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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	23.22	24.69	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132025-132145	50RB#0-75RB#0	20.4	21.87	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132351-132471	1RB#0-0RB#0	24.16	25.63	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132351-132471	50RB#0-75RB#0	21.08	22.55	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132477-132597	1RB#0-0RB#0	23.45	24.92	30	PASS
66-66	10MHz-15MHz	QPSK-QPSK	132477-132597	50RB#0-75RB#0	20.93	22.4	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132025-132145	1RB#0-0RB#0	21.9	23.37	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132025-132145	50RB#0-75RB#0	19.38	20.85	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132351-132471	1RB#0-0RB#0	22.97	24.44	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132351-132471	50RB#0-75RB#0	20.17	21.64	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132477-132597	1RB#0-0RB#0	22.14	23.61	30	PASS
66-66	10MHz-15MHz	16QAM-16QAM	132477-132597	50RB#0-75RB#0	20.02	21.49	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132025-132145	1RB#0-0RB#0	20.93	22.4	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132025-132145	50RB#0-75RB#0	18.53	20	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132351-132471	1RB#0-0RB#0	21.93	23.4	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132351-132471	50RB#0-75RB#0	19.14	20.61	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132477-132597	1RB#0-0RB#0	21.1	22.57	30	PASS
66-66	10MHz-15MHz	64QAM-64QAM	132477-132597	50RB#0-75RB#0	19.06	20.53	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132025-132145	1RB#0-0RB#0	18	19.47	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132025-132145	50RB#0-75RB#0	17.68	19.15	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132351-132471	1RB#0-0RB#0	18.95	20.42	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132351-132471	50RB#0-75RB#0	18.22	19.69	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132477-132597	1RB#0-0RB#0	18.07	19.54	30	PASS
66-66	10MHz-15MHz	256QAM-256QAM	132477-132597	50RB#0-75RB#0	18.14	19.61	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132027-132171	1RB#0-0RB#0	24	25.47	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132027-132171	50RB#0-100RB#0	20.74	22.21	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132328-132472	1RB#0-0RB#0	24.48	25.95	30	PASS



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66-66	10MHz-20MHz	QPSK-QPSK	132328-132472	50RB#0-100RB#0	21.37	22.84	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132428-132572	1RB#0-0RB#0	23.6	25.07	30	PASS
66-66	10MHz-20MHz	QPSK-QPSK	132428-132572	50RB#0-100RB#0	20.94	22.41	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132027-132171	1RB#0-0RB#0	22.49	23.96	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132027-132171	50RB#0-100RB#0	19.79	21.26	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132328-132472	1RB#0-0RB#0	23.19	24.66	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132328-132472	50RB#0-100RB#0	20.39	21.86	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132428-132572	1RB#0-0RB#0	22.26	23.73	30	PASS
66-66	10MHz-20MHz	16QAM-16QAM	132428-132572	50RB#0-100RB#0	20.02	21.49	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132027-132171	1RB#0-0RB#0	21.31	22.78	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132027-132171	50RB#0-100RB#0	18.84	20.31	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132328-132472	1RB#0-0RB#0	22.18	23.65	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132328-132472	50RB#0-100RB#0	19.47	20.94	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132428-132572	1RB#0-0RB#0	21.23	22.7	30	PASS
66-66	10MHz-20MHz	64QAM-64QAM	132428-132572	50RB#0-100RB#0	19.07	20.54	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132027-132171	1RB#0-0RB#0	18.34	19.81	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132027-132171	50RB#0-100RB#0	17.88	19.35	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132328-132472	1RB#0-0RB#0	19.3	20.77	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132328-132472	50RB#0-100RB#0	18.54	20.01	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132428-132572	1RB#0-0RB#0	18.24	19.71	30	PASS
66-66	10MHz-20MHz	256QAM-256QAM	132428-132572	50RB#0-100RB#0	18.18	19.65	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132047-132167	1RB#0-0RB#0	24.44	25.91	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132047-132167	75RB#0-50RB#0	20.54	22.01	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132373-132493	1RB#0-0RB#0	24	25.47	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132373-132493	75RB#0-50RB#0	20.83	22.3	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132499-132619	1RB#0-0RB#0	23.21	24.68	30	PASS
66-66	15MHz-10MHz	QPSK-QPSK	132499-132619	75RB#0-50RB#0	20.93	22.4	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132047-132167	1RB#0-0RB#0	22.55	24.02	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132047-132167	75RB#0-50RB#0	19.47	20.94	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132373-132493	1RB#0-0RB#0	22.69	24.16	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132373-132493	75RB#0-50RB#0	19.87	21.34	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132499-132619	1RB#0-0RB#0	21.87	23.34	30	PASS
66-66	15MHz-10MHz	16QAM-16QAM	132499-132619	75RB#0-50RB#0	19.98	21.45	30	PASS



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66-66	15MHz-10MHz	64QAM-64QAM	132047-132167	1RB#0-0RB#0	21.2	22.67	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132047-132167	75RB#0-50RB#0	18.5	19.97	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132373-132493	1RB#0-0RB#0	21.8	23.27	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132373-132493	75RB#0-50RB#0	19	20.47	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132499-132619	1RB#0-0RB#0	20.93	22.4	30	PASS
66-66	15MHz-10MHz	64QAM-64QAM	132499-132619	75RB#0-50RB#0	19.08	20.55	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132047-132167	1RB#0-0RB#0	18.24	19.71	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132047-132167	75RB#0-50RB#0	17.58	19.05	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132373-132493	1RB#0-0RB#0	18.62	20.09	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132373-132493	75RB#0-50RB#0	18.1	19.57	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132499-132619	1RB#0-0RB#0	17.87	19.34	30	PASS
66-66	15MHz-10MHz	256QAM-256QAM	132499-132619	75RB#0-50RB#0	18.12	19.59	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132047-132197	1RB#0-0RB#0	23.74	25.21	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132047-132197	75RB#0-75RB#0	20.77	22.24	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132347-132497	1RB#0-0RB#0	23.76	25.23	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132347-132497	75RB#0-75RB#0	21.15	22.62	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132447-132597	1RB#0-0RB#0	23.51	24.98	30	PASS
66-66	15MHz-15MHz	QPSK-QPSK	132447-132597	75RB#0-75RB#0	20.93	22.4	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132047-132197	1RB#0-0RB#0	22.24	23.71	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132047-132197	75RB#0-75RB#0	19.79	21.26	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132347-132497	1RB#0-0RB#0	22.8	24.27	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132347-132497	75RB#0-75RB#0	20.24	21.71	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132447-132597	1RB#0-0RB#0	22.11	23.58	30	PASS
66-66	15MHz-15MHz	16QAM-16QAM	132447-132597	75RB#0-75RB#0	19.93	21.4	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132047-132197	1RB#0-0RB#0	21.14	22.61	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132047-132197	75RB#0-75RB#0	18.85	20.32	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132347-132497	1RB#0-0RB#0	21.9	23.37	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132347-132497	75RB#0-75RB#0	19.37	20.84	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132447-132597	1RB#0-0RB#0	21.18	22.65	30	PASS
66-66	15MHz-15MHz	64QAM-64QAM	132447-132597	75RB#0-75RB#0	19.06	20.53	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132047-132197	1RB#0-0RB#0	18.22	19.69	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132047-132197	75RB#0-75RB#0	17.99	19.46	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132347-132497	1RB#0-0RB#0	19.09	20.56	30	PASS



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66-66	15MHz-15MHz	256QAM-256QAM	132347-132497	75RB#0-75RB#0	18.39	19.86	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132447-132597	1RB#0-0RB#0	18.26	19.73	30	PASS
66-66	15MHz-15MHz	256QAM-256QAM	132447-132597	75RB#0-75RB#0	18.19	19.66	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132050-132221	1RB#0-0RB#0	23.9	25.37	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132050-132221	75RB#0-100RB#0	20.82	22.29	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132325-132496	1RB#0-0RB#0	24.7	26.17	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132325-132496	75RB#0-100RB#0	21.38	22.85	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132401-132572	1RB#0-0RB#0	23.99	25.46	30	PASS
66-66	15MHz-20MHz	QPSK-QPSK	132401-132572	75RB#0-100RB#0	20.95	22.42	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132050-132221	1RB#0-0RB#0	22.38	23.85	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132050-132221	75RB#0-100RB#0	19.82	21.29	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132325-132496	1RB#0-0RB#0	23.35	24.82	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132325-132496	75RB#0-100RB#0	20.4	21.87	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132401-132572	1RB#0-0RB#0	22.76	24.23	30	PASS
66-66	15MHz-20MHz	16QAM-16QAM	132401-132572	75RB#0-100RB#0	20.06	21.53	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132050-132221	1RB#0-0RB#0	21.25	22.72	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132050-132221	75RB#0-100RB#0	18.87	20.34	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132325-132496	1RB#0-0RB#0	22.3	23.77	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132325-132496	75RB#0-100RB#0	19.5	20.97	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132401-132572	1RB#0-0RB#0	21.53	23	30	PASS
66-66	15MHz-20MHz	64QAM-64QAM	132401-132572	75RB#0-100RB#0	19.12	20.59	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132050-132221	1RB#0-0RB#0	18.3	19.77	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132050-132221	75RB#0-100RB#0	17.97	19.44	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132325-132496	1RB#0-0RB#0	19.23	20.7	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132325-132496	75RB#0-100RB#0	18.55	20.02	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132401-132572	1RB#0-0RB#0	18.68	20.15	30	PASS
66-66	15MHz-20MHz	256QAM-256QAM	132401-132572	75RB#0-100RB#0	18.17	19.64	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132072-132216	100RB#0-50RB#0	20.75	22.22	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132072-132216	1RB#0-0RB#0	24.03	25.5	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132373-132517	100RB#0-50RB#0	21.1	22.57	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132373-132517	1RB#0-0RB#0	22.14	23.61	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132473-132617	100RB#0-50RB#0	21.02	22.49	30	PASS
66-66	20MHz-10MHz	QPSK-QPSK	132473-132617	1RB#0-0RB#0	22.16	23.63	30	PASS



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66-66	20MHz-10MHz	16QAM-16QAM	132072-132216	100RB#0-50RB#0	19.68	21.15	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132072-132216	1RB#0-0RB#0	22.39	23.86	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132373-132517	100RB#0-50RB#0	20.07	21.54	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132373-132517	1RB#0-0RB#0	23.27	24.74	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132473-132617	100RB#0-50RB#0	19.99	21.46	30	PASS
66-66	20MHz-10MHz	16QAM-16QAM	132473-132617	1RB#0-0RB#0	22.29	23.76	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132072-132216	100RB#0-50RB#0	18.72	20.19	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132072-132216	1RB#0-0RB#0	21.28	22.75	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132373-132517	100RB#0-50RB#0	19.09	20.56	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132373-132517	1RB#0-0RB#0	22.07	23.54	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132473-132617	100RB#0-50RB#0	19.06	20.53	30	PASS
66-66	20MHz-10MHz	64QAM-64QAM	132473-132617	1RB#0-0RB#0	21.1	22.57	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132072-132216	100RB#0-50RB#0	17.84	19.31	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132072-132216	1RB#0-0RB#0	18.05	19.52	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132373-132517	100RB#0-50RB#0	18.15	19.62	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132373-132517	1RB#0-0RB#0	19.11	20.58	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132473-132617	100RB#0-50RB#0	18.17	19.64	30	PASS
66-66	20MHz-10MHz	256QAM-256QAM	132473-132617	1RB#0-0RB#0	18.25	19.72	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132072-132243	100RB#0-75RB#0	20.79	22.26	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132072-132243	1RB#0-0RB#0	24.06	25.53	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132348-132519	100RB#0-75RB#0	21.08	22.55	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132348-132519	1RB#0-0RB#0	24.25	25.72	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132423-132594	100RB#0-75RB#0	20.8	22.27	30	PASS
66-66	20MHz-15MHz	QPSK-QPSK	132423-132594	1RB#0-0RB#0	23.67	25.14	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132072-132243	100RB#0-75RB#0	19.74	21.21	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132072-132243	1RB#0-0RB#0	22.23	23.7	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132348-132519	100RB#0-75RB#0	20.05	21.52	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132348-132519	1RB#0-0RB#0	23	24.47	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132423-132594	100RB#0-75RB#0	19.77	21.24	30	PASS
66-66	20MHz-15MHz	16QAM-16QAM	132423-132594	1RB#0-0RB#0	22.36	23.83	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132072-132243	100RB#0-75RB#0	18.79	20.26	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132072-132243	1RB#0-0RB#0	21.27	22.74	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132348-132519	100RB#0-75RB#0	19.12	20.59	30	PASS



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66-66	20MHz-15MHz	64QAM-64QAM	132348-132519	1RB#0-0RB#0	22	23.47	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132423-132594	100RB#0-75RB#0	18.83	20.3	30	PASS
66-66	20MHz-15MHz	64QAM-64QAM	132423-132594	1RB#0-0RB#0	21.4	22.87	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132072-132243	100RB#0-75RB#0	17.84	19.31	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132072-132243	1RB#0-0RB#0	18.23	19.7	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132348-132519	100RB#0-75RB#0	18.19	19.66	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132348-132519	1RB#0-0RB#0	19.19	20.66	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132423-132594	100RB#0-75RB#0	17.98	19.45	30	PASS
66-66	20MHz-15MHz	256QAM-256QAM	132423-132594	1RB#0-0RB#0	18.53	20	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132072-132270	100RB#0-100RB#0	20.85	22.32	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132072-132270	1RB#0-0RB#0	24.03	25.5	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	100RB#0-100RB#0	21.38	22.85	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132323-132521	1RB#0-0RB#0	24.43	25.9	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132374-132572	100RB#0-100RB#0	21.14	22.61	30	PASS
66-66	20MHz-20MHz	QPSK-QPSK	132374-132572	1RB#0-0RB#0	24.33	25.8	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132072-132270	100RB#0-100RB#0	19.92	21.39	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132072-132270	1RB#0-0RB#0	22.48	23.95	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132323-132521	100RB#0-100RB#0	20.41	21.88	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132323-132521	1RB#0-0RB#0	23.22	24.69	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132374-132572	100RB#0-100RB#0	20.12	21.59	30	PASS
66-66	20MHz-20MHz	16QAM-16QAM	132374-132572	1RB#0-0RB#0	23.08	24.55	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132072-132270	100RB#0-100RB#0	19.02	20.49	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132072-132270	1RB#0-0RB#0	21.35	22.82	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132323-132521	100RB#0-100RB#0	19.51	20.98	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132323-132521	1RB#0-0RB#0	22.15	23.62	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132374-132572	100RB#0-100RB#0	19.18	20.65	30	PASS
66-66	20MHz-20MHz	64QAM-64QAM	132374-132572	1RB#0-0RB#0	22.03	23.5	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132072-132270	100RB#0-100RB#0	18.04	19.51	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132072-132270	1RB#0-0RB#0	18.3	19.77	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132323-132521	100RB#0-100RB#0	18.64	20.11	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132323-132521	1RB#0-0RB#0	19.33	20.8	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132374-132572	100RB#0-100RB#0	18.3	19.77	30	PASS
66-66	20MHz-20MHz	256QAM-256QAM	132374-132572	1RB#0-0RB#0	19.2	20.67	30	PASS



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66-66	20MHz-5MHz	QPSK-QPSK	132072-132189	100RB#0-25RB#0	20.8	22.27	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132072-132189	1RB#0-0RB#0	23.86	25.33	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132397-132514	100RB#0-25RB#0	21.1	22.57	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132397-132514	1RB#0-0RB#0	24.15	25.62	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132522-132639	100RB#0-25RB#0	20.92	22.39	30	PASS
66-66	20MHz-5MHz	QPSK-QPSK	132522-132639	1RB#0-0RB#0	23.37	24.84	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132072-132189	100RB#0-25RB#0	19.85	21.32	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132072-132189	1RB#0-0RB#0	22.29	23.76	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132397-132514	100RB#0-25RB#0	20.1	21.57	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132397-132514	1RB#0-0RB#0	22.82	24.29	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132522-132639	100RB#0-25RB#0	19.97	21.44	30	PASS
66-66	20MHz-5MHz	16QAM-16QAM	132522-132639	1RB#0-0RB#0	22.05	23.52	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132072-132189	100RB#0-25RB#0	18.91	20.38	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132072-132189	1RB#0-0RB#0	21.22	22.69	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132397-132514	100RB#0-25RB#0	19.15	20.62	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132397-132514	1RB#0-0RB#0	21.81	23.28	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132522-132639	100RB#0-25RB#0	19.06	20.53	30	PASS
66-66	20MHz-5MHz	64QAM-64QAM	132522-132639	1RB#0-0RB#0	21.06	22.53	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132072-132189	100RB#0-25RB#0	17.93	19.4	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132072-132189	1RB#0-0RB#0	18.16	19.63	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132397-132514	100RB#0-25RB#0	18.23	19.7	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132397-132514	1RB#0-0RB#0	18.79	20.26	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132522-132639	100RB#0-25RB#0	18.16	19.63	30	PASS
66-66	20MHz-5MHz	256QAM-256QAM	132522-132639	1RB#0-0RB#0	17.98	19.45	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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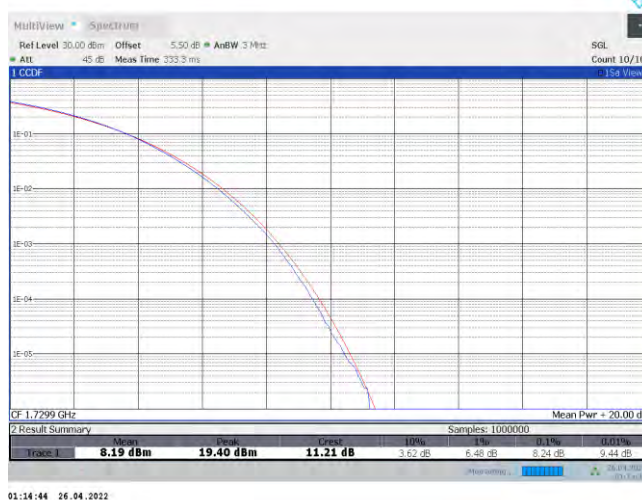
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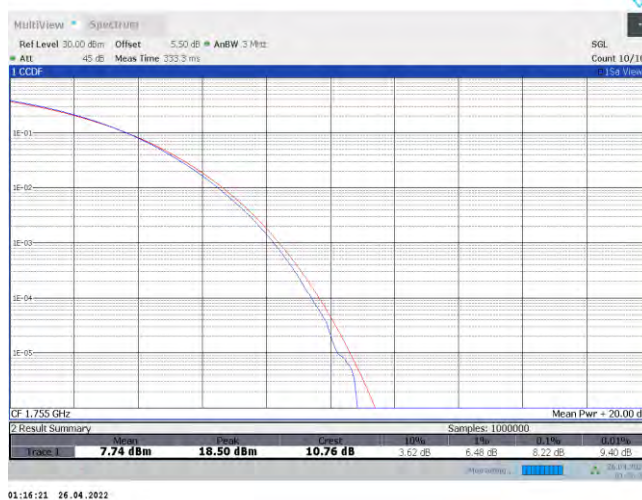
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Test Graphs

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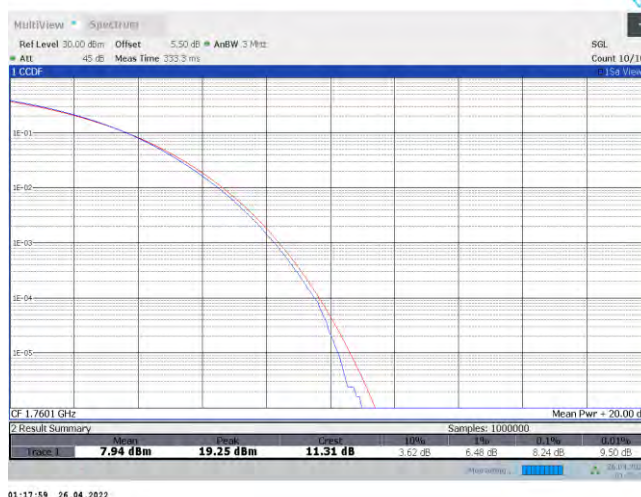
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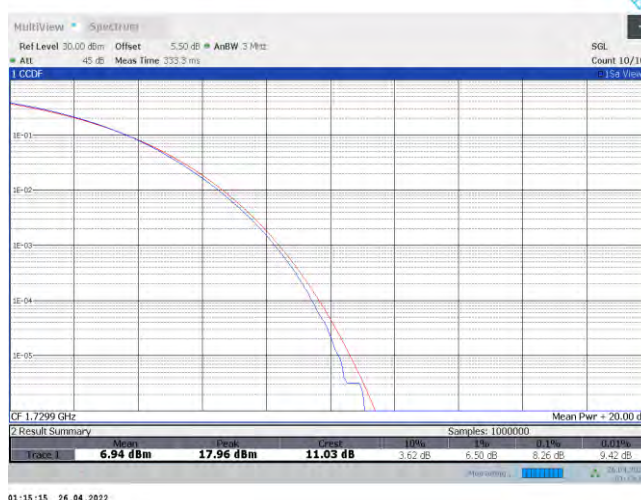
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66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-100RB#0-100RB#0



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



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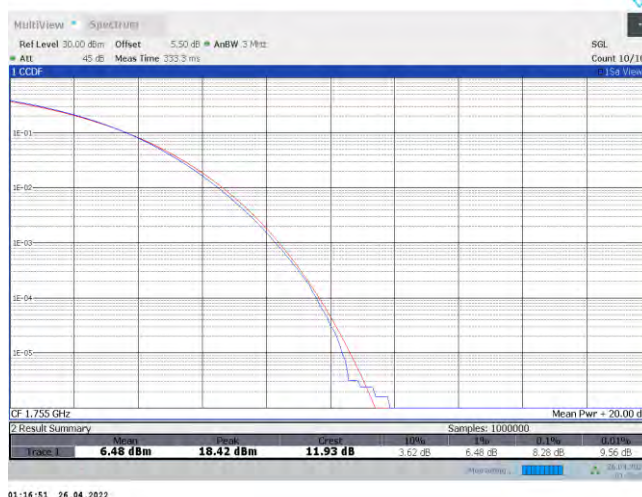
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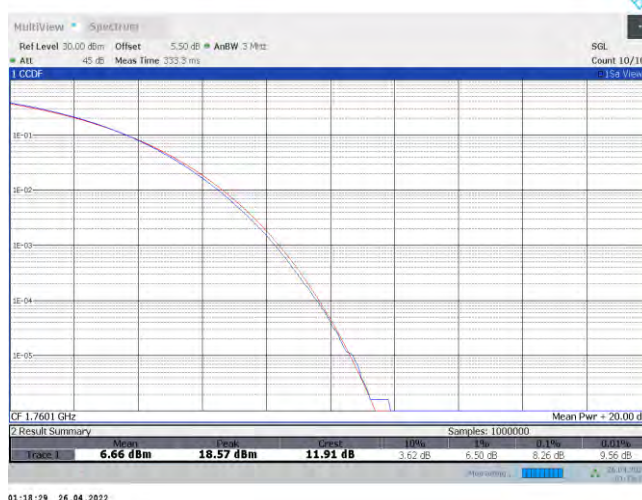
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66-66-20MHz-20MHz-16QAM-16QAM-132323-132521-100RB#0-100RB#0



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



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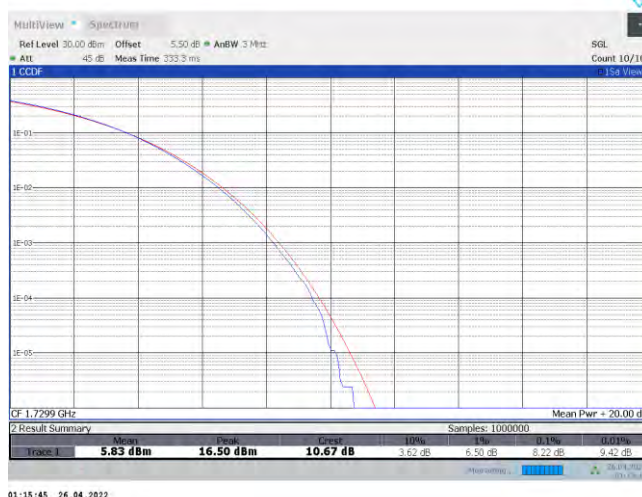
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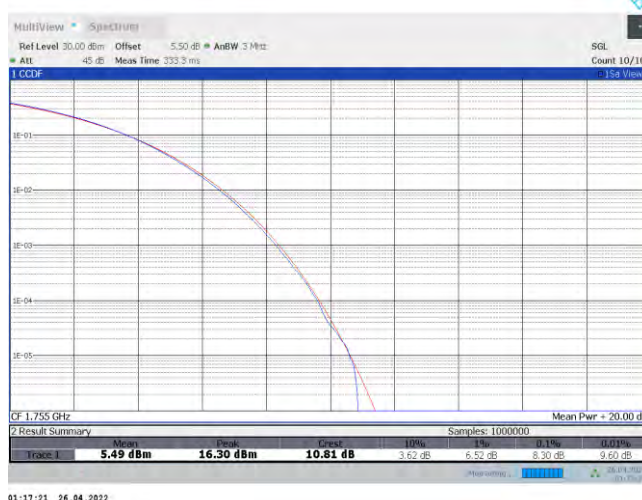
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66-66-20MHz-20MHz-64QAM-64QAM-132072-132270-100RB#0-100RB#0



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



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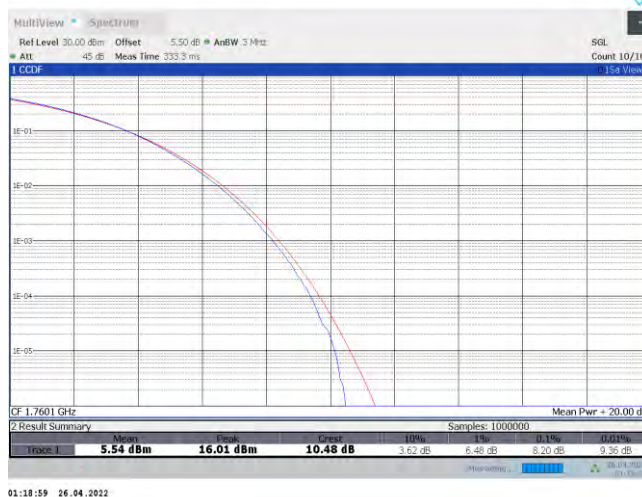
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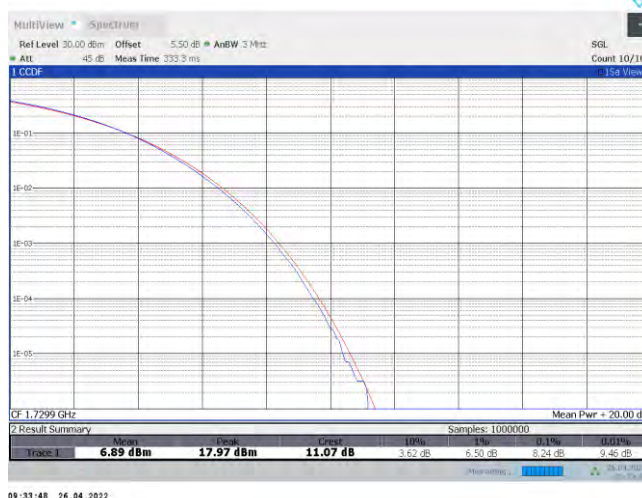
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66-66-20MHz-20MHz-64QAM-64QAM-132374-132572-100RB#0-100RB#0



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



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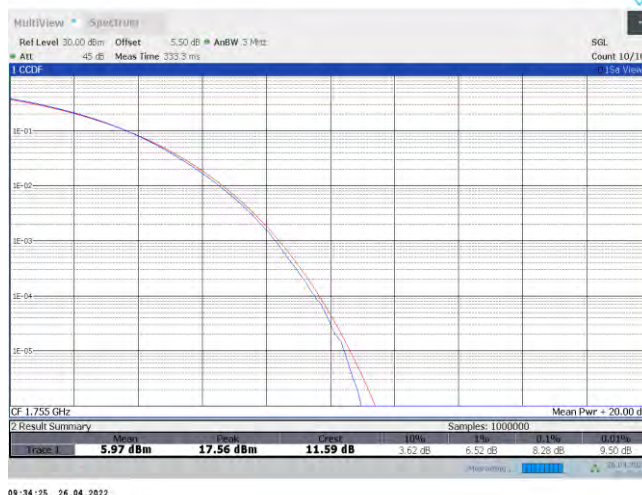
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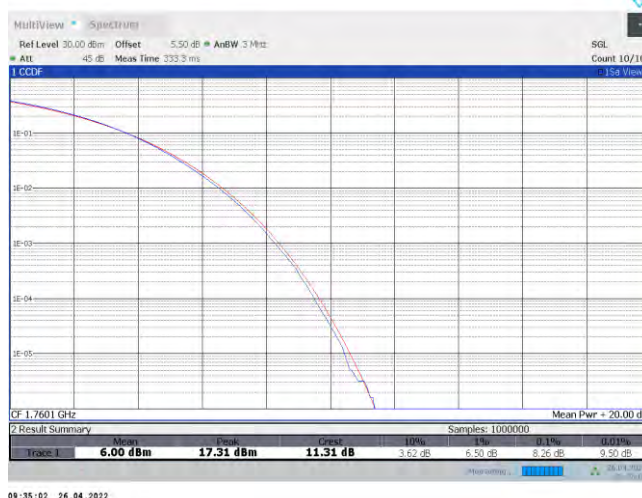
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66-66-20MHz-20MHz-256QAM-256QAM-132323-132521-100RB#0-100RB#0



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



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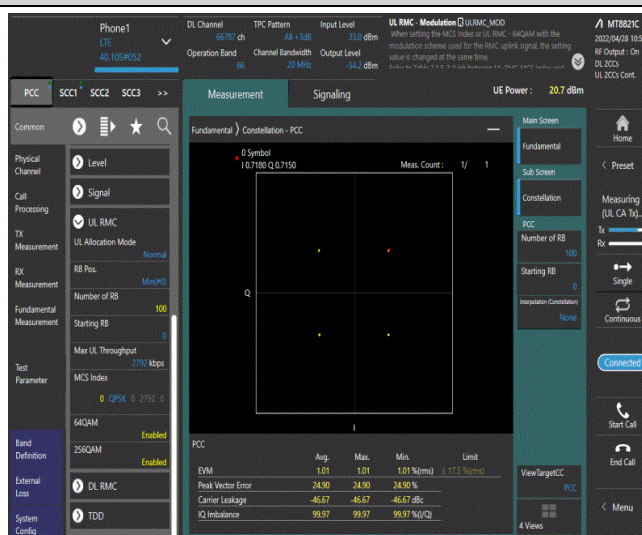
Modulation Characteristics

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

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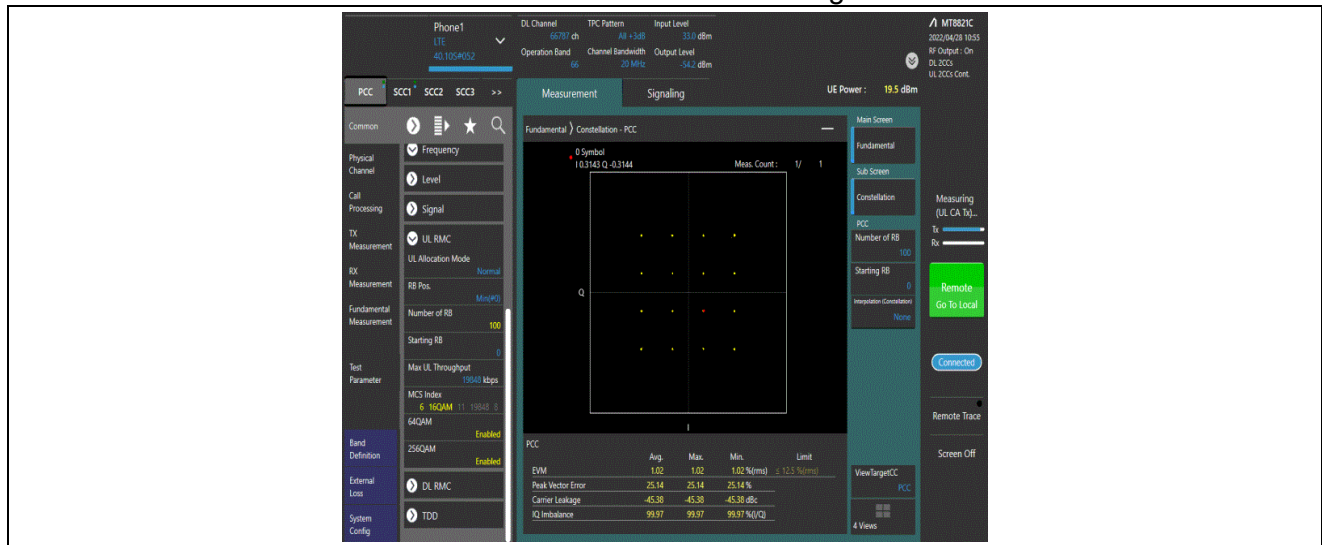
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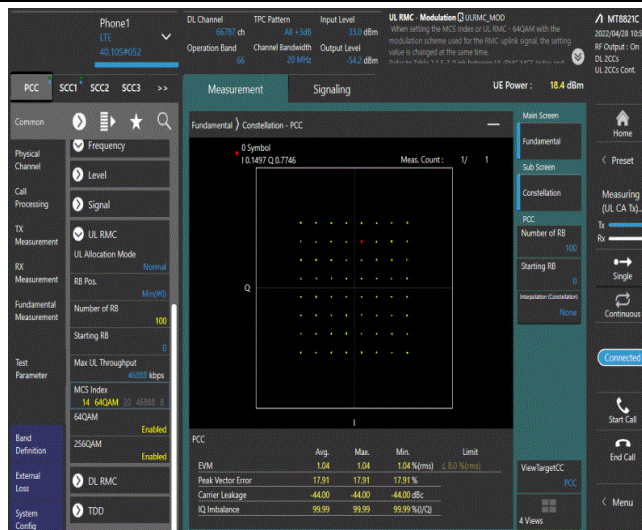
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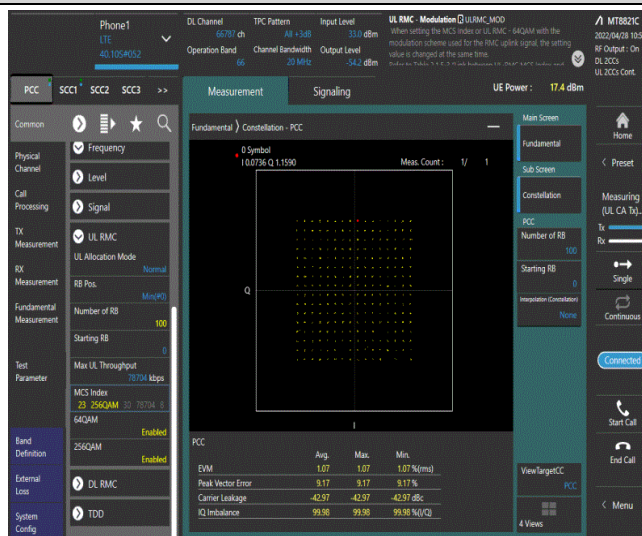
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66-66-20MHz-20MHz-256QAM-256QAM-132323-132521-100RB#0-100RB#0



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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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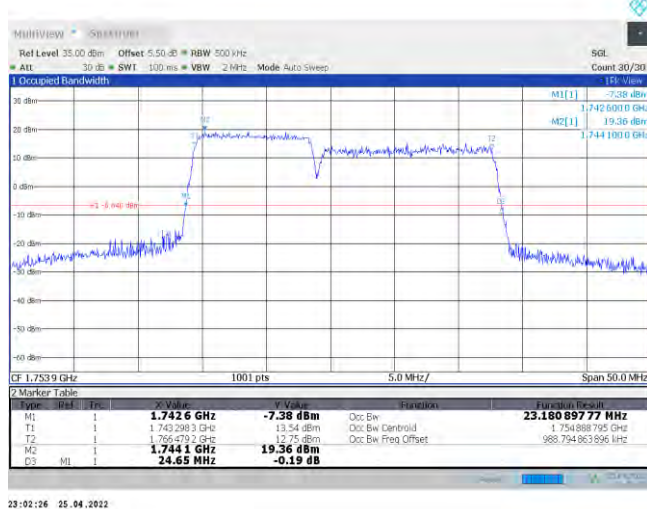
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Test Graphs

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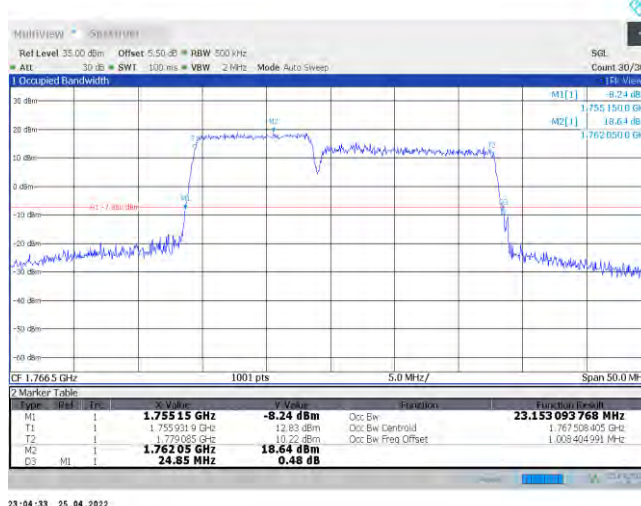
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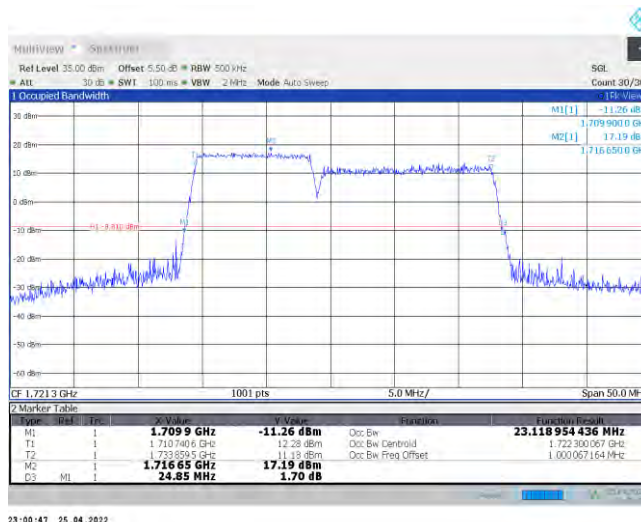
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66-66-10MHz-15MHz-QPSK-QPSK-132477-132597-50RB#0-75RB#0



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



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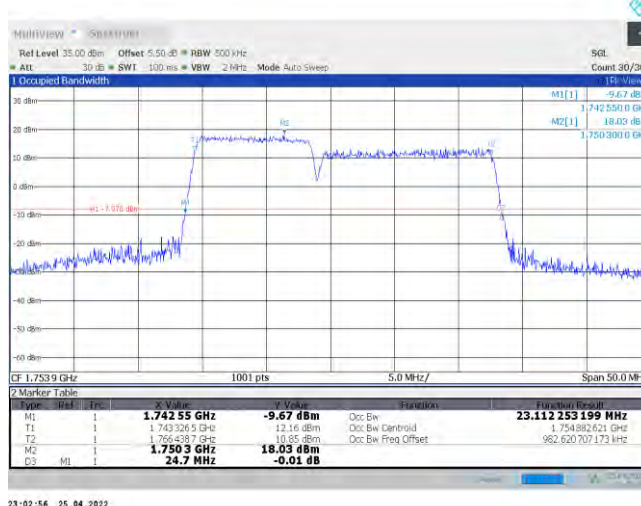
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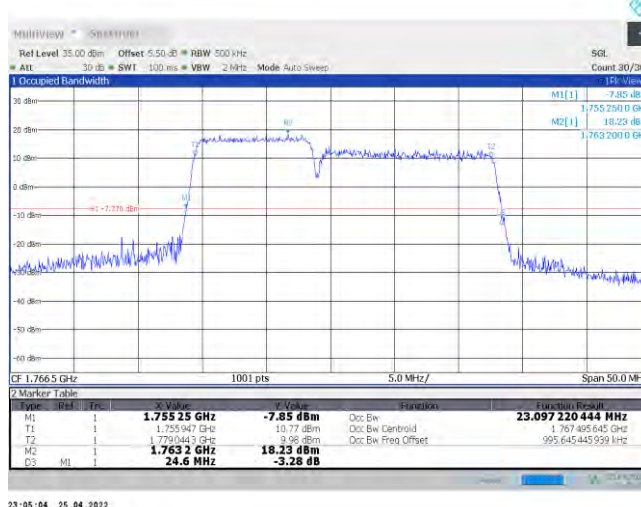
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66-66-10MHz-15MHz-16QAM-16QAM-132351-132471-50RB#0-75RB#0



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



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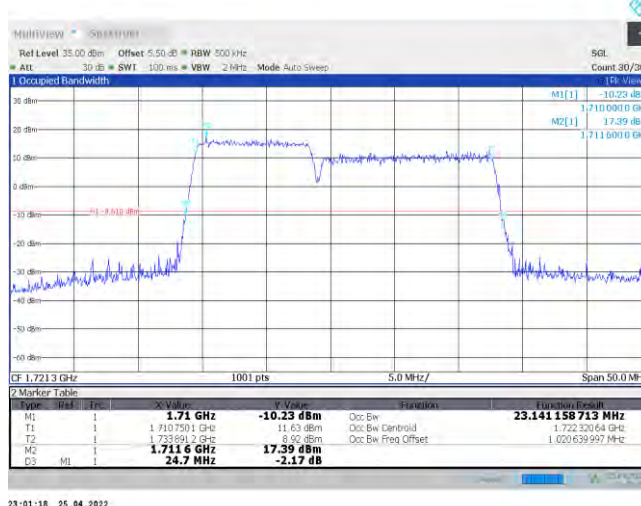
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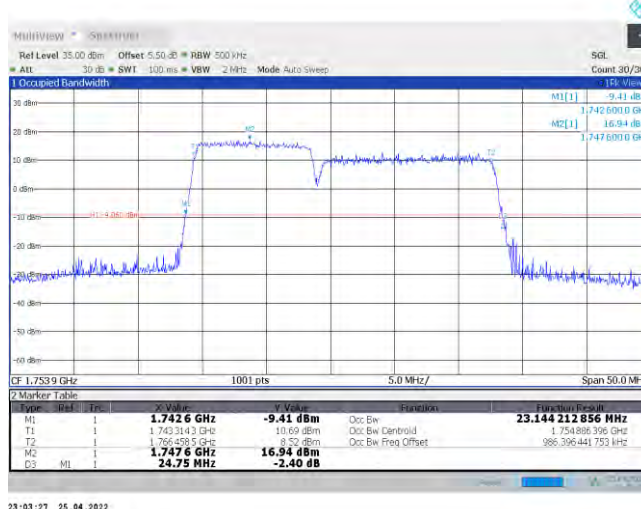
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66-66-10MHz-15MHz-64QAM-64QAM-132025-132145-50RB#0-75RB#0



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



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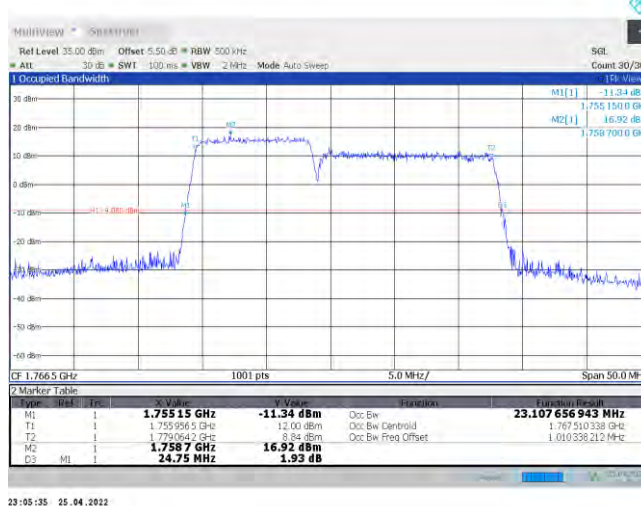
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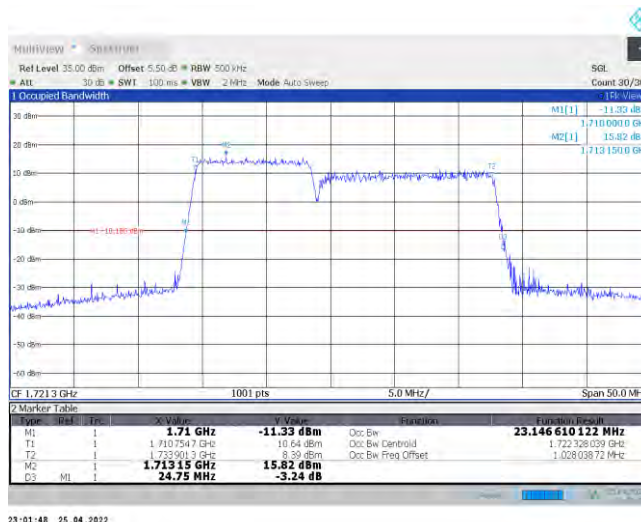
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66-66-10MHz-15MHz-64QAM-64QAM-132477-132597-50RB#0-75RB#0



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



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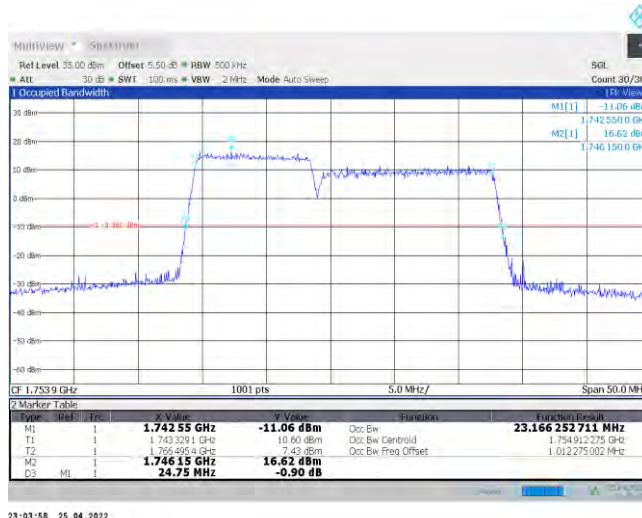
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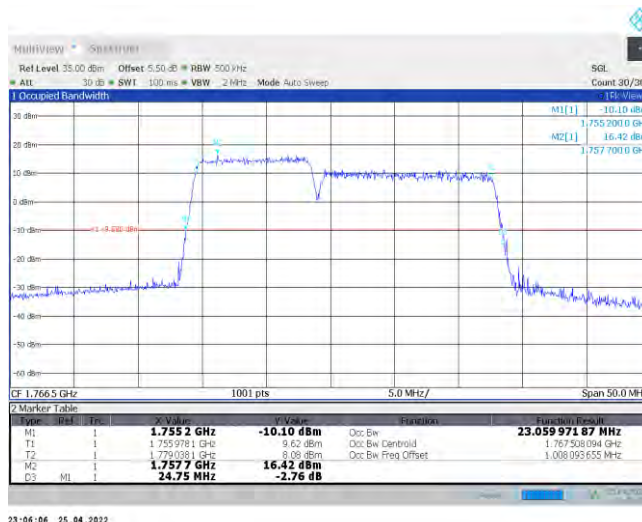
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66-66-10MHz-15MHz-256QAM-256QAM-132351-132471-50RB#0-75RB#0



66-66-10MHz-15MHz-256QAM-256QAM-132477-132597-50RB#0-75RB#0



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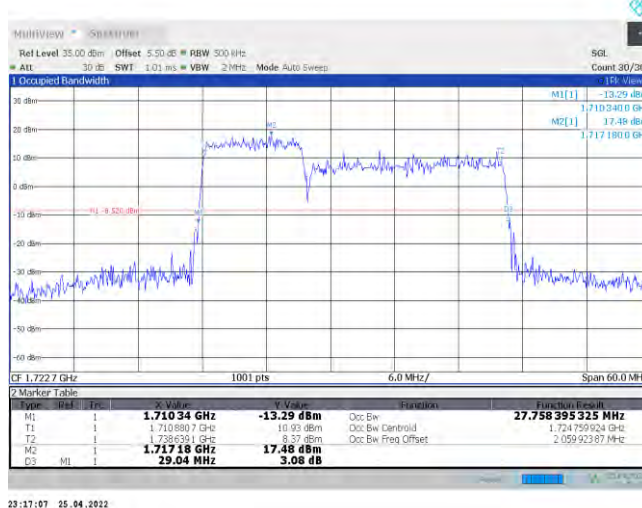
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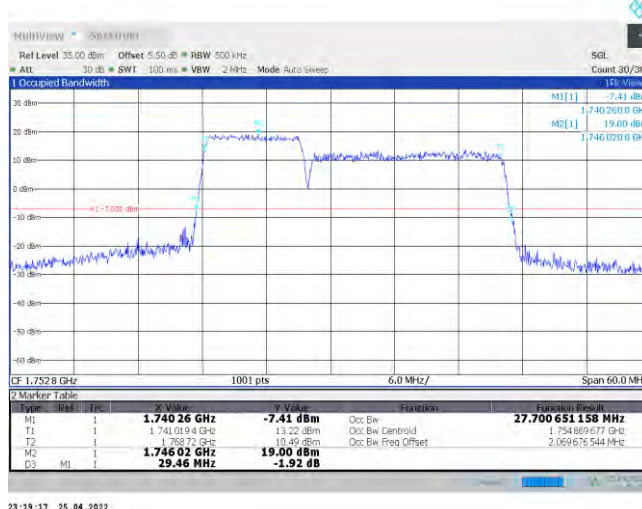
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66-66-10MHz-20MHz-QPSK-QPSK-132027-132171-50RB#0-100RB#0



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



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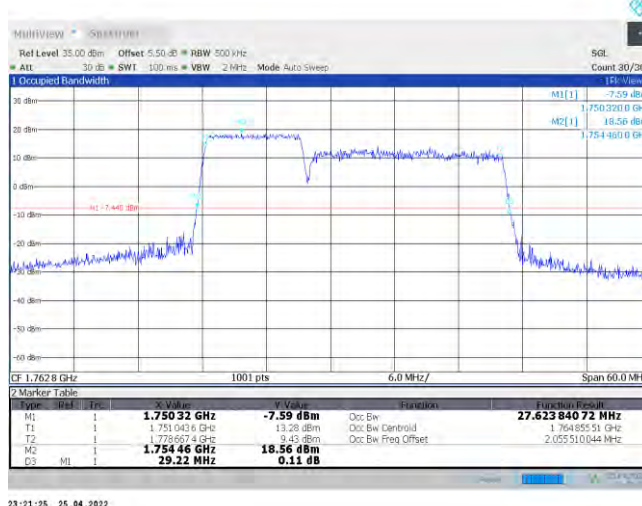
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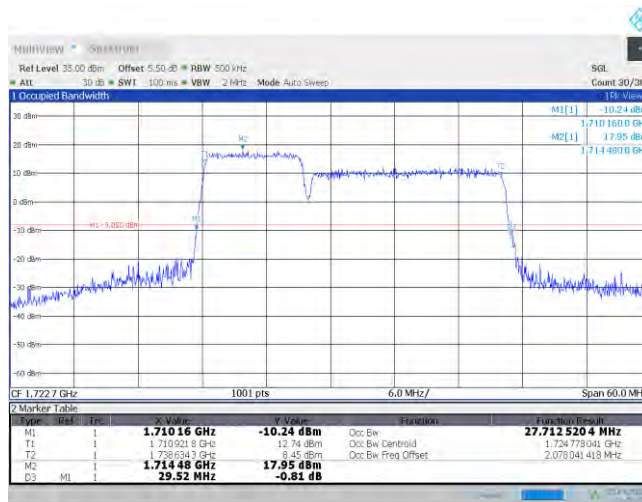
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66-66-10MHz-20MHz-QPSK-QPSK-132428-132572-50RB#0-100RB#0



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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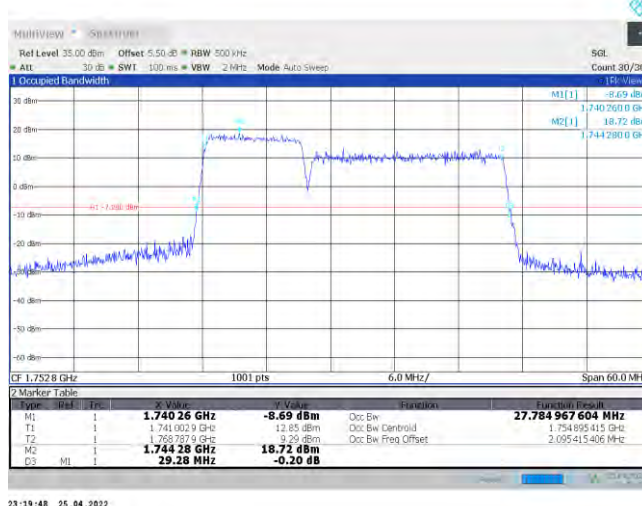
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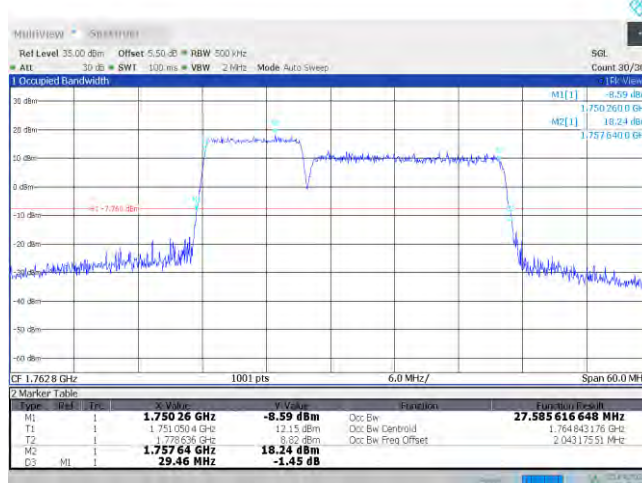
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66-66-10MHz-20MHz-16QAM-16QAM-132328-132472-50RB#0-100RB#0



23:19:48 25.04.2022

66-66-10MHz-20MHz-16QAM-16QAM-132428-132572-50RB#0-100RB#0



23:21:56 25.04.2022



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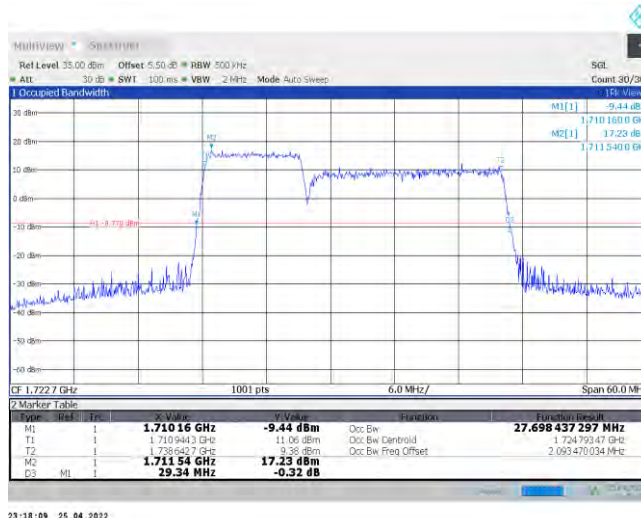
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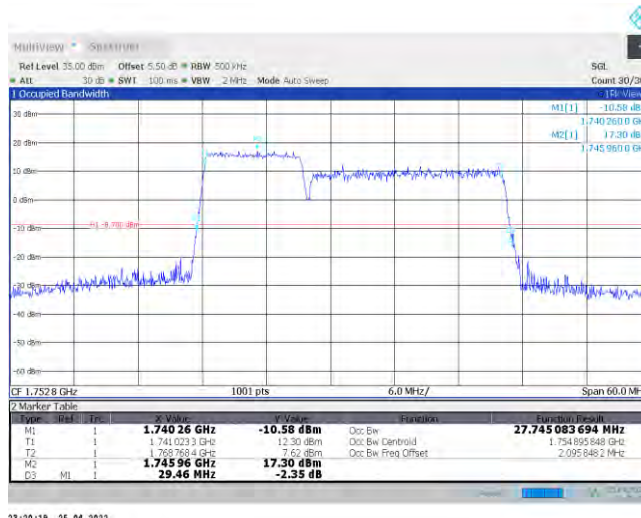
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66-66-10MHz-20MHz-64QAM-64QAM-132027-132171-50RB#0-100RB#0



23:18:09 25.04.2022

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23:20:19 25.04.2022



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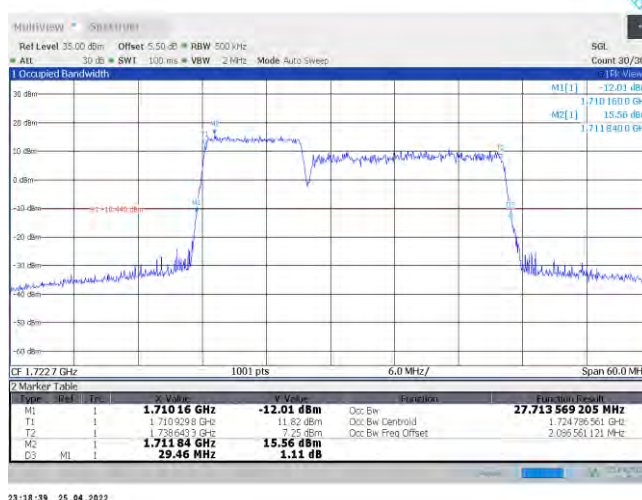
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66-66-10MHz-20MHz-64QAM-64QAM-132428-132572-50RB#0-100RB#0



23:22:27 25.04.2022

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



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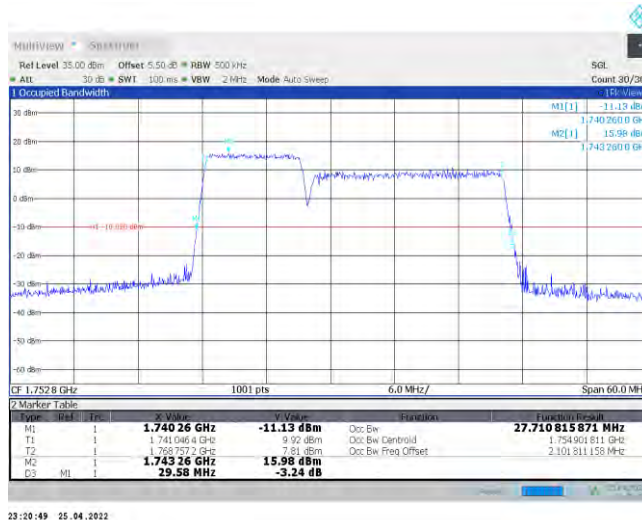
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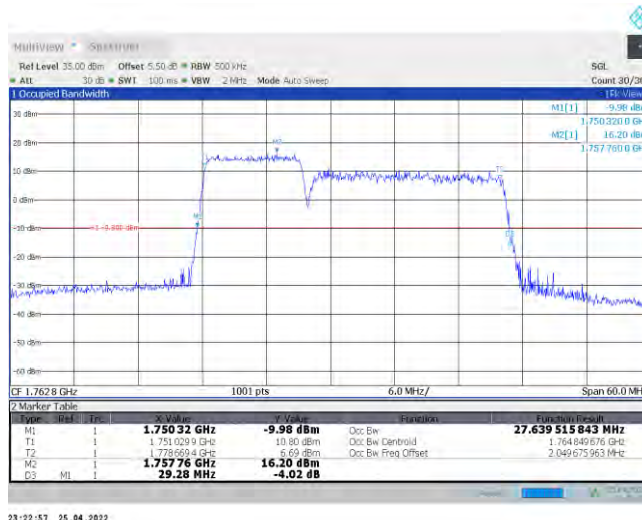
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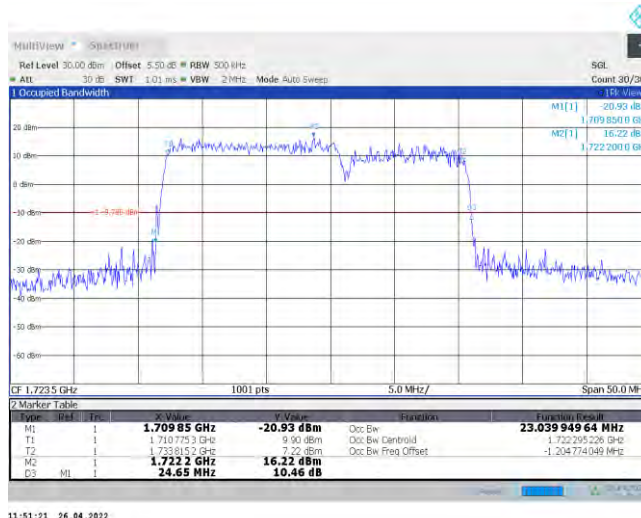
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11:51:21 26.04.2022

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11:53:31 26.04.2022



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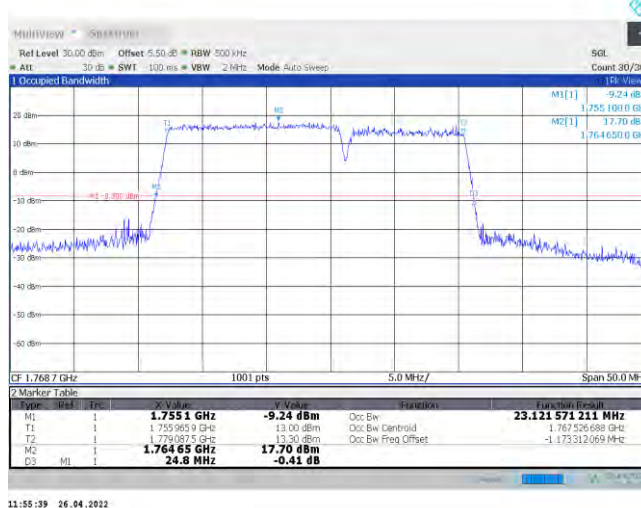
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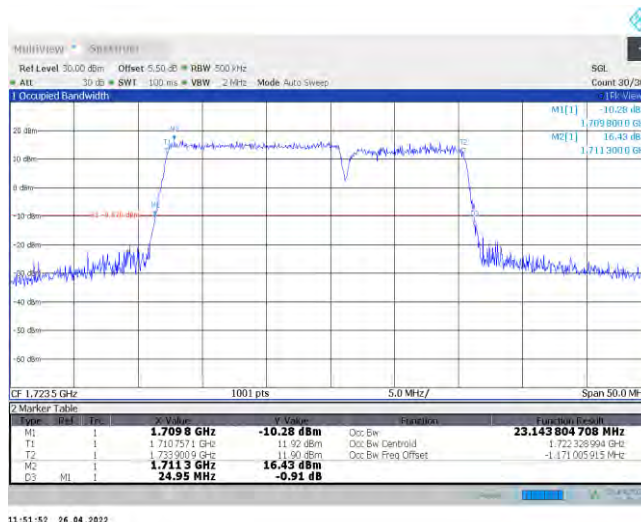
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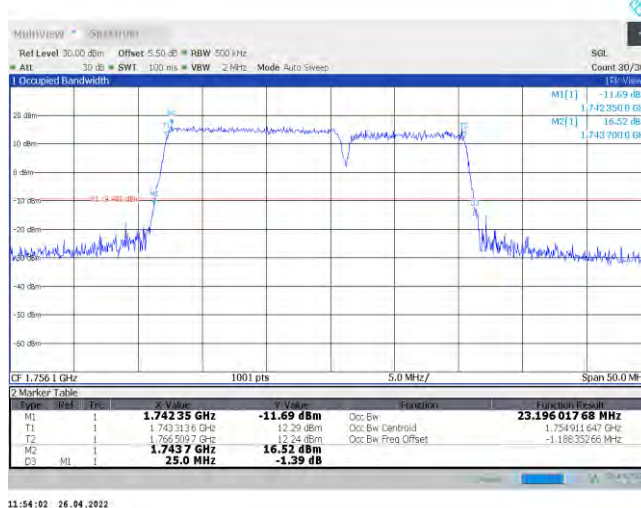
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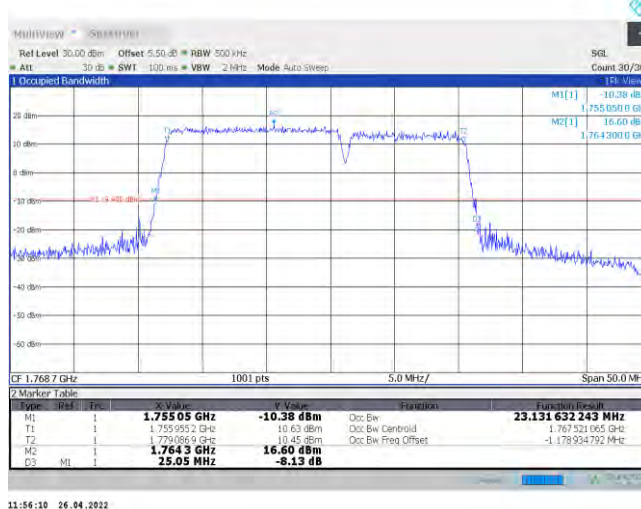
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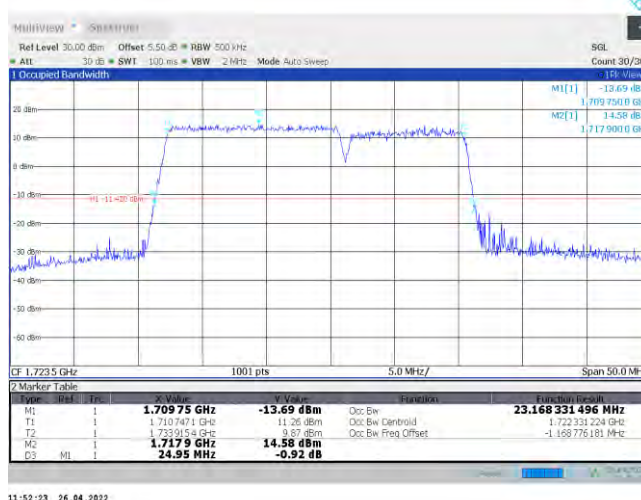
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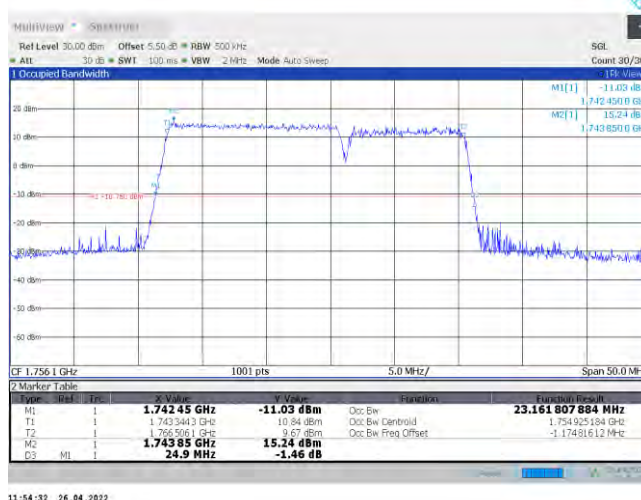
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66-66-15MHz-10MHz-64QAM-64QAM-132373-132493-75RB#0-50RB#0



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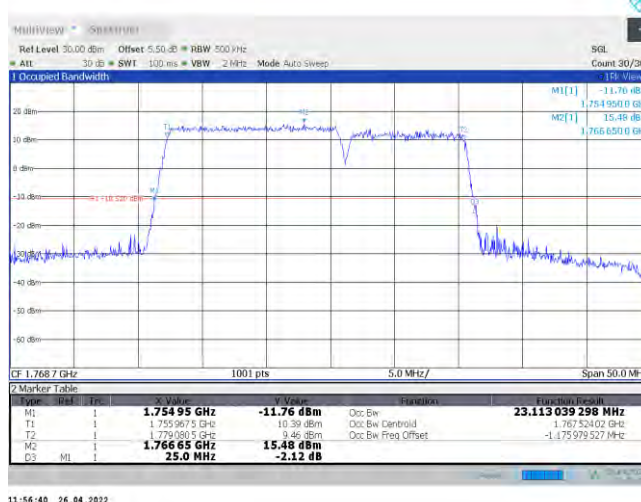
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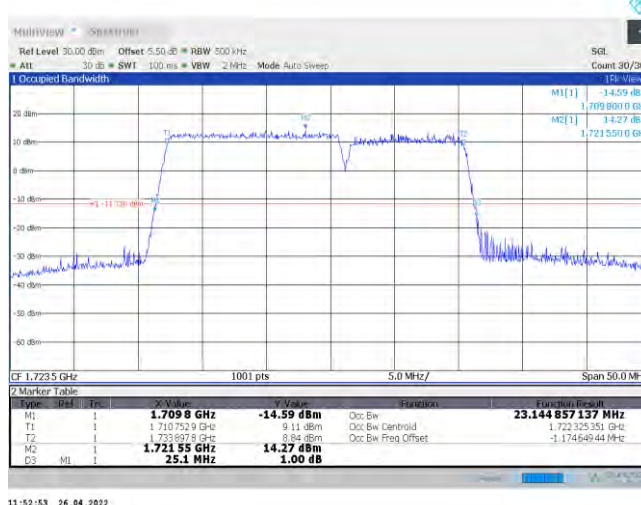
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66-66-15MHz-10MHz-256QAM-256QAM-132047-132167-75RB#0-50RB#0



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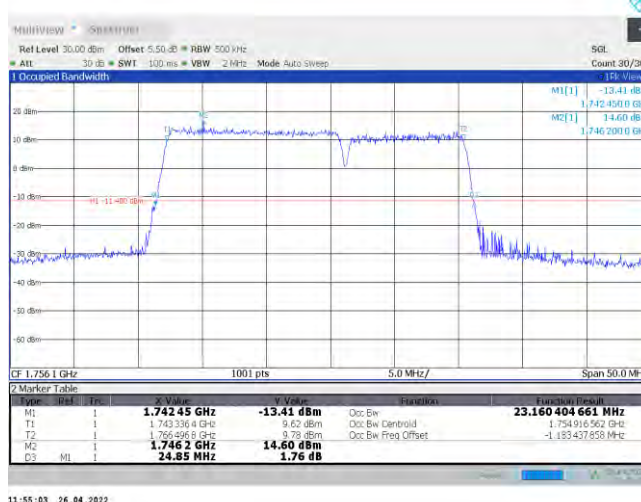
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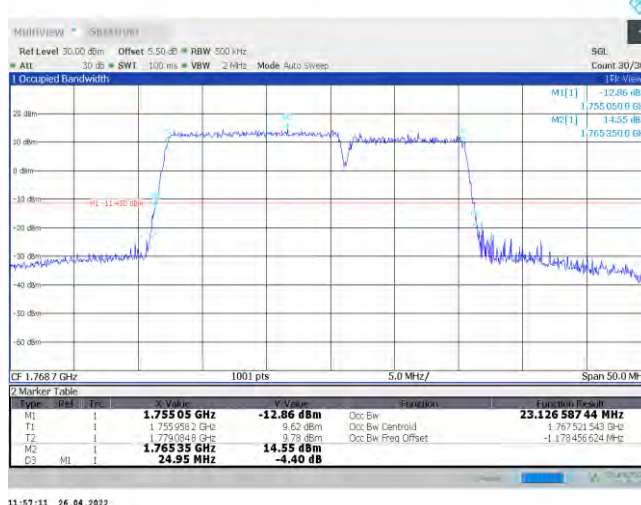
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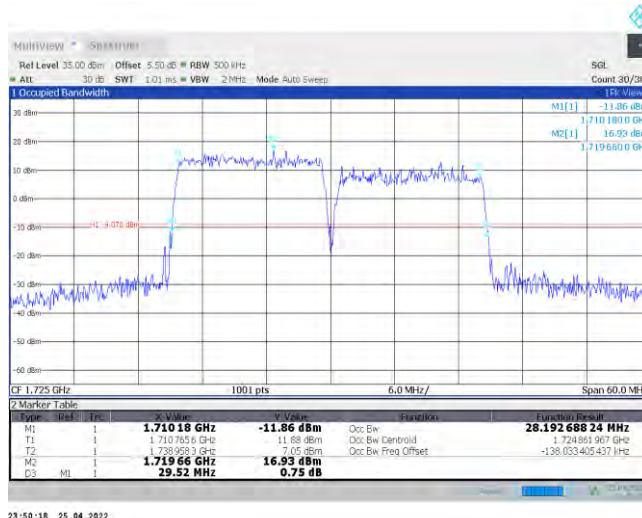
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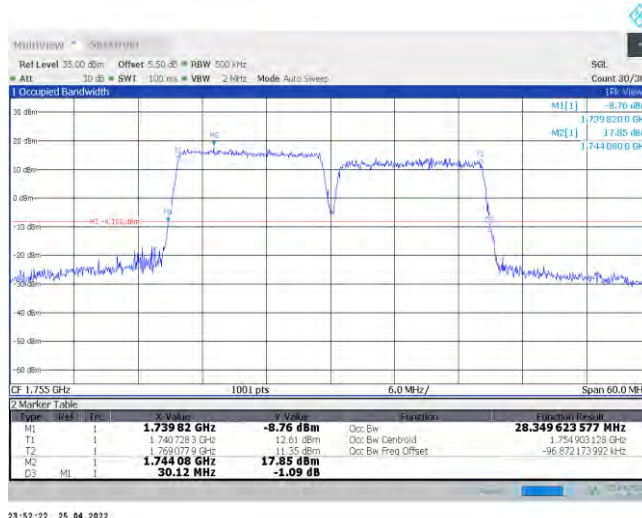
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66-66-15MHz-15MHz-QPSK-QPSK-132347-132497-75RB#0-75RB#0



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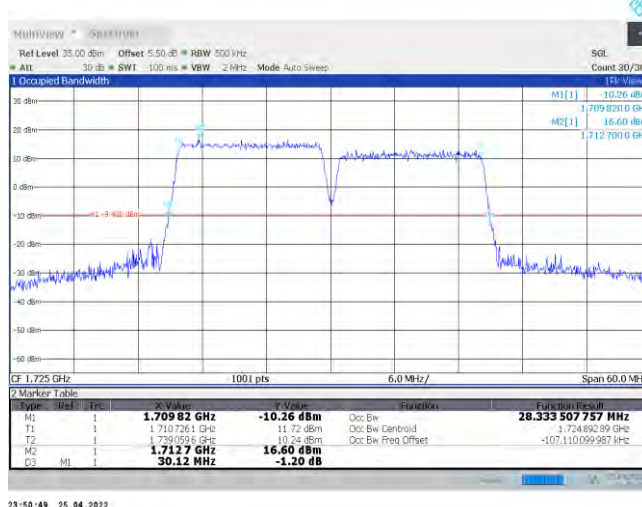
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66-66-15MHz-15MHz-16QAM-16QAM-132047-132197-75RB#0-75RB#0



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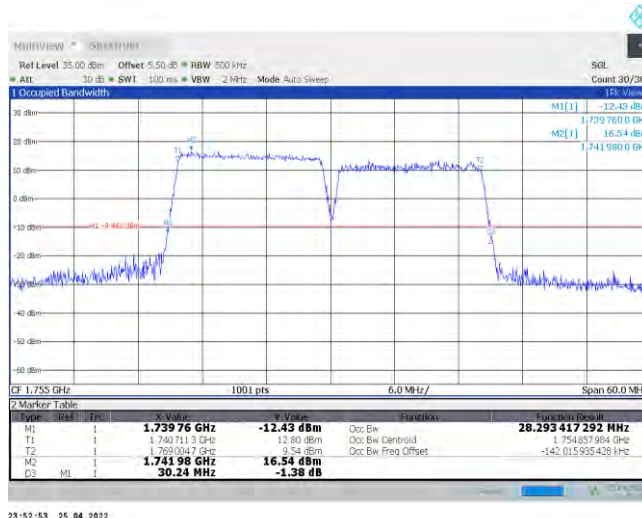
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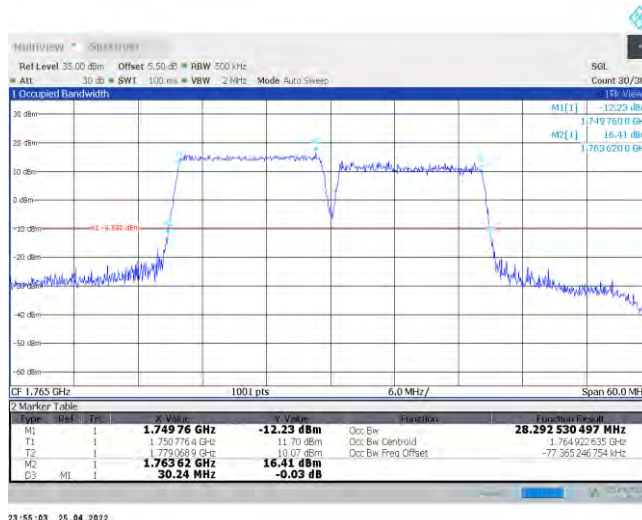
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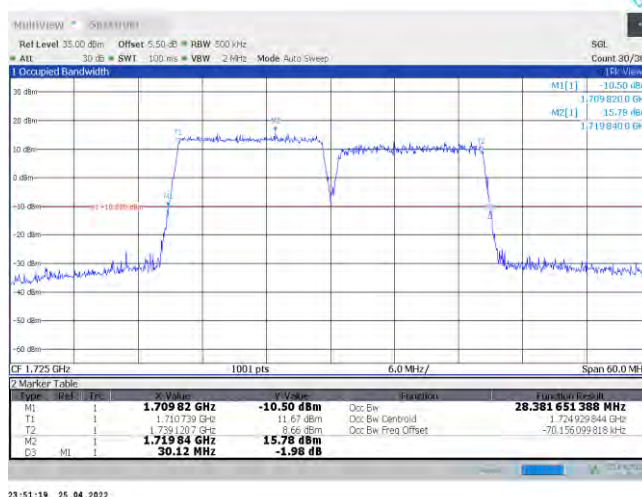
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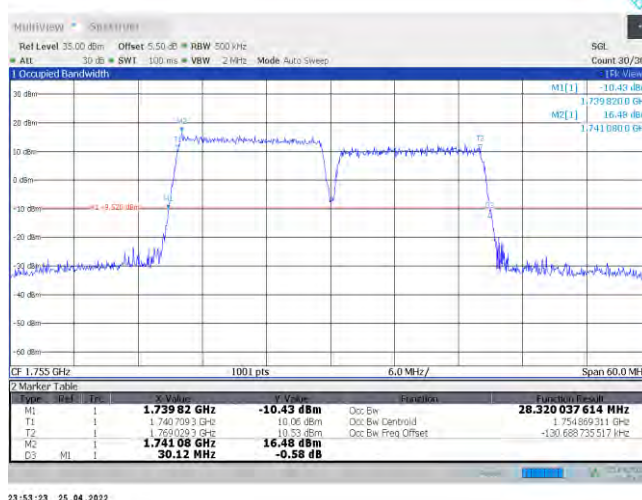
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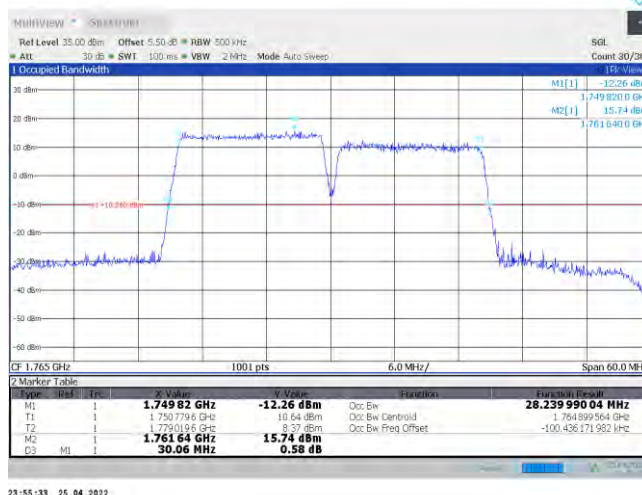
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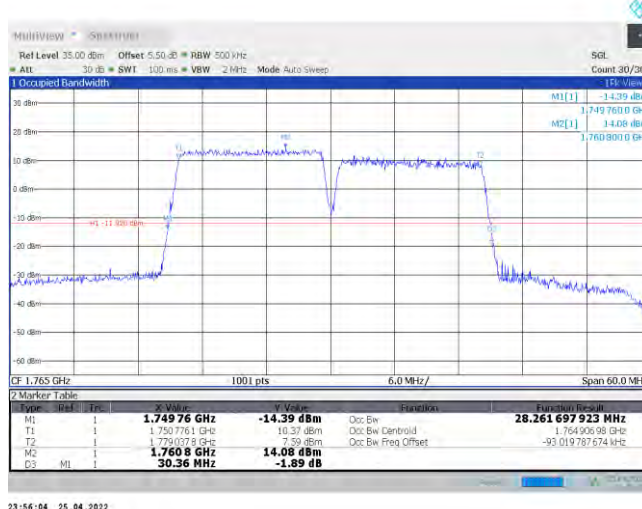
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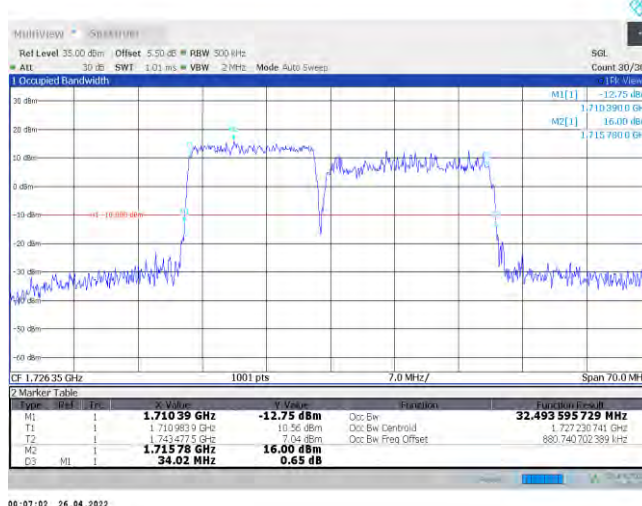
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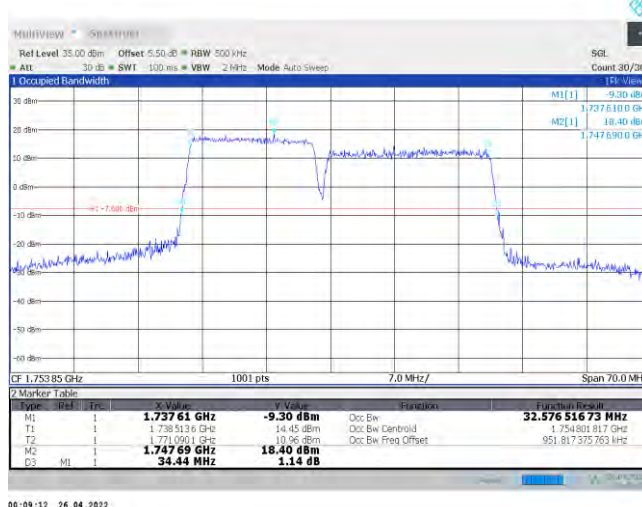
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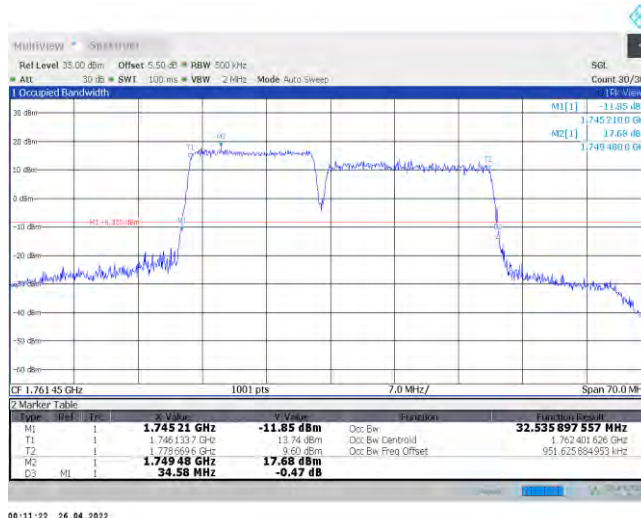
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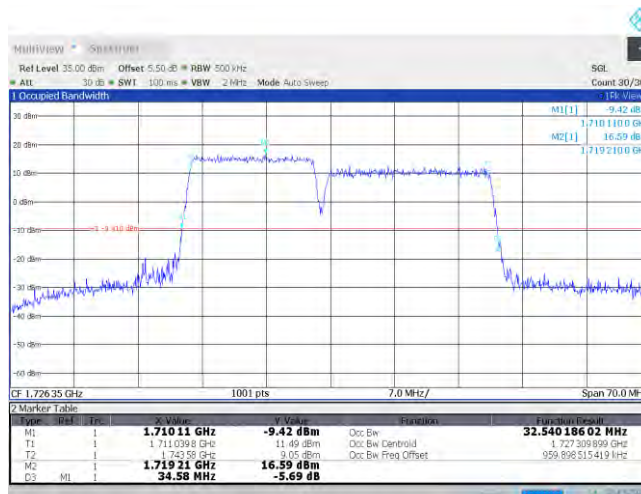
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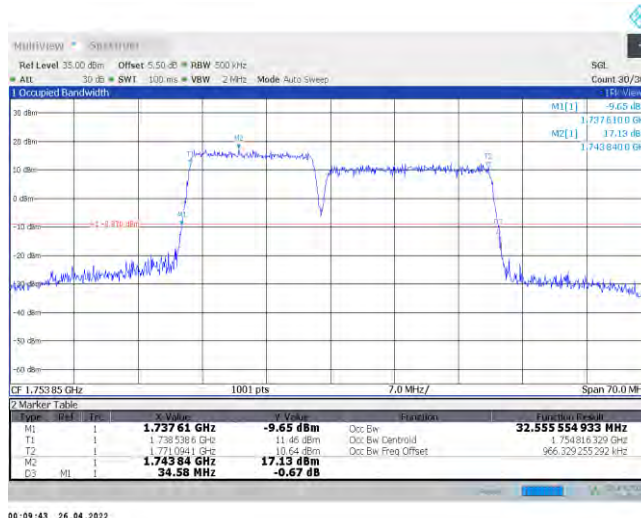
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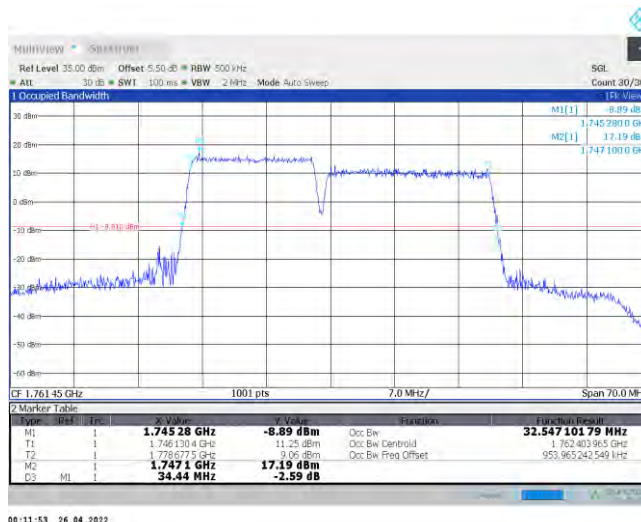
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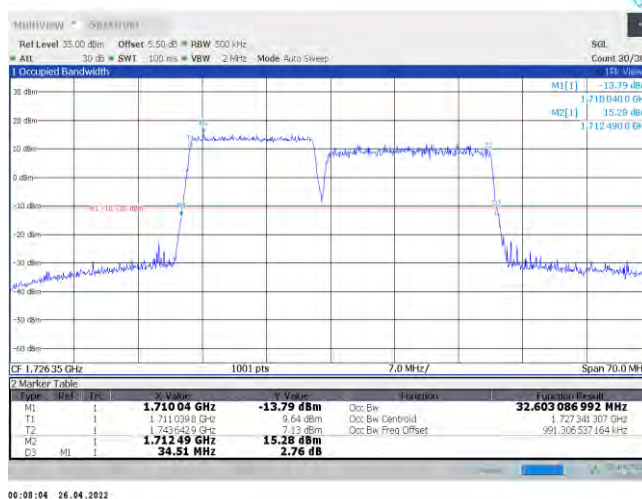
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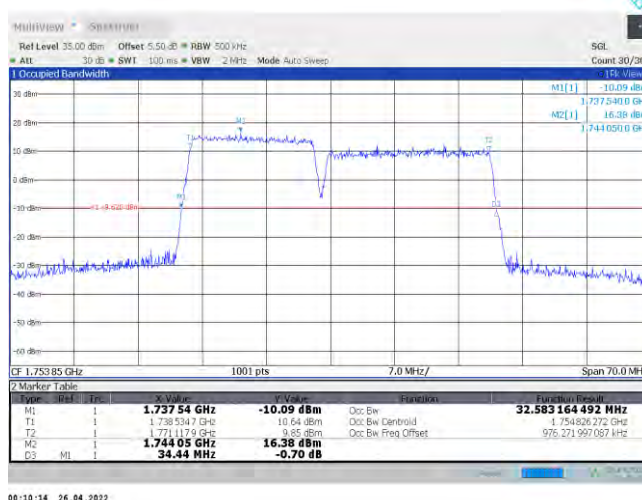
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66-66-15MHz-20MHz-64QAM-64QAM-132050-132221-75RB#0-100RB#0



66-66-15MHz-20MHz-64QAM-64QAM-132325-132496-75RB#0-100RB#0



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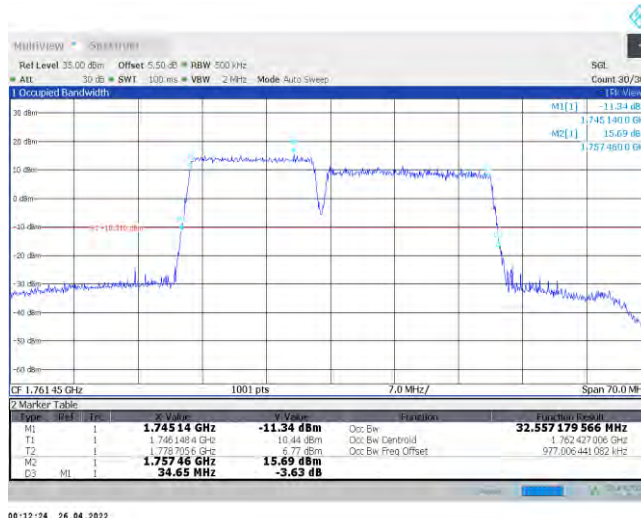
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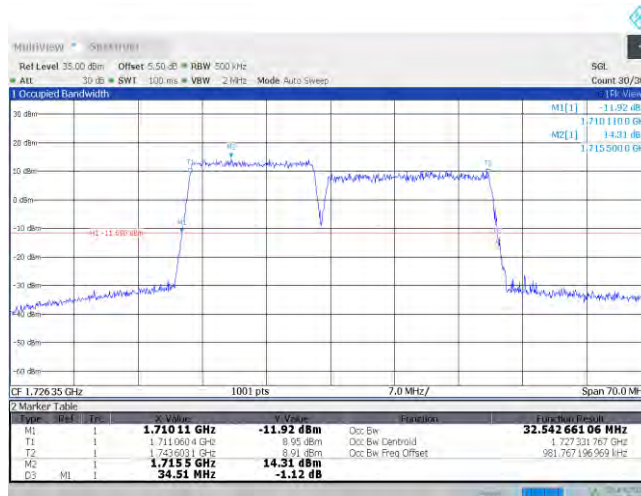
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00:12:24 26.04.2022

66-66-15MHz-20MHz-256QAM-256QAM-132050-132221-75RB#0-100RB#0



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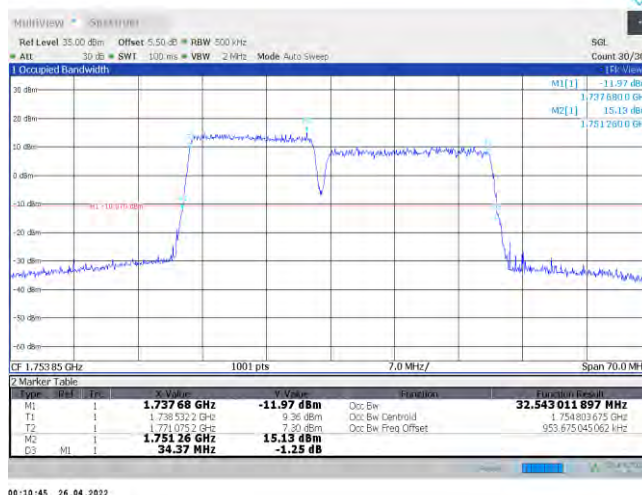
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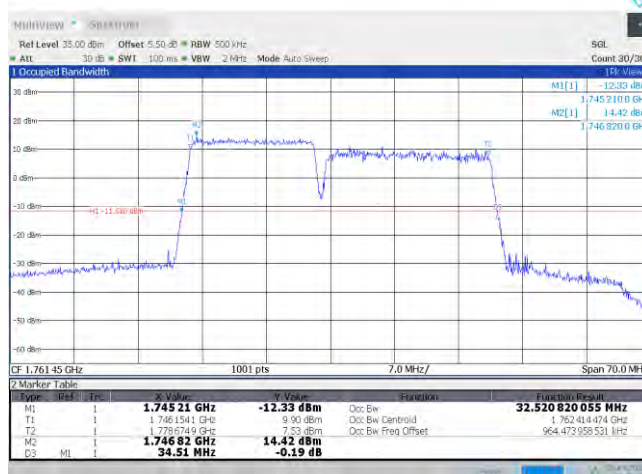
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00:10:45 26.04.2022

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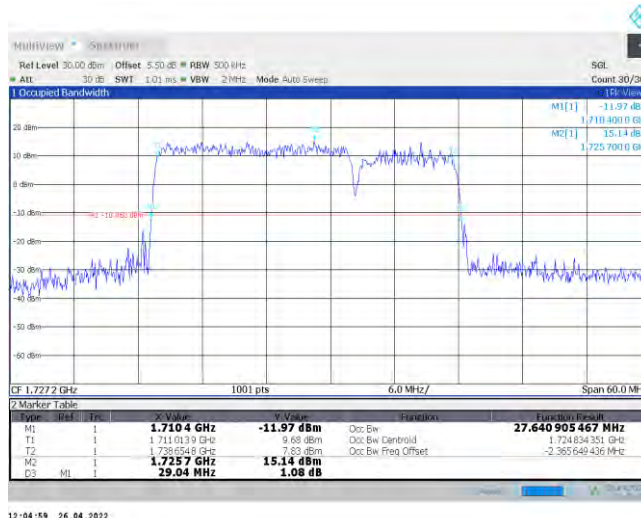
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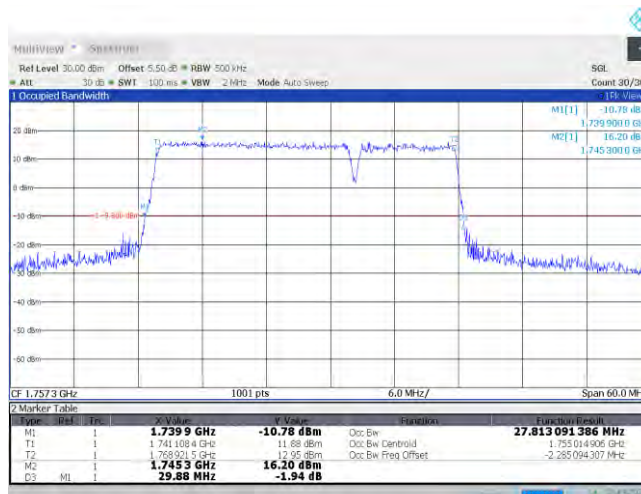
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66-66-20MHz-10MHz-QPSK-QPSK-132072-132216-100RB#0-50RB#0



12:04:59 26.04.2022

66-66-20MHz-10MHz-QPSK-QPSK-132373-132517-100RB#0-50RB#0



12:07:07 26.04.2022



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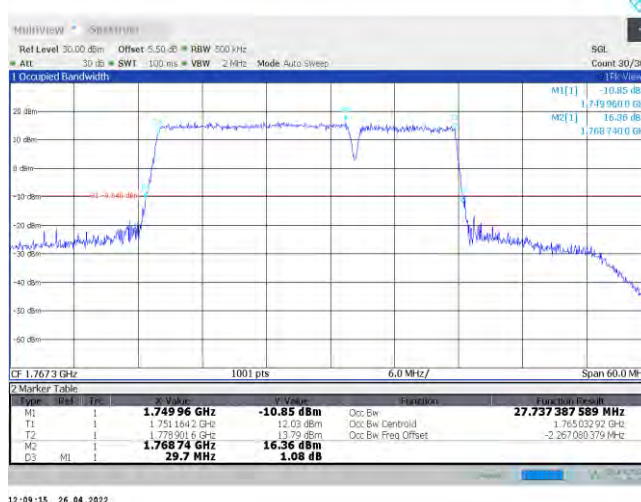
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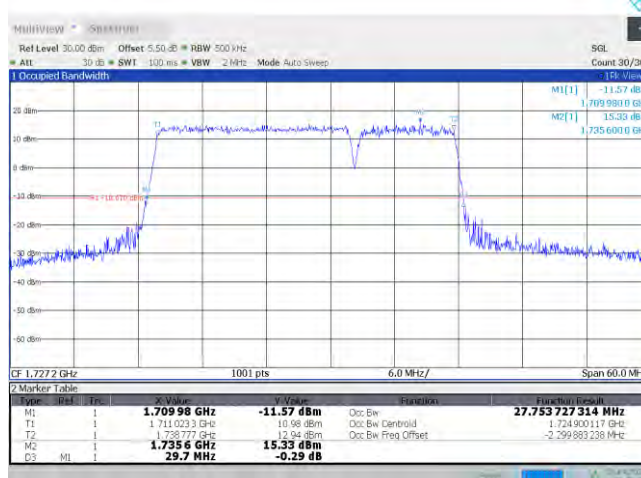
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66-66-20MHz-10MHz-QPSK-QPSK-132473-132617-100RB#0-50RB#0



12:09:15 26.04.2022

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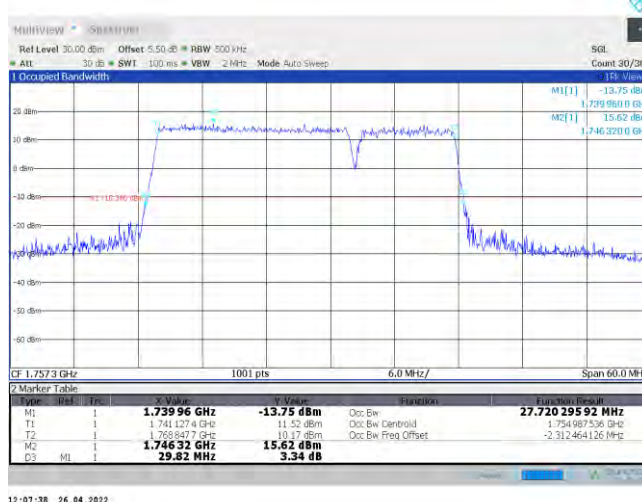
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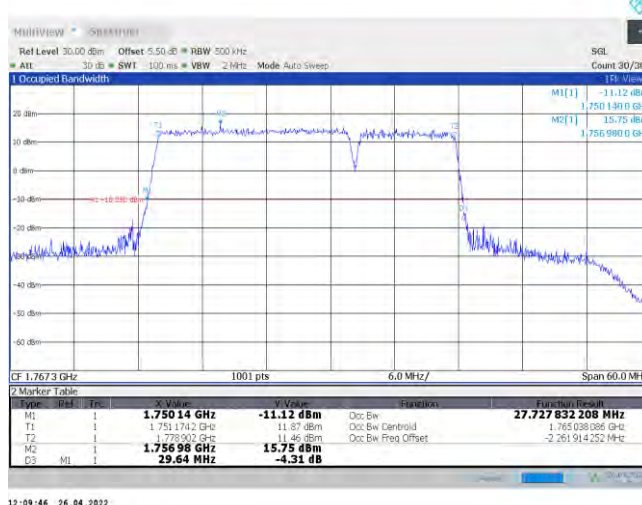
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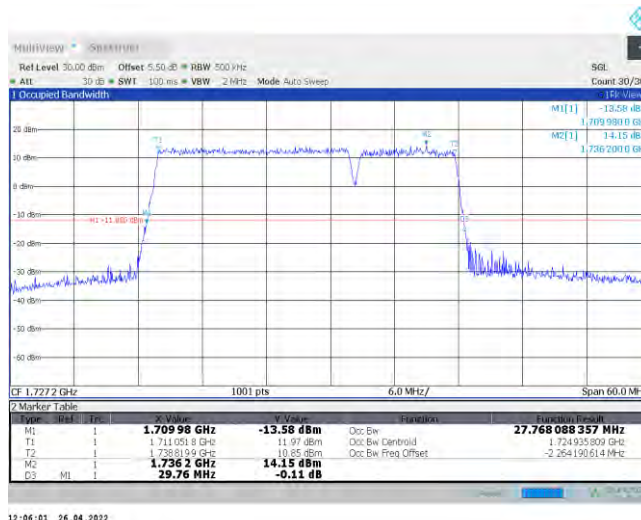
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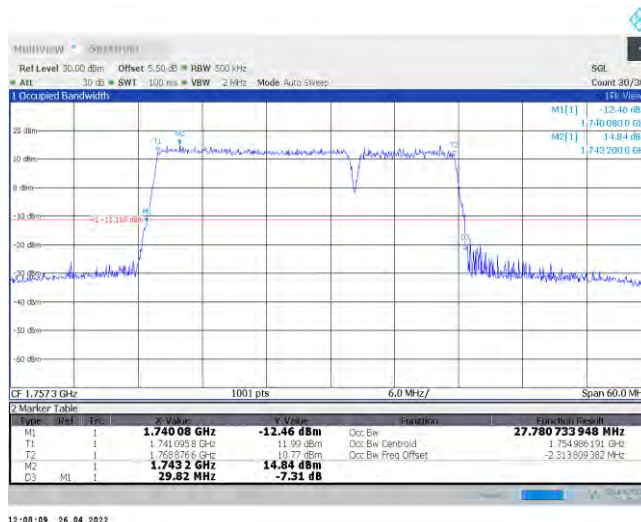
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66-66-20MHz-10MHz-64QAM-64QAM-132072-132216-100RB#0-50RB#0



66-66-20MHz-10MHz-64QAM-64QAM-132373-132517-100RB#0-50RB#0



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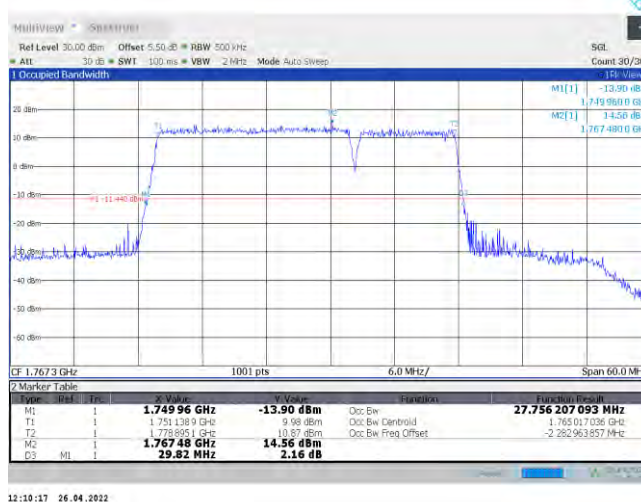
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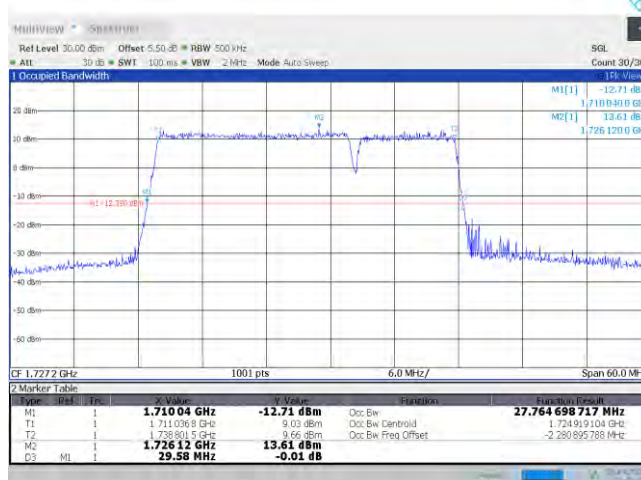
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12:10:17 26.04.2022

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12:06:32 26.04.2022



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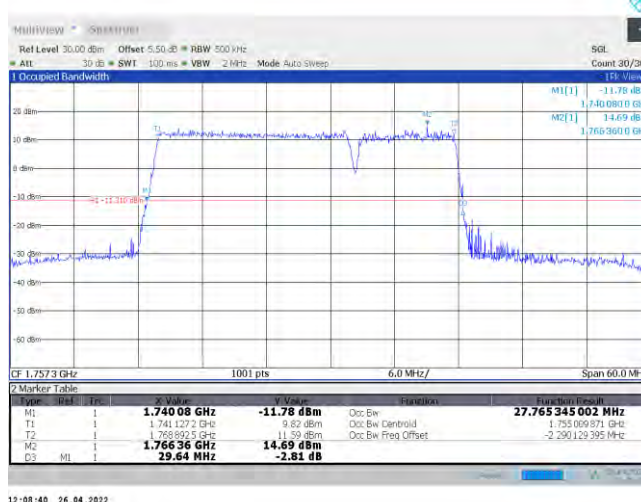
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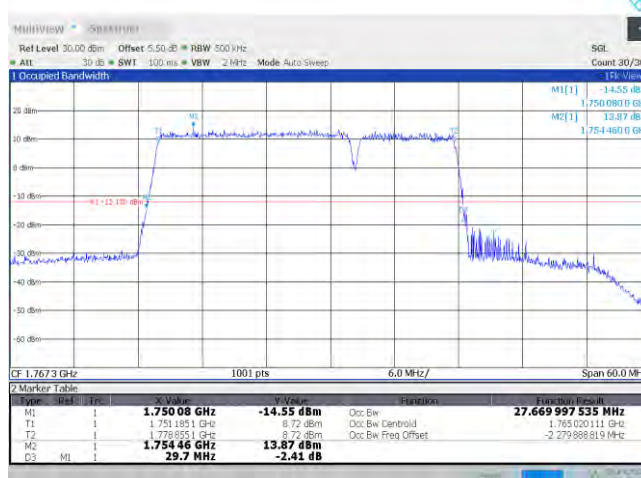
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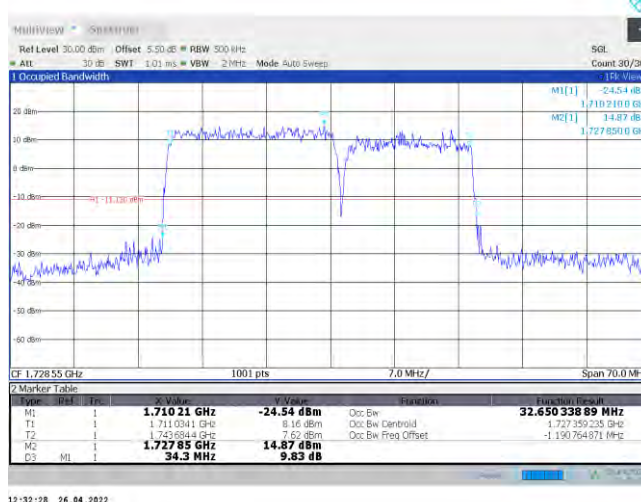
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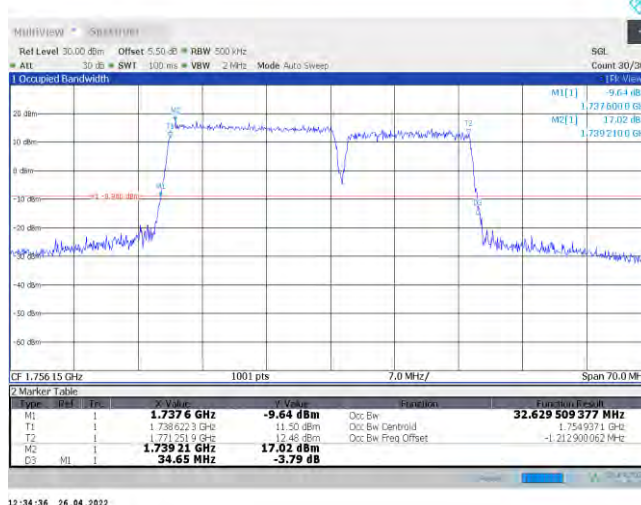
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66-66-20MHz-15MHz-QPSK-QPSK-132348-132519-100RB#0-75RB#0



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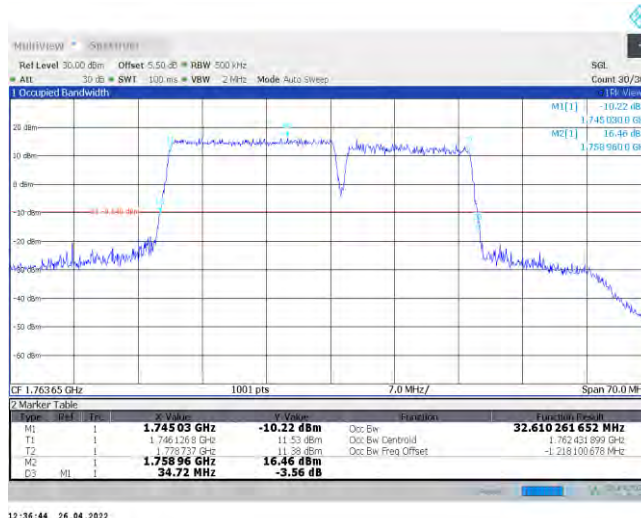
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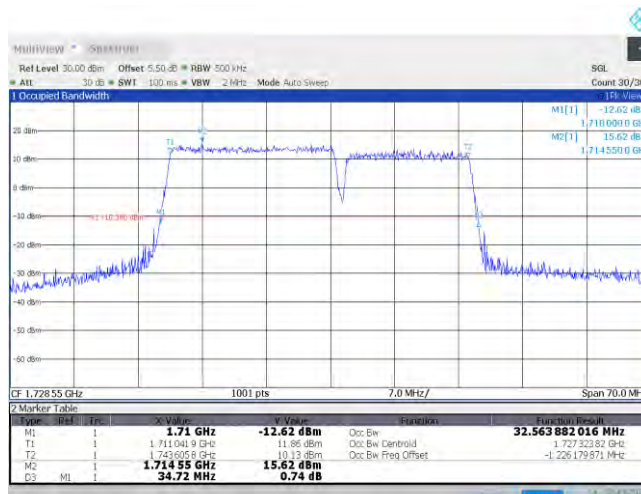
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66-66-20MHz-15MHz-QPSK-QPSK-132423-132594-100RB#0-75RB#0



12:36:44 26.04.2022

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12:32:59 26.04.2022



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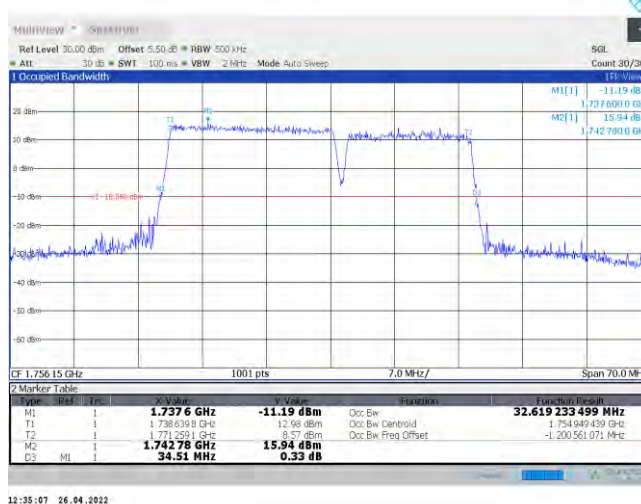
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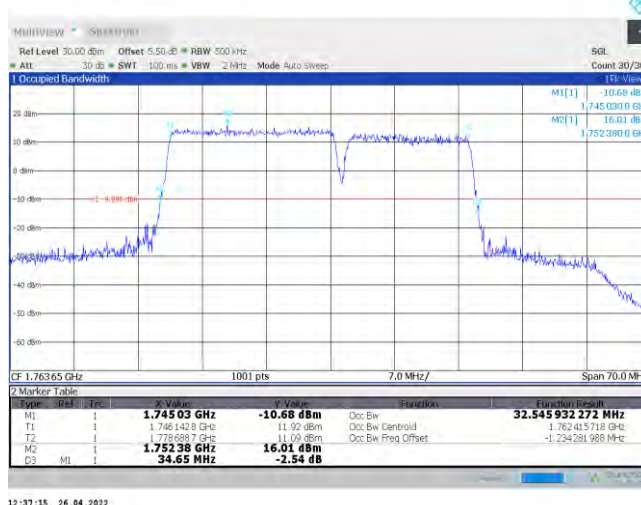
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66-66-20MHz-15MHz-16QAM-16QAM-132348-132519-100RB#0-75RB#0



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



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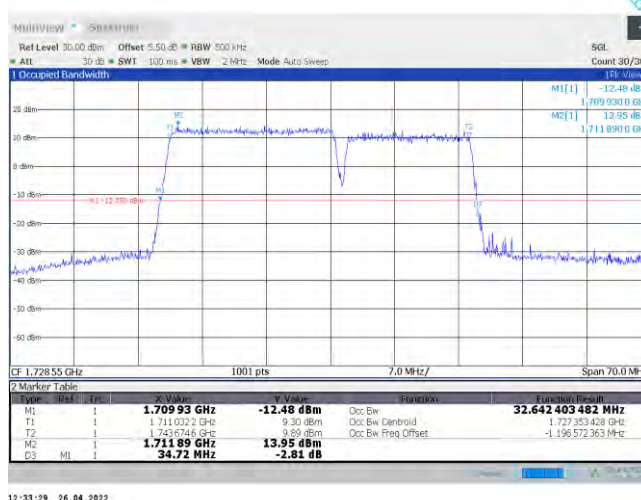
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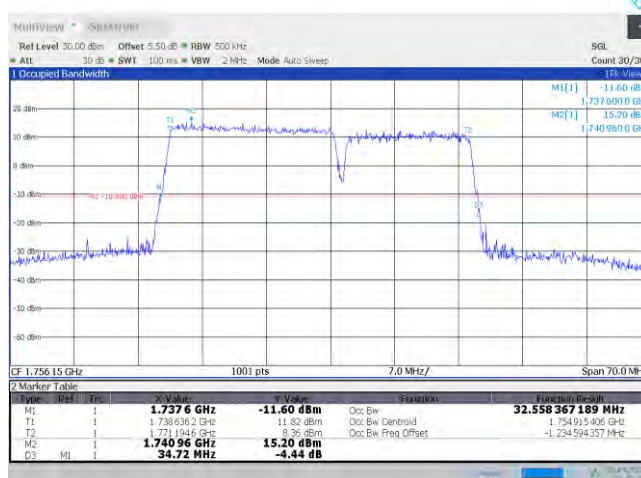
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66-66-20MHz-15MHz-64QAM-64QAM-132072-132243-100RB#0-75RB#0



12:33:29 26.04.2022

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12:35:38 26.04.2022



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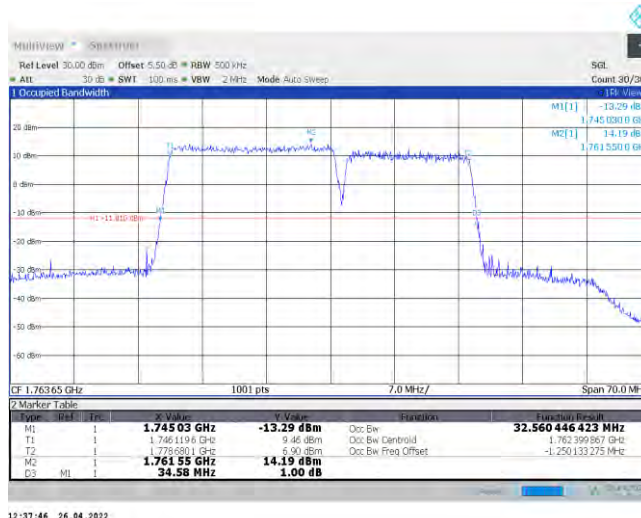
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12:37:46 26.04.2022

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



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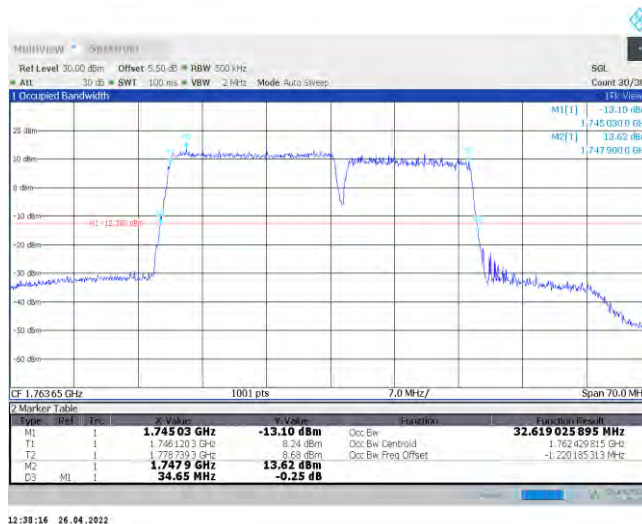
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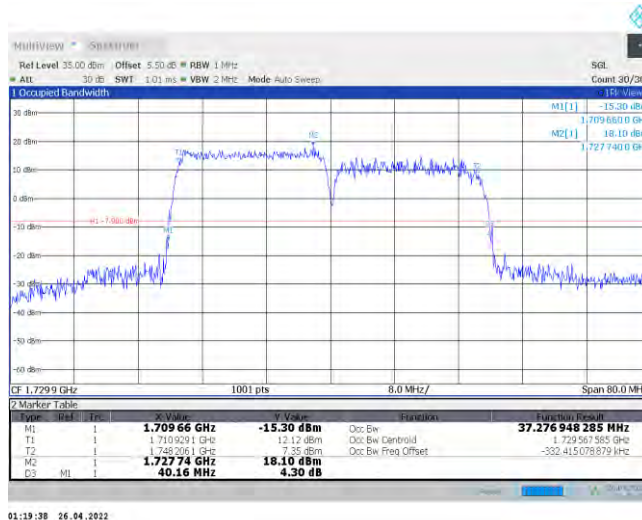
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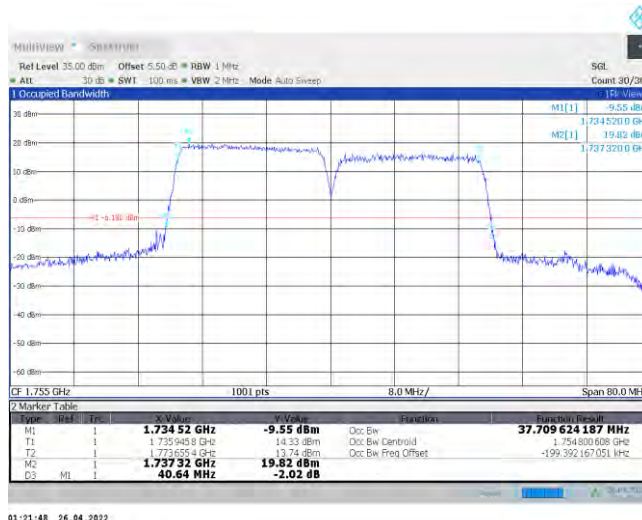
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66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-100RB#0-100RB#0



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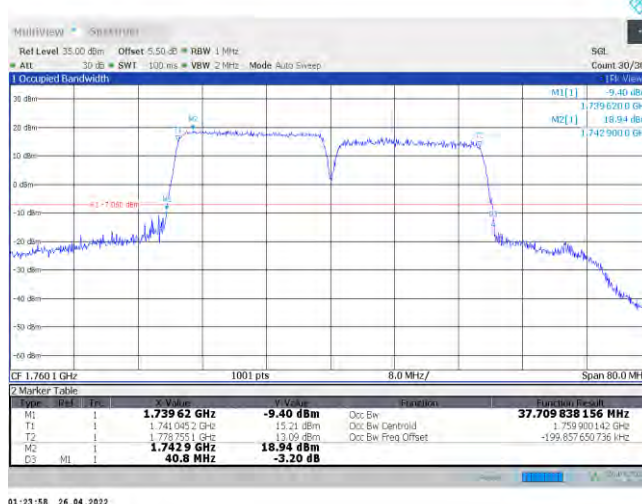
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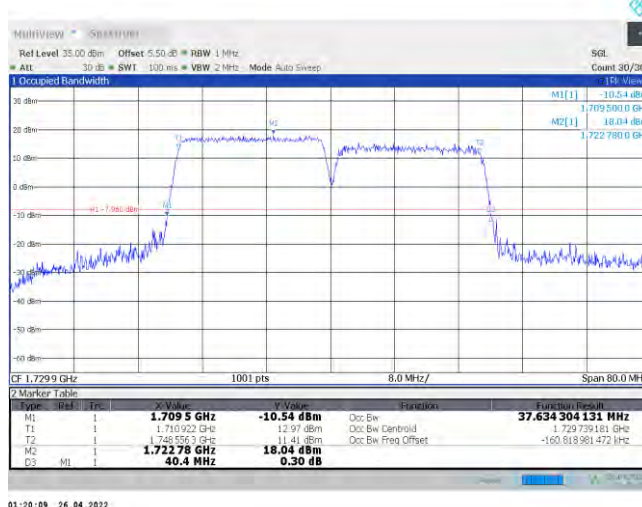
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66-66-20MHz-20MHz-16QAM-16QAM-132072-132270-100RB#0-100RB#0



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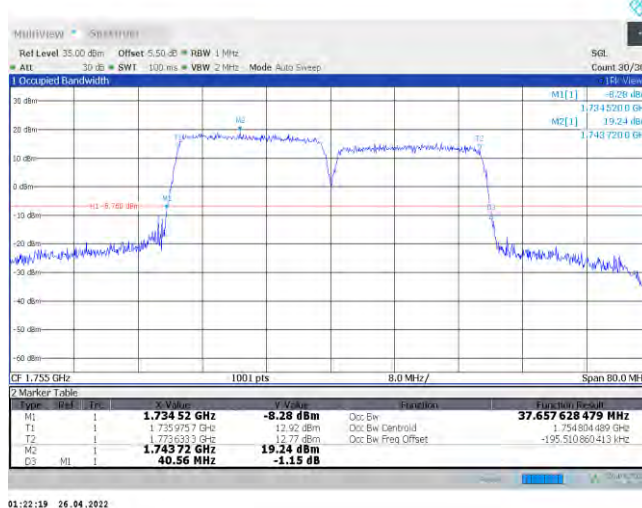
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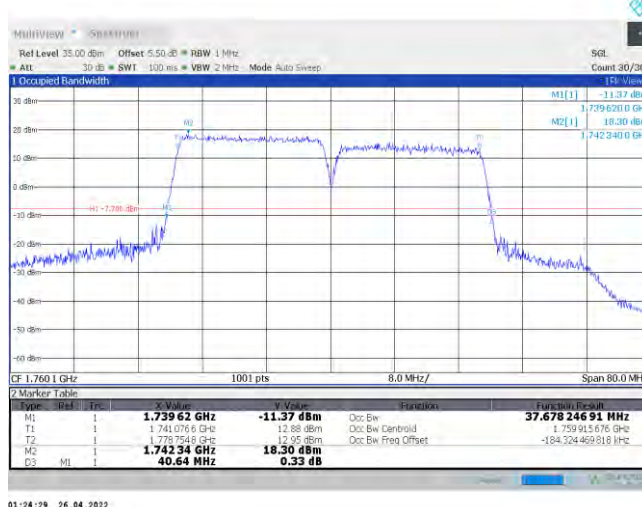
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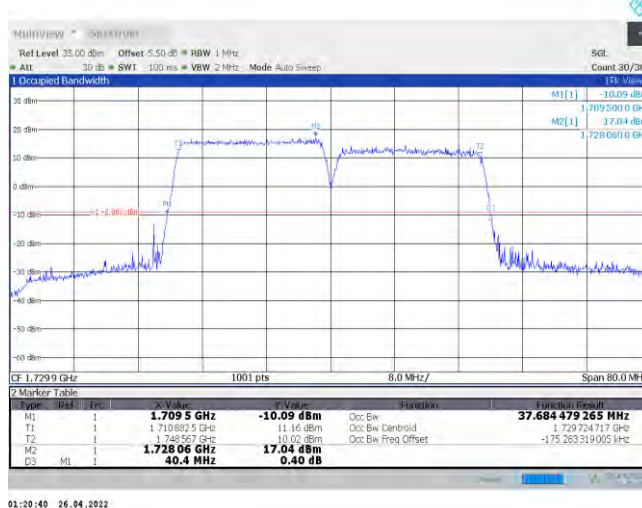
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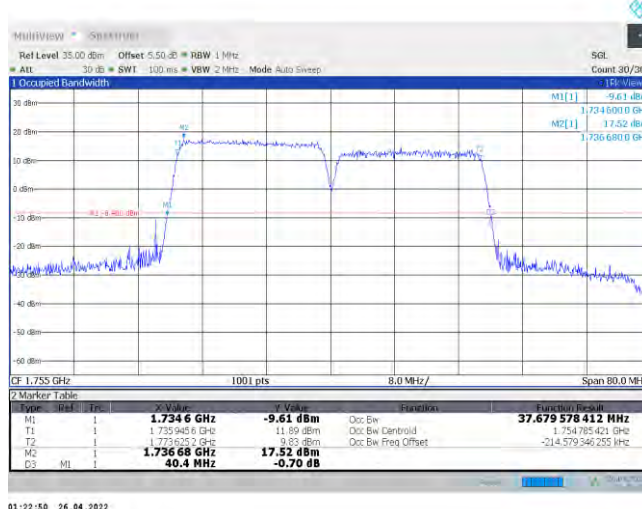
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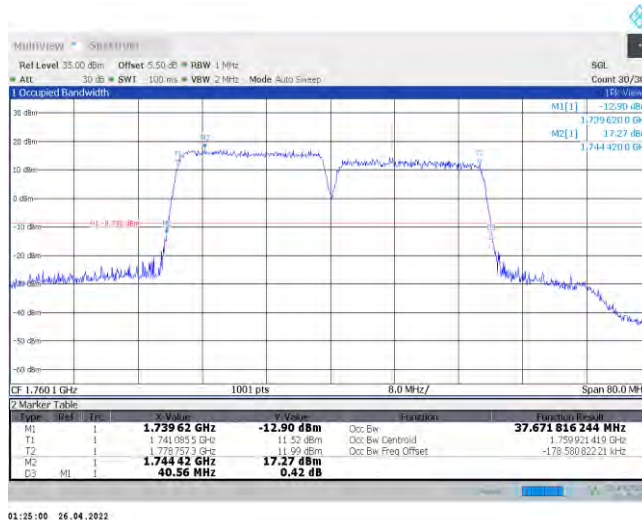
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66-66-20MHz-20MHz-256QAM-256QAM-132072-132270-100RB#0-100RB#0



01:21:11 26.04.2022



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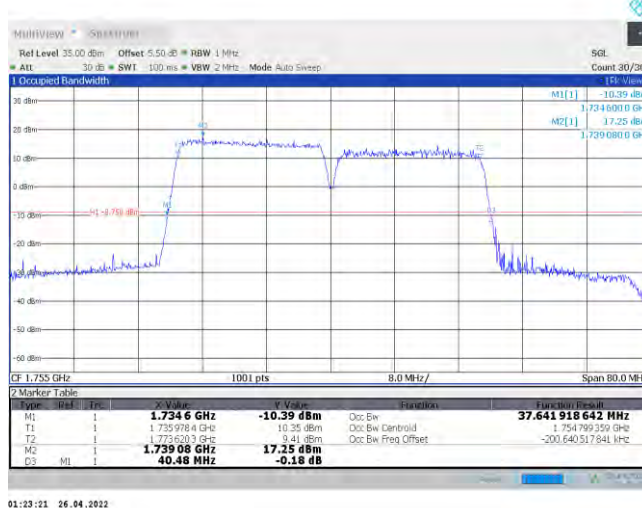
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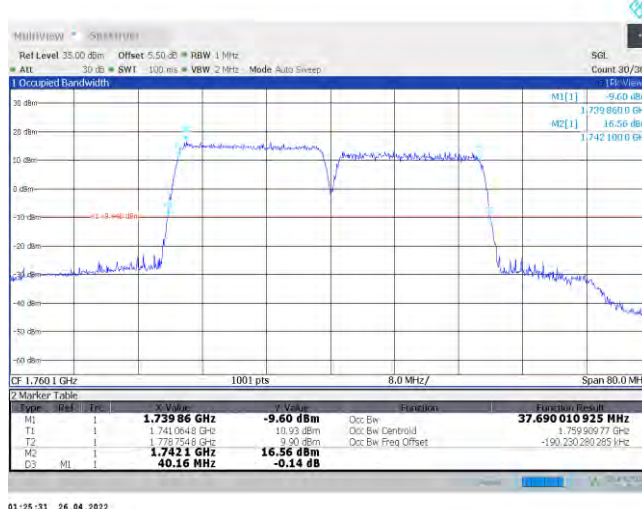
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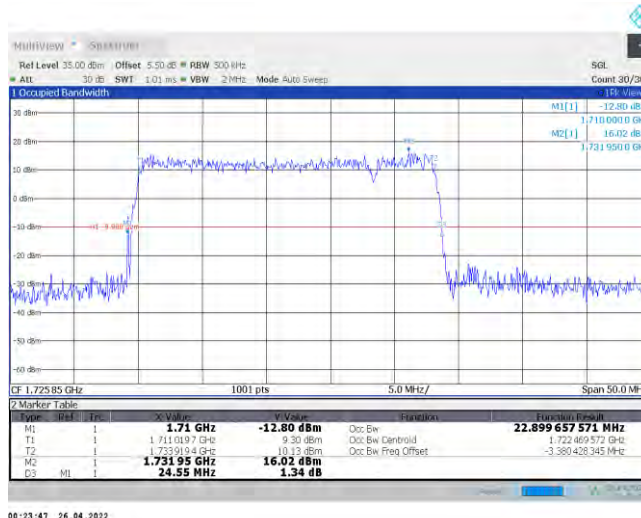
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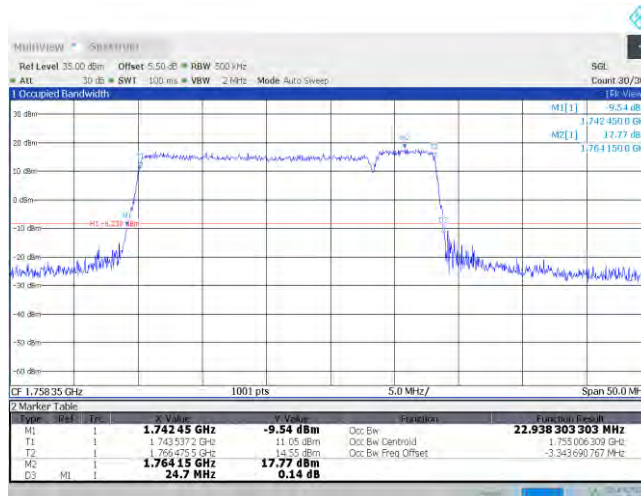
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66-66-20MHz-5MHz-QPSK-QPSK-132072-132189-100RB#0-25RB#0



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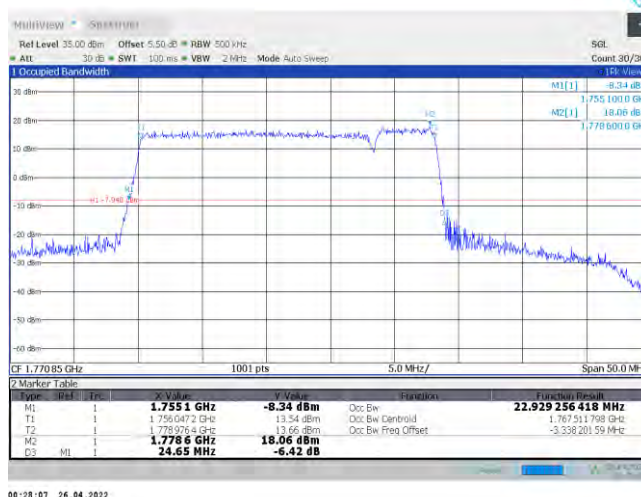
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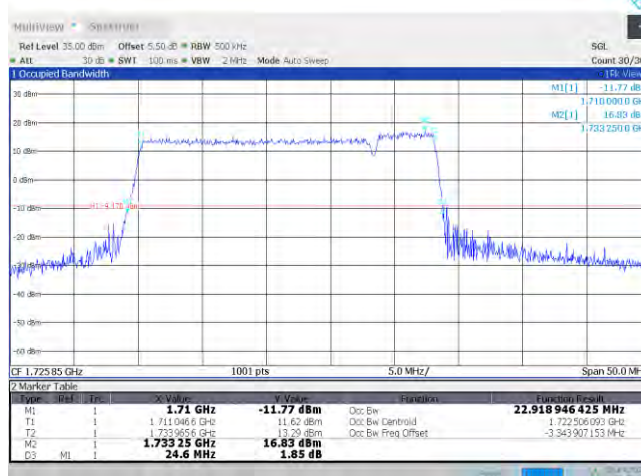
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66-66-20MHz-5MHz-QPSK-QPSK-132522-132639-100RB#0-25RB#0



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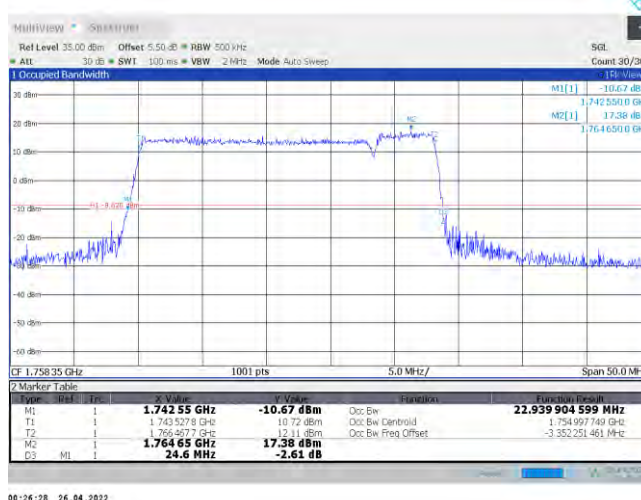
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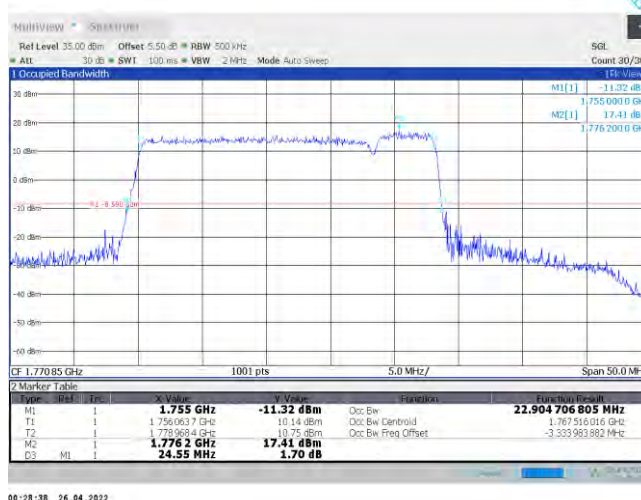
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66-66-20MHz-5MHz-16QAM-16QAM-132397-132514-100RB#0-25RB#0



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



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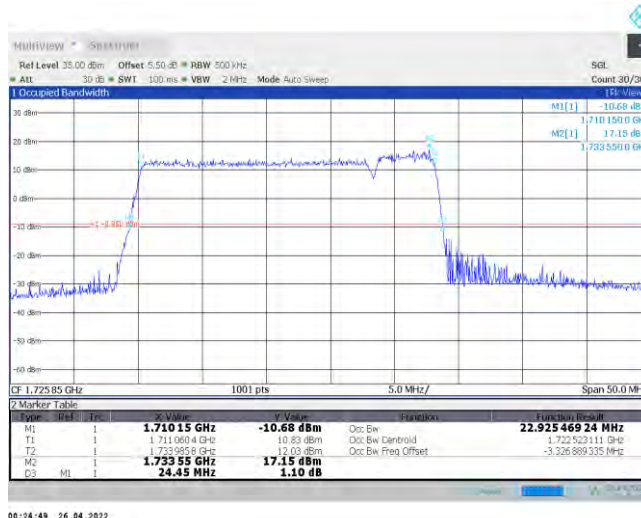
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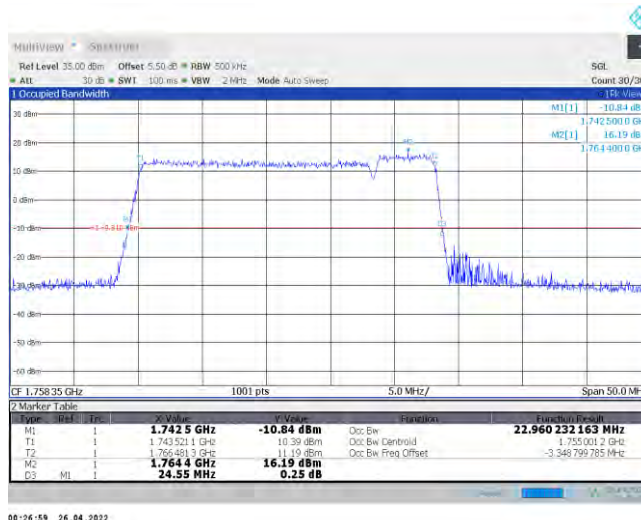
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66-66-20MHz-5MHz-64QAM-64QAM-132072-132189-100RB#0-25RB#0



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



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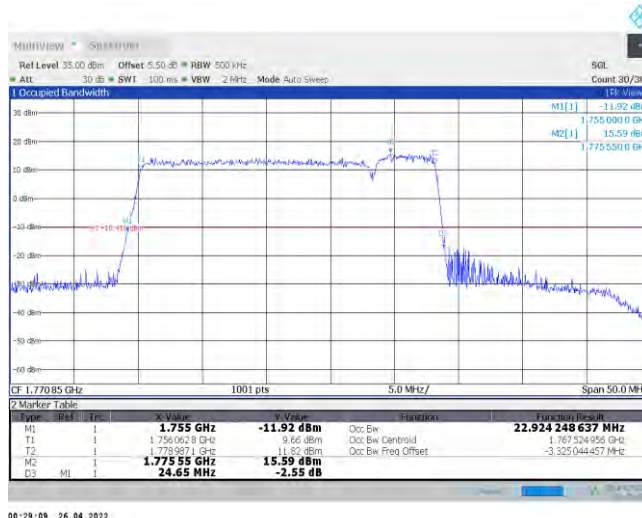
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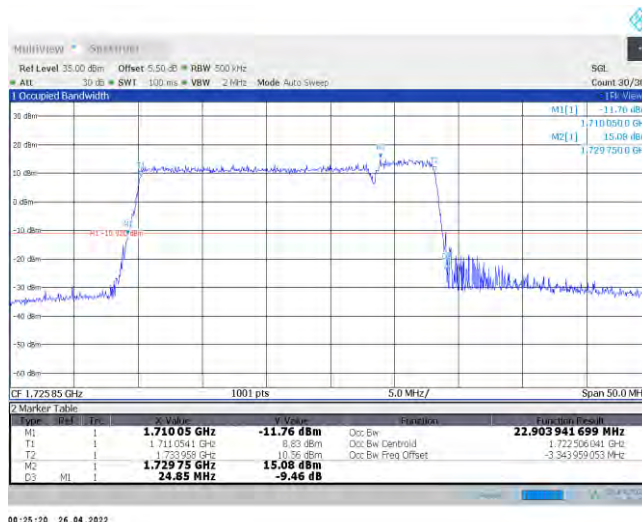
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66-66-20MHz-5MHz-64QAM-64QAM-132522-132639-100RB#0-25RB#0



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



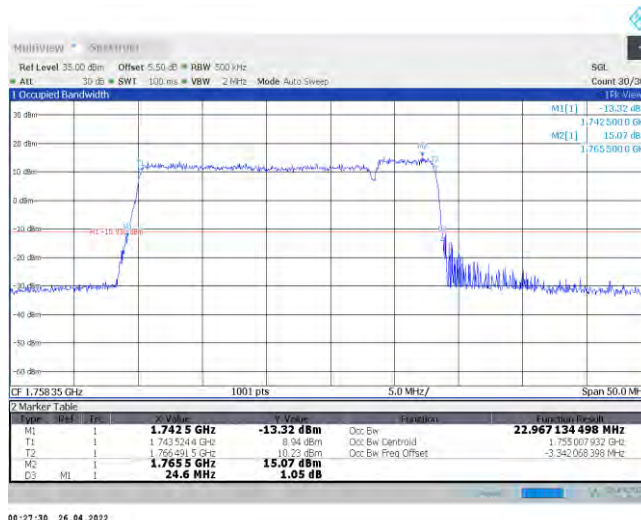
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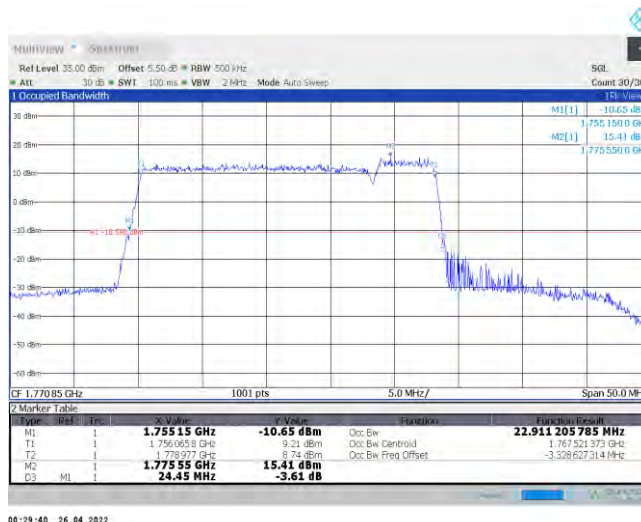
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66-66-20MHz-5MHz-256QAM-256QAM-132397-132514-100RB#0-25RB#0



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



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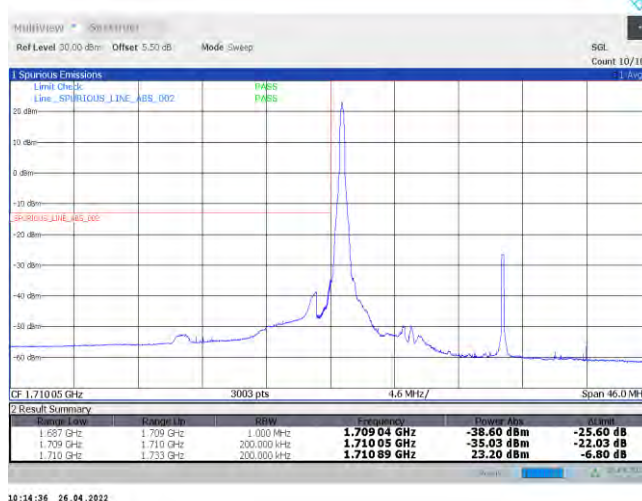
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Band Edge

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



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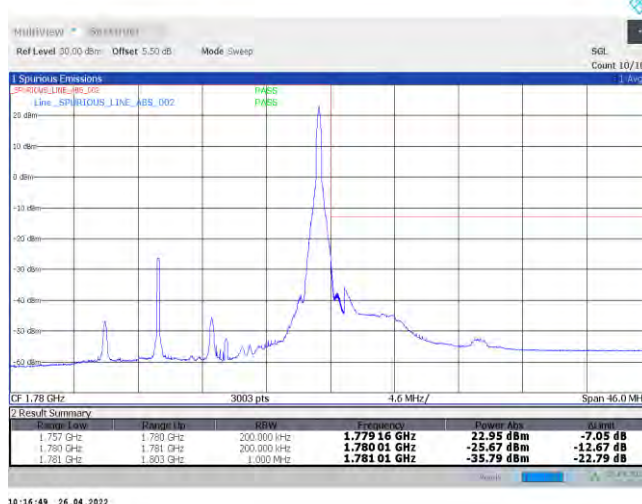
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66-66-10MHz-15MHz-QPSK-QPSK-132477-132597-0RB#0-1RB#74



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



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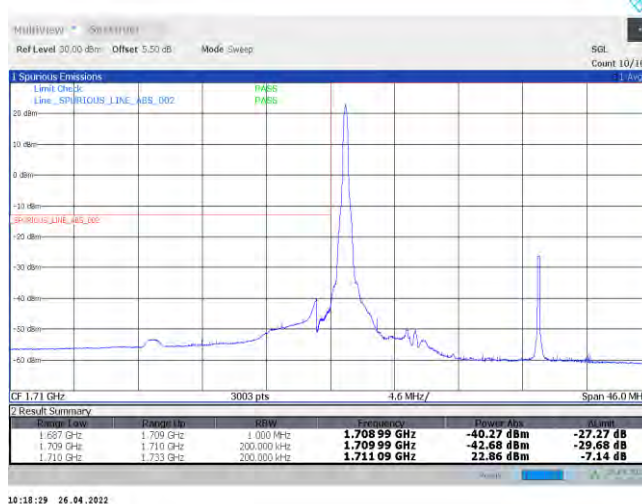
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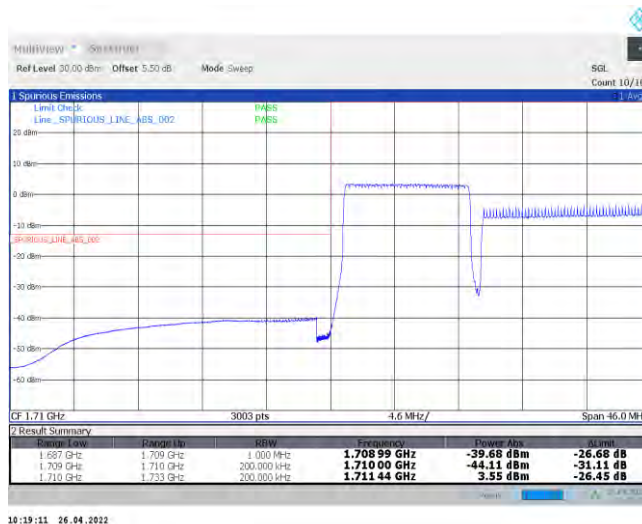
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66-66-10MHz-20MHz-QPSK-QPSK-132027-132171-50RB#0-100RB#0



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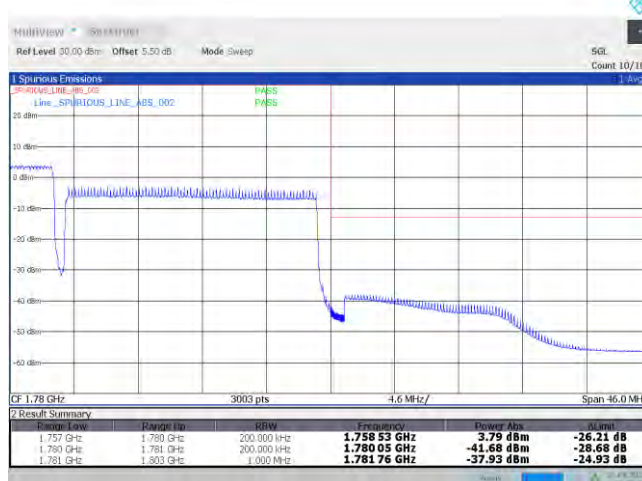
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66-66-10MHz-20MHz-QPSK-QPSK-132428-132572-0RB#0-1RB#99



10:20:42 26.04.2022

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



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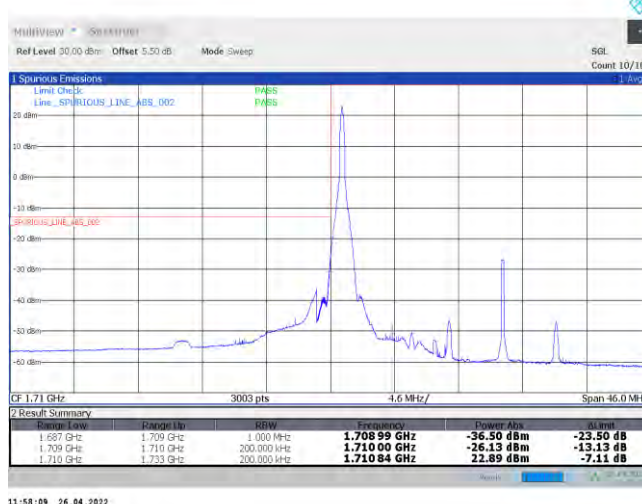
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11:58:09 26.04.2022

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



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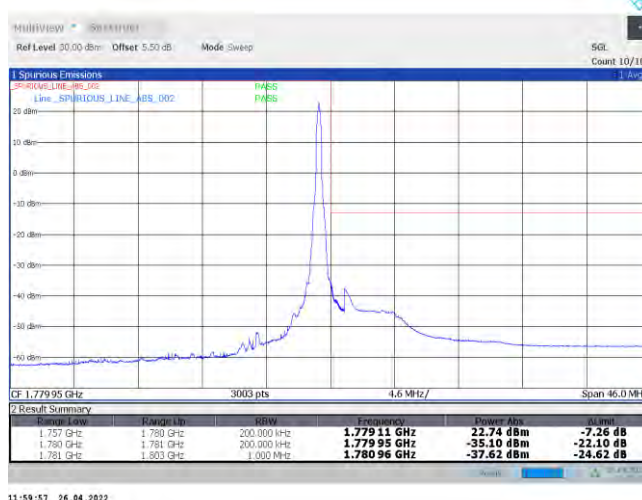
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66-66-15MHz-10MHz-QPSK-QPSK-132499-132619-75RB#0-50RB#0



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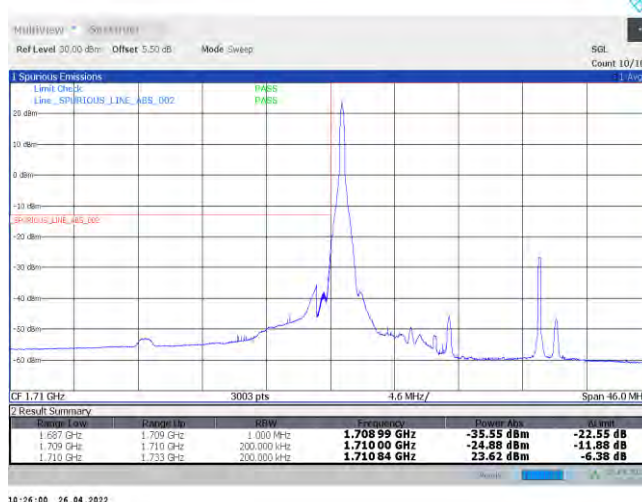
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66-66-15MHz-15MHz-QPSK-QPSK-132047-132197-1RB#0-0RB#0



10:26:00 26.04.2022

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



10:26:43 26.04.2022



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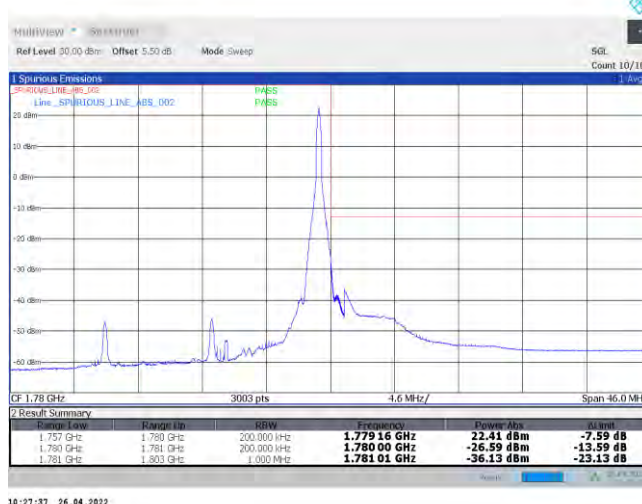
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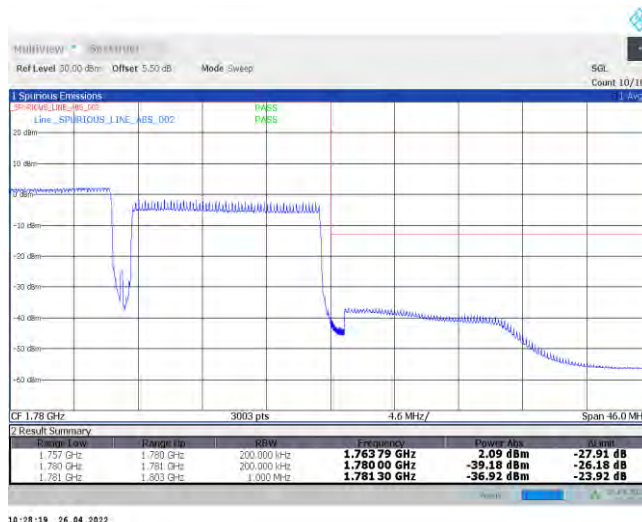
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66-66-15MHz-15MHz-QPSK-QPSK-132447-132597-0RB#0-1RB#74



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



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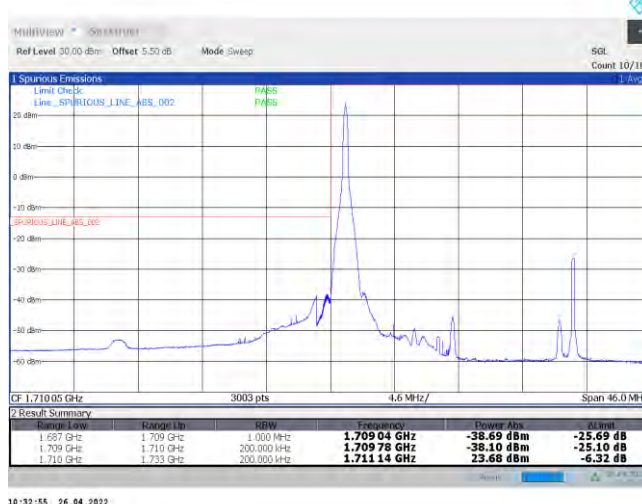
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66-66-15MHz-20MHz-QPSK-QPSK-132050-132221-1RB#0-0RB#0



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



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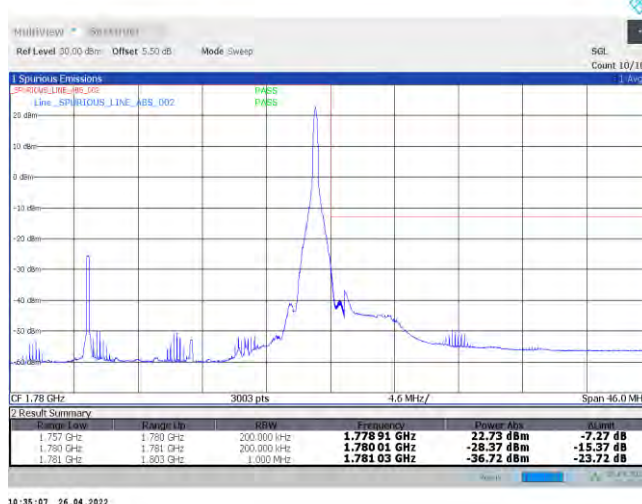
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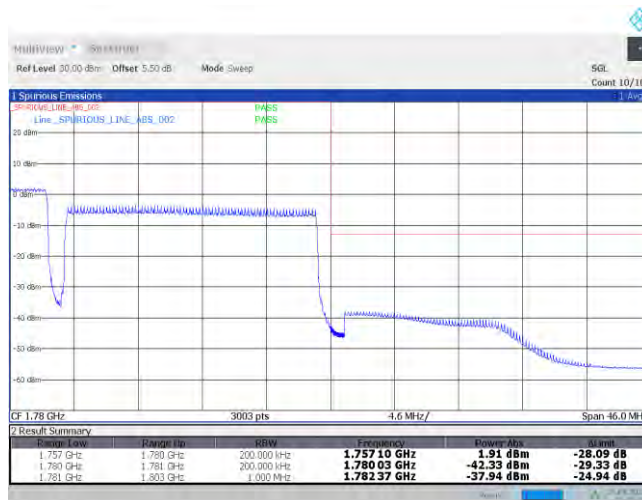
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66-66-15MHz-20MHz-QPSK-QPSK-132401-132572-0RB#0-1RB#99



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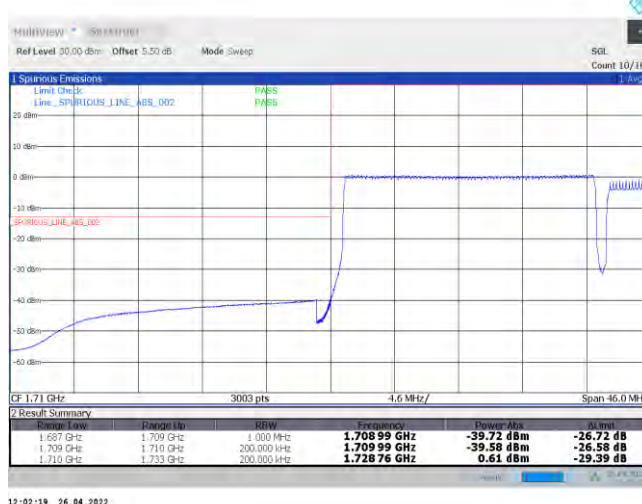
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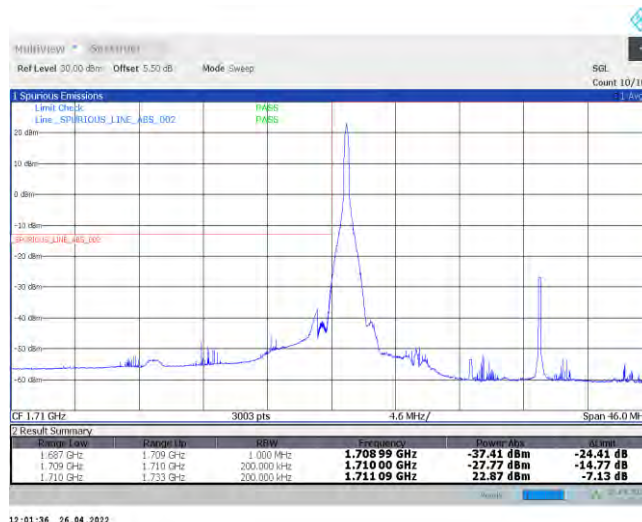
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66-66-20MHz-10MHz-QPSK-QPSK-132072-132216-1RB#0-0RB#0



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



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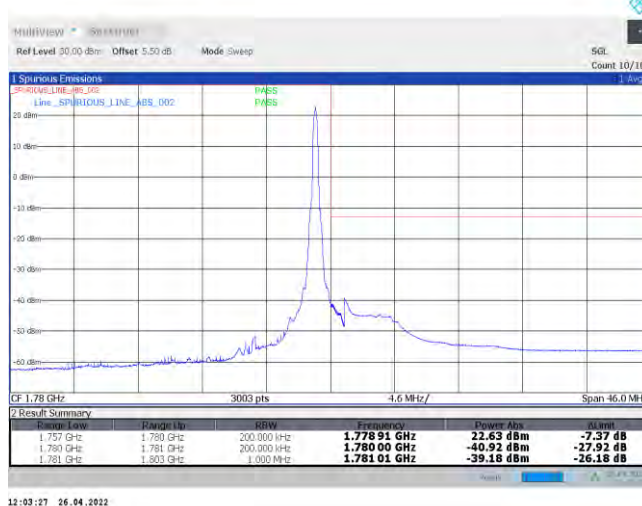
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66-66-20MHz-10MHz-QPSK-QPSK-132473-132617-100RB#0-50RB#0



12:04:09 26.04.2022



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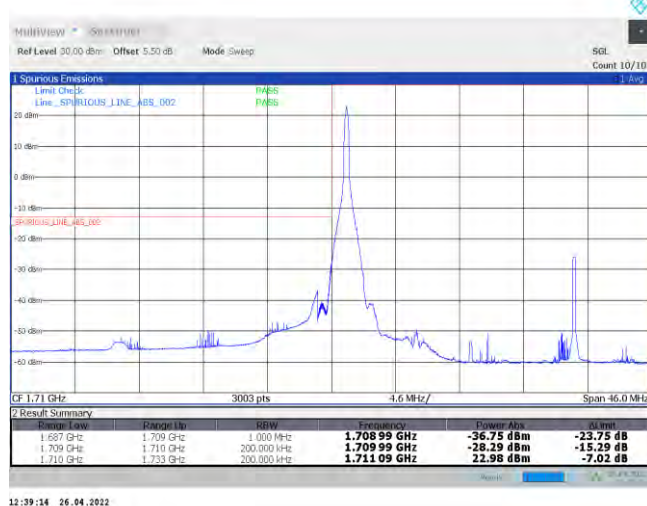
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66-66-20MHz-15MHz-QPSK-QPSK-132072-132243-1RB#0-0RB#0



12:39:14 26.04.2022

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



12:39:57 26.04.2022



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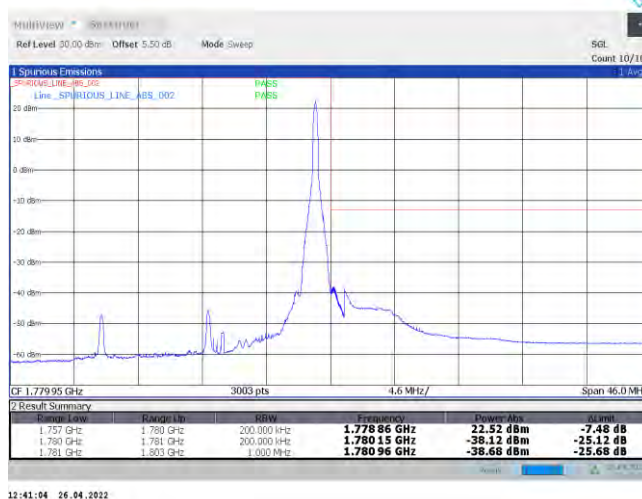
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12:41:04 26.04.2022

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12:41:46 26.04.2022



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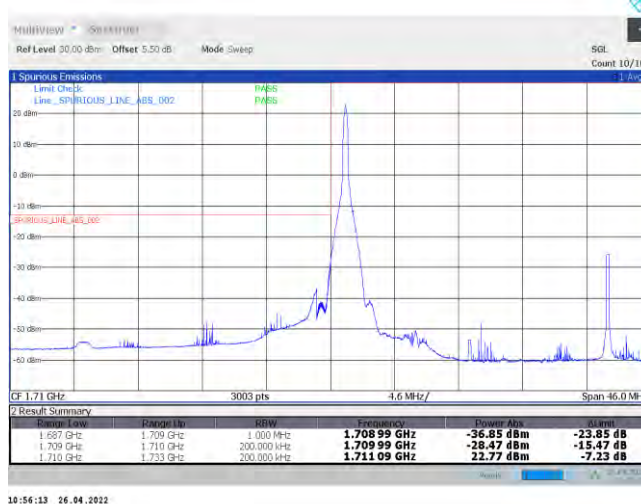
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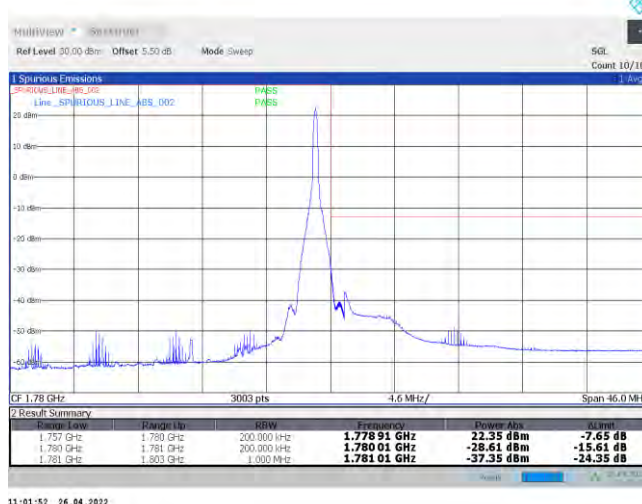
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11:02:34 26.04.2022



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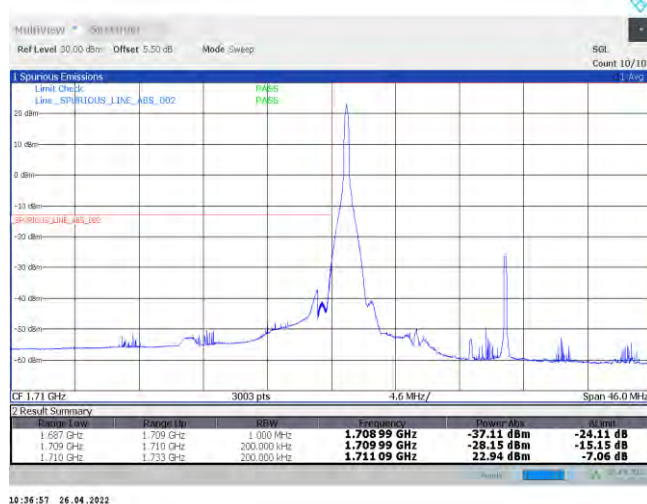
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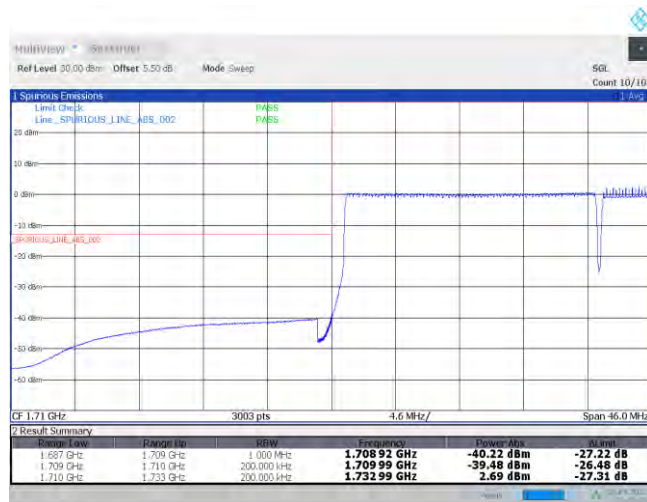
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10:36:57 26.04.2022

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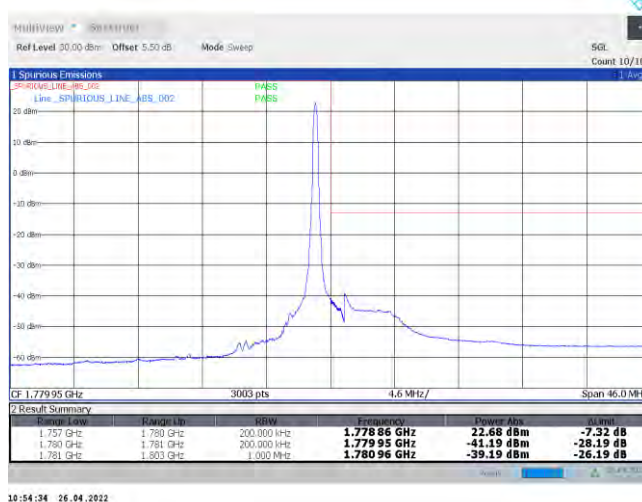
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66-66-20MHz-5MHz-QPSK-QPSK-132522-132639-0RB#0-1RB#24



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



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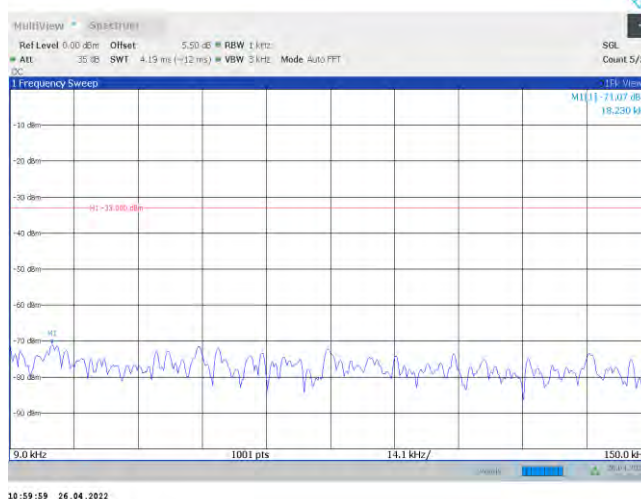
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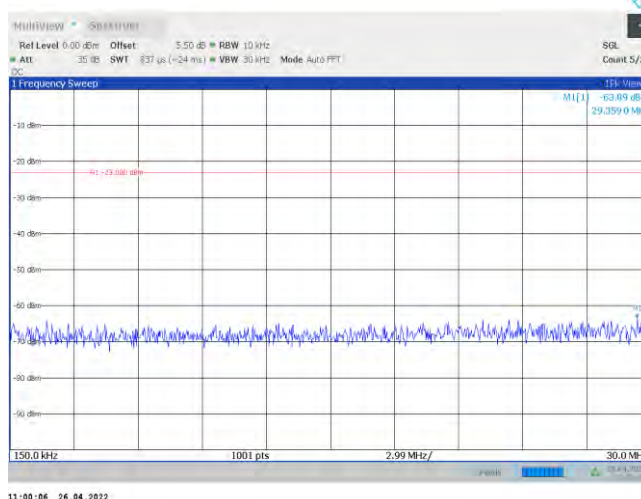
Conducted Spurious Emission

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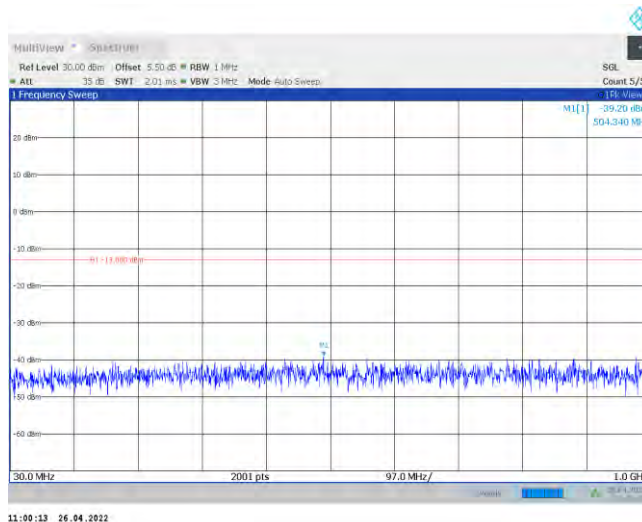
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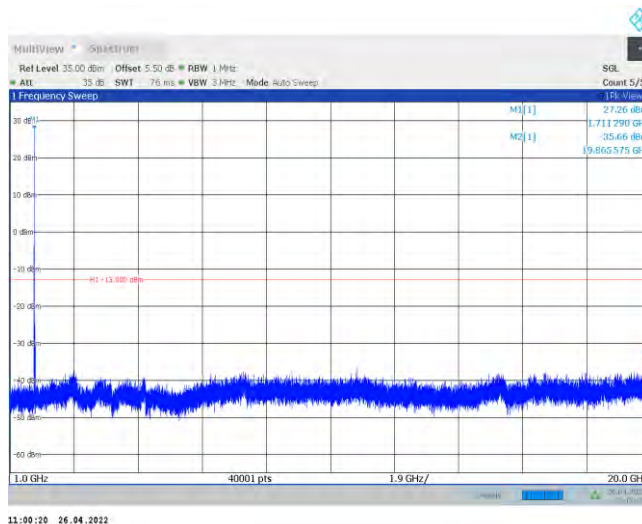
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66-66-20MHz-20MHz-QPSK-QPSK-132072-132270-1RB#0-0RB#0-30~1000MHz



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



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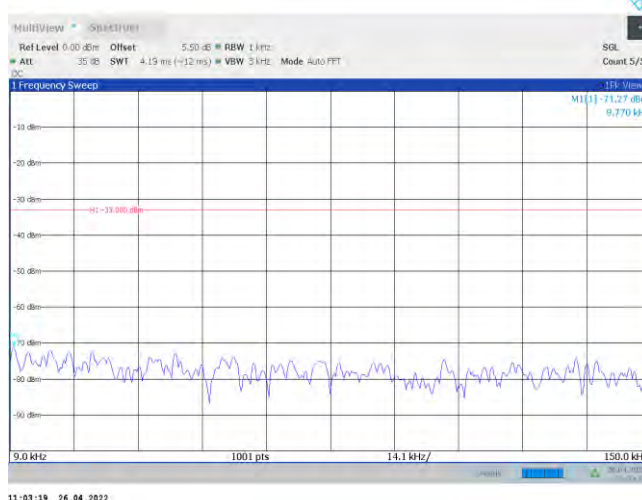
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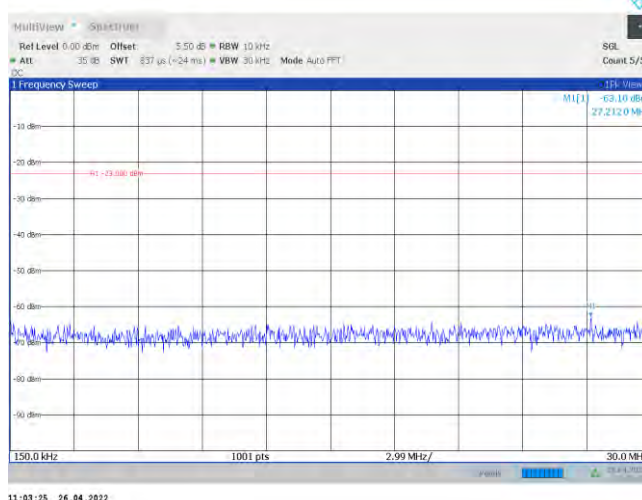
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66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-1RB#0-0RB#0-0.009~0.15MHz



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



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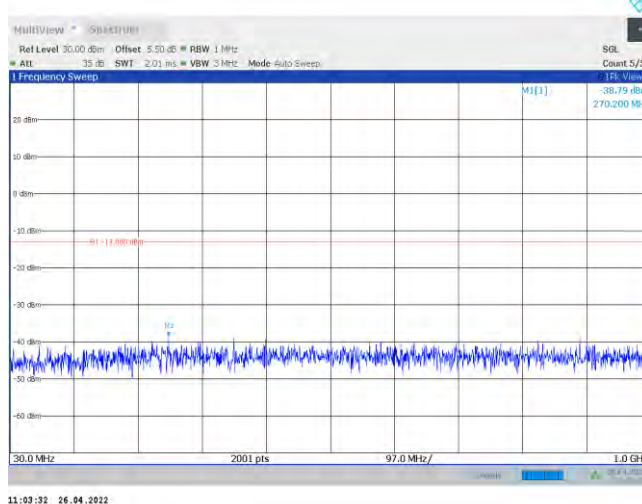
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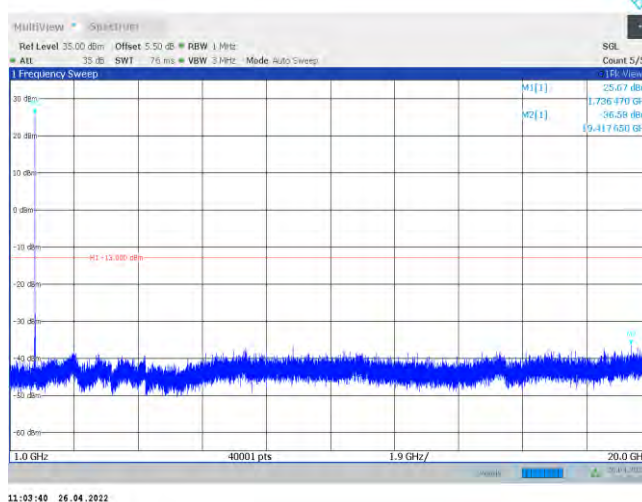
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66-66-20MHz-20MHz-QPSK-QPSK-132323-132521-1RB#0-0RB#0-30~1000MHz



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



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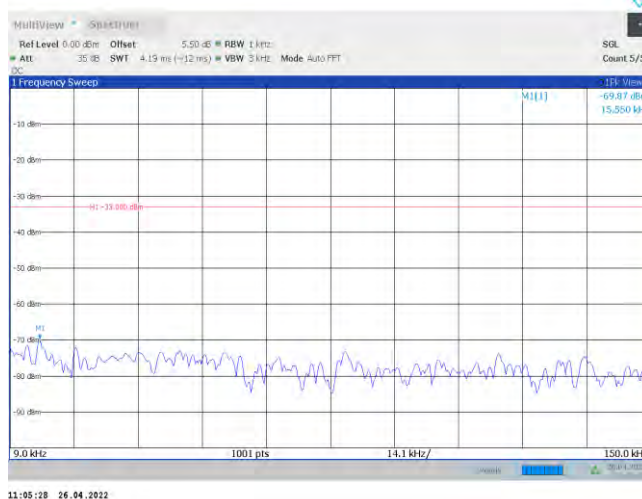
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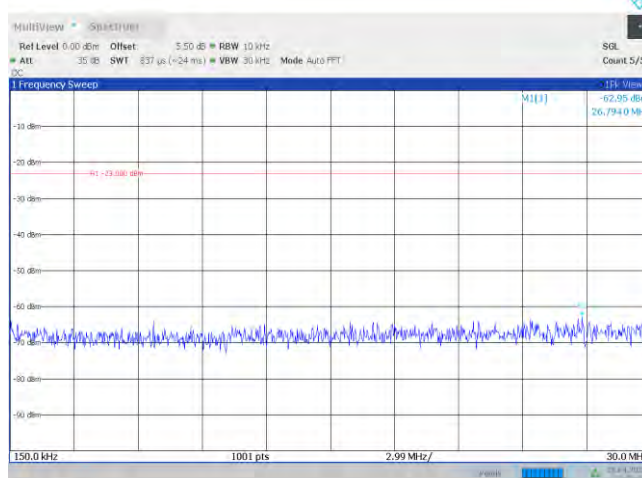
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66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB#0-0RB#0-0.009~0.15MHz



11:05:28 26.04.2022

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



11:05:34 26.04.2022



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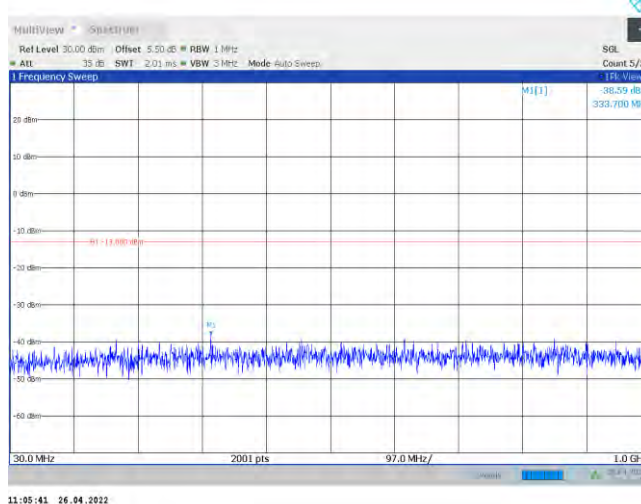
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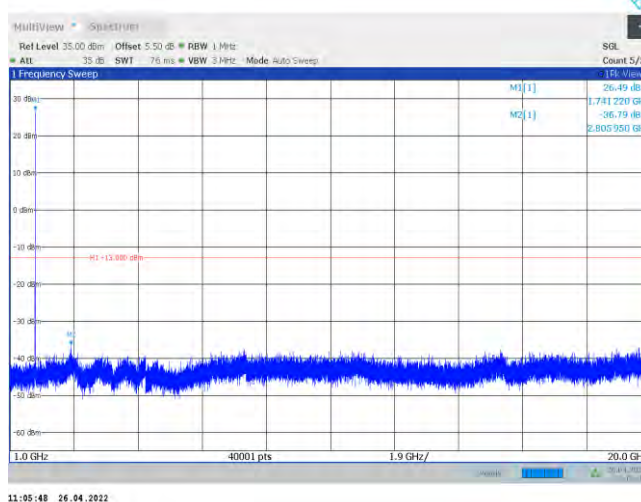
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66-66-20MHz-20MHz-QPSK-QPSK-132374-132572-1RB#0-0RB#0-30~1000MHz



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]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	50.19	-111.74	-61.55	-13.00	48.55	263	359	Horizontal
2	5106.27	48.40	-106.94	-58.54	-13.00	45.54	251	96	Horizontal
3	6808.36	49.43	-101.99	-52.56	-13.00	39.56	174	277	Horizontal
4	8510.45	44.54	-96.74	-52.20	-13.00	39.20	186	351	Horizontal
5	10212.54	44.13	-93.11	-48.98	-13.00	35.98	265	82	Horizontal
6	11914.63	42.70	-91.68	-48.98	-13.00	35.98	214	3	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3422.25	55.37	-111.71	-56.34	-13.00	43.34	263	33	Vertical
2	5106.27	48.42	-106.94	-58.52	-13.00	45.52	302	360	Vertical
3	6808.36	49.12	-101.99	-52.87	-13.00	39.87	142	245	Vertical
4	8510.45	45.31	-96.74	-51.43	-13.00	38.43	265	18	Vertical
5	10212.54	43.40	-93.11	-49.71	-13.00	36.71	284	360	Vertical
6	11914.63	43.70	-91.68	-47.98	-13.00	34.98	175	3	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]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.38	53.74	-111.61	-57.87	-13.00	44.87	263	343	Horizontal
2	5208.57	54.81	-106.80	-51.99	-13.00	38.99	241	162	Horizontal
3	6944.76	48.05	-101.67	-53.62	-13.00	40.62	176	49	Horizontal
4	8680.95	47.15	-96.47	-49.32	-13.00	36.32	284	3	Horizontal
5	10417.14	42.26	-92.76	-50.50	-13.00	37.50	174	114	Horizontal
6	12153.33	42.08	-91.73	-49.65	-13.00	36.65	165	262	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3472.38	55.28	-111.61	-56.33	-13.00	43.33	263	163	Vertical
2	5208.57	52.33	-106.80	-54.47	-13.00	41.47	241	163	Vertical
3	6944.76	48.25	-101.67	-53.42	-13.00	40.42	175	3	Vertical
4	8680.95	47.53	-96.47	-48.94	-13.00	35.94	265	262	Vertical
5	10417.14	41.11	-92.76	-51.65	-13.00	38.65	284	229	Vertical
6	12153.33	42.18	-91.73	-49.55	-13.00	36.55	177	360	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]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3482.58	53.95	-111.58	-57.63	-13.00	44.63	263	257	Horizontal
2	5223.75	55.87	-106.78	-50.91	-13.00	37.91	241	162	Horizontal
3	6965.16	47.34	-101.66	-54.32	-13.00	41.32	175	3	Horizontal
4	8706.45	47.17	-96.34	-49.17	-13.00	36.17	262	162	Horizontal
5	10447.74	41.49	-92.70	-51.21	-13.00	38.21	241	224	Horizontal
6	12189.03	41.42	-91.72	-50.30	-13.00	37.30	178	309	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3482.58	54.67	-111.58	-56.91	-13.00	43.91	210	3	Vertical
2	5223.87	50.16	-106.78	-56.62	-13.00	43.62	241	352	Vertical
3	6965.16	49.54	-101.66	-52.12	-13.00	39.12	176	310	Vertical
4	8706.45	48.16	-96.34	-48.18	-13.00	35.18	263	358	Vertical
5	10447.74	42.09	-92.70	-50.61	-13.00	37.61	211	162	Vertical
6	12189.03	42.34	-91.72	-49.38	-13.00	36.38	120	360	Vertical



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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

The End



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