



# Appendix

## LTE CA\_41C



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**Effective (Isotropic) Radiated Power Output Data Test Result**

**ANT2:**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	1RB#0-0RB#0	23.67	22.47	30.00	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	1RB#0-0RB#0	23.72	22.52	30.00	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	1RB#0-0RB#0	23.81	22.61	30.00	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	1RB#0-0RB#0	22.70	21.5	30.00	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	1RB#0-0RB#0	22.75	21.55	30.00	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	1RB#0-0RB#0	22.84	21.64	30.00	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	1RB#0-0RB#0	21.30	20.1	30.00	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	1RB#0-0RB#0	21.35	20.15	30.00	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	1RB#0-0RB#0	21.42	20.22	30.00	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	12RB#0-0RB#0	23.73	22.53	30.00	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	1RB#0-0RB#0	23.53	22.33	30.00	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	12RB#0-0RB#0	23.80	22.6	30.00	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	1RB#0-0RB#0	23.69	22.49	30.00	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	12RB#0-0RB#0	23.89	22.69	30.00	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	1RB#0-0RB#0	23.70	22.5	30.00	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	12RB#0-0RB#0	22.73	21.53	30.00	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	1RB#0-0RB#0	22.56	21.36	30.00	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	12RB#0-0RB#0	22.77	21.57	30.00	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	1RB#0-0RB#0	22.73	21.53	30.00	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	12RB#0-0RB#0	22.89	21.69	30.00	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	1RB#0-0RB#0	22.78	21.58	30.00	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	12RB#0-0RB#0	21.76	20.56	30.00	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	1RB#0-0RB#0	21.19	19.99	30.00	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	12RB#0-0RB#0	21.80	20.6	30.00	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	1RB#0-0RB#0	21.29	20.09	30.00	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	12RB#0-0RB#0	21.92	20.72	30.00	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	1RB#0-0RB#0	21.36	20.16	30.00	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	1RB#0-0RB#0	23.83	22.63	30.00	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	1RB#0-0RB#0	23.98	22.78	30.00	PASS

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41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	1RB#0-0RB#0	24.01	22.81	30.00	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	1RB#0-0RB#0	22.84	21.64	30.00	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	1RB#0-0RB#0	22.97	21.77	30.00	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	1RB#0-0RB#0	23.02	21.82	30.00	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	1RB#0-0RB#0	21.48	20.28	30.00	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	1RB#0-0RB#0	21.55	20.35	30.00	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	1RB#0-0RB#0	21.60	20.4	30.00	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	16RB#0-0RB#0	23.90	22.7	30.00	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	1RB#0-0RB#0	23.79	22.59	30.00	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	16RB#0-0RB#0	23.95	22.75	30.00	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	1RB#0-0RB#0	23.90	22.7	30.00	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	16RB#0-0RB#0	24.05	22.85	30.00	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	1RB#0-0RB#0	23.95	22.75	30.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	16RB#0-0RB#0	22.93	21.73	30.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	1RB#0-0RB#0	22.76	21.56	30.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	16RB#0-0RB#0	23.00	21.8	30.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	1RB#0-0RB#0	22.88	21.68	30.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	16RB#0-0RB#0	23.08	21.88	30.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	1RB#0-0RB#0	22.93	21.73	30.00	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	16RB#0-0RB#0	21.87	20.67	30.00	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	1RB#0-0RB#0	21.39	20.19	30.00	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	16RB#0-0RB#0	21.90	20.7	30.00	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	1RB#0-0RB#0	21.49	20.29	30.00	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	16RB#0-0RB#0	21.99	20.79	30.00	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	1RB#0-0RB#0	21.52	20.32	30.00	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	16RB#0-0RB#0	23.77	22.57	30.00	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	1RB#0-0RB#0	23.60	22.4	30.00	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	16RB#0-0RB#0	23.86	22.66	30.00	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	1RB#0-0RB#0	23.79	22.59	30.00	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	16RB#0-0RB#0	23.96	22.76	30.00	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	1RB#0-0RB#0	23.75	22.55	30.00	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	16RB#0-0RB#0	22.82	21.62	30.00	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	1RB#0-0RB#0	22.64	21.44	30.00	PASS

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41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	16RB#0-0RB#0	22.90	21.7	30.00	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	1RB#0-0RB#0	22.77	21.57	30.00	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	16RB#0-0RB#0	22.98	21.78	30.00	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	1RB#0-0RB#0	22.77	21.57	30.00	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	16RB#0-0RB#0	21.74	20.54	30.00	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	1RB#0-0RB#0	21.24	20.04	30.00	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	16RB#0-0RB#0	21.84	20.64	30.00	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	1RB#0-0RB#0	21.38	20.18	30.00	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	16RB#0-0RB#0	21.90	20.7	30.00	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	1RB#0-0RB#0	21.37	20.17	30.00	PASS
41-41	20MHz-10MHz	QPSK-QPSK	39750-39894	12RB#0-0RB#0	23.69	22.49	30.00	PASS
41-41	20MHz-10MHz	QPSK-QPSK	39750-39894	1RB#0-0RB#0	23.56	22.36	30.00	PASS
41-41	20MHz-10MHz	QPSK-QPSK	40571-40715	12RB#0-0RB#0	23.75	22.55	30.00	PASS
41-41	20MHz-10MHz	QPSK-QPSK	40571-40715	1RB#0-0RB#0	23.74	22.54	30.00	PASS
41-41	20MHz-10MHz	QPSK-QPSK	41391-41535	12RB#0-0RB#0	23.86	22.66	30.00	PASS
41-41	20MHz-10MHz	QPSK-QPSK	41391-41535	1RB#0-0RB#0	23.79	22.59	30.00	PASS
41-41	20MHz-10MHz	16QAM-16QAM	39750-39894	12RB#0-0RB#0	22.67	21.47	30.00	PASS
41-41	20MHz-10MHz	16QAM-16QAM	39750-39894	1RB#0-0RB#0	22.61	21.41	30.00	PASS
41-41	20MHz-10MHz	16QAM-16QAM	40571-40715	12RB#0-0RB#0	22.72	21.52	30.00	PASS
41-41	20MHz-10MHz	16QAM-16QAM	40571-40715	1RB#0-0RB#0	22.74	21.54	30.00	PASS
41-41	20MHz-10MHz	16QAM-16QAM	41391-41535	12RB#0-0RB#0	22.83	21.63	30.00	PASS
41-41	20MHz-10MHz	16QAM-16QAM	41391-41535	1RB#0-0RB#0	22.83	21.63	30.00	PASS
41-41	20MHz-10MHz	64QAM-64QAM	39750-39894	12RB#0-0RB#0	21.71	20.51	30.00	PASS
41-41	20MHz-10MHz	64QAM-64QAM	39750-39894	1RB#0-0RB#0	21.22	20.02	30.00	PASS
41-41	20MHz-10MHz	64QAM-64QAM	40571-40715	12RB#0-0RB#0	21.75	20.55	30.00	PASS
41-41	20MHz-10MHz	64QAM-64QAM	40571-40715	1RB#0-0RB#0	21.37	20.17	30.00	PASS
41-41	20MHz-10MHz	64QAM-64QAM	41391-41535	12RB#0-0RB#0	21.87	20.67	30.00	PASS
41-41	20MHz-10MHz	64QAM-64QAM	41391-41535	1RB#0-0RB#0	21.40	20.2	30.00	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	18RB#0-0RB#0	23.57	22.37	30.00	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	1RB#0-0RB#0	23.35	22.15	30.00	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	18RB#0-0RB#0	23.63	22.43	30.00	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	1RB#0-0RB#0	23.50	22.3	30.00	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	18RB#0-0RB#0	23.72	22.52	30.00	PASS

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41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	1RB#0-0RB#0	23.50	22.3	30.00	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	18RB#0-0RB#0	22.53	21.33	30.00	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	1RB#0-0RB#0	22.38	21.18	30.00	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	18RB#0-0RB#0	22.59	21.39	30.00	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	1RB#0-0RB#0	22.50	21.3	30.00	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	18RB#0-0RB#0	22.68	21.48	30.00	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	1RB#0-0RB#0	22.55	21.35	30.00	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	18RB#0-0RB#0	21.52	20.32	30.00	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	1RB#0-0RB#0	21.04	19.84	30.00	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	18RB#0-0RB#0	21.59	20.39	30.00	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	1RB#0-0RB#0	21.11	19.91	30.00	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	18RB#0-0RB#0	21.69	20.49	30.00	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	1RB#0-0RB#0	21.15	19.95	30.00	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	1RB#0-0RB#0	23.70	22.5	30.00	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	8RB#0-0RB#0	23.77	22.57	30.00	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	1RB#0-0RB#0	23.84	22.64	30.00	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	8RB#0-0RB#0	23.82	22.62	30.00	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	1RB#0-0RB#0	23.87	22.67	30.00	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	8RB#0-0RB#0	23.89	22.69	30.00	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	1RB#0-0RB#0	22.72	21.52	30.00	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	8RB#0-0RB#0	22.80	21.6	30.00	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	1RB#0-0RB#0	22.84	21.64	30.00	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	8RB#0-0RB#0	22.82	21.62	30.00	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	1RB#0-0RB#0	22.88	21.68	30.00	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	8RB#0-0RB#0	22.91	21.71	30.00	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	1RB#0-0RB#0	21.34	20.14	30.00	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	8RB#0-0RB#0	21.70	20.5	30.00	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	1RB#0-0RB#0	21.43	20.23	30.00	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	8RB#0-0RB#0	21.71	20.51	30.00	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	1RB#0-0RB#0	21.48	20.28	30.00	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	8RB#0-0RB#0	21.82	20.62	30.00	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	1RB#0-0RB#0	22.07	20.87	30.00	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	8RB#0-0RB#0	22.26	21.06	30.00	PASS

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41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	1RB#0-0RB#0	22.14	20.94	30.00	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	8RB#0-0RB#0	22.39	21.19	30.00	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	1RB#0-0RB#0	22.10	20.9	30.00	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	8RB#0-0RB#0	22.38	21.18	30.00	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	1RB#0-0RB#0	21.07	19.87	30.00	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	8RB#0-0RB#0	21.24	20.04	30.00	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	1RB#0-0RB#0	21.20	20	30.00	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	8RB#0-0RB#0	21.36	20.16	30.00	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	1RB#0-0RB#0	21.21	20.01	30.00	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	8RB#0-0RB#0	21.37	20.17	30.00	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	1RB#0-0RB#0	19.74	18.54	30.00	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	8RB#0-0RB#0	20.27	19.07	30.00	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	1RB#0-0RB#0	20.24	19.04	30.00	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	8RB#0-0RB#0	20.28	19.08	30.00	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	1RB#0-0RB#0	20.13	18.93	30.00	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	8RB#0-0RB#0	20.29	19.09	30.00	PASS

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**ANT4:**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	1RB#0-0RB#0	21.64	19.48	30.00	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	1RB#0-0RB#0	21.73	19.57	30.00	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	1RB#0-0RB#0	21.66	19.5	30.00	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	1RB#0-0RB#0	21.54	19.38	30.00	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	1RB#0-0RB#0	21.68	19.52	30.00	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	1RB#0-0RB#0	21.60	19.44	30.00	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	1RB#0-0RB#0	20.86	18.7	30.00	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	1RB#0-0RB#0	20.64	18.48	30.00	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	1RB#0-0RB#0	20.89	18.73	30.00	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	12RB#0-0RB#0	21.85	19.69	30.00	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	1RB#0-0RB#0	21.50	19.34	30.00	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	12RB#0-0RB#0	21.70	19.54	30.00	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	1RB#0-0RB#0	21.60	19.44	30.00	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	12RB#0-0RB#0	21.70	19.54	30.00	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	1RB#0-0RB#0	21.74	19.58	30.00	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	12RB#0-0RB#0	21.02	18.86	30.00	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	1RB#0-0RB#0	20.79	18.63	30.00	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	12RB#0-0RB#0	20.89	18.73	30.00	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	1RB#0-0RB#0	20.54	18.38	30.00	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	12RB#0-0RB#0	20.84	18.68	30.00	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	1RB#0-0RB#0	20.79	18.63	30.00	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	12RB#0-0RB#0	19.53	17.37	30.00	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	1RB#0-0RB#0	19.55	17.39	30.00	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	12RB#0-0RB#0	19.99	17.83	30.00	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	1RB#0-0RB#0	19.55	17.39	30.00	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	12RB#0-0RB#0	19.76	17.6	30.00	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	1RB#0-0RB#0	19.52	17.36	30.00	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	1RB#0-0RB#0	21.58	19.42	30.00	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	1RB#0-0RB#0	21.68	19.52	30.00	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	1RB#0-0RB#0	21.63	19.47	30.00	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	1RB#0-0RB#0	21.46	19.3	30.00	PASS

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41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	1RB#0-0RB#0	21.62	19.46	30.00	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	1RB#0-0RB#0	21.59	19.43	30.00	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	1RB#0-0RB#0	20.64	18.48	30.00	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	1RB#0-0RB#0	20.60	18.44	30.00	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	1RB#0-0RB#0	20.56	18.4	30.00	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	16RB#0-0RB#0	21.80	19.64	30.00	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	1RB#0-0RB#0	21.54	19.38	30.00	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	16RB#0-0RB#0	21.75	19.59	30.00	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	1RB#0-0RB#0	21.65	19.49	30.00	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	16RB#0-0RB#0	21.75	19.59	30.00	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	1RB#0-0RB#0	21.74	19.58	30.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	16RB#0-0RB#0	21.07	18.91	30.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	1RB#0-0RB#0	20.84	18.68	30.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	16RB#0-0RB#0	20.86	18.7	30.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	1RB#0-0RB#0	20.56	18.4	30.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	16RB#0-0RB#0	20.76	18.6	30.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	1RB#0-0RB#0	20.82	18.66	30.00	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	16RB#0-0RB#0	19.61	17.45	30.00	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	1RB#0-0RB#0	19.50	17.34	30.00	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	16RB#0-0RB#0	19.95	17.79	30.00	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	1RB#0-0RB#0	19.52	17.36	30.00	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	16RB#0-0RB#0	19.76	17.6	30.00	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	1RB#0-0RB#0	19.45	17.29	30.00	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	16RB#0-0RB#0	21.91	19.75	30.00	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	1RB#0-0RB#0	21.55	19.39	30.00	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	16RB#0-0RB#0	21.72	19.56	30.00	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	1RB#0-0RB#0	21.59	19.43	30.00	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	16RB#0-0RB#0	21.73	19.57	30.00	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	1RB#0-0RB#0	21.83	19.67	30.00	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	16RB#0-0RB#0	21.08	18.92	30.00	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	1RB#0-0RB#0	20.88	18.72	30.00	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	16RB#0-0RB#0	20.93	18.77	30.00	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	1RB#0-0RB#0	20.52	18.36	30.00	PASS

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41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	16RB#0-0RB#0	20.80	18.64	30.00	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	1RB#0-0RB#0	20.69	18.53	30.00	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	16RB#0-0RB#0	19.54	17.38	30.00	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	1RB#0-0RB#0	19.56	17.4	30.00	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	16RB#0-0RB#0	19.95	17.79	30.00	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	1RB#0-0RB#0	19.48	17.32	30.00	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	16RB#0-0RB#0	19.67	17.51	30.00	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	1RB#0-0RB#0	19.43	17.27	30.00	PASS
41-41	20MHz-10MHz	QPSK-QPSK	39750-39894	12RB#0-0RB#0	21.86	19.7	30.00	PASS
41-41	20MHz-10MHz	QPSK-QPSK	39750-39894	1RB#0-0RB#0	21.54	19.38	30.00	PASS
41-41	20MHz-10MHz	QPSK-QPSK	40571-40715	12RB#0-0RB#0	21.74	19.58	30.00	PASS
41-41	20MHz-10MHz	QPSK-QPSK	40571-40715	1RB#0-0RB#0	21.65	19.49	30.00	PASS
41-41	20MHz-10MHz	QPSK-QPSK	41391-41535	12RB#0-0RB#0	21.75	19.59	30.00	PASS
41-41	20MHz-10MHz	QPSK-QPSK	41391-41535	1RB#0-0RB#0	21.61	19.45	30.00	PASS
41-41	20MHz-10MHz	16QAM-16QAM	39750-39894	12RB#0-0RB#0	20.77	18.61	30.00	PASS
41-41	20MHz-10MHz	16QAM-16QAM	39750-39894	1RB#0-0RB#0	20.55	18.39	30.00	PASS
41-41	20MHz-10MHz	16QAM-16QAM	40571-40715	12RB#0-0RB#0	20.73	18.57	30.00	PASS
41-41	20MHz-10MHz	16QAM-16QAM	40571-40715	1RB#0-0RB#0	20.44	18.28	30.00	PASS
41-41	20MHz-10MHz	16QAM-16QAM	41391-41535	12RB#0-0RB#0	20.72	18.56	30.00	PASS
41-41	20MHz-10MHz	16QAM-16QAM	41391-41535	1RB#0-0RB#0	20.64	18.48	30.00	PASS
41-41	20MHz-10MHz	64QAM-64QAM	39750-39894	12RB#0-0RB#0	19.67	17.51	30.00	PASS
41-41	20MHz-10MHz	64QAM-64QAM	39750-39894	1RB#0-0RB#0	19.49	17.33	30.00	PASS
41-41	20MHz-10MHz	64QAM-64QAM	40571-40715	12RB#0-0RB#0	19.73	17.57	30.00	PASS
41-41	20MHz-10MHz	64QAM-64QAM	40571-40715	1RB#0-0RB#0	19.42	17.26	30.00	PASS
41-41	20MHz-10MHz	64QAM-64QAM	41391-41535	12RB#0-0RB#0	19.56	17.4	30.00	PASS
41-41	20MHz-10MHz	64QAM-64QAM	41391-41535	1RB#0-0RB#0	19.39	17.23	30.00	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	18RB#0-0RB#0	21.76	19.6	30.00	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	1RB#0-0RB#0	21.68	19.52	30.00	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	18RB#0-0RB#0	21.75	19.59	30.00	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	1RB#0-0RB#0	21.53	19.37	30.00	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	18RB#0-0RB#0	21.55	19.39	30.00	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	1RB#0-0RB#0	21.82	19.66	30.00	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	18RB#0-0RB#0	20.56	18.4	30.00	PASS

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41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	1RB#0-0RB#0	20.83	18.67	30.00	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	18RB#0-0RB#0	20.52	18.36	30.00	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	1RB#0-0RB#0	20.77	18.61	30.00	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	18RB#0-0RB#0	20.47	18.31	30.00	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	1RB#0-0RB#0	20.67	18.51	30.00	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	18RB#0-0RB#0	19.52	17.36	30.00	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	1RB#0-0RB#0	19.54	17.38	30.00	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	18RB#0-0RB#0	19.37	17.21	30.00	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	1RB#0-0RB#0	19.64	17.48	30.00	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	18RB#0-0RB#0	19.69	17.53	30.00	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	1RB#0-0RB#0	19.31	17.15	30.00	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	1RB#0-0RB#0	21.81	19.65	30.00	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	8RB#0-0RB#0	21.64	19.48	30.00	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	1RB#0-0RB#0	21.75	19.59	30.00	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	8RB#0-0RB#0	21.55	19.39	30.00	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	1RB#0-0RB#0	21.64	19.48	30.00	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	8RB#0-0RB#0	21.85	19.69	30.00	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	1RB#0-0RB#0	20.54	18.38	30.00	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	8RB#0-0RB#0	20.82	18.66	30.00	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	1RB#0-0RB#0	20.53	18.37	30.00	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	8RB#0-0RB#0	20.82	18.66	30.00	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	1RB#0-0RB#0	20.50	18.34	30.00	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	8RB#0-0RB#0	20.73	18.57	30.00	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	1RB#0-0RB#0	19.62	17.46	30.00	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	8RB#0-0RB#0	19.61	17.45	30.00	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	1RB#0-0RB#0	19.44	17.28	30.00	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	8RB#0-0RB#0	19.58	17.42	30.00	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	1RB#0-0RB#0	19.60	17.44	30.00	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	8RB#0-0RB#0	19.28	17.12	30.00	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	1RB#0-0RB#0	21.72	19.56	30.00	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	8RB#0-0RB#0	21.59	19.43	30.00	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	1RB#0-0RB#0	21.66	19.5	30.00	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	8RB#0-0RB#0	21.65	19.49	30.00	PASS

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41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	1RB#0-0RB#0	21.69	19.53	30.00	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	8RB#0-0RB#0	21.82	19.66	30.00	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	1RB#0-0RB#0	20.63	18.47	30.00	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	8RB#0-0RB#0	20.84	18.68	30.00	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	1RB#0-0RB#0	20.60	18.44	30.00	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	8RB#0-0RB#0	20.76	18.6	30.00	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	1RB#0-0RB#0	20.50	18.34	30.00	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	8RB#0-0RB#0	20.68	18.52	30.00	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	1RB#0-0RB#0	19.59	17.43	30.00	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	8RB#0-0RB#0	19.57	17.41	30.00	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	1RB#0-0RB#0	19.42	17.26	30.00	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	8RB#0-0RB#0	19.52	17.36	30.00	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	1RB#0-0RB#0	19.67	17.51	30.00	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	8RB#0-0RB#0	19.35	17.19	30.00	PASS

**Remark:**

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

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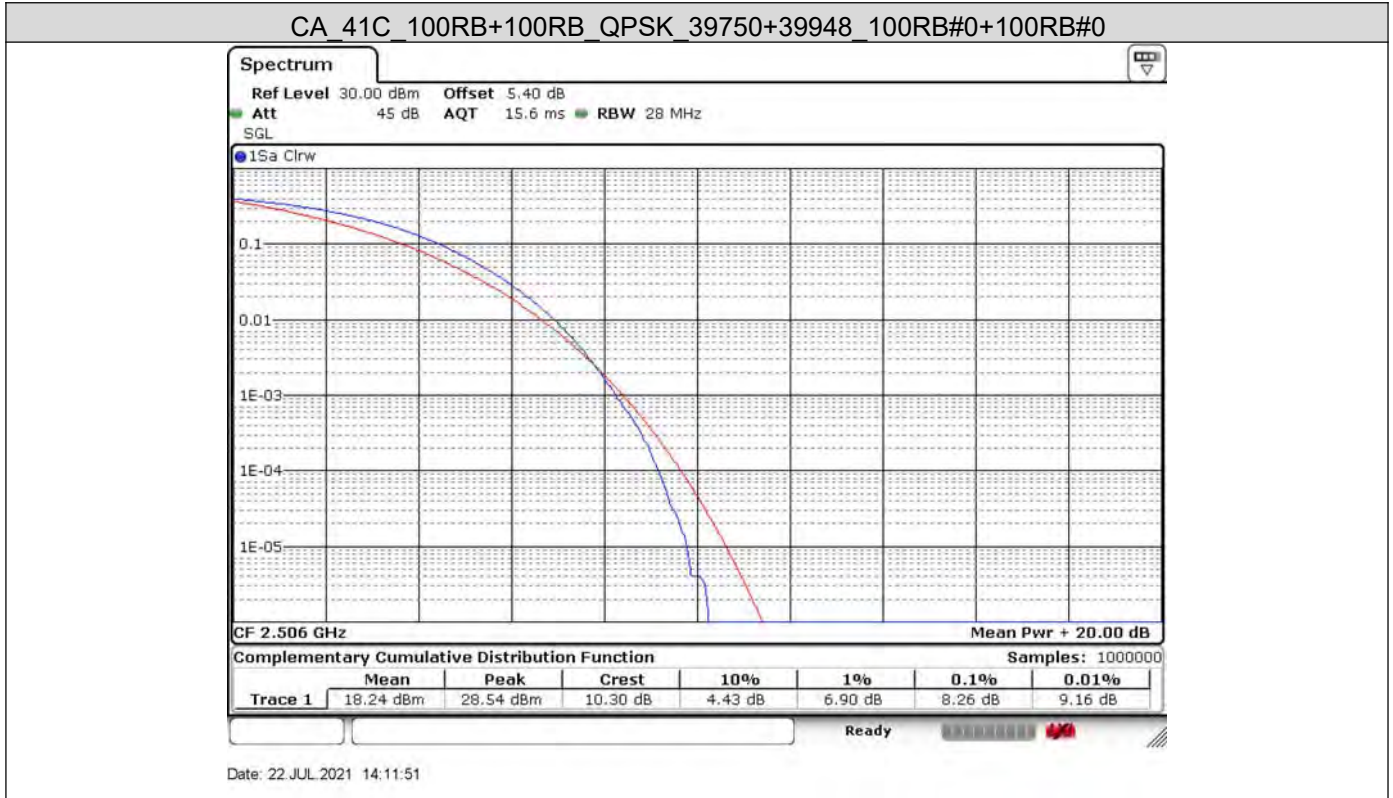
**Peak-to-Average Ratio(CCDF)  
Test Result**

Test Band	Modulation	Test Mode	Test Channel	PCC RB Config	SCC RB Config	Measured [dB]	Limit [dB]	Verdict
CA_41C	QPSK	100RB+100RB	39750+39948	100RB#0	100RB#0	8.26	13.00	PASS
CA_41C	QPSK	100RB+100RB	40521+40719	100RB#0	100RB#0	8.29	13.00	PASS
CA_41C	QPSK	100RB+100RB	41292+41490	100RB#0	100RB#0	8.49	13.00	PASS
CA_41C	16QAM	100RB+100RB	39750+39948	100RB#0	100RB#0	9.07	13.00	PASS
CA_41C	16QAM	100RB+100RB	40521+40719	100RB#0	100RB#0	8.84	13.00	PASS
CA_41C	16QAM	100RB+100RB	41292+41490	100RB#0	100RB#0	8.84	13.00	PASS
CA_41C	64QAM	100RB+100RB	39750+39948	100RB#0	100RB#0	9.19	13.00	PASS
CA_41C	64QAM	100RB+100RB	40521+40719	100RB#0	100RB#0	9.25	13.00	PASS
CA_41C	64QAM	100RB+100RB	41292+41490	100RB#0	100RB#0	9.01	13.00	PASS



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**Test Graphs**



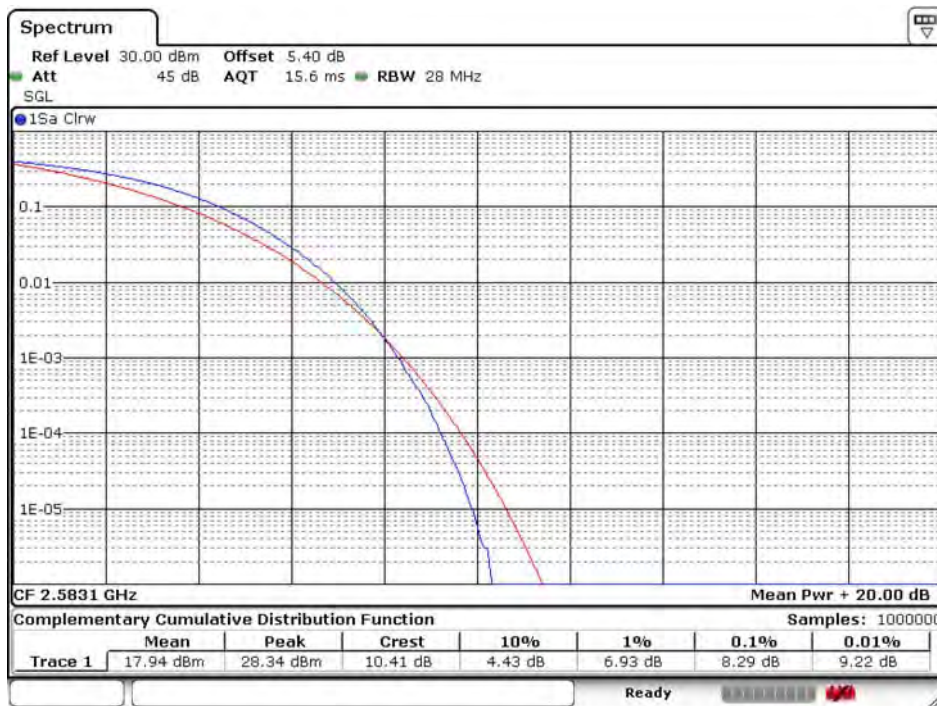
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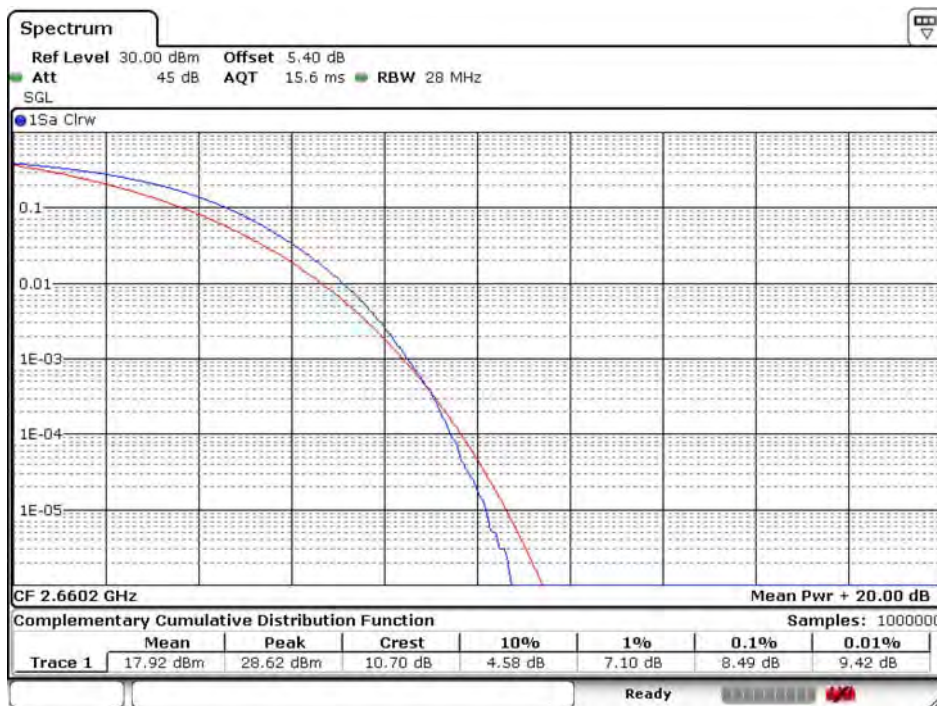


CA\_41C\_100RB+100RB\_QPSK\_40521+40719\_100RB#0+100RB#0



Date: 22 JUL 2021 14:13:10

CA\_41C\_100RB+100RB\_QPSK\_41292+41490\_100RB#0+100RB#0



Date: 22 JUL 2021 14:09:05

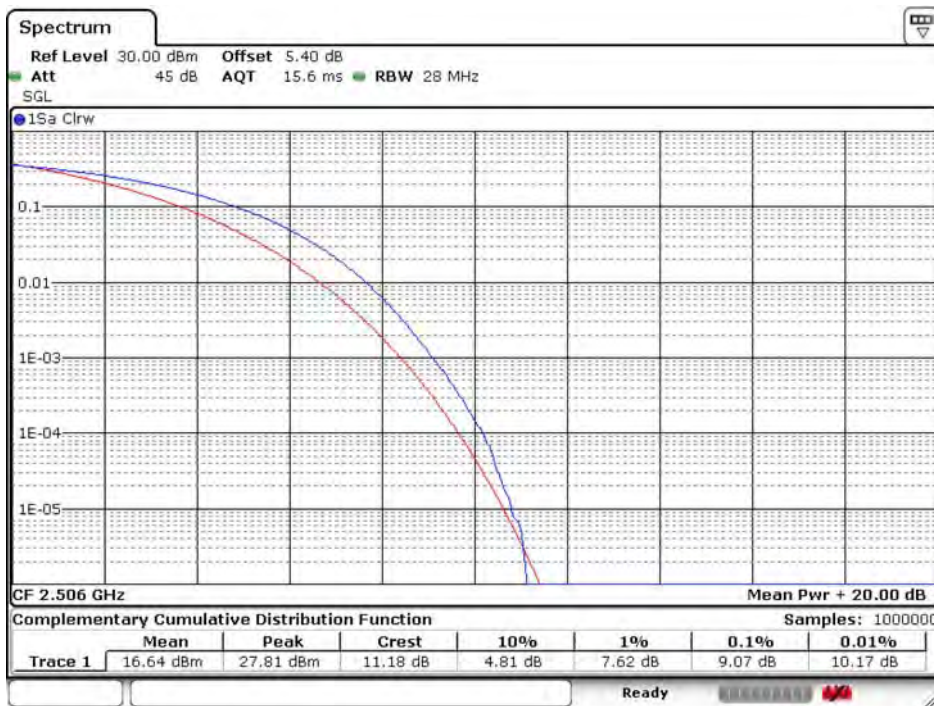


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CA\_41C\_100RB+100RB\_16QAM\_39750+39948\_100RB#0+100RB#0



Date: 22 JUL 2021 14:11:35

CA\_41C\_100RB+100RB\_16QAM\_40521+40719\_100RB#0+100RB#0



Date: 22 JUL 2021 14:13:25



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CA\_41C\_100RB+100RB\_16QAM\_41292+41490\_100RB#0+100RB#0



Date: 22 JUL 2021 14:09:19

CA\_41C\_100RB+100RB\_64QAM\_39750+39948\_100RB#0+100RB#0



Date: 22 JUL 2021 14:11:17



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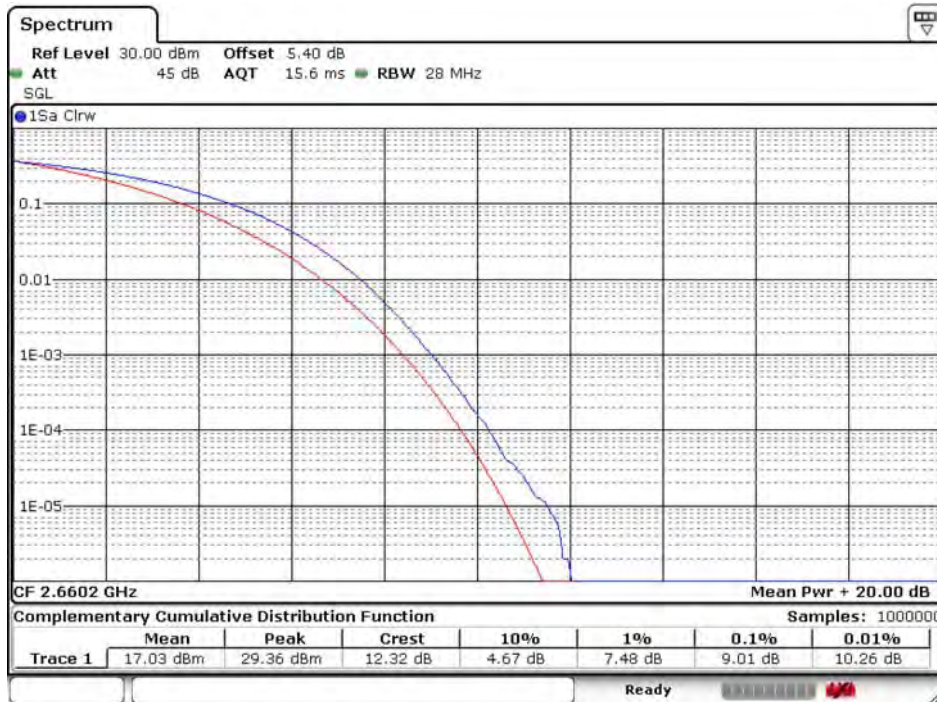


CA\_41C\_100RB+100RB\_64QAM\_40521+40719\_100RB#0+100RB#0



Date: 22 JUL 2021 14:13:37

CA\_41C\_100RB+100RB\_64QAM\_41292+41490\_100RB#0+100RB#0



Date: 22 JUL 2021 14:09:33







Remark: all modulation and all Bandwidth had been tested, but only the worst configuration was displayed in this report.



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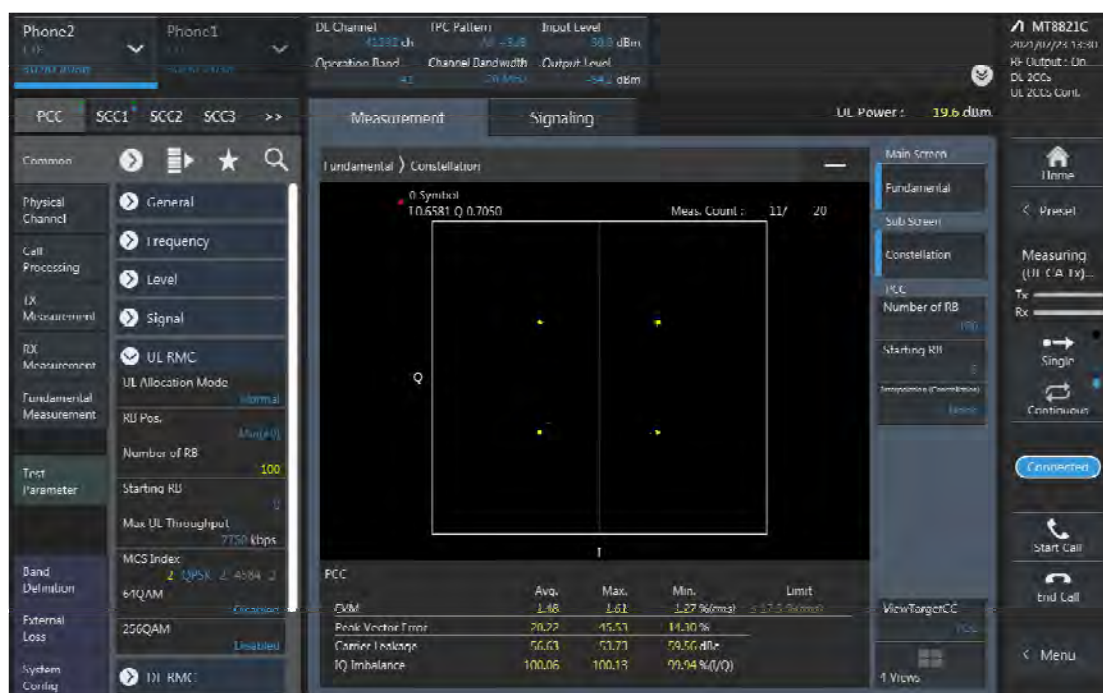
## Modulation Characteristics

### For LTE

## Test Band = LTE Band CA\_41C

Test Mode = LTE /QPSK 100RB+100RB

Test Channel = 40521+40719

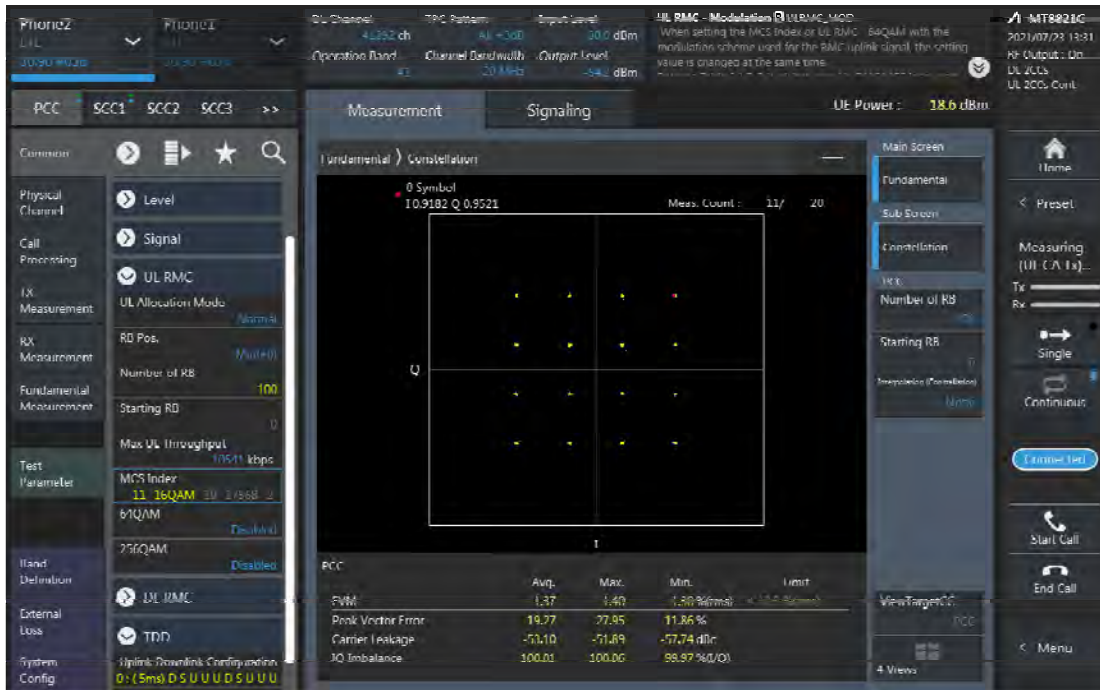


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Test Mode = LTE /16QAM 100RB+100RB

Test Channel = 40521+40719



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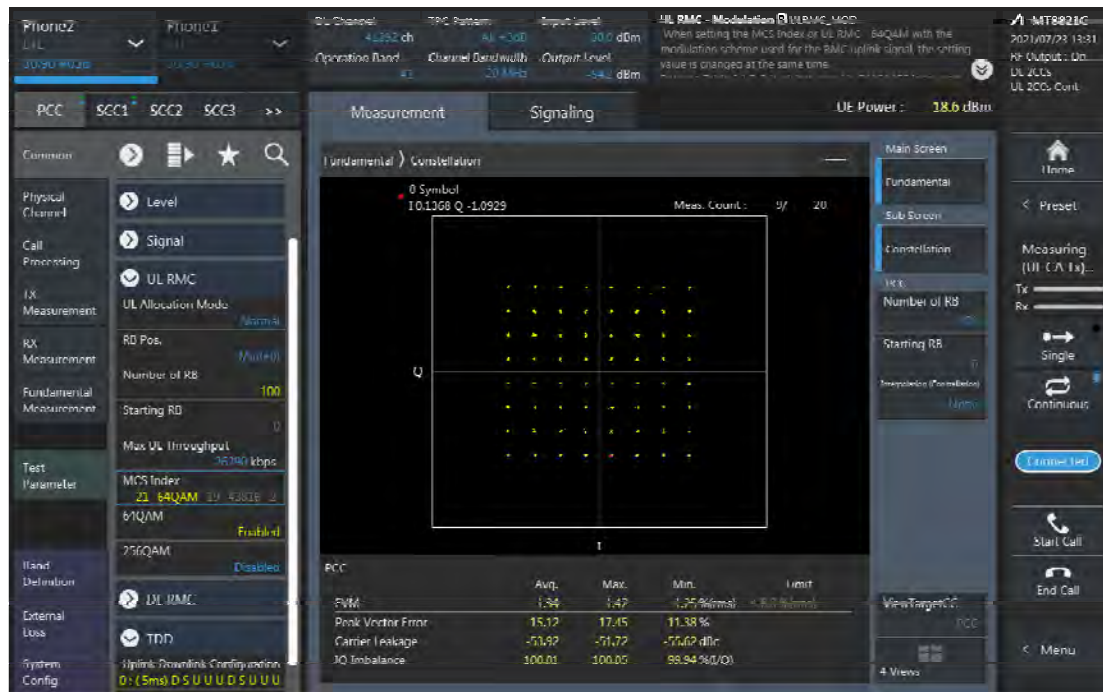
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Test Mode = LTE /64QAM 100RB+100RB

Test Channel = 40521+40719



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## 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	23.063	23.975	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	23.063	24.000	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	23.038	23.975	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	23.063	24.000	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	23.038	23.950	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	23.063	24.000	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	23.113	24.000	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	23.113	24.000	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	23.063	24.050	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	27.661	28.625	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	27.636	28.600	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	27.611	28.625	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	27.636	28.575	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	27.636	28.575	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	27.661	28.600	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	27.736	28.650	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	27.711	28.650	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	27.686	28.700	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	23.038	24.000	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	23.063	24.025	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	23.088	24.025	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	23.013	23.925	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	23.038	24.025	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	23.038	24.050	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	23.038	23.950	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	23.088	23.975	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	23.088	23.975	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	28.211	29.250	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	28.236	29.275	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	28.211	29.225	PASS



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41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	28.211	29.275	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	28.236	29.325	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	28.261	29.250	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	28.236	29.275	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	28.261	29.250	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	28.286	29.250	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	32.564	34.020	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	32.594	34.020	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	32.594	34.020	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	32.564	34.050	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	32.564	34.020	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	32.594	34.020	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	32.564	34.080	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	32.624	34.080	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	32.654	34.050	PASS
41-41	20MHz-10MHz	QPSK-QPSK	39750-39894	100RB#0-50RB#0	27.611	28.625	PASS
41-41	20MHz-10MHz	QPSK-QPSK	40571-40715	100RB#0-50RB#0	27.686	28.625	PASS
41-41	20MHz-10MHz	QPSK-QPSK	41391-41535	100RB#0-50RB#0	27.711	28.650	PASS
41-41	20MHz-10MHz	16QAM-16QAM	39750-39894	100RB#0-50RB#0	27.661	28.650	PASS
41-41	20MHz-10MHz	16QAM-16QAM	40571-40715	100RB#0-50RB#0	27.711	28.675	PASS
41-41	20MHz-10MHz	16QAM-16QAM	41391-41535	100RB#0-50RB#0	27.686	28.650	PASS
41-41	20MHz-10MHz	64QAM-64QAM	39750-39894	100RB#0-50RB#0	27.611	28.600	PASS
41-41	20MHz-10MHz	64QAM-64QAM	40571-40715	100RB#0-50RB#0	27.661	28.625	PASS
41-41	20MHz-10MHz	64QAM-64QAM	41391-41535	100RB#0-50RB#0	27.661	28.650	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	32.564	34.020	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	32.624	34.050	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	32.594	34.050	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	32.564	34.020	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	32.624	34.080	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	32.654	34.110	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	32.594	33.990	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	32.624	34.050	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	32.624	34.050	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	37.451	39.000	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	37.511	39.060	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	37.511	39.060	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	37.481	39.000	PASS



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41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	37.511	39.030	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	37.481	39.060	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	37.421	39.000	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	37.511	39.060	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	37.541	39.000	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	22.739	23.625	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	22.839	23.600	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	22.814	23.650	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	22.764	23.650	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	22.839	23.650	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	22.839	23.675	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	22.714	23.600	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	22.764	23.625	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	22.814	23.625	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	22.789	23.650	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	22.764	23.600	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	22.789	23.625	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	22.814	23.675	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	22.764	23.600	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	22.689	23.650	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	22.839	23.625	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	22.814	23.650	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	22.814	23.625	PASS



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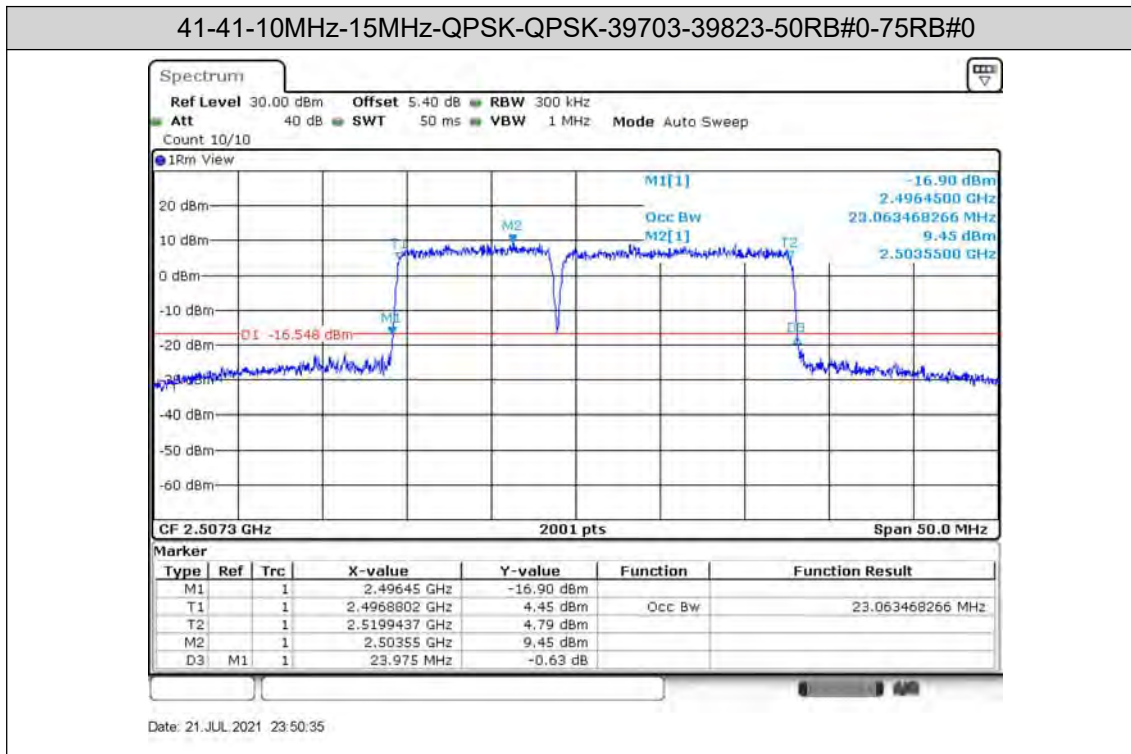
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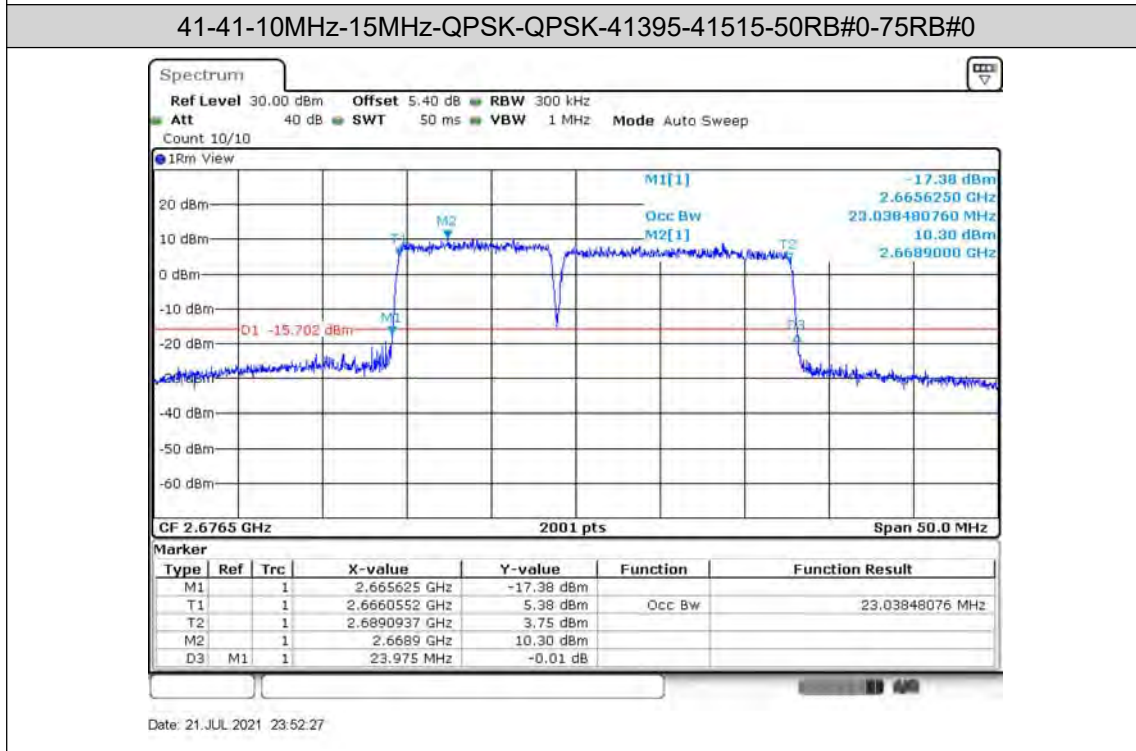
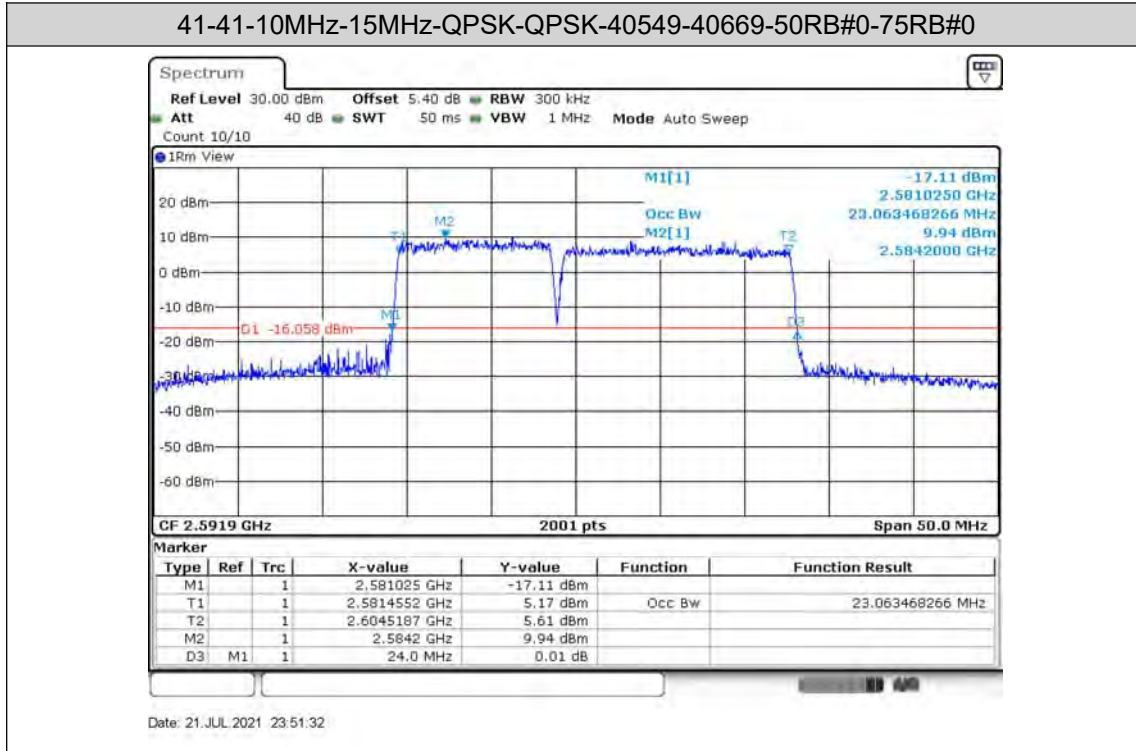
**Test Graphs**



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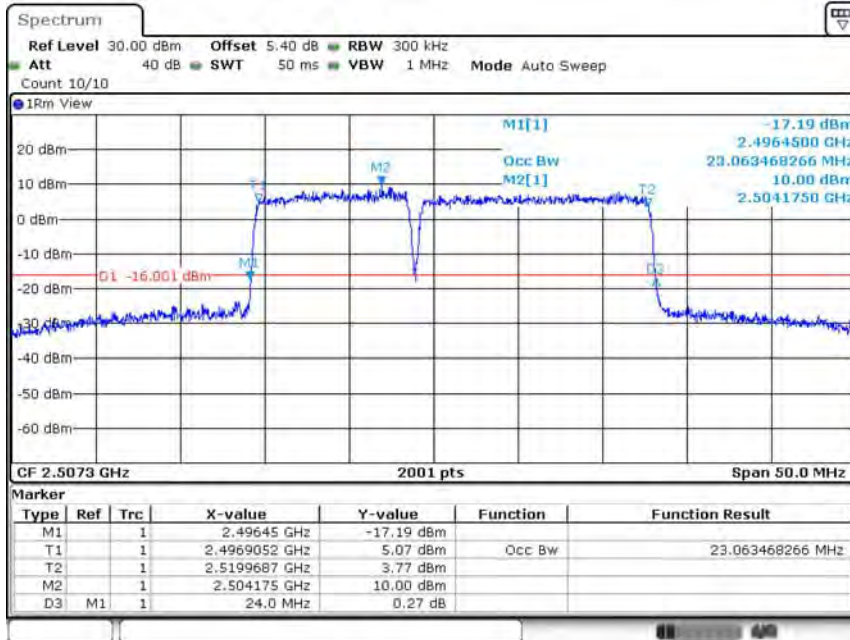


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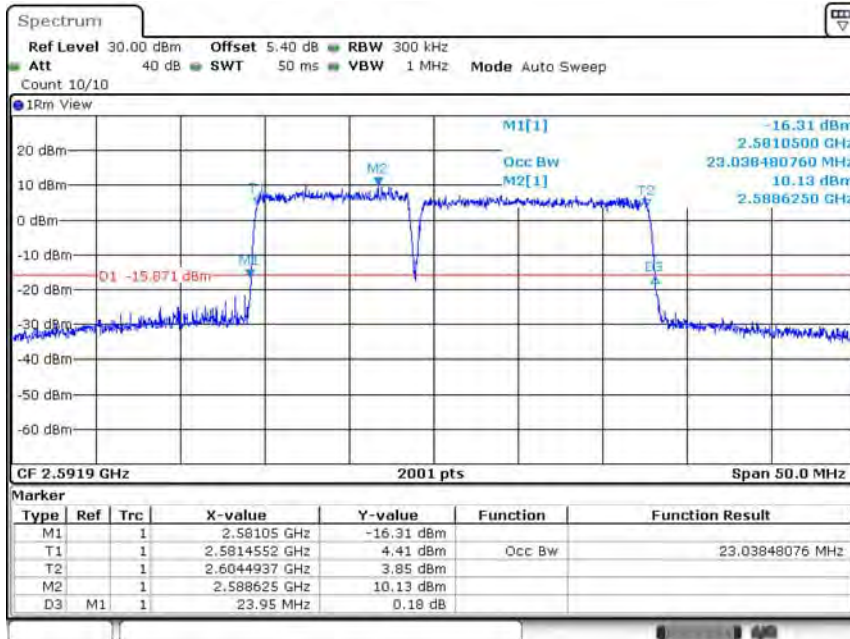


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Date: 21.JUL 2021 23:51:00

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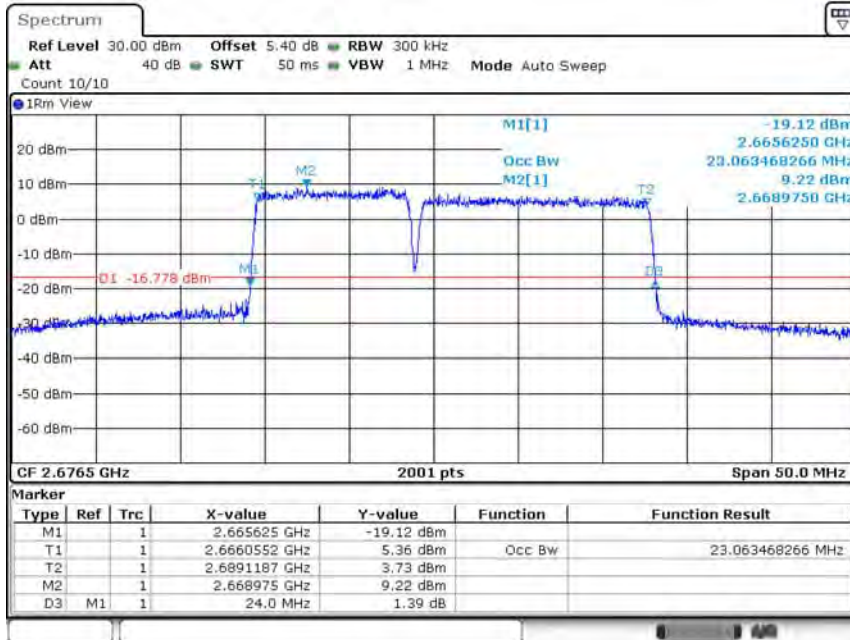


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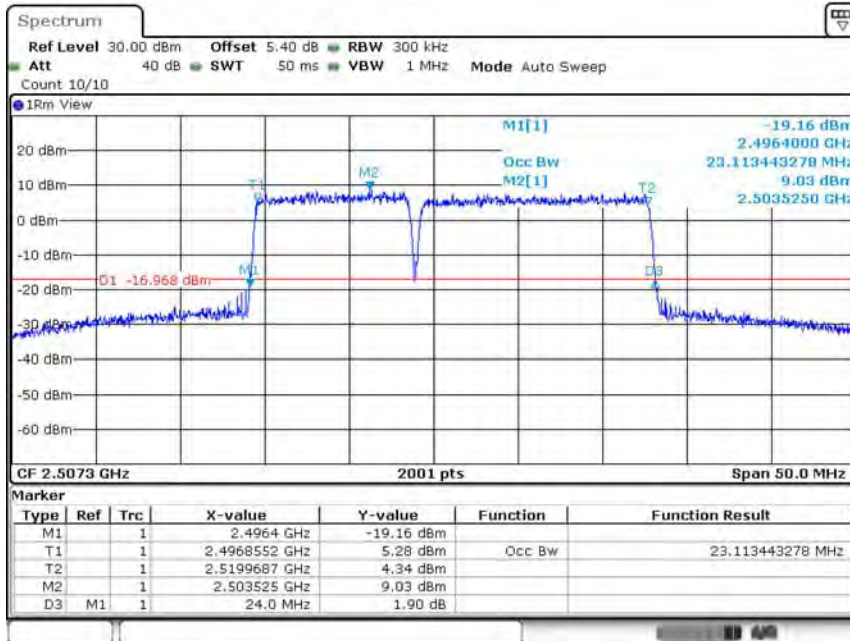


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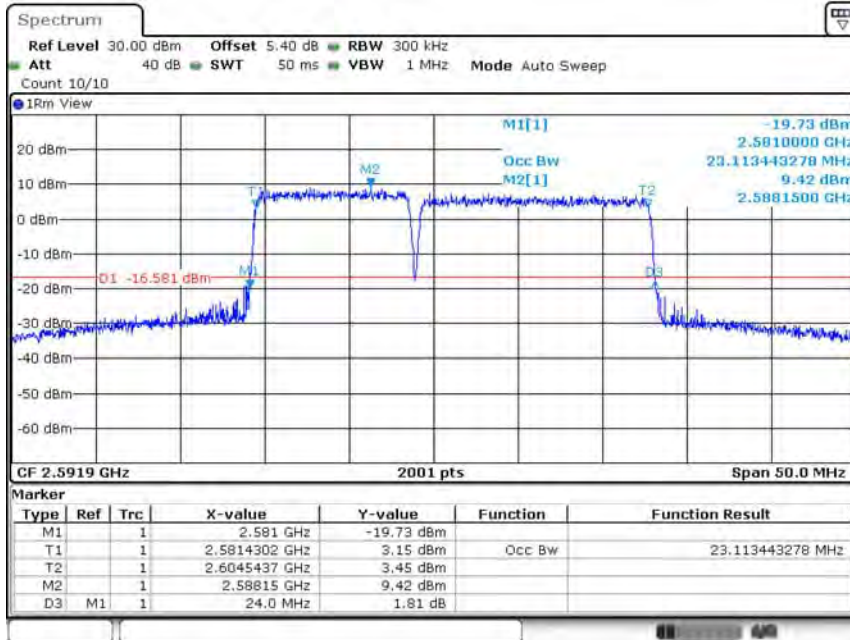
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Date: 22.JUL 2021 00:03:12

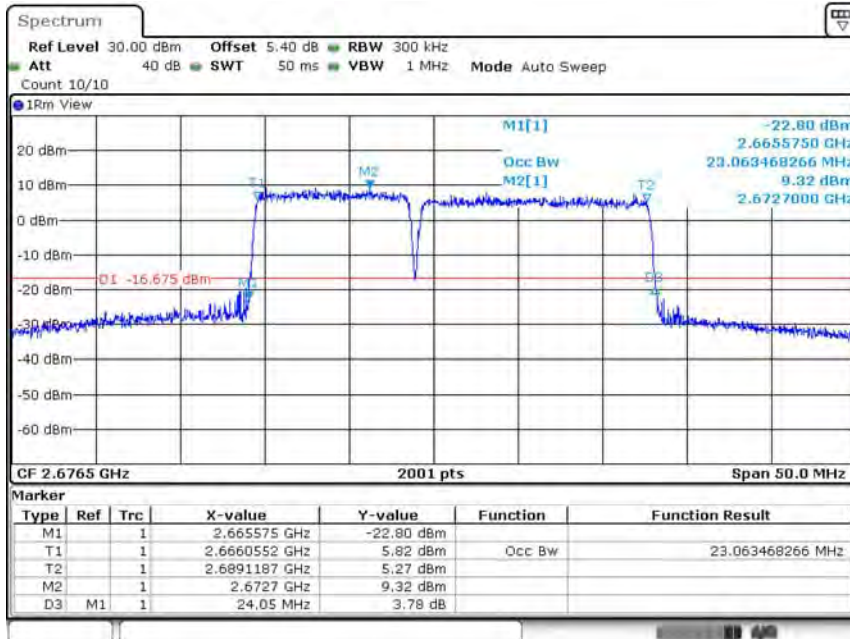


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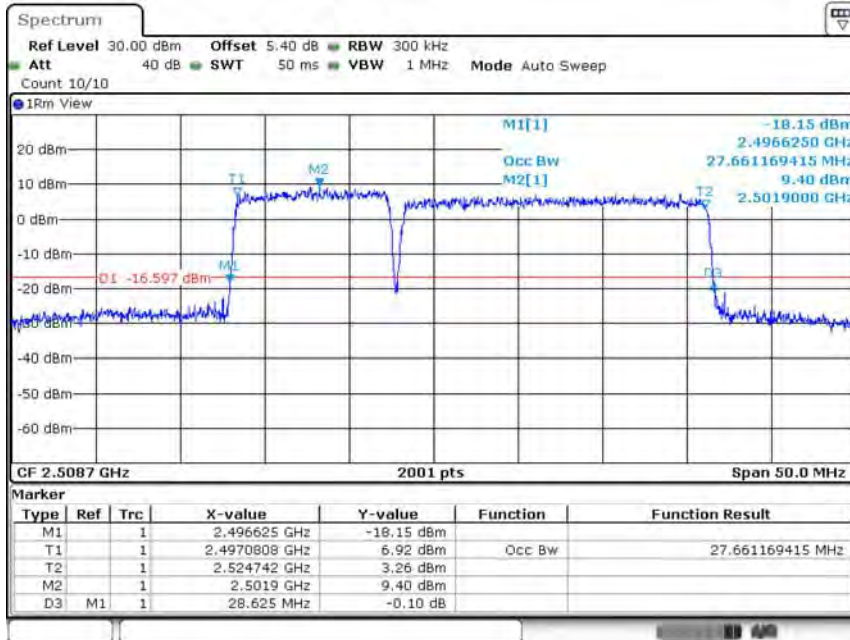


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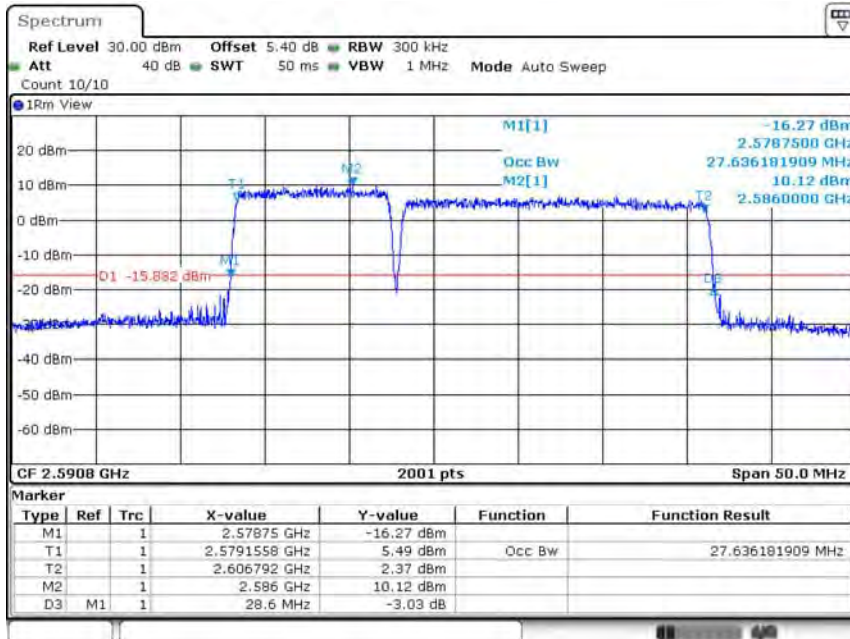


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Date: 21.JUL 2021 22:47:29

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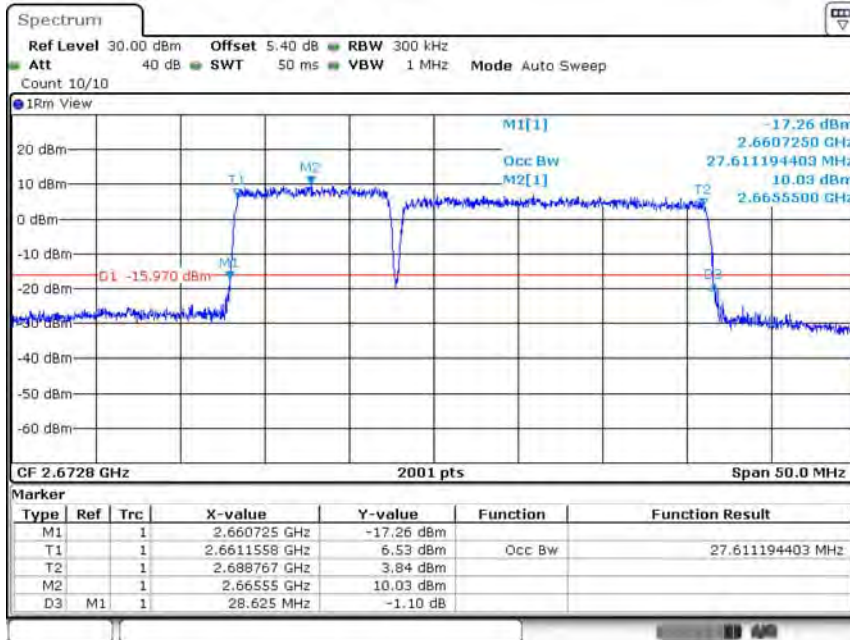


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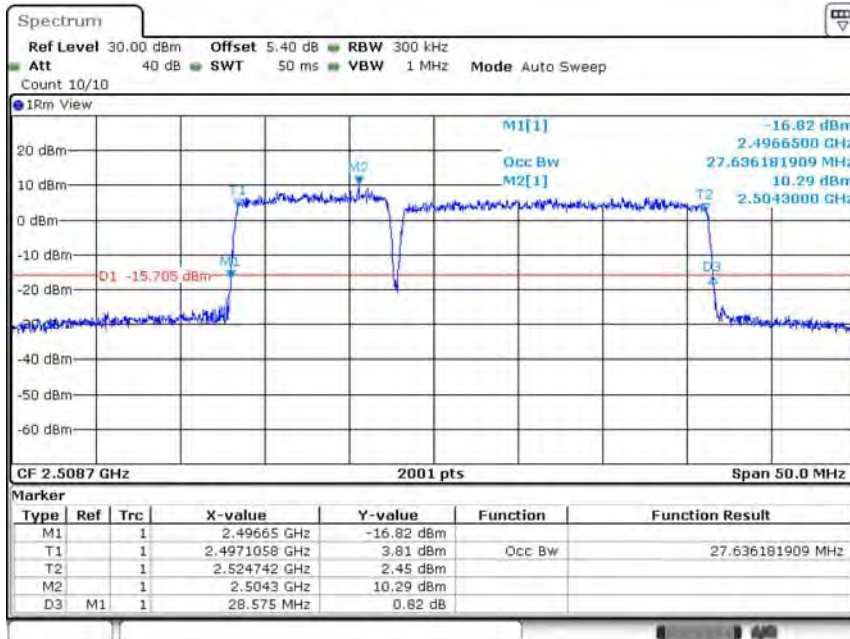


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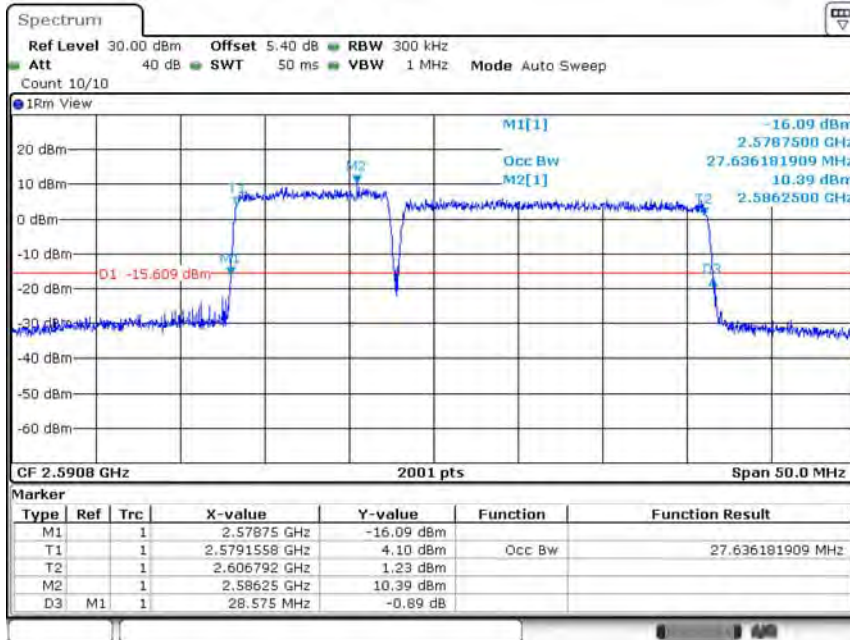
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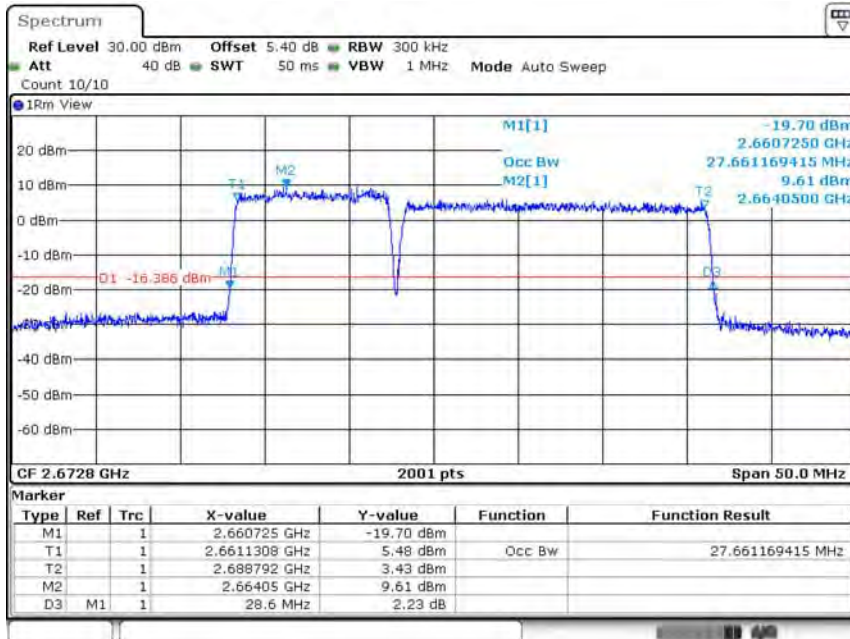


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Date: 21.JUL 2021 22:49:19

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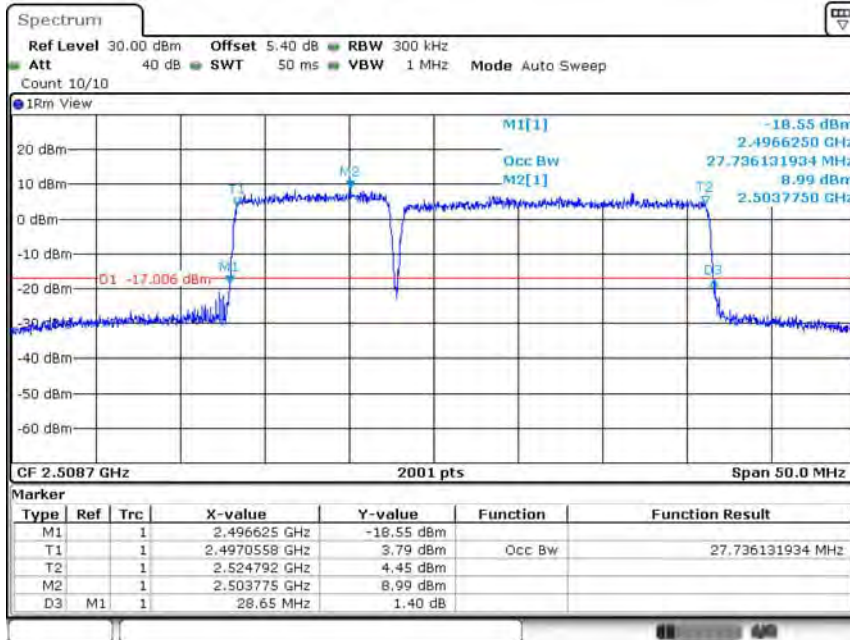


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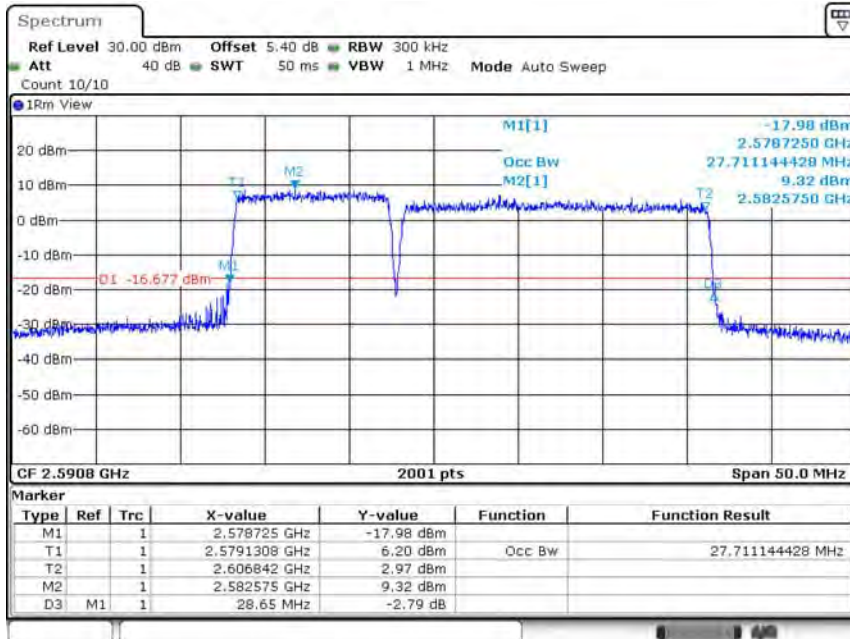


41-41-10MHz-20MHz-64QAM-64QAM-39705-39849-50RB#0-100RB#0



Date: 22.JUL.2021 01:48:12

41-41-10MHz-20MHz-64QAM-64QAM-40526-40670-50RB#0-100RB#0

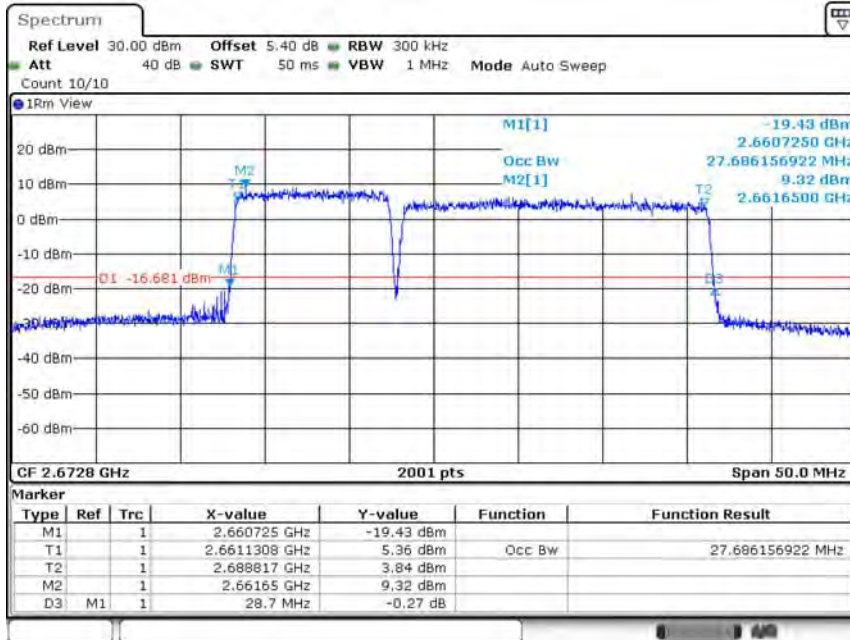


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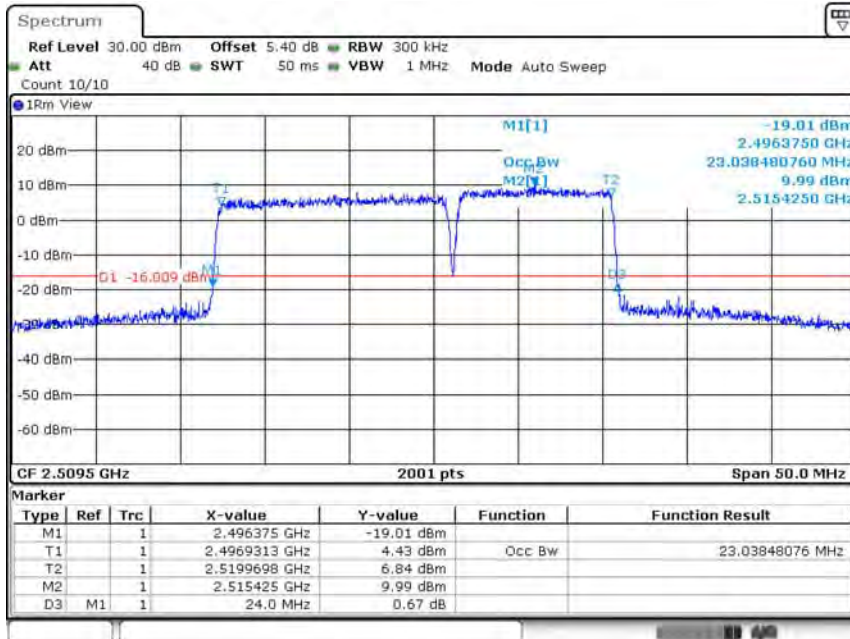


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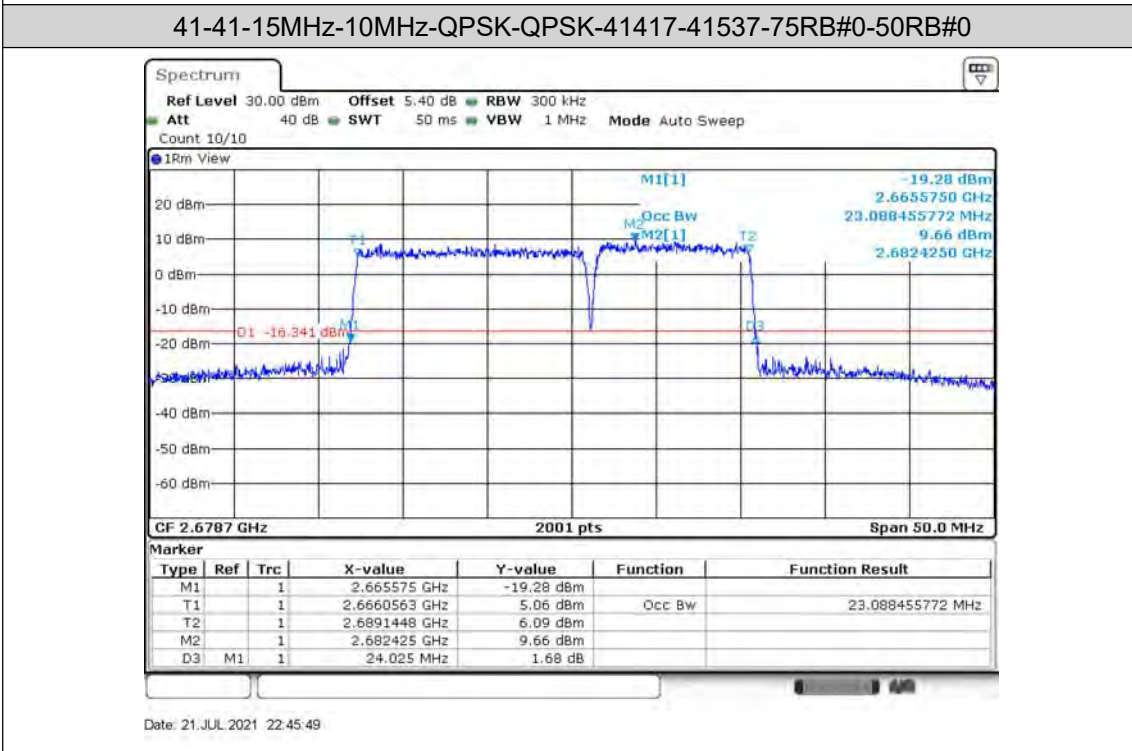
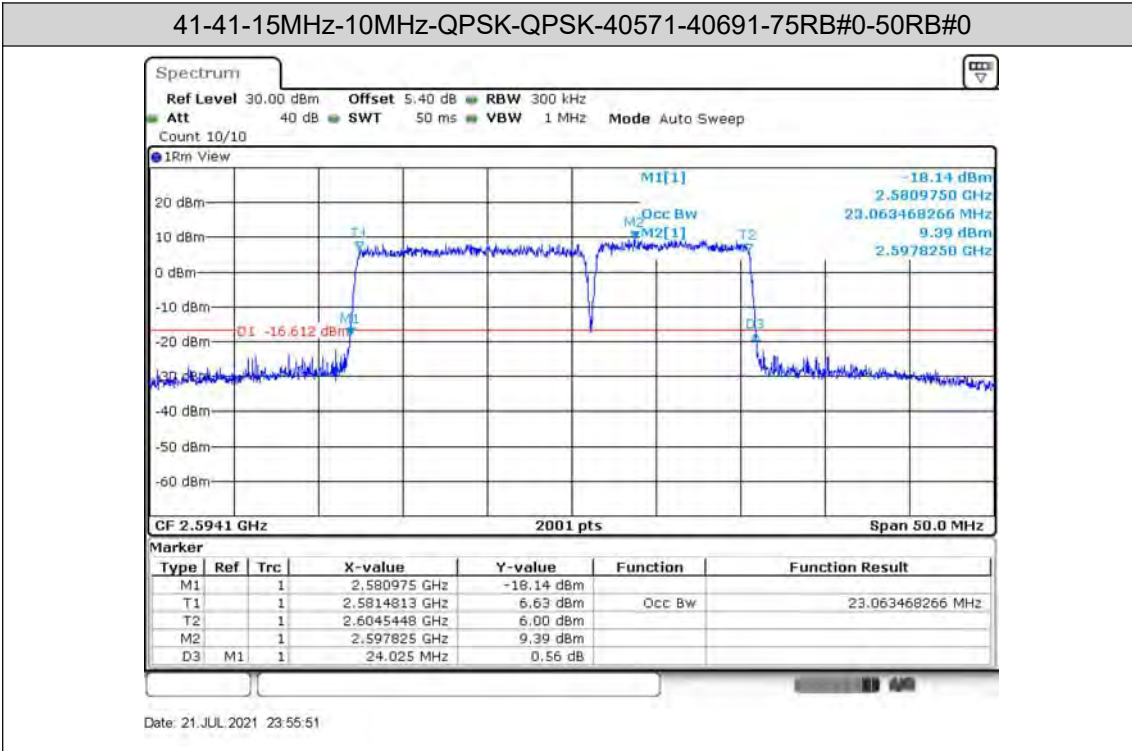
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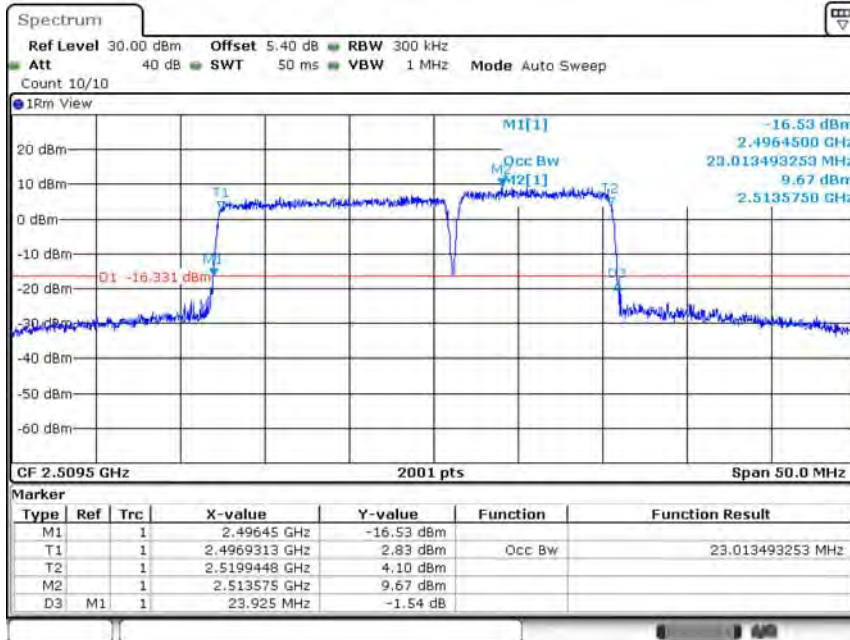




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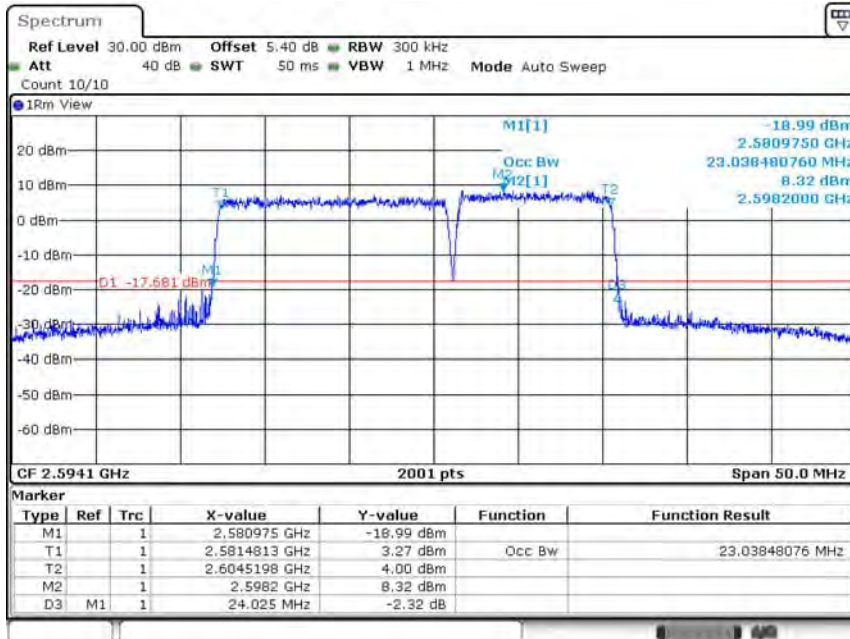


41-41-15MHz-10MHz-16QAM-16QAM-39725-39845-75RB#0-50RB#0



Date: 21.JUL 2021 23:55:21

41-41-15MHz-10MHz-16QAM-16QAM-40571-40691-75RB#0-50RB#0

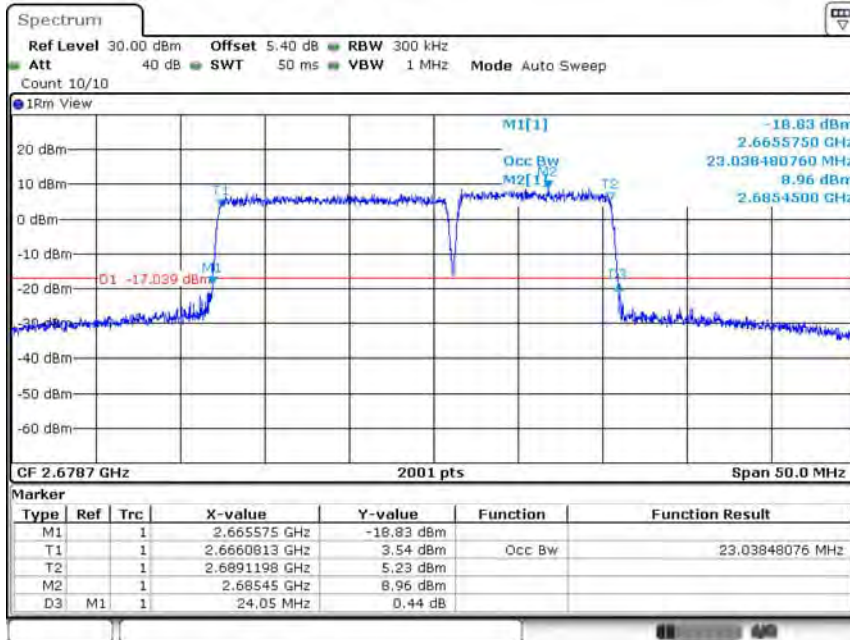


Date: 21.JUL 2021 23:56:16



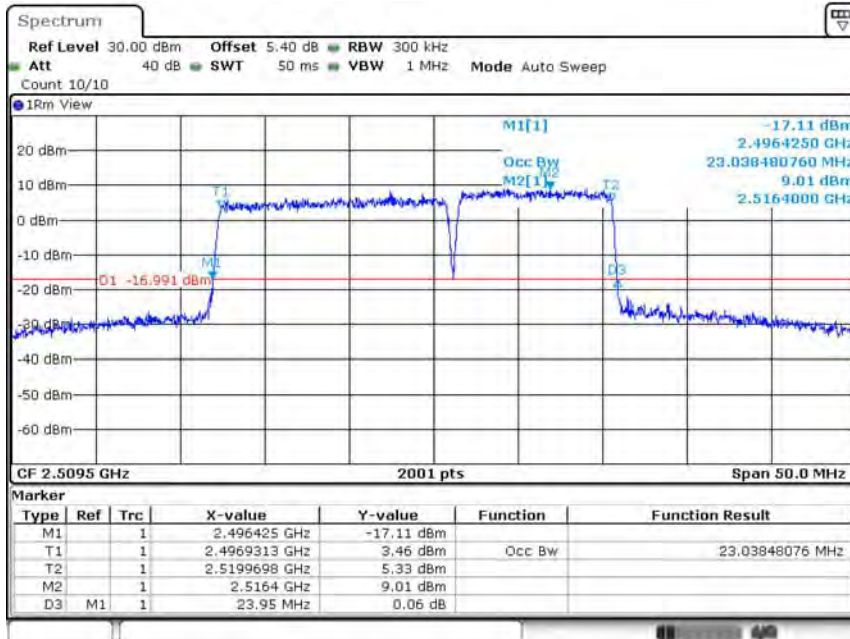


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Date: 21.JUL 2021 22:46:14

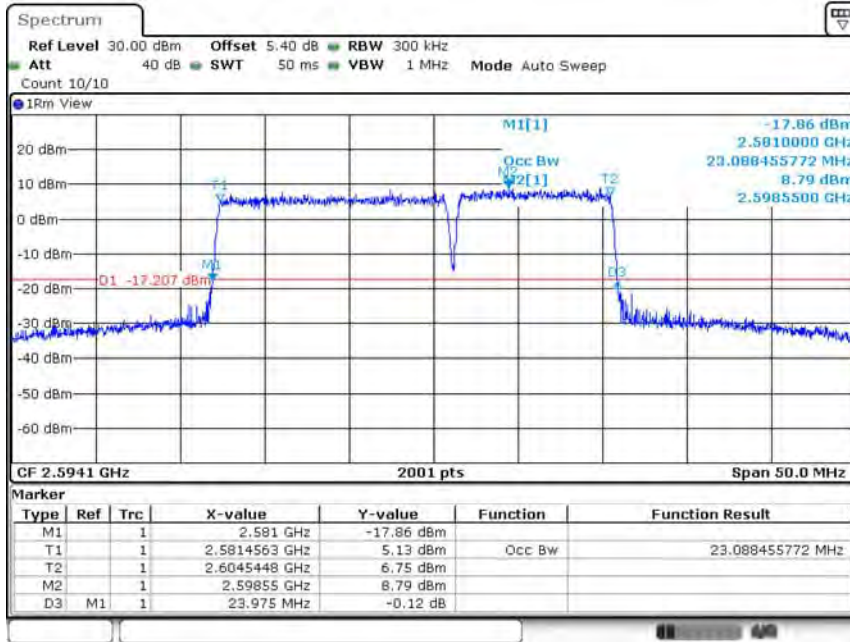
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Date: 22.JUL 2021 00:38:59

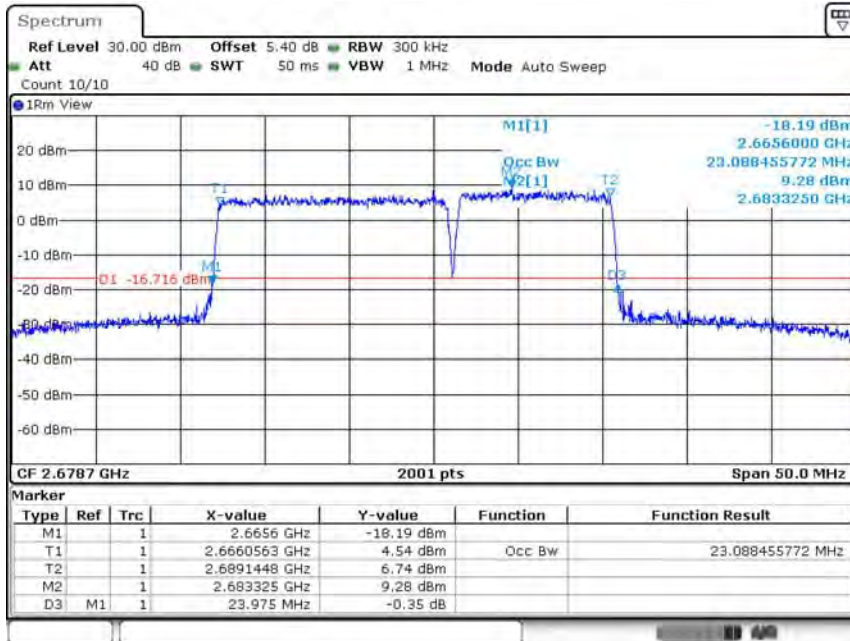


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Date: 22 JUL 2021 00:39:30

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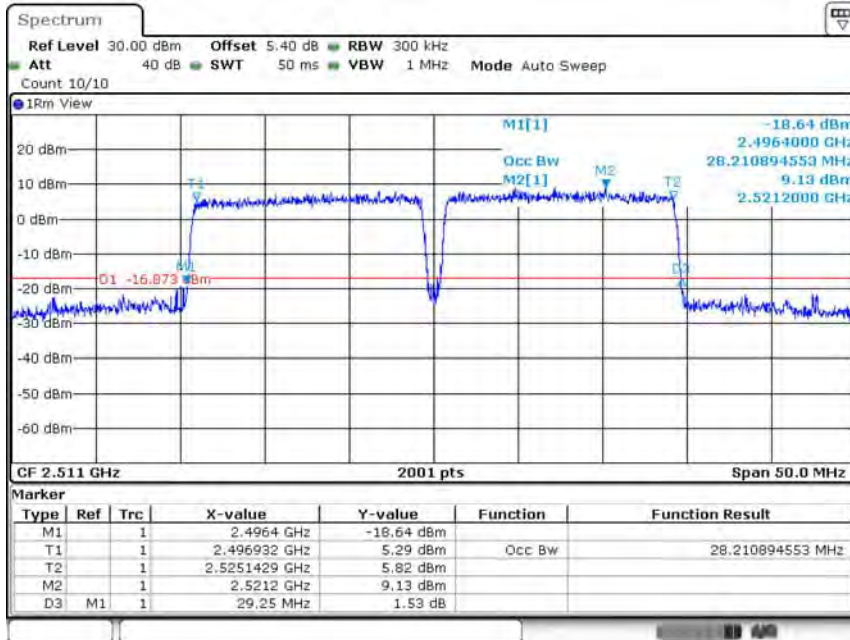


Date: 22 JUL 2021 00:40:02



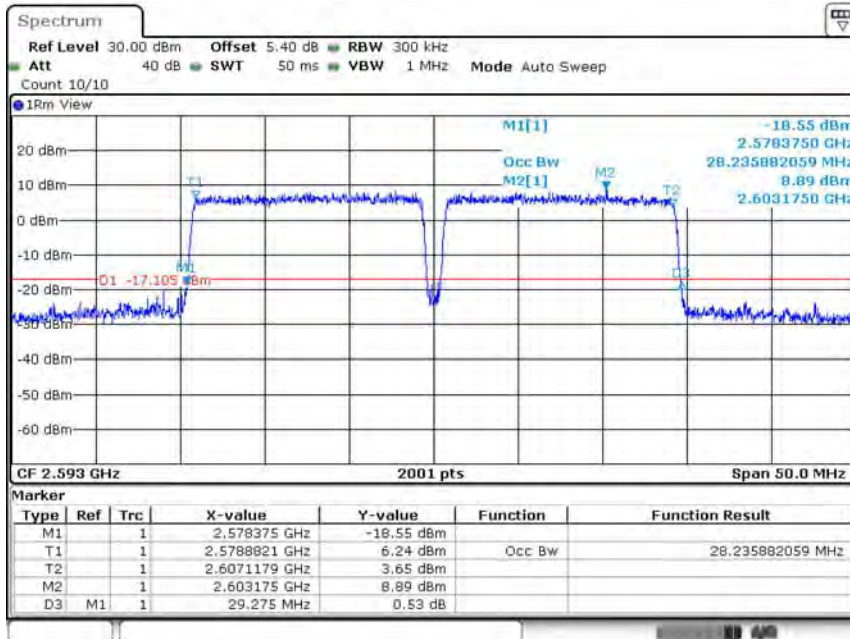


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Date: 21.JUL 2021 22:57:02

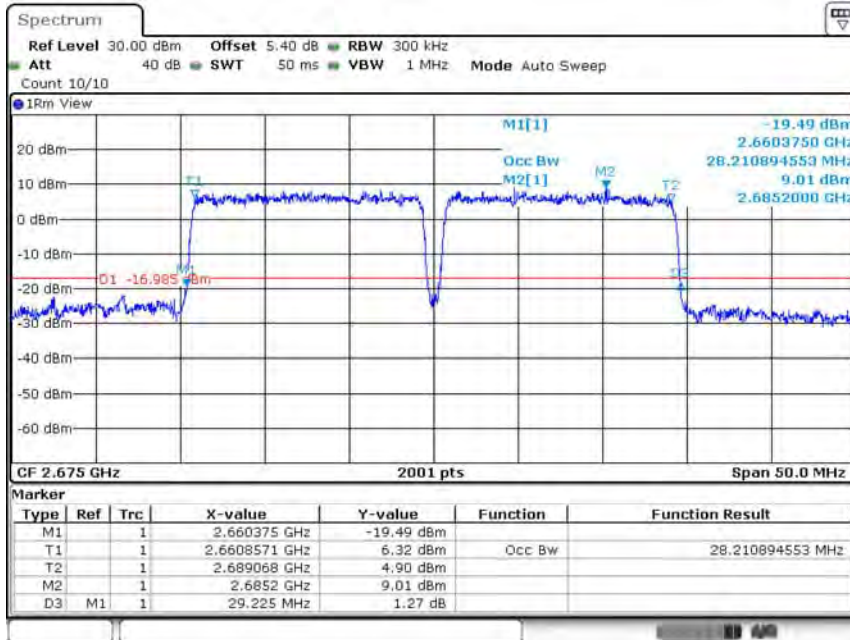
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Date: 21.JUL 2021 22:58:29

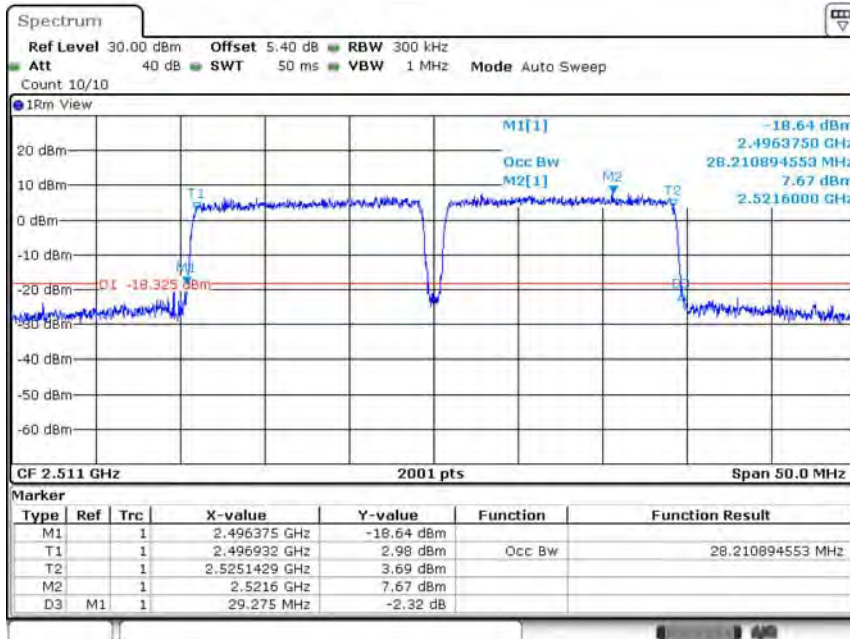


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Date: 21.JUL 2021 22:59:56

41-41-15MHz-15MHz-16QAM-16QAM-39725-39875-75RB#0-75RB#0

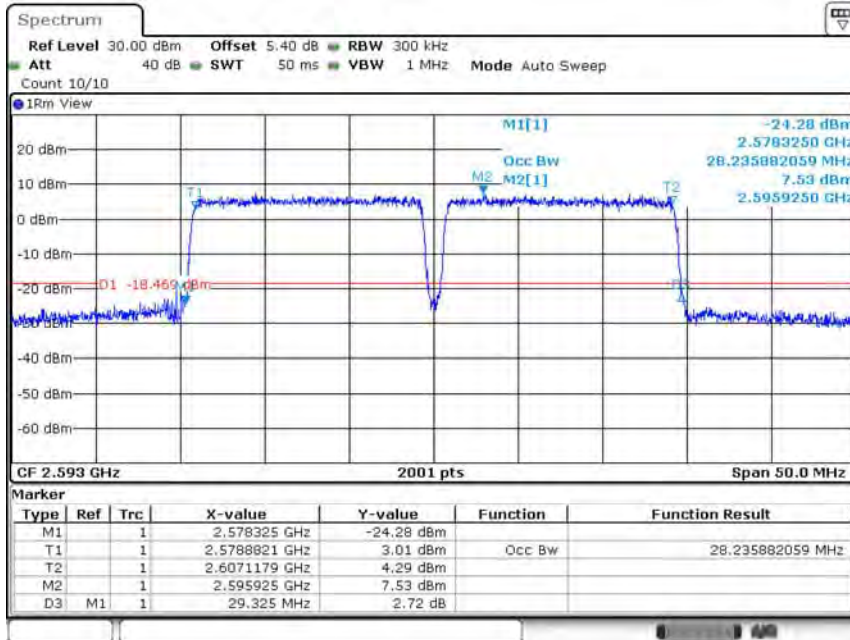


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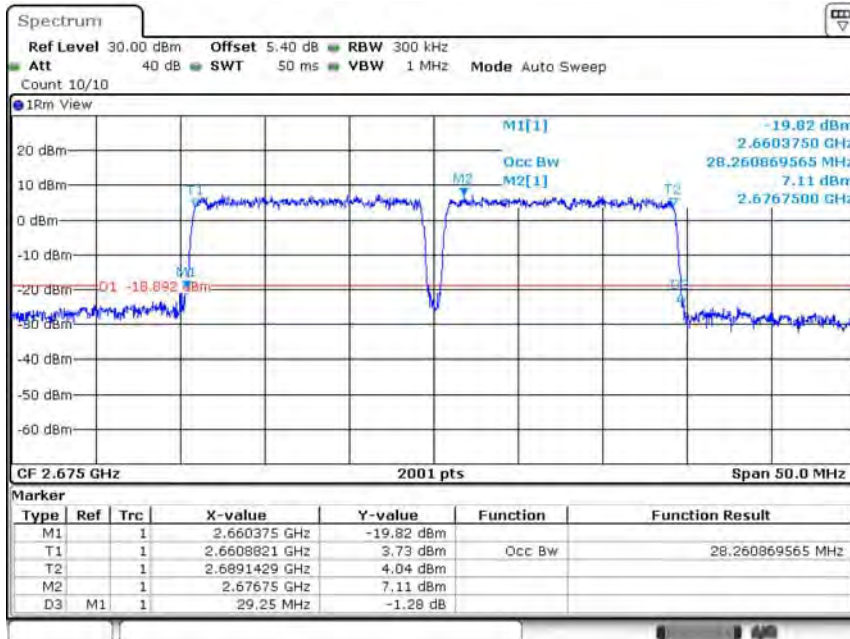


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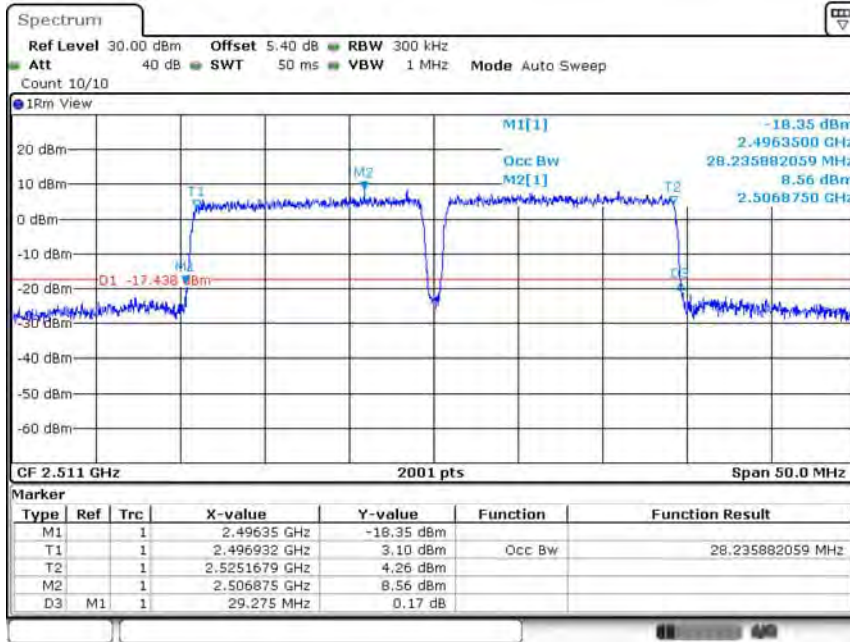
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Date: 21.JUL 2021 23:00:21

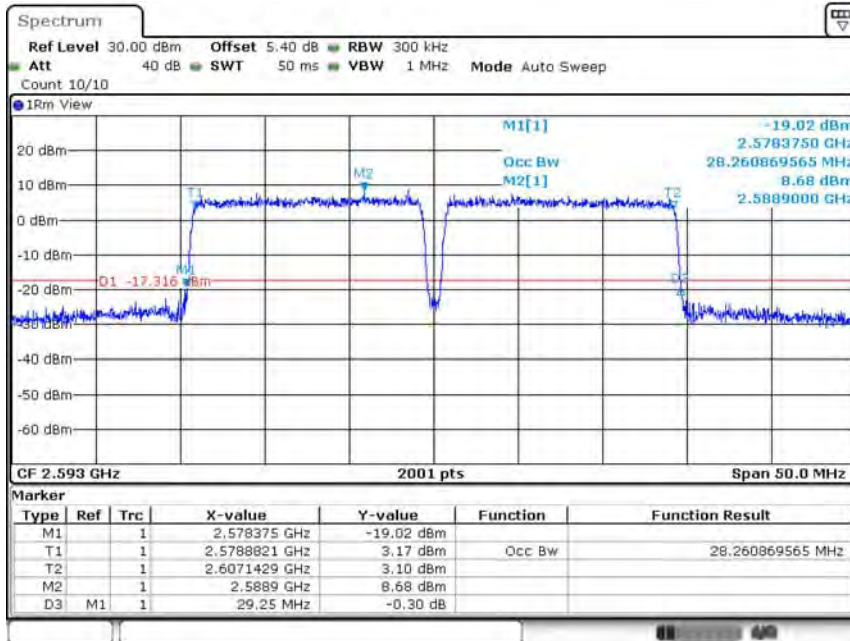


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Date: 22 JUL 2021 01:52:19

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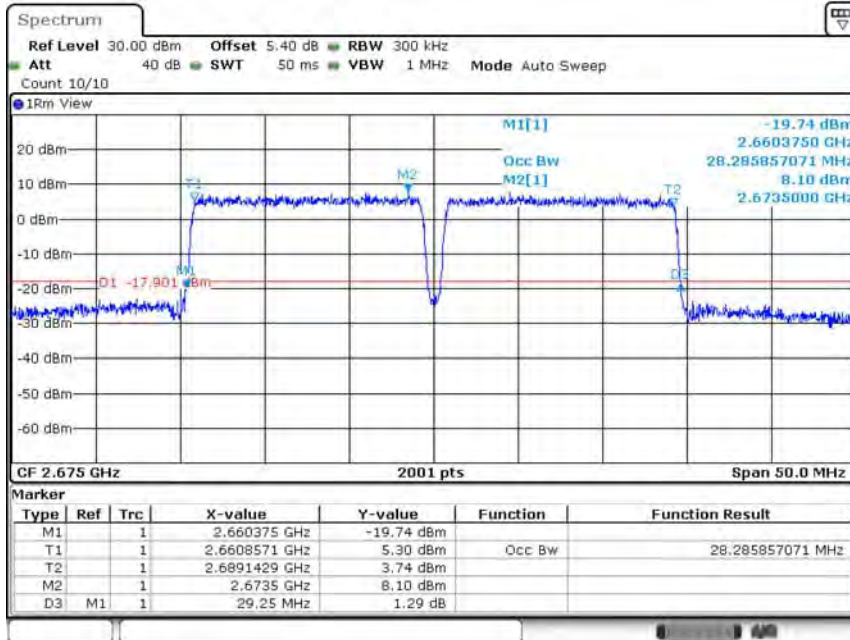


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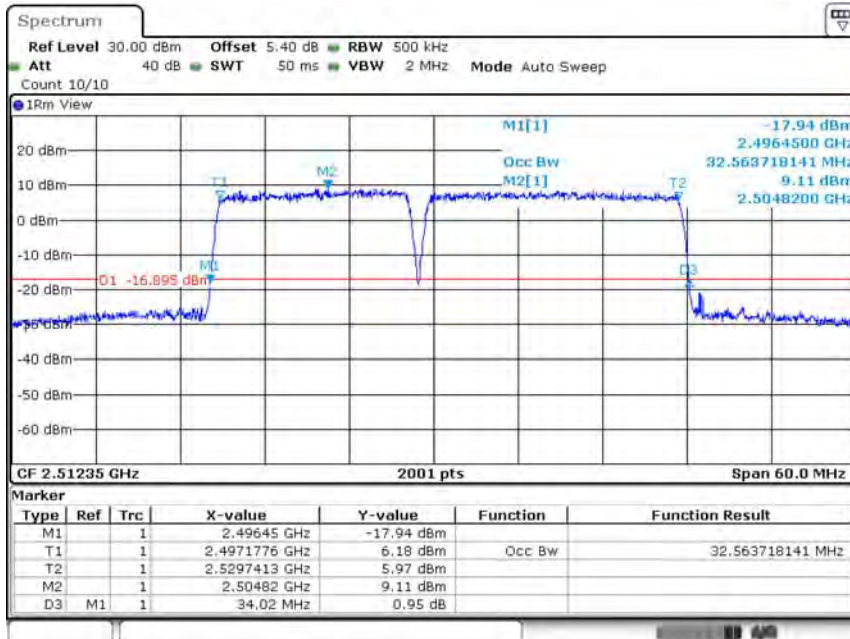


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Date: 22 JUL 2021 01:53:23

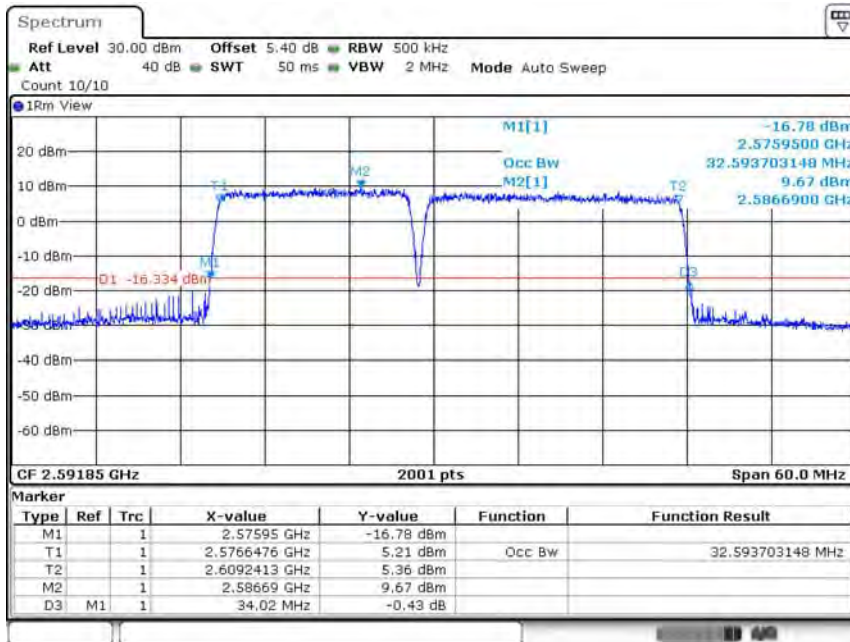
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Date: 21 JUL 2021 23:03:53

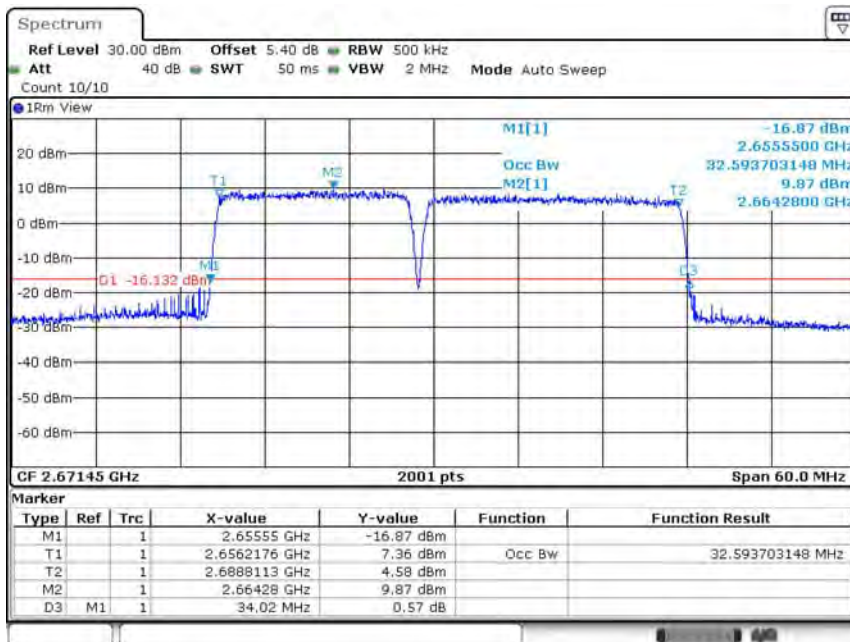


41-41-15MHz-20MHz-QPSK-QPSK-40523-40694-75RB#0-100RB#0



Date: 21.JUL 2021 23:05:20

41-41-15MHz-20MHz-QPSK-QPSK-41319-41490-75RB#0-100RB#0

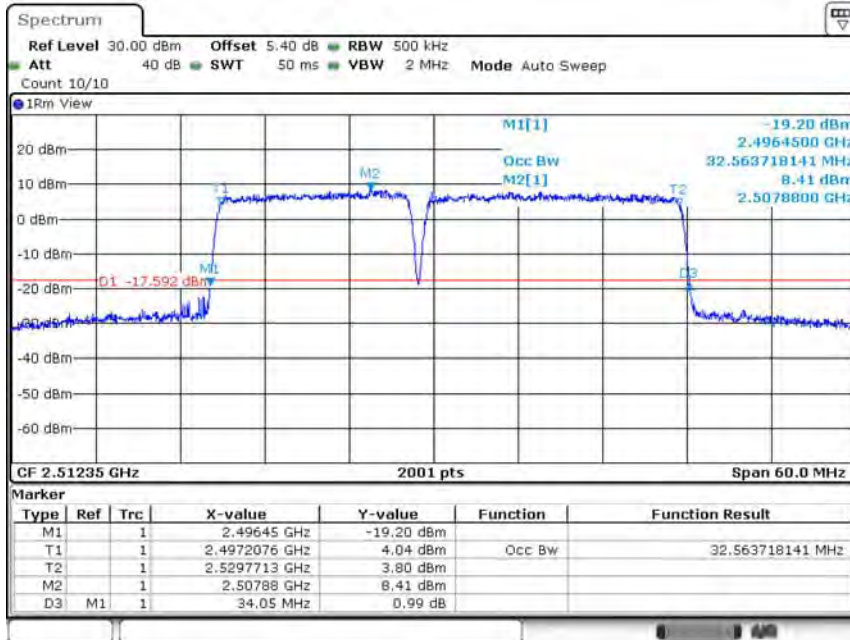


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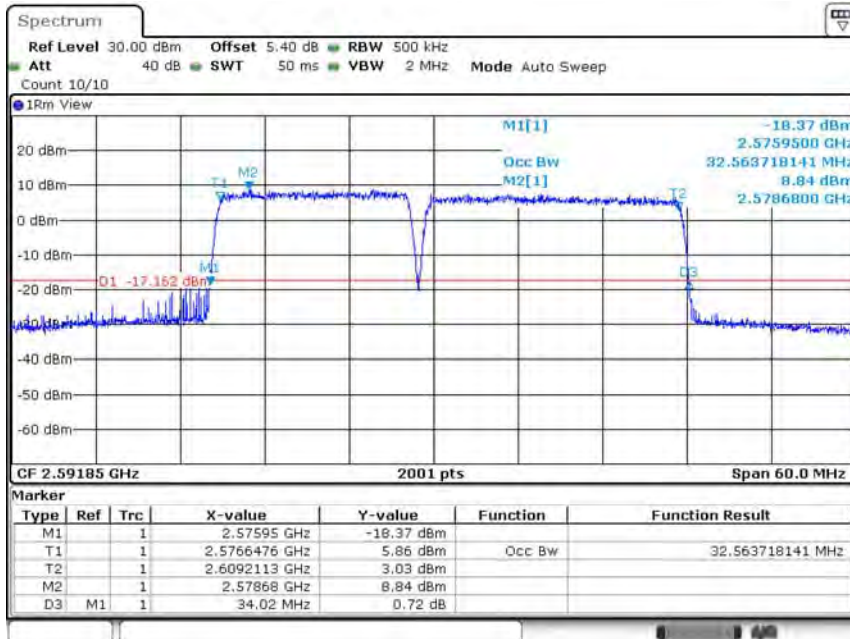


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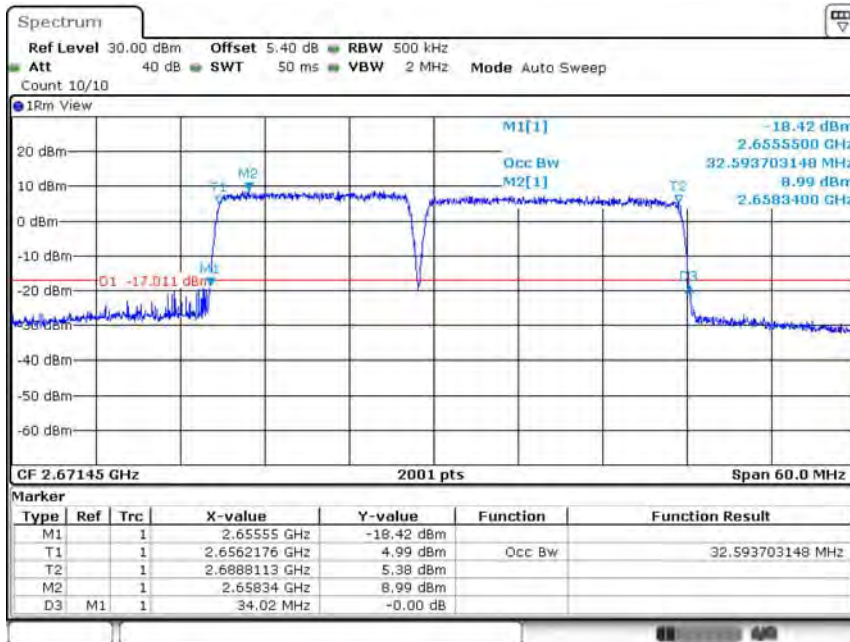
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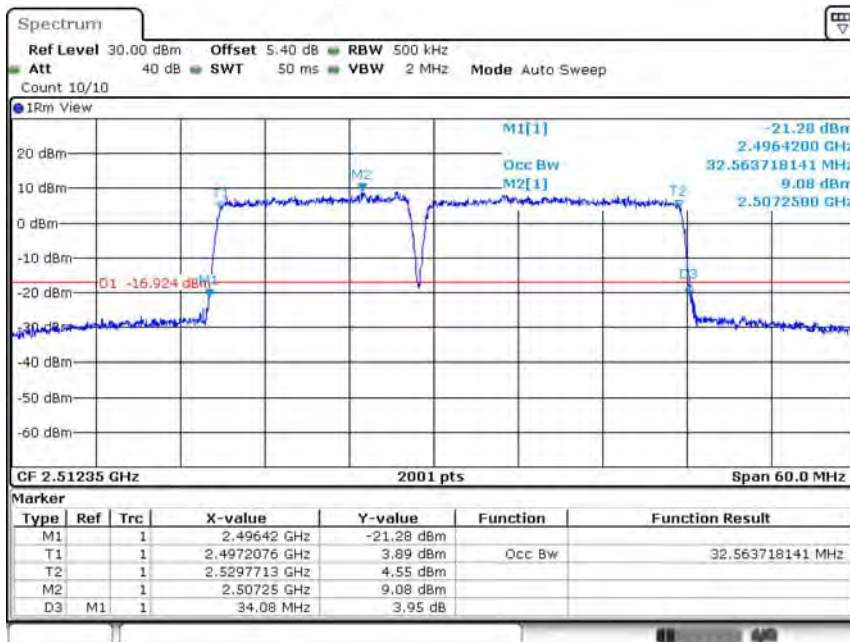


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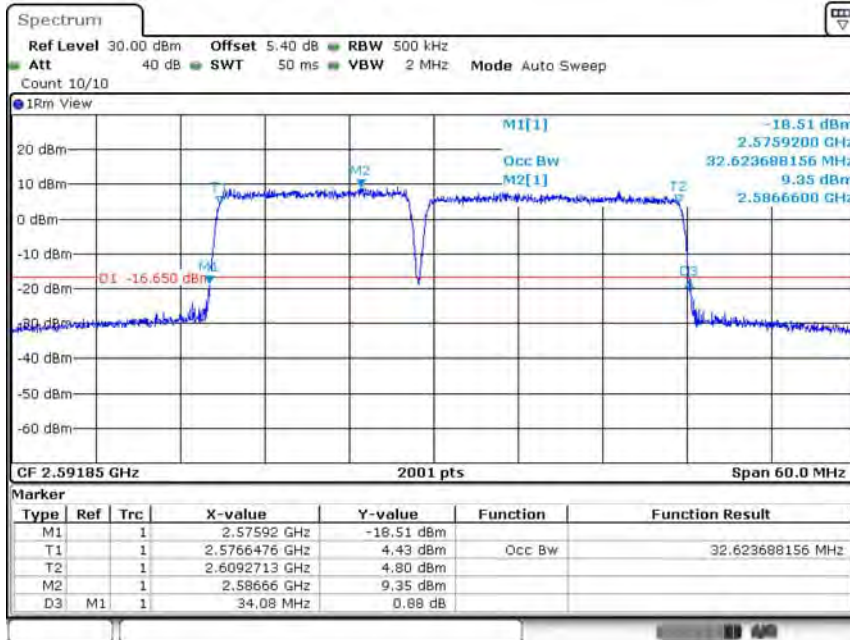


Date: 22.JUL 2021 01:54:43



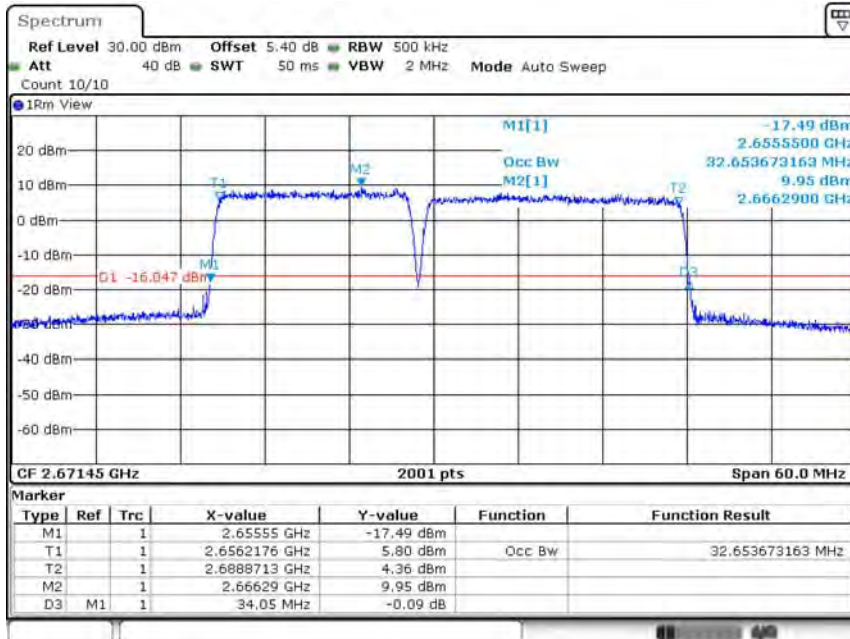


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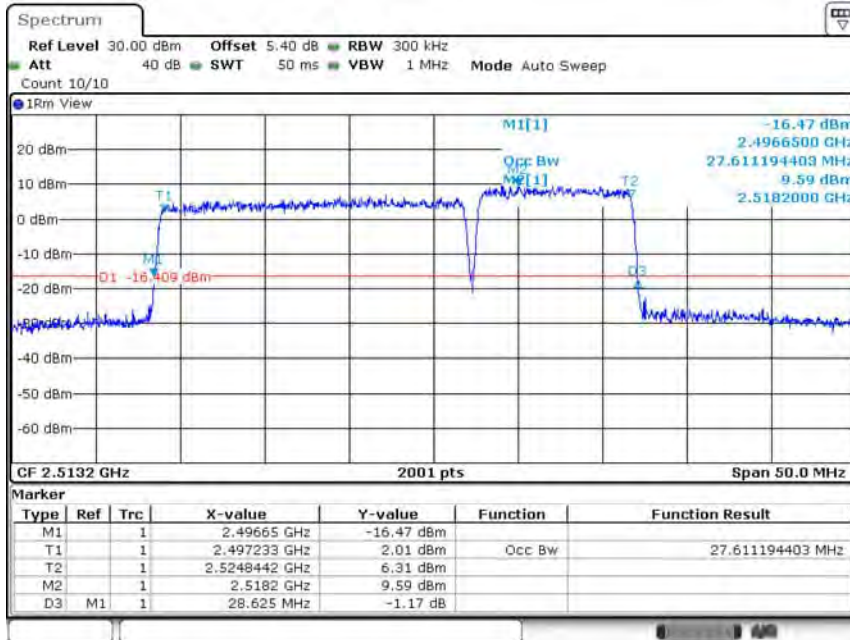
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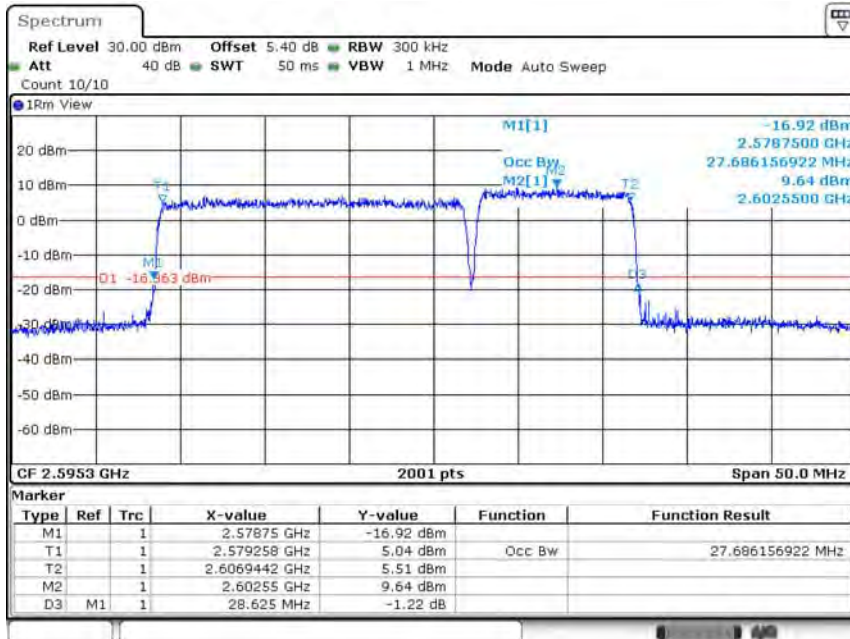


41-41-20MHz-10MHz-QPSK-QPSK-39750-39894-100RB#0-50RB#0



Date: 21.JUL 2021 22:53:32

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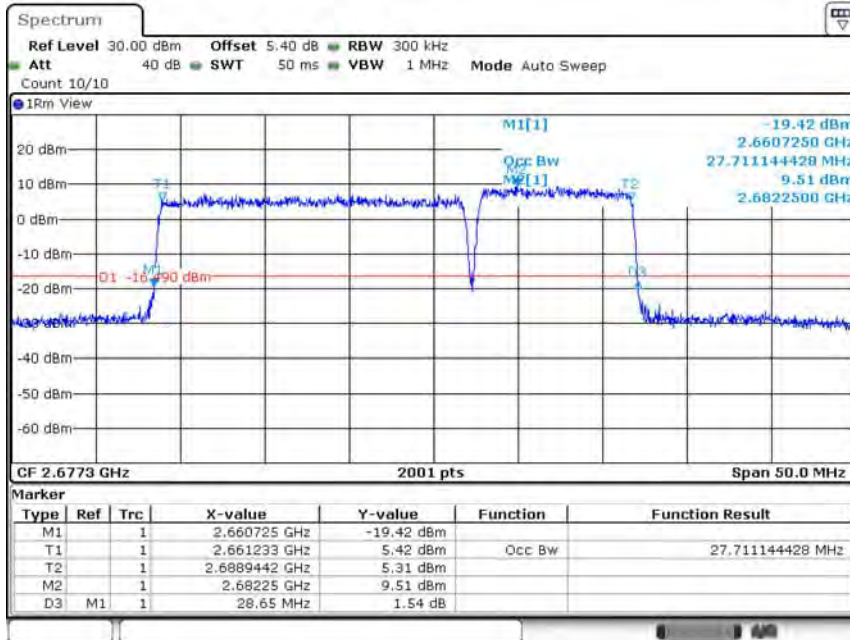


Date: 21.JUL 2021 22:54:27



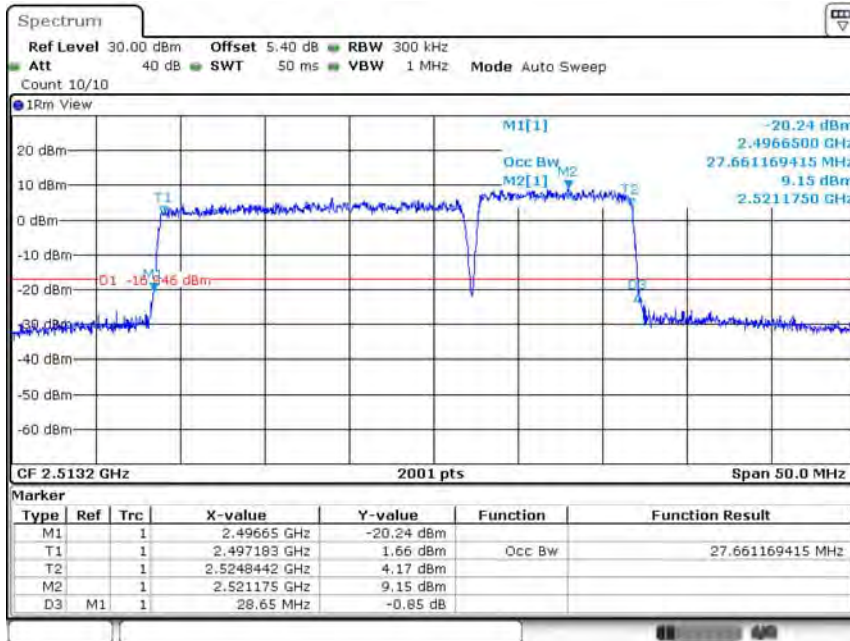


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Date: 21.JUL 2021 22:55:56

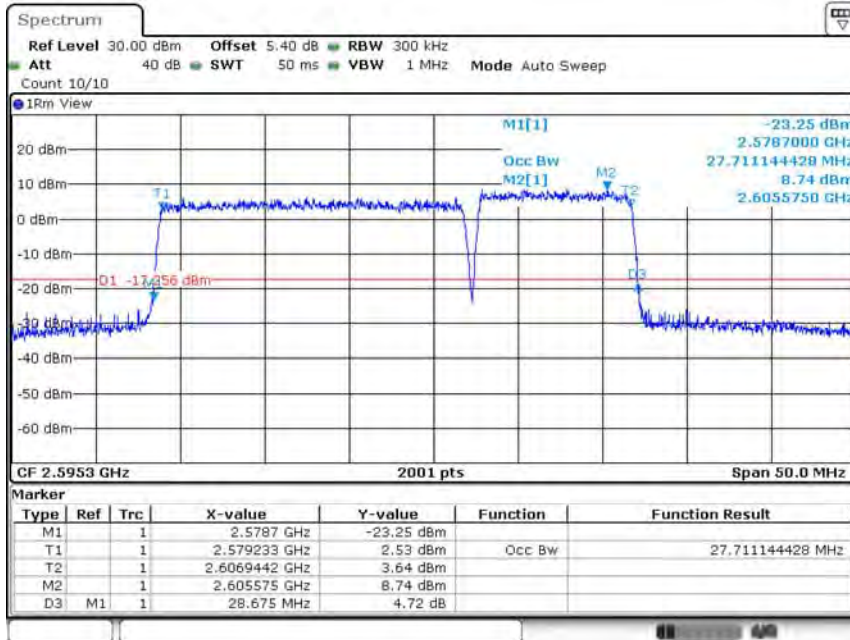
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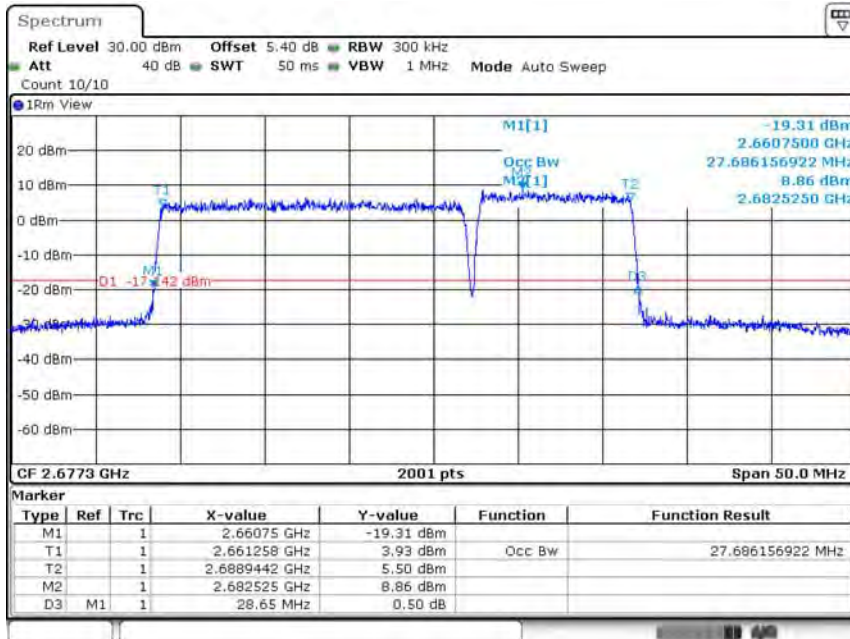


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Date: 21.JUL 2021 22:54:52

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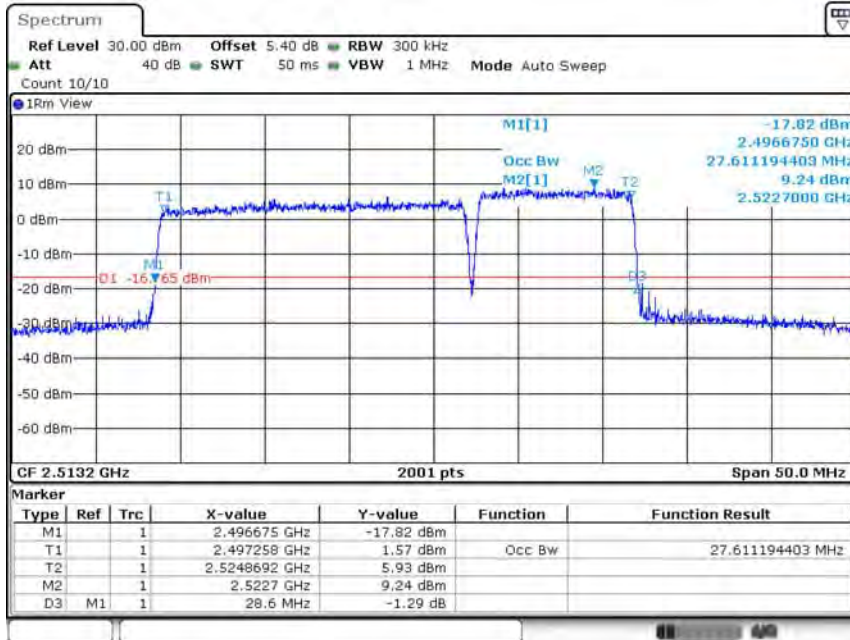


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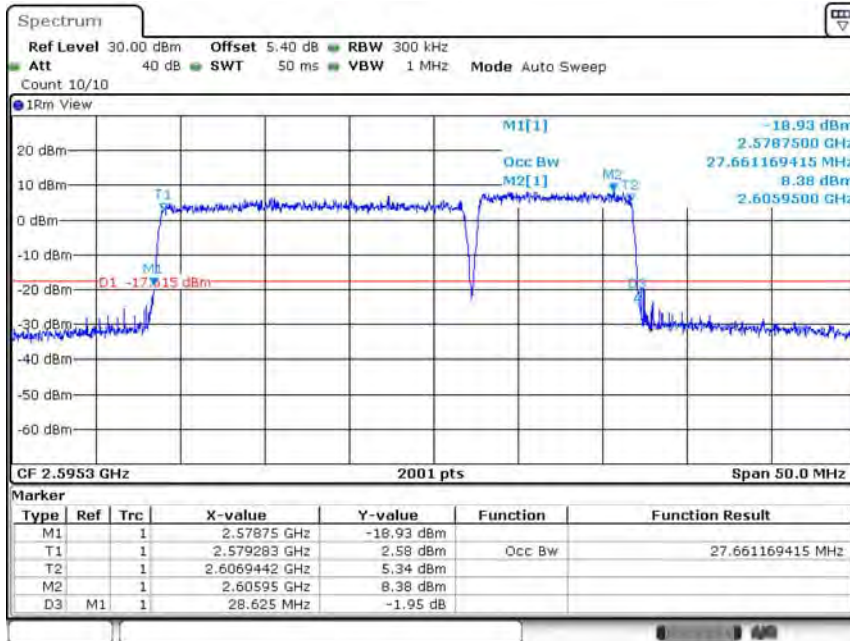


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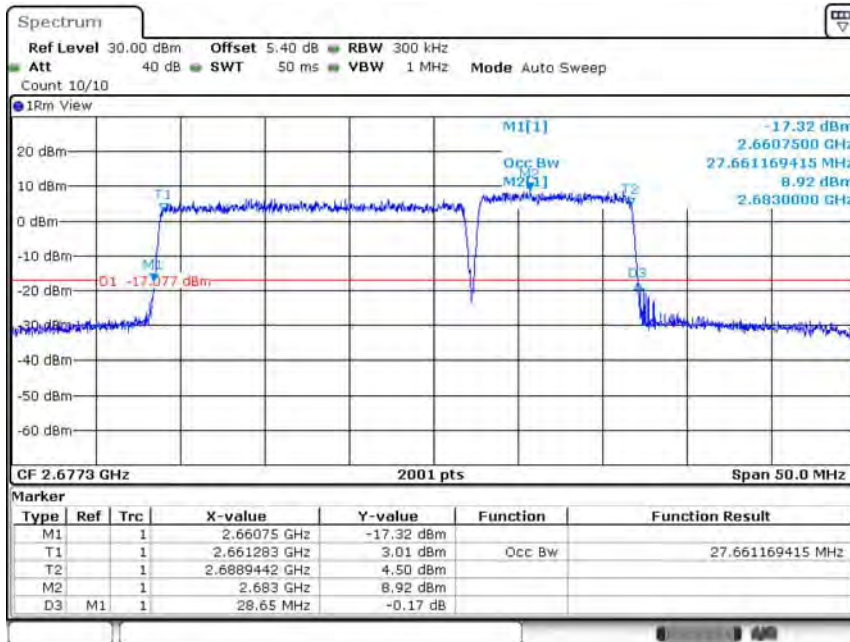
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Date: 22 JUL 2021 01:51:03

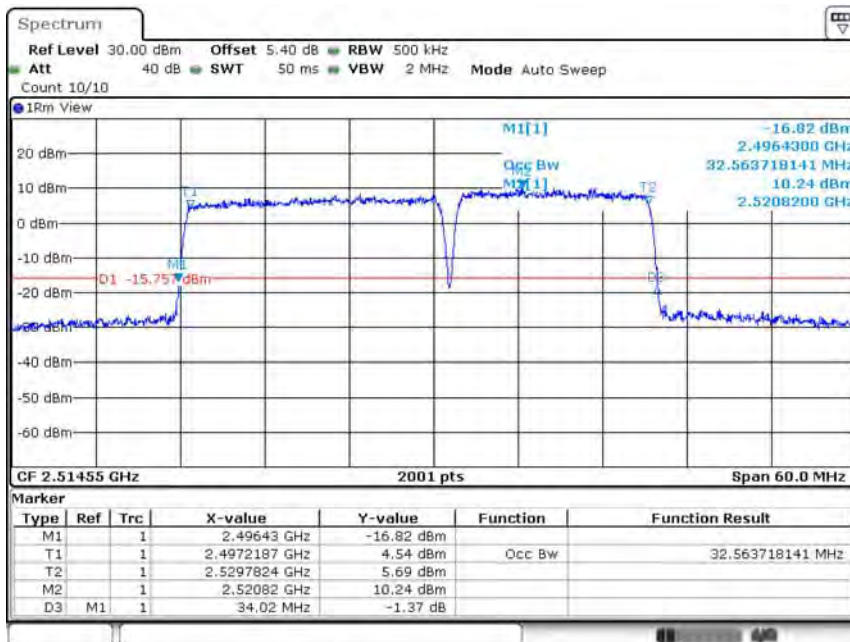


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Date: 22 JUL 2021 01:51:39

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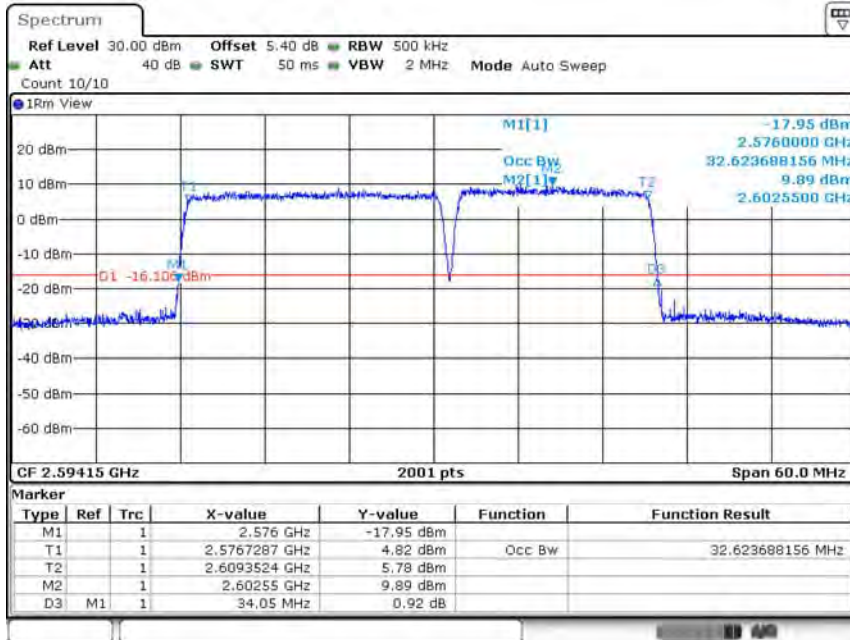


Date: 21 JUL 2021 23:08:37



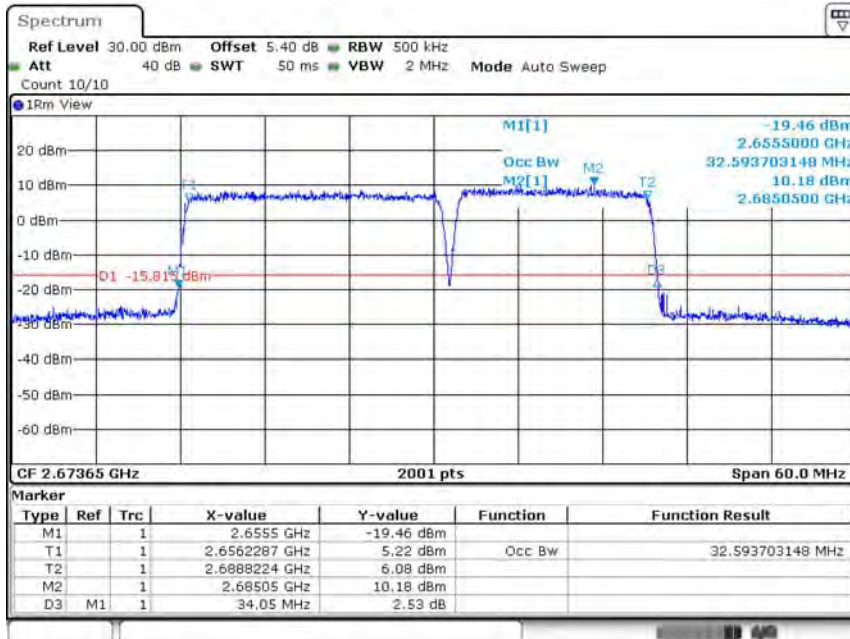


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Date: 21.JUL 2021 23:10:06

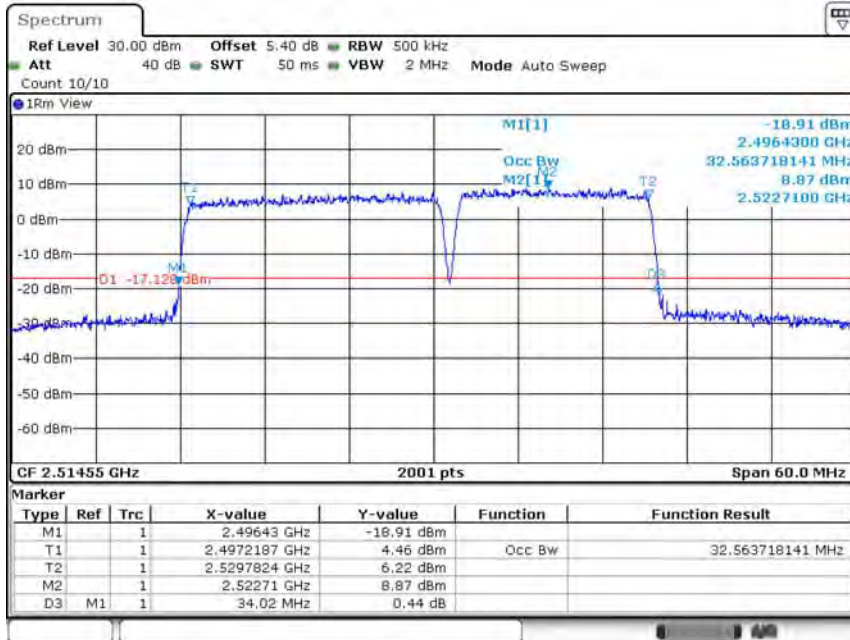
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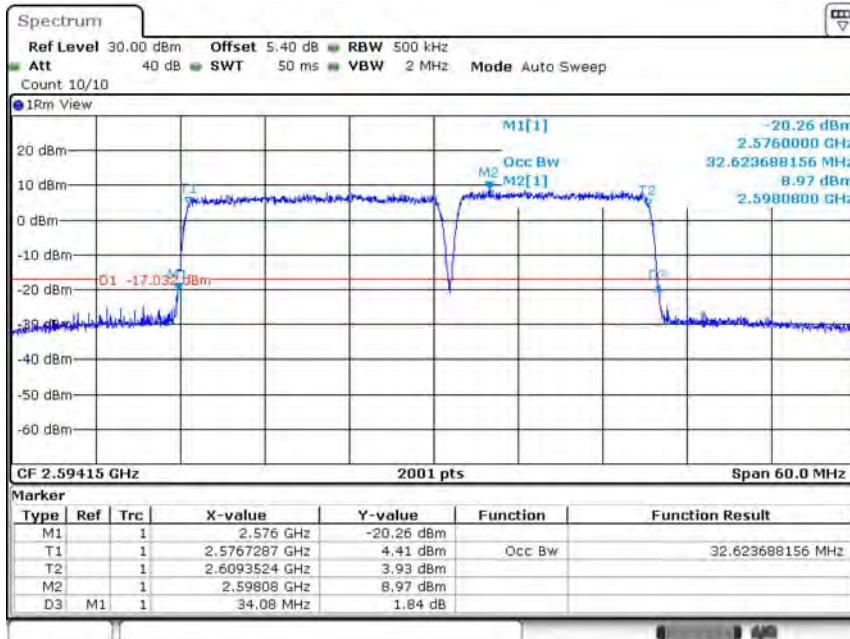


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Date: 21.JUL 2021 23:09:02

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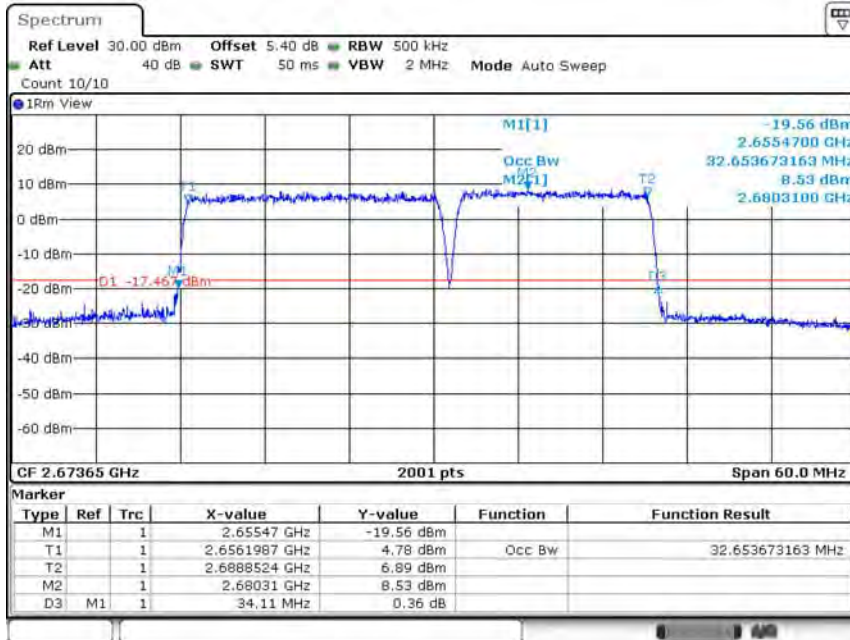


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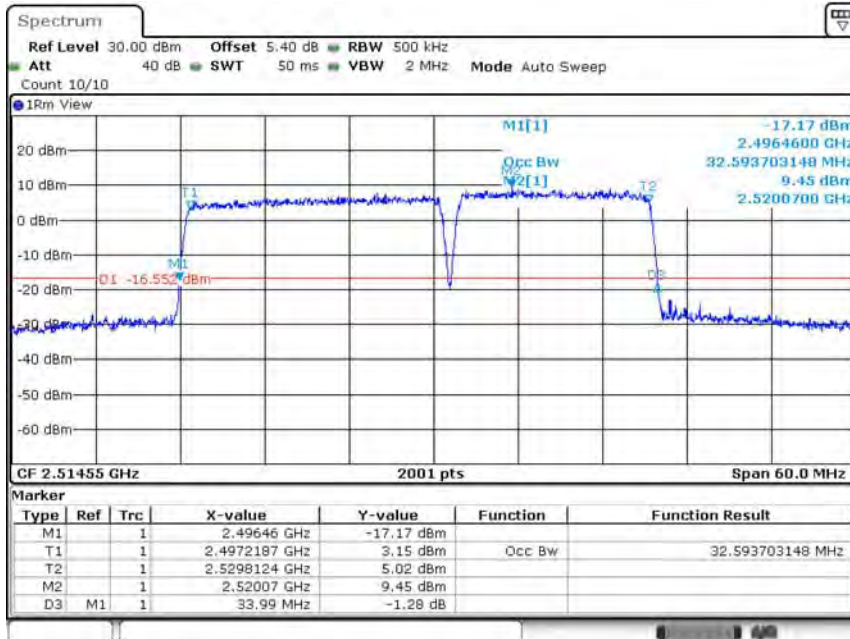


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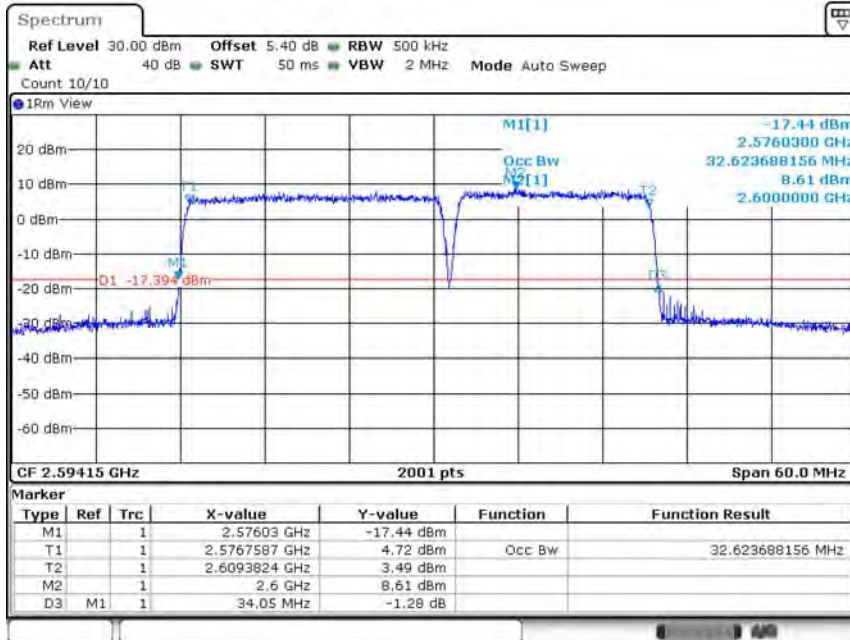
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Date: 22.JUL 2021 01:57:03

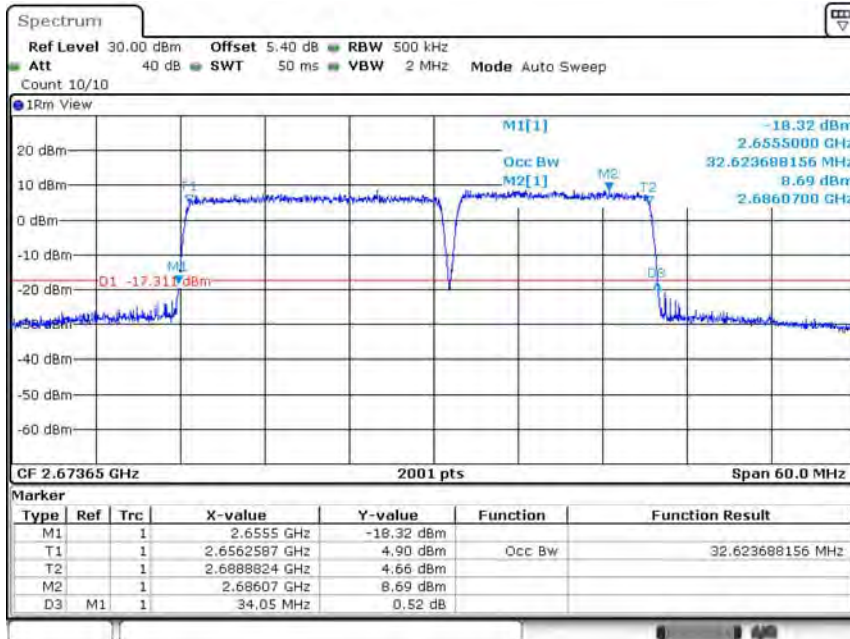


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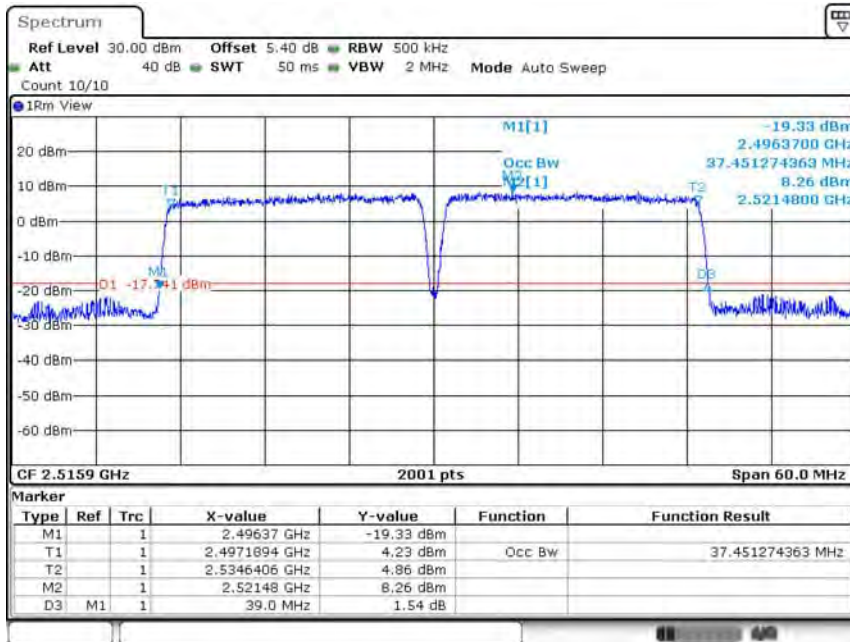


Date: 22 JUL 2021 01:58:07



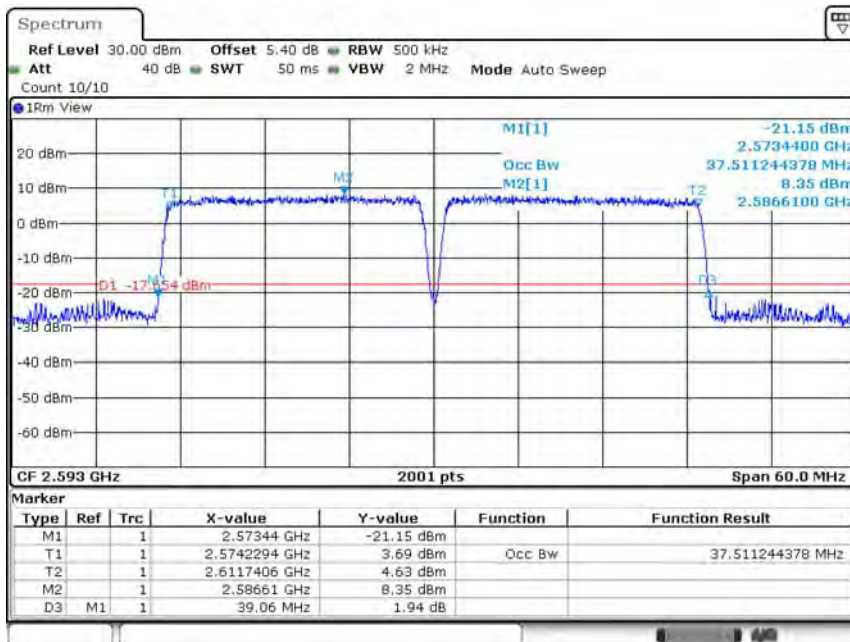


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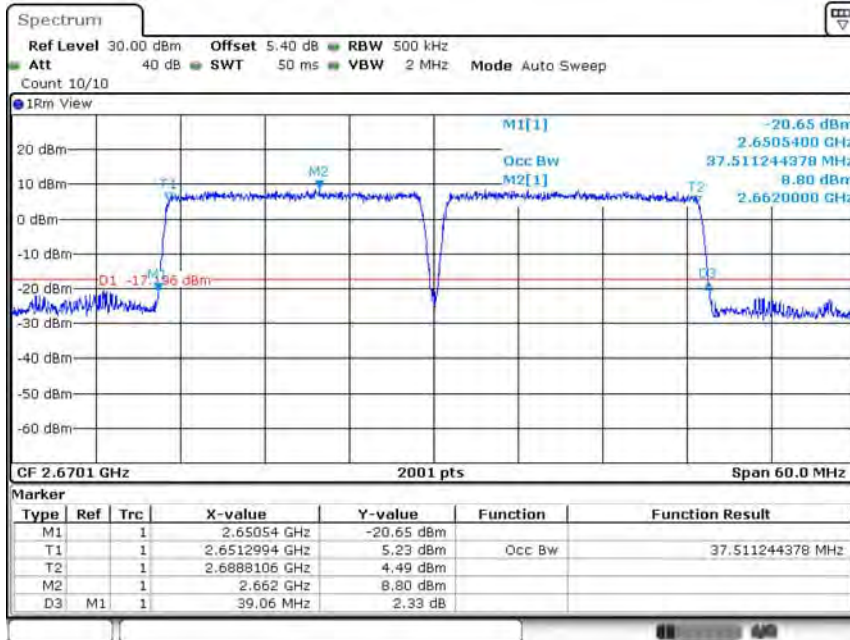
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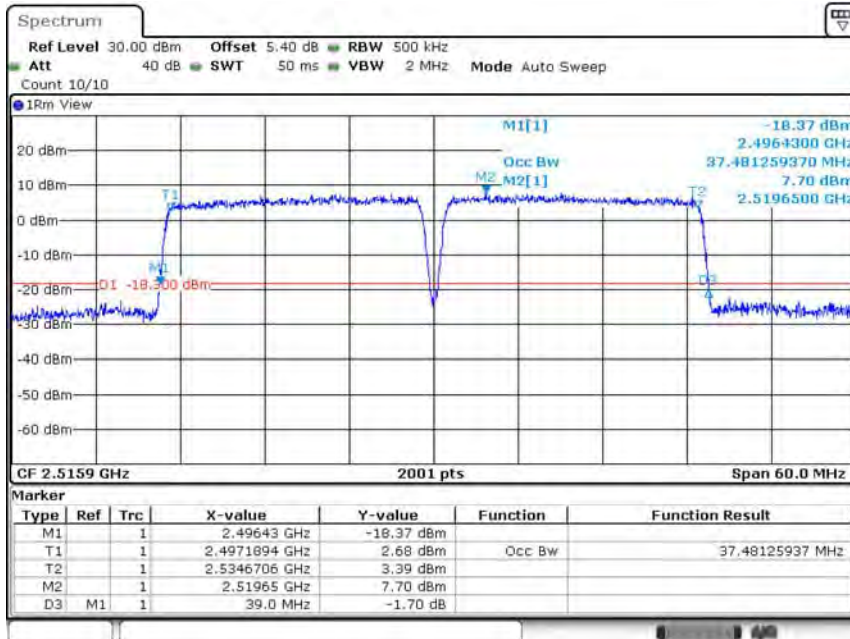


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Date: 21.JUL 2021 23:24:27

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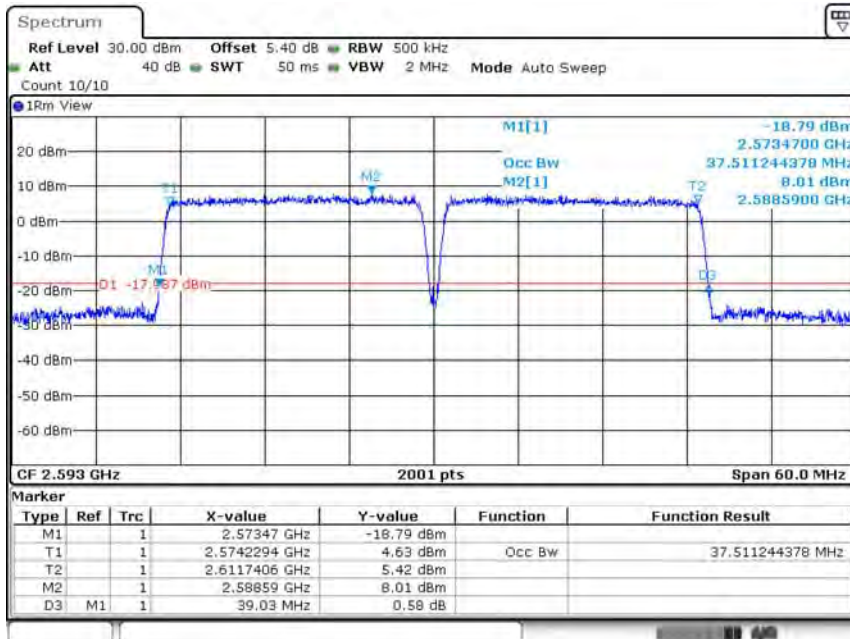


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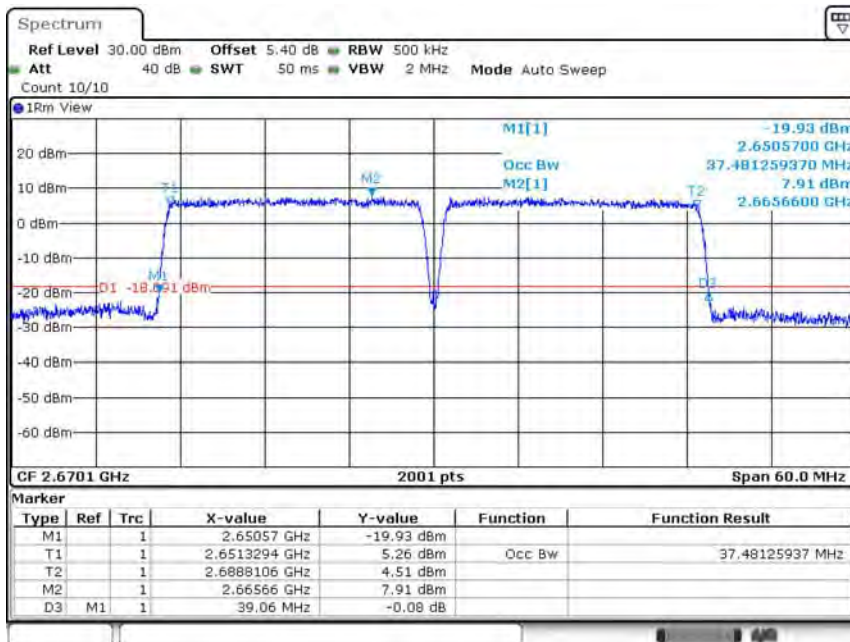


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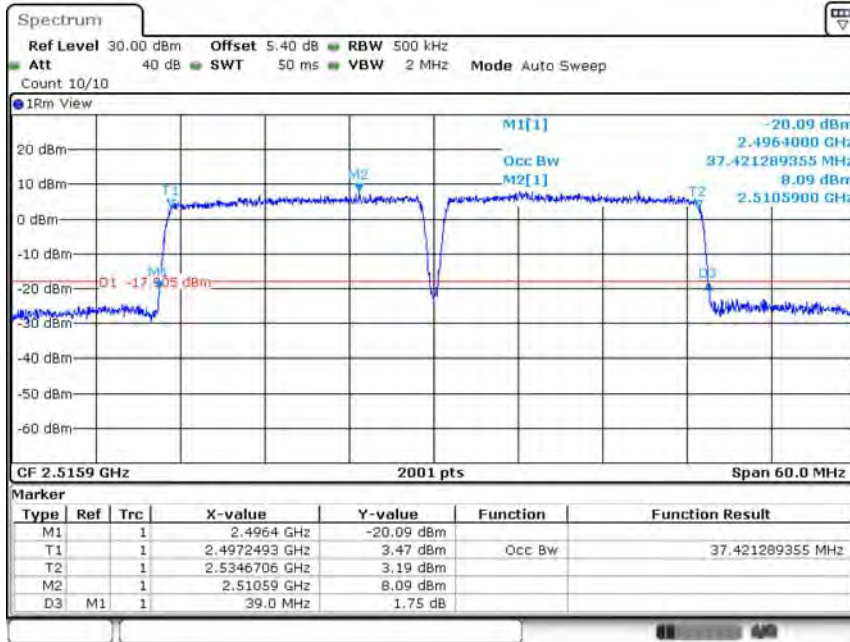
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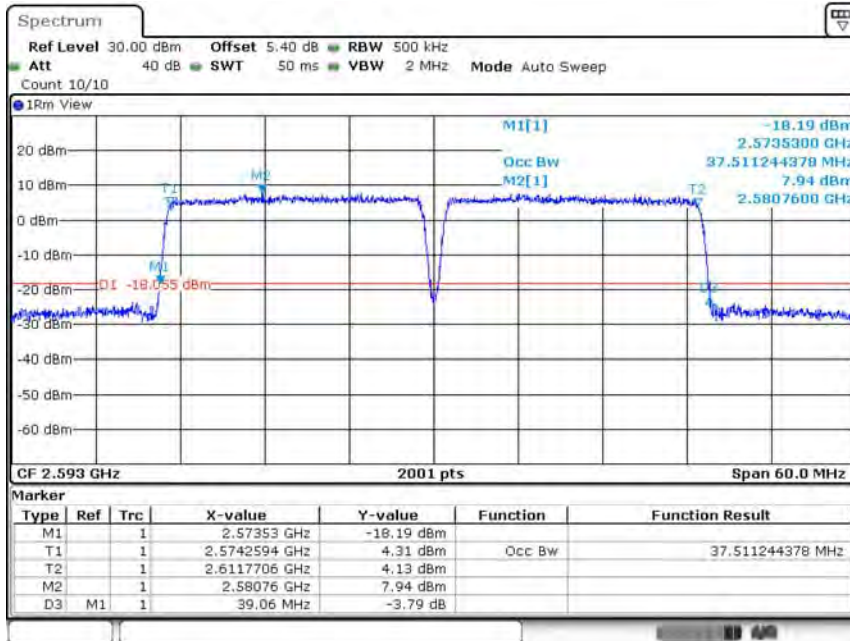


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Date: 22 JUL 2021 01:59:21

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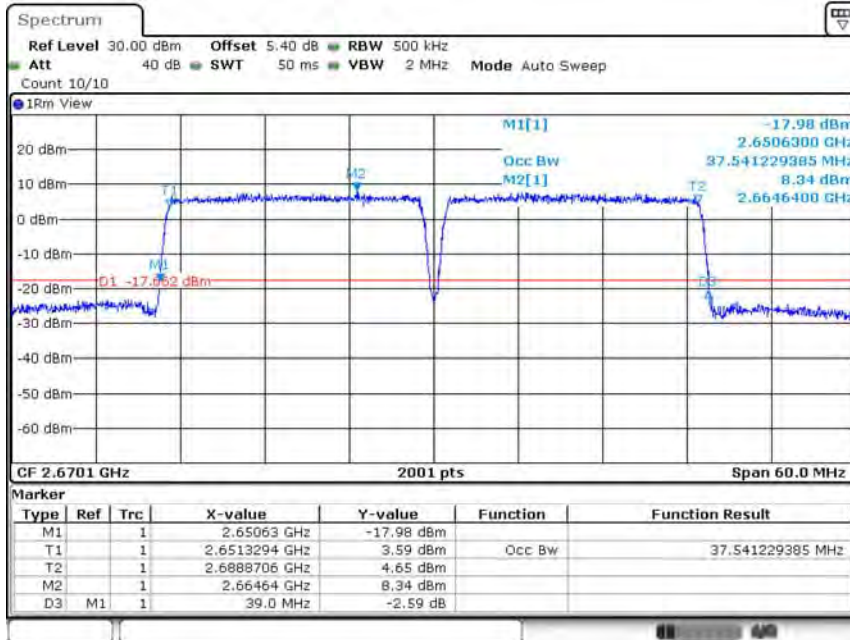


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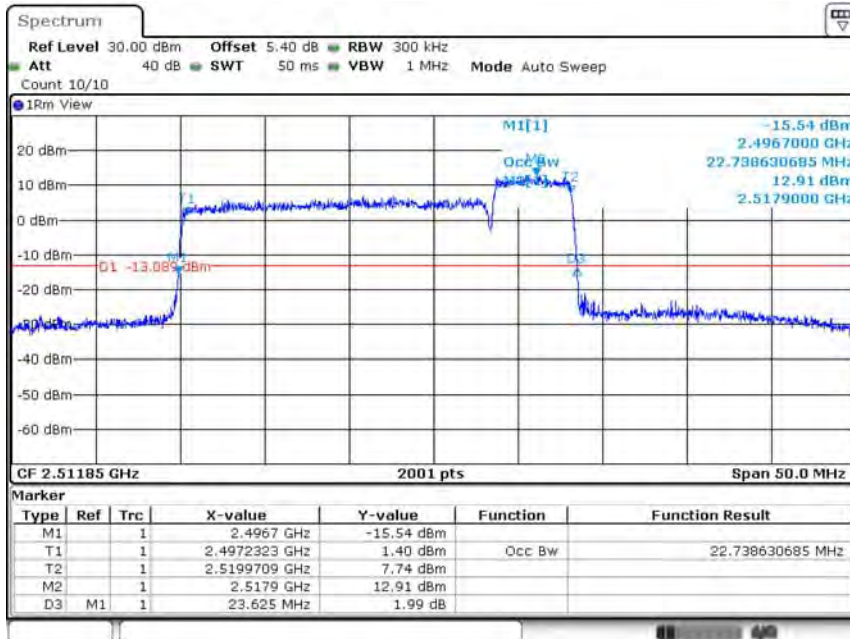


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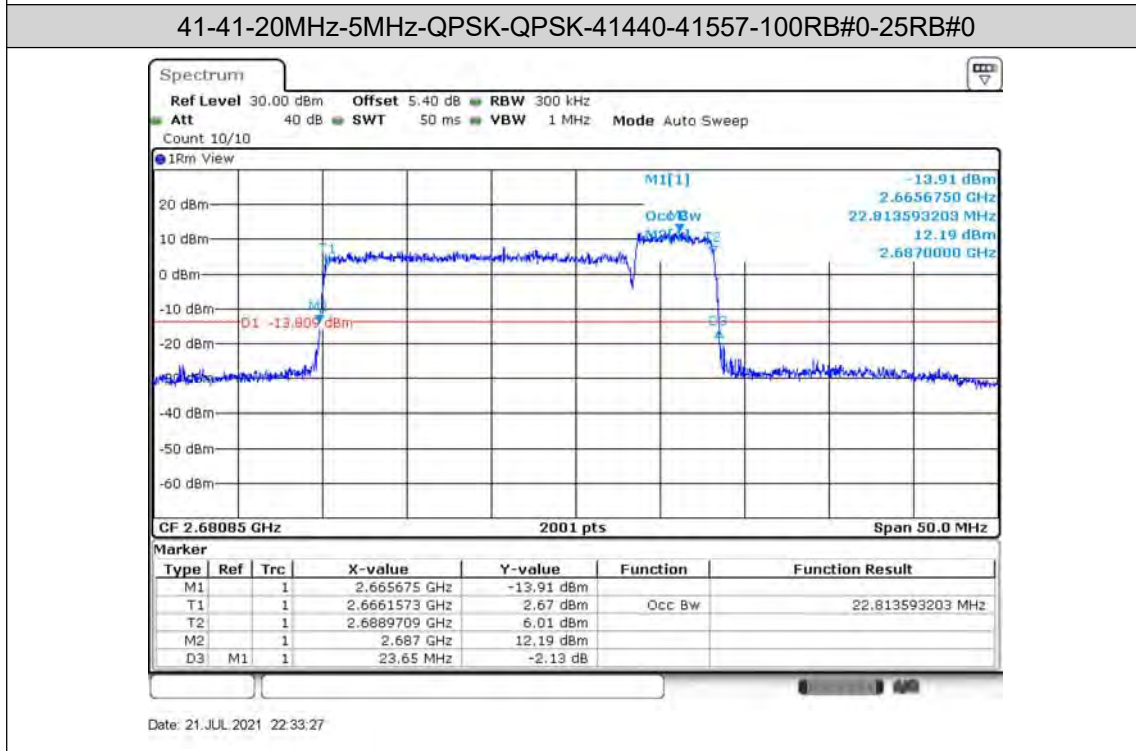
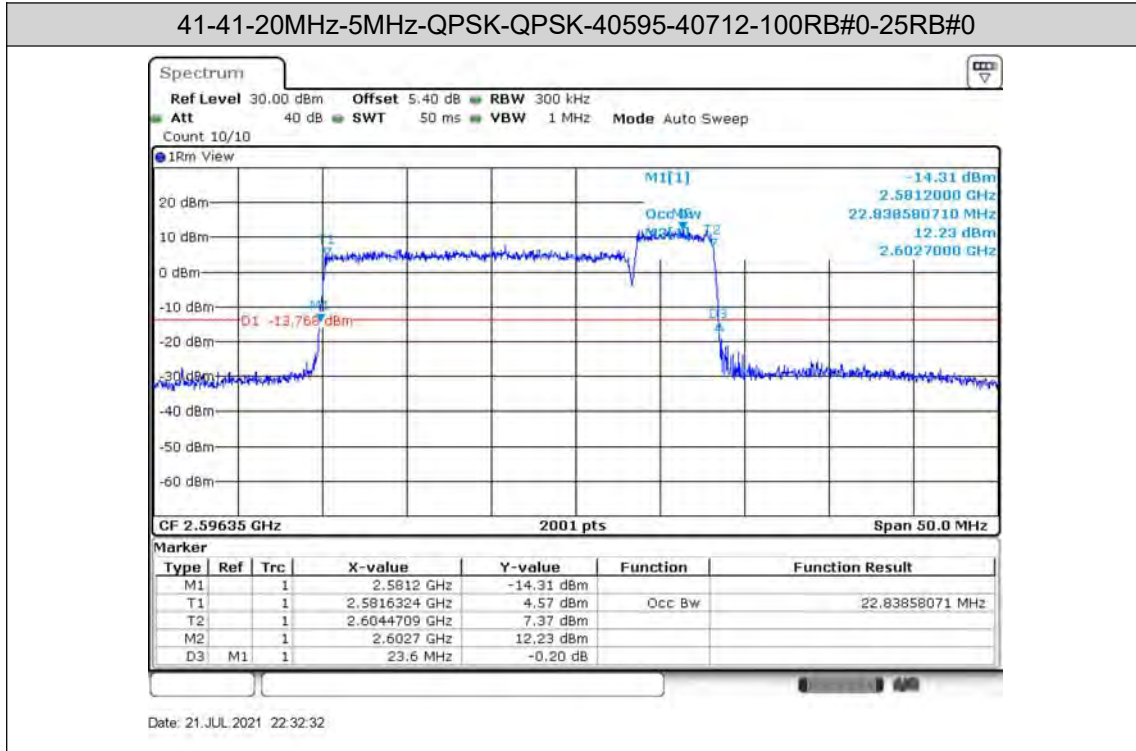
Date: 22.JUL.2021 02:00:25

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Date: 21.JUL.2021 22:31:27



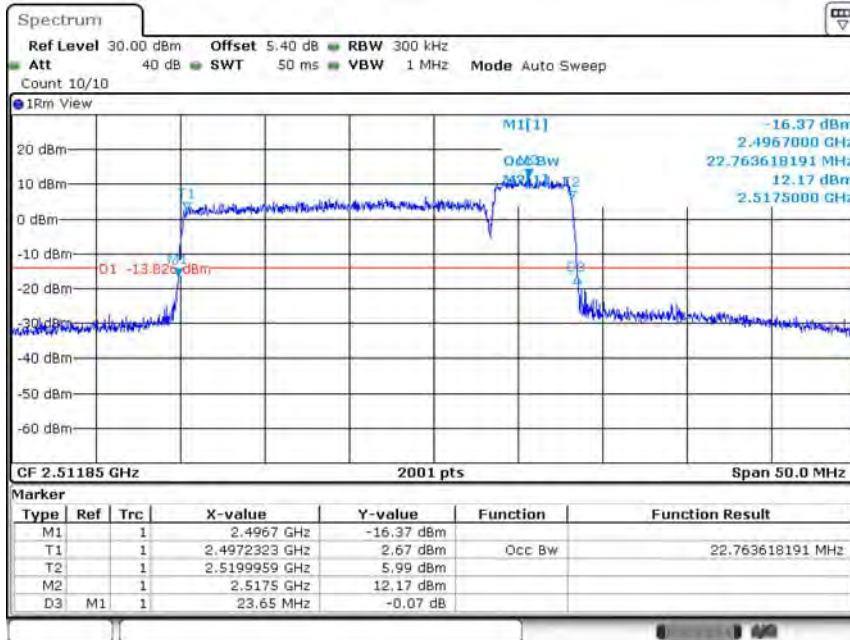


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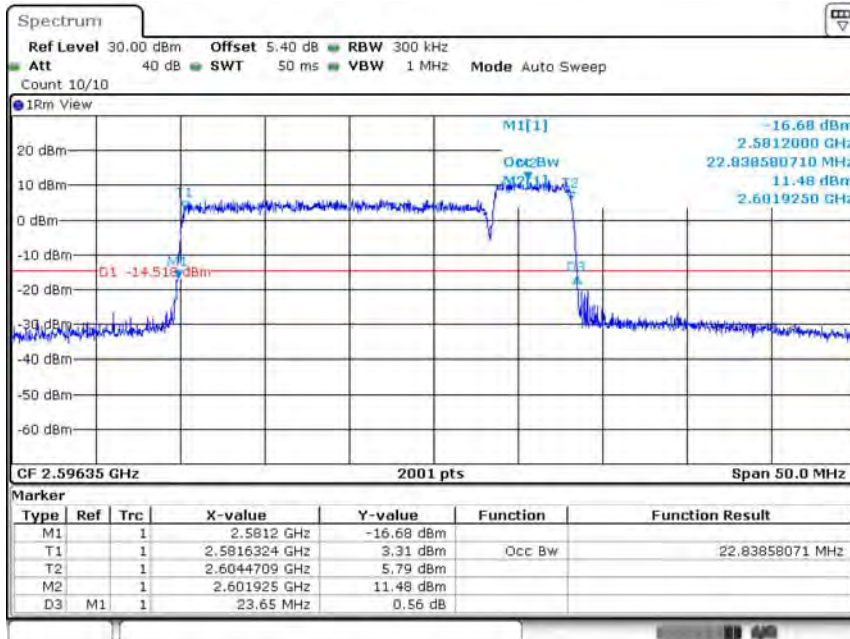


41-41-20MHz-5MHz-16QAM-16QAM-39750-39867-100RB#0-25RB#0



Date: 21.JUL 2021 22:31:52

41-41-20MHz-5MHz-16QAM-16QAM-40595-40712-100RB#0-25RB#0

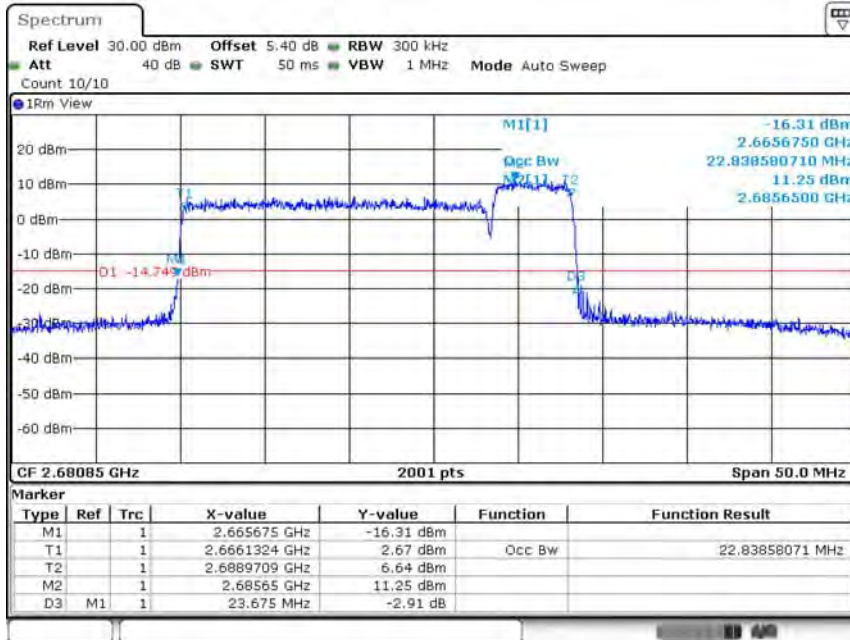


Date: 21.JUL 2021 22:32:57



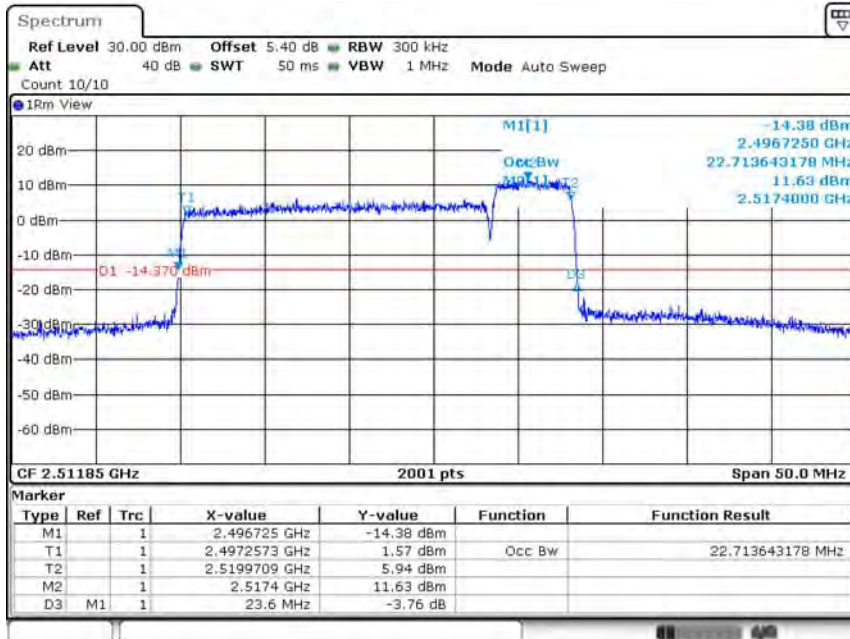
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41-41-20MHz-5MHz-16QAM-16QAM-41440-41557-100RB#0-25RB#0



Date: 21.JUL 2021 22:33:53

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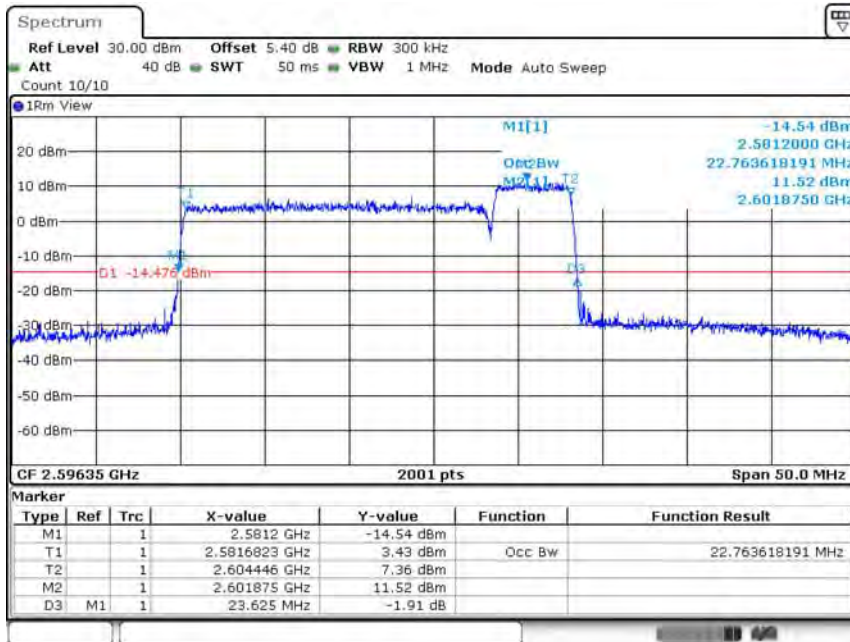


Date: 21.JUL 2021 23:48:41



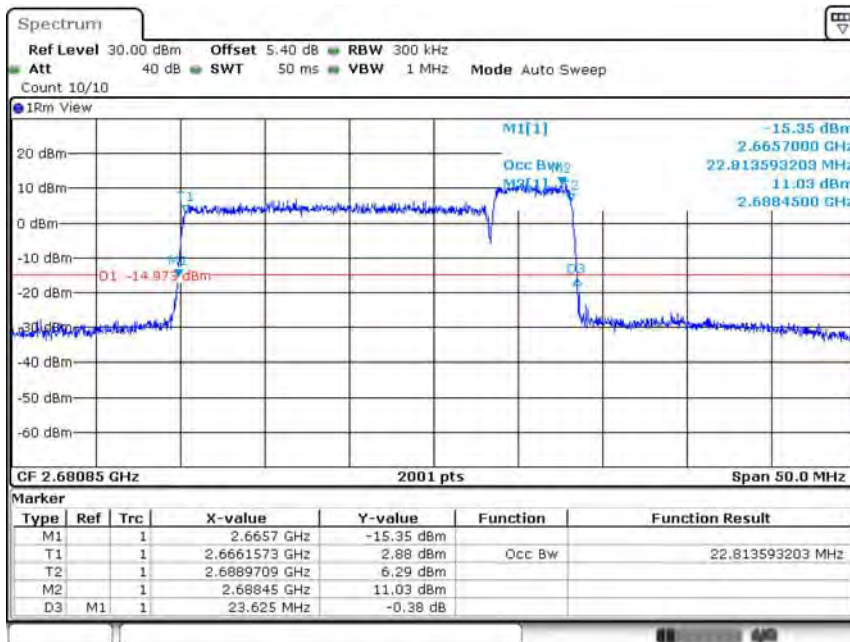


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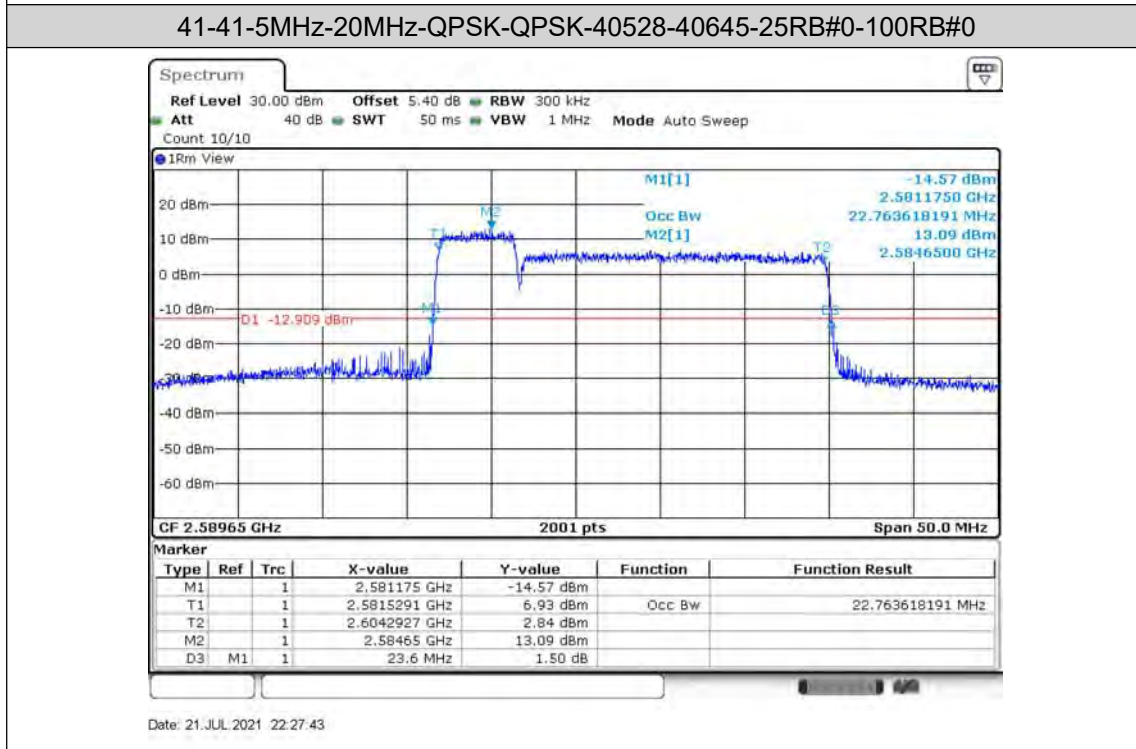
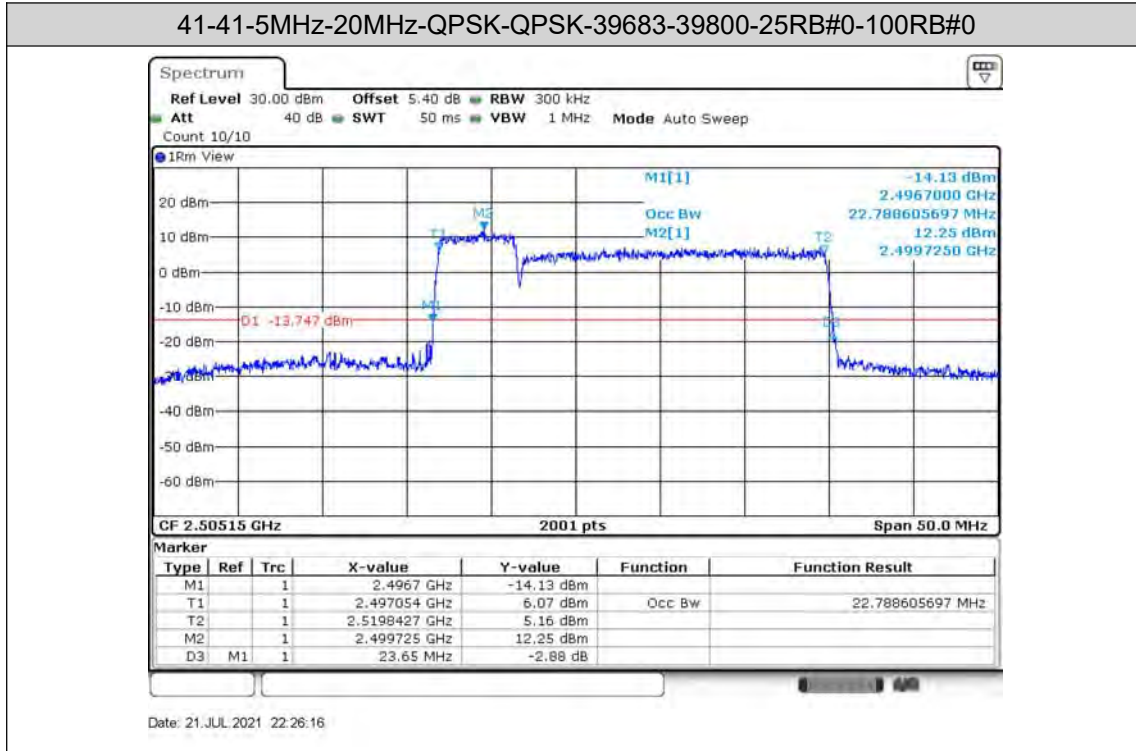
Date: 21.JUL 2021 23:49:13

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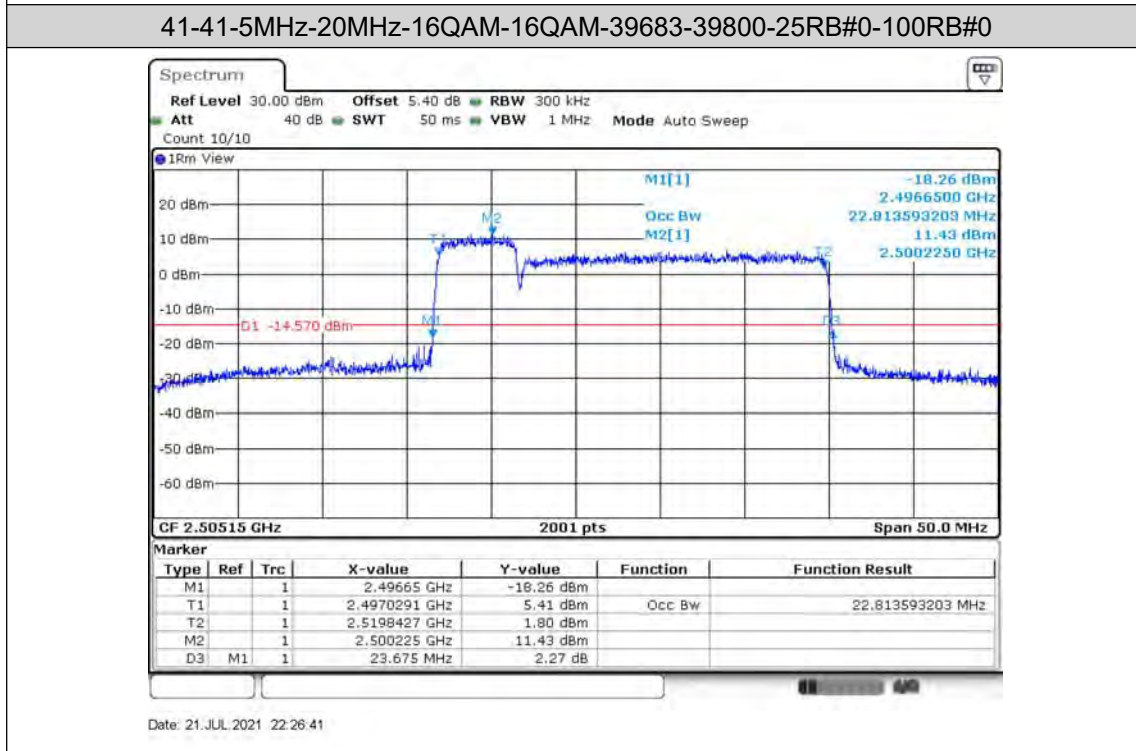
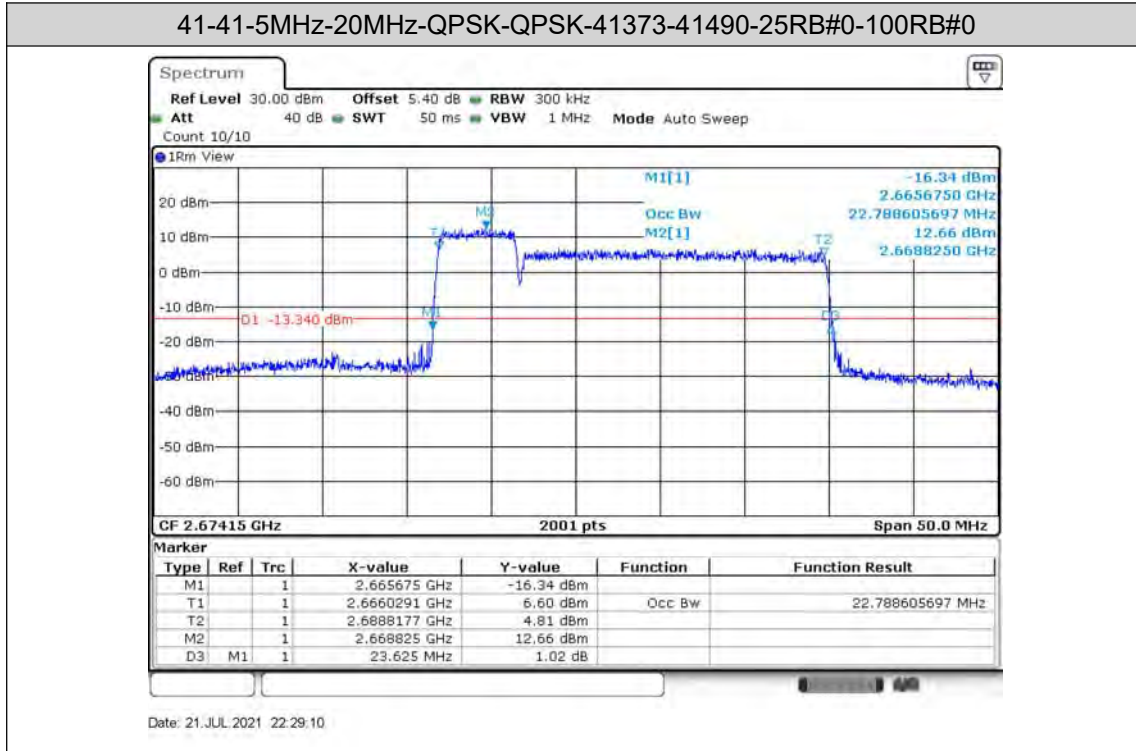
Date: 21.JUL 2021 23:49:55





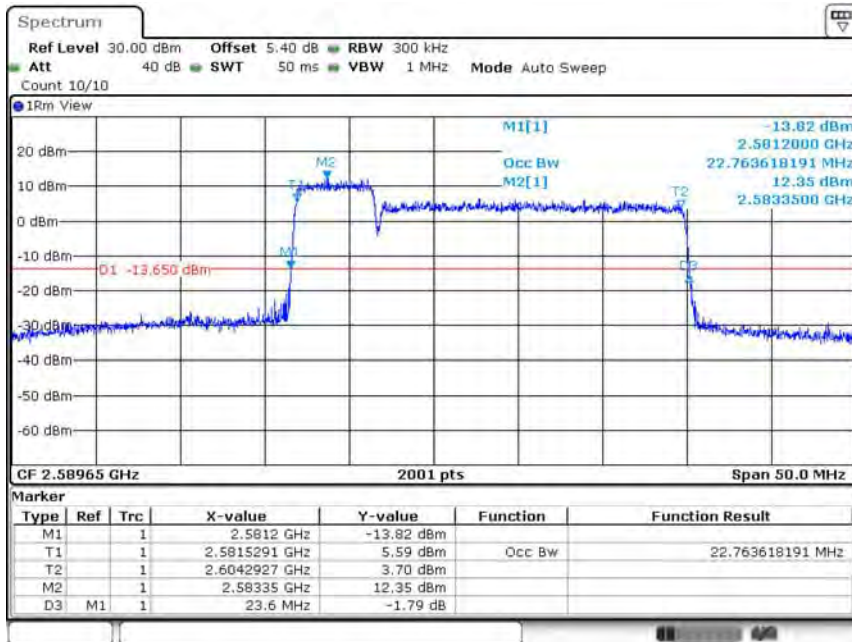
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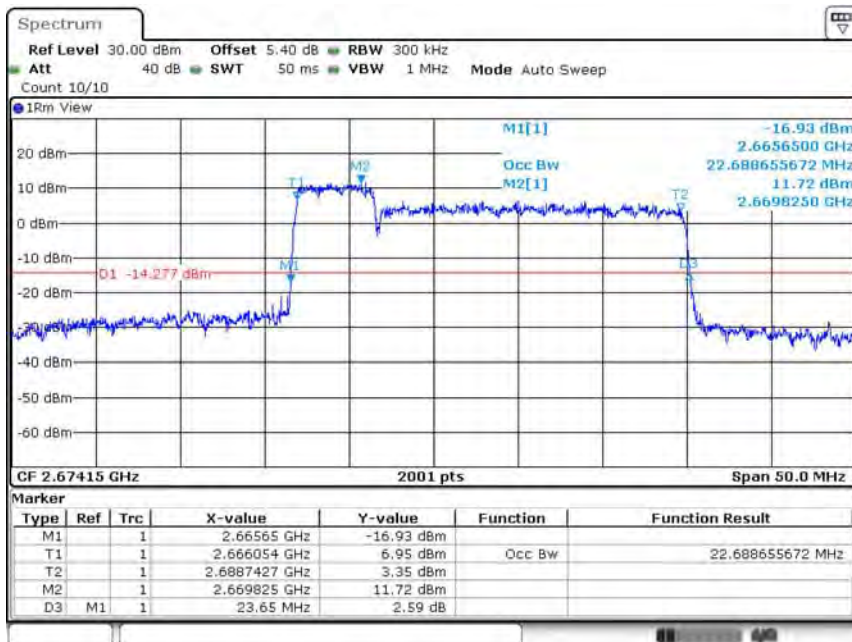
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41-41-5MHz-20MHz-16QAM-16QAM-40528-40645-25RB#0-100RB#0



Date: 21.JUL 2021 22:28:08

41-41-5MHz-20MHz-16QAM-16QAM-41373-41490-25RB#0-100RB#0

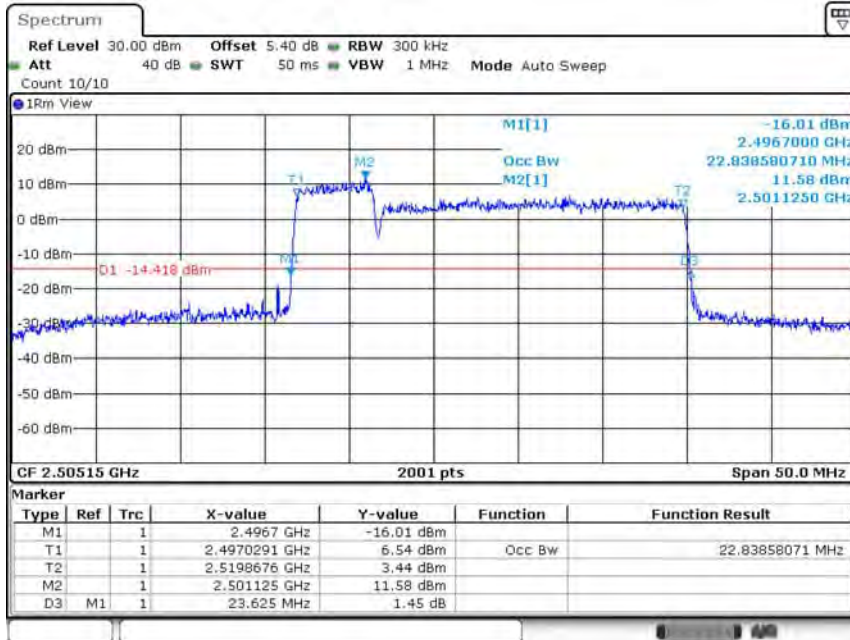


Date: 21.JUL 2021 22:29:35

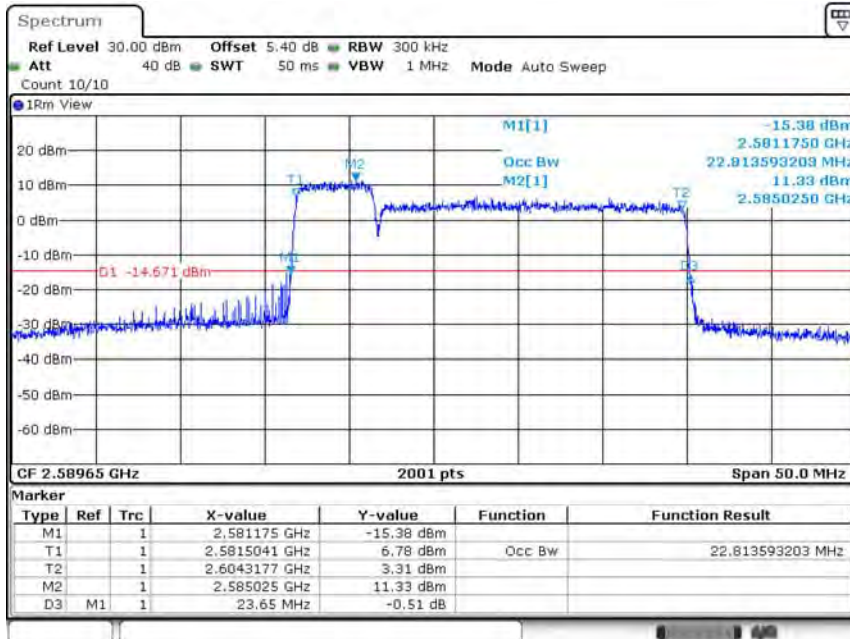




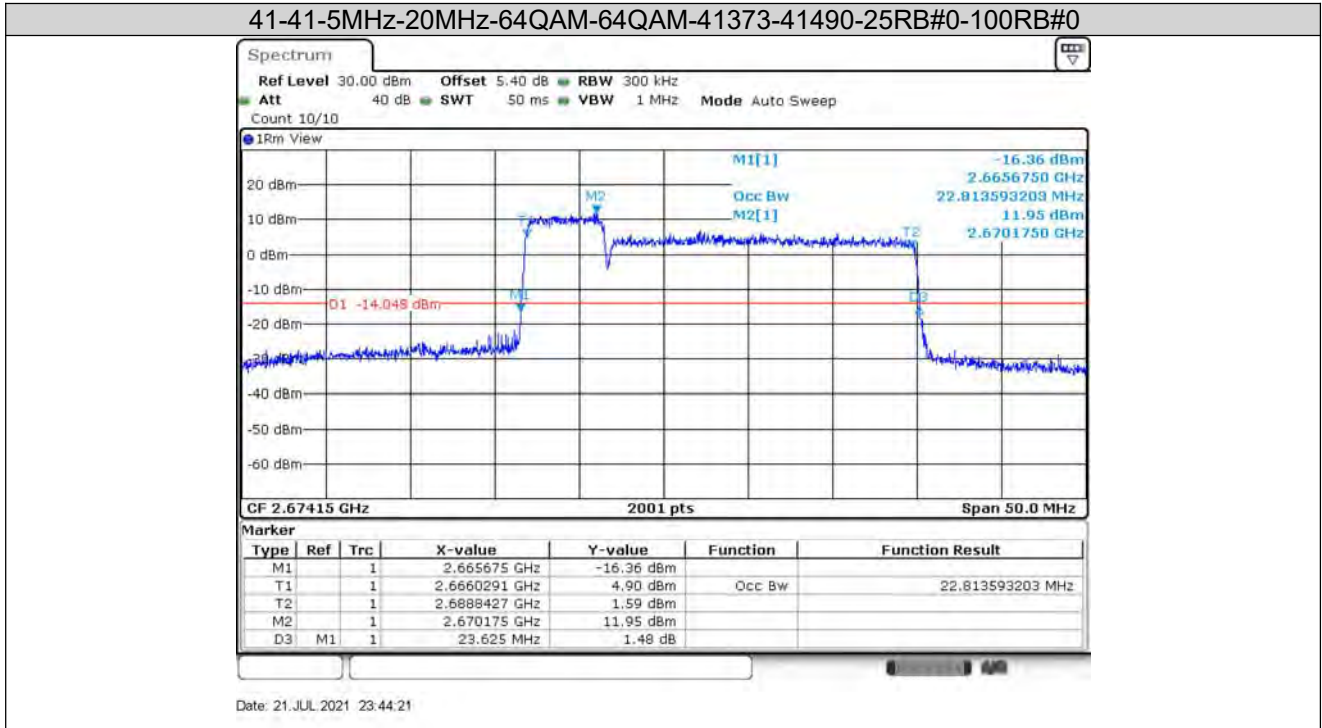
41-41-5MHz-20MHz-64QAM-64QAM-39683-39800-25RB#0-100RB#0



41-41-5MHz-20MHz-64QAM-64QAM-40528-40645-25RB#0-100RB#0



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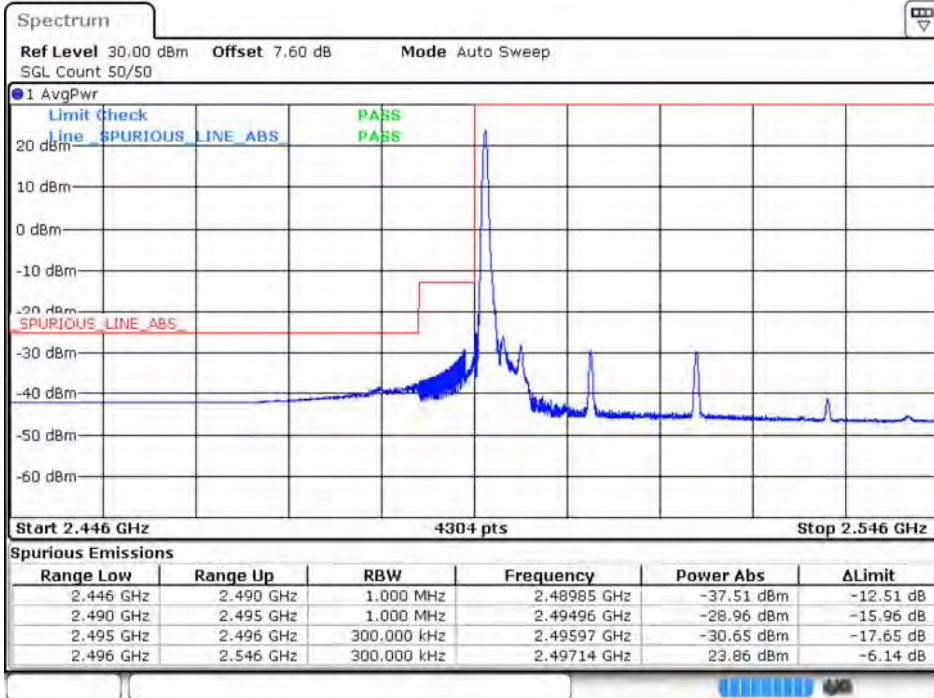
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**Band Edge Test Graphs**

CA\_41C\_25RB+100RB\_QPSK\_39683+39800\_1RB#0+0RB#0

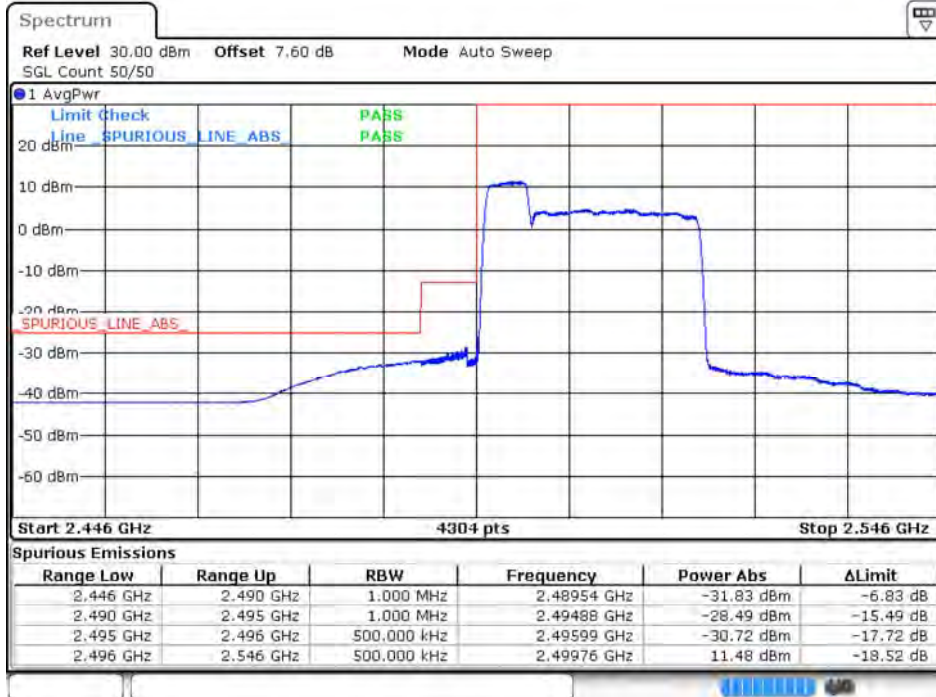


Date: 22 JUL 2021 10:46:16



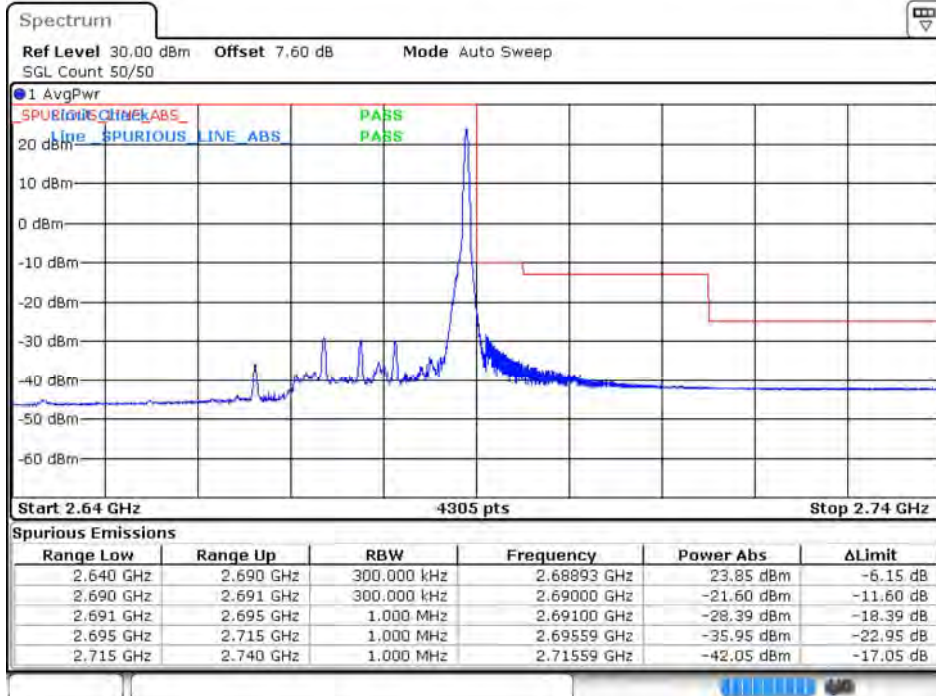
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**CA 41C 25RB+100RB QPSK 39683+39800 25RB#0+100RB#0**



Date: 22 JUL 2021 10:46:57

**CA 41C 25RB+100RB QPSK 41373+41490 0RB#0+1RB#99**



Date: 22 JUL 2021 10:48:07

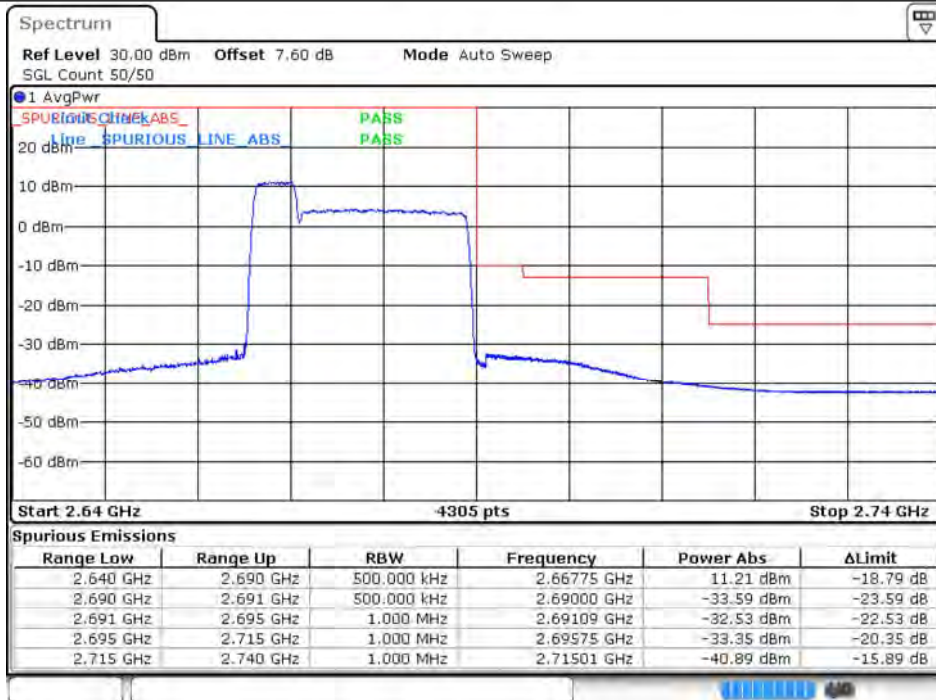


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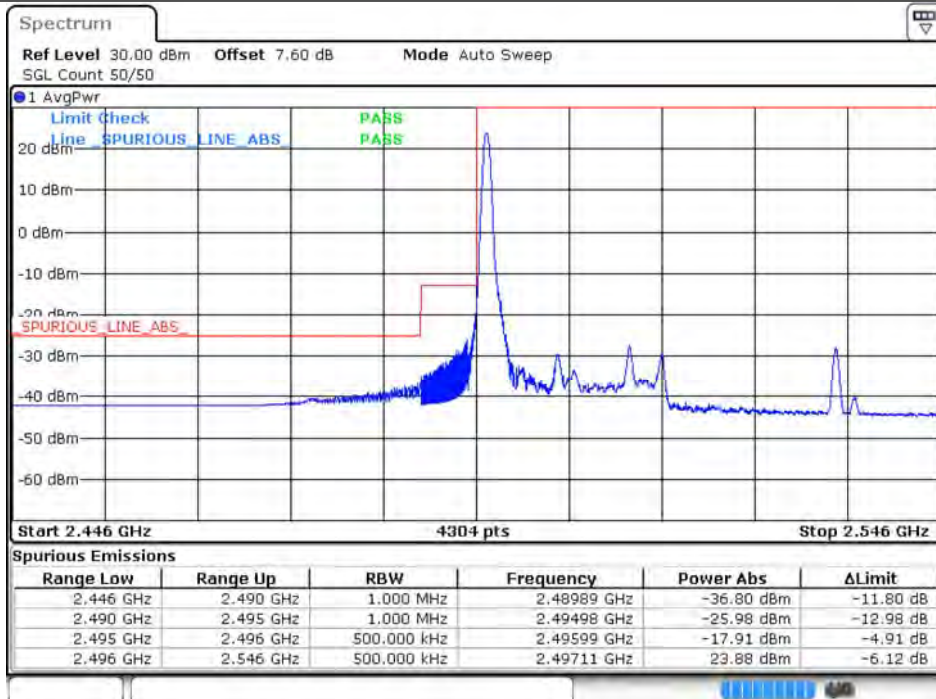


**CA 41C 25RB+100RB QPSK 41373+41490 25RB#0+100RB#0**



Date: 22 JUL 2021 10:48:54

**CA 41C 100RB+100RB QPSK 39750+39948 1RB#0+0RB#0**



Date: 22 JUL 2021 10:49:52



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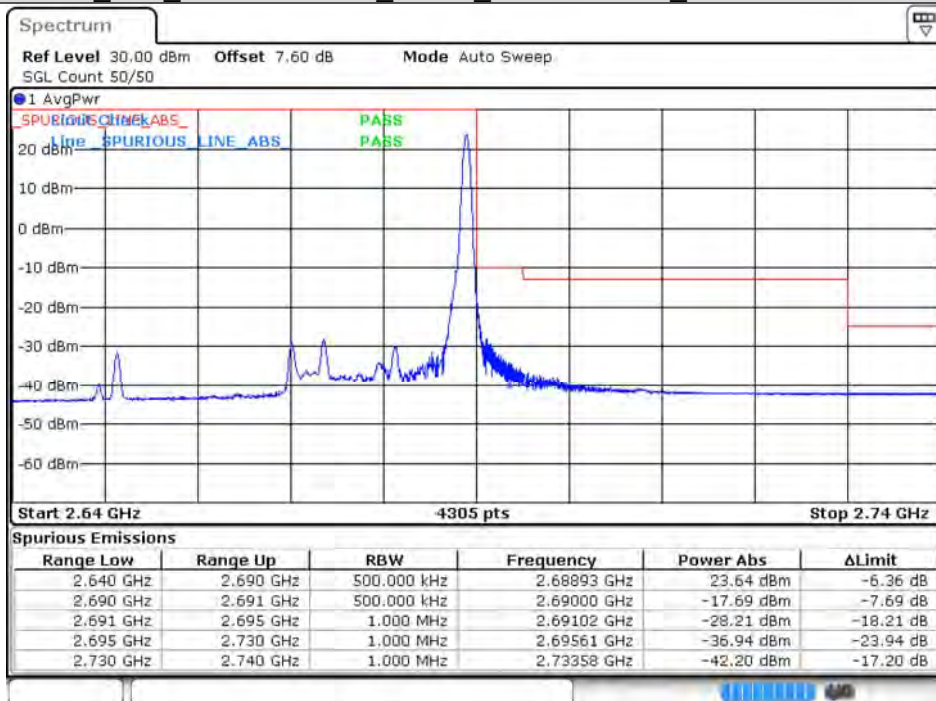
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**CA 41C 100RB+100RB QPSK 39750+39948 100RB#0+100RB#0**



Date: 22 JUL 2021 10:50:50

**CA 41C 100RB+100RB QPSK 41292+41490\_0RB#0+1RB#99**



Date: 22 JUL 2021 10:51:54



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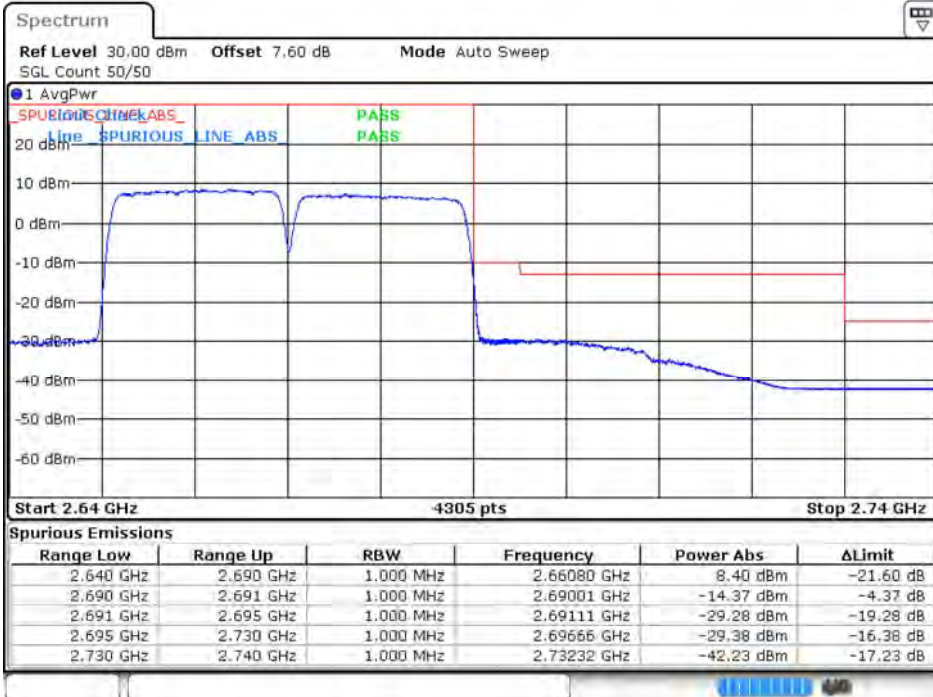
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CA 41C 100RB+100RB QPSK 41292+41490 100RB#0+100RB#0



Date: 22 JUL 2021 10:52:36



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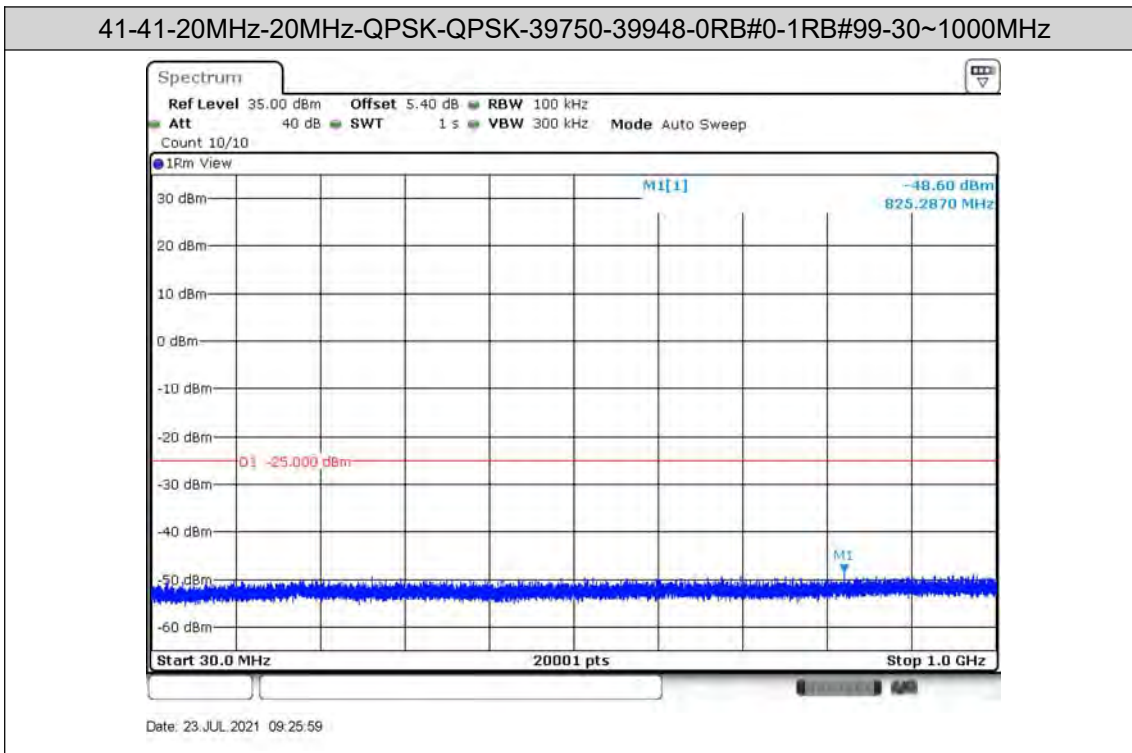
### Conducted Spurious Emission

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k \* (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

Remark3: The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed

### Test Graphs



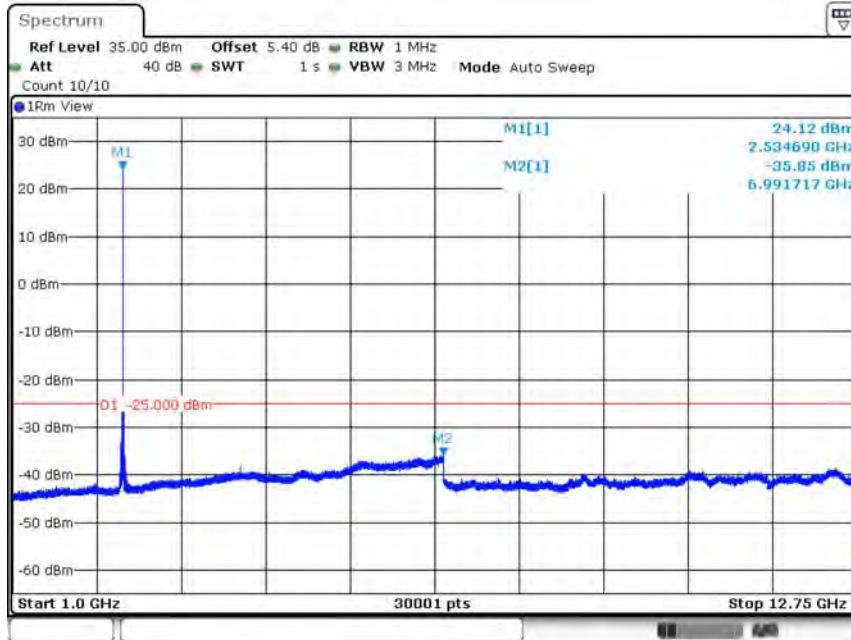
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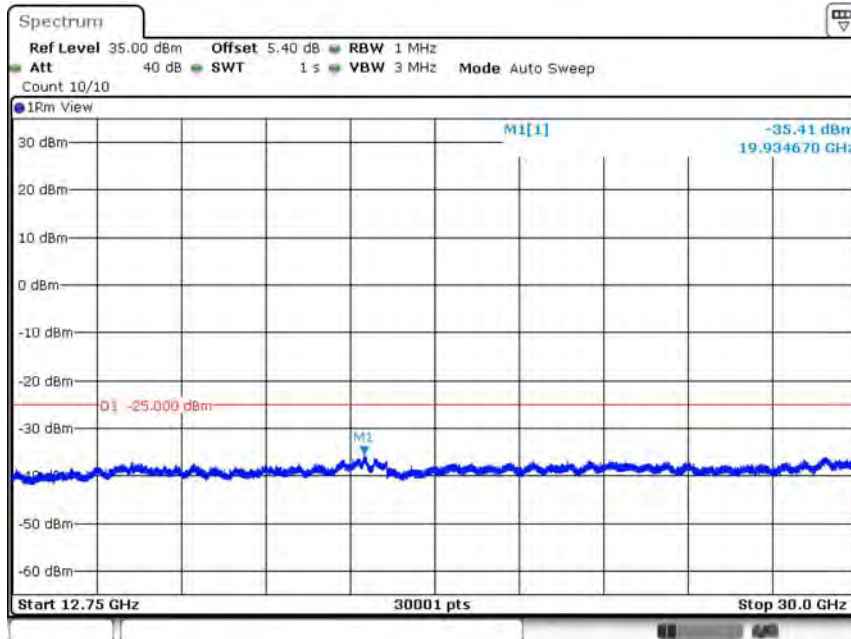


41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-0RB#0-1RB#99-1000~12750MHz



Date: 23 JUL 2021 09:26:15

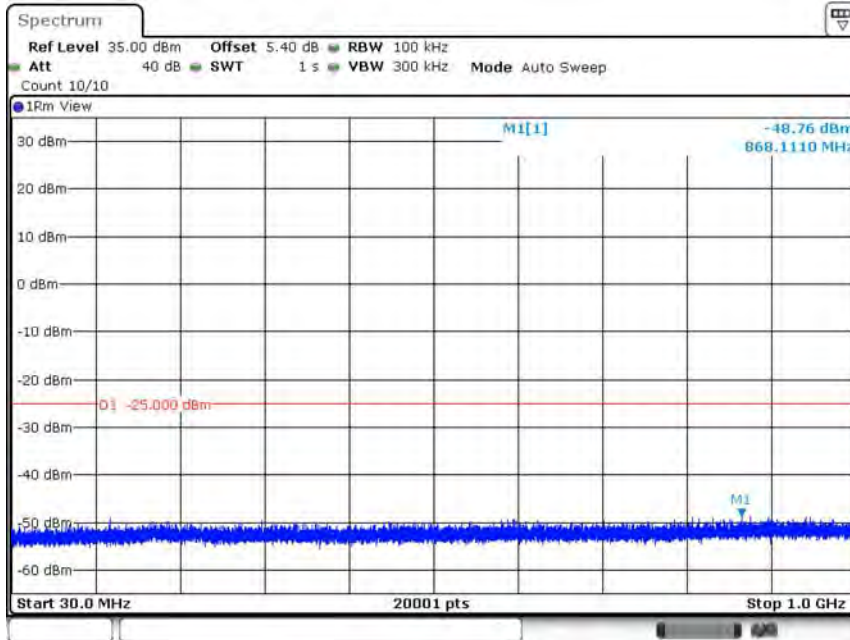
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Date: 23 JUL 2021 09:26:30

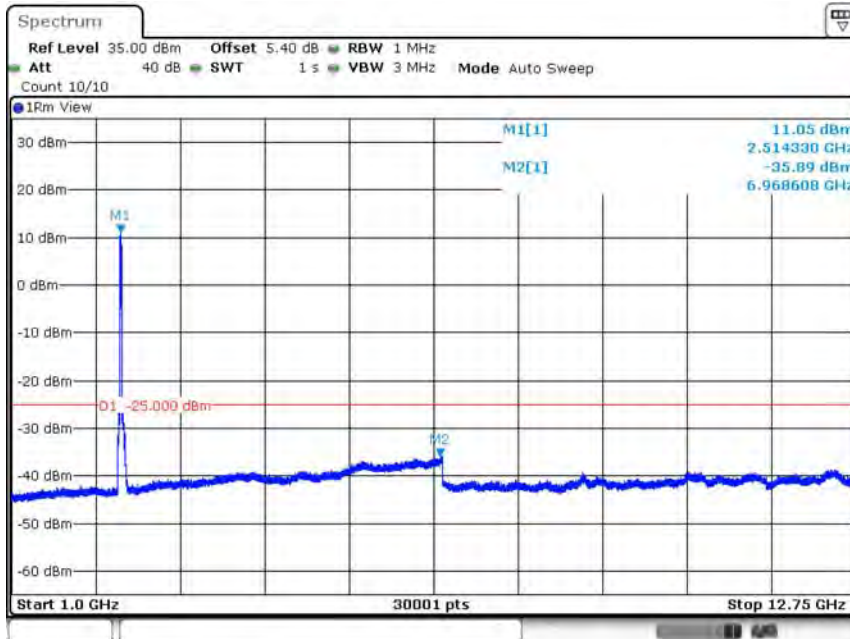


41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-100RB#0-100RB#0-30~1000MHz



Date: 23.JUL.2021 09:27:07

41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-100RB#0-100RB#0-1000~12750MHz



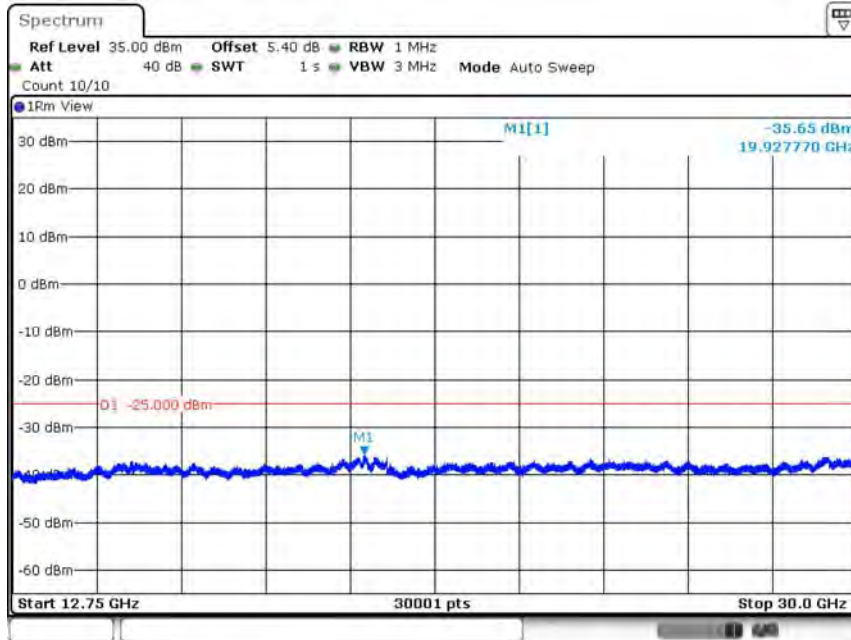
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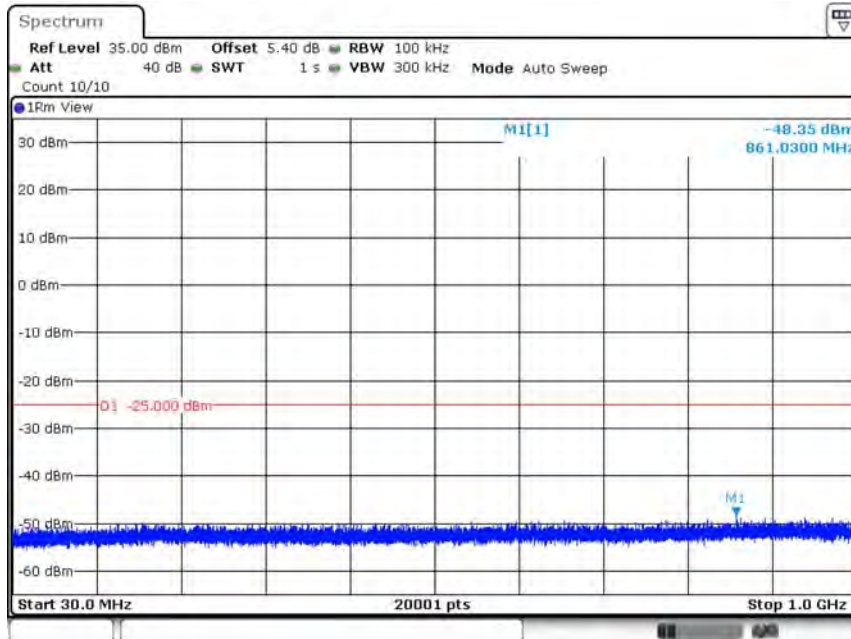


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Date: 23 JUL 2021 09:27:38

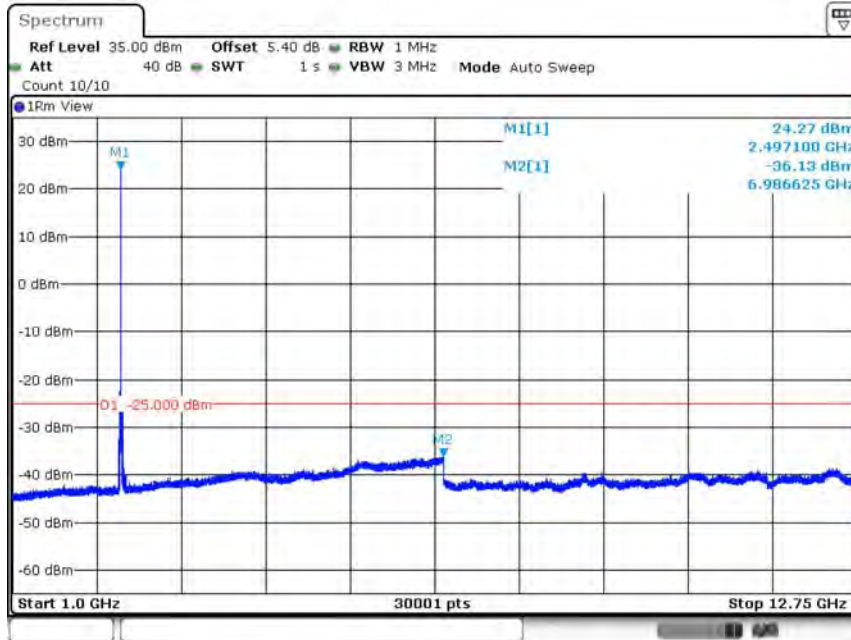
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Date: 23 JUL 2021 09:24:50

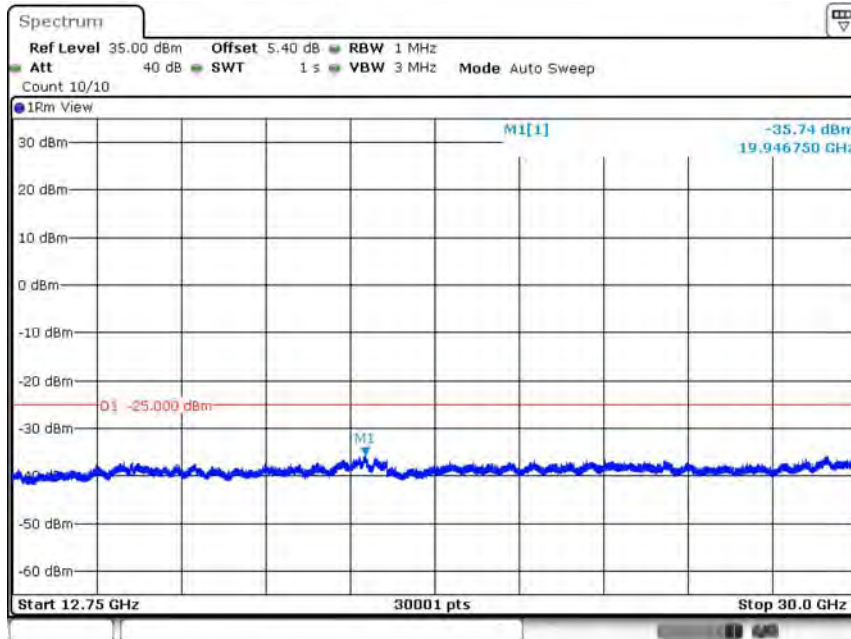


41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-ORB#0-1000~12750MHz



Date: 23 JUL 2021 09:25:06

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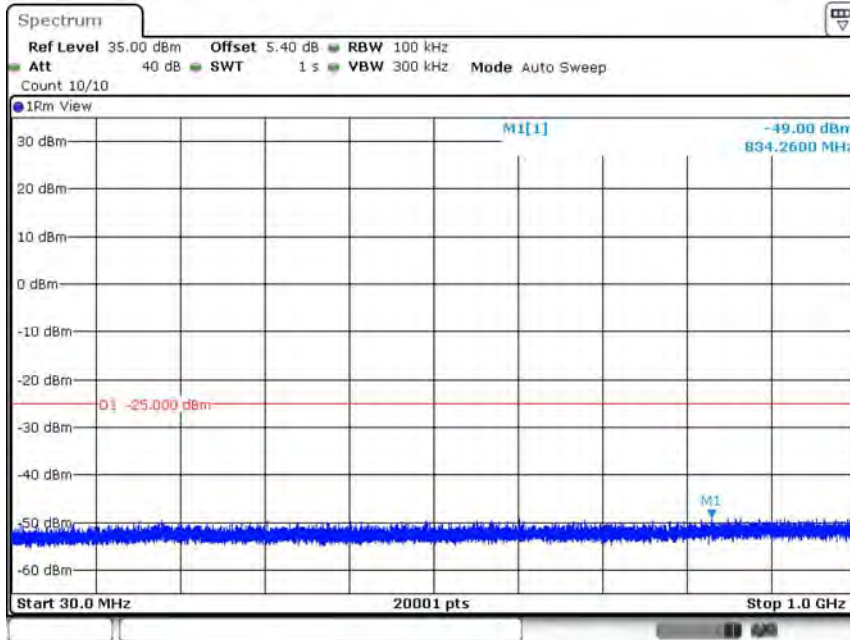


Date: 23 JUL 2021 09:25:21



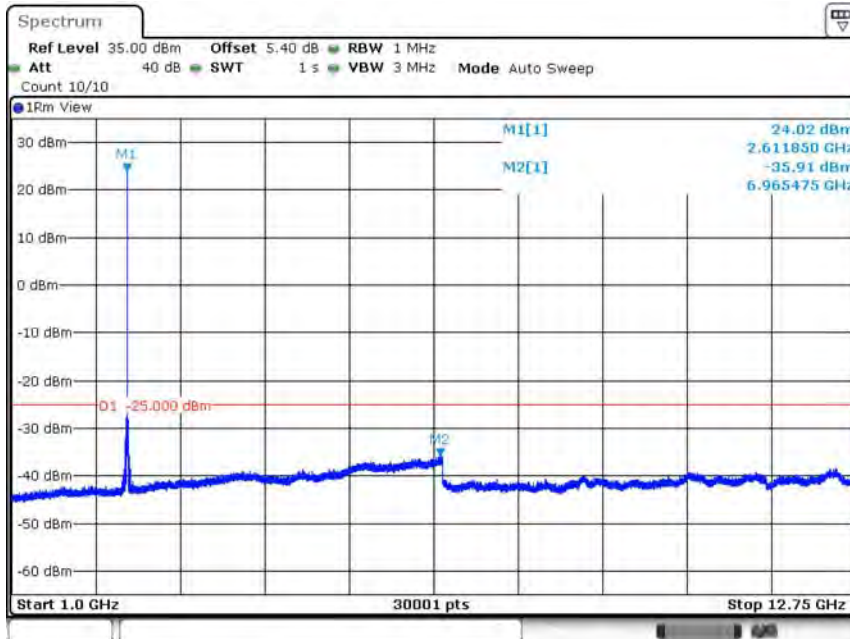


41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-0RB#0-1RB#99-30~1000MHz



Date: 23.JUL.2021 09:29:31

41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-0RB#0-1RB#99-1000~12750MHz

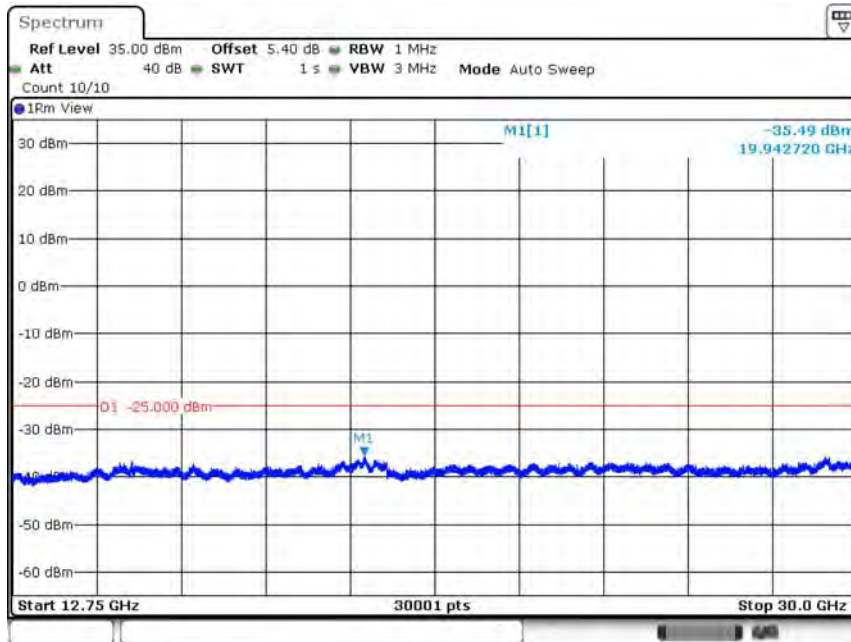


Date: 23.JUL.2021 09:29:47



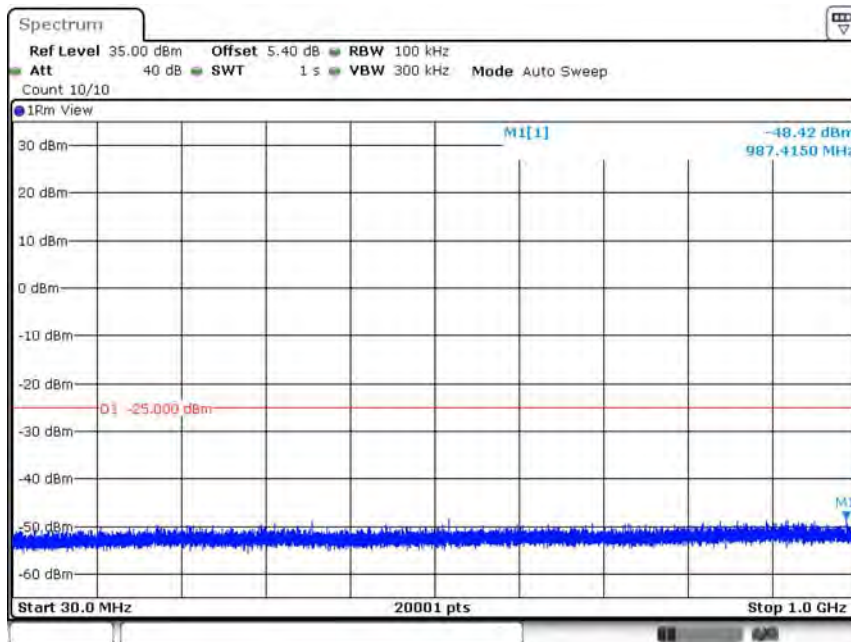


41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-0RB#0-1RB#99-12750~30000MHz



Date: 23.JUL.2021 09:30:02

41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-100RB#0-100RB#0-30~1000MHz



Date: 23.JUL.2021 09:30:39



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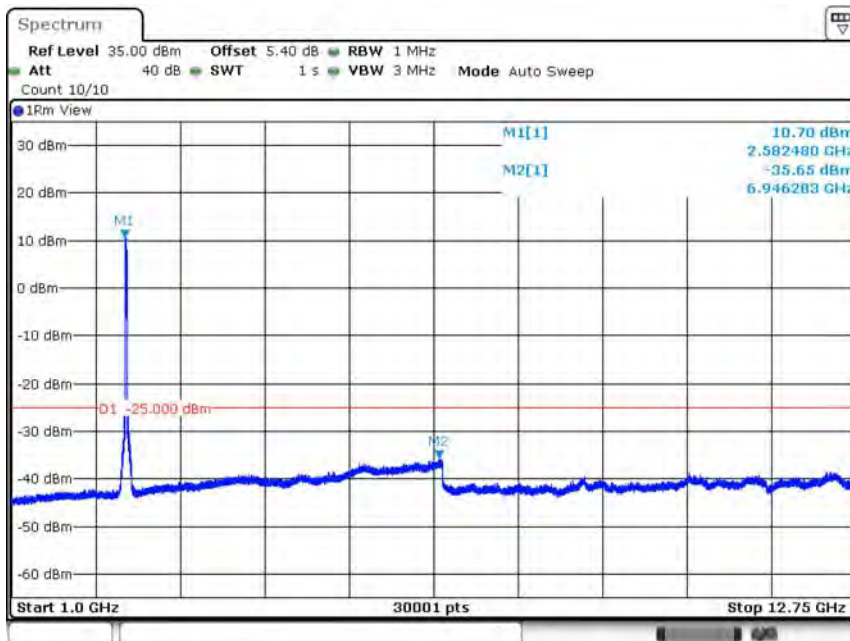
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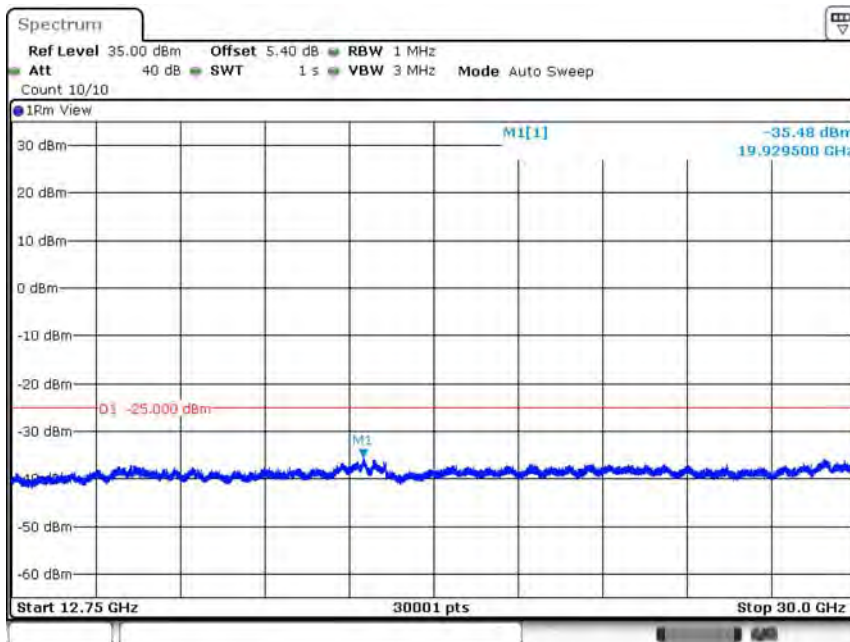


**41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-100RB#0-100RB#0-1000~12750MHz**



Date: 23 JUL 2021 09:30:55

**41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-100RB#0-100RB#0-12750~30000MHz**



Date: 23 JUL 2021 09:31:10



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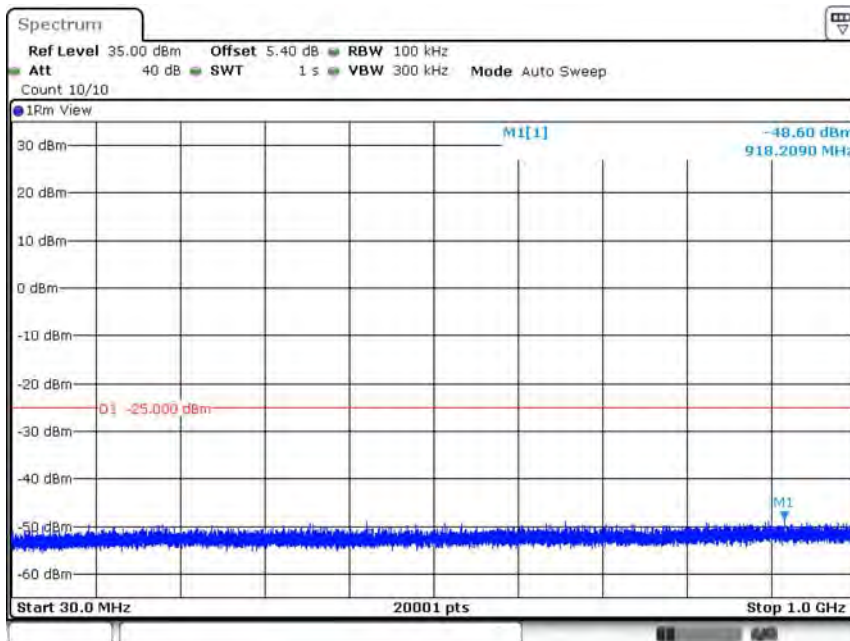
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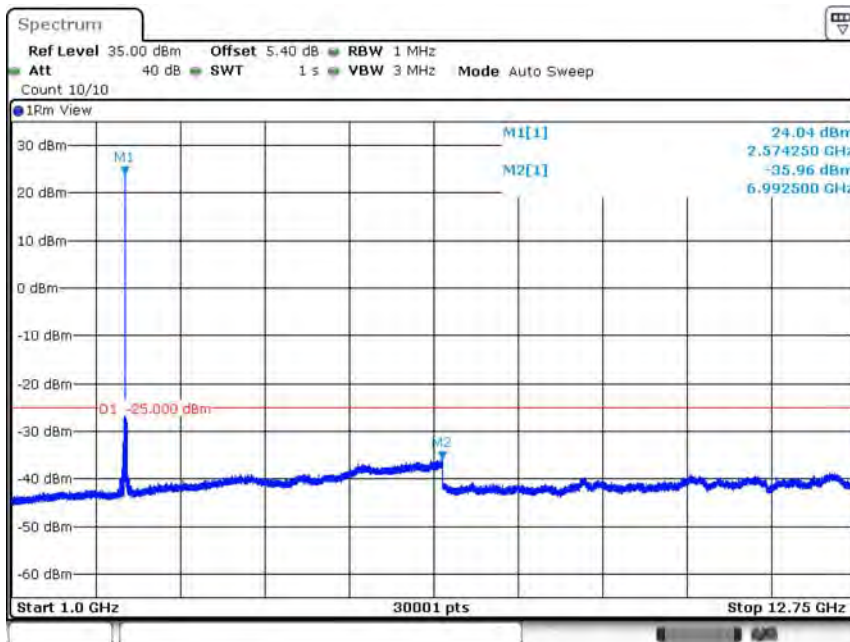


41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-30~1000MHz



Date: 23.JUL.2021 09:28:23

41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-1000~12750MHz



Date: 23.JUL.2021 09:28:38



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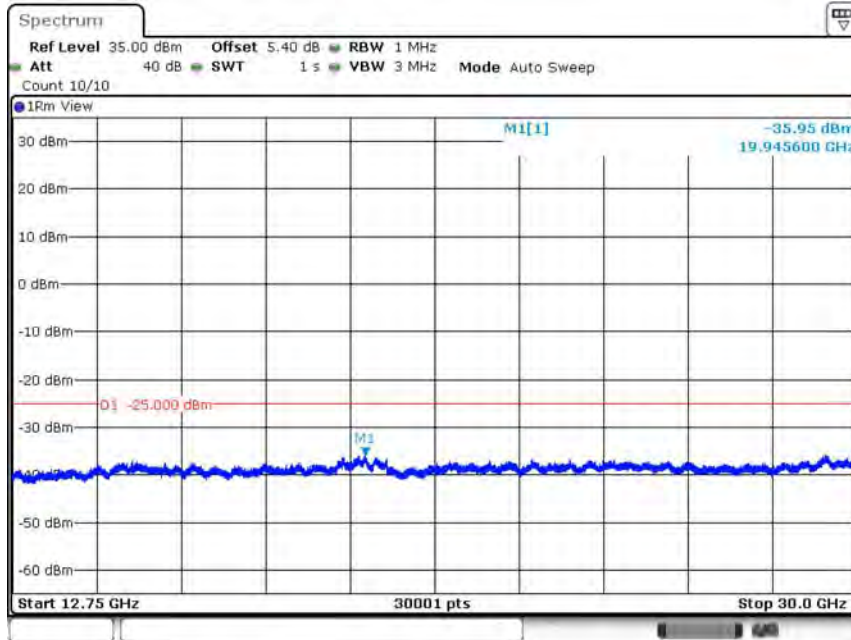
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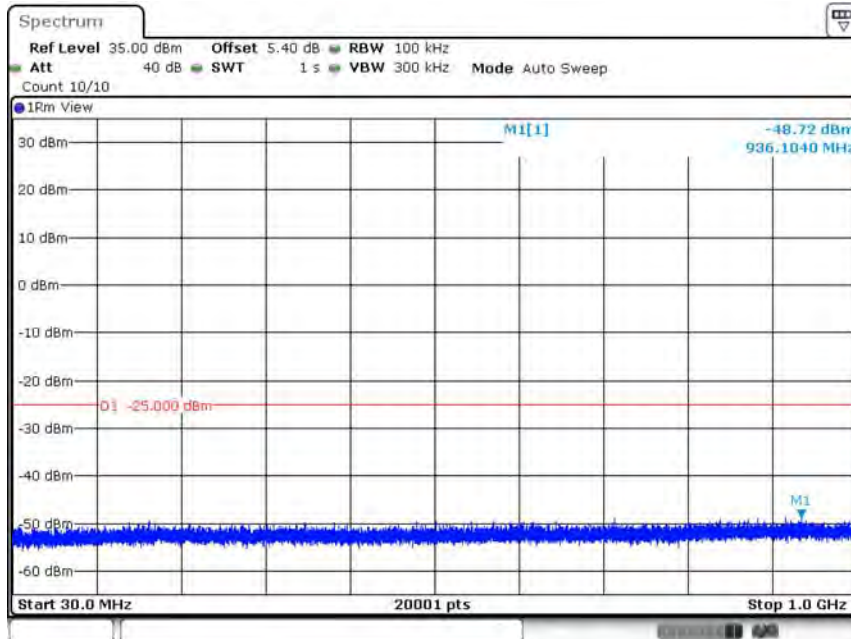


41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-12750~30000MHz



Date: 23 JUL 2021 09:28:53

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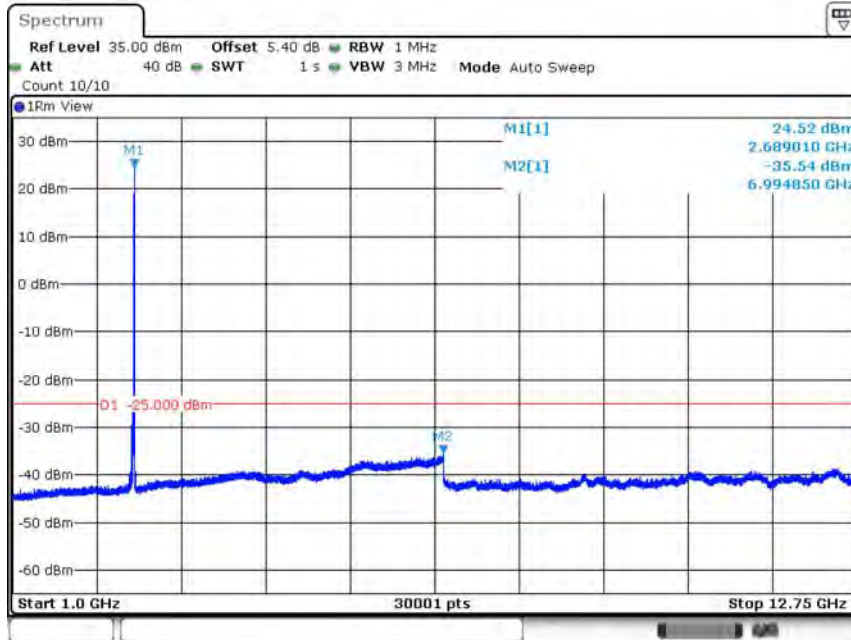


Date: 23 JUL 2021 09:33:01



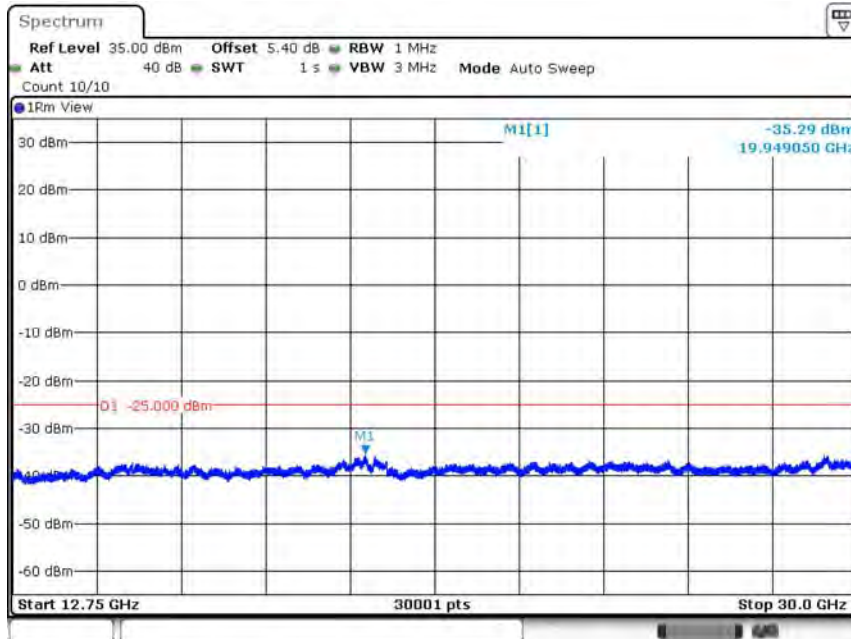


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Date: 23 JUL 2021 09:33:16

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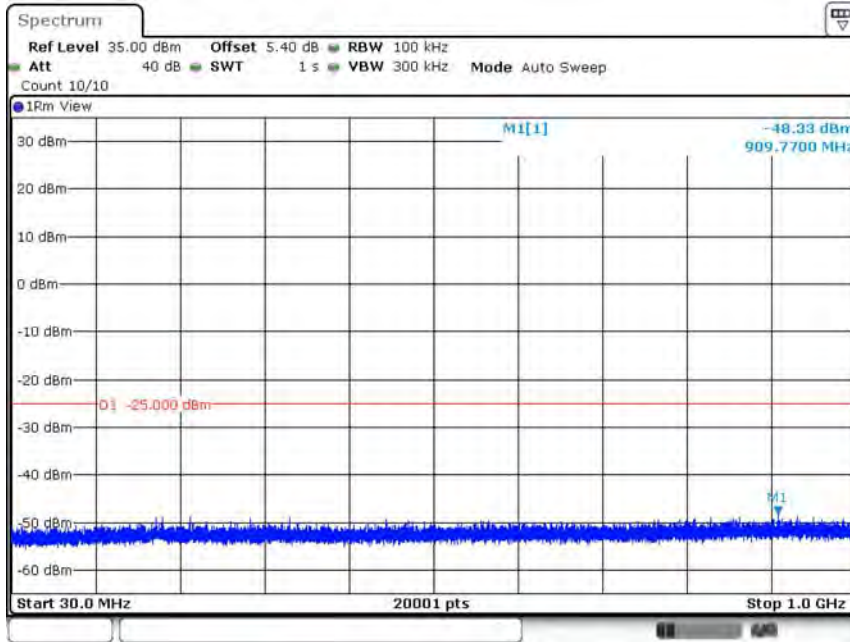


Date: 23 JUL 2021 09:33:31



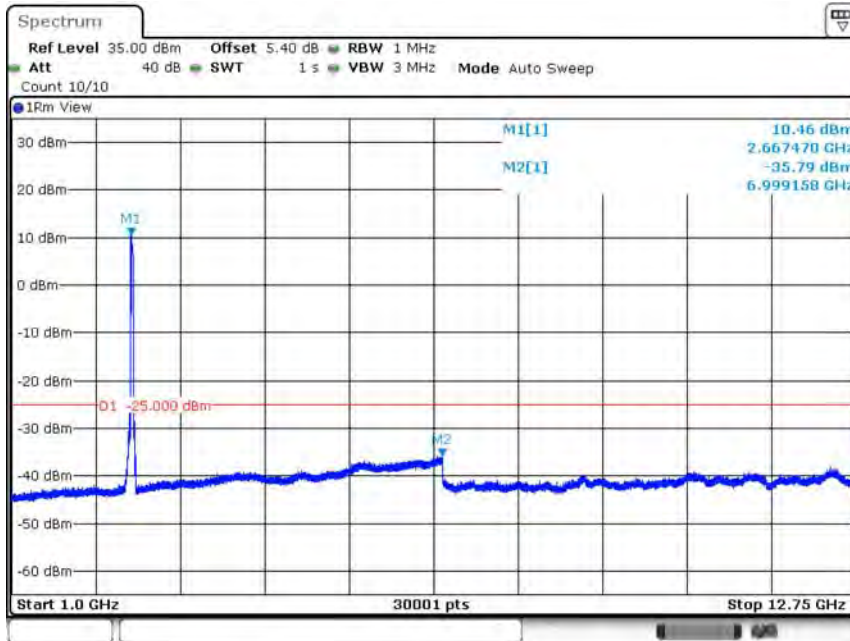


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Date: 23.JUL.2021 09:34:09

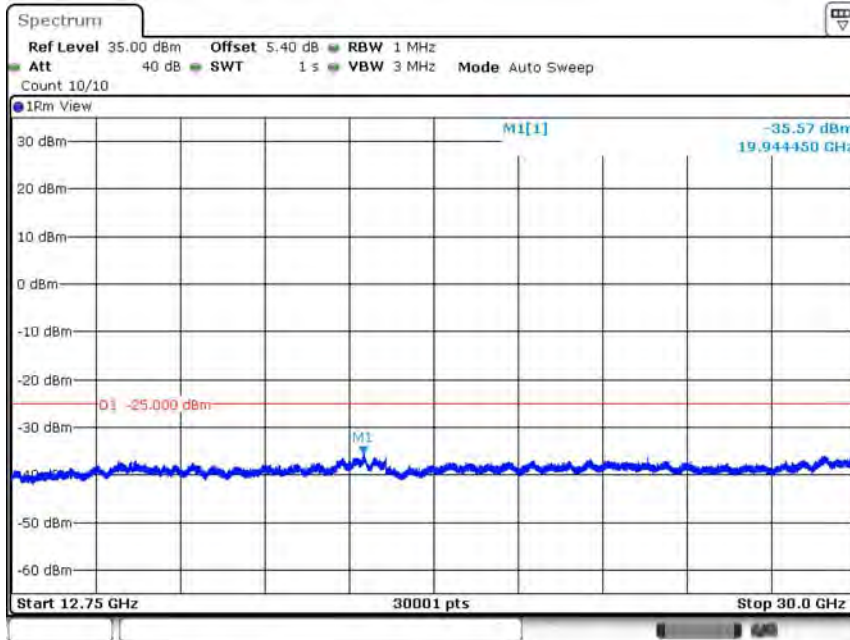
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Date: 23.JUL.2021 09:34:25

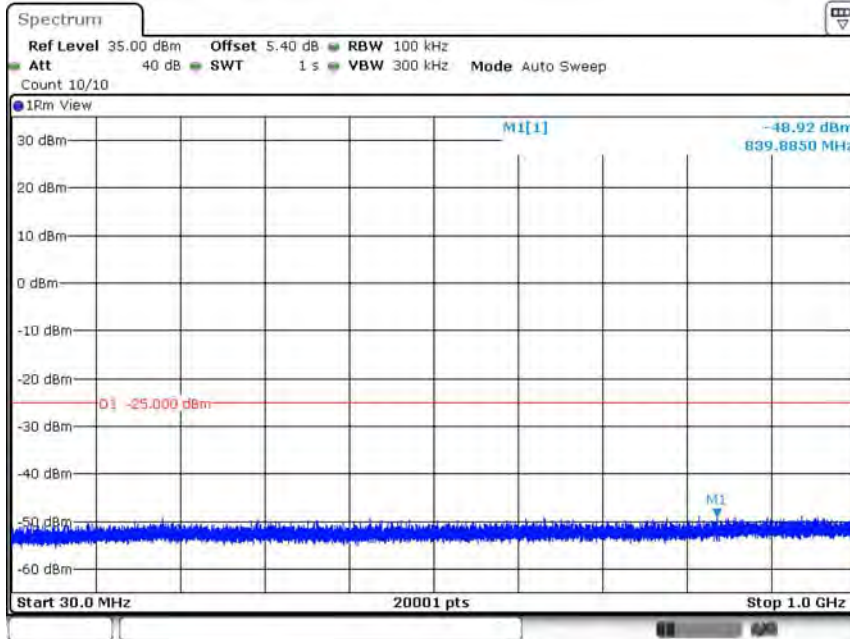


**41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-100RB#0-100RB#0-12750~30000MHz**



Date: 23.JUL.2021 09:34:40

**41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-30~1000MHz**

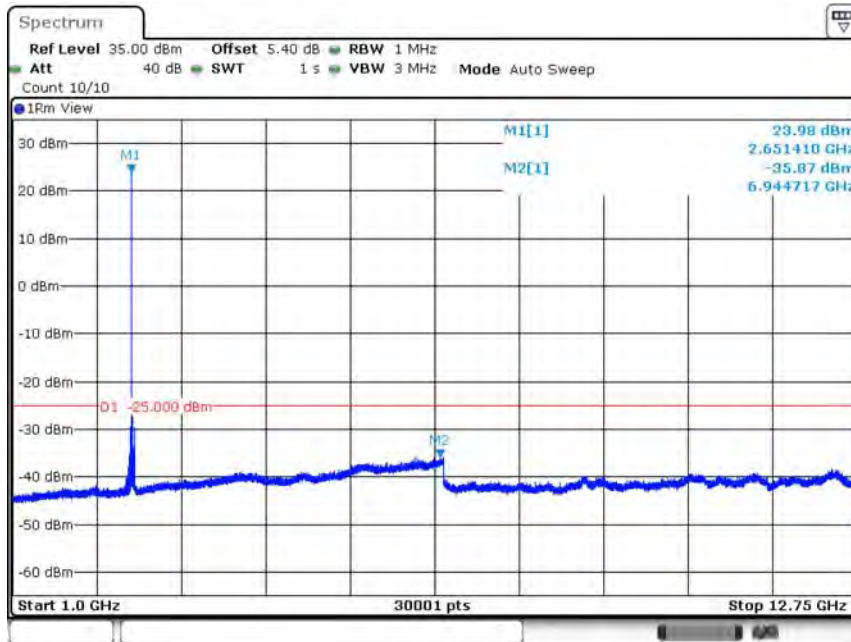


Date: 23.JUL.2021 09:31:52



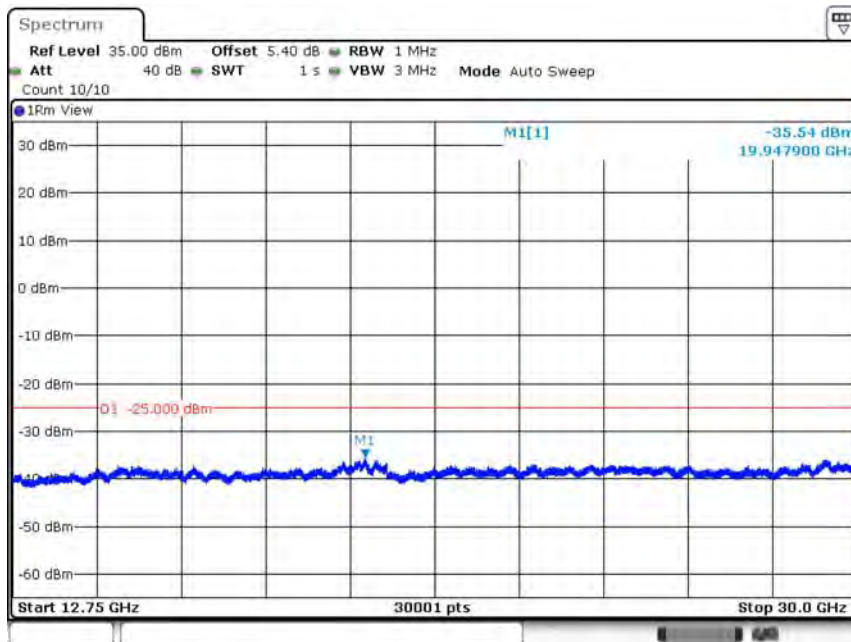


**41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-1000~12750MHz**



Date: 23 JUL 2021 09:32:08

**41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-12750~30000MHz**



Date: 23 JUL 2021 09:32:23





## Field Strength of Spurious Radiation

Test Band = 41C\_\_TM1 ANT2

Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1507.1254	21.41	-48.50	-13.00	35.50	Horizontal
2	2928.4964	21.71	-43.02	-13.00	30.02	Horizontal
3	4730.3365	51.26	-59.45	-13.00	46.45	Horizontal
4	7483.7242	49.85	-52.31	-13.00	39.31	Horizontal
5	11912.6956	47.66	-46.66	-13.00	33.66	Horizontal
6	17993.249	49.65	-44.09	-13.00	31.09	Horizontal

Test Band = 41C\_\_TM1 ANT2

Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1155.1078	22.21	-48.11	-25.00	23.11	Vertical
2	2946.7973	22.17	-42.54	-25.00	17.54	Vertical
3	5708.3854	51.09	-55.88	-25.00	30.88	Vertical
4	9015.3008	48.47	-50.51	-25.00	25.51	Vertical
5	13406.770	46.86	-45.54	-25.00	20.54	Vertical
6	16394.919	48.36	-45.49	-25.00	20.49	Vertical



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**Test Band = 41C\_\_TM1 ANT2**

**Test Channel = Mid Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1081.7041	21.64	-48.51	-25.00	23.51	Horizontal
2	2909.9955	22.47	-42.56	-25.00	17.56	Horizontal
3	4763.3382	51.88	-58.67	-25.00	33.67	Horizontal
4	7476.2238	49.51	-52.72	-25.00	27.72	Horizontal
5	11910.4455	47.75	-46.54	-25.00	21.54	Horizontal
6	14684.834	46.72	-45.85	-25.00	20.85	Horizontal

**Test Band = 41C\_\_TM1 ANT2**

**Test Channel = Mid Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1102.9051	22.25	-48.20	-25.00	23.20	Vertical
2	2982.3991	22.08	-42.65	-25.00	17.65	Vertical
3	5674.6337	50.56	-56.55	-25.00	31.55	Vertical
4	9026.5513	48.33	-50.70	-25.00	25.70	Vertical
5	14050.302	46.54	-45.41	-25.00	20.41	Vertical
6	16394.919	48.04	-45.81	-25.00	20.81	Vertical



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**Test Band = 41C\_\_TM1 ANT2  
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1494.4247	21.89	-48.45	-25.00	23.45	Horizontal
2	2929.8965	22.29	-42.42	-25.00	17.42	Horizontal
3	5679.8840	50.49	-56.55	-25.00	31.55	Horizontal
4	7461.9731	49.55	-52.79	-25.00	27.79	Horizontal
5	11918.6959	48.01	-46.41	-25.00	21.41	Horizontal
6	16400.170	48.15	-45.59	-25.00	20.59	Horizontal

**Test Band = 41C\_\_TM1 ANT2  
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1151.8076	21.91	-48.32	-25.00	23.32	Vertical
2	2929.7965	22.09	-42.62	-25.00	17.62	Vertical
3	5704.6352	50.55	-56.34	-25.00	31.34	Vertical
4	9098.5549	48.84	-50.82	-25.00	25.82	Vertical
5	12413.720	47.48	-46.58	-25.00	21.58	Vertical
6	16399.420	47.81	-45.94	-25.00	20.94	Vertical



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**Test Band = 41C\_\_TM1 ANT8**

**Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1149.7075	22.27	-47.93	-25.00	22.93	Horizontal
2	2952.3976	21.90	-42.81	-25.00	17.81	Horizontal
3	5698.6349	50.91	-55.89	-25.00	30.89	Horizontal
4	9331.0666	47.86	-51.08	-25.00	26.08	Horizontal
5	13384.269	46.60	-45.92	-25.00	20.92	Horizontal
6	16395.669	47.87	-45.96	-25.00	20.96	Horizontal

**Test Band = 41C\_\_TM1 ANT8**

**Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1146.6073	21.92	-48.46	-25.00	23.46	Vertical
2	2929.9965	22.29	-42.42	-25.00	17.42	Vertical
3	5680.6340	50.90	-56.13	-25.00	31.13	Vertical
4	8998.0499	48.94	-50.00	-25.00	25.00	Vertical
5	14062.303	46.96	-45.12	-25.00	20.12	Vertical
6	16421.9211	48.37	-45.77	-25.00	20.77	Vertical



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**Test Band = 41C\_\_TM1 ANT8**

**Test Channel = Mid Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1082.4041	21.93	-48.24	-25.00	23.24	Horizontal
2	2896.5948	22.38	-42.79	-25.00	17.79	Horizontal
3	5696.3848	50.31	-56.52	-25.00	31.52	Horizontal
4	7812.2406	49.38	-52.65	-25.00	27.65	Horizontal
5	12799.990	46.94	-46.09	-25.00	21.09	Horizontal
6	16353.667	48.03	-46.68	-25.00	21.68	Horizontal

**Test Band = 41C\_\_TM1 ANT8**

**Test Channel = Mid Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1523.6262	21.58	-48.46	-25.00	23.46	Vertical
2	2957.3979	22.30	-42.43	-25.00	17.43	Vertical
3	5658.8829	50.28	-57.02	-25.00	32.02	Vertical
4	7486.7243	49.45	-52.69	-25.00	27.69	Vertical
5	13359.518	46.63	-46.12	-25.00	21.12	Vertical
6	16403.920	48.40	-45.41	-25.00	20.41	Vertical



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**Test Band = 41C\_\_TM1 ANT8**  
**Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1118.3059	22.23	-48.78	-25.00	23.78	Horizontal
2	2935.6968	21.91	-42.82	-25.00	17.82	Horizontal
3	5652.8826	51.14	-56.24	-25.00	31.24	Horizontal
4	7479.2240	50.25	-51.95	-25.00	26.95	Horizontal
5	14018.800	46.80	-45.62	-25.00	20.62	Horizontal
6	17909.995	49.02	-43.94	-25.00	18.94	Horizontal

**Test Band = 41C\_\_TM1 ANT8**  
**Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1079.2040	21.61	-48.55	-25.00	23.55	Vertical
2	2936.6968	21.96	-42.78	-25.00	17.78	Vertical
3	5674.6337	50.83	-56.28	-25.00	31.28	Vertical
4	7483.7242	49.76	-52.40	-25.00	27.40	Vertical
5	11935.9468	47.68	-47.01	-25.00	22.01	Vertical
6	16406.920	48.59	-45.28	-25.00	20.28	Vertical



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**Test Band = 41C\_\_TM1 ANT5  
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1529.0265	21.68	-48.17	-13.00	35.17	Horizontal
2	2951.7976	21.87	-42.83	-13.00	29.83	Horizontal
3	5695.6348	50.39	-56.45	-13.00	43.45	Horizontal
4	9043.8022	48.51	-50.59	-13.00	37.59	Horizontal
5	13375.268	46.62	-45.98	-13.00	32.98	Horizontal
6	17993.249	49.65	-44.09	-13.00	31.09	Horizontal

**Test Band = 41C\_\_TM1 ANT5  
Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1155.1078	22.21	-48.11	-25.00	23.11	Vertical
2	2968.1984	22.38	-42.52	-25.00	17.52	Vertical
3	5685.1343	50.18	-56.79	-25.00	31.79	Vertical
4	9015.3008	48.47	-50.51	-25.00	25.51	Vertical
5	13406.770	46.86	-45.54	-25.00	20.54	Vertical
6	17339.967	49.63	-46.16	-25.00	21.16	Vertical



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**Test Band = 41C\_\_TM1 ANT5**

**Test Channel = Mid Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1081.7041	21.64	-48.51	-25.00	23.51	Horizontal
2	2909.9955	22.47	-42.56	-25.00	17.56	Horizontal
3	5685.1343	50.93	-56.04	-25.00	31.04	Horizontal
4	8984.5492	48.84	-50.23	-25.00	25.23	Horizontal
5	11910.4455	47.75	-46.54	-25.00	21.54	Horizontal
6	16404.670	47.86	-45.97	-25.00	20.97	Horizontal

**Test Band = 41C\_\_TM1 ANT5**

**Test Channel = Mid Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1102.9051	22.25	-48.20	-25.00	23.20	Vertical
2	2982.3991	22.08	-42.65	-25.00	17.65	Vertical
3	5541.8771	50.91	-57.00	-25.00	32.00	Vertical
4	9026.5513	48.33	-50.70	-25.00	25.70	Vertical
5	13360.268	46.46	-46.28	-25.00	21.28	Vertical
6	16394.919	48.04	-45.81	-25.00	20.81	Vertical



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**Test Band = 41C\_\_TM1 ANT5  
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1081.4041	21.31	-48.83	-25.00	23.83	Horizontal
2	2929.8965	22.29	-42.42	-25.00	17.42	Horizontal
3	5679.8840	50.49	-56.55	-25.00	31.55	Horizontal
4	9026.5513	48.74	-50.29	-25.00	25.29	Horizontal
5	11918.6959	48.01	-46.41	-25.00	21.41	Horizontal
6	16400.170	48.15	-45.59	-25.00	20.59	Horizontal

**Test Band = 41C\_\_TM1 ANT5  
Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1151.8076	21.91	-48.32	-25.00	23.32	Vertical
2	2982.9992	21.88	-42.85	-25.00	17.85	Vertical
3	5704.6352	50.55	-56.34	-25.00	31.34	Vertical
4	9051.3026	48.72	-50.42	-25.00	25.42	Vertical
5	13400.020	46.62	-45.75	-25.00	20.75	Vertical
6	16399.420	47.81	-45.94	-25.00	20.94	Vertical



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**Test Band = 41C\_\_TM1 ANT4**

**Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1071.9036	22.41	-48.28	-25.00	23.28	Horizontal
2	2923.2962	21.92	-42.90	-25.00	17.90	Horizontal
3	5692.6346	50.51	-56.37	-25.00	31.37	Horizontal
4	9048.3024	48.94	-50.18	-25.00	25.18	Horizontal
5	11931.4466	47.67	-46.95	-25.00	21.95	Horizontal
6	16422.6711	48.56	-45.59	-25.00	20.59	Horizontal

**Test Band = 41C\_\_TM1 ANT4**

**Test Channel = Low Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1077.3039	22.01	-48.29	-25.00	23.29	Vertical
2	2889.9945	21.72	-43.58	-25.00	18.58	Vertical
3	5695.6348	50.32	-56.52	-25.00	31.52	Vertical
4	8984.5492	48.51	-50.56	-25.00	25.56	Vertical
5	13358.767	47.22	-45.53	-25.00	20.53	Vertical
6	17987.999	49.96	-43.67	-25.00	18.67	Vertical



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**Test Band = 41C\_\_TM1 ANT4  
Test Channel = Mid Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1101.9051	22.01	-48.45	-25.00	23.45	Horizontal
2	2989.2995	22.17	-42.60	-25.00	17.60	Horizontal
3	7488.2244	49.89	-52.24	-25.00	27.24	Horizontal
4	10641.382	47.91	-48.94	-25.00	23.94	Horizontal
5	15017.100	45.90	-45.76	-25.00	20.76	Horizontal
6	17954.247	48.82	-44.10	-25.00	19.10	Horizontal

**Test Band = 41C\_\_TM1 ANT4  
Test Channel = Mid Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1080.8040	21.80	-48.32	-25.00	23.32	Vertical
2	2849.7925	22.64	-43.01	-25.00	18.01	Vertical
3	7497.2249	49.65	-52.40	-25.00	27.40	Vertical
4	11254.1627	48.00	-47.86	-25.00	22.86	Vertical
5	14057.802	46.54	-45.49	-25.00	20.49	Vertical
6	16412.170	48.72	-45.24	-25.00	20.24	Vertical







**Test Band = 41C\_\_TM1 ANT4**

**Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1549.5275	21.35	-48.78	-25.00	23.78	Horizontal
2	2949.9975	22.24	-42.46	-25.00	17.46	Horizontal
3	5665.6333	51.01	-56.21	-25.00	31.21	Horizontal
4	7475.4738	49.68	-52.55	-25.00	27.55	Horizontal
5	12412.220	47.30	-46.77	-25.00	21.77	Horizontal
6	16394.169	48.26	-45.60	-25.00	20.60	Horizontal

**Test Band = 41C\_\_TM1 ANT4**

**Test Channel = High Channel**

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1151.0076	21.84	-48.37	-25.00	23.37	Vertical
2	2891.0946	21.85	-43.43	-25.00	18.43	Vertical
3	5692.6346	50.59	-56.29	-25.00	31.29	Vertical
4	7478.4739	49.66	-52.55	-25.00	27.55	Vertical
5	11197.1599	47.91	-47.74	-25.00	22.74	Vertical
6	16399.420	48.26	-45.49	-25.00	20.49	Vertical

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.





## Frequency Stability

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	VN	NT	-3.50	-0.001397	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	VL	NT	2.70	0.001077	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	VH	NT	-2.30	-0.000918	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VN	NT	-12.20	-0.004723	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VL	NT	7.10	0.002749	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VH	NT	0.00	0.000000	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	VN	NT	3.50	0.001316	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	VL	NT	4.60	0.001729	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	VH	NT	6.10	0.002293	±2.5	PASS



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Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	10	-1.30	-0.000519	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	-10	-1.40	-0.000559	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	20	9.80	0.003911	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	-20	0.70	0.000279	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	30	1.10	0.000439	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	-30	9.30	0.003711	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	-50	0.50	0.000200	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	NV	0	13.30	0.005307	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-20	-5.30	-0.002052	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	0	1.20	0.000465	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	10	-1.40	-0.000542	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	20	6.90	0.002671	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	30	10.90	0.004220	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-30	2.60	0.001007	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-50	0.70	0.000271	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-10	-1.90	-0.000736	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	NV	-50	0.70	0.000263	±2.5	PASS



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41-41	20MHz-20MHz	QPSK-QPSK	41292-4 1490	100RB#0- 100RB#0	NV	0	-2.60	-0.000977	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-4 1490	100RB#0- 100RB#0	NV	10	0.90	0.000338	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-4 1490	100RB#0- 100RB#0	NV	-10	11.40	0.004285	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-4 1490	100RB#0- 100RB#0	NV	20	4.60	0.001729	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-4 1490	100RB#0- 100RB#0	NV	-20	2.60	0.000977	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-4 1490	100RB#0- 100RB#0	NV	30	2.70	0.001015	±2.5	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-4 1490	100RB#0- 100RB#0	NV	-30	10.00	0.003759	±2.5	PASS

The End



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