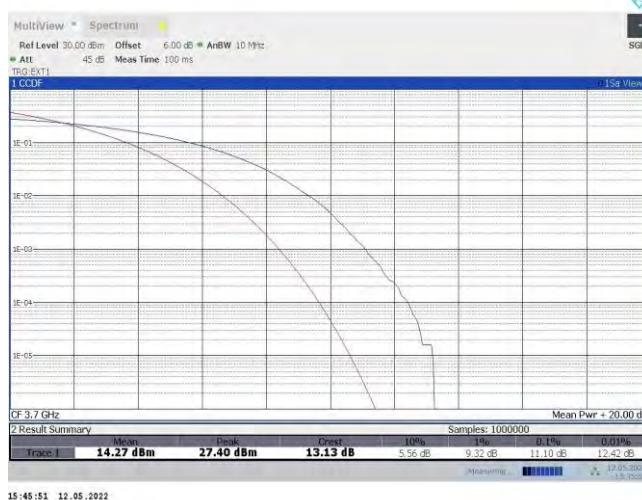
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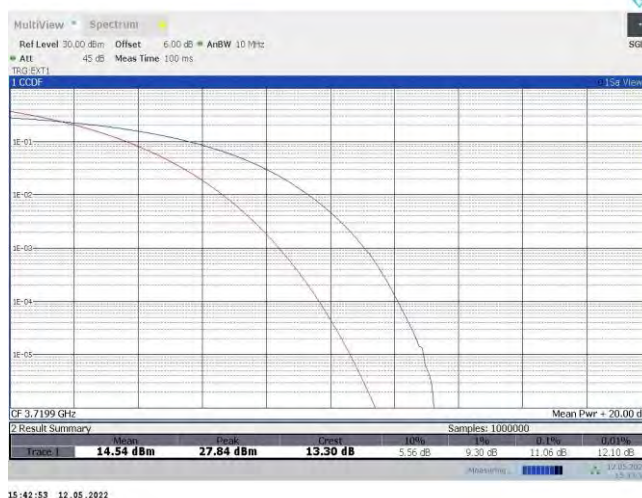
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Test Graphs

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43-43-20MHz-20MHz-QPSK-QPSK-44690-44888-100RB#0-100RB#0



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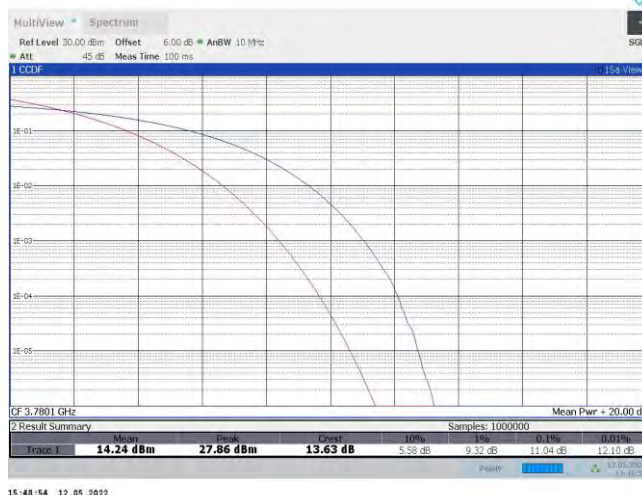
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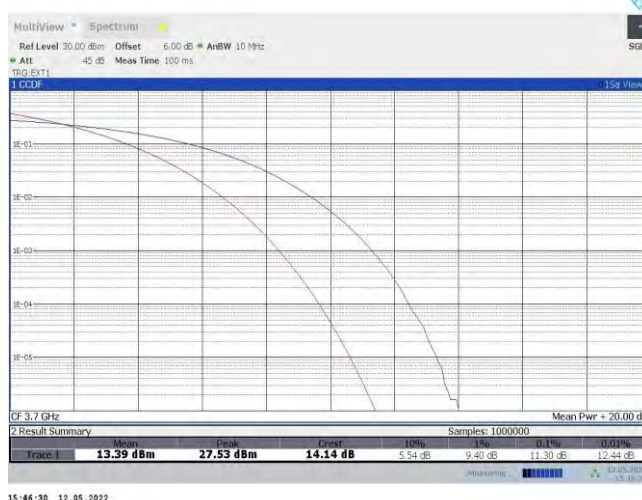
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43-43-20MHz-20MHz-16QAM-16QAM-44491-44689-100RB#0-100RB#0



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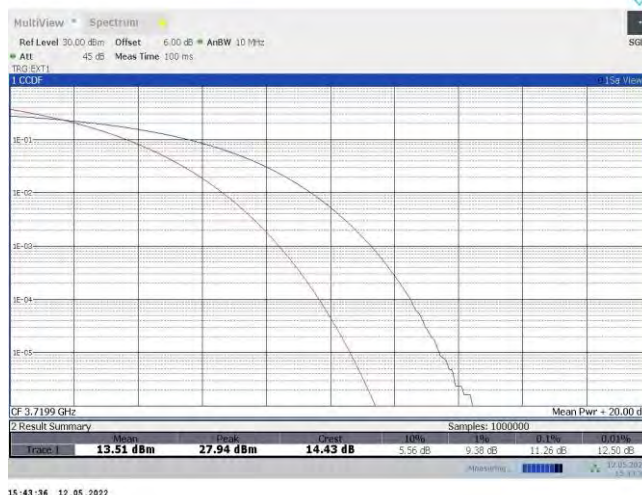
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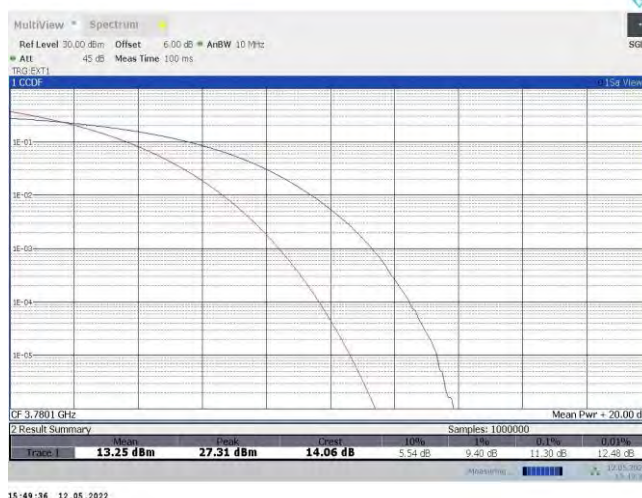
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43-43-20MHz-20MHz-16QAM-16QAM-44690-44888-100RB#0-100RB#0



43-43-20MHz-20MHz-16QAM-16QAM-45292-45490-100RB#0-100RB#0



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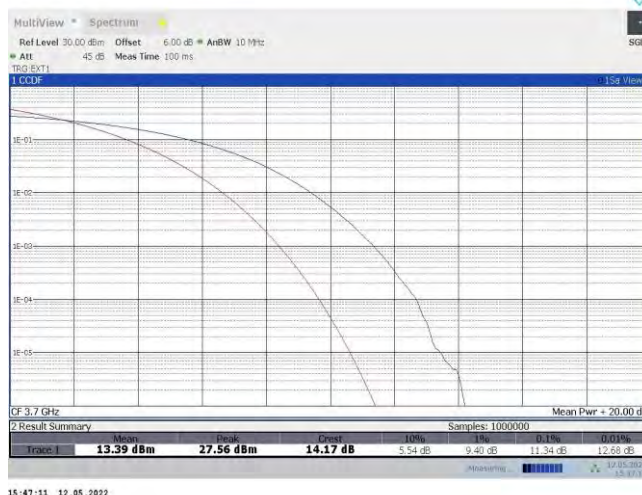
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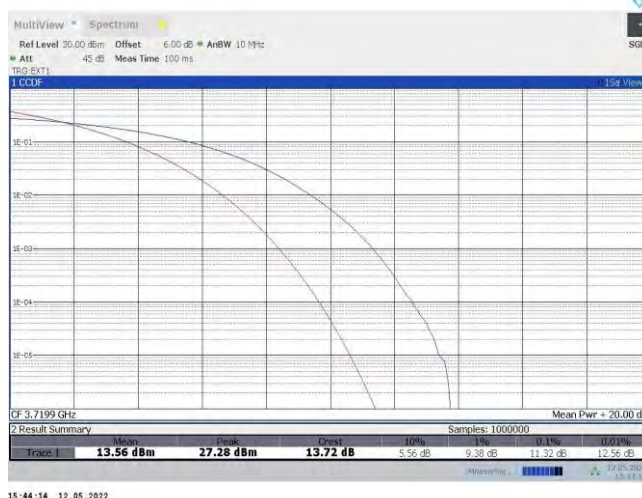
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43-43-20MHz-20MHz-64QAM-64QAM-44690-44888-100RB#0-100RB#0



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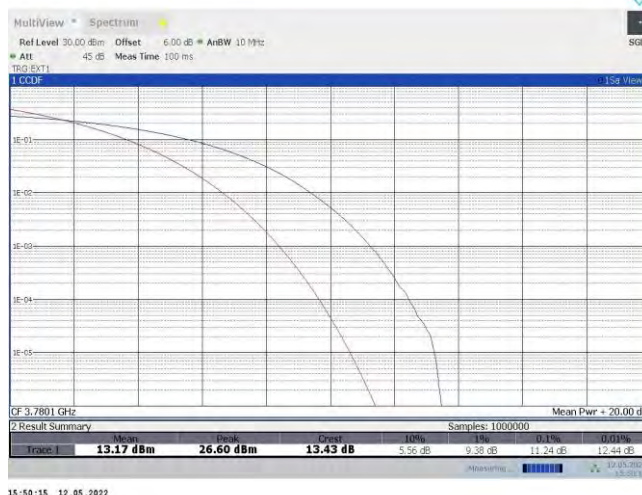
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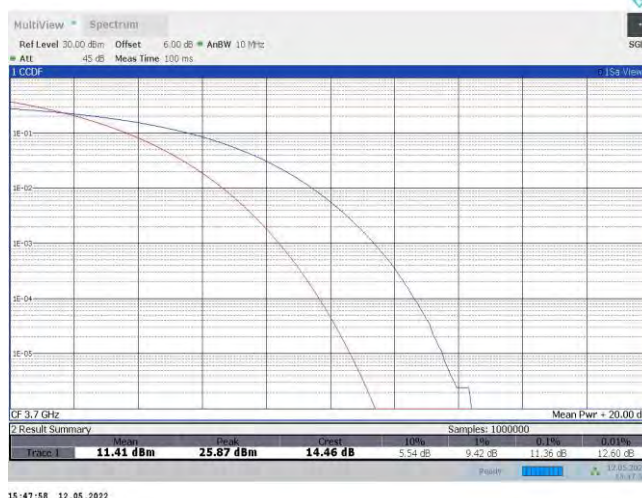
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43-43-20MHz-20MHz-256QAM-256QAM-44491-44689-100RB#0-100RB#0



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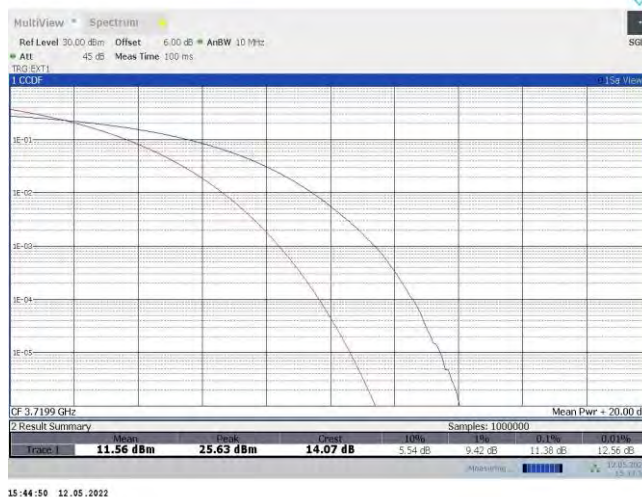
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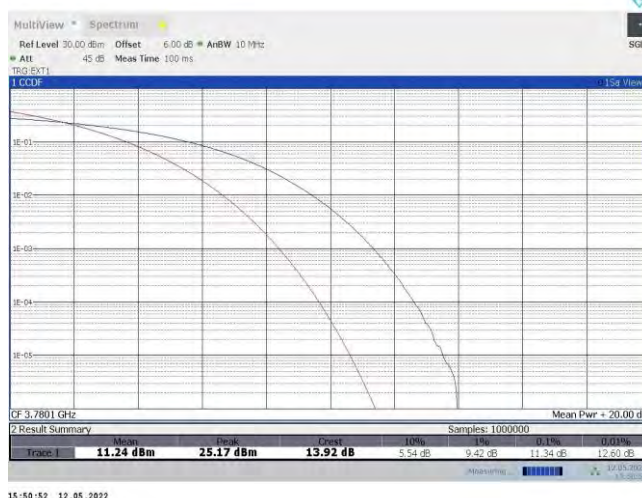
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43-43-20MHz-20MHz-256QAM-256QAM-44690-44888-100RB#0-100RB#0



43-43-20MHz-20MHz-256QAM-256QAM-45292-45490-100RB#0-100RB#0



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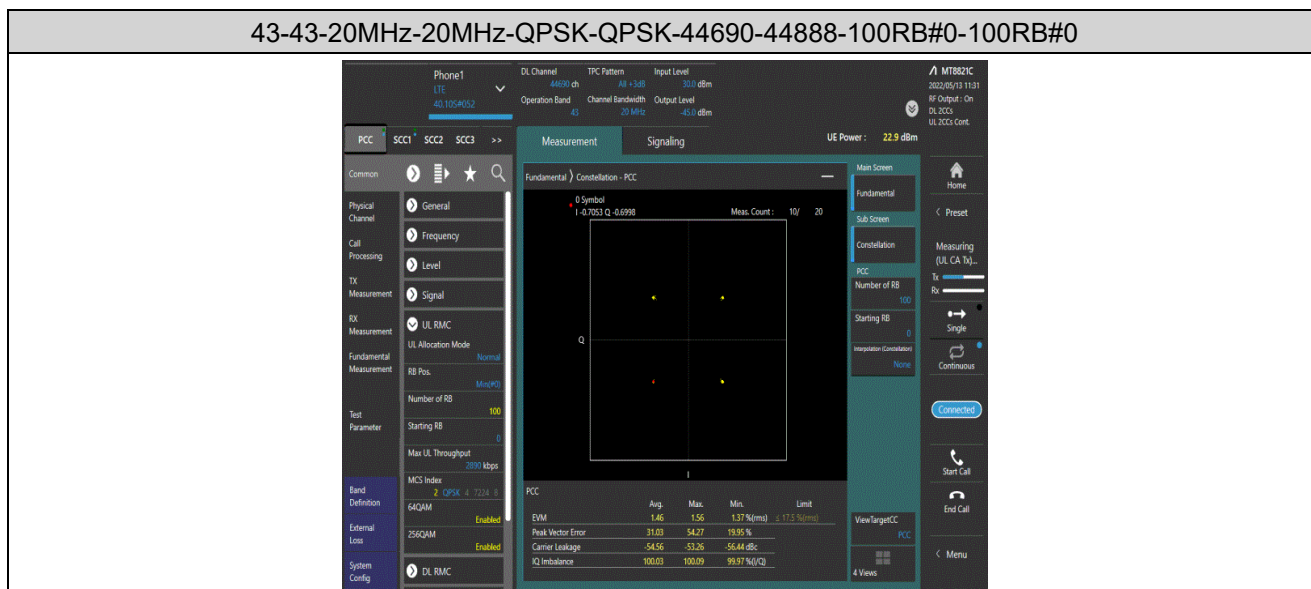
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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Verdict
43-43	20MHz-20MHz	QPSK-QPSK	44690-44888	100RB#0-100RB#0	PASS	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44690-44888	100RB#0-100RB#0	PASS	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44690-44888	100RB#0-100RB#0	PASS	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44690-44888	100RB#0-100RB#0	PASS	PASS

Test Graphs



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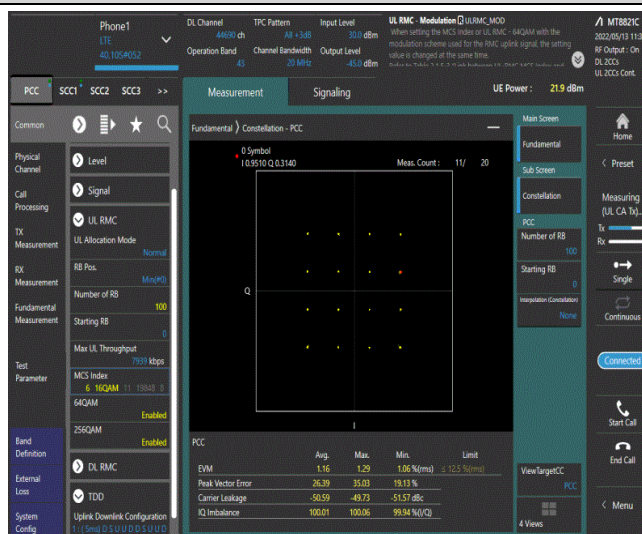
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43-43-20MHz-20MHz-16QAM-16QAM-44690-44888-100RB#0-100RB#0



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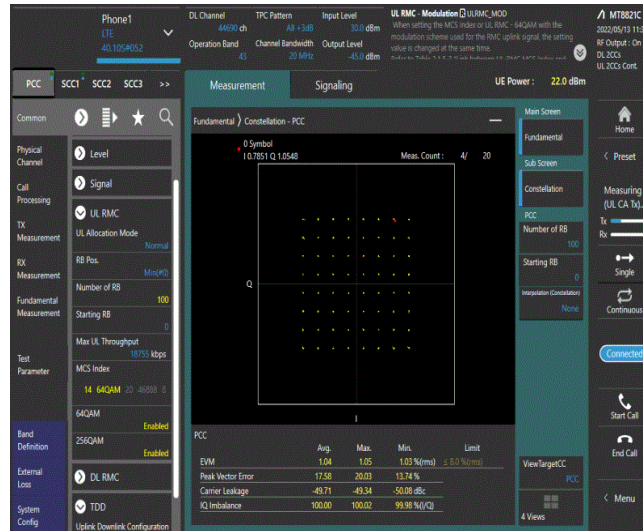
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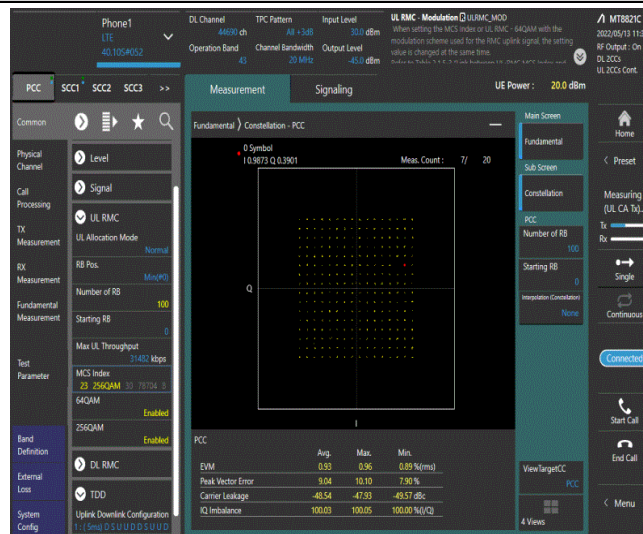
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43-43-20MHz-20MHz-64QAM-64QAM-44690-44888-100RB#0-100RB#0



43-43-20MHz-20MHz-256QAM-256QAM-44690-44888-100RB#0-100RB#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
43-43	10MHz-20MHz	QPSK-QPSK	44645-44789	50RB#0-100RB#0	27.900	30.13	PASS
43-43	10MHz-20MHz	QPSK-QPSK	44996-45140	50RB#0-100RB#0	27.616	33.47	PASS
43-43	10MHz-20MHz	QPSK-QPSK	45346-45490	50RB#0-100RB#0	27.694	32.40	PASS
43-43	10MHz-20MHz	16QAM-16QAM	44645-44789	50RB#0-100RB#0	27.876	31.87	PASS
43-43	10MHz-20MHz	16QAM-16QAM	44996-45140	50RB#0-100RB#0	27.807	32.27	PASS
43-43	10MHz-20MHz	16QAM-16QAM	45346-45490	50RB#0-100RB#0	27.852	33.60	PASS
43-43	10MHz-20MHz	64QAM-64QAM	44645-44789	50RB#0-100RB#0	27.842	32.53	PASS
43-43	10MHz-20MHz	64QAM-64QAM	44996-45140	50RB#0-100RB#0	27.852	32.27	PASS
43-43	10MHz-20MHz	64QAM-64QAM	45346-45490	50RB#0-100RB#0	27.967	33.47	PASS
43-43	10MHz-20MHz	256QAM-256QAM	44645-44789	50RB#0-100RB#0	27.873	32.13	PASS
43-43	10MHz-20MHz	256QAM-256QAM	44996-45140	50RB#0-100RB#0	27.899	32.93	PASS
43-43	10MHz-20MHz	256QAM-256QAM	45346-45490	50RB#0-100RB#0	27.918	32.67	PASS
43-43	15MHz-20MHz	QPSK-QPSK	44668-44839	75RB#0-100RB#0	32.527	35.07	PASS
43-43	15MHz-20MHz	QPSK-QPSK	44993-45164	75RB#0-100RB#0	32.526	35.20	PASS
43-43	15MHz-20MHz	QPSK-QPSK	45319-45490	75RB#0-100RB#0	32.723	34.93	PASS
43-43	15MHz-20MHz	16QAM-16QAM	44668-44839	75RB#0-100RB#0	32.675	38.53	PASS
43-43	15MHz-20MHz	16QAM-16QAM	44993-45164	75RB#0-100RB#0	32.661	37.60	PASS
43-43	15MHz-20MHz	16QAM-16QAM	45319-45490	75RB#0-100RB#0	32.688	38.27	PASS
43-43	15MHz-20MHz	64QAM-64QAM	44668-44839	75RB#0-100RB#0	32.592	38.40	PASS
43-43	15MHz-20MHz	64QAM-64QAM	44993-45164	75RB#0-100RB#0	32.636	38.00	PASS
43-43	15MHz-20MHz	64QAM-64QAM	45319-45490	75RB#0-100RB#0	32.594	38.40	PASS
43-43	15MHz-20MHz	256QAM-256QAM	44668-44839	75RB#0-100RB#0	32.672	37.47	PASS
43-43	15MHz-20MHz	256QAM-256QAM	44993-45164	75RB#0-100RB#0	32.588	37.33	PASS
43-43	15MHz-20MHz	256QAM-256QAM	45319-45490	75RB#0-100RB#0	32.705	38.13	PASS
43-43	20MHz-10MHz	QPSK-QPSK	44690-44834	100RB#0-50RB#0	27.800	30.27	PASS
43-43	20MHz-10MHz	QPSK-QPSK	45041-45185	100RB#0-50RB#0	27.884	30.13	PASS
43-43	20MHz-10MHz	QPSK-QPSK	45391-45535	100RB#0-50RB#0	27.947	30.27	PASS
43-43	20MHz-10MHz	16QAM-16QAM	44690-44834	100RB#0-50RB#0	27.906	33.60	PASS
43-43	20MHz-10MHz	16QAM-16QAM	45041-45185	100RB#0-50RB#0	27.961	33.47	PASS
43-43	20MHz-10MHz	16QAM-16QAM	45391-45535	100RB#0-50RB#0	27.973	33.47	PASS
43-43	20MHz-10MHz	64QAM-64QAM	44690-44834	100RB#0-50RB#0	27.937	33.47	PASS



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43-43	20MHz-10MHz	64QAM-64QAM	45041-45185	100RB#0-50RB#0	27.972	32.80	PASS
43-43	20MHz-10MHz	64QAM-64QAM	45391-45535	100RB#0-50RB#0	27.946	34.53	PASS
43-43	20MHz-10MHz	256QAM-256QAM	44690-44834	100RB#0-50RB#0	27.972	32.93	PASS
43-43	20MHz-10MHz	256QAM-256QAM	45041-45185	100RB#0-50RB#0	27.967	32.93	PASS
43-43	20MHz-10MHz	256QAM-256QAM	45391-45535	100RB#0-50RB#0	28.008	34.27	PASS
43-43	20MHz-15MHz	QPSK-QPSK	44690-44861	100RB#0-75RB#0	32.613	35.07	PASS
43-43	20MHz-15MHz	QPSK-QPSK	45016-45187	100RB#0-75RB#0	32.879	34.80	PASS
43-43	20MHz-15MHz	QPSK-QPSK	45341-45512	100RB#0-75RB#0	32.507	38.40	PASS
43-43	20MHz-15MHz	16QAM-16QAM	44690-44861	100RB#0-75RB#0	32.720	37.87	PASS
43-43	20MHz-15MHz	16QAM-16QAM	45016-45187	100RB#0-75RB#0	32.786	36.80	PASS
43-43	20MHz-15MHz	16QAM-16QAM	45341-45512	100RB#0-75RB#0	32.727	36.80	PASS
43-43	20MHz-15MHz	64QAM-64QAM	44690-44861	100RB#0-75RB#0	32.718	37.60	PASS
43-43	20MHz-15MHz	64QAM-64QAM	45016-45187	100RB#0-75RB#0	32.735	37.20	PASS
43-43	20MHz-15MHz	64QAM-64QAM	45341-45512	100RB#0-75RB#0	32.799	37.87	PASS
43-43	20MHz-15MHz	256QAM-256QAM	44690-44861	100RB#0-75RB#0	32.734	36.93	PASS
43-43	20MHz-15MHz	256QAM-256QAM	45016-45187	100RB#0-75RB#0	32.657	41.07	PASS
43-43	20MHz-15MHz	256QAM-256QAM	45341-45512	100RB#0-75RB#0	32.803	37.33	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44991-45189	100RB#0-100RB#0	37.278	39.87	PASS
43-43	20MHz-20MHz	QPSK-QPSK	45292-45490	100RB#0-100RB#0	37.587	40.00	PASS
43-43	20MHz-20MHz	16QAM-16QAM	44991-45189	100RB#0-100RB#0	37.486	42.53	PASS
43-43	20MHz-20MHz	16QAM-16QAM	45292-45490	100RB#0-100RB#0	37.539	42.40	PASS
43-43	20MHz-20MHz	64QAM-64QAM	44991-45189	100RB#0-100RB#0	37.548	40.93	PASS
43-43	20MHz-20MHz	64QAM-64QAM	45292-45490	100RB#0-100RB#0	37.526	42.80	PASS
43-43	20MHz-20MHz	256QAM-256QAM	44991-45189	100RB#0-100RB#0	37.496	43.87	PASS
43-43	20MHz-20MHz	256QAM-256QAM	45292-45490	100RB#0-100RB#0	37.605	43.87	PASS
43-43	20MHz-5MHz	QPSK-QPSK	44690-44807	100RB#0-25RB#0	22.764	24.25	PASS
43-43	20MHz-5MHz	QPSK-QPSK	45065-45182	100RB#0-25RB#0	22.828	24.25	PASS
43-43	20MHz-5MHz	QPSK-QPSK	45440-45557	100RB#0-25RB#0	22.860	24.83	PASS
43-43	20MHz-5MHz	16QAM-16QAM	44690-44807	100RB#0-25RB#0	22.897	26.33	PASS
43-43	20MHz-5MHz	16QAM-16QAM	45065-45182	100RB#0-25RB#0	22.899	26.08	PASS
43-43	20MHz-5MHz	16QAM-16QAM	45440-45557	100RB#0-25RB#0	22.895	26.33	PASS
43-43	20MHz-5MHz	64QAM-64QAM	44690-44807	100RB#0-25RB#0	22.847	25.92	PASS
43-43	20MHz-5MHz	64QAM-64QAM	45065-45182	100RB#0-25RB#0	22.875	27.42	PASS
43-43	20MHz-5MHz	64QAM-64QAM	45440-45557	100RB#0-25RB#0	22.896	26.25	PASS
43-43	20MHz-5MHz	256QAM-256QAM	44690-44807	100RB#0-25RB#0	22.905	25.58	PASS
43-43	20MHz-5MHz	256QAM-256QAM	45065-45182	100RB#0-25RB#0	22.879	26.75	PASS
43-43	20MHz-5MHz	256QAM-256QAM	45440-45557	100RB#0-25RB#0	22.888	27.00	PASS
43-43	5MHz-20MHz	QPSK-QPSK	44623-44740	25RB#0-100RB#0	22.734	24.00	PASS



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43-43	5MHz-20MHz	QPSK-QPSK	44623-44740	25RB#0-100RB#0	22.527	24.08	PASS
43-43	5MHz-20MHz	QPSK-QPSK	44998-45115	25RB#0-100RB#0	22.873	24.08	PASS
43-43	5MHz-20MHz	QPSK-QPSK	45373-45490	25RB#0-100RB#0	22.607	24.00	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44623-44740	25RB#0-100RB#0	22.897	25.08	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44623-44740	25RB#0-100RB#0	22.695	25.67	PASS
43-43	5MHz-20MHz	16QAM-16QAM	44998-45115	25RB#0-100RB#0	22.675	25.08	PASS
43-43	5MHz-20MHz	16QAM-16QAM	45373-45490	25RB#0-100RB#0	22.667	25.33	PASS
43-43	5MHz-20MHz	64QAM-64QAM	44623-44740	25RB#0-100RB#0	22.908	25.17	PASS
43-43	5MHz-20MHz	64QAM-64QAM	44623-44740	25RB#0-100RB#0	22.651	25.00	PASS
43-43	5MHz-20MHz	64QAM-64QAM	44998-45115	25RB#0-100RB#0	22.652	24.58	PASS
43-43	5MHz-20MHz	64QAM-64QAM	45373-45490	25RB#0-100RB#0	22.651	25.08	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44623-44740	25RB#0-100RB#0	22.921	25.17	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44623-44740	25RB#0-100RB#0	22.667	24.75	PASS
43-43	5MHz-20MHz	256QAM-256QAM	44998-45115	25RB#0-100RB#0	22.663	24.75	PASS
43-43	5MHz-20MHz	256QAM-256QAM	45373-45490	25RB#0-100RB#0	22.714	25.25	PASS



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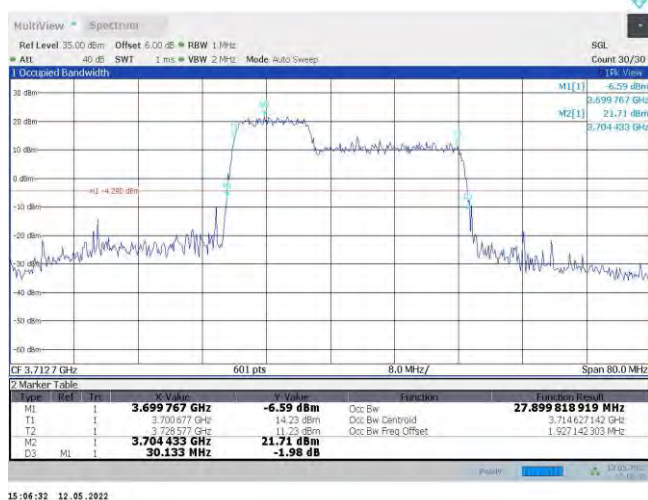
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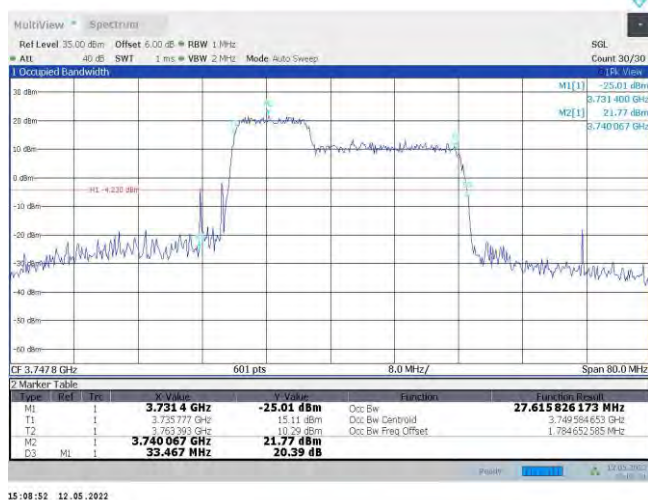
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Test Graphs

43-43-10MHz-20MHz-QPSK-QPSK-44645-44789-50RB#0-100RB#0



43-43-10MHz-20MHz-QPSK-QPSK-44996-45140-50RB#0-100RB#0



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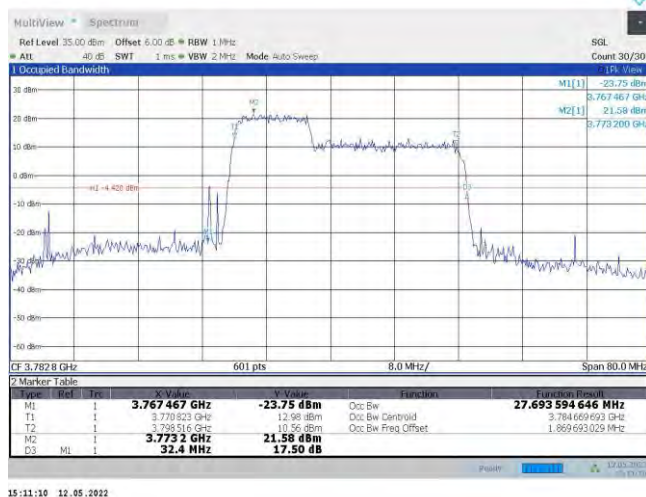
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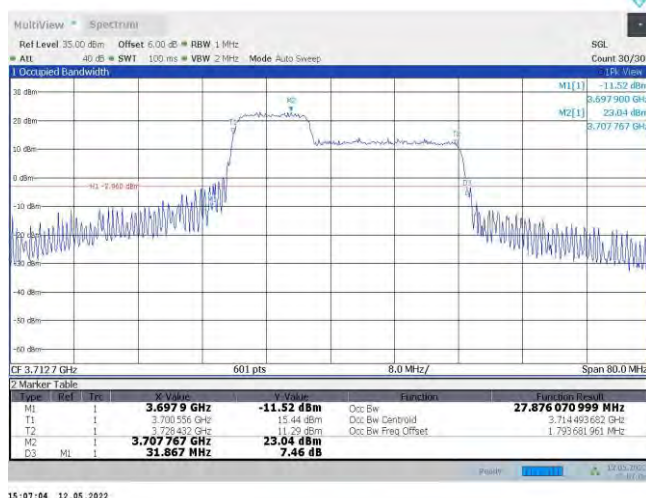
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43-43-10MHz-20MHz-QPSK-QPSK-45346-45490-50RB#0-100RB#0



15:11:10 12.05.2022

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15:07:04 12.05.2022



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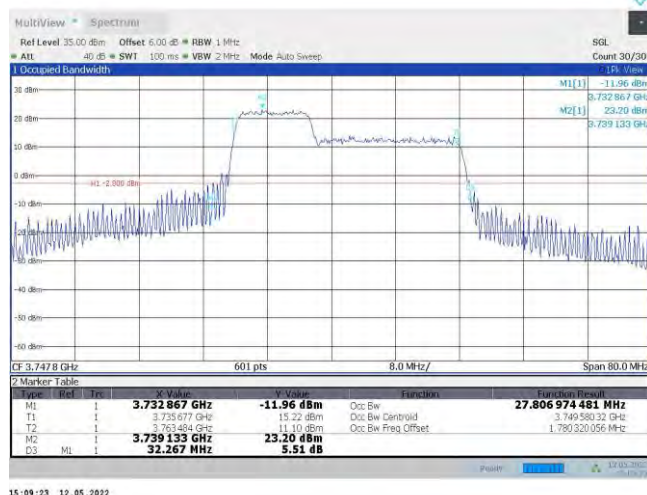
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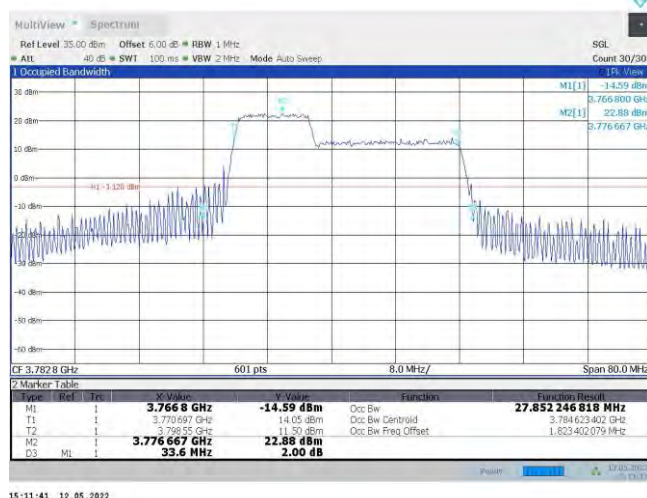
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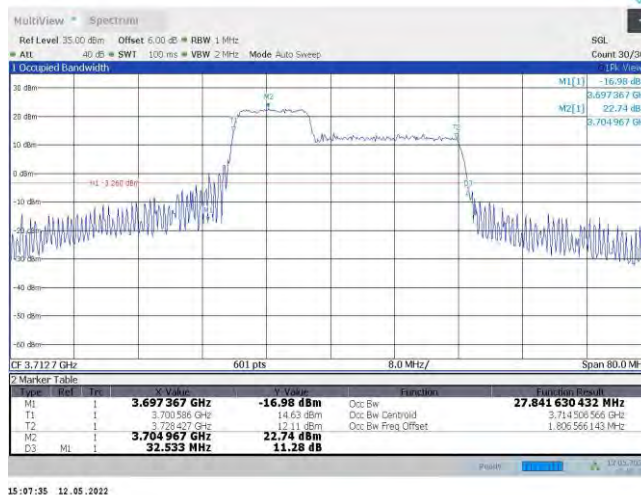
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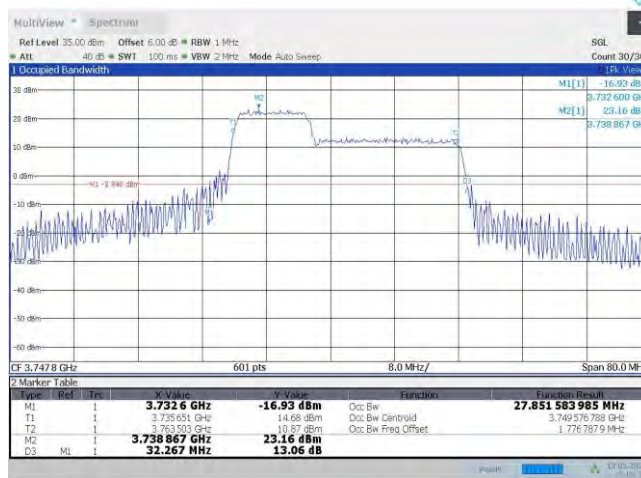
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43-43-10MHz-20MHz-64QAM-64QAM-44645-44789-50RB#0-100RB#0



15:07:35 12.05.2022

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15:09:54 12.05.2022



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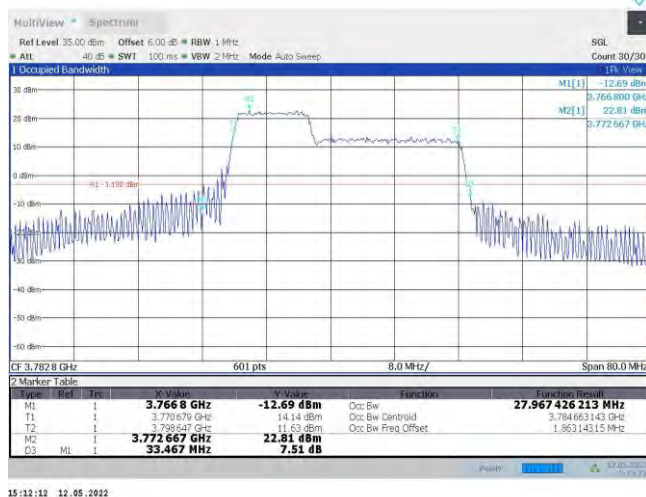
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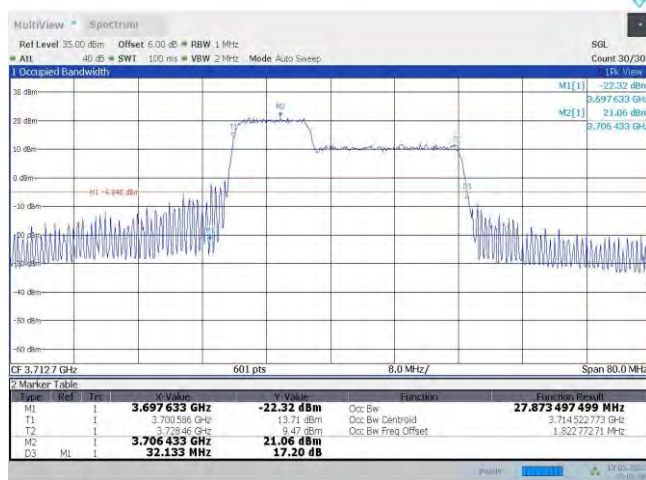
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43-43-10MHz-20MHz-64QAM-64QAM-45346-45490-50RB#0-100RB#0



15:12:12 12.05.2022

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15:08:06 12.05.2022



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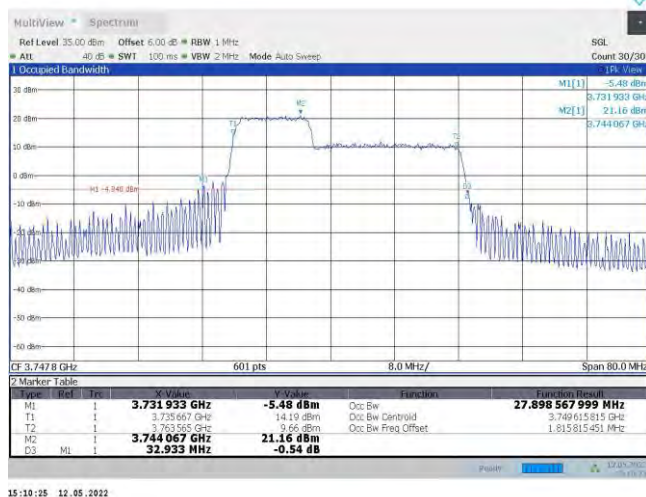
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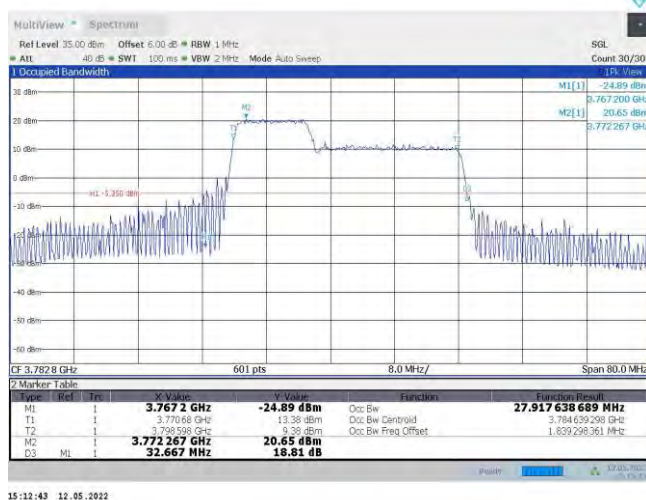
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43-43-10MHz-20MHz-256QAM-256QAM-45346-45490-50RB#0-100RB#0



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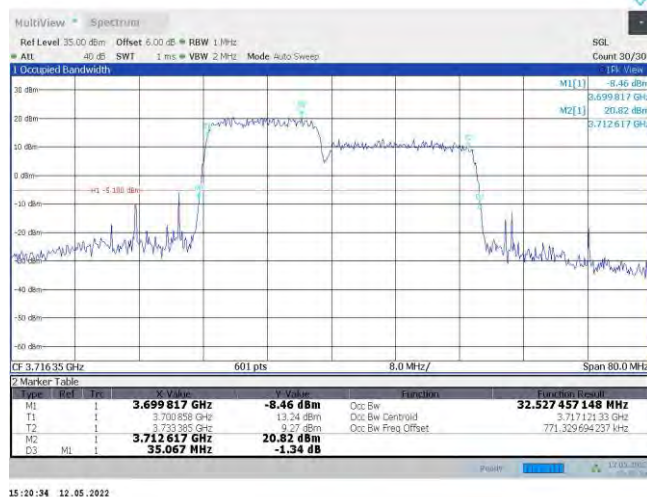
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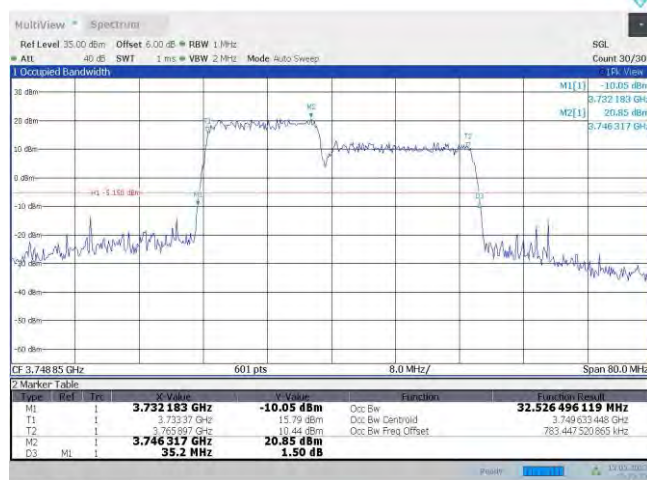
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43-43-15MHz-20MHz-QPSK-QPSK-44668-44839-75RB#0-100RB#0



15:20:34 12.05.2022

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15:22:53 12.05.2022



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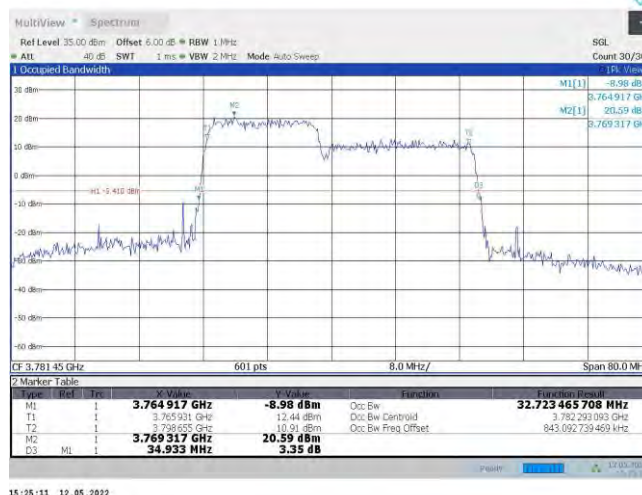
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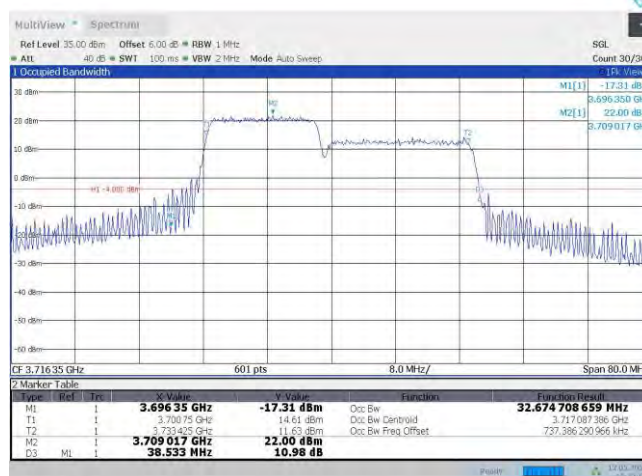
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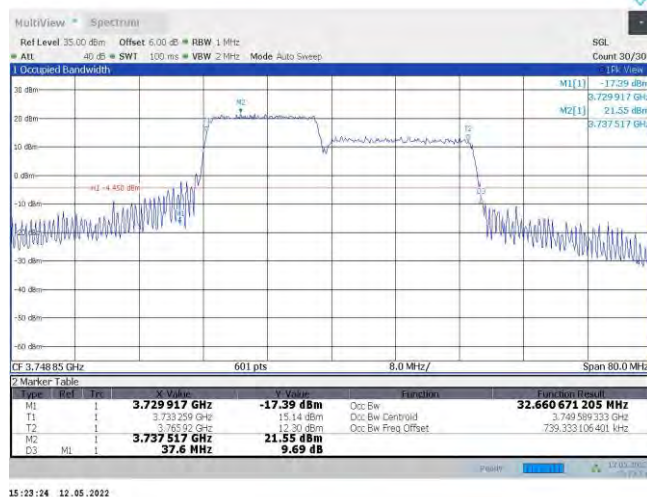
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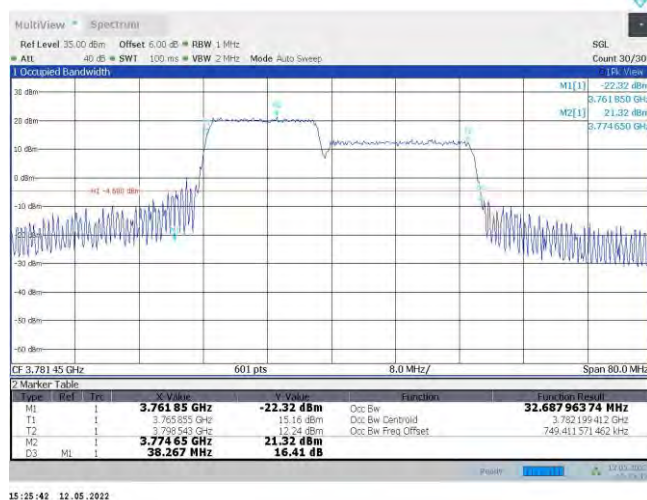
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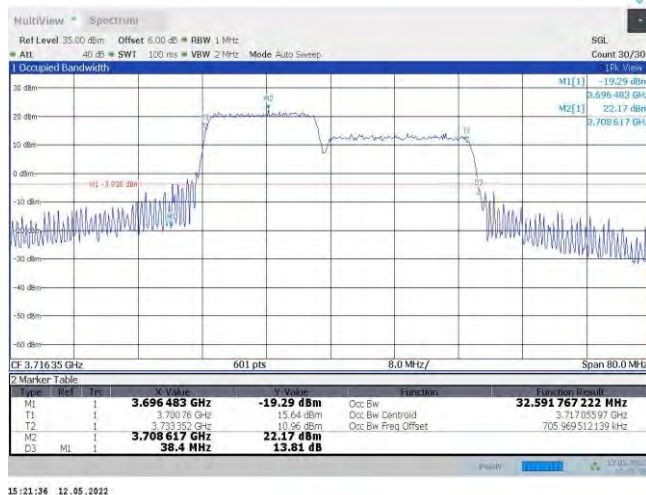
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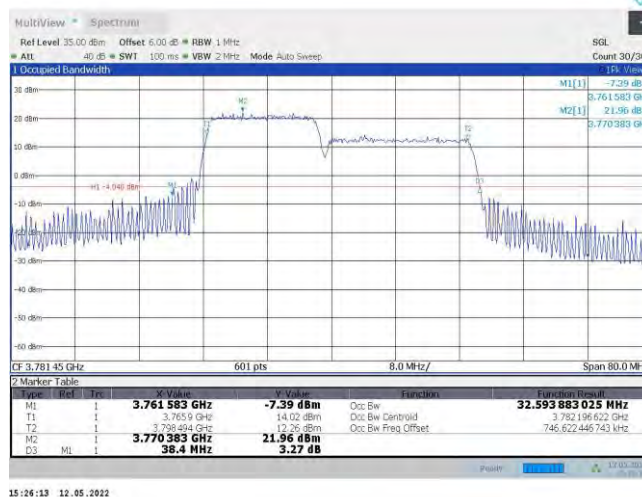
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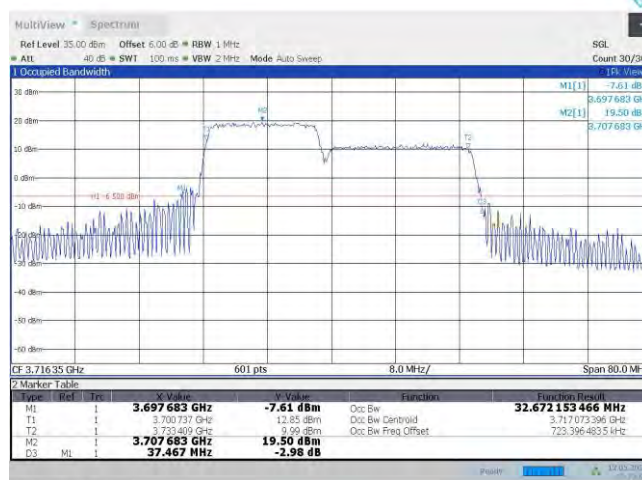
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15:24:13 12.05.2022

43-43-15MHz-20MHz-256QAM-256QAM-44668-44839-75RB#0-100RB#0



15:22:07 12.05.2022



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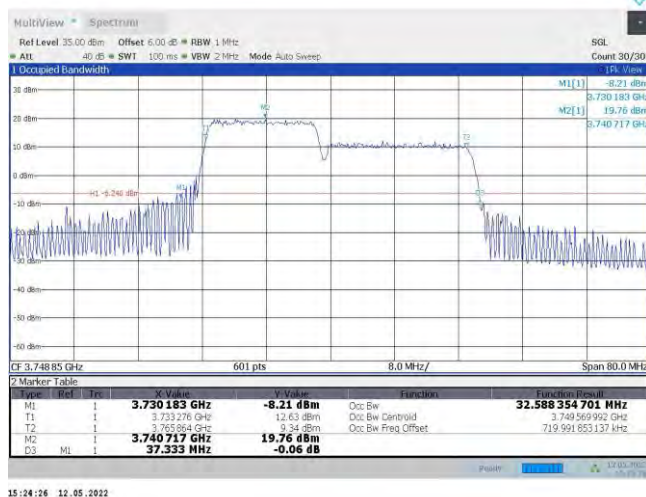
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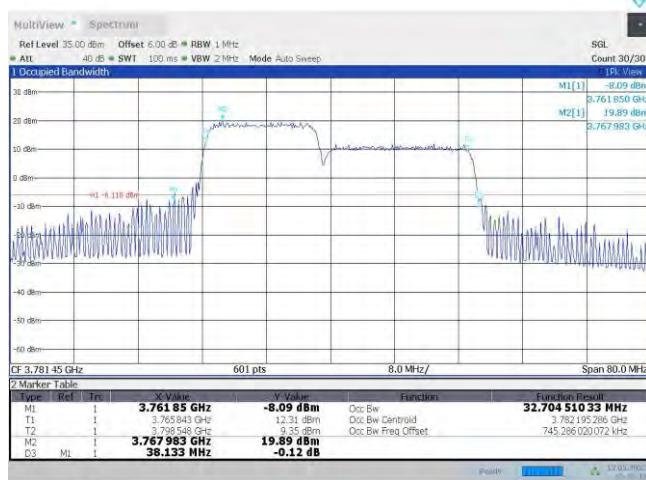
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15:24:26 12.05.2022

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15:26:44 12.05.2022



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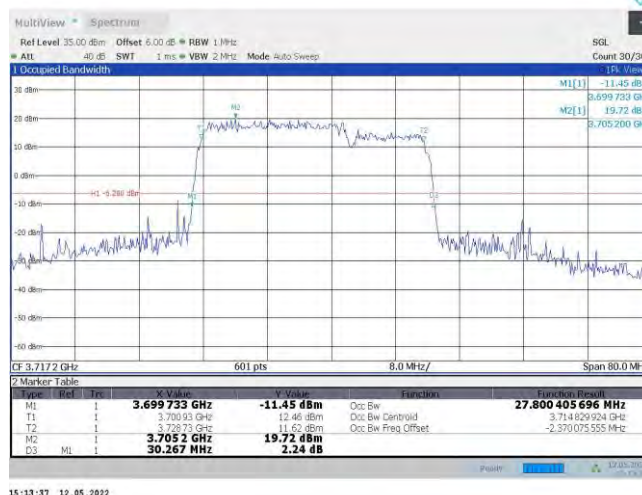
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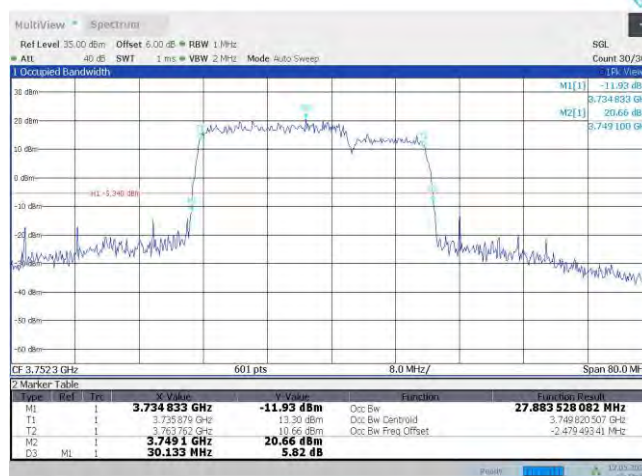
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43-43-20MHz-10MHz-QPSK-QPSK-4469-44834-100RB#0-50RB#0



15:13:37 12.05.2022

43-43-20MHz-10MHz-QPSK-QPSK-45041-45185-100RB#0-50RB#0



15:15:57 12.05.2022



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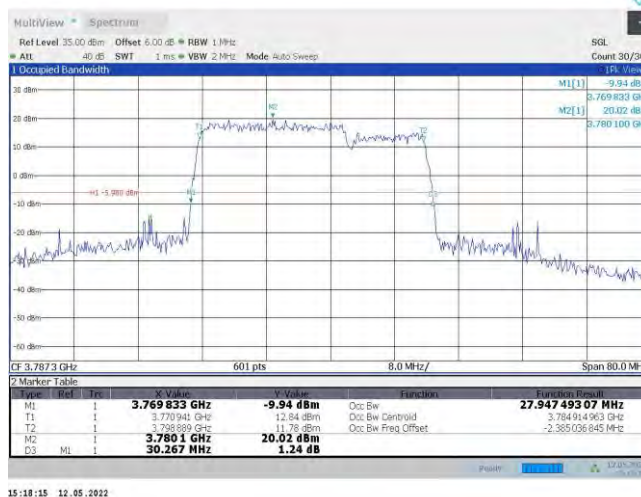
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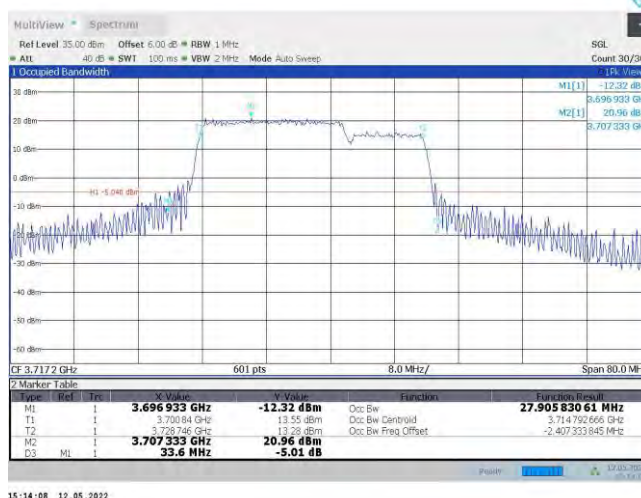
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43-43-20MHz-10MHz-QPSK-QPSK-45391-45535-100RB#0-50RB#0



43-43-20MHz-10MHz-16QAM-16QAM-44690-44834-100RB#0-50RB#0



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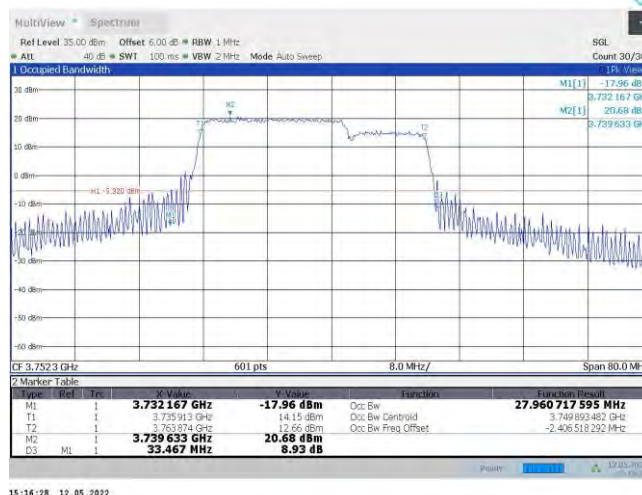
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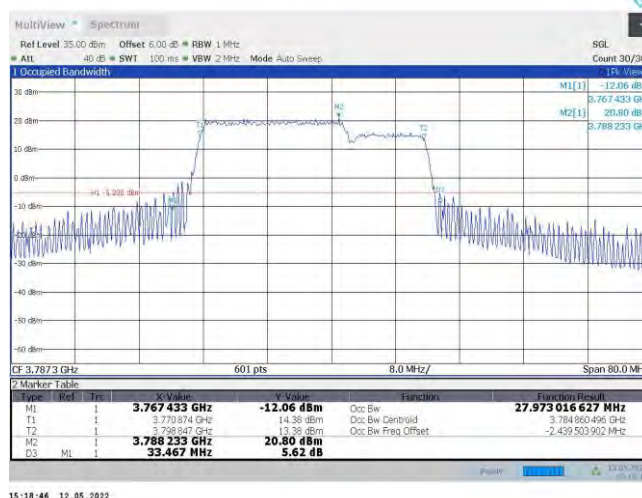
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43-43-20MHz-10MHz-16QAM-16QAM-45041-45185-100RB#0-50RB#0



43-43-20MHz-10MHz-16QAM-16QAM-45391-45535-100RB#0-50RB#0



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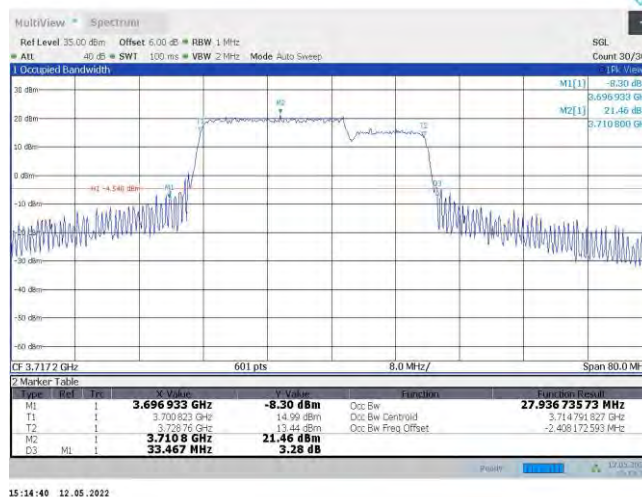
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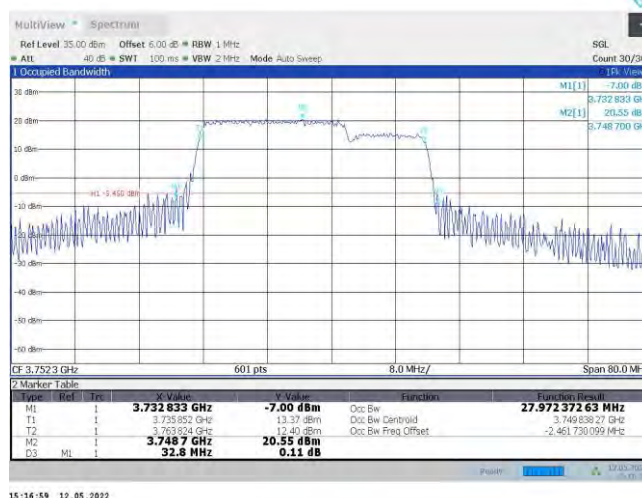
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43-43-20MHz-10MHz-64QAM-64QAM-44690-44834-100RB#0-50RB#0



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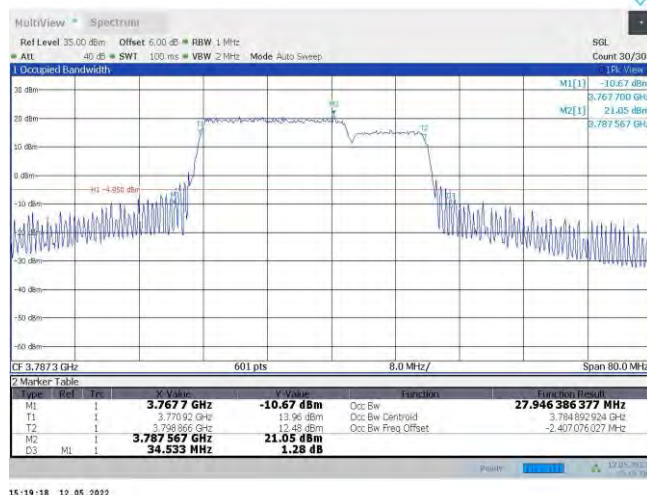
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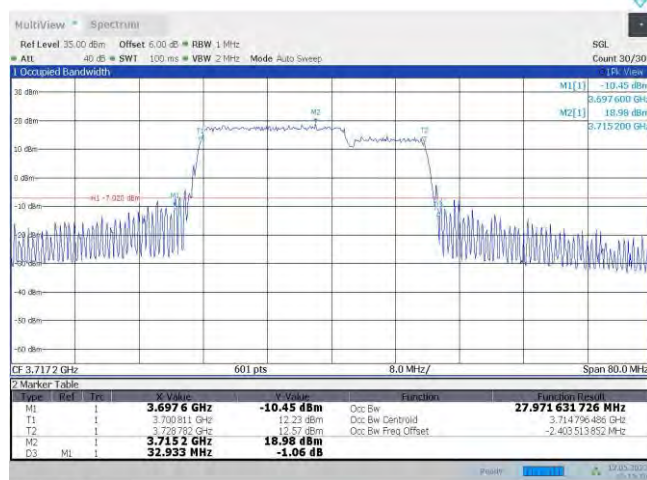
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15:19:18 12.05.2022

43-43-20MHz-10MHz-256QAM-256QAM-44690-44834-100RB#0-50RB#0



15:15:11 12.05.2022



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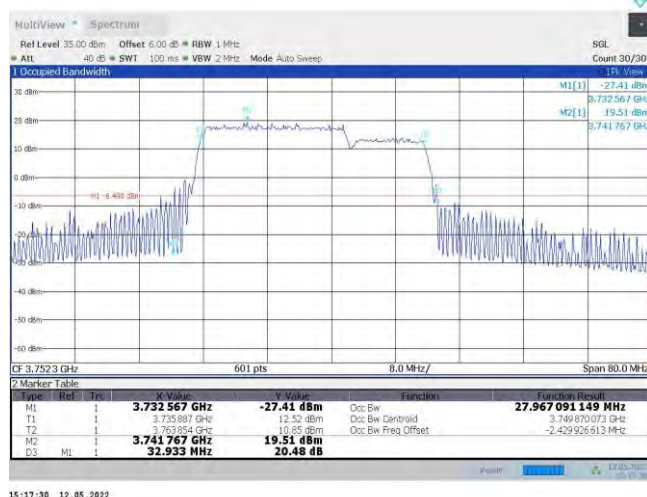
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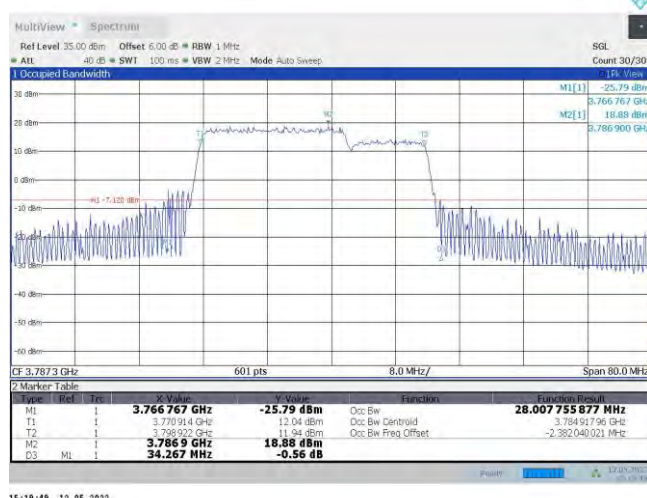
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15:17:30 12.05.2022

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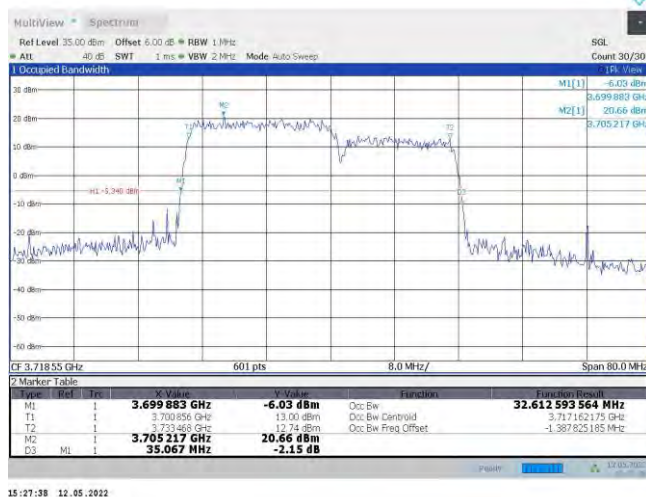
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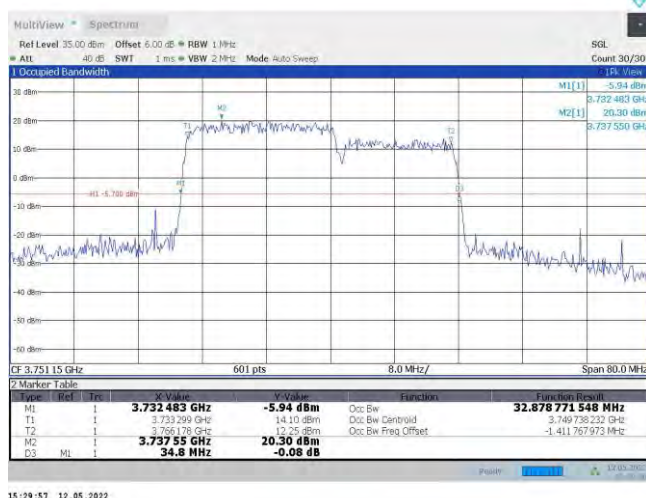
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15:27:38 12.05.2022

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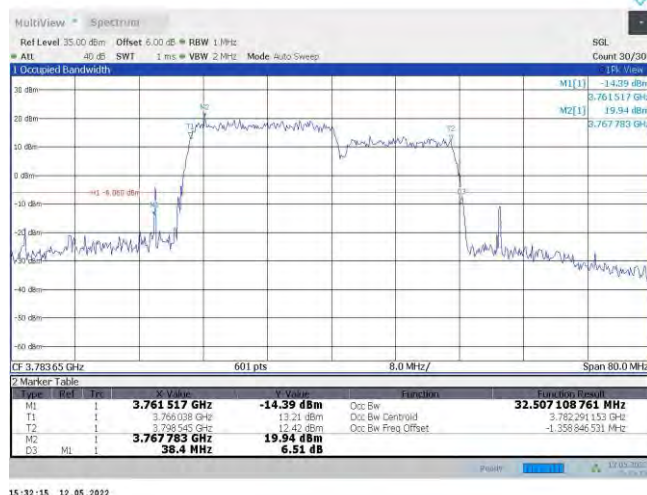
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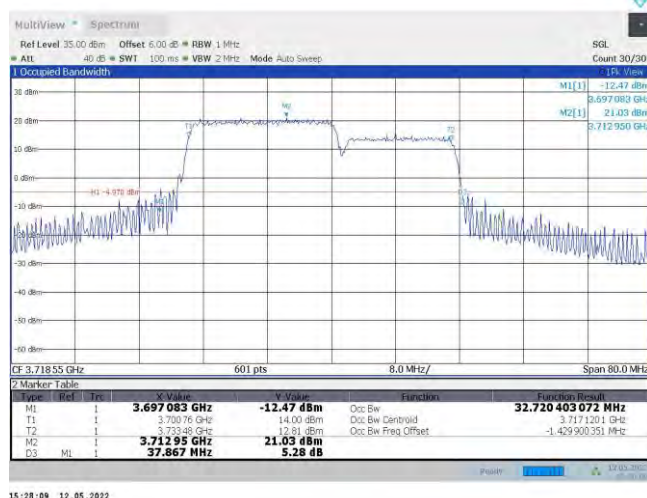
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43-43-20MHz-15MHz-16QAM-16QAM-44690-44861-100RB#0-75RB#0



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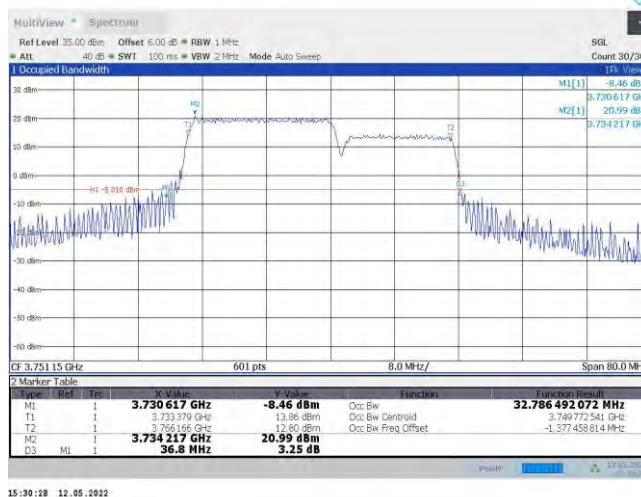
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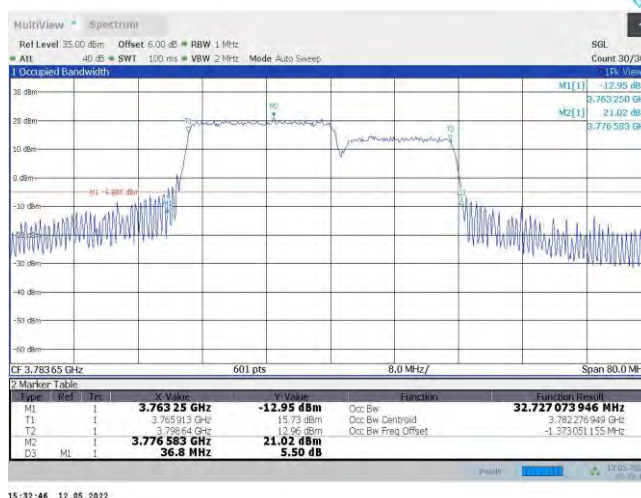
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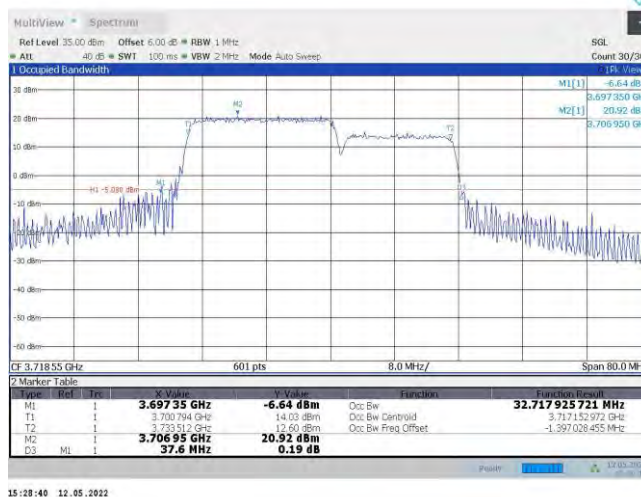
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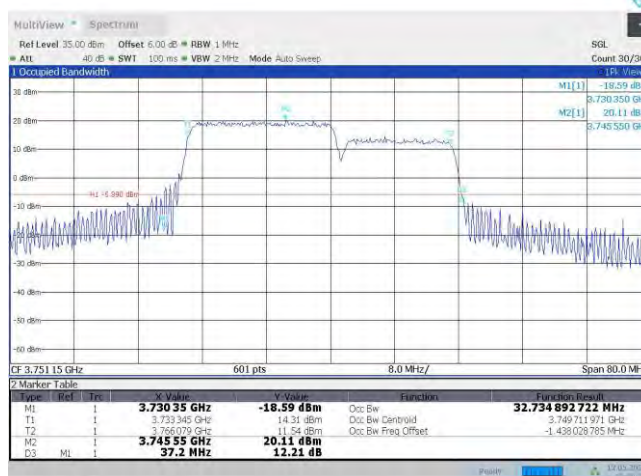
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43-43-20MHz-15MHz-64QAM-64QAM-44690-44861-100RB#0-75RB#0



15:28:40 12.05.2022

43-43-20MHz-15MHz-64QAM-64QAM-45016-45187-100RB#0-75RB#0



15:39:59 12.05.2022



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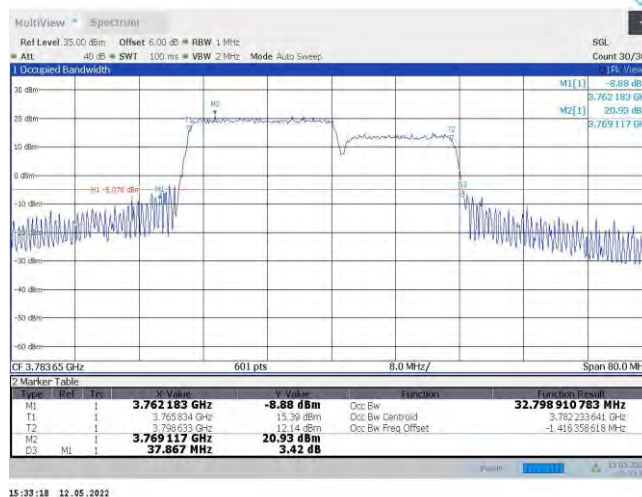
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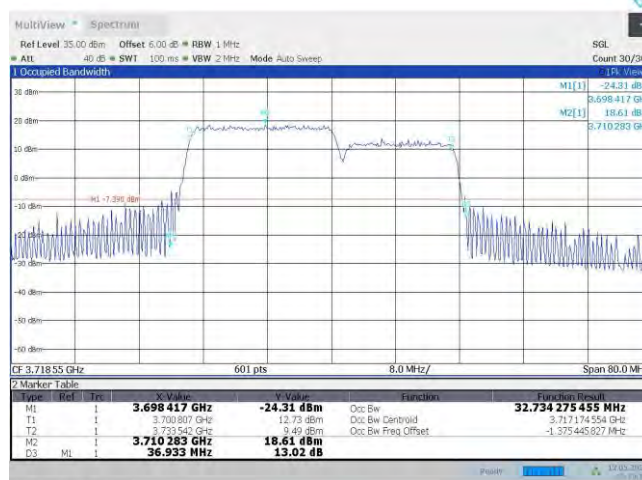
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43-43-20MHz-15MHz-64QAM-64QAM-45341-45512-100RB#0-75RB#0



15:33:18 12.05.2022

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15:29:11 12.05.2022



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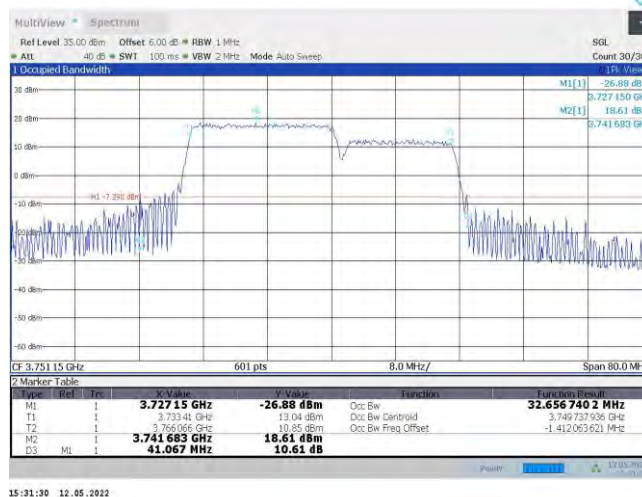
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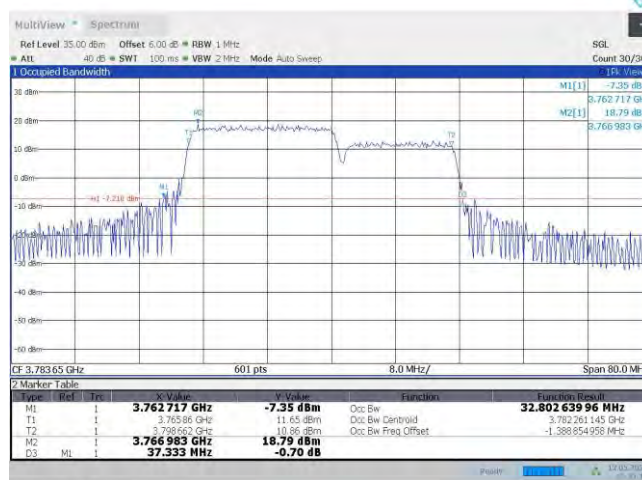
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43-43-20MHz-15MHz-256QAM-256QAM-45016-45187-100RB#0-75RB#0



15:31:30 12.05.2022

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15:33:49 12.05.2022



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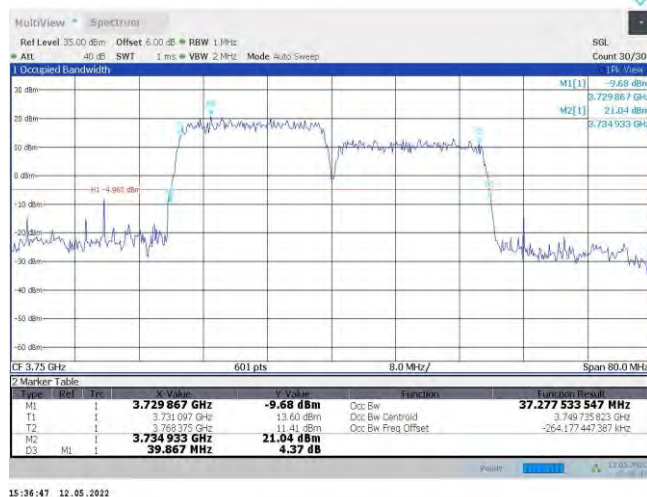
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43-43-20MHz-20MHz-QPSK-QPSK-44991-45189-100RB#0-100RB#0



15:36:47 12.05.2022

43-43-20MHz-20MHz-QPSK-QPSK-45292-45490-100RB#0-100RB#0



15:39:33 12.05.2022



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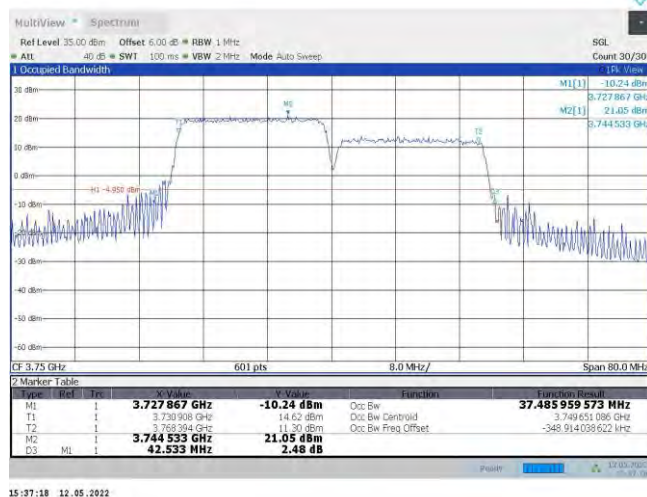
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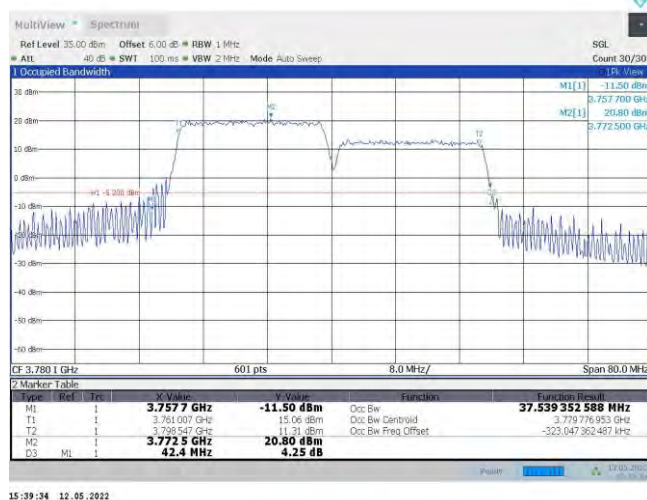
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43-43-20MHz-20MHz-16QAM-16QAM-44991-45189-100RB#0-100RB#0



43-43-20MHz-20MHz-16QAM-16QAM-45292-45490-100RB#0-100RB#0



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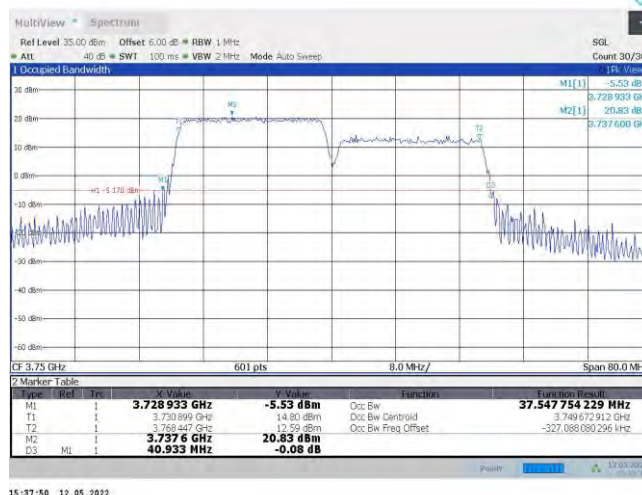
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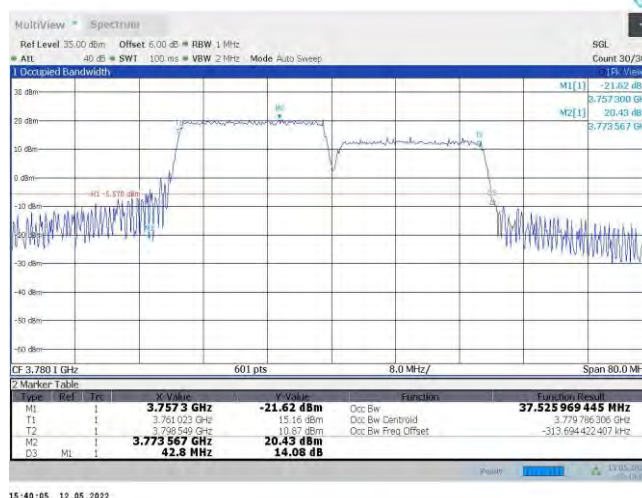
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43-43-20MHz-20MHz-64QAM-64QAM-45292-45490-100RB#0-100RB#0



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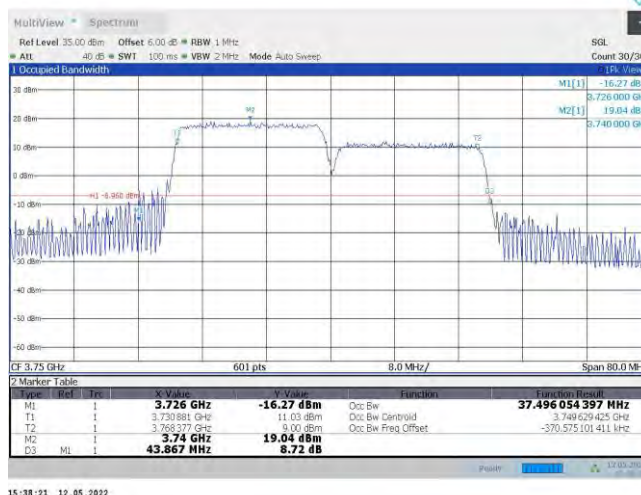
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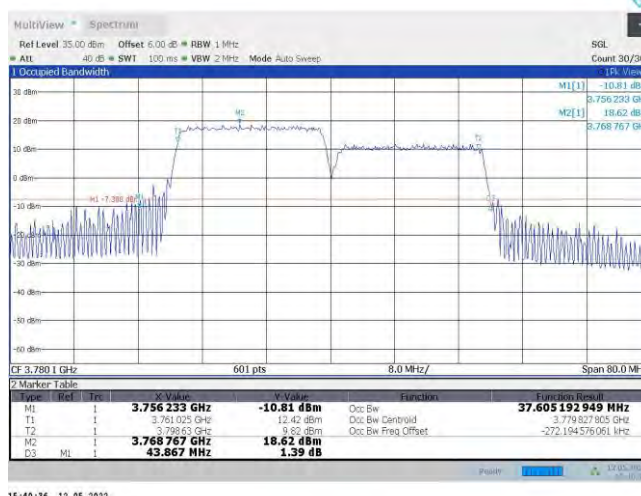
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43-43-20MHz-20MHz-256QAM-256QAM-44991-45189-100RB#0-100RB#0



15:38:21 12.05.2022

43-43-20MHz-20MHz-256QAM-256QAM-45292-45490-100RB#0-100RB#0



15:49:36 12.05.2022



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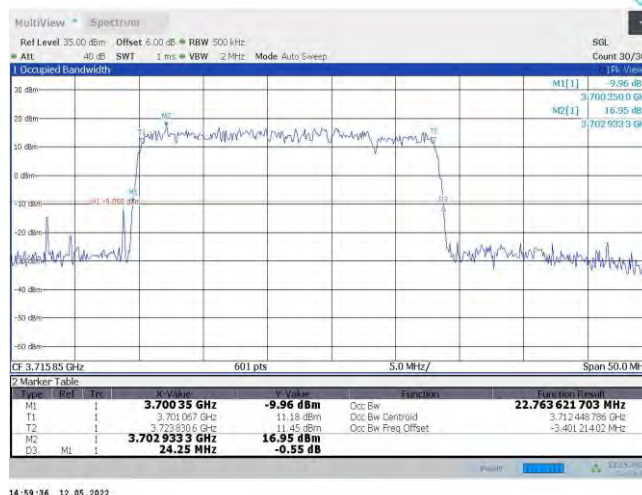
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43-43-20MHz-5MHz-QPSK-QPSK-45065-45182-100RB#0-25RB#0



15:01:55 12.05.2022



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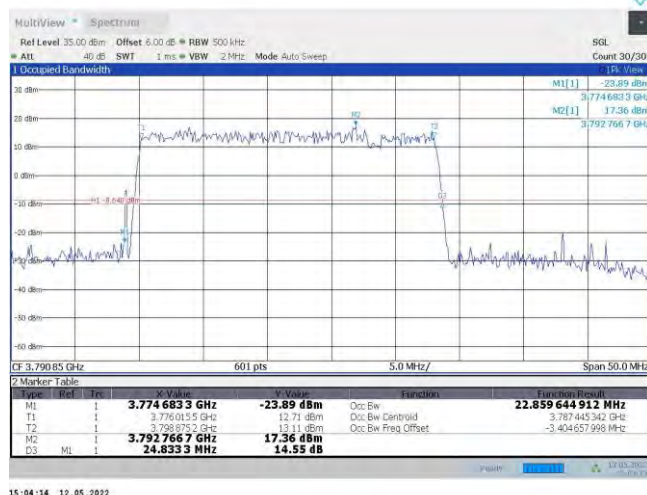
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15:04:14 12.05.2022

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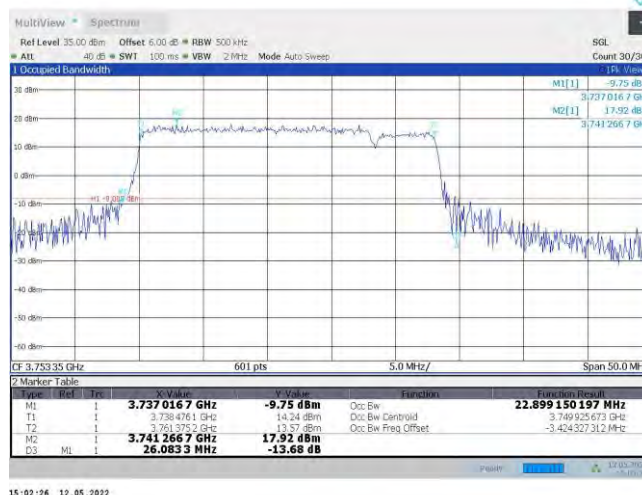
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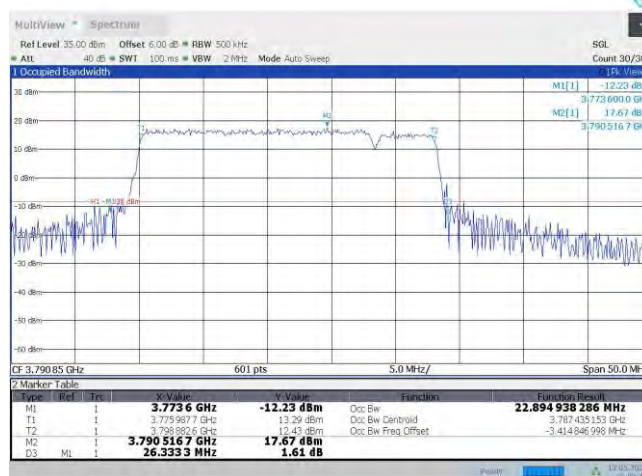
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43-43-20MHz-5MHz-16QAM-16QAM-45065-45182-100RB#0-25RB#0



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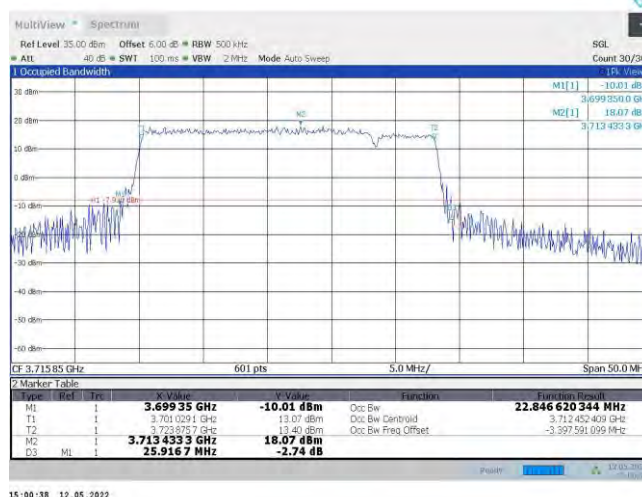
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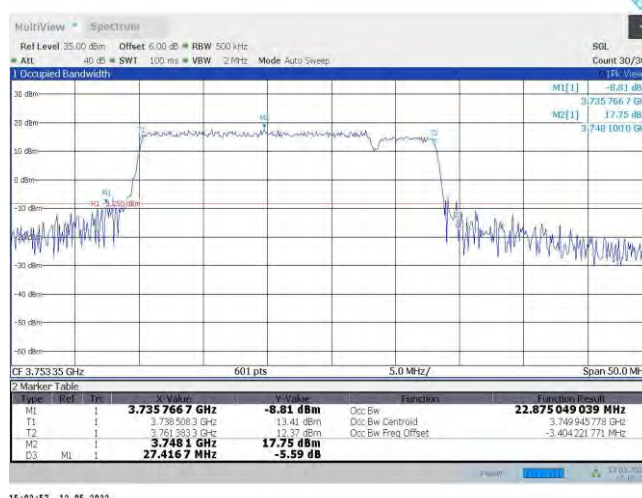
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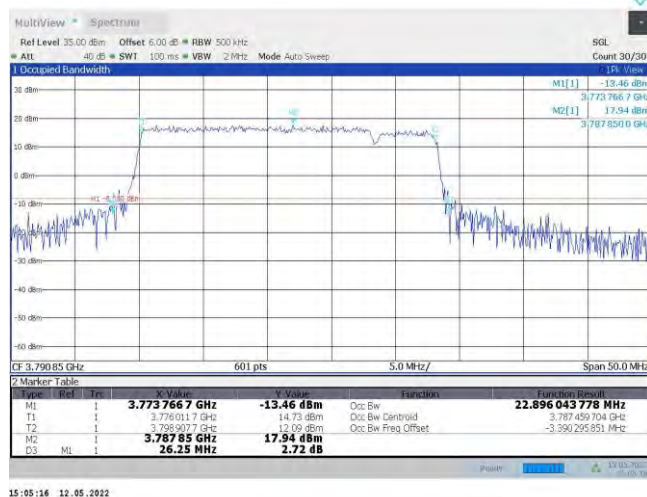
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15:05:16 12.05.2022

43-43-20MHz-5MHz-256QAM-256QAM-44690-44807-100RB#0-25RB#0



15:01:09 12.05.2022



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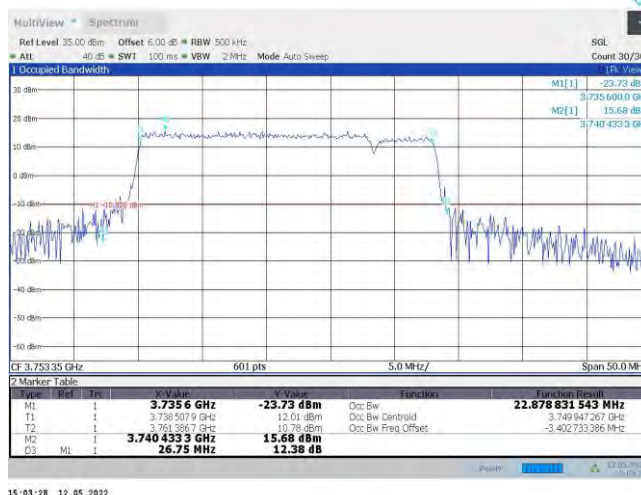
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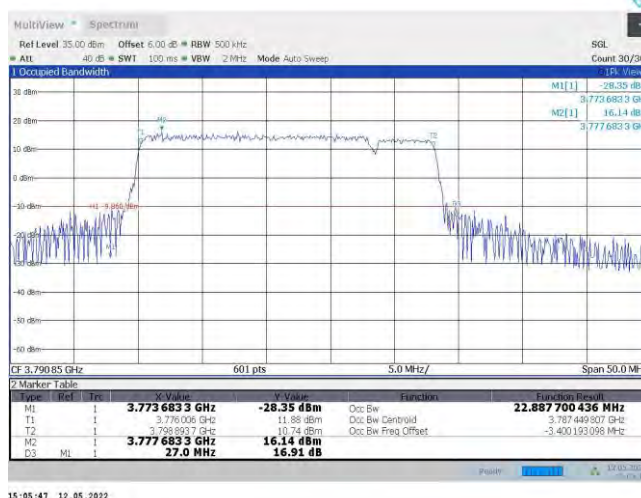
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43-43-20MHz-5MHz-256QAM-256QAM-45440-45557-100RB#0-25RB#0



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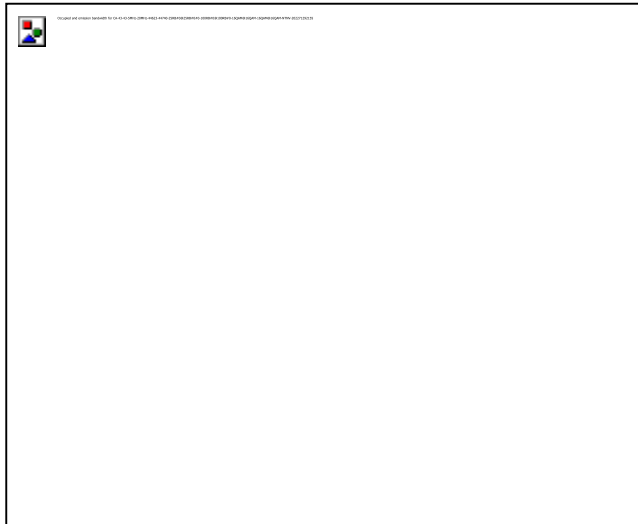
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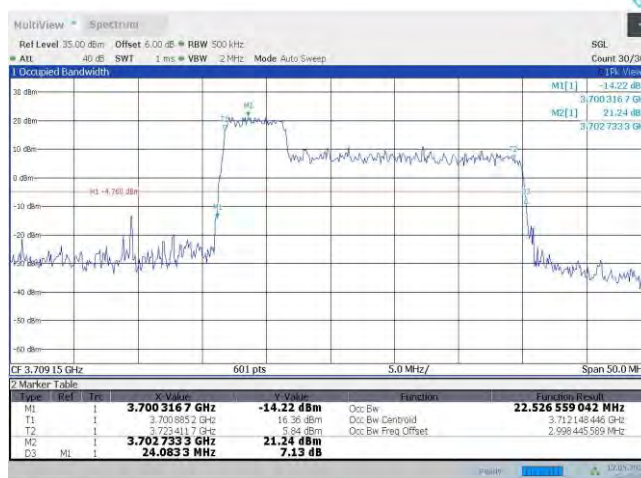
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14:52:38 12.05.2022



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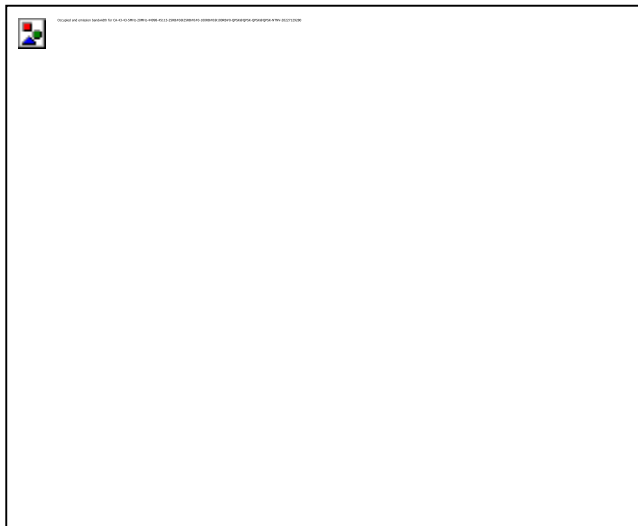
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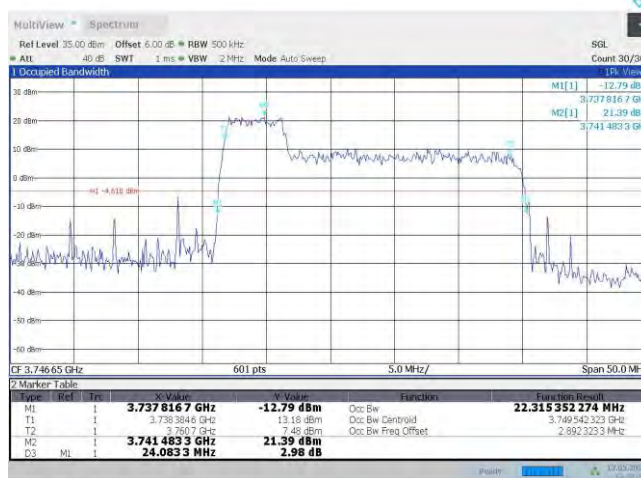
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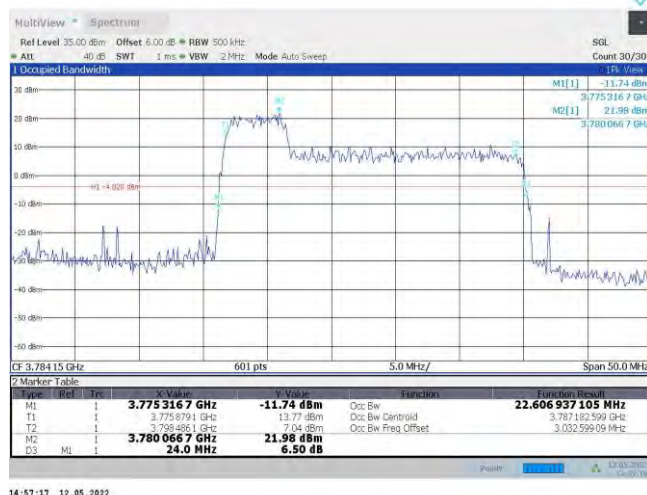
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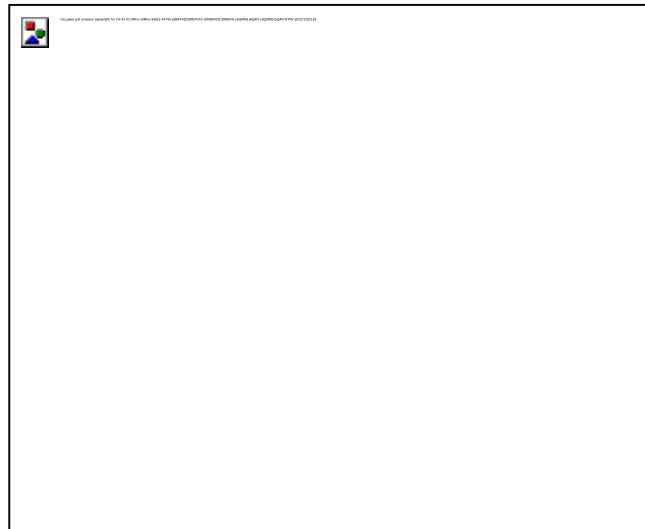
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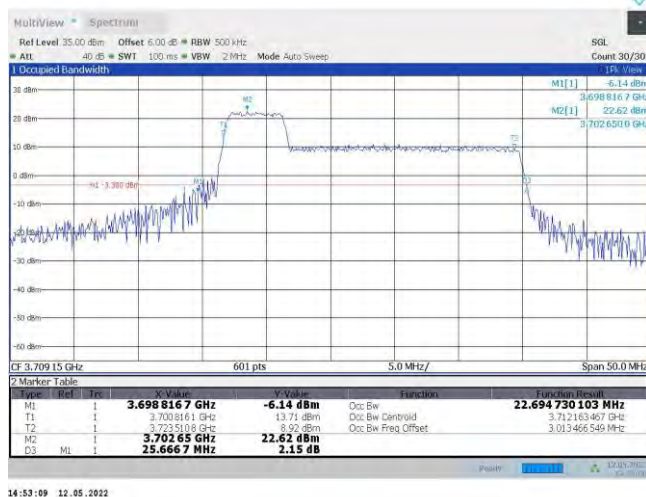
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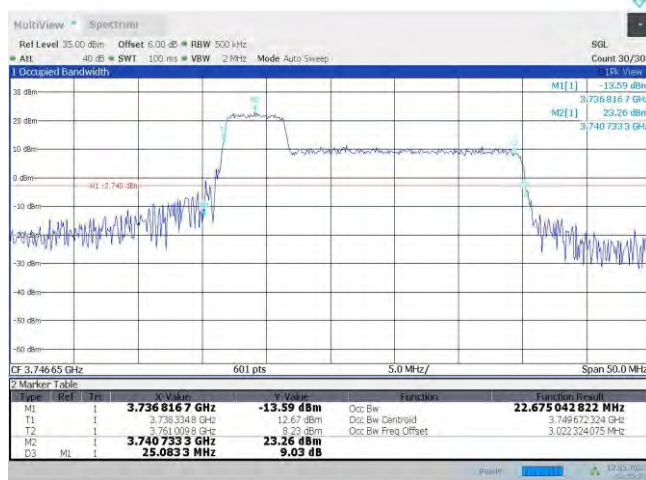
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14:53:09 12.05.2022

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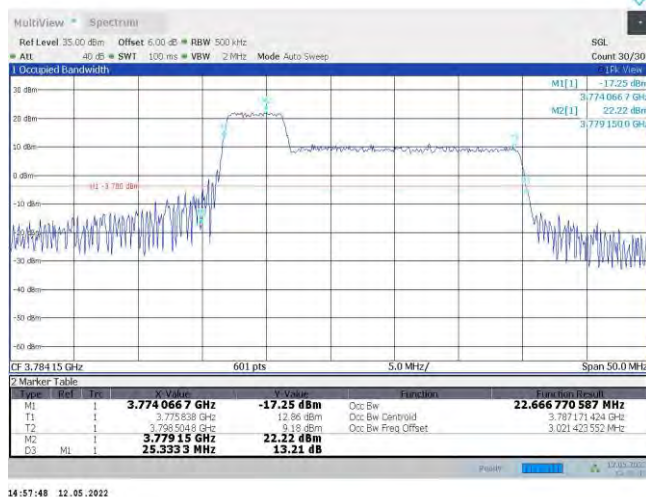
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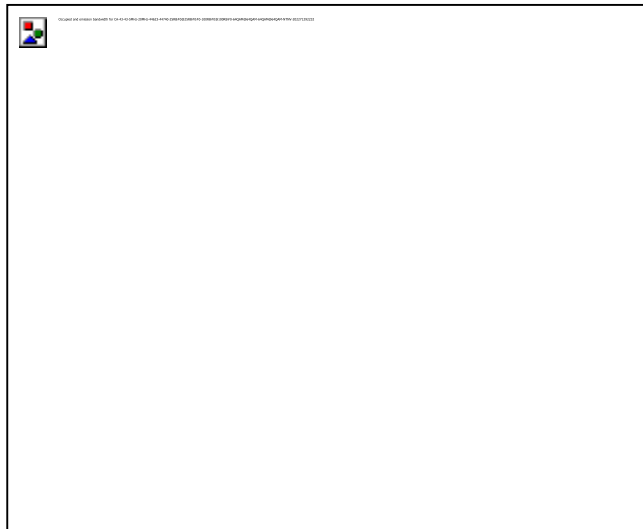
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43-43-5MHz-20MHz-16QAM-16QAM-45373-45490-25RB#0-100RB#0



43-43-5MHz-20MHz-64QAM-64QAM-44623-44740-100RB#0-25RB#0



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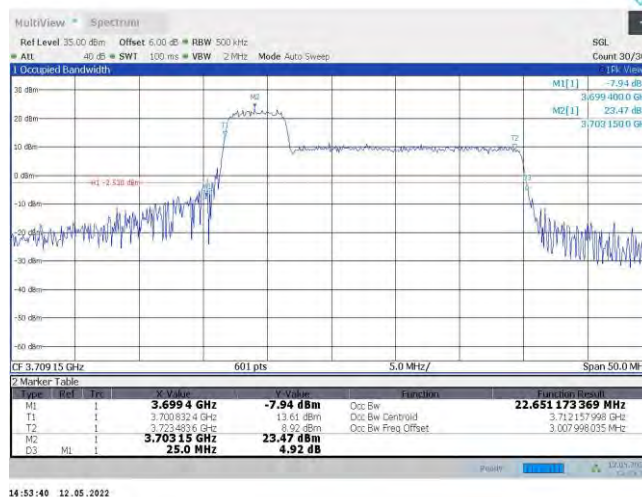
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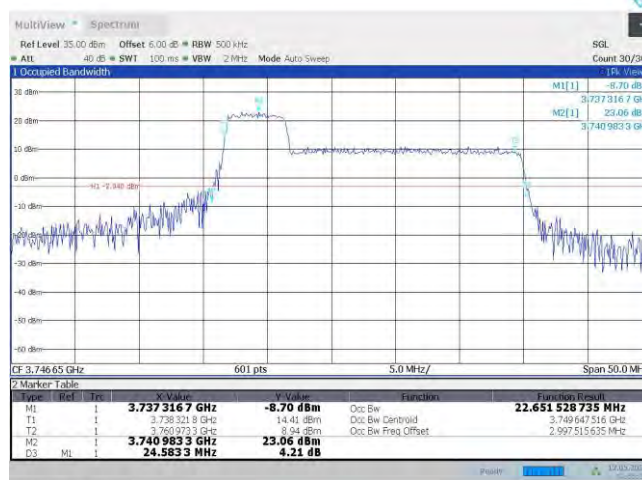
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14:53:40 12.05.2022

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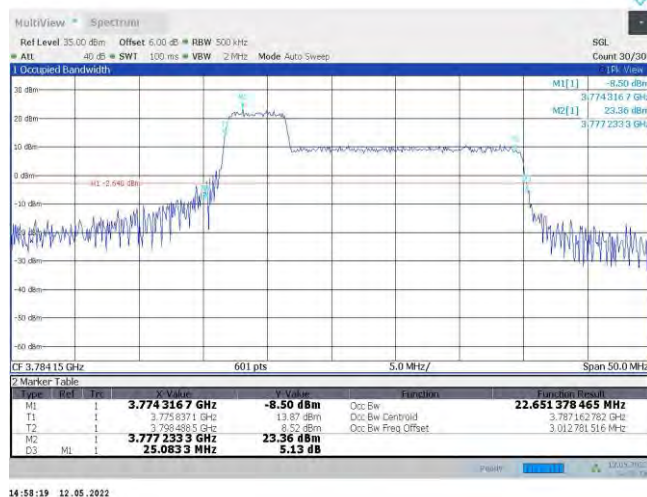
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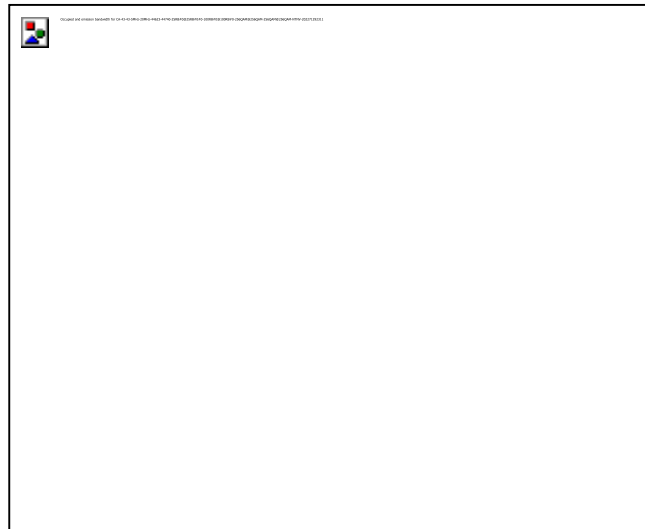
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43-43-5MHz-20MHz-256QAM-256QAM-44623-44740-100RB#0-25RB#0



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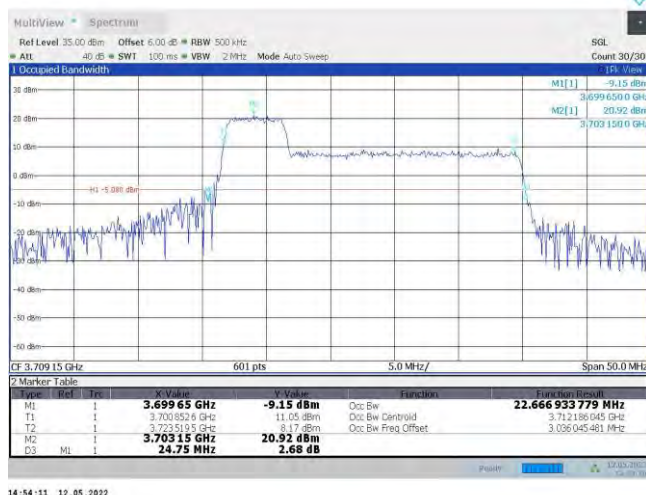
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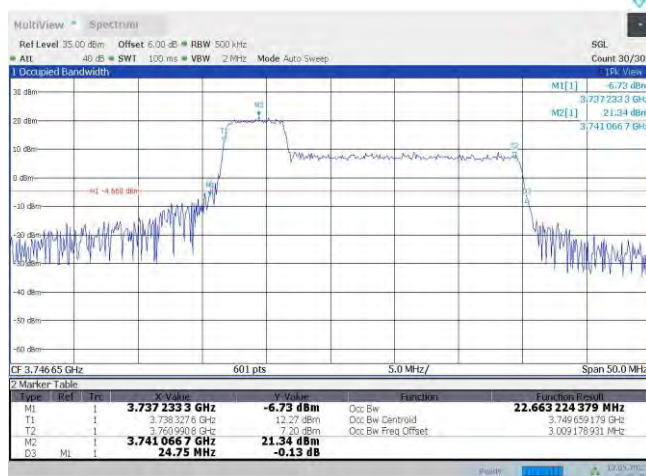
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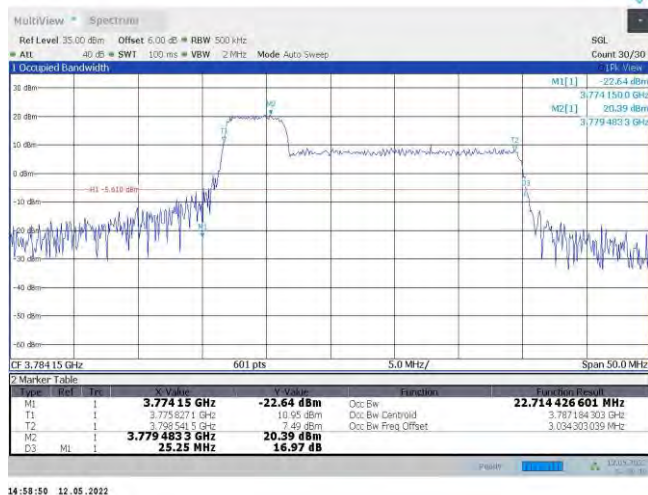
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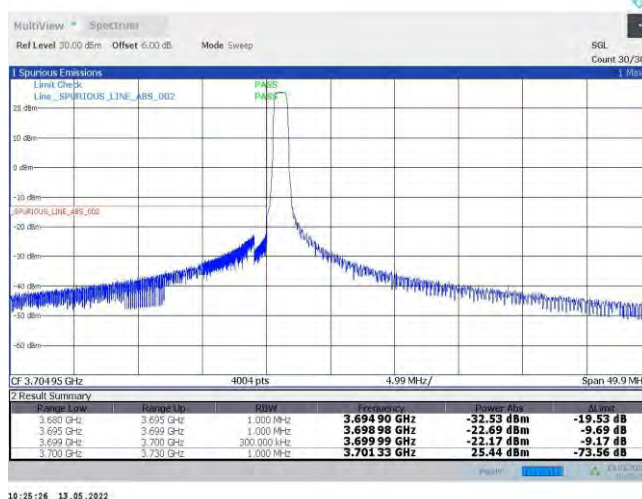
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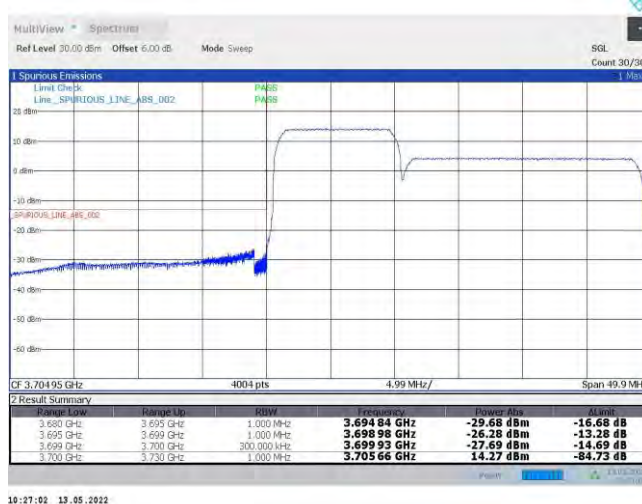
Band Edge

Test Graphs

43-43-10MHz-20MHz-QPSK-QPSK-44645-44789-1RB#0-0RB#0



43-43-10MHz-20MHz-QPSK-QPSK-44645-44789-50RB#0-100RB#0



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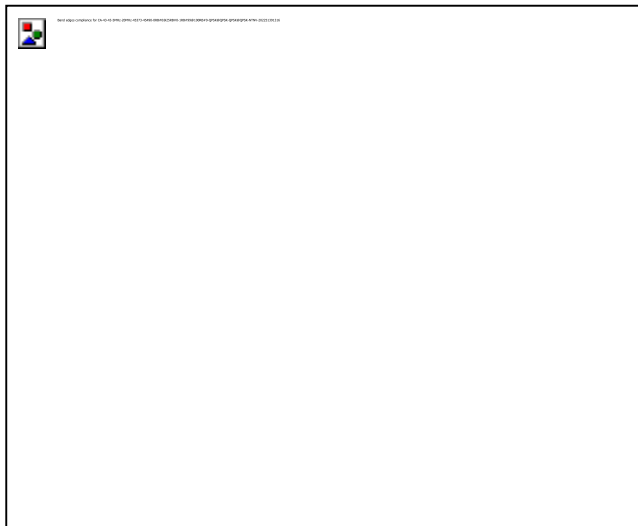
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43-43-10MHz-20MHz-QPSK-QPSK-45346-45490-0RB#0-1RB#99



43-43-10MHz-20MHz-QPSK-QPSK-45346-45490-50RB#0-100RB#0



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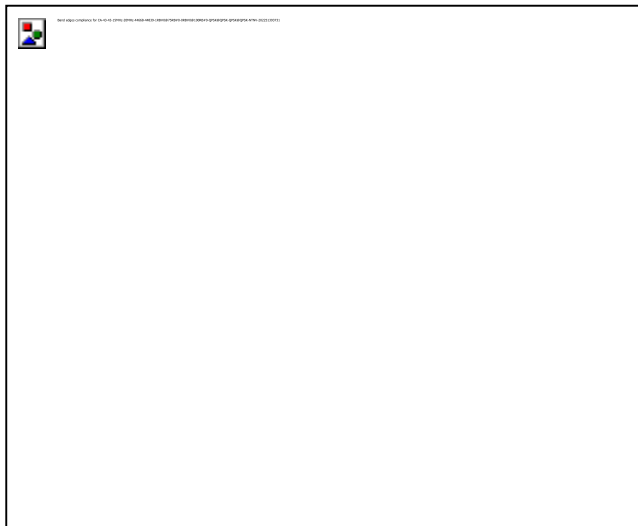
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43-43-15MHz-20MHz-QPSK-QPSK-44668-44839-1RB#0-0RB#0



43-43-15MHz-20MHz-QPSK-QPSK-44668-44839-75RB#0-100RB#0



10:40:59 13.05.2022



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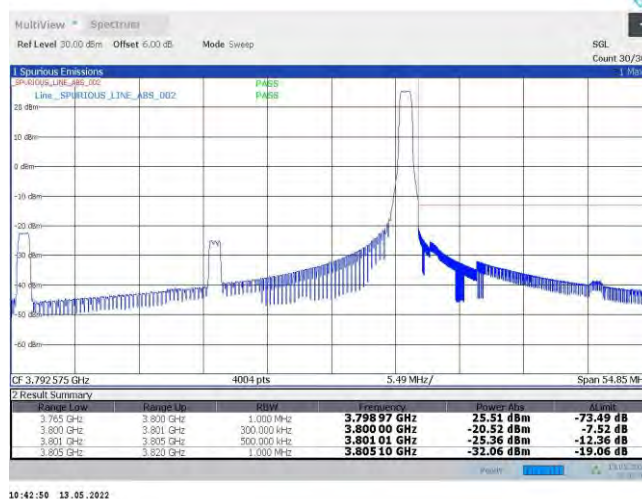
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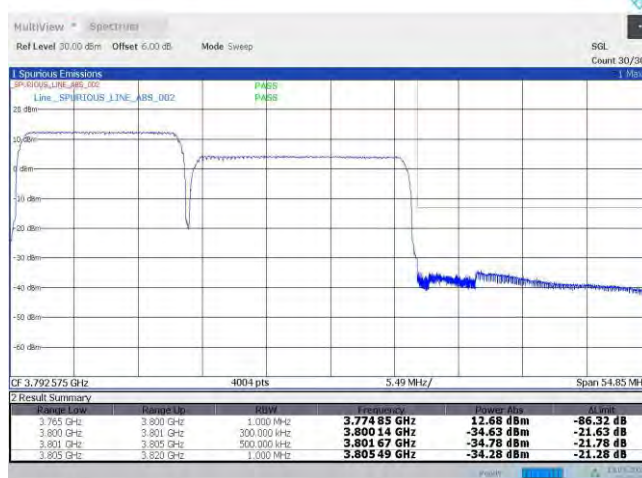
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43-43-15MHz-20MHz-QPSK-QPSK-45319-45490-0RB#0-1RB#99



10:42:50 13.05.2022

43-43-15MHz-20MHz-QPSK-QPSK-45319-45490-75RB#0-100RB#0



10:44:26 13.05.2022



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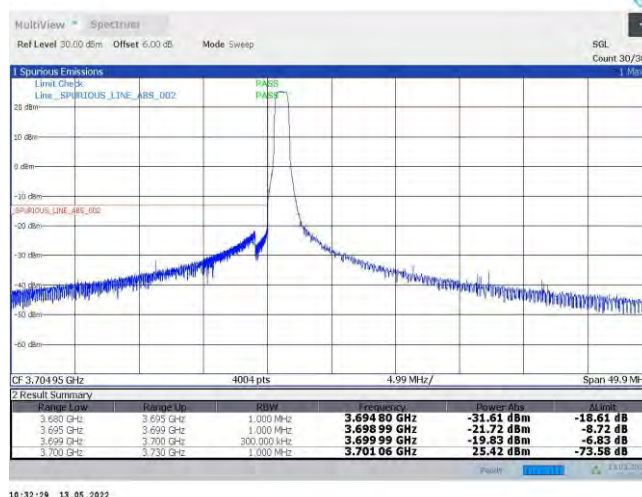
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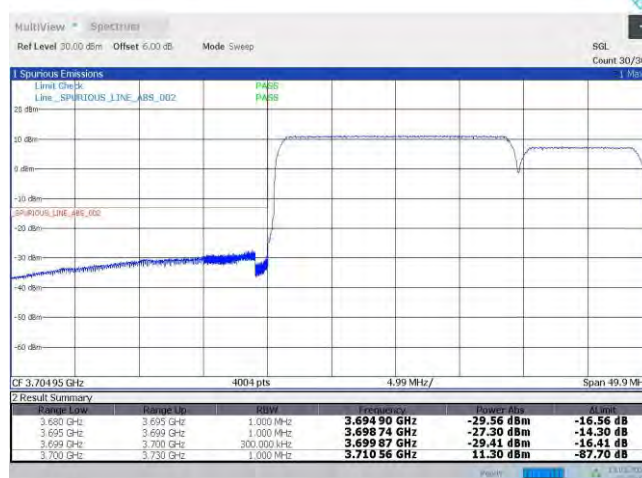
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43-43-20MHz-10MHz-QPSK-QPSK-44690-44834-1RB#0-0RB#0



10:32:29 13.05.2022

43-43-20MHz-10MHz-QPSK-QPSK-44690-44834-100RB#0-50RB#0



10:34:05 13.05.2022



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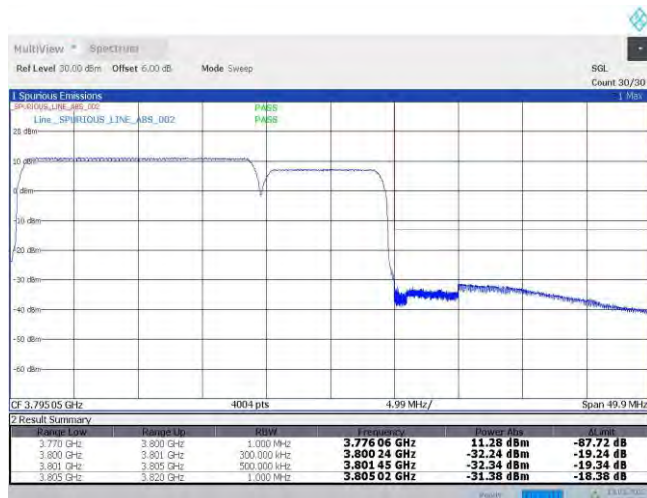
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43-43-20MHz-10MHz-QPSK-QPSK-45391-45535-0RB#0-1RB#49



10:35:55 13.05.2022

43-43-20MHz-10MHz-QPSK-QPSK-45391-45535-100RB#0-50RB#0



10:37:32 13.05.2022



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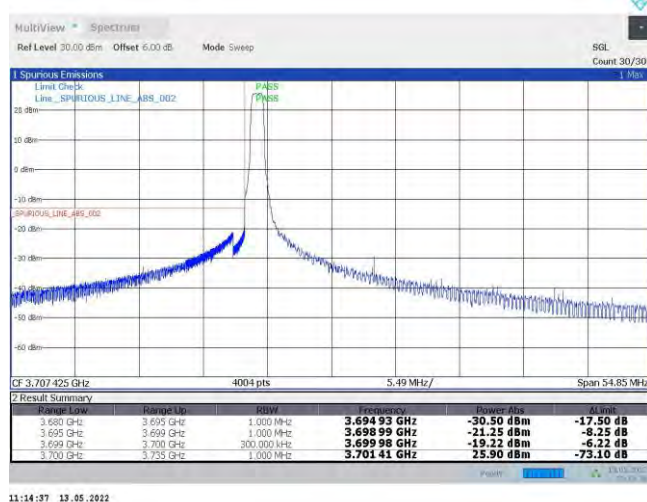
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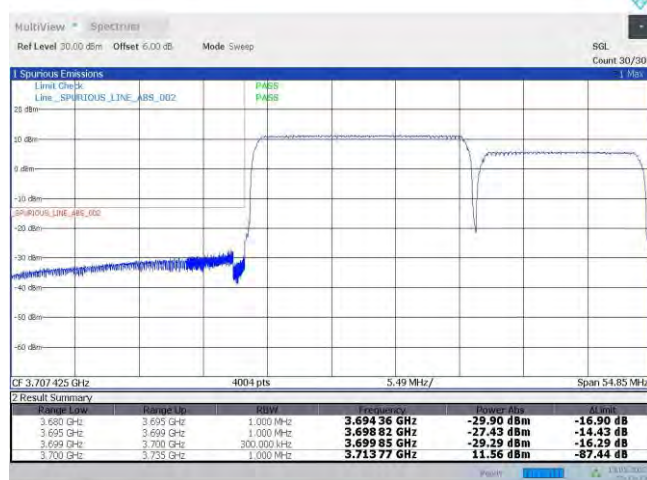
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43-43-20MHz-15MHz-QPSK-QPSK-45341-45512-1RB#0-0RB#0



11:14:37 13.05.2022

43-43-20MHz-15MHz-QPSK-QPSK-45341-45512-100RB#0-75RB#0



11:14:12 13.05.2022



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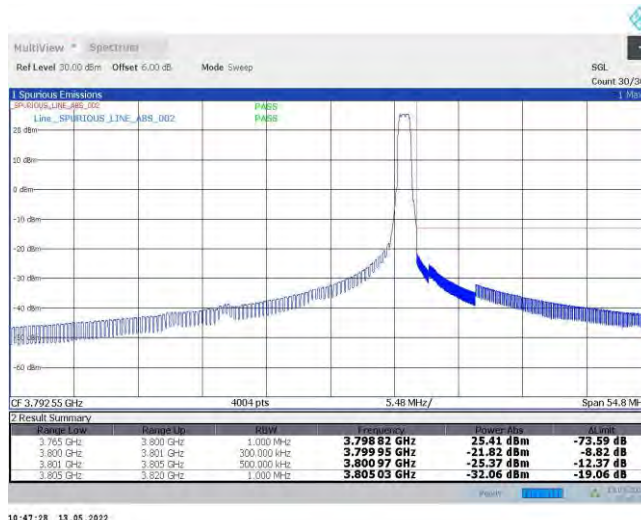
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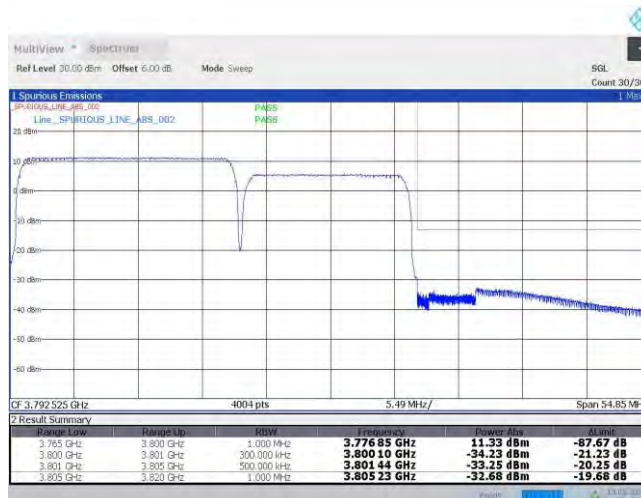
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43-43-20MHz-15MHz-QPSK-QPSK-45341-45512-0RB#0-1RB#74



10:47:28 13.05.2022

43-43-20MHz-15MHz-QPSK-QPSK-45341-45512-100RB#0-75RB#0



10:49:04 13.05.2022



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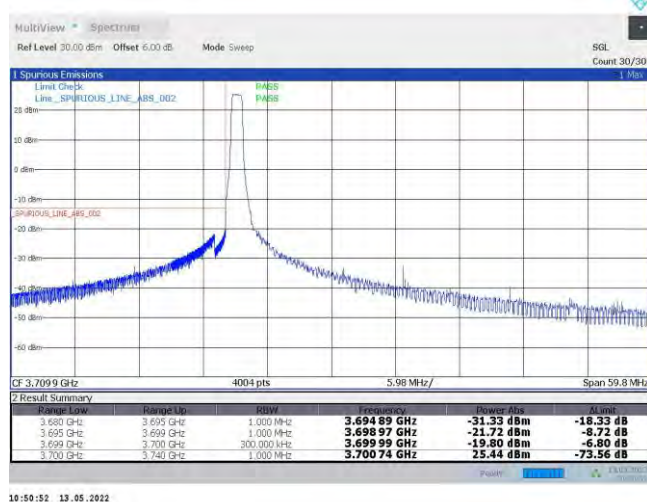
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43-43-20MHz-20MHz-QPSK-QPSK-44690-44888-1RB#0-0RB#0



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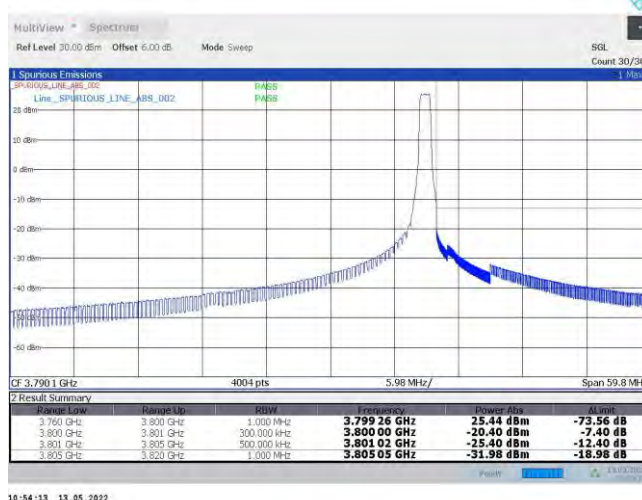
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43-43-20MHz-20MHz-QPSK-QPSK-45292-45490-100RB#0-100RB#0



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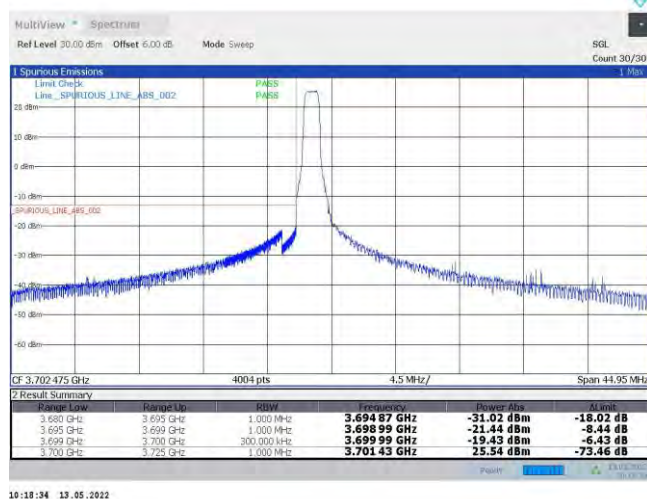
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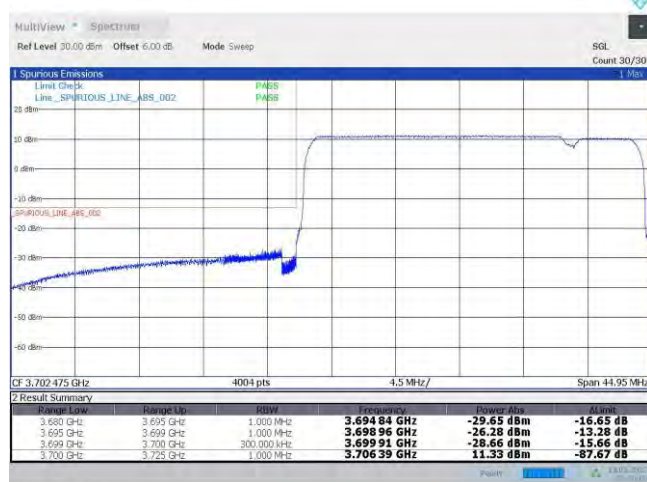
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43-43-20MHz-5MHz-QPSK-QPSK-44690-44807-1RB#0-0RB#0



10:18:34 13.05.2022

43-43-20MHz-5MHz-QPSK-QPSK-44690-44807-100RB#0-25RB#0



10:20:09 13.05.2022



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43-43-20MHz-5MHz-QPSK-QPSK-45440-45557-0RB#0-1RB#24



43-43-20MHz-5MHz-QPSK-QPSK-45440-45557-100RB#0-25RB#0



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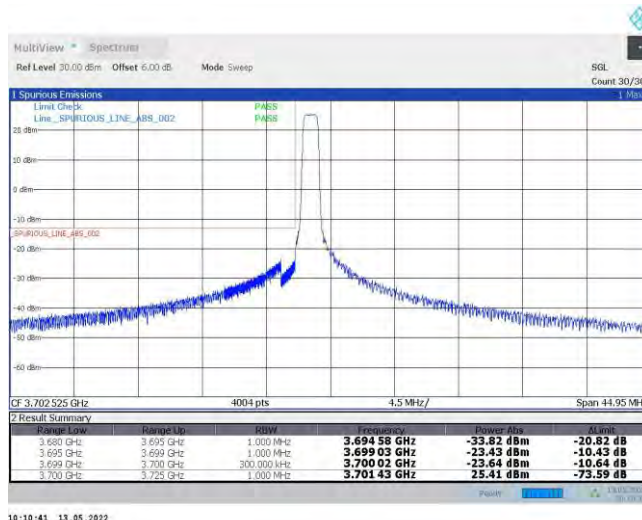
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43-43-5MHz-20MHz-QPSK-QPSK-44623-44740-1RB#0-0RB#0



43-43-5MHz-20MHz-QPSK-QPSK-44623-44740-25RB#0-100RB#0



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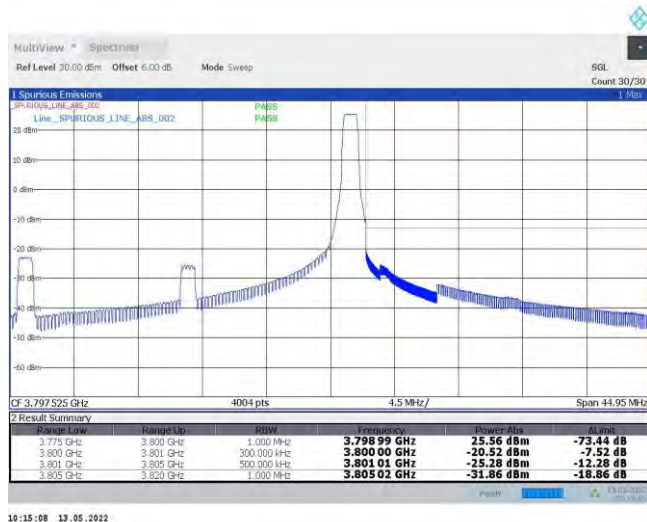
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43-43-5MHz-20MHz-QPSK-QPSK-45373-45490-0RB#0-1RB#99



43-43-5MHz-20MHz-QPSK-QPSK-45373-45490-25RB#0-100RB#0



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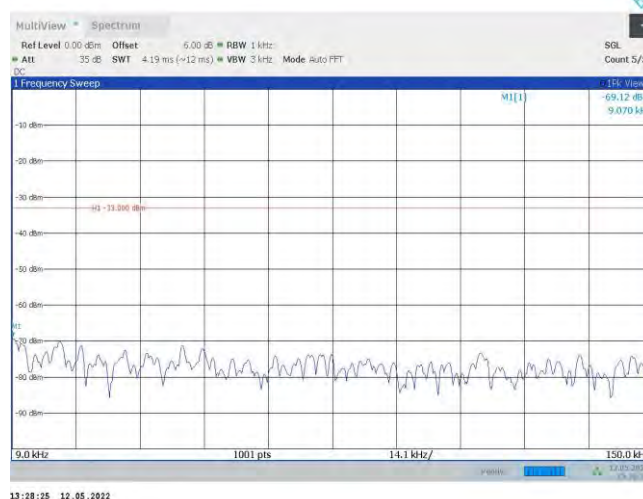
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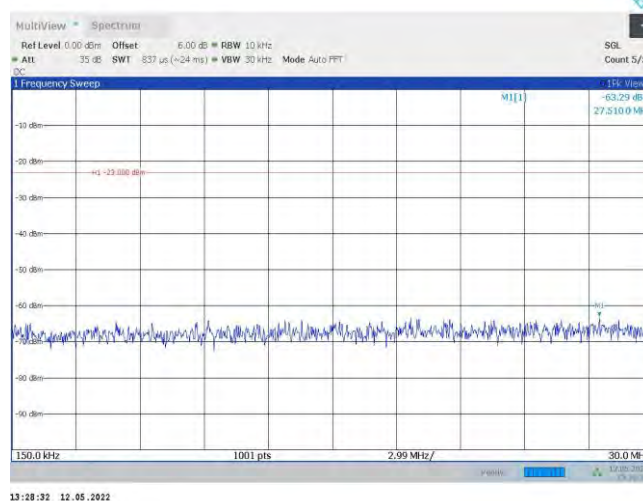
Conducted Spurious Emission

Test Graphs

43-43-20MHz-20MHz-QPSK-QPSK-44491-44689-1RB#0-0RB#0-0.009~0.15MHz



43-43-20MHz-20MHz-QPSK-QPSK-44491-44689-1RB#0-0RB#0-0.15~30MHz



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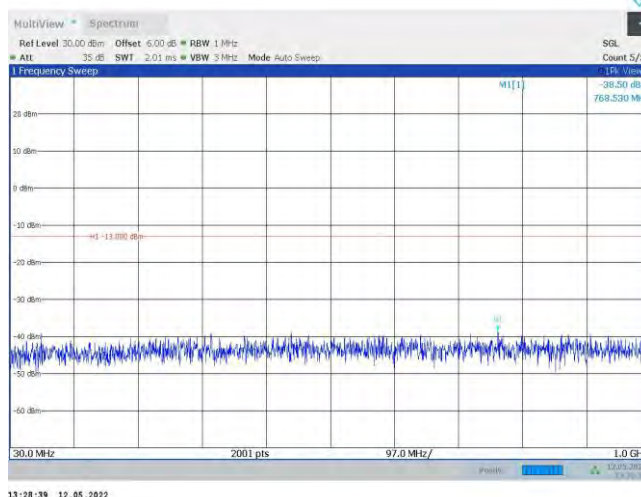
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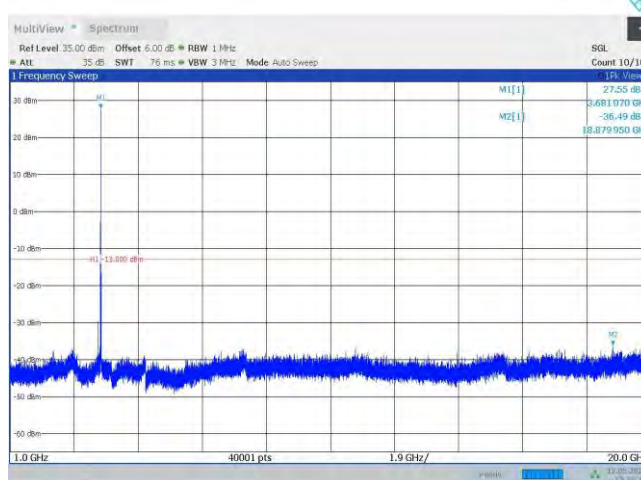
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43-43-20MHz-20MHz-QPSK-QPSK-44491-44689-1RB#0-0RB#0-30~1000MHz



13:28:39 12.05.2022

43-43-20MHz-20MHz-QPSK-QPSK-44491-44689-1RB#0-0RB#0-1000~20000MHz



13:28:46 12.05.2022



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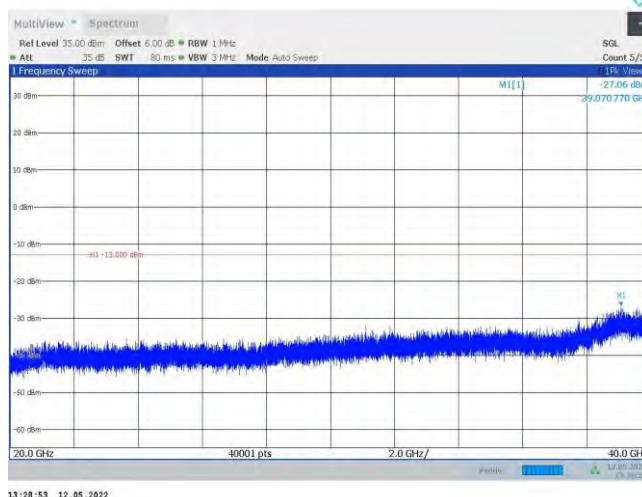
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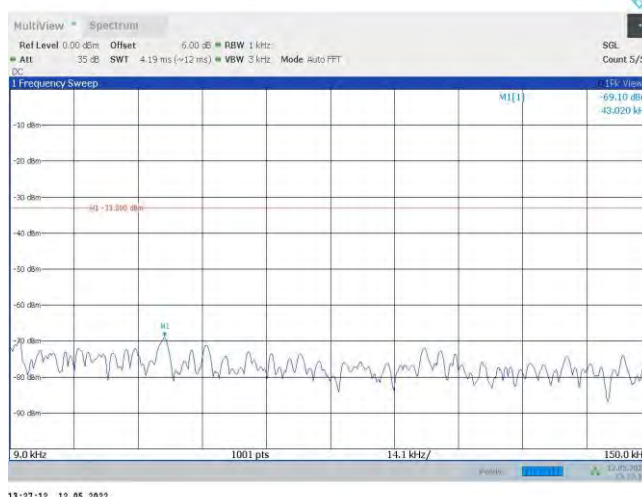
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43-43-20MHz-20MHz-QPSK-QPSK-44491-44689-1RB#0-0RB#0-20000~40000MHz



43-43-20MHz-20MHz-QPSK-QPSK-44690-44888-1RB#0-0RB#0-0.009~0.15MHz



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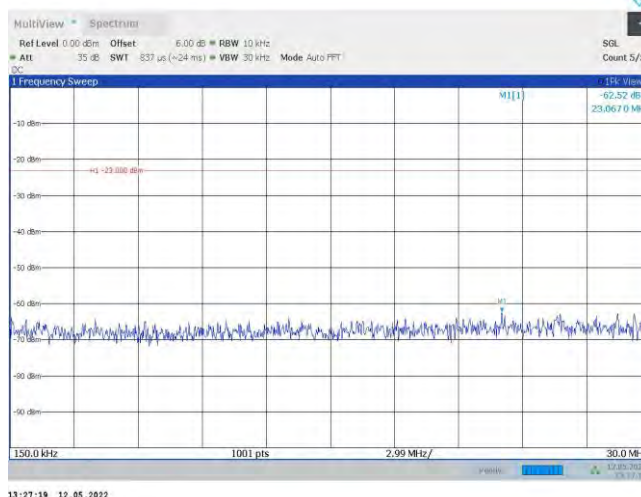
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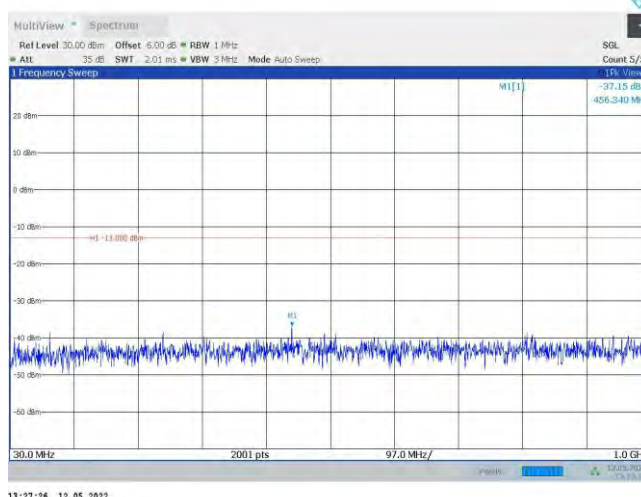
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43-43-20MHz-20MHz-QPSK-QPSK-44690-44888-1RB#0-0RB#0-0.15~30MHz



43-43-20MHz-20MHz-QPSK-QPSK-44690-44888-1RB#0-0RB#0-30~1000MHz



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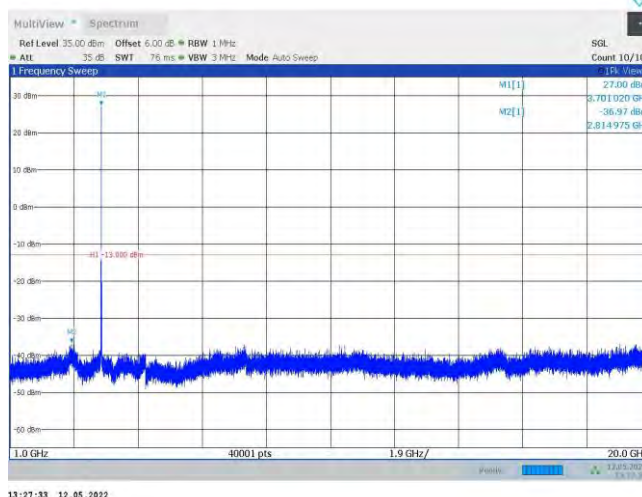
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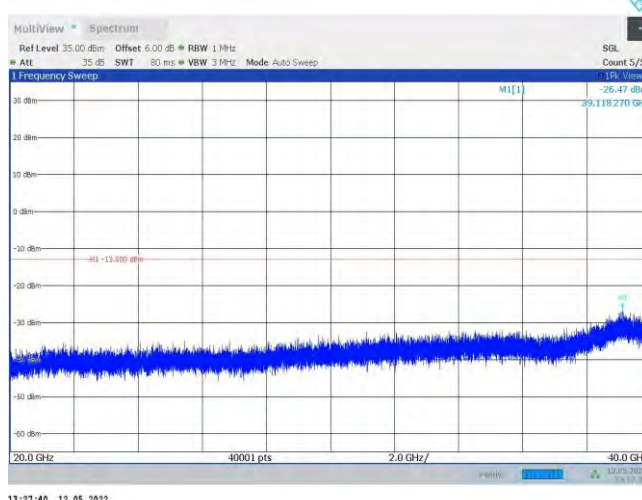
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43-43-20MHz-20MHz-QPSK-QPSK-44690-44888-1RB#0-0RB#0-1000~20000MHz



43-43-20MHz-20MHz-QPSK-QPSK-44690-44888-1RB#0-0RB#0-20000~40000MHz



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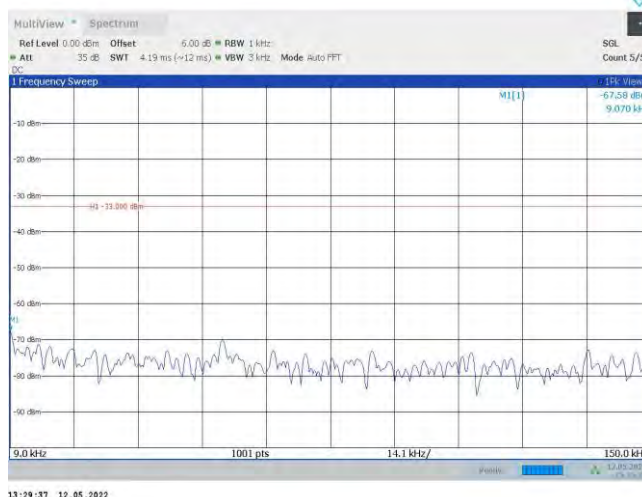
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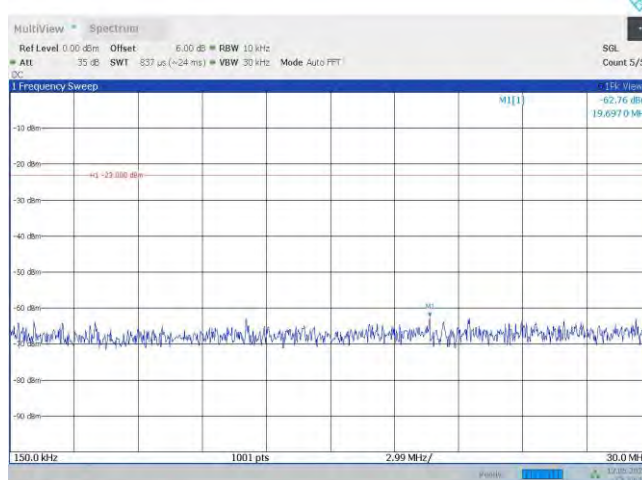
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43-43-20MHz-20MHz-QPSK-QPSK-45292-45490-1RB#0-0RB#0-0.009~0.15MHz



13:29:37 12.05.2022

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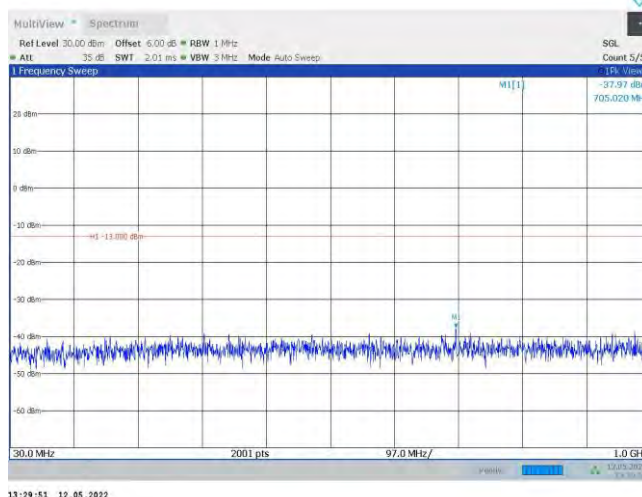
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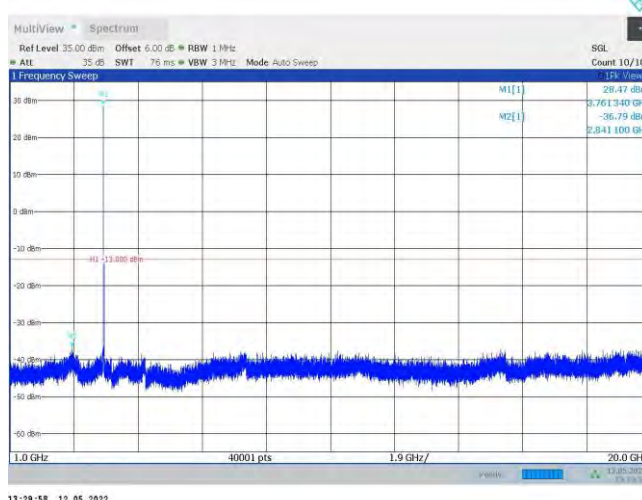
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43-43-20MHz-20MHz-QPSK-QPSK-45292-45490-1RB#0-0RB#0-30~1000MHz



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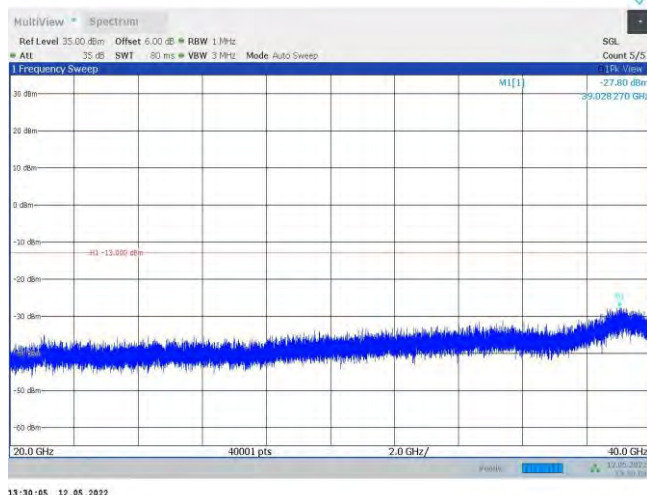
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Field Strength of Spurious Radiation

Test Band = UL CA Band 43C 3700M-3800M_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6418.5	53.36	-102.57	-49.21	-13.00	36.21	263	186	Horizontal
2	7402.18	48.67	-100.80	-52.13	-13.00	39.13	251	14	Horizontal
3	9283.8333	50.22	-95.05	-44.83	-13.00	31.83	142	282	Horizontal
4	11103.27	43.25	-90.92	-47.67	-13.00	34.67	284	6	Horizontal
5	14804.36	41.50	-89.75	-48.25	-13.00	35.25	176	267	Horizontal
6	17847.1667	42.46	-84.29	-41.83	-13.00	28.83	222	0	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6424.3333	52.84	-102.58	-49.74	-13.00	36.74	175	172	Vertical
2	7402	55.79	-100.80	-45.01	-13.00	32.01	263	39	Vertical
3	9318.8333	50.04	-94.94	-44.90	-13.00	31.90	254	93	Vertical
4	11103.27	42.66	-90.92	-48.26	-13.00	35.26	184	25	Vertical
5	13028.8333	45.94	-90.44	-44.50	-13.00	31.50	177	268	Vertical
6	14804.36	41.44	-89.75	-48.31	-13.00	35.31	156	93	Vertical



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Test Band = UL CA Band 43C 3700M-3800M_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5915.6667	52.62	-104.31	-51.69	-13.00	38.69	263	1	Horizontal
2	7462.38	49.76	-100.52	-50.76	-13.00	37.76	284	308	Horizontal
3	9297.8333	49.98	-95.08	-45.10	-13.00	32.10	176	215	Horizontal
4	11193.57	43.32	-90.93	-47.61	-13.00	34.61	251	215	Horizontal
5	14924.76	41.36	-90.22	-48.86	-13.00	35.86	142	334	Horizontal
6	17863.5	43.72	-84.28	-40.56	-13.00	27.56	288	321	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6158.3333	51.18	-103.08	-51.90	-13.00	38.90	263	227	Vertical
2	7462.38	54.30	-100.52	-46.22	-13.00	33.22	285	50	Vertical
3	9327	49.72	-94.88	-45.16	-13.00	32.16	265	347	Vertical
4	11193.57	44.42	-90.93	-46.51	-13.00	33.51	241	347	Vertical
5	14924.76	41.70	-90.22	-48.52	-13.00	35.52	177	38	Vertical
6	17864.6667	42.58	-84.28	-41.70	-13.00	28.70	186	50	Vertical



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Test Band = UL CA Band 43C 3700M-3800M_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6417.3333	52.52	-102.57	-50.05	-13.00	37.05	142	199	Horizontal
2	7522.58	49.86	-100.22	-50.36	-13.00	37.36	286	347	Horizontal
3	9315.3333	49.72	-94.97	-45.25	-13.00	32.25	255	174	Horizontal
4	11283.87	42.74	-91.12	-48.38	-13.00	35.38	144	357	Horizontal
5	15045.16	42.57	-90.30	-47.73	-13.00	34.73	163	279	Horizontal
6	17846	43.07	-84.29	-41.22	-13.00	28.22	255	266	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6670.5	52.93	-101.95	-49.02	-13.00	36.02	263	52	Vertical
2	7522.58	54.09	-100.22	-46.13	-13.00	33.13	285	320	Vertical
3	9308.3333	49.52	-95.02	-45.50	-13.00	32.50	263	158	Vertical
4	11283.87	44.17	-91.12	-46.95	-13.00	33.95	255	0	Vertical
5	15045.16	44.17	-90.30	-46.13	-13.00	33.13	144	357	Vertical
6	17863.5	43.30	-84.28	-40.98	-13.00	27.98	185	64	Vertical



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	VH	NT	31.50	0.008536	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	VL	NT	37.10	0.010054	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	VN	NT	36.90	0.010000	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	50	40.60	0.011002	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	40	44.00	0.011924	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	30	44.60	0.012086	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	20	40.70	0.011030	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	10	50.80	0.013767	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	0	45.70	0.012384	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	-10	43.50	0.011788	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	-20	38.10	0.010325	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	-30	40.80	0.011057	PASS

The End



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