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Appendix B.27

LTE CA_66C



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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
66-66	10MHz-15MHz	QPSK-QPSK	132025-132145	1RB#0-0RB#0	23.72	25.19	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132025-132145	1RB#0-0RB#0	22.89	24.36	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132025-132145	1RB#0-0RB#0	22.09	23.56	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132025-132145	1RB#0-0RB#0	18.95	20.42	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132025-132145	50RB#0-75RB#0	22.6	24.07	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132025-132145	50RB#0-75RB#0	21.57	23.04	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132025-132145	50RB#0-75RB#0	21.59	23.06	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132025-132145	50RB#0-75RB#0	19.66	21.13	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132351-132471	1RB#0-0RB#0	23.6	25.07	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132351-132471	1RB#0-0RB#0	22.78	24.25	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132351-132471	1RB#0-0RB#0	21.99	23.46	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132351-132471	1RB#0-0RB#0	18.78	20.25	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132351-132471	50RB#0-75RB#0	22.44	23.91	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132351-132471	50RB#0-75RB#0	21.48	22.95	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132351-132471	50RB#0-75RB#0	21.51	22.98	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132351-132471	50RB#0-75RB#0	19.5	20.97	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132477-132597	1RB#0-0RB#0	23.72	25.19	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132477-132597	1RB#0-0RB#0	22.75	24.22	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132477-132597	1RB#0-0RB#0	22.08	23.55	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132477-132597	1RB#0-0RB#0	18.88	20.35	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132477-132597	50RB#0-75RB#0	22.48	23.95	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132477-132597	50RB#0-75RB#0	21.55	23.02	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132477-132597	50RB#0-75RB#0	21.52	22.99	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132477-132597	50RB#0-75RB#0	19.53	21	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132027-132171	1RB#0-0RB#0	23.63	25.1	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132027-132171	1RB#0-0RB#0	22.73	24.2	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132027-132171	1RB#0-0RB#0	21.96	23.43	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132027-132171	1RB#0-0RB#0	18.97	20.44	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132027-132171	50RB#0-100RB#0	22.91	24.38	30	PASS



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66-66	10MHz-20MHz	16QAM-16QAM	132027-132171	50RB#0-100RB#0	21.59	23.06	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132027-132171	50RB#0-100RB#0	21.6	23.07	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132027-132171	50RB#0-100RB#0	19.61	21.08	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132328-132472	1RB#0-0RB#0	23.65	25.12	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132328-132472	1RB#0-0RB#0	22.84	24.31	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132328-132472	1RB#0-0RB#0	21.99	23.46	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132328-132472	1RB#0-0RB#0	18.9	20.37	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132328-132472	50RB#0-100RB#0	22.46	23.93	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132328-132472	50RB#0-100RB#0	21.52	22.99	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132328-132472	50RB#0-100RB#0	21.54	23.01	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132328-132472	50RB#0-100RB#0	19.46	20.93	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132428-132572	1RB#0-0RB#0	23.57	25.04	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132428-132572	1RB#0-0RB#0	22.87	24.34	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132428-132572	1RB#0-0RB#0	21.72	23.19	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132428-132572	1RB#0-0RB#0	18.92	20.39	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132428-132572	50RB#0-100RB#0	22.47	23.94	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132428-132572	50RB#0-100RB#0	21.55	23.02	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132428-132572	50RB#0-100RB#0	21.54	23.01	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132428-132572	50RB#0-100RB#0	19.5	20.97	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132047-132167	1RB#0-0RB#0	23.69	25.16	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132047-132167	75RB#0-50RB#0	22.72	24.19	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132373-132493	1RB#0-0RB#0	22.11	23.58	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132373-132493	75RB#0-50RB#0	18.87	20.34	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132499-132619	1RB#0-0RB#0	22.86	24.33	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132499-132619	75RB#0-50RB#0	21.63	23.1	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132047-132167	1RB#0-0RB#0	21.47	22.94	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132047-132167	75RB#0-50RB#0	19.53	21	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132373-132493	1RB#0-0RB#0	23.71	25.18	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132373-132493	75RB#0-50RB#0	22.69	24.16	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132499-132619	1RB#0-0RB#0	21.86	23.33	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132499-132619	75RB#0-50RB#0	18.87	20.34	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132047-132167	1RB#0-0RB#0	22.39	23.86	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132047-132167	75RB#0-50RB#0	21.58	23.05	30	PASS



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66-66	15MHz-10MHz	64QAM-64QAM	132373-132493	1RB#0-0RB#0	21.44	22.91	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132373-132493	75RB#0-50RB#0	19.63	21.1	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132499-132619	1RB#0-0RB#0	23.54	25.01	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132499-132619	75RB#0-50RB#0	22.89	24.36	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132047-132167	1RB#0-0RB#0	22.23	23.7	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132047-132167	75RB#0-50RB#0	18.71	20.18	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132373-132493	1RB#0-0RB#0	22.63	24.1	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132373-132493	75RB#0-50RB#0	21.63	23.1	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132499-132619	1RB#0-0RB#0	21.48	22.95	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132499-132619	75RB#0-50RB#0	19.55	21.02	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132047-132197	1RB#0-0RB#0	23.84	25.31	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132047-132197	1RB#0-0RB#0	22.84	24.31	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132047-132197	1RB#0-0RB#0	22.07	23.54	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132047-132197	1RB#0-0RB#0	18.9	20.37	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132047-132197	75RB#0-75RB#0	22.55	24.02	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132047-132197	75RB#0-75RB#0	21.58	23.05	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132047-132197	75RB#0-75RB#0	20.94	22.41	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132047-132197	75RB#0-75RB#0	19.56	21.03	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132347-132497	1RB#0-0RB#0	23.54	25.01	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132347-132497	1RB#0-0RB#0	22.67	24.14	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132347-132497	1RB#0-0RB#0	21.98	23.45	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132347-132497	1RB#0-0RB#0	18.81	20.28	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132347-132497	75RB#0-75RB#0	22.52	23.99	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132347-132497	75RB#0-75RB#0	21.56	23.03	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132347-132497	75RB#0-75RB#0	21.55	23.02	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132347-132497	75RB#0-75RB#0	19.54	21.01	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132447-132597	1RB#0-0RB#0	23.53	25	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132447-132597	1RB#0-0RB#0	22.66	24.13	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132447-132597	1RB#0-0RB#0	22.02	23.49	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132447-132597	1RB#0-0RB#0	18.77	20.24	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132447-132597	75RB#0-75RB#0	22.49	23.96	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132447-132597	75RB#0-75RB#0	21.54	23.01	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132447-132597	75RB#0-75RB#0	21.54	23.01	30	PASS



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66-66	15MHz-15MHz	256QAM-256QAM	132447-132597	75RB#0-75RB#0	19.58	21.05	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132050-132221	1RB#0-0RB#0	23.58	25.05	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132050-132221	1RB#0-0RB#0	22.68	24.15	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132050-132221	1RB#0-0RB#0	21.92	23.39	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132050-132221	1RB#0-0RB#0	18.92	20.39	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132050-132221	75RB#0-100RB#0	23.79	25.26	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132050-132221	75RB#0-100RB#0	21.66	23.13	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132050-132221	75RB#0-100RB#0	21.61	23.08	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132050-132221	75RB#0-100RB#0	19.66	21.13	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132325-132496	1RB#0-0RB#0	23.54	25.01	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132325-132496	1RB#0-0RB#0	22.67	24.14	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132325-132496	1RB#0-0RB#0	21.75	23.22	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132325-132496	1RB#0-0RB#0	18.86	20.33	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132325-132496	75RB#0-100RB#0	22.56	24.03	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132325-132496	75RB#0-100RB#0	21.54	23.01	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132325-132496	75RB#0-100RB#0	21.49	22.96	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132325-132496	75RB#0-100RB#0	19.48	20.95	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132401-132572	1RB#0-0RB#0	23.55	25.02	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132401-132572	1RB#0-0RB#0	22.87	24.34	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132401-132572	1RB#0-0RB#0	21.79	23.26	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132401-132572	1RB#0-0RB#0	18.78	20.25	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132401-132572	75RB#0-100RB#0	22.53	24	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132401-132572	75RB#0-100RB#0	21.48	22.95	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132401-132572	75RB#0-100RB#0	21.53	23	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132401-132572	75RB#0-100RB#0	19.53	21	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132072-132216	100RB#0-50RB#0	23.64	25.11	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132072-132216	1RB#0-0RB#0	22.82	24.29	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132373-132517	100RB#0-50RB#0	22.36	23.83	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132373-132517	1RB#0-0RB#0	18.87	20.34	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132473-132617	100RB#0-50RB#0	22.56	24.03	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132473-132617	1RB#0-0RB#0	21.63	23.1	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132072-132216	100RB#0-50RB#0	21.46	22.93	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132072-132216	1RB#0-0RB#0	19.71	21.18	30	PASS



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66-66	20MHz-10MHz	QPSK-QPSK	132373-132517	100RB#0-50RB#0	23.68	25.15	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132373-132517	1RB#0-0RB#0	22.73	24.2	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132473-132617	100RB#0-50RB#0	21.87	23.34	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132473-132617	1RB#0-0RB#0	18.69	20.16	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132072-132216	100RB#0-50RB#0	22.38	23.85	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132072-132216	1RB#0-0RB#0	21.26	22.73	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132373-132517	100RB#0-50RB#0	21.47	22.94	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132373-132517	1RB#0-0RB#0	19.46	20.93	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132473-132617	100RB#0-50RB#0	23.63	25.1	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132473-132617	1RB#0-0RB#0	22.72	24.19	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132072-132216	100RB#0-50RB#0	22.16	23.63	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132072-132216	1RB#0-0RB#0	18.73	20.2	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132373-132517	100RB#0-50RB#0	22.55	24.02	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132373-132517	1RB#0-0RB#0	21.41	22.88	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132473-132617	100RB#0-50RB#0	21.63	23.1	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132473-132617	1RB#0-0RB#0	19.54	21.01	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132072-132243	100RB#0-75RB#0	23.74	25.21	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132072-132243	1RB#0-0RB#0	22.82	24.29	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132348-132519	100RB#0-75RB#0	22.14	23.61	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132348-132519	1RB#0-0RB#0	18.87	20.34	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132423-132594	100RB#0-75RB#0	22.59	24.06	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132423-132594	1RB#0-0RB#0	21.63	23.1	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132072-132243	100RB#0-75RB#0	21.66	23.13	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132072-132243	1RB#0-0RB#0	19.54	21.01	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132348-132519	100RB#0-75RB#0	23.71	25.18	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132348-132519	1RB#0-0RB#0	22.68	24.15	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132423-132594	100RB#0-75RB#0	21.86	23.33	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132423-132594	1RB#0-0RB#0	18.86	20.33	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132072-132243	100RB#0-75RB#0	22.39	23.86	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132072-132243	1RB#0-0RB#0	21.46	22.93	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132348-132519	100RB#0-75RB#0	21.65	23.12	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132348-132519	1RB#0-0RB#0	19.47	20.94	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132423-132594	100RB#0-75RB#0	23.69	25.16	30	PASS



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66-66	20MHz-15MHz	16QAM-16QAM	132423-132594	1RB#0-0RB#0	22.85	24.32	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132072-132243	100RB#0-75RB#0	22.14	23.61	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132072-132243	1RB#0-0RB#0	18.97	20.44	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132348-132519	100RB#0-75RB#0	22.59	24.06	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132348-132519	1RB#0-0RB#0	21.67	23.14	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132423-132594	100RB#0-75RB#0	21.41	22.88	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132423-132594	1RB#0-0RB#0	19.63	21.1	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132072-132270	1RB#0-0RB#0	23.56	25.03	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132072-132270	1RB#0-0RB#0	22.9	24.37	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132072-132270	1RB#0-0RB#0	21.88	23.35	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132072-132270	1RB#0-0RB#0	18.85	20.32	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132072-132270	100RB#0-100RB#0	22.6	24.07	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132072-132270	100RB#0-100RB#0	21.62	23.09	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132072-132270	100RB#0-100RB#0	21.58	23.05	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132072-132270	100RB#0-100RB#0	19.58	21.05	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	1RB#0-0RB#0	23.56	25.03	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132323-132521	1RB#0-0RB#0	22.72	24.19	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132323-132521	1RB#0-0RB#0	21.85	23.32	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132323-132521	1RB#0-0RB#0	18.86	20.33	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	22.52	23.99	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132323-132521	100RB#0-100RB#0	21.5	22.97	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132323-132521	100RB#0-100RB#0	21.54	23.01	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132323-132521	100RB#0-100RB#0	19.56	21.03	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132374-132572	1RB#0-0RB#0	23.52	24.99	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132374-132572	1RB#0-0RB#0	22.89	24.36	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132374-132572	1RB#0-0RB#0	21.82	23.29	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132374-132572	1RB#0-0RB#0	18.83	20.3	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132374-132572	100RB#0-100RB#0	22.48	23.95	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132374-132572	100RB#0-100RB#0	21.54	23.01	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132374-132572	100RB#0-100RB#0	21.53	23	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132374-132572	100RB#0-100RB#0	19.57	21.04	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132072-132189	100RB#0-25RB#0	23.63	25.1	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132072-132189	1RB#0-0RB#0	22.78	24.25	30	PASS



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66-66	20MHz-5MHz	64QAM-64QAM	132397-132514	100RB#0-25RB#0	22.13	23.6	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132397-132514	1RB#0-0RB#0	18.86	20.33	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132522-132639	100RB#0-25RB#0	22.59	24.06	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132522-132639	1RB#0-0RB#0	21.54	23.01	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132072-132189	100RB#0-25RB#0	21.46	22.93	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132072-132189	1RB#0-0RB#0	19.59	21.06	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132397-132514	100RB#0-25RB#0	23.72	25.19	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132397-132514	1RB#0-0RB#0	22.55	24.02	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132522-132639	100RB#0-25RB#0	21.63	23.1	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132522-132639	1RB#0-0RB#0	18.87	20.34	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132072-132189	100RB#0-25RB#0	22.65	24.12	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132072-132189	1RB#0-0RB#0	21.47	22.94	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132397-132514	100RB#0-25RB#0	21.59	23.06	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132397-132514	1RB#0-0RB#0	19.68	21.15	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132522-132639	100RB#0-25RB#0	23.82	25.29	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132522-132639	1RB#0-0RB#0	22.93	24.4	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132072-132189	100RB#0-25RB#0	22.21	23.68	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132072-132189	1RB#0-0RB#0	18.73	20.2	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132397-132514	100RB#0-25RB#0	22.39	23.86	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132397-132514	1RB#0-0RB#0	21.61	23.08	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132522-132639	100RB#0-25RB#0	21.55	23.02	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132522-132639	1RB#0-0RB#0	19.47	20.94	30	PASS



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
66-66	20MHz-20MHz	QPSK-QPSK	132072-132270	100RB#0-100RB#0	8.24	13	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	8.22	13	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132374-132572	100RB#0-100RB#0	8.24	13	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132072-132270	100RB#0-100RB#0	8.26	13	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132323-132521	100RB#0-100RB#0	8.28	13	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132374-132572	100RB#0-100RB#0	8.26	13	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132072-132270	100RB#0-100RB#0	8.22	13	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132323-132521	100RB#0-100RB#0	8.30	13	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132374-132572	100RB#0-100RB#0	8.20	13	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132072-132270	100RB#0-100RB#0	8.24	13	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132323-132521	100RB#0-100RB#0	8.28	13	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132374-132572	100RB#0-100RB#0	8.26	13	PASS



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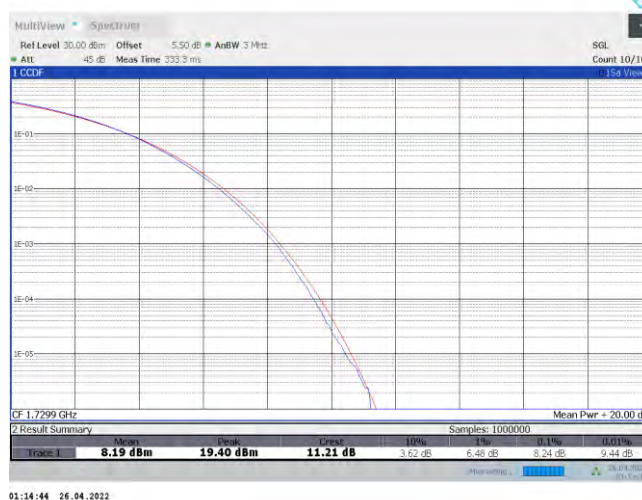
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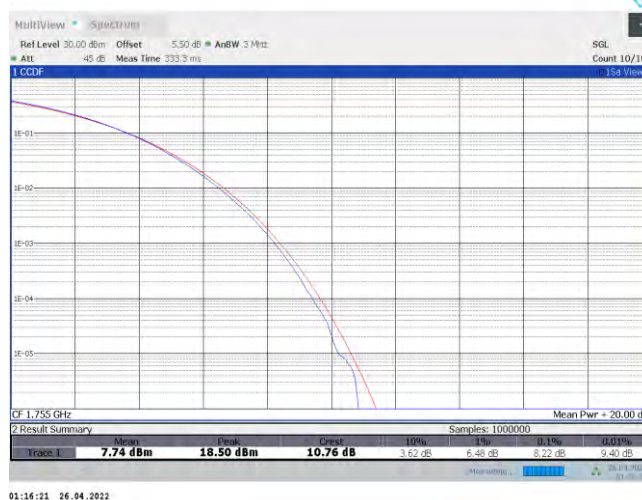
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Test Graphs

66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-100RB#0-100RB#0



66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-100RB#0-100RB#0



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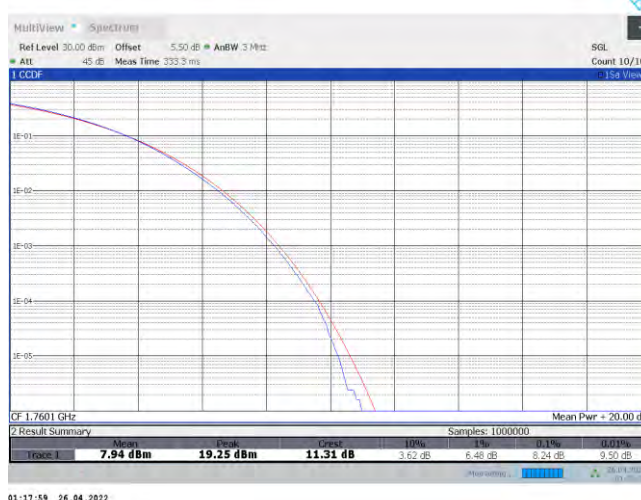
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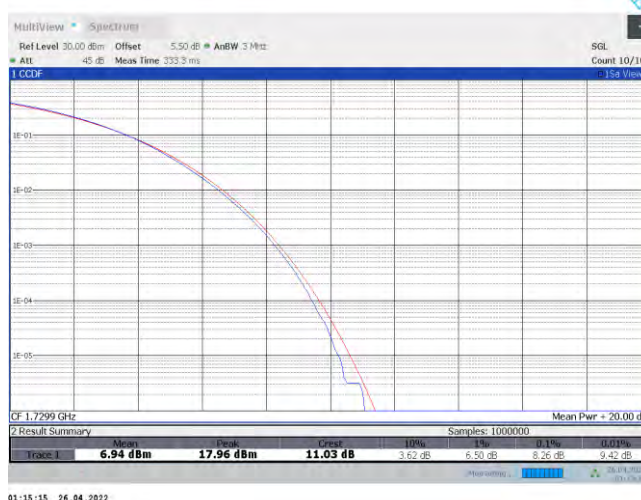
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66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-100RB#0-100RB#0



66-66-20MHz-20MHz-16QAM-16QAM-132072-132270-100RB#0-100RB#0



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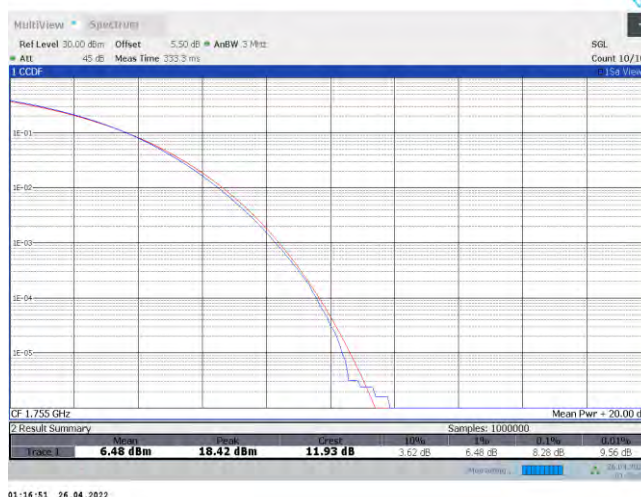
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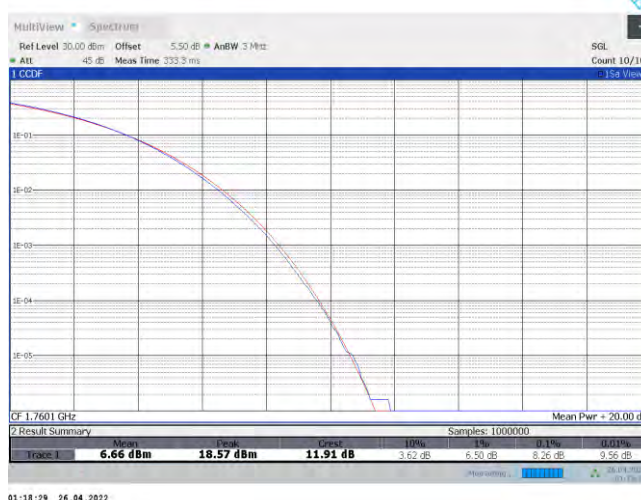
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66-66-20MHz-20MHz-16QAM-16QAM-132323-132521-100RB#0-100RB#0



66-66-20MHz-20MHz-16QAM-16QAM-132374-132572-100RB#0-100RB#0



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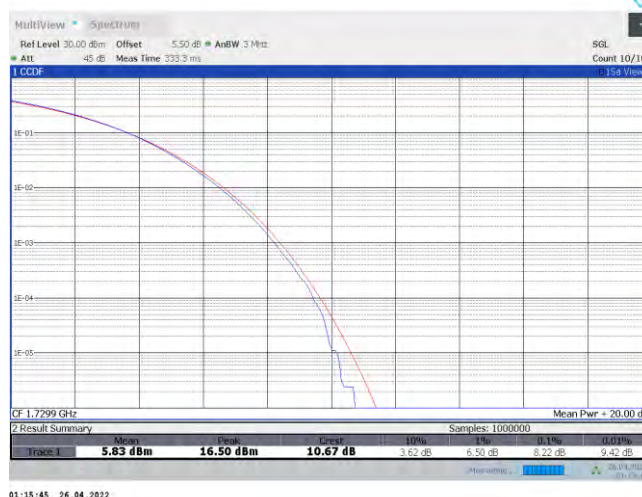
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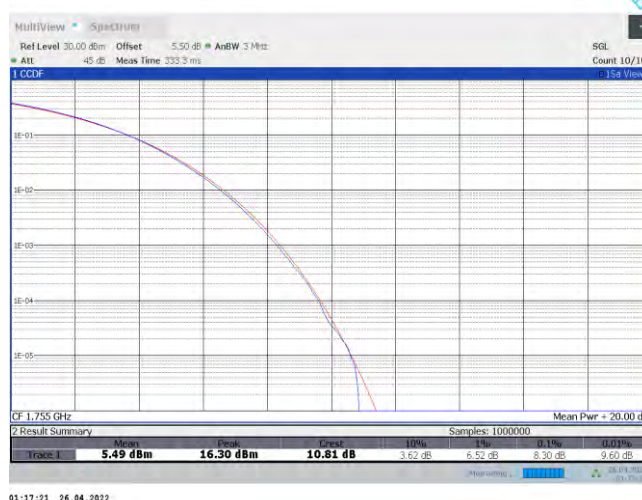
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66-66-20MHz-20MHz-64QAM-64QAM-132072-132270-100RB#0-100RB#0



66-66-20MHz-20MHz-64QAM-64QAM-132323-132521-100RB#0-100RB#0



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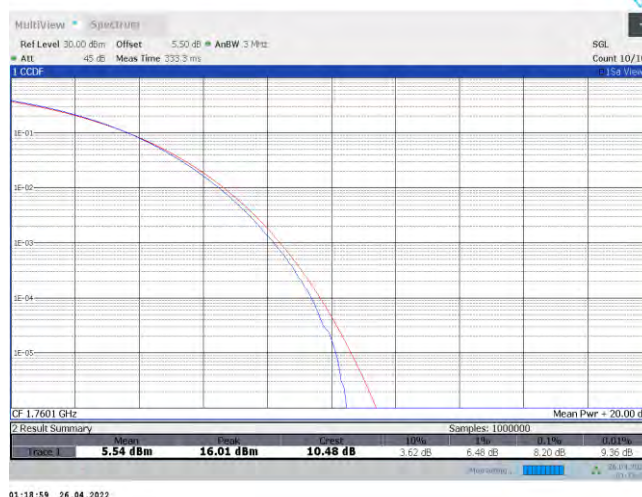
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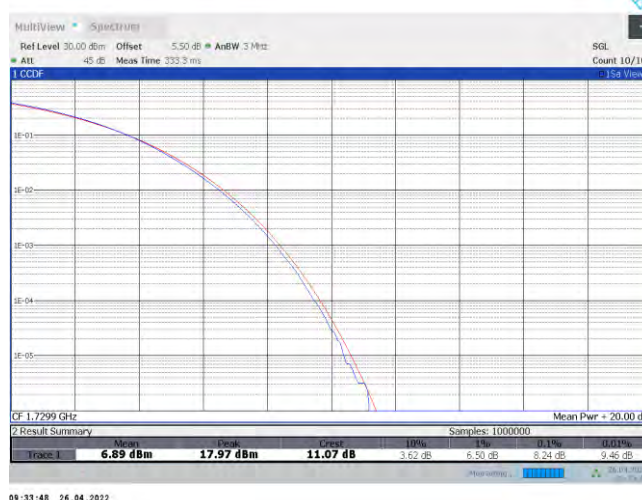
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66-66-20MHz-20MHz-64QAM-64QAM-132374-132572-100RB#0-100RB#0



66-66-20MHz-20MHz-256QAM-256QAM-132072-132270-100RB#0-100RB#0



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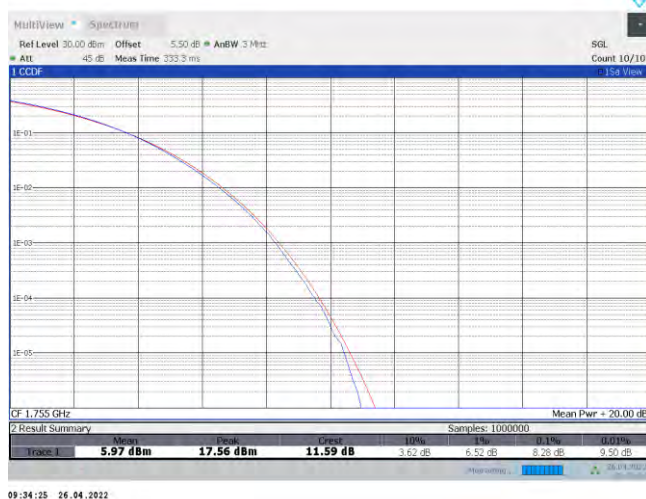
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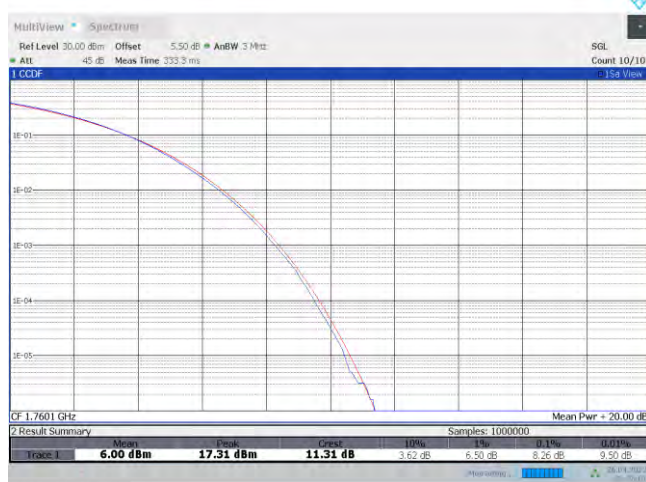
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66-66-20MHz-20MHz-256QAM-256QAM-132323-132521-100RB#0-100RB#0



09:34:25 26.04.2022

66-66-20MHz-20MHz-256QAM-256QAM-132374-132572-100RB#0-100RB#0



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Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Verdict
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	8.22	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132323-132521	100RB#0-100RB#0	8.28	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132323-132521	100RB#0-100RB#0	8.30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132323-132521	100RB#0-100RB#0	8.28	PASS



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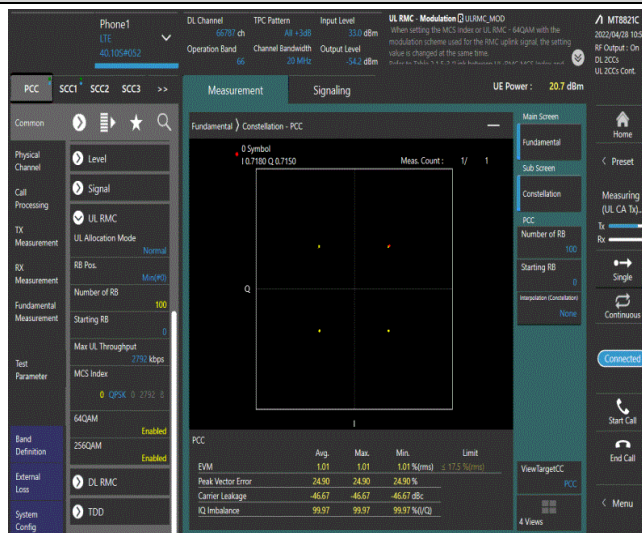
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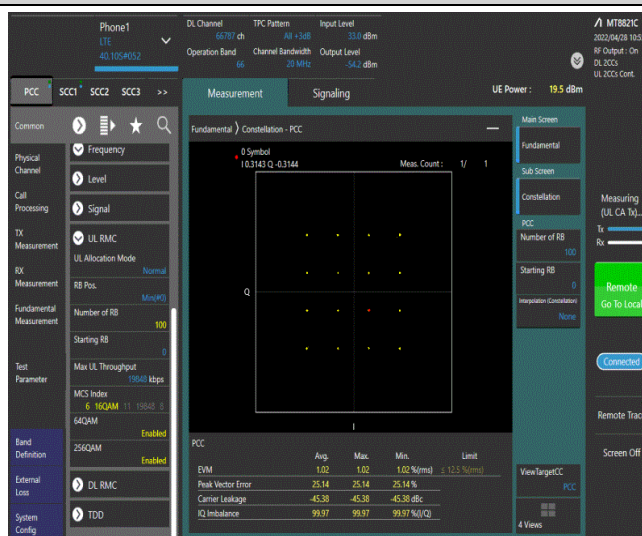
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Test Graphs

66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-100RB#0-100RB#0



66-66-20MHz-20MHz-16QAM-16QAM -132323-132521-100RB#0-100RB#0



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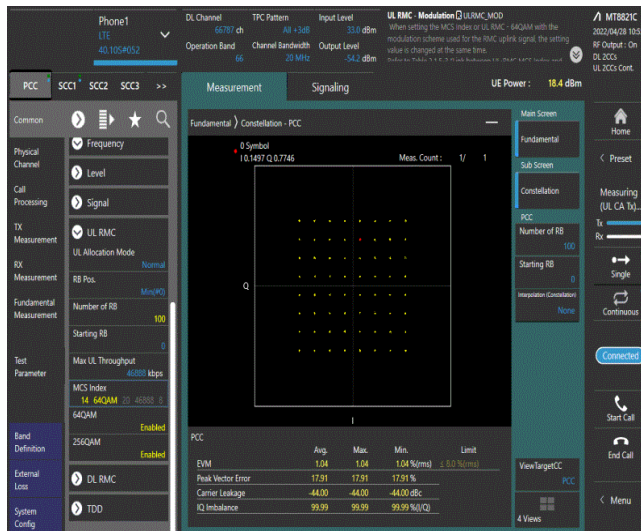
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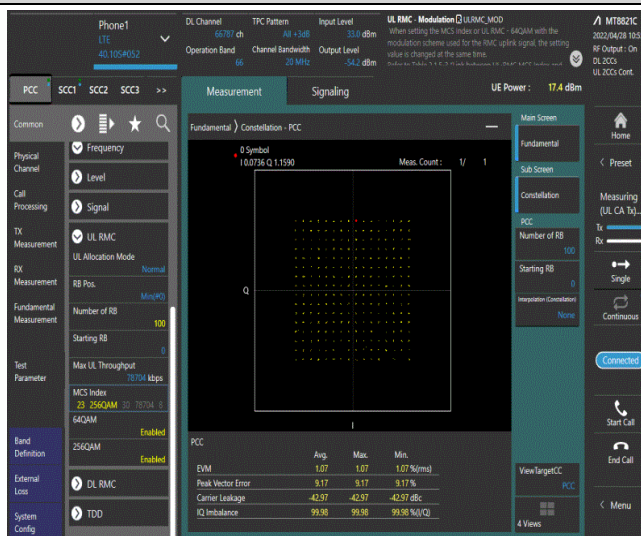
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66-66-20MHz-20MHz-256QAM-256QAM-132323-132521-100RB#0-100RB#0



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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
66-66	10MHz-15MHz	QPSK-QPSK	132025-132145	50RB#0-75RB#0	23.166	24.60	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132351-132471	50RB#0-75RB#0	23.181	24.65	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132477-132597	50RB#0-75RB#0	23.153	24.85	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132025-132145	50RB#0-75RB#0	23.119	24.85	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132351-132471	50RB#0-75RB#0	23.112	24.70	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132477-132597	50RB#0-75RB#0	23.097	24.60	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132025-132145	50RB#0-75RB#0	23.141	24.70	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132351-132471	50RB#0-75RB#0	23.144	24.75	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132477-132597	50RB#0-75RB#0	23.108	24.75	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132025-132145	50RB#0-75RB#0	23.147	24.75	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132351-132471	50RB#0-75RB#0	23.166	24.75	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132477-132597	50RB#0-75RB#0	23.060	24.75	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132027-132171	50RB#0-100RB#0	27.758	29.04	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132328-132472	50RB#0-100RB#0	27.701	29.46	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132428-132572	50RB#0-100RB#0	27.624	29.22	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132027-132171	50RB#0-100RB#0	27.713	29.52	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132328-132472	50RB#0-100RB#0	27.785	29.28	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132428-132572	50RB#0-100RB#0	27.586	29.46	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132027-132171	50RB#0-100RB#0	27.698	29.34	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132328-132472	50RB#0-100RB#0	27.745	29.46	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132428-132572	50RB#0-100RB#0	27.660	29.28	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132027-132171	50RB#0-100RB#0	27.714	29.46	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132328-132472	50RB#0-100RB#0	27.711	29.58	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132428-132572	50RB#0-100RB#0	27.640	29.28	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132047-132167	75RB#0-50RB#0	23.040	24.65	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132373-132493	75RB#0-50RB#0	23.221	25.00	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132499-132619	75RB#0-50RB#0	23.122	24.80	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132047-132167	75RB#0-50RB#0	23.144	24.95	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132373-132493	75RB#0-50RB#0	23.196	25.00	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132499-132619	75RB#0-50RB#0	23.132	25.05	PASS



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66-66	15MHz-10MHz	64QAM-64QAM	132047-132167	75RB#0-50RB#0	23.168	24.95	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132373-132493	75RB#0-50RB#0	23.162	24.90	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132499-132619	75RB#0-50RB#0	23.113	25.00	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132047-132167	75RB#0-50RB#0	23.145	25.10	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132373-132493	75RB#0-50RB#0	23.160	24.85	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132499-132619	75RB#0-50RB#0	23.127	24.95	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132047-132197	75RB#0-75RB#0	28.193	29.52	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132347-132497	75RB#0-75RB#0	28.350	30.12	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132447-132597	75RB#0-75RB#0	28.244	30.18	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132047-132197	75RB#0-75RB#0	28.334	30.12	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132347-132497	75RB#0-75RB#0	28.293	30.24	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132447-132597	75RB#0-75RB#0	28.293	30.24	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132047-132197	75RB#0-75RB#0	28.382	30.12	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132347-132497	75RB#0-75RB#0	28.320	30.12	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132447-132597	75RB#0-75RB#0	28.240	30.06	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132047-132197	75RB#0-75RB#0	28.346	30.24	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132347-132497	75RB#0-75RB#0	28.289	30.06	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132447-132597	75RB#0-75RB#0	28.262	30.36	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132050-132221	75RB#0-100RB#0	32.494	34.02	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132325-132496	75RB#0-100RB#0	32.577	34.44	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132401-132572	75RB#0-100RB#0	32.536	34.58	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132050-132221	75RB#0-100RB#0	32.540	34.58	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132325-132496	75RB#0-100RB#0	32.556	34.58	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132401-132572	75RB#0-100RB#0	32.547	34.44	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132050-132221	75RB#0-100RB#0	32.603	34.51	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132325-132496	75RB#0-100RB#0	32.583	34.44	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132401-132572	75RB#0-100RB#0	32.557	34.65	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132050-132221	75RB#0-100RB#0	32.543	34.51	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132325-132496	75RB#0-100RB#0	32.543	34.37	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132401-132572	75RB#0-100RB#0	32.521	34.51	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132072-132216	100RB#0-50RB#0	27.641	29.04	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132373-132517	100RB#0-50RB#0	27.813	29.88	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132473-132617	100RB#0-50RB#0	27.737	29.70	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132072-132216	100RB#0-50RB#0	27.754	29.70	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132373-132517	100RB#0-50RB#0	27.720	29.82	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132473-132617	100RB#0-50RB#0	27.728	29.64	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132072-132216	100RB#0-50RB#0	27.768	29.76	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132373-132517	100RB#0-50RB#0	27.781	29.82	PASS



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66-66	20MHz-10MHz	64QAM-64QAM	132473-132617	100RB#0-50RB#0	27.756	29.82	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132072-132216	100RB#0-50RB#0	27.765	29.58	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132373-132517	100RB#0-50RB#0	27.765	29.64	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132473-132617	100RB#0-50RB#0	27.670	29.70	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132072-132243	100RB#0-75RB#0	32.650	34.30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132348-132519	100RB#0-75RB#0	32.630	34.65	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132423-132594	100RB#0-75RB#0	32.610	34.72	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132072-132243	100RB#0-75RB#0	32.564	34.72	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132348-132519	100RB#0-75RB#0	32.619	34.51	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132423-132594	100RB#0-75RB#0	32.546	34.65	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132072-132243	100RB#0-75RB#0	32.642	34.72	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132348-132519	100RB#0-75RB#0	32.558	34.72	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132423-132594	100RB#0-75RB#0	32.560	34.58	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132072-132243	100RB#0-75RB#0	32.583	34.79	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132348-132519	100RB#0-75RB#0	32.601	34.65	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132423-132594	100RB#0-75RB#0	32.619	34.65	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132072-132270	100RB#0-100RB#0	37.277	40.16	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	37.710	40.64	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132374-132572	100RB#0-100RB#0	37.710	40.80	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132072-132270	100RB#0-100RB#0	37.634	40.40	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132323-132521	100RB#0-100RB#0	37.658	40.56	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132374-132572	100RB#0-100RB#0	37.678	40.64	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132072-132270	100RB#0-100RB#0	37.684	40.40	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132323-132521	100RB#0-100RB#0	37.680	40.40	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132374-132572	100RB#0-100RB#0	37.672	40.56	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132072-132270	100RB#0-100RB#0	37.611	40.40	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132323-132521	100RB#0-100RB#0	37.642	40.48	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132374-132572	100RB#0-100RB#0	37.690	40.16	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132072-132189	100RB#0-25RB#0	22.900	24.55	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132397-132514	100RB#0-25RB#0	22.938	24.70	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132522-132639	100RB#0-25RB#0	22.929	24.65	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132072-132189	100RB#0-25RB#0	22.919	24.60	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132397-132514	100RB#0-25RB#0	22.940	24.60	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132522-132639	100RB#0-25RB#0	22.905	24.55	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132072-132189	100RB#0-25RB#0	22.925	24.45	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132397-132514	100RB#0-25RB#0	22.960	24.55	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132522-132639	100RB#0-25RB#0	22.924	24.65	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132072-132189	100RB#0-25RB#0	22.904	24.85	PASS



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66-66	20MHz-5MHz	256QAM-256QAM	132397-132514	100RB#0-25RB#0	22.967	24.60	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132522-132639	100RB#0-25RB#0	22.911	24.45	PASS



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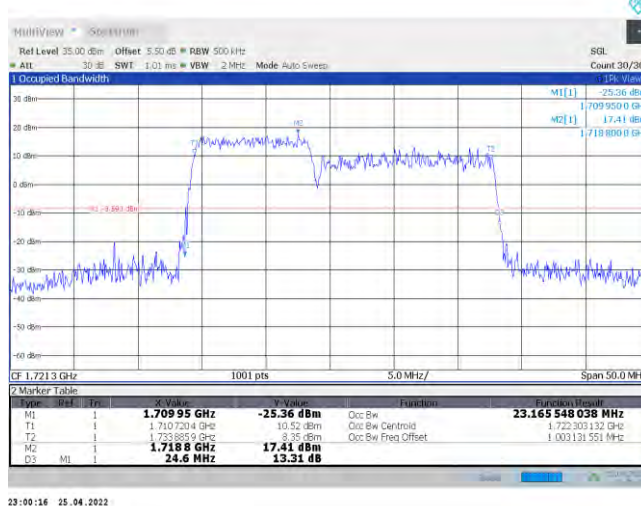
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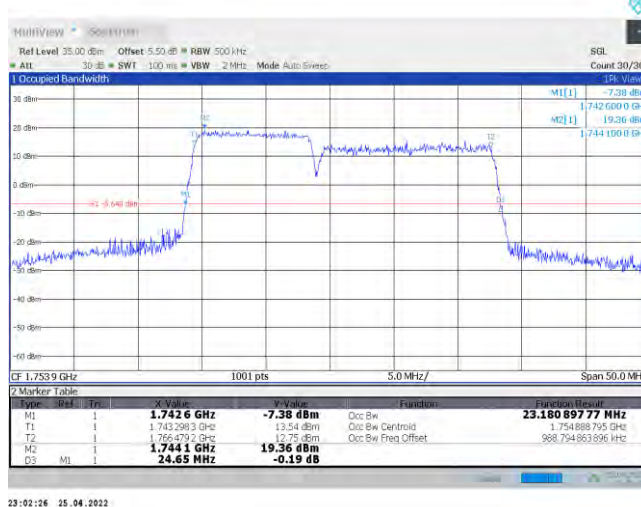
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Test Graphs

66-66-10MHz-15MHz-QPSK-QPSK-132025-132145-50RB#0-75RB#0



66-66-10MHz-15MHz-QPSK-QPSK-132351-132471-50RB#0-75RB#0



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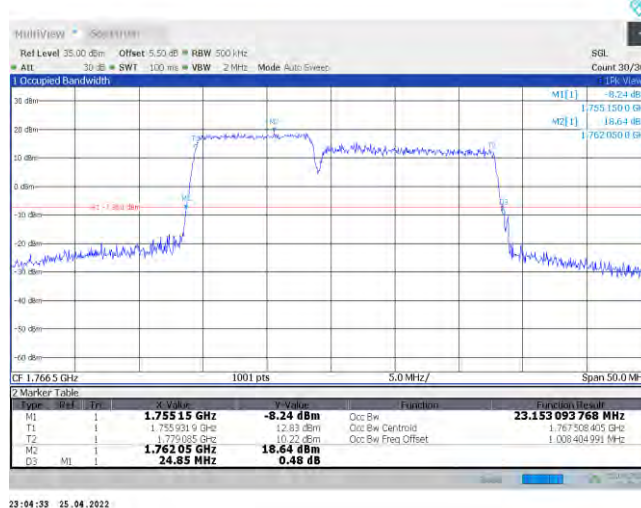
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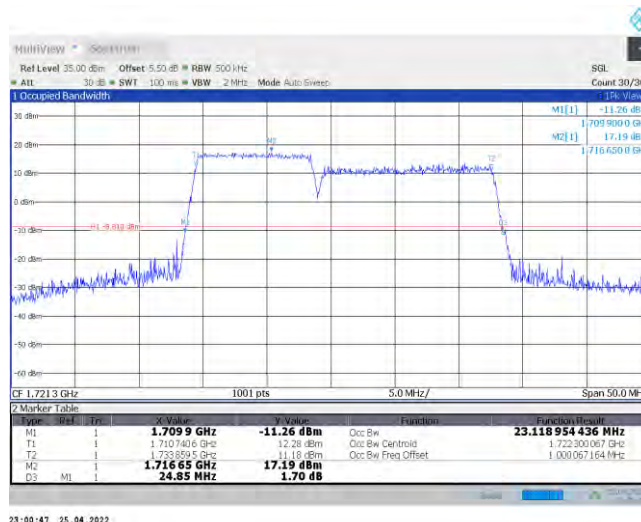
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66-66-10MHz-15MHz-QPSK-QPSK-132477-132597-50RB#0-75RB#0



66-66-10MHz-15MHz-16QAM-16QAM-132025-132145-50RB#0-75RB#0



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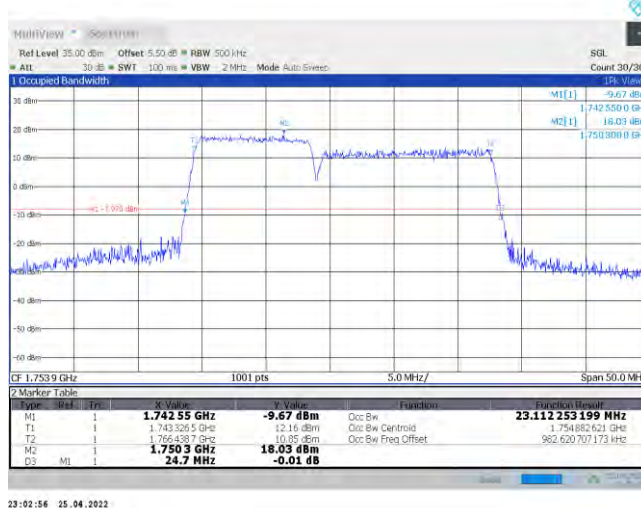
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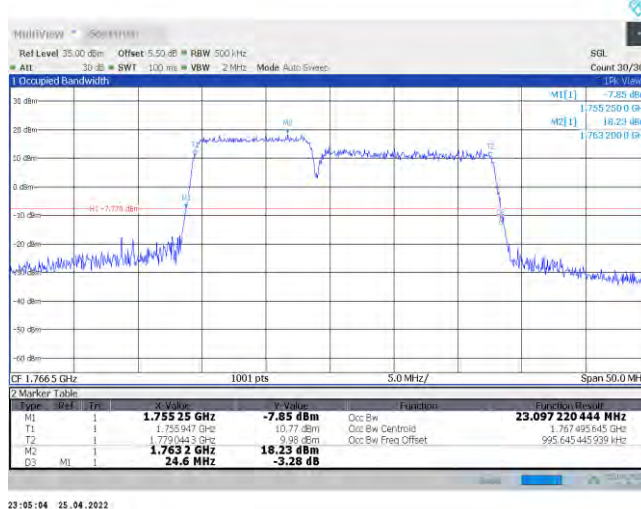
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66-66-10MHz-15MHz-16QAM-16QAM-132351-132471-50RB#0-75RB#0



66-66-10MHz-15MHz-16QAM-16QAM-132477-132597-50RB#0-75RB#0



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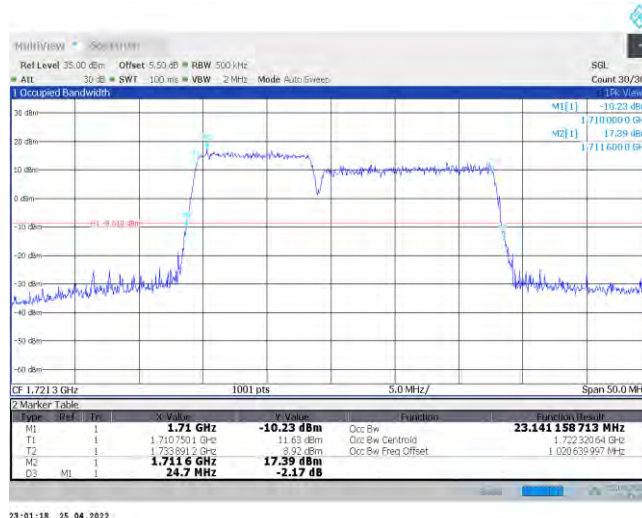
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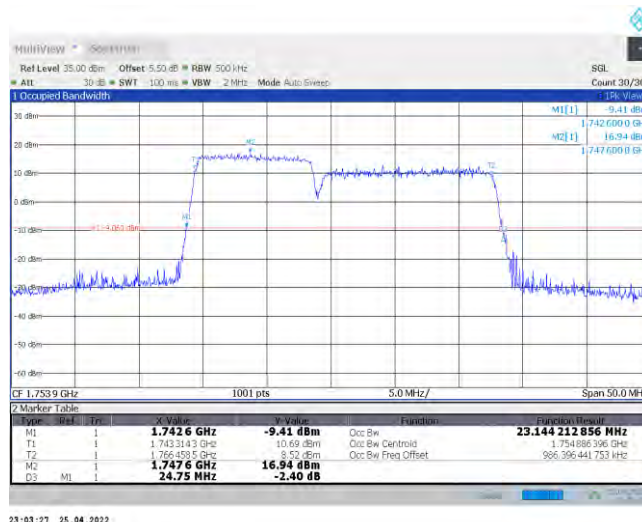
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66-66-10MHz-15MHz-64QAM-64QAM-132025-132145-50RB#0-75RB#0



66-66-10MHz-15MHz-64QAM-64QAM-132351-132471-50RB#0-75RB#0



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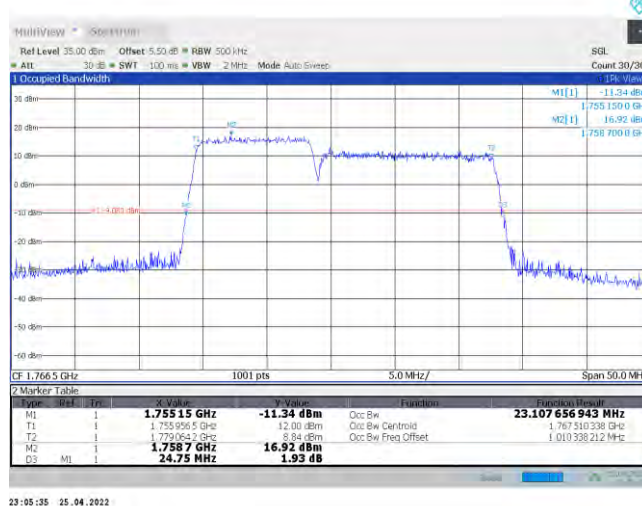
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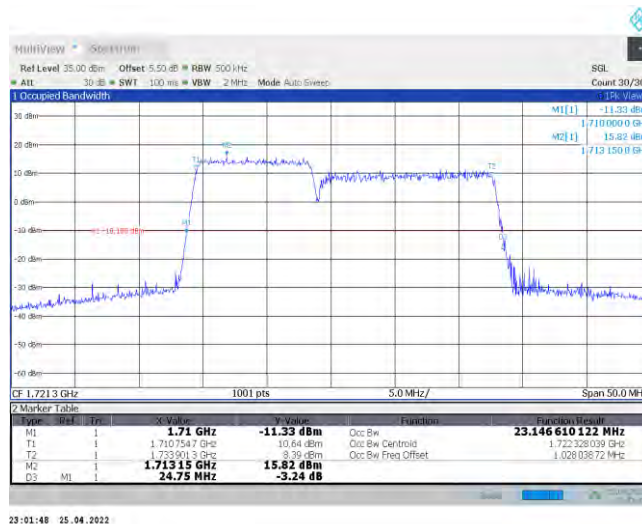
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66-66-10MHz-15MHz-64QAM-64QAM-132477-132597-50RB#0-75RB#0



66-66-10MHz-15MHz-256QAM-256QAM-132025-132145-50RB#0-75RB#0



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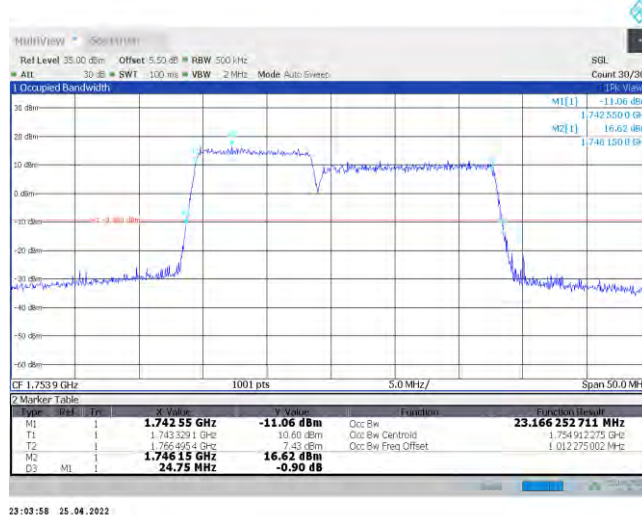
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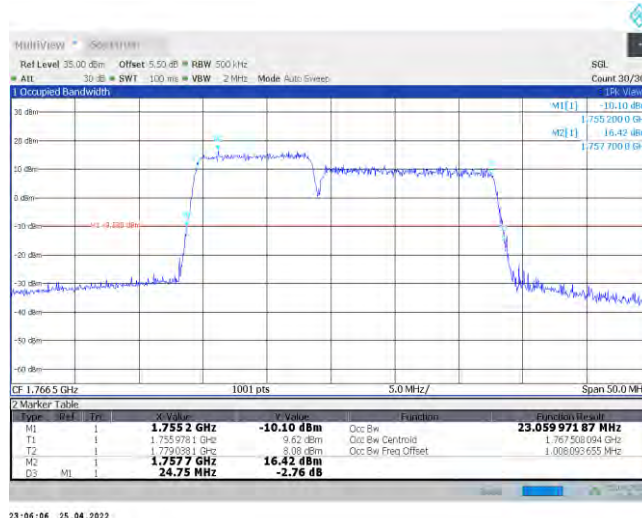
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66-66-10MHz-15MHz-256QAM-256QAM-132351-132471-50RB#0-75RB#0



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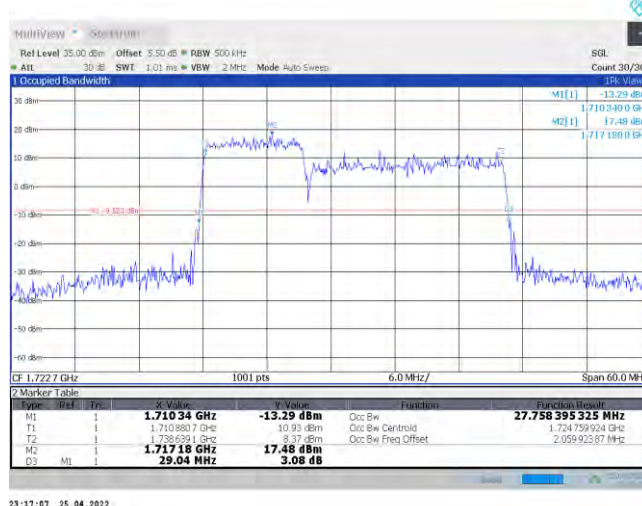
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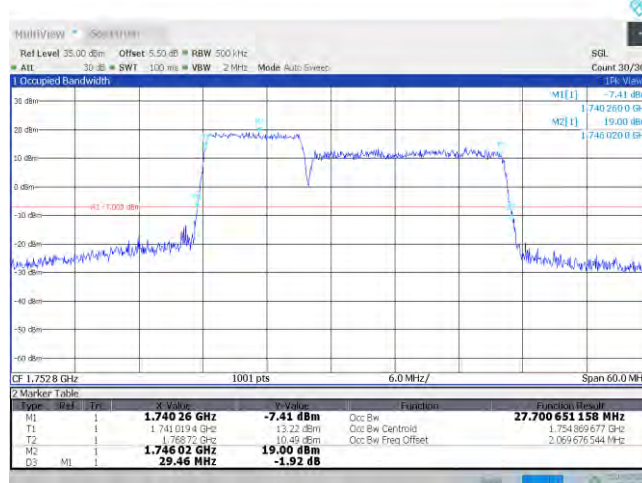
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66-66-10MHz-20MHz-QPSK-QPSK-132027-132171-50RB#0-100RB#0



23:17:07 25.04.2022

66-66-10MHz-20MHz-QPSK-QPSK-132328-132472-50RB#0-100RB#0



23:17:17 25.04.2022



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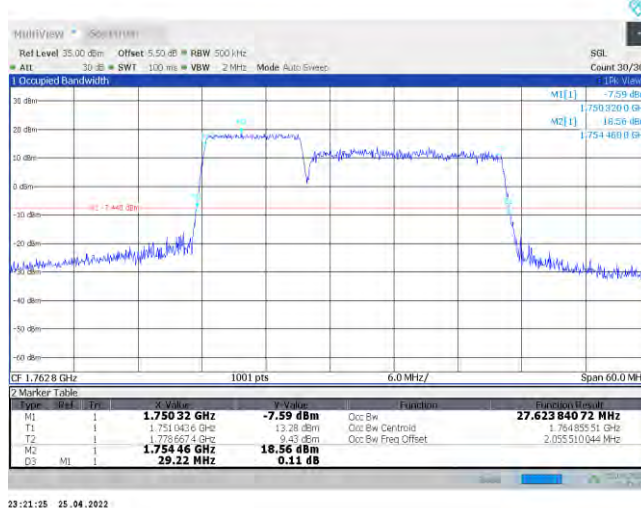
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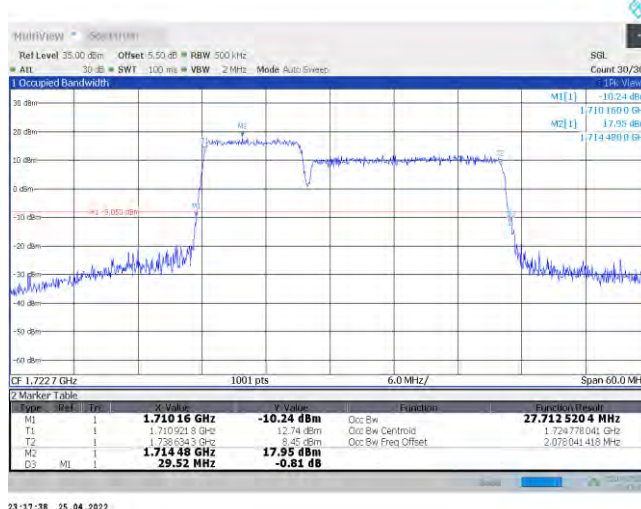
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23:21:25 25.04.2022

66-66-10MHz-20MHz-16QAM-16QAM-132027-132171-50RB#0-100RB#0



23:17:38 25.04.2022



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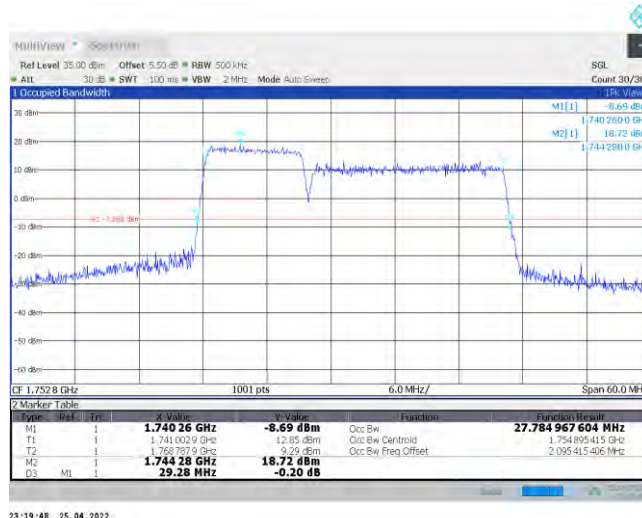
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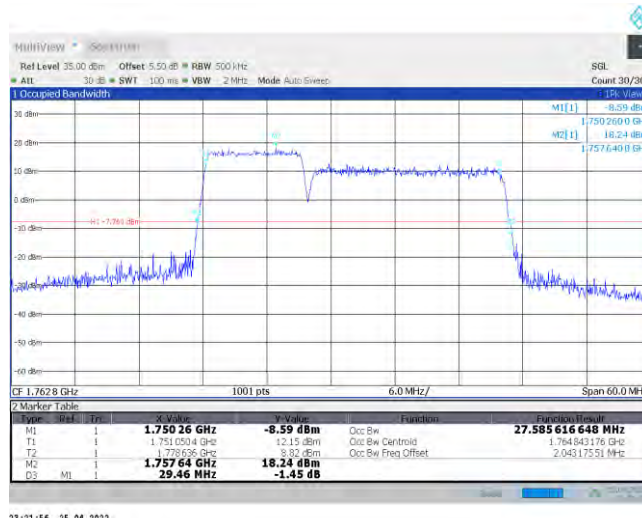
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23:19:48 25.04.2022

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23:21:56 25.04.2022



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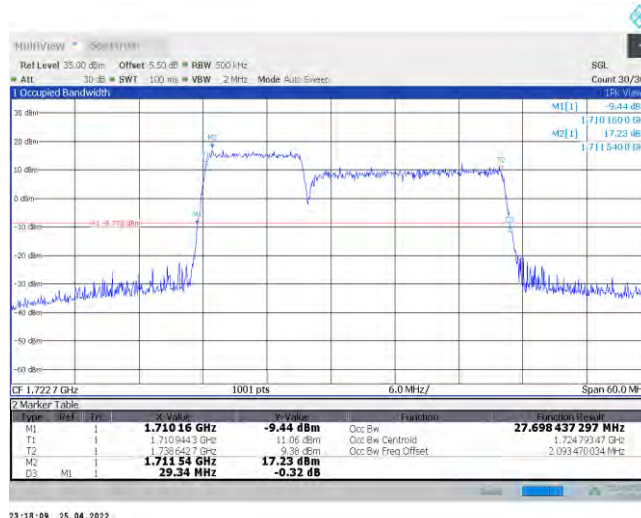
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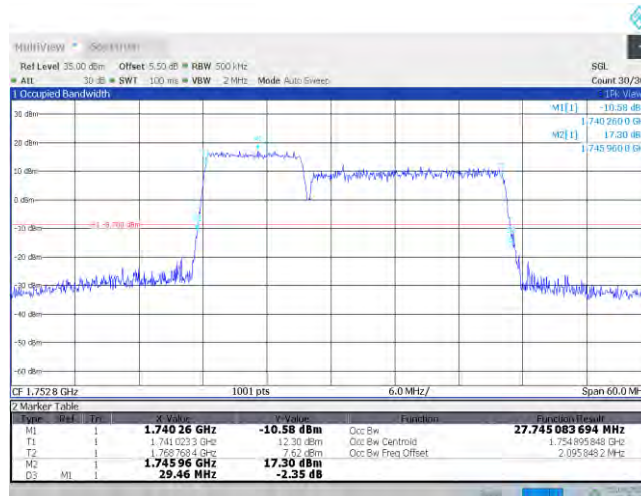
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23:20:19 25.04.2022



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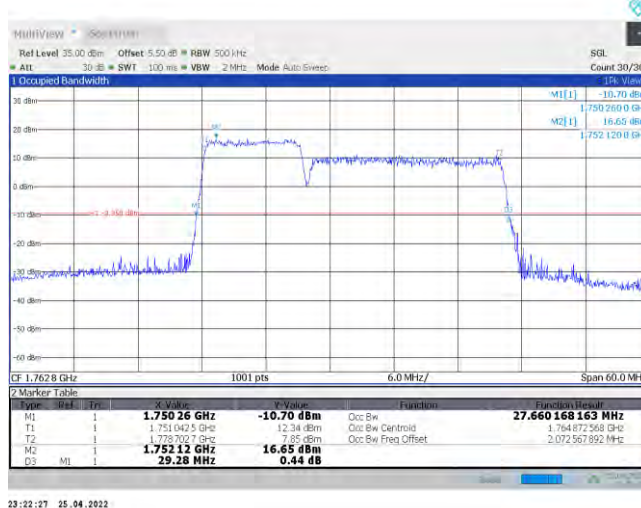
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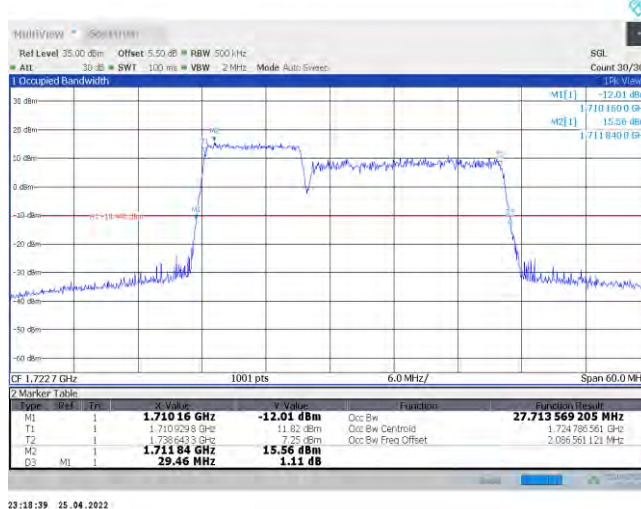
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66-66-10MHz-20MHz-64QAM-64QAM-132428-132572-50RB#0-100RB#0



23:22:27 25.04.2022

66-66-10MHz-20MHz-256QAM-256QAM-132027-132171-50RB#0-100RB#0



23:18:39 25.04.2022



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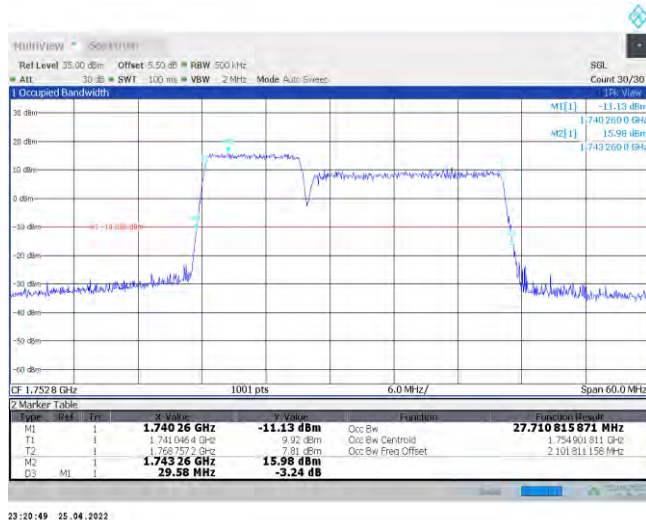
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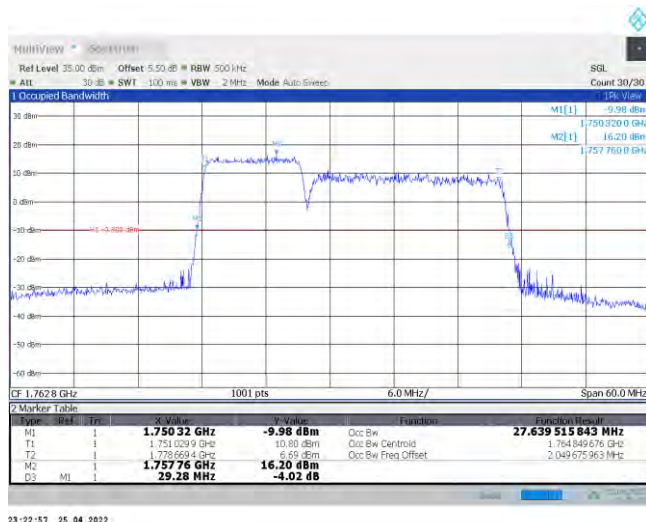
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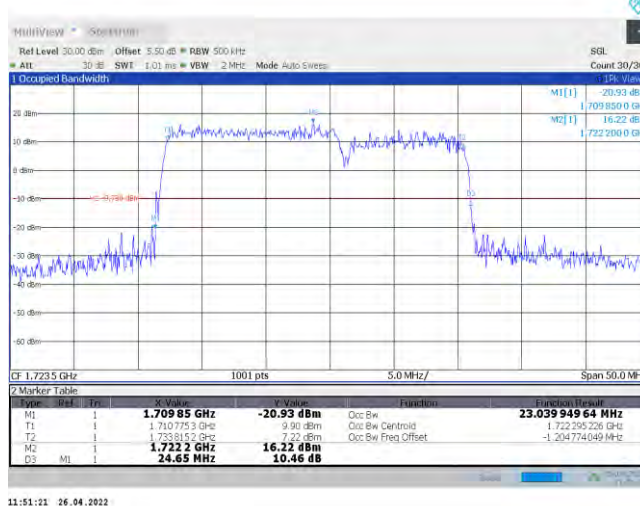
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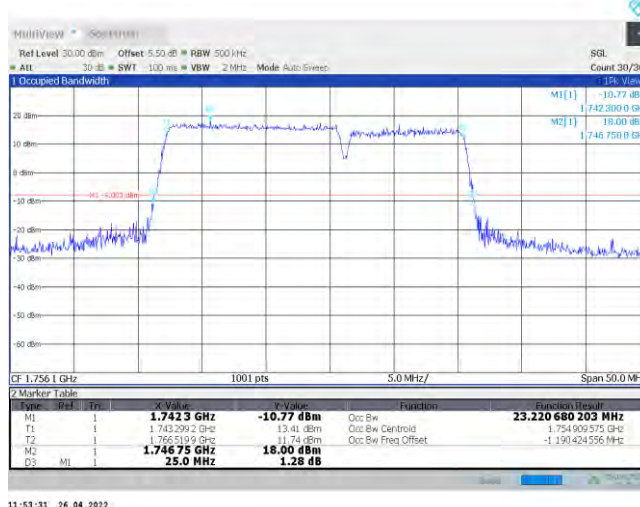
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66-66-15MHz-10MHz-QPSK-QPSK-132373-132493-75RB#0-50RB#0



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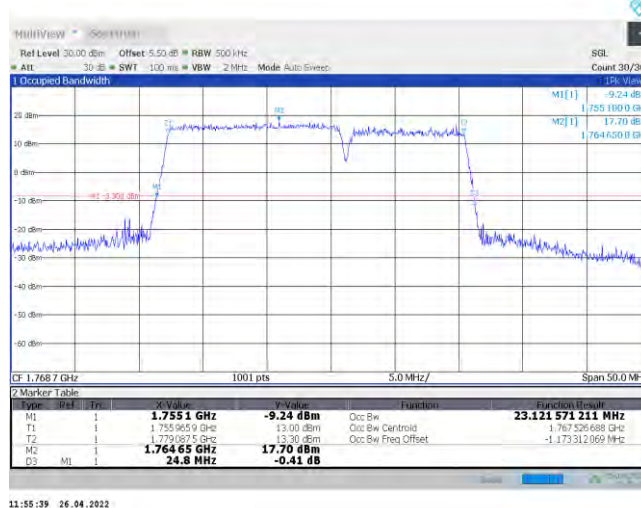
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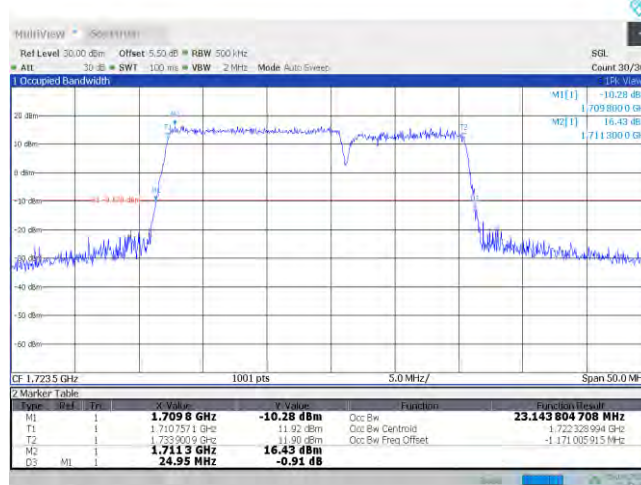
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11:51:52 26.04.2022



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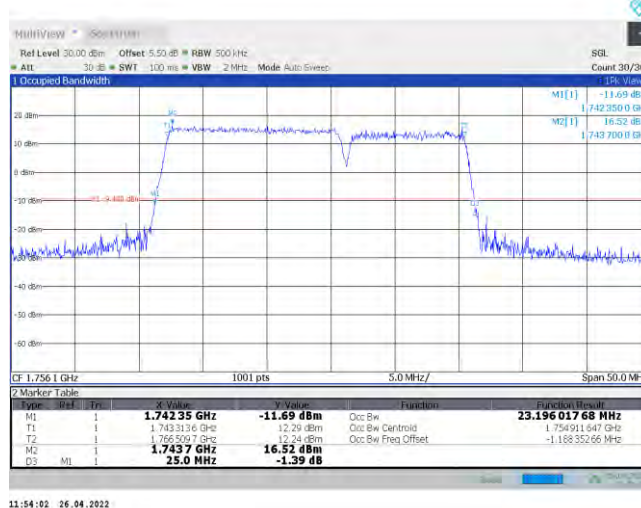
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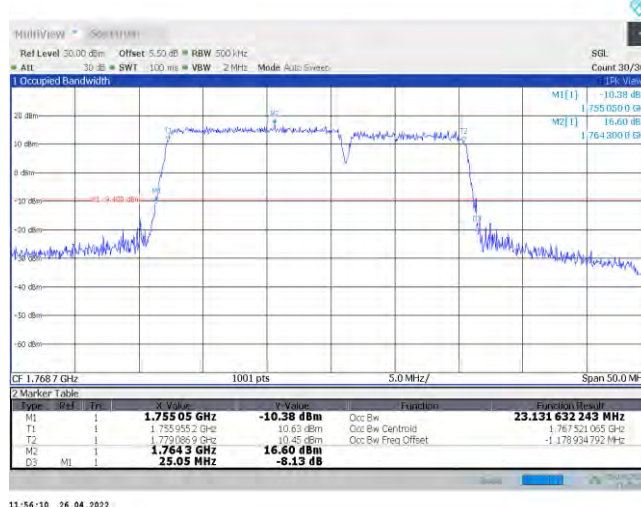
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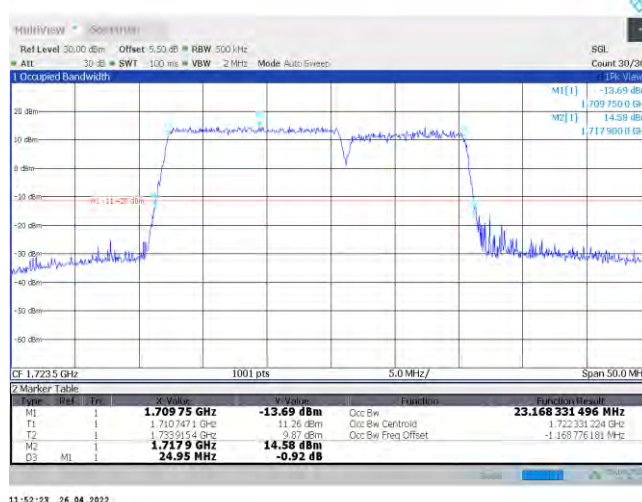
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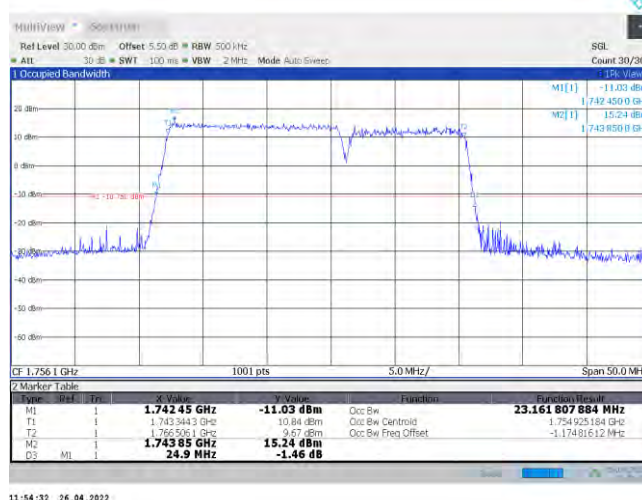
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66-66-15MHz-10MHz-64QAM-64QAM-132047-132167-75RB#0-50RB#0



66-66-15MHz-10MHz-64QAM-64QAM-132373-132493-75RB#0-50RB#0



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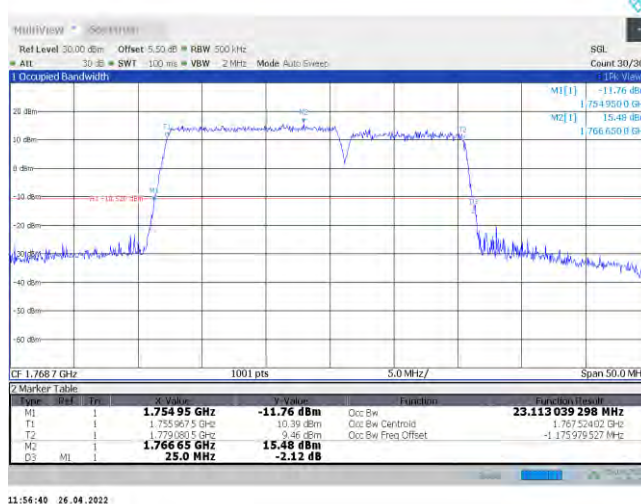
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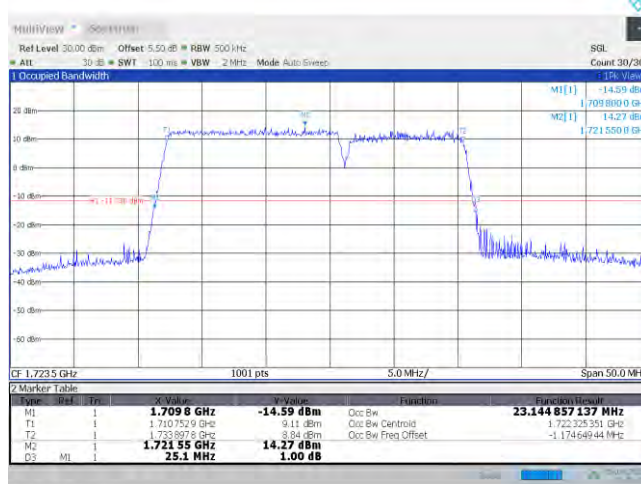
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11:54:40 26.04.2022

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11:52:53 26.04.2022



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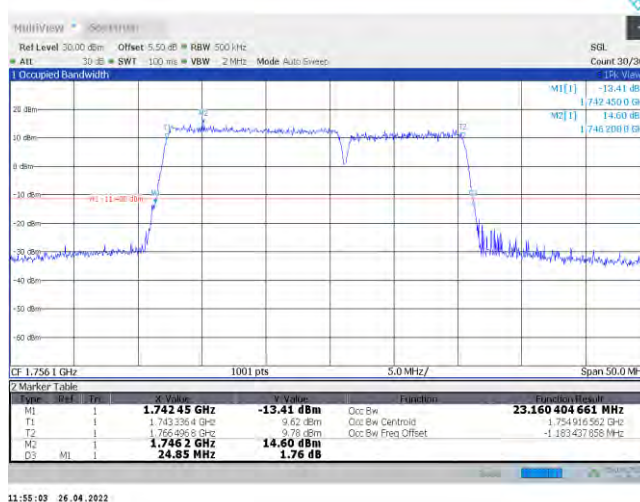
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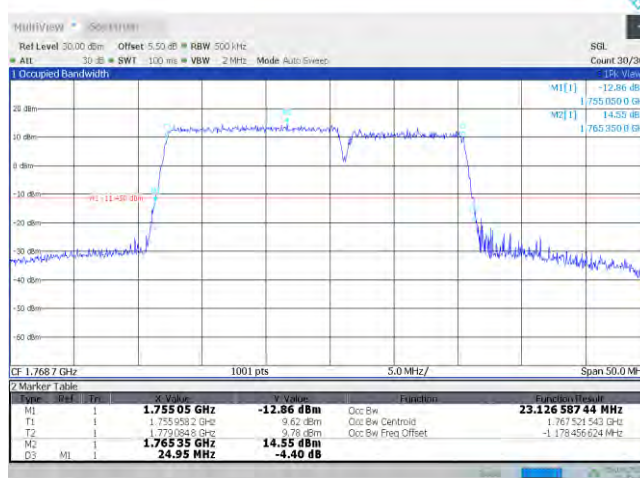
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11:57:11 26.04.2022



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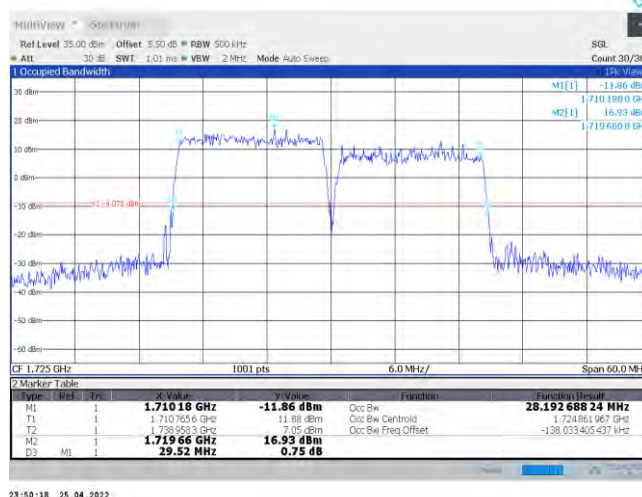
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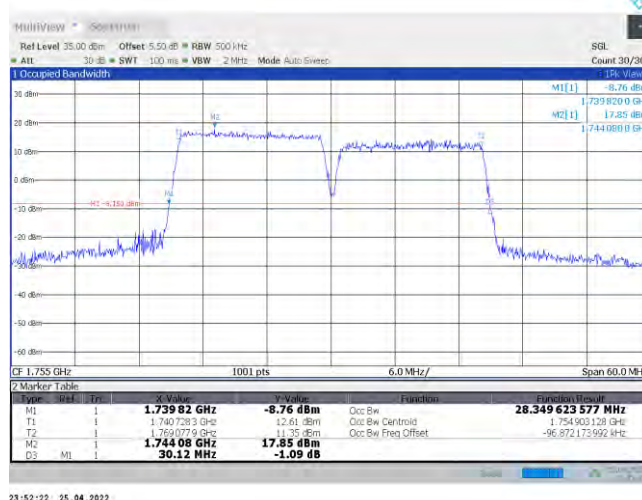
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66-66-15MHz-15MHz-QPSK-QPSK-132347-132497-75RB#0-75RB#0



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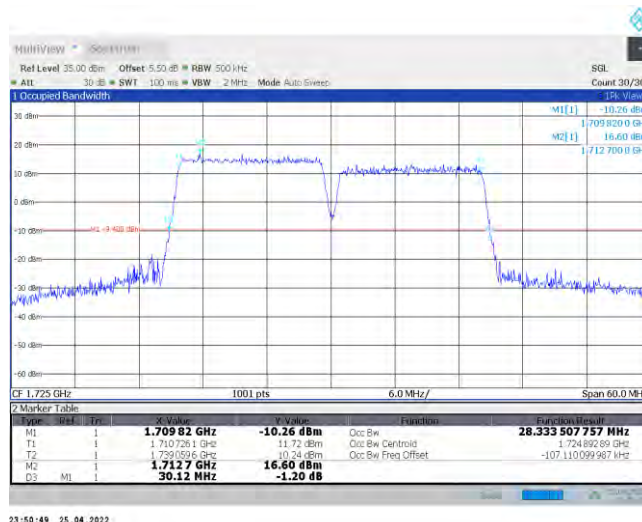
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66-66-15MHz-15MHz-16QAM-16QAM-132047-132197-75RB#0-75RB#0



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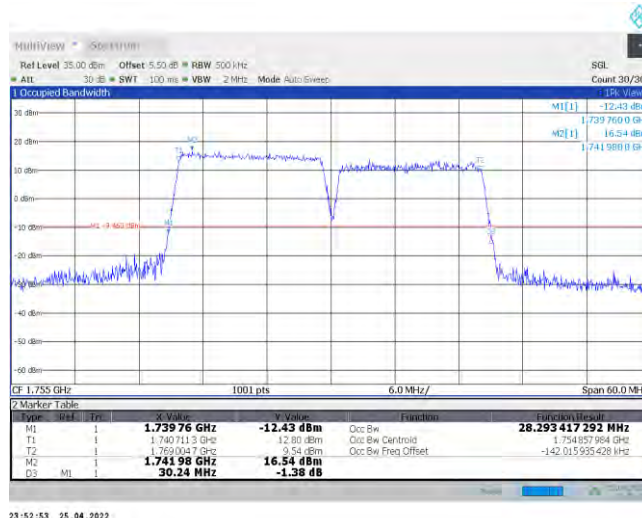
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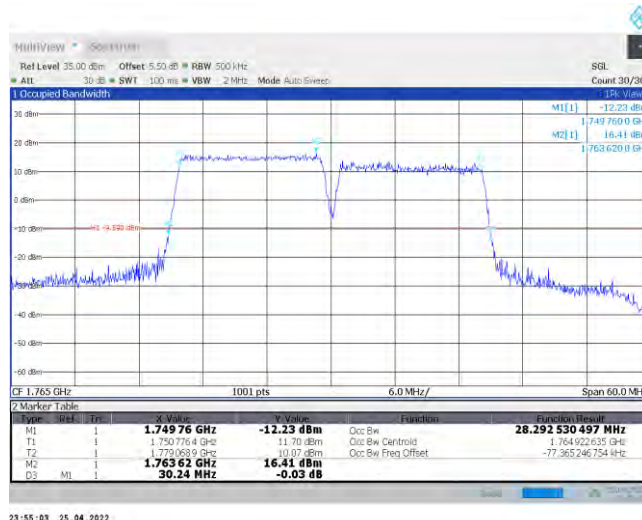
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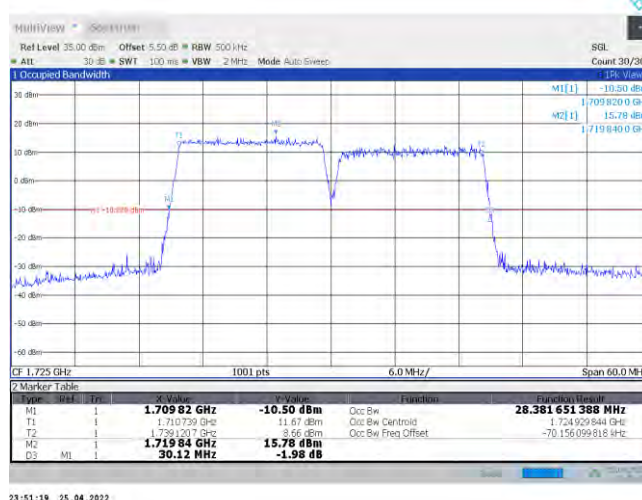
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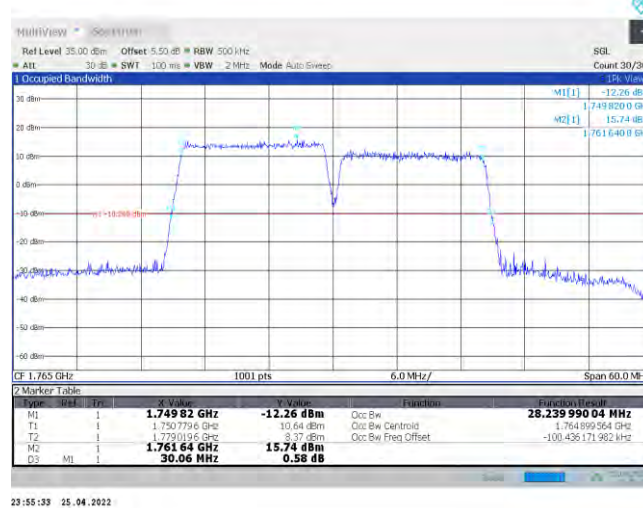
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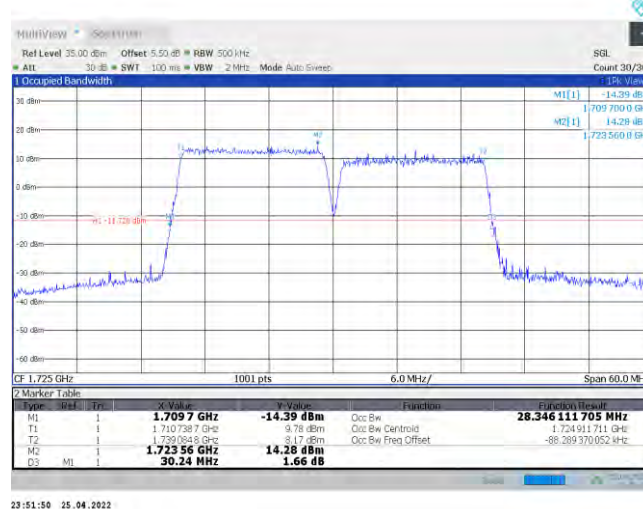
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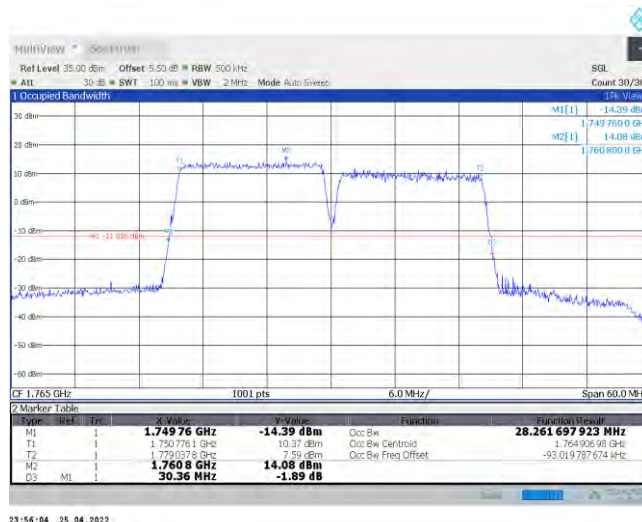
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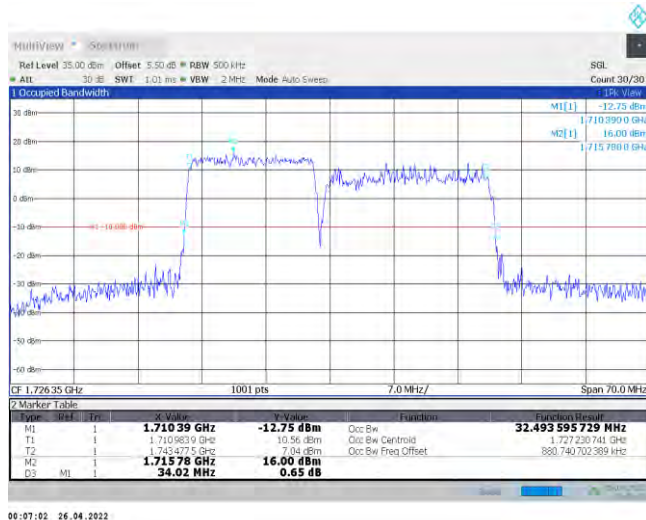
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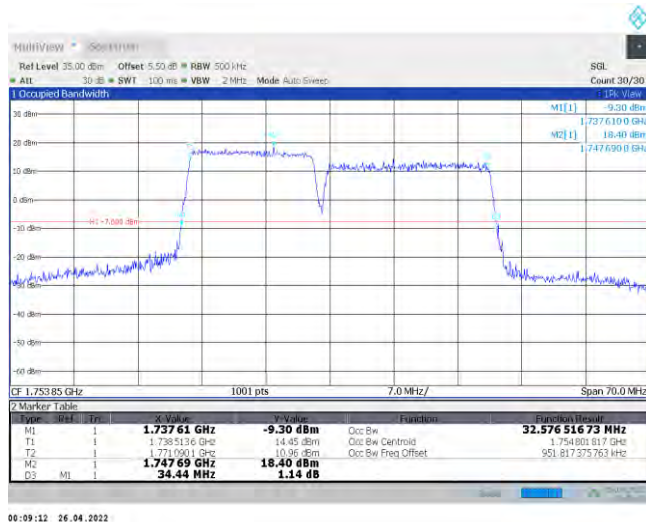
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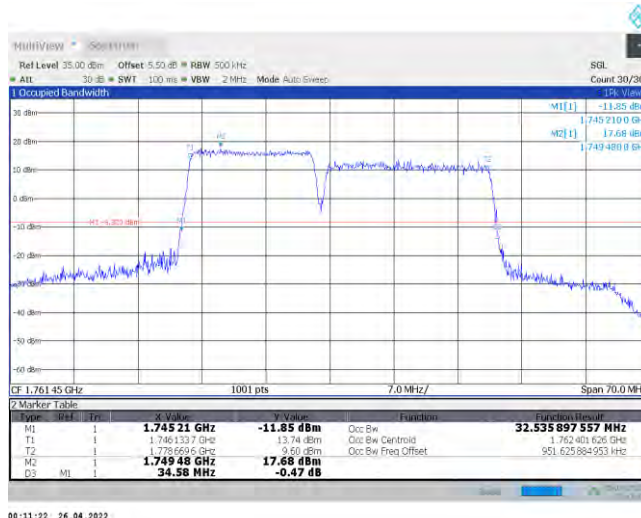
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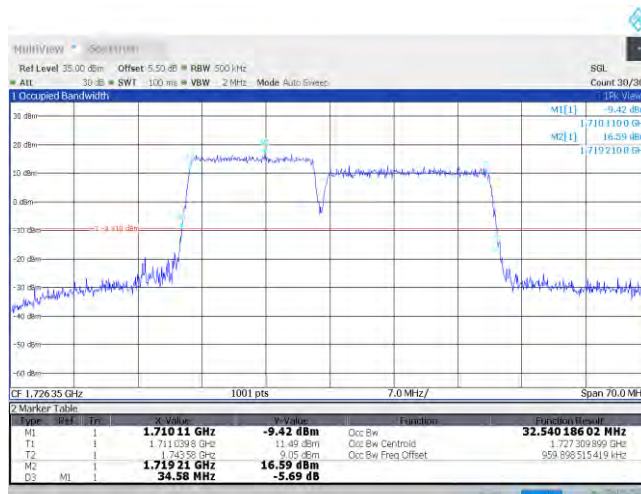
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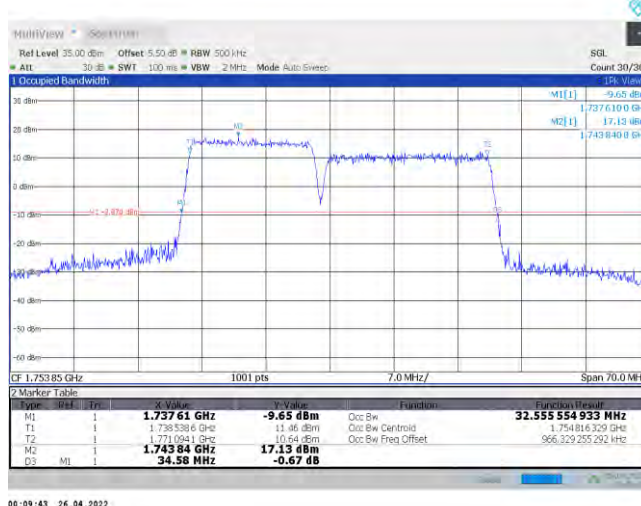
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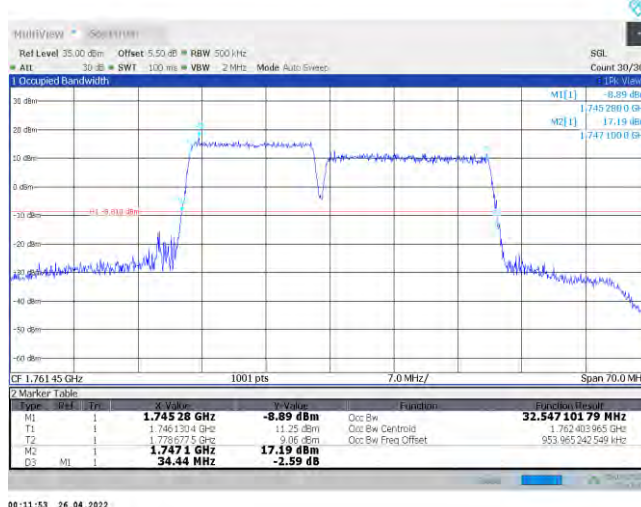
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66-66-15MHz-20MHz-16QAM-16QAM-132325-132496-75RB#0-100RB#0



00:09:43 26.04.2022

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00:11:53 26.04.2022



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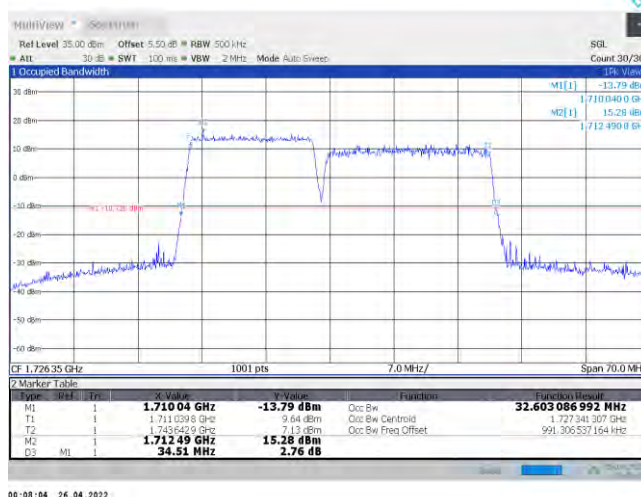
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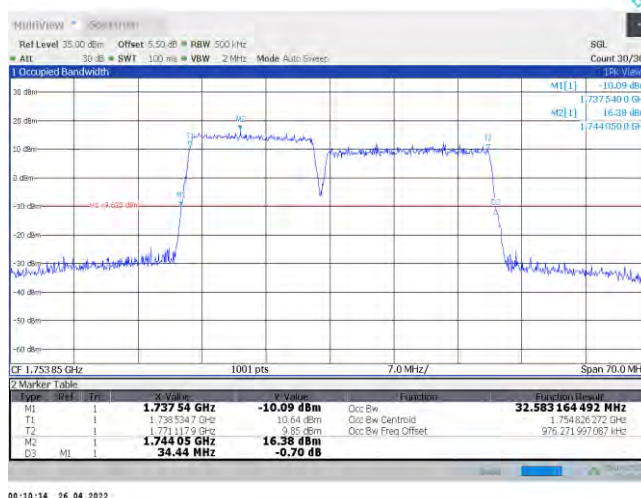
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00:00:04 26.04.2022

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00:10:14 26.04.2022



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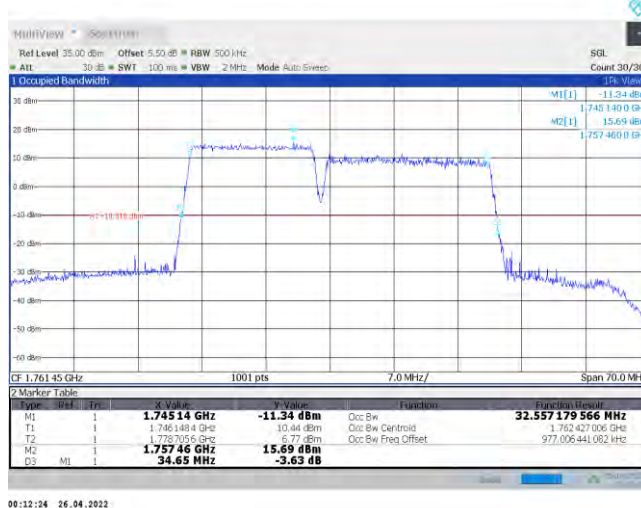
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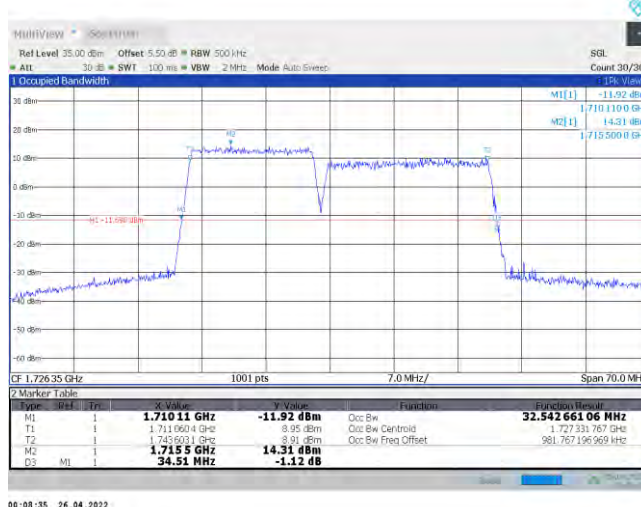
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00:12:24 26.04.2022

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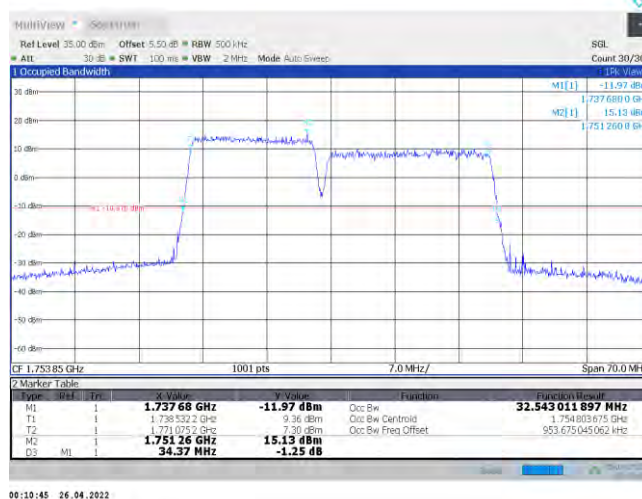
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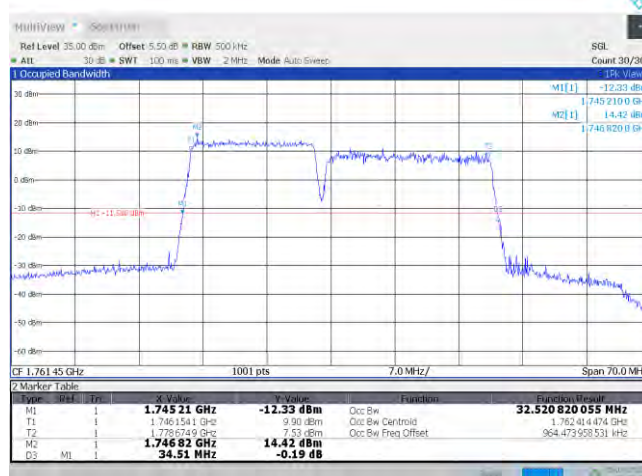
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00:10:45 26.04.2022

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00:12:55 26.04.2022



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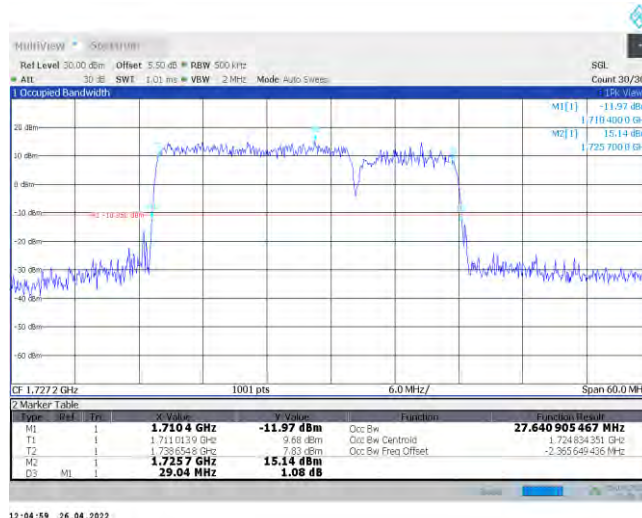
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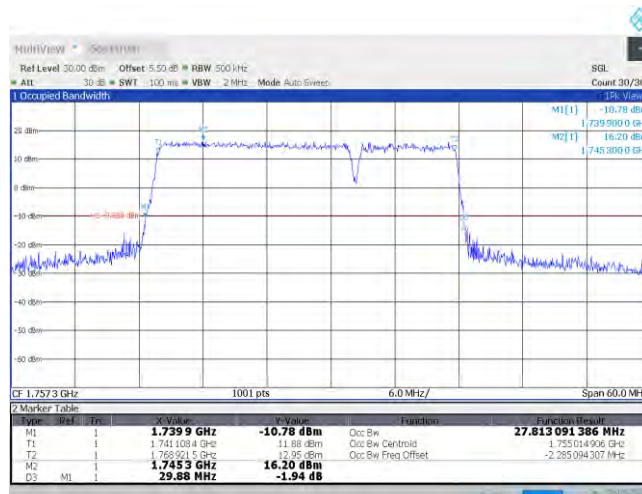
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12:04:59 26.04.2022

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12:07:07 26.04.2022



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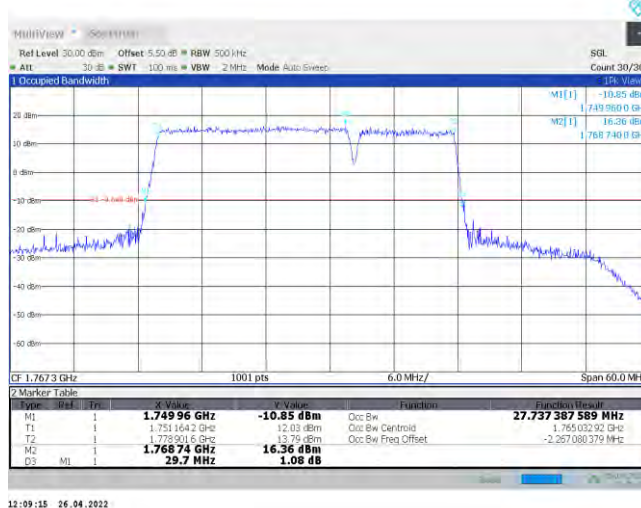
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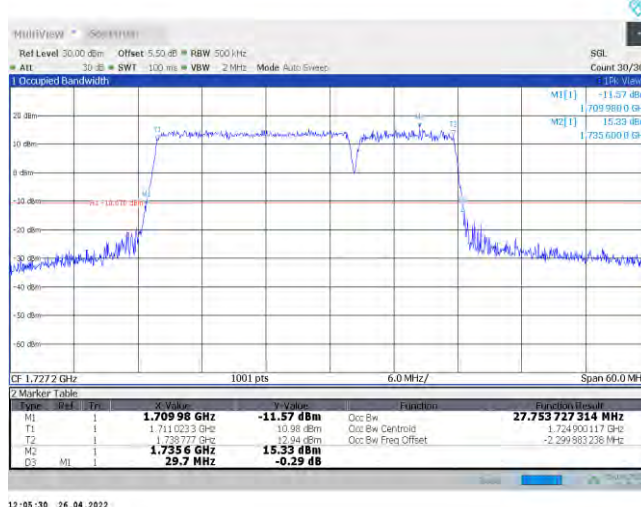
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12:09:15 26.04.2022

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12:05:30 26.04.2022



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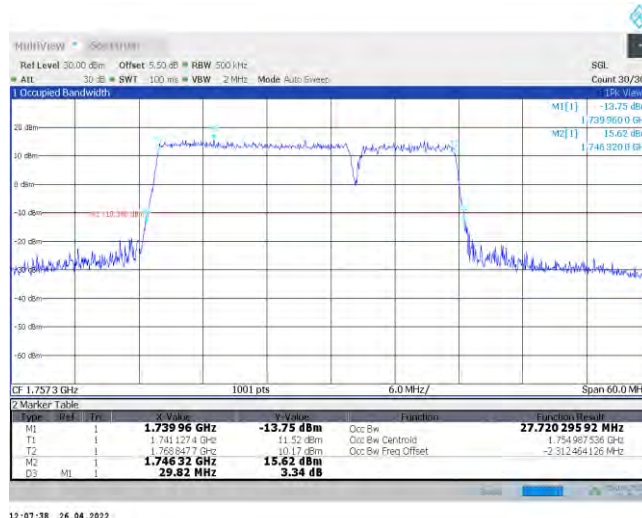
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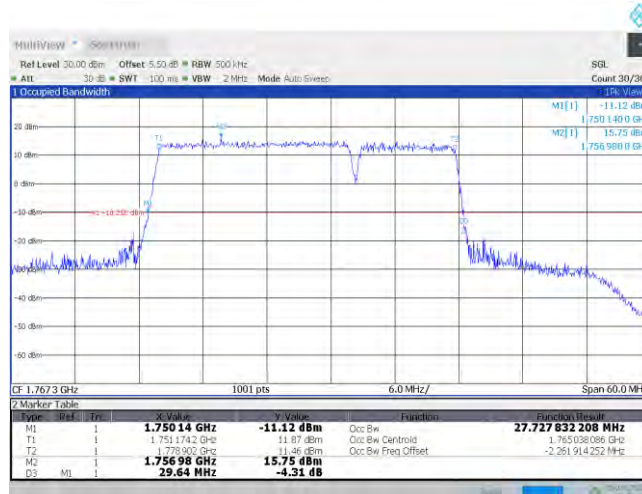
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12:09:46 26.04.2022



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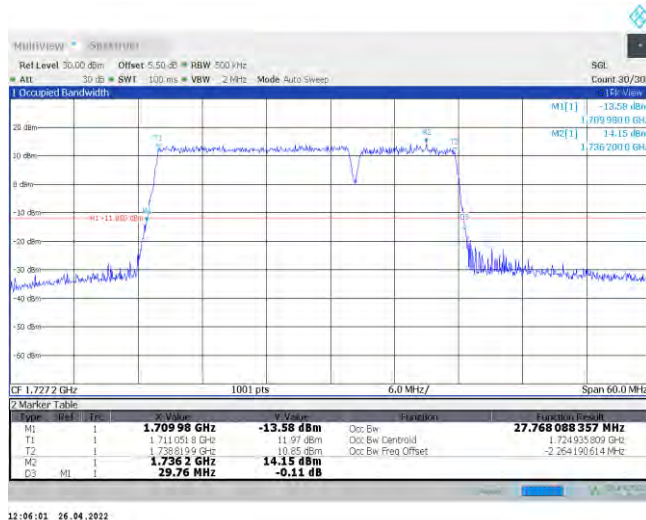
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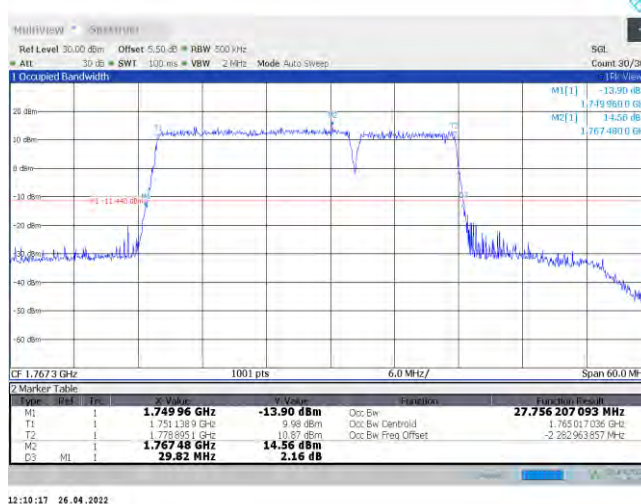
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12:10:17 26.04.2022

66-66-20MHz-10MHz-256QAM-256QAM-132072-132216-100RB#0-50RB#0



12:04:32 26.04.2022



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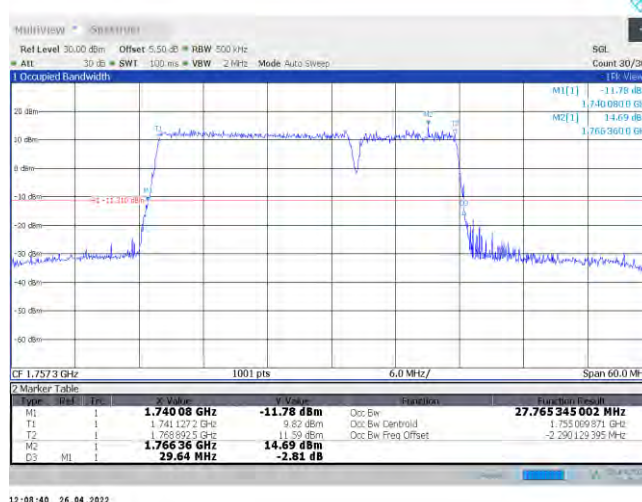
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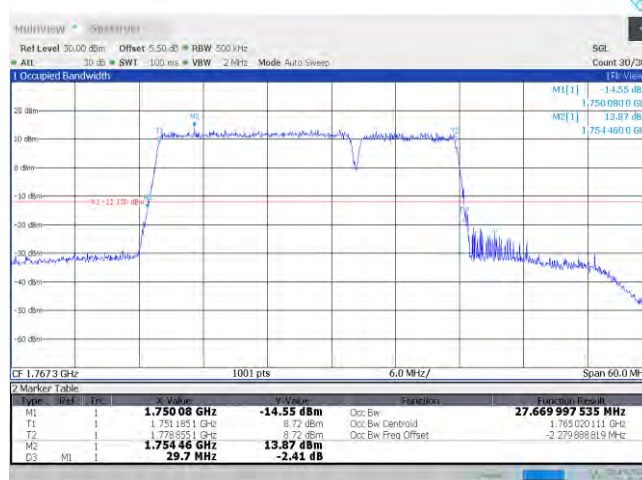
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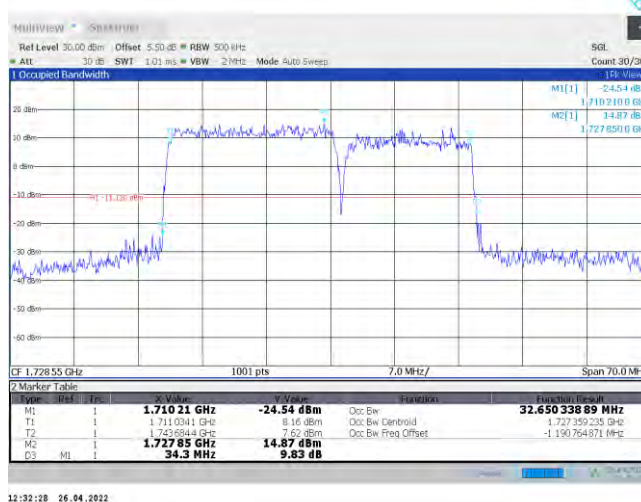
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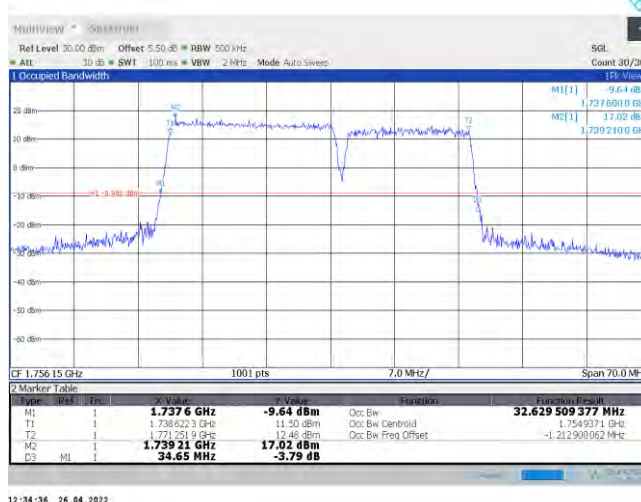
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66-66-20MHz-15MHz-QPSK-QPSK-132348-132519-100RB#0-75RB#0



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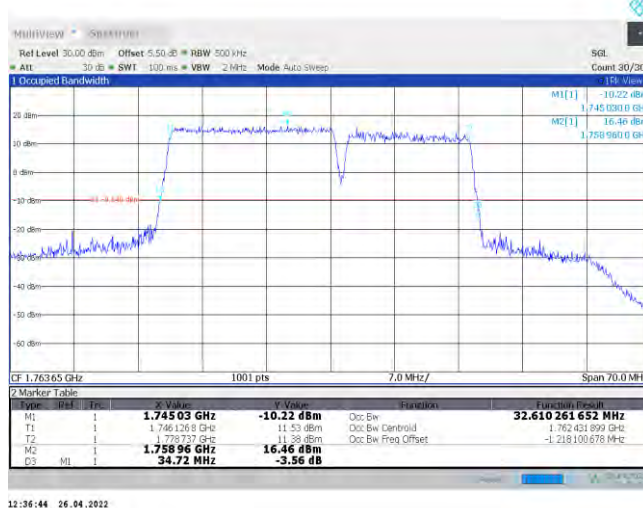
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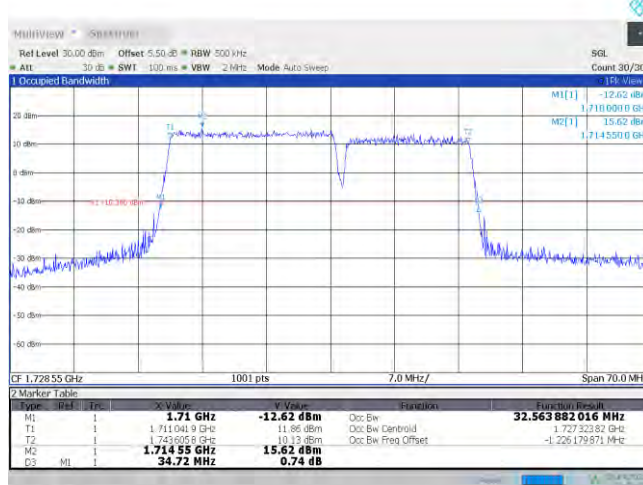
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12:36:44 26.04.2022

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12:32:59 26.04.2022



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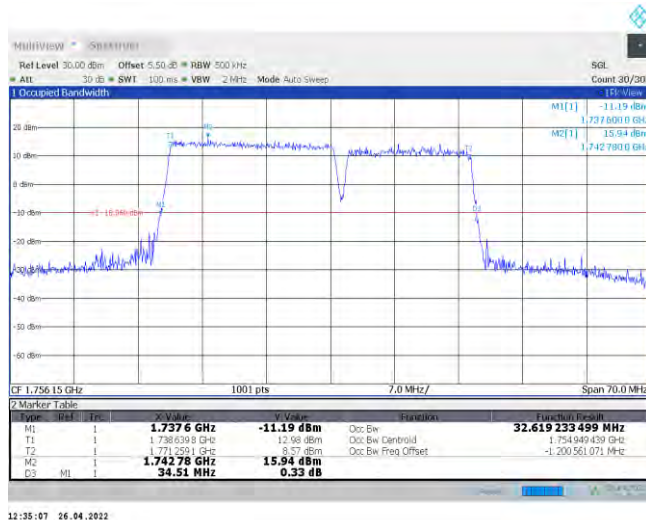
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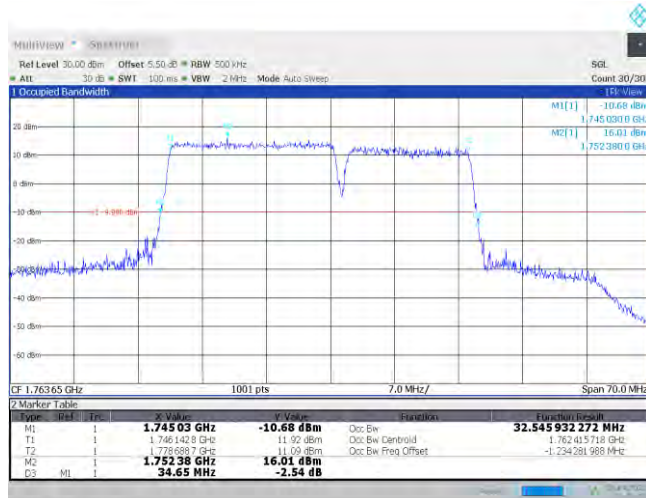
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12:35:07 26.04.2022

66-66-20MHz-15MHz-16QAM-16QAM-132423-132594-100RB#0-75RB#0



12:37:15 26.04.2022



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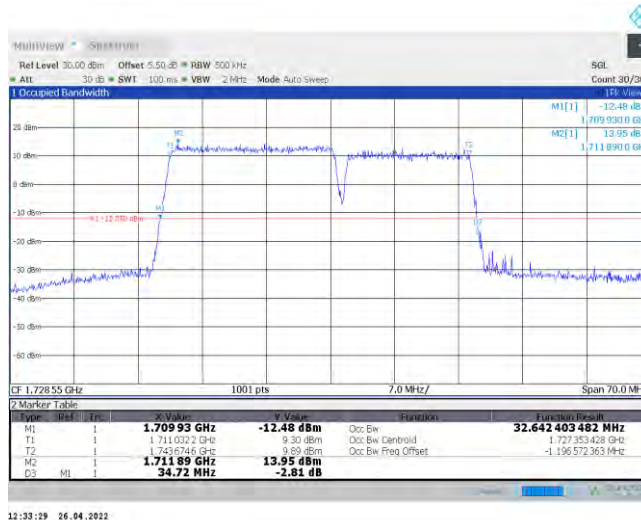
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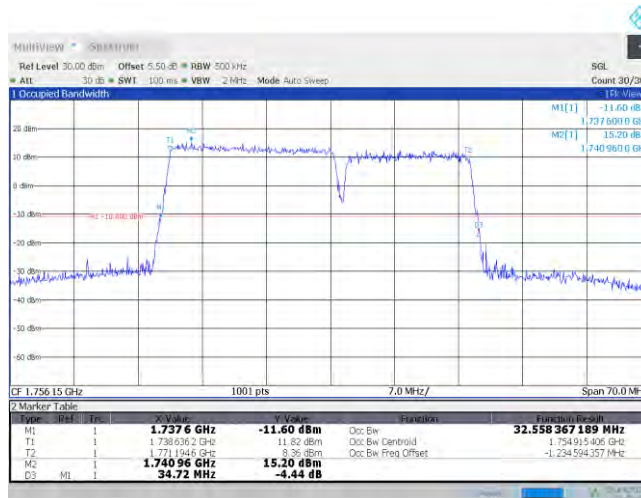
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12:33:29 26.04.2022

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12:35:38 26.04.2022



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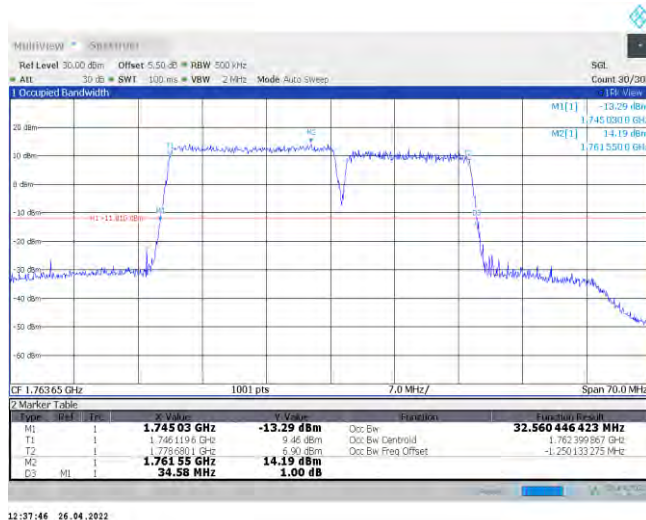
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66-66-20MHz-15MHz-64QAM-64QAM-132423-132594-100RB#0-75RB#0



12:37:46 26.04.2022

66-66-20MHz-15MHz-256QAM-256QAM-132072-132243-100RB#0-75RB#0



12:34:00 26.04.2022



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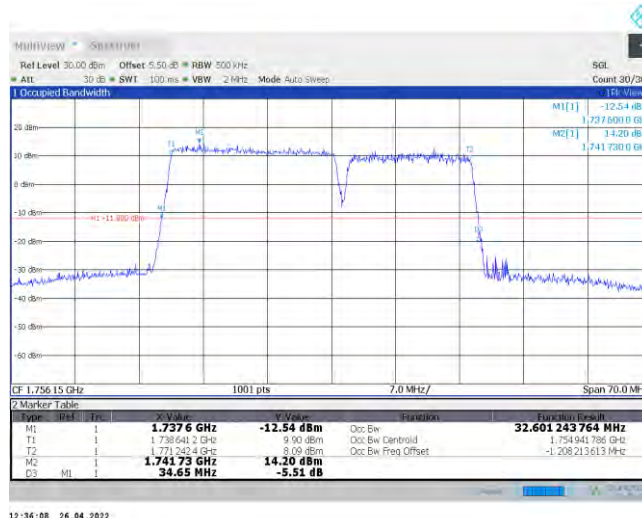
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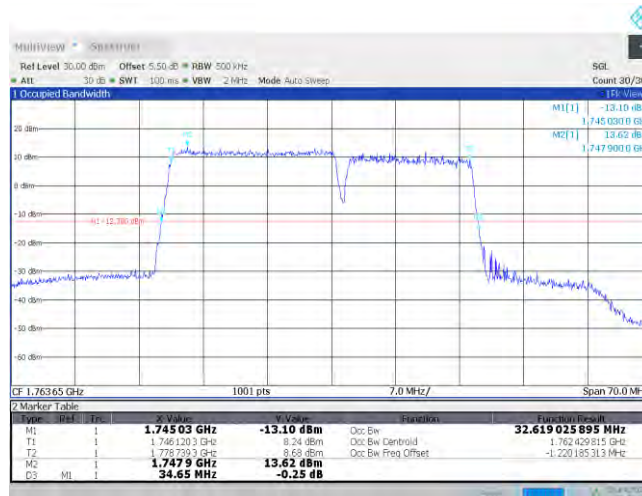
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12:36:08 26.04.2022

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12:38:16 26.04.2022



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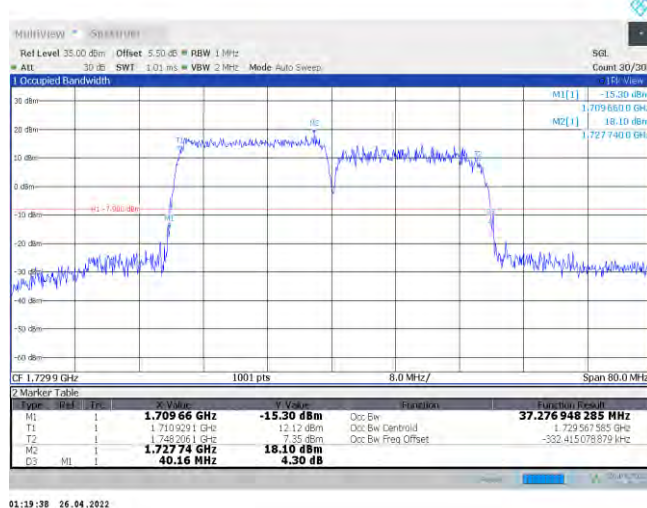
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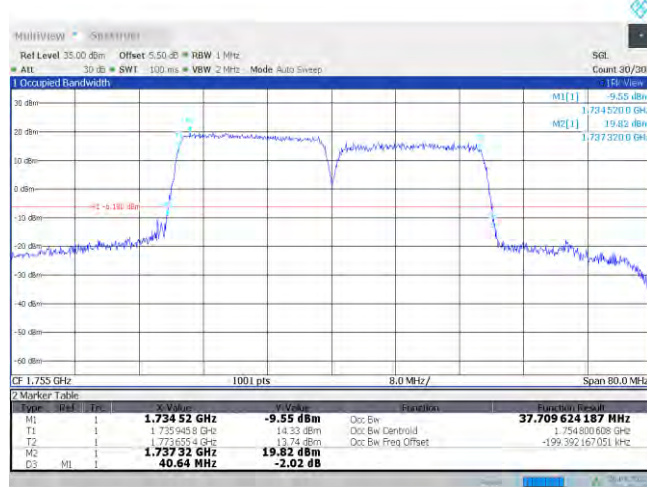
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01:19:38 26.04.2022

66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-100RB#0-100RB#0



01:21:48 26.04.2022



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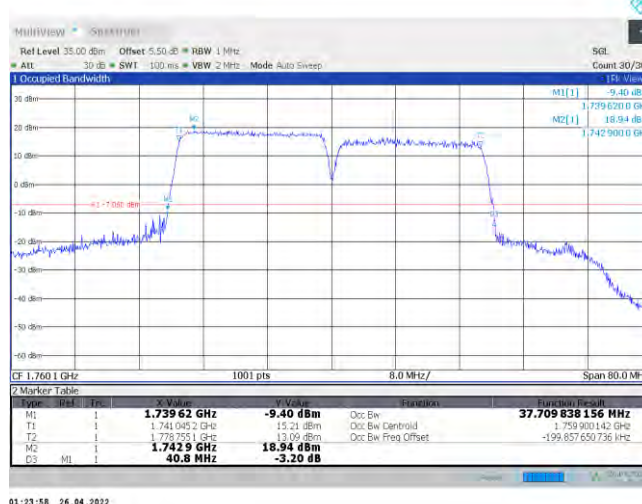
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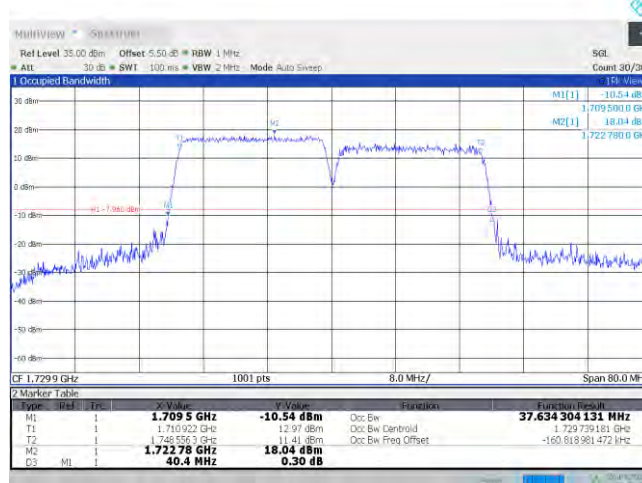
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01:23:58 26.04.2022

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01:20:09 26.04.2022



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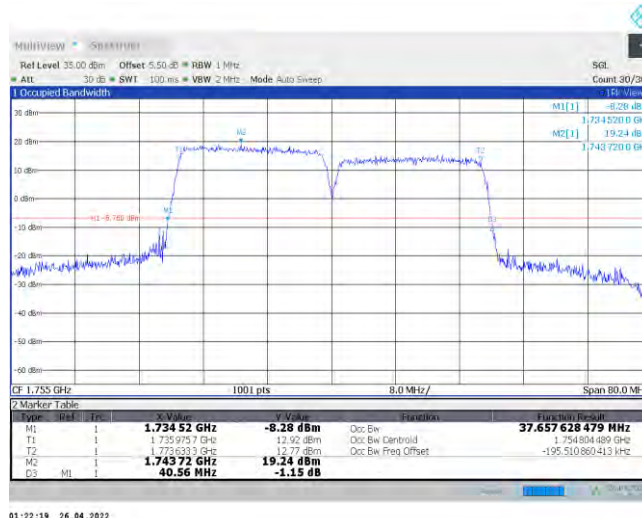
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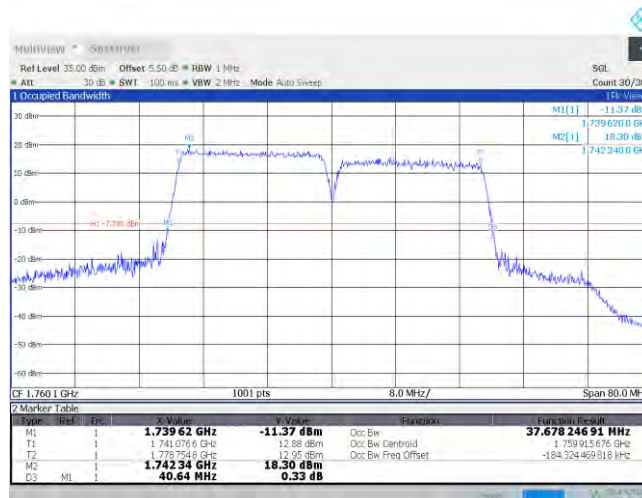
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01:22:19 26.04.2022

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01:24:29 26.04.2022



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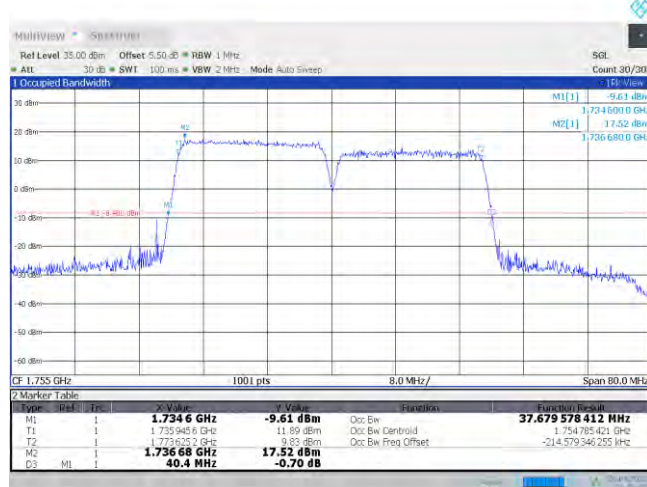
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01:20:40 26.04.2022

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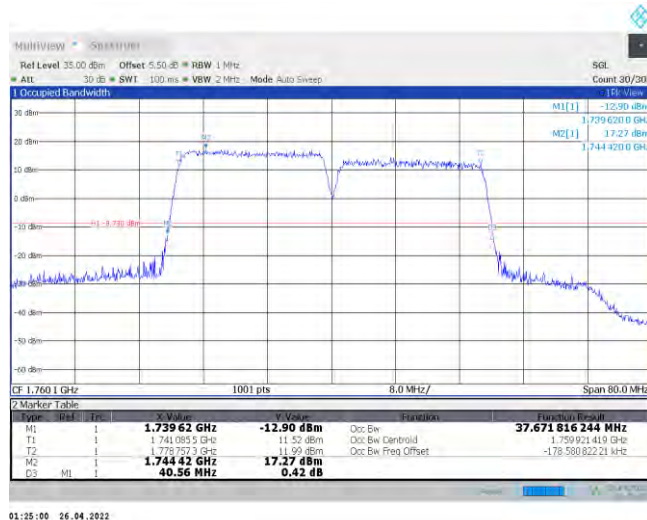
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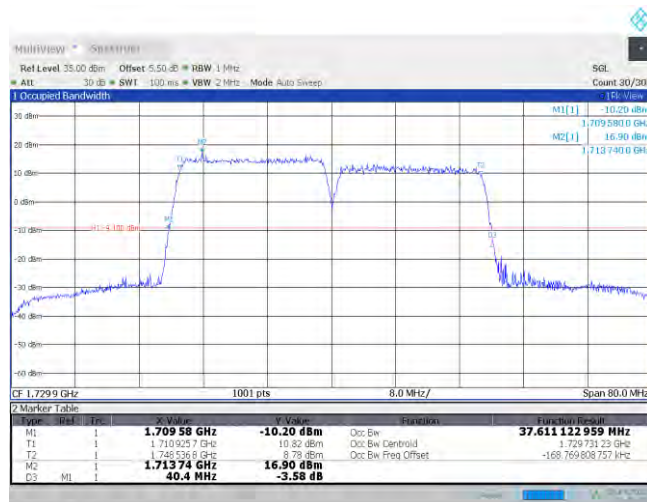
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01:25:00 26.04.2022

66-66-20MHz-20MHz-256QAM-256QAM-132072-132270-100RB#0-100RB#0



01:21:11 26.04.2022



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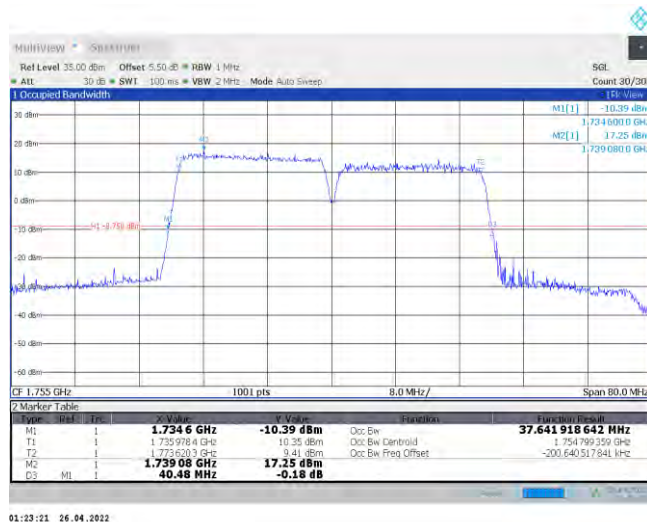
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Rev.: 01

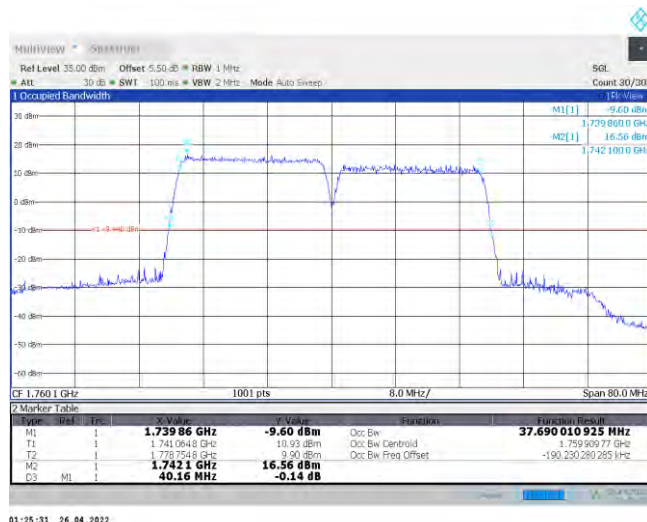
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66-66-20MHz-20MHz-256QAM-256QAM-132323-132521-100RB#0-100RB#0



01:23:21 26.04.2022

66-66-20MHz-20MHz-256QAM-256QAM-132374-132572-100RB#0-100RB#0



01:25:31 26.04.2022



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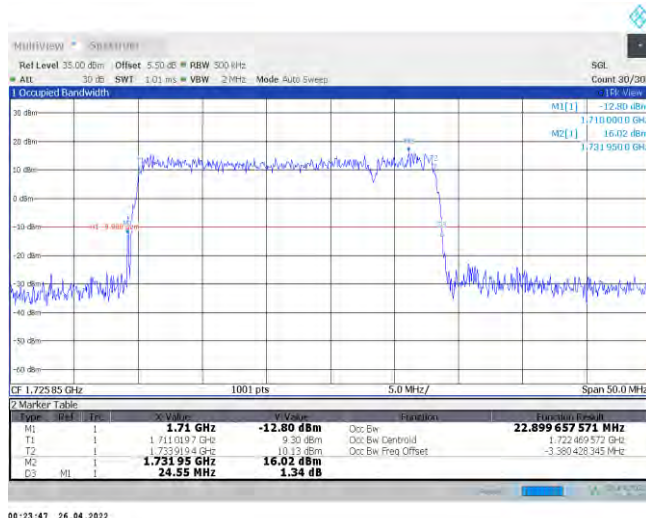
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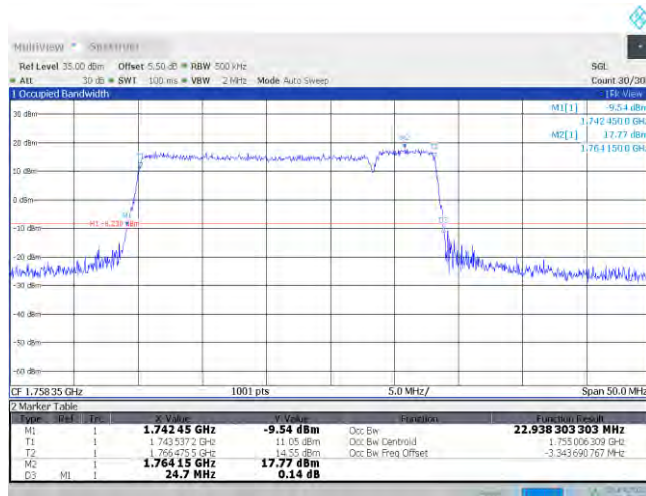
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66-66-20MHz-5MHz-QPSK-QPSK-132072-132189-100RB#0-25RB#0



00:23:47 26.04.2022

66-66-20MHz-5MHz-QPSK-QPSK-132397-132514-100RB#0-25RB#0



00:25:57 26.04.2022



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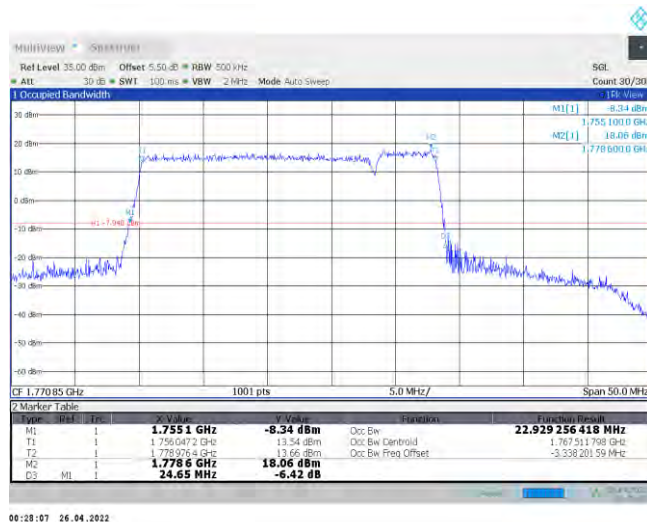
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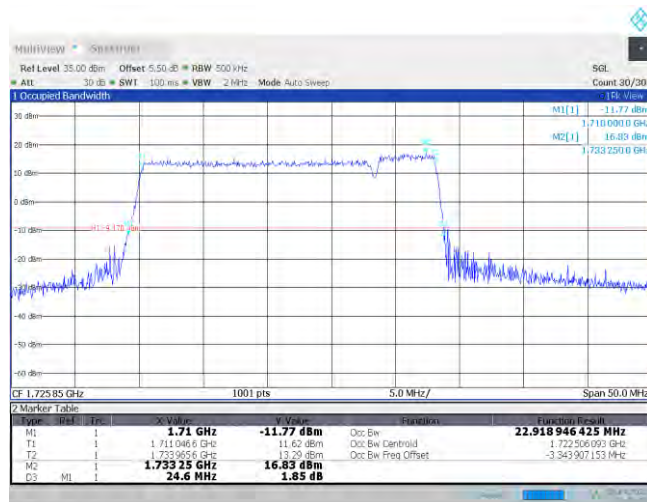
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66-66-20MHz-5MHz-QPSK-QPSK-132522-132639-100RB#0-25RB#0



00:28:07 26.04.2022

66-66-20MHz-5MHz-16QAM-16QAM-132072-132189-100RB#0-25RB#0



00:24:18 26.04.2022



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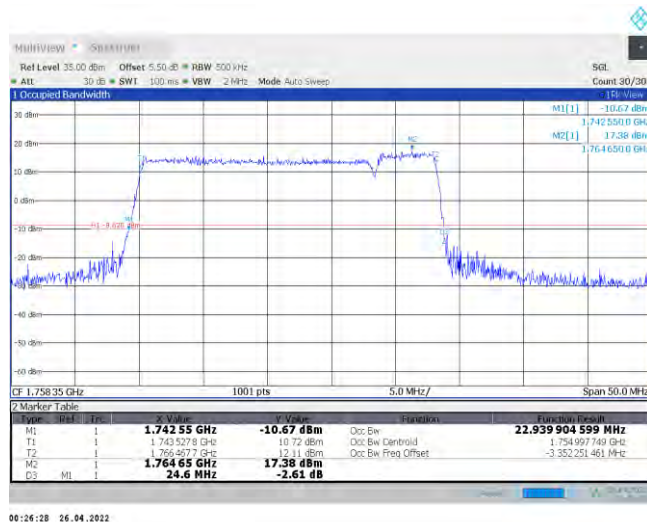
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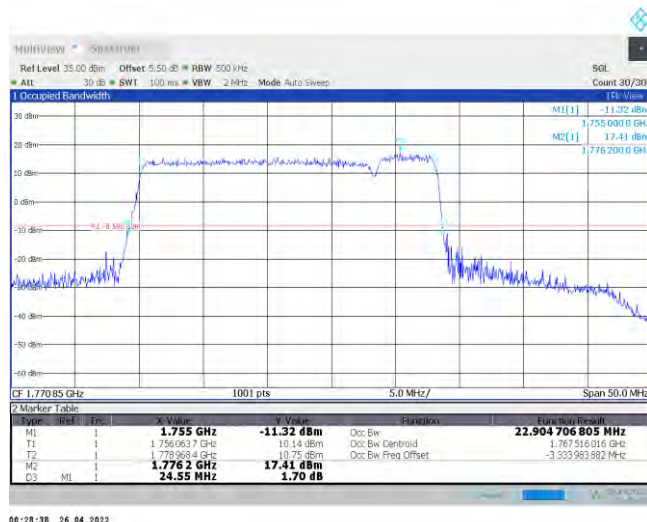
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66-66-20MHz-5MHz-16QAM-16QAM-132397-132514-100RB#0-25RB#0



66-66-20MHz-5MHz-16QAM-16QAM-132522-132639-100RB#0-25RB#0



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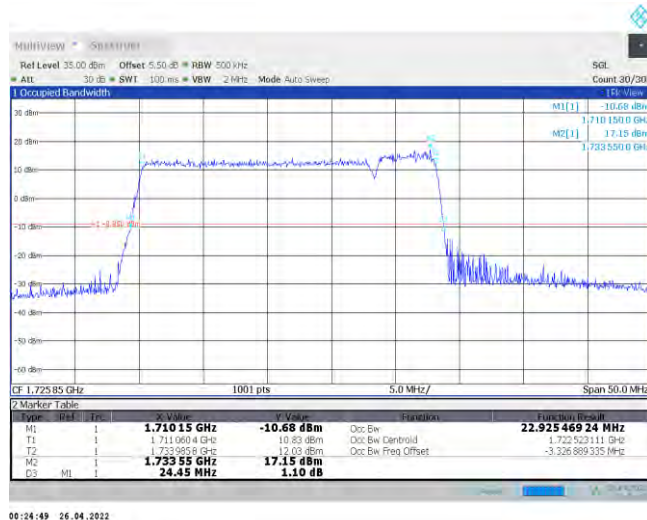
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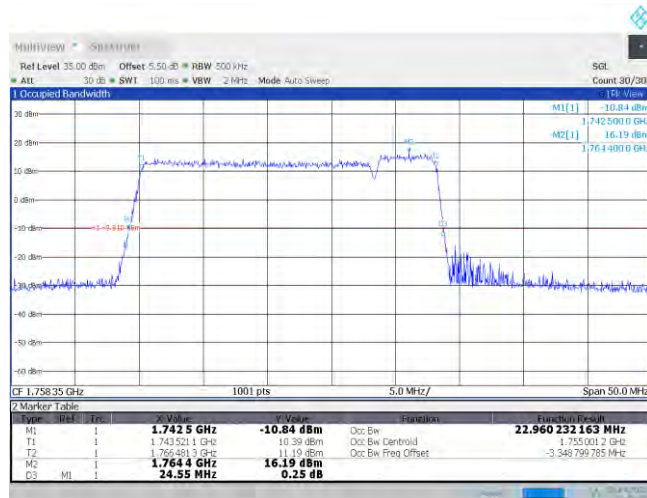
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66-66-20MHz-5MHz-64QAM-64QAM-132072-132189-100RB#0-25RB#0



00:24:49 26.04.2022

66-66-20MHz-5MHz-64QAM-64QAM-132397-132514-100RB#0-25RB#0



00:26:59 26.04.2022



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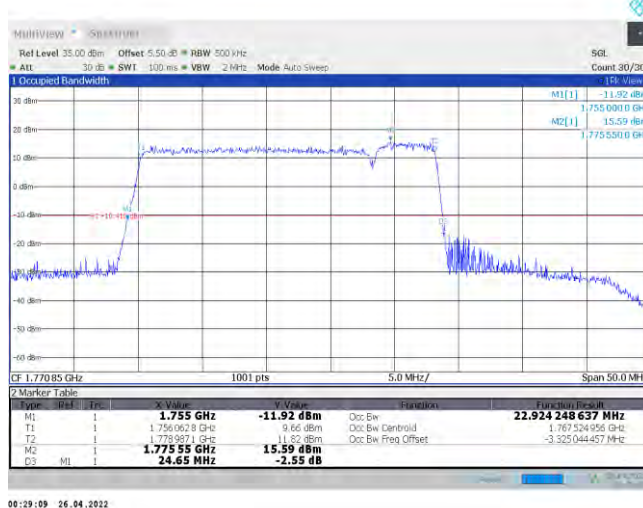
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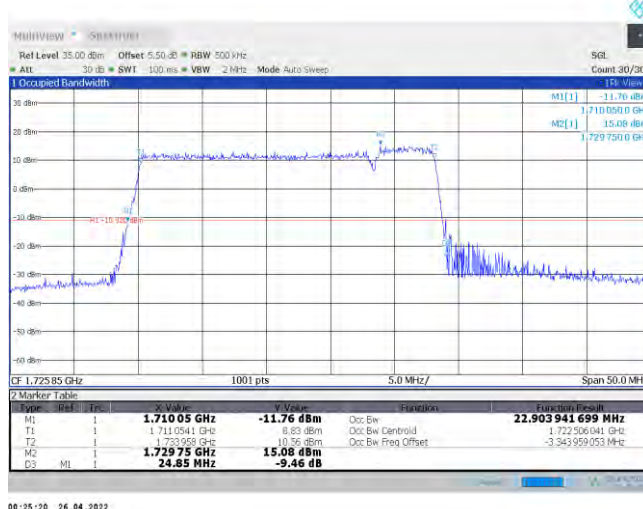
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66-66-20MHz-5MHz-64QAM-64QAM-132522-132639-100RB#0-25RB#0



66-66-20MHz-5MHz-256QAM-256QAM-132072-132189-100RB#0-25RB#0



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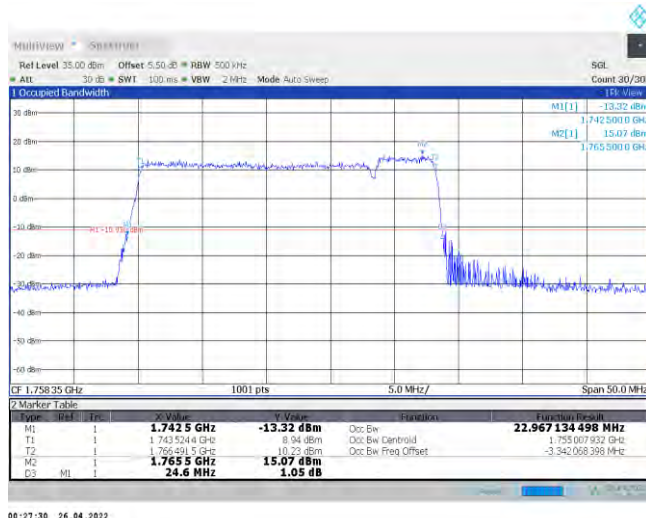
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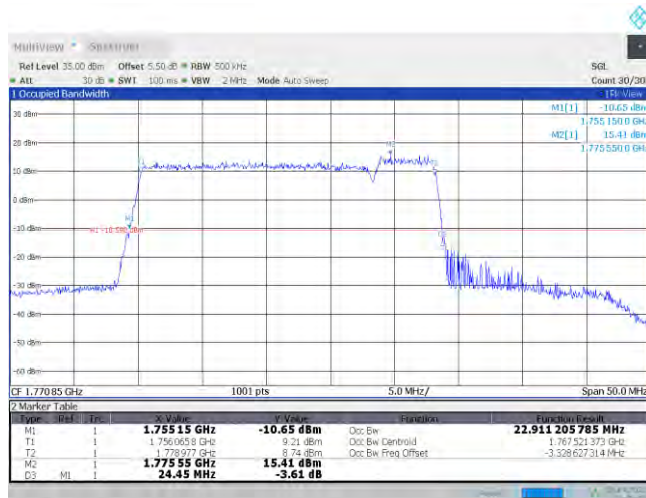
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66-66-20MHz-5MHz-256QAM-256QAM-132397-132514-100RB#0-25RB#0



00:27:30 26.04.2022

66-66-20MHz-5MHz-256QAM-256QAM-132522-132639-100RB#0-25RB#0



00:29:40 26.04.2022



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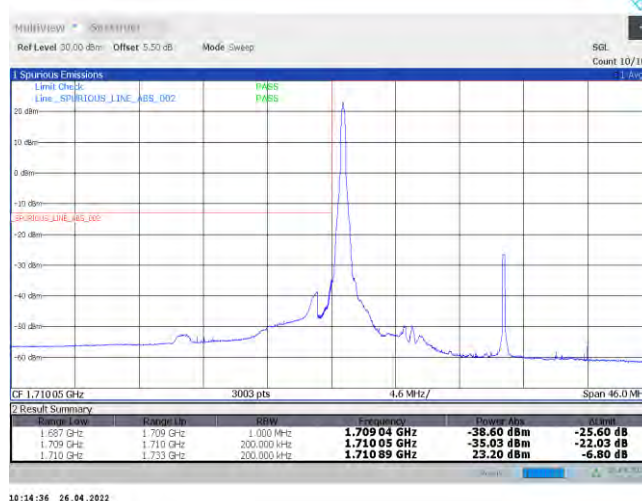
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Band Edge

Test Graphs

66-66-10MHz-15MHz-QPSK-QPSK-132025-132145-1RB#0-0RB#0



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66-66-10MHz-15MHz-QPSK-QPSK-132025-132145-50RB#0-75RB#0



10:15:10 26.04.2022



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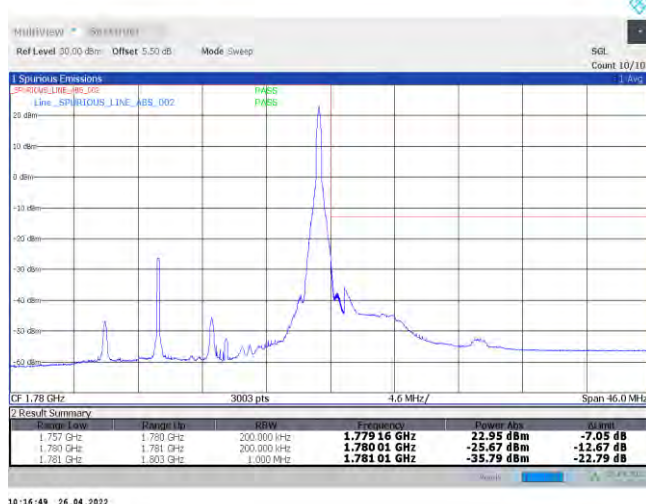
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10:16:49 26.04.2022

66-66-10MHz-15MHz-QPSK-QPSK-132477-132597-50RB#0-75RB#0



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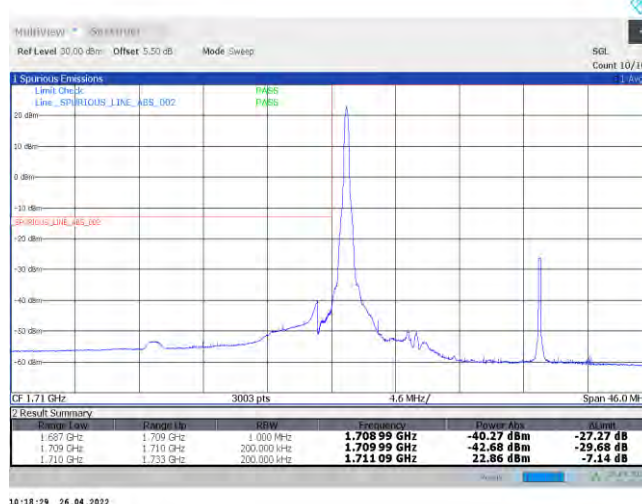
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66-66-10MHz-20MHz-QPSK-QPSK-132027-132171-1RB#0-0RB#0



10:18:29 26.04.2022

66-66-10MHz-20MHz-QPSK-QPSK-132027-132171-50RB#0-100RB#0



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66-66-10MHz-20MHz-QPSK-QPSK-132428-132572-0RB#0-1RB#99



10:20:42 26.04.2022

66-66-10MHz-20MHz-QPSK-QPSK-132428-132572-50RB#0-100RB#0



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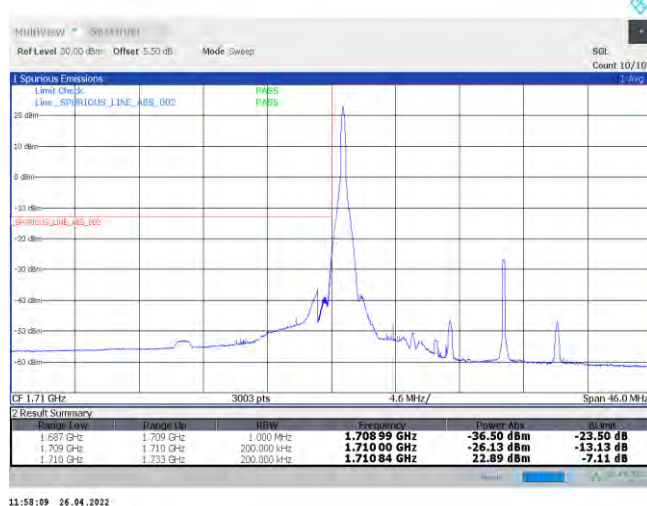
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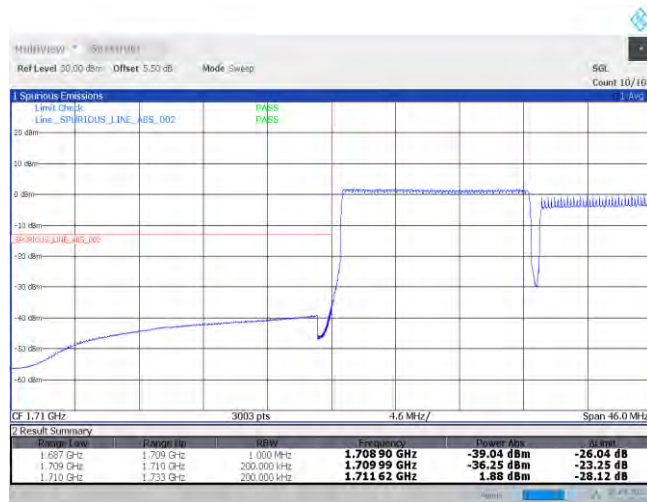
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66-66-15MHz-10MHz-QPSK-QPSK-132047-132167-1RB#0-0RB#0



11:58:09 26.04.2022

66-66-15MHz-10MHz-QPSK-QPSK-132047-132167-75RB#0-50RB#0



11:58:51 26.04.2022



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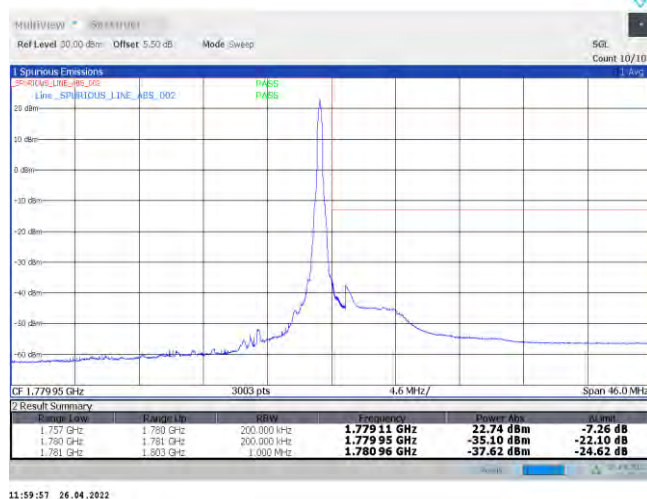
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66-66-15MHz-10MHz-QPSK-QPSK-132499-132619-0RB#0-1RB#49



11:59:57 26.04.2022

66-66-15MHz-10MHz-QPSK-QPSK-132499-132619-75RB#0-50RB#0



12:00:39 26.04.2022



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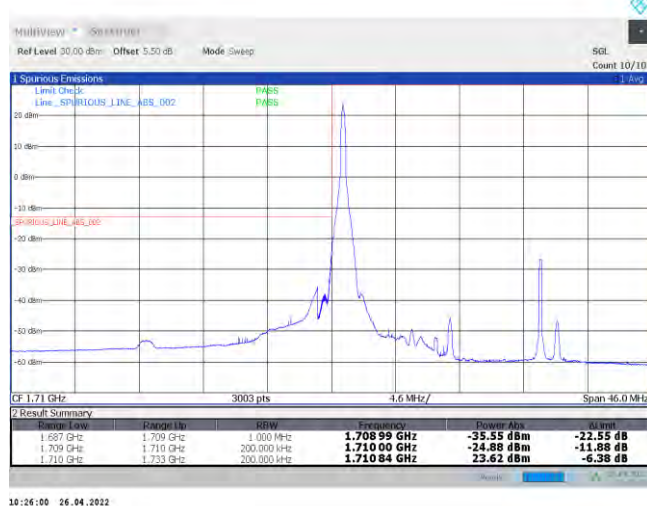
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66-66-15MHz-15MHz-QPSK-QPSK-132047-132197-1RB#0-0RB#0



66-66-15MHz-15MHz-QPSK-QPSK-132047-132197-75RB#0-75RB#0



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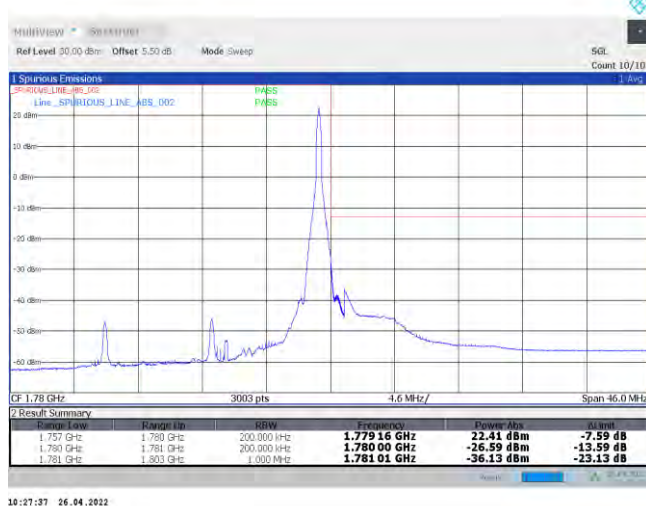
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66-66-15MHz-15MHz-QPSK-QPSK-132447-132597-0RB#0-1RB#74



66-66-15MHz-15MHz-QPSK-QPSK-132447-132597-75RB#0-75RB#0



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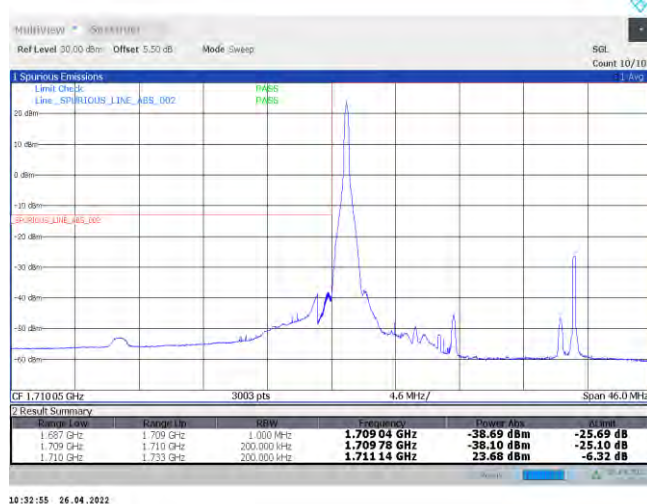
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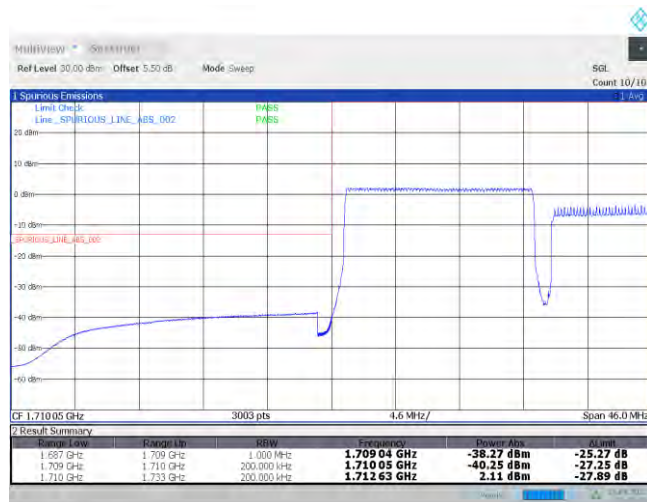
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66-66-15MHz-20MHz-QPSK-QPSK-132050-132221-1RB#0-0RB#0



10:32:55 26.04.2022

66-66-15MHz-20MHz-QPSK-QPSK-132050-132221-75RB#0-100RB#0



10:33:38 26.04.2022



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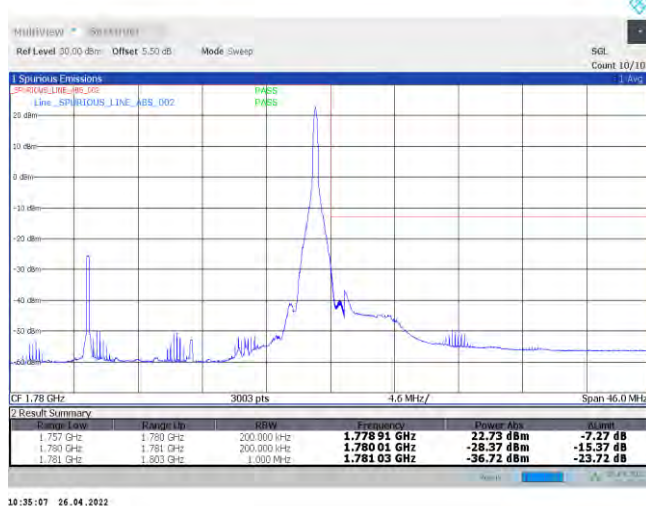
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66-66-15MHz-20MHz-QPSK-QPSK-132401-132572-0RB#0-1RB#99



10:35:07 26.04.2022

66-66-15MHz-20MHz-QPSK-QPSK-132401-132572-75RB#0-100RB#0



10:35:50 26.04.2022



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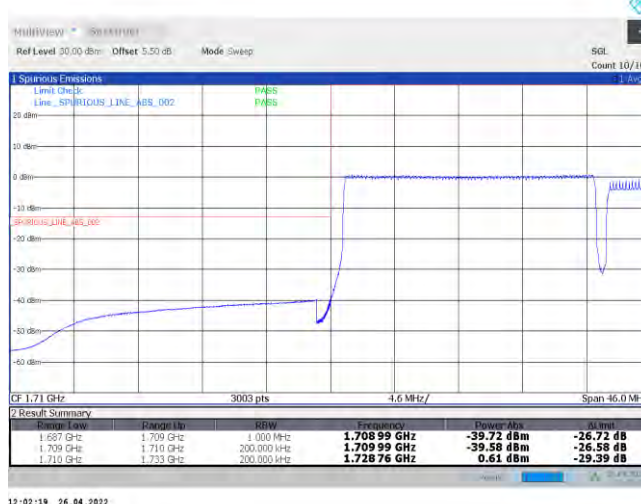
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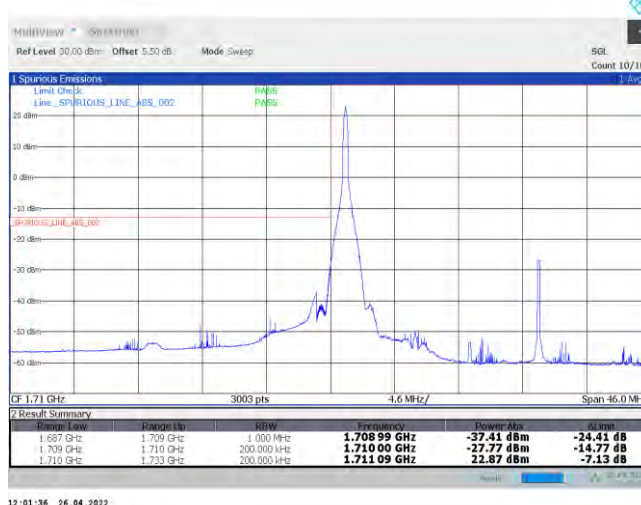
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66-66-20MHz-10MHz-QPSK-QPSK-132072-132216-1RB#0-0RB#0



12:02:19 26.04.2022

6-66-20MHz-10MHz-QPSK-QPSK-132072-132216-100RB#0-50RB#0



12:01:36 26.04.2022



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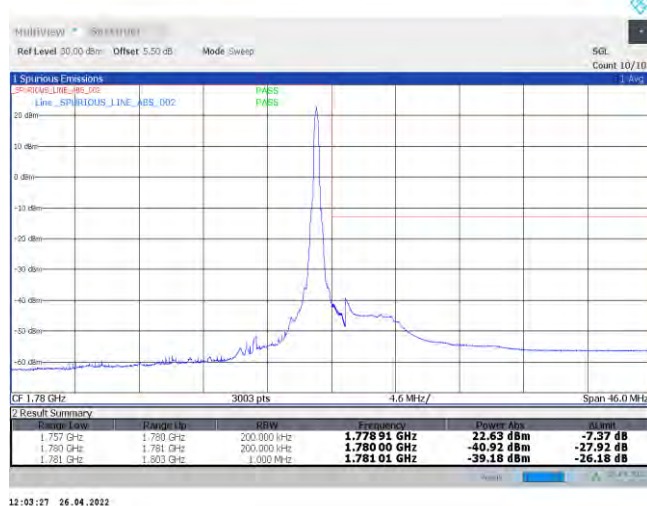
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12:03:27 26.04.2022

66-66-20MHz-10MHz-QPSK-QPSK-132473-132617-100RB#0-50RB#0



12:04:09 26.04.2022



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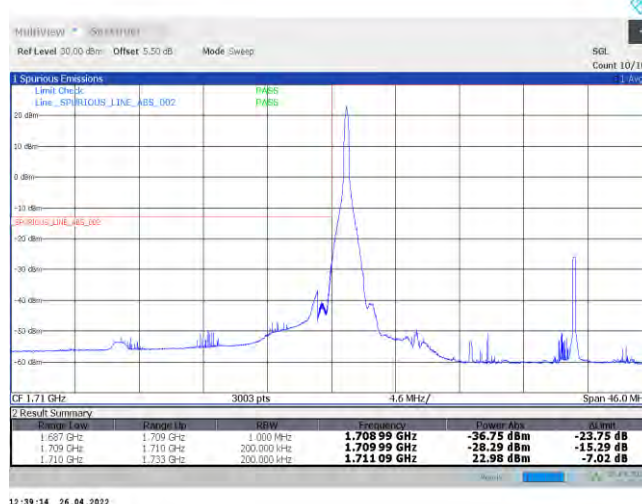
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66-66-20MHz-15MHz-QPSK-QPSK-132072-132243-1RB#0-0RB#0



12:39:14 26.04.2022

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12:39:57 26.04.2022



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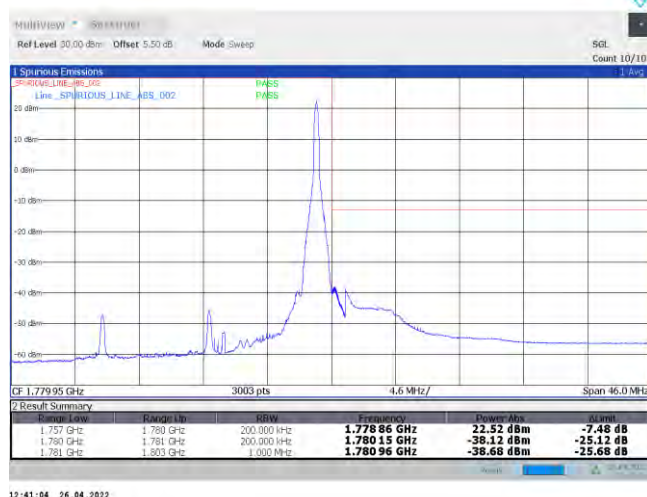
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12:41:04 26.04.2022

66-66-20MHz-15MHz-QPSK-QPSK-132423-132594-100RB#0-75RB#0



12:41:46 26.04.2022



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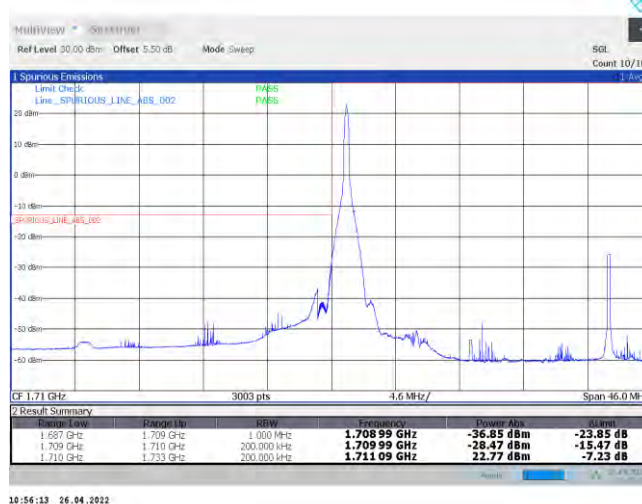
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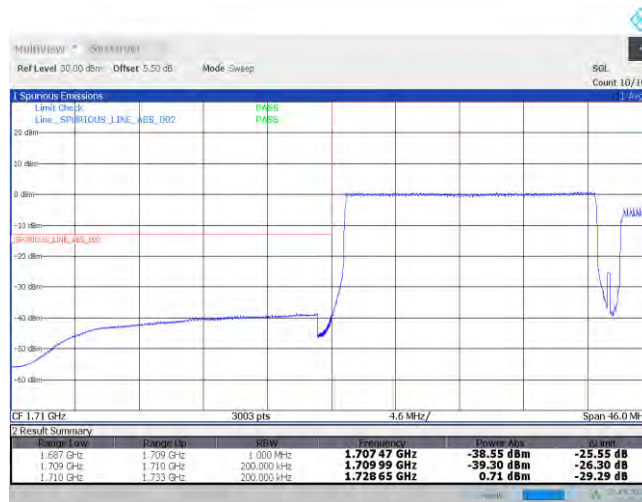
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10:54:13 26.04.2022

66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-1RB#0-0RB#0



10:54:55 26.04.2022



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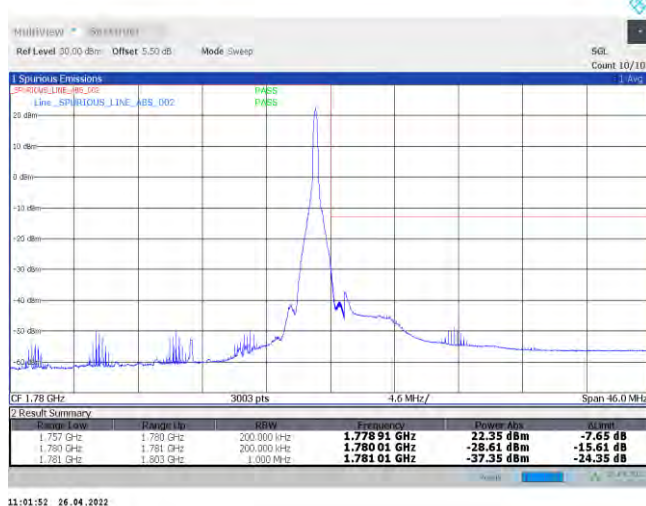
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11:01:52 26.04.2022

66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-100RB#0-100RB#0



11:02:34 26.04.2022



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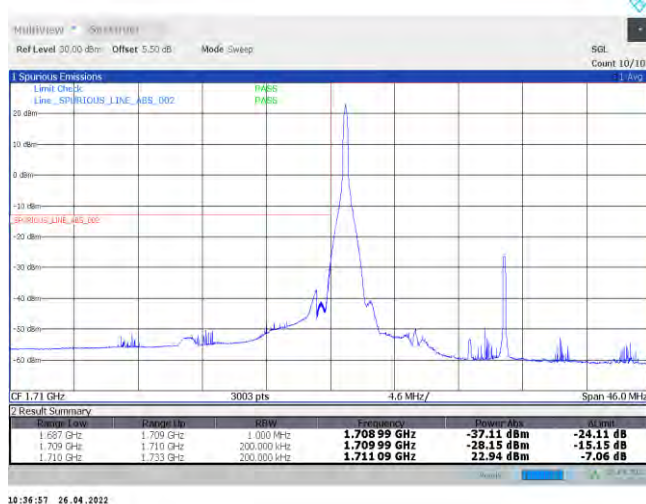
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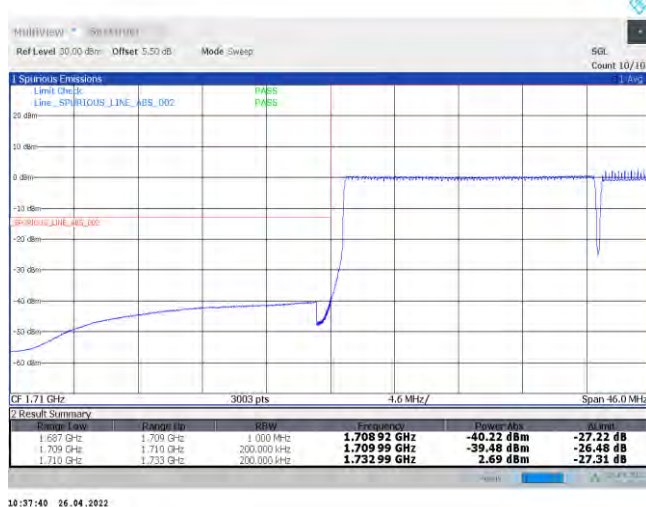
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66-66-20MHz-5MHz-QPSK-QPSK-132072-132189-1RB#0-0RB#0



66-66-20MHz-5MHz-QPSK-QPSK-132072-132189-100RB#0-25RB#0



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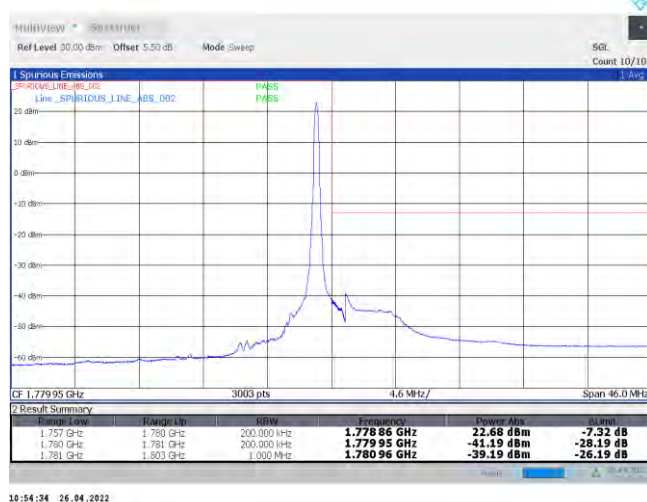
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66-66-20MHz-5MHz-QPSK-QPSK-132522-132639-0RB#0-1RB#24



10:54:34 26.04.2022

66-66-20MHz-5MHz-QPSK-QPSK-132522-132639-100RB#0-25RB#0



10:55:16 26.04.2022



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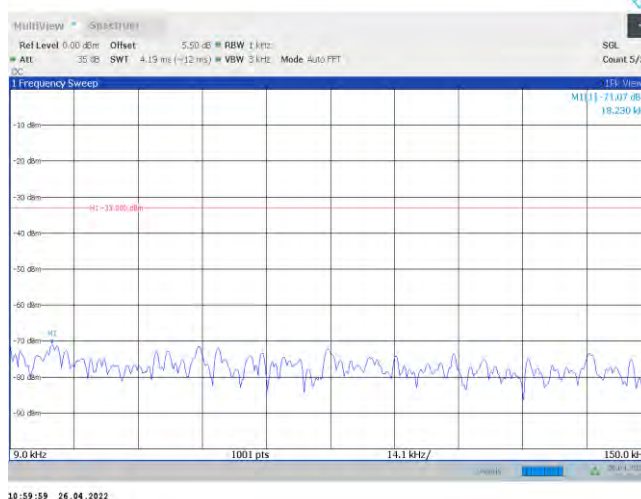
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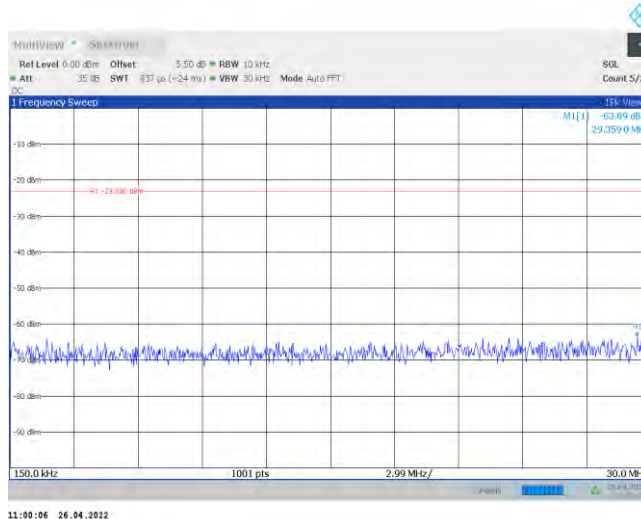
Conducted Spurious Emission

Test Graphs

66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-1RB#0-0RB#0-0.009~0.15MHz



66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-1RB#0-0RB#0-0.15~30MHz



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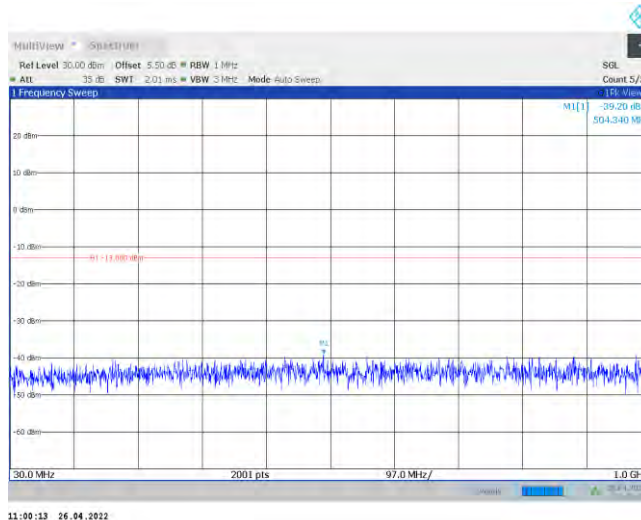
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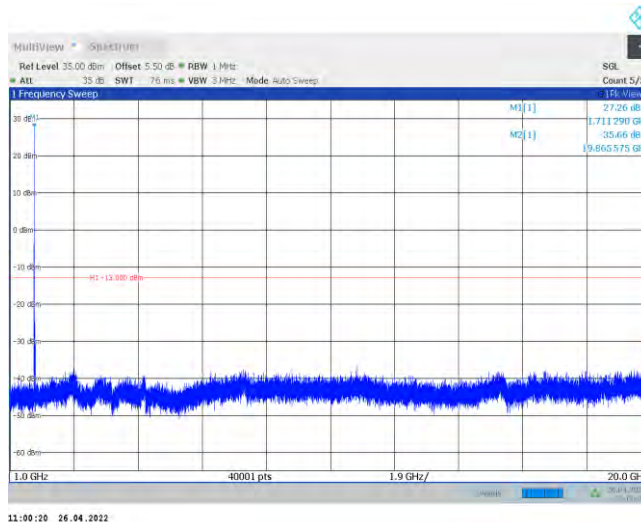
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66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-1RB#0-0RB#0-30~1000MHz



66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-1RB#0-0RB#0-1000~20000MHz



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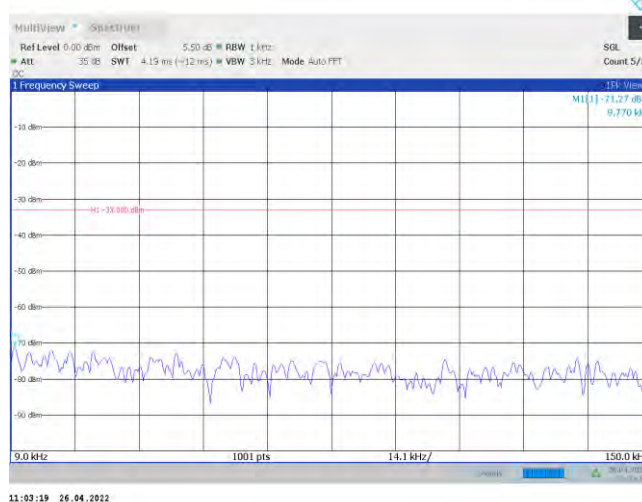
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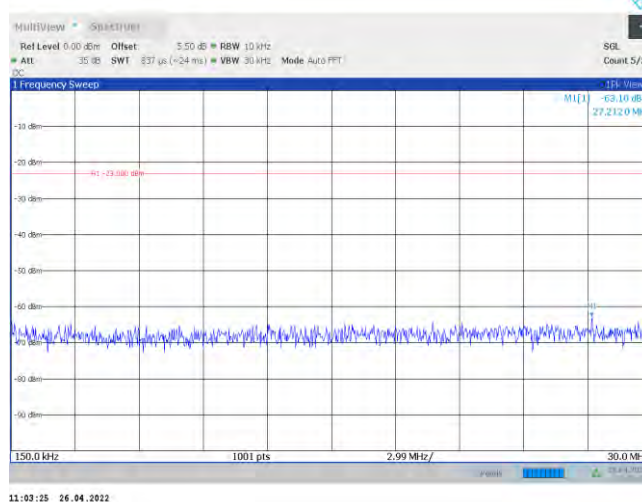
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66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-1RB#0-0RB#0-0.009~0.15MHz



66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-1RB#0-0RB#0-0.15~30MHz



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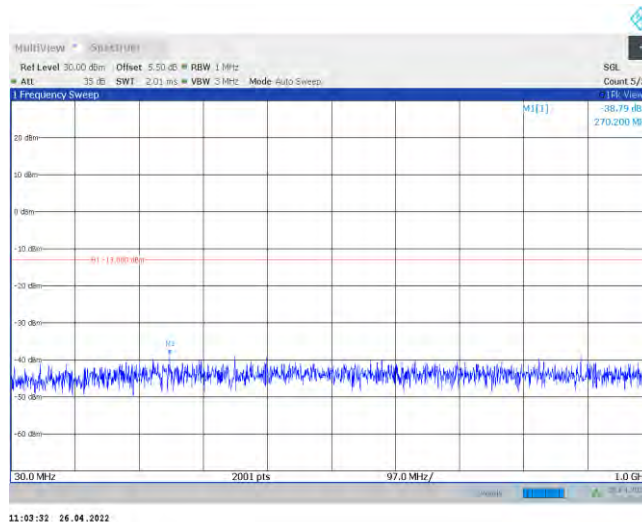
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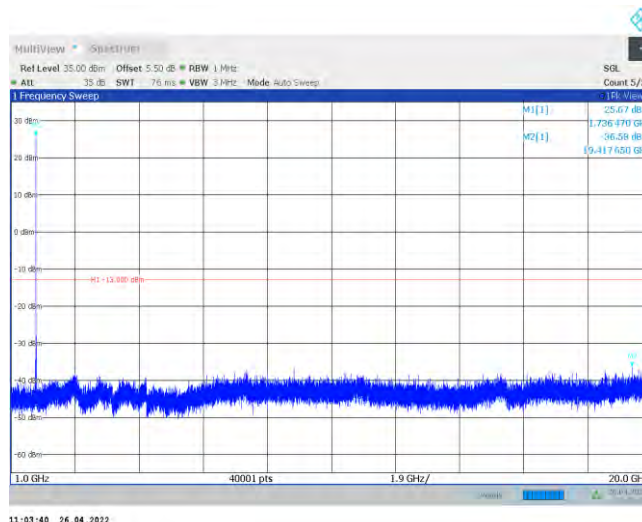
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66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-1RB#0-0RB#0-30~1000MHz



66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-1RB#0-0RB#0-1000~20000MHz



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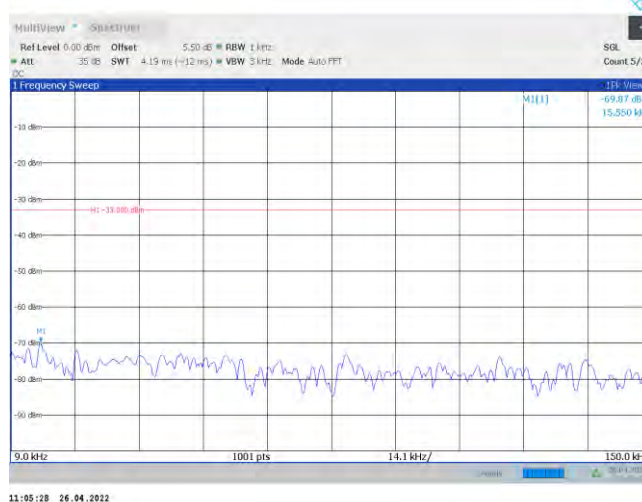
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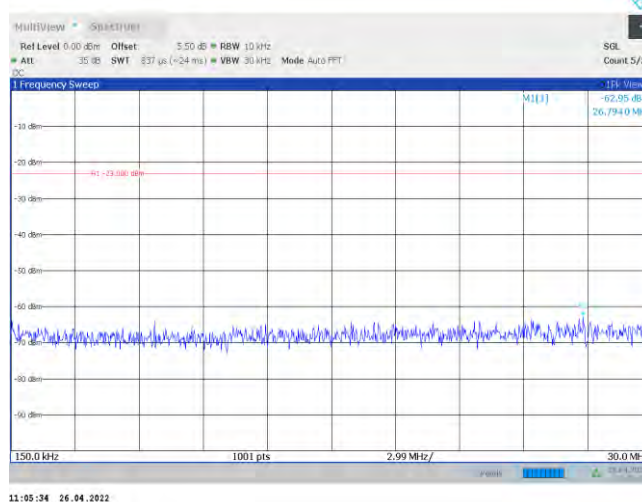
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66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB#0-0RB#0-0.009~0.15MHz



66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB#0-0RB#0-0.15~30MHz



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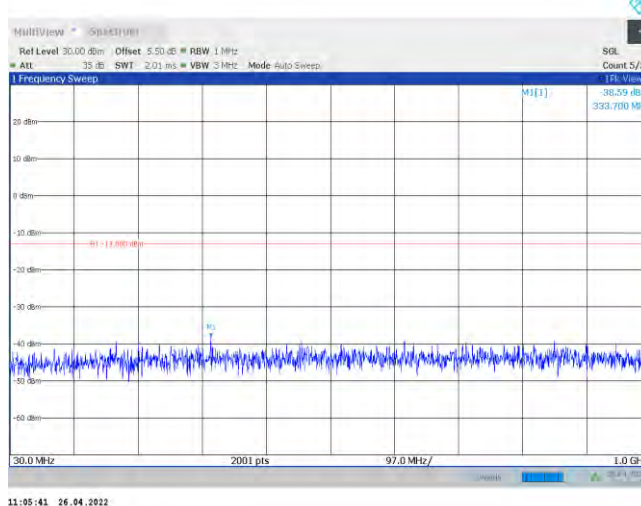
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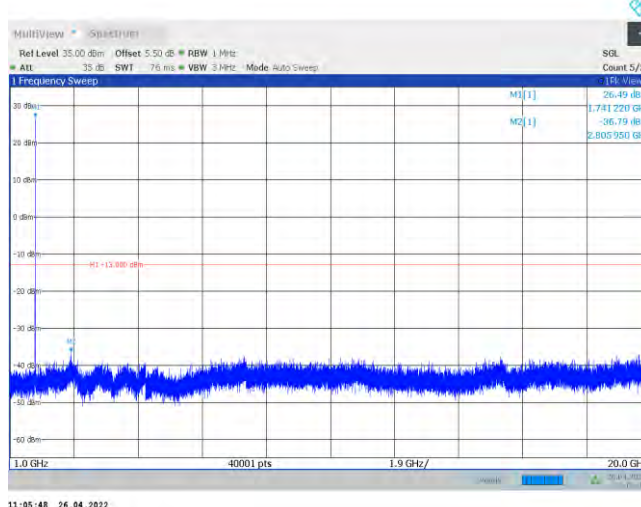
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66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB#0-0RB#0-30~1000MHz



66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB#0-0RB#0-1000~20000MHz



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Field Strength of Spurious Radiation

Test Band = UL CA Band 66C_ TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3424.1800	42.00	-46.28	29.45	-70.08	-13.00	57.08	152	118	Horizontal
2	5131.7700	39.45	-45.34	32.95	-68.20	-13.00	55.20	142	245	Horizontal
3	6842.3600	39.09	-44.14	35.89	-64.42	-13.00	51.42	169	136	Horizontal
4	8552.9500	36.47	-41.47	37.65	-62.61	-13.00	49.61	182	211	Horizontal
5	10263.5400	32.41	-39.24	38.83	-63.26	-13.00	50.26	142	360	Horizontal
6	11974.1300	29.19	-37.49	38.94	-64.62	-13.00	51.62	136	134	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3424.1800	40.65	-46.28	29.45	-71.43	-13.00	58.43	211	59	Vertical
2	5131.7700	40.04	-45.34	32.95	-67.61	-13.00	54.61	165	254	Vertical
3	6842.3600	39.19	-44.14	35.89	-64.32	-13.00	51.32	184	329	Vertical
4	8552.9500	36.23	-41.47	37.65	-62.85	-13.00	49.85	175	285	Vertical
5	10263.5400	32.68	-39.24	38.83	-62.99	-13.00	49.99	169	208	Vertical
6	11974.1300	29.02	-37.49	38.94	-64.79	-13.00	51.79	251	73	Vertical



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Test Band = UL CA Band 66C_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3491.3800	42.30	-46.26	29.51	-69.71	-13.00	56.71	211	314	Horizontal
2	5237.0700	41.50	-45.21	32.95	-66.01	-13.00	53.01	154	343	Horizontal
3	6982.7600	40.14	-43.64	36.06	-62.70	-13.00	49.70	185	360	Horizontal
4	8728.4500	35.92	-41.56	37.96	-62.94	-13.00	49.94	196	120	Horizontal
5	10474.1400	32.82	-38.85	38.93	-62.36	-13.00	49.36	305	255	Horizontal
6	12219.8300	30.60	-37.47	39.12	-63.01	-13.00	50.01	177	74	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3491.3800	42.16	-46.26	29.51	-69.85	-13.00	56.85	244	150	Vertical
2	5237.0700	40.17	-45.21	32.95	-67.34	-13.00	54.34	159	30	Vertical
3	6982.7600	38.60	-43.64	36.06	-64.24	-13.00	51.24	186	104	Vertical
4	8728.4500	35.58	-41.56	37.96	-63.28	-13.00	50.28	251	360	Vertical
5	10474.1400	32.93	-38.85	38.93	-62.25	-13.00	49.25	142	360	Vertical
6	12219.8300	31.02	-37.47	39.12	-62.59	-13.00	49.59	260	121	Vertical



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Test Band = UL CA Band 66C_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3521.3800	44.02	-46.23	29.54	-67.93	-13.00	54.93	245	351	Horizontal
2	5282.0700	39.45	-45.12	32.91	-68.02	-13.00	55.02	136	360	Horizontal
3	7042.7600	39.20	-43.84	36.19	-63.70	-13.00	50.70	258	43	Horizontal
4	8803.4500	36.69	-41.25	38.08	-61.74	-13.00	48.74	195	134	Horizontal
5	10564.1400	32.26	-38.59	39.02	-62.56	-13.00	49.56	142	329	Horizontal
6	12324.8300	30.11	-37.45	39.09	-63.51	-13.00	50.51	136	298	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3521.3800	42.38	-46.23	29.54	-69.57	-13.00	56.57	177	88	Vertical
2	5283	47.50	-45.12	32.91	-59.97	-13.00	46.97	145	209	Vertical
3	7042.7600	38.92	-43.84	36.19	-63.98	-13.00	50.98	261	15	Vertical
4	8803.4500	36.32	-41.25	38.08	-62.11	-13.00	49.11	185	26	Vertical
5	10564.1400	32.03	-38.59	39.02	-62.79	-13.00	49.79	169	43	Vertical
6	12324.8300	29.78	-37.45	39.09	-63.84	-13.00	50.84	192	360	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	VH	NT	43.50	0.024927	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	VL	NT	46.50	0.026646	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	VN	NT	47.20	0.027047	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	50	43.50	0.024927	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	40	39.30	0.022520	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	30	37.30	0.021374	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	20	46.10	0.026417	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	10	49.20	0.028193	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	0	45.50	0.026073	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	-10	42.40	0.024297	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	-20	42.80	0.024526	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	NV	-30	43.20	0.024755	PASS

---End of Attachment---



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