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# Appendix B.22

## LTE CA\_41C(2496-2690)



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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
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	1RB#0-0RB#0	23.28	27.28	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	22.46	26.46	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	1RB#0-0RB#0	23.44	27.44	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	22.48	26.48	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	1RB#0-0RB#0	23.55	27.55	33	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	22.68	26.68	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	1RB#0-0RB#0	22.32	26.32	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	21.46	25.46	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	1RB#0-0RB#0	22.47	26.47	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	21.49	25.49	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	1RB#0-0RB#0	22.61	26.61	33	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	21.69	25.69	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	1RB#0-0RB#0	20.97	24.97	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	20.42	24.42	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	1RB#0-0RB#0	21.08	25.08	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	20.45	24.45	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	1RB#0-0RB#0	21.21	25.21	33	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	20.68	24.68	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	1RB#0-0RB#0	23.31	27.31	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	22.44	26.44	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	1RB#0-0RB#0	23.53	27.53	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	22.47	26.47	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	1RB#0-0RB#0	23.69	27.69	33	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	22.80	26.8	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	1RB#0-0RB#0	22.36	26.36	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	21.46	25.46	33	PASS



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41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	1RB#0-0RB#0	22.58	26.58	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	21.49	25.49	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	1RB#0-0RB#0	22.74	26.74	33	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	21.80	25.8	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	1RB#0-0RB#0	20.95	24.95	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	20.41	24.41	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	1RB#0-0RB#0	21.16	25.16	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	20.45	24.45	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	1RB#0-0RB#0	21.33	25.33	33	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	20.77	24.77	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	1RB#0-0RB#0	23.31	27.31	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	22.43	26.43	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	1RB#0-0RB#0	23.46	27.46	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	22.49	26.49	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	1RB#0-0RB#0	23.54	27.54	33	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	22.68	26.68	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	1RB#0-0RB#0	22.35	26.35	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	21.44	25.44	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	1RB#0-0RB#0	22.51	26.51	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	21.51	25.51	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	1RB#0-0RB#0	22.59	26.59	33	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	21.64	25.64	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	1RB#0-0RB#0	20.94	24.94	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	20.43	24.43	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	1RB#0-0RB#0	21.10	25.1	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	20.50	24.5	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	1RB#0-0RB#0	21.19	25.19	33	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	20.66	24.66	33	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	1RB#0-0RB#0	23.33	27.33	33	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	22.45	26.45	33	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	1RB#0-0RB#0	23.58	27.58	33	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	22.51	26.51	33	PASS



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41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	1RB#0-0RB#0	23.75	27.75	33	PASS
41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	22.86	26.86	33	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	1RB#0-0RB#0	22.38	26.38	33	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	21.46	25.46	33	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	1RB#0-0RB#0	22.62	26.62	33	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	21.51	25.51	33	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	1RB#0-0RB#0	22.77	26.77	33	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	21.84	25.84	33	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	1RB#0-0RB#0	20.95	24.95	33	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	20.45	24.45	33	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	1RB#0-0RB#0	21.21	25.21	33	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	20.51	24.51	33	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	1RB#0-0RB#0	21.39	25.39	33	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	20.85	24.85	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	1RB#0-0RB#0	23.32	27.32	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	22.44	26.44	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	1RB#0-0RB#0	23.56	27.56	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	22.50	26.5	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	1RB#0-0RB#0	23.68	27.68	33	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	22.77	26.77	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	1RB#0-0RB#0	22.39	26.39	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	21.43	25.43	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	1RB#0-0RB#0	22.59	26.59	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	21.48	25.48	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	1RB#0-0RB#0	22.76	26.76	33	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	21.78	25.78	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	1RB#0-0RB#0	20.96	24.96	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	20.43	24.43	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	1RB#0-0RB#0	21.18	25.18	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	20.47	24.47	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	1RB#0-0RB#0	21.35	25.35	33	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	20.78	24.78	33	PASS



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41-41	20MHz-10MHz	QPSK-QPSK	39750-39894	100RB#0-50RB#0	22.45	26.45	33	PASS
41-41	20MHz-10MHz	QPSK-QPSK	39750-39894	1RB#0-0RB#0	23.33	27.33	33	PASS
41-41	20MHz-10MHz	QPSK-QPSK	40571-40715	100RB#0-50RB#0	22.54	26.54	33	PASS
41-41	20MHz-10MHz	QPSK-QPSK	40571-40715	1RB#0-0RB#0	23.59	27.59	33	PASS
41-41	20MHz-10MHz	QPSK-QPSK	41391-41535	100RB#0-50RB#0	22.79	26.79	33	PASS
41-41	20MHz-10MHz	QPSK-QPSK	41391-41535	1RB#0-0RB#0	23.70	27.7	33	PASS
41-41	20MHz-10MHz	16QAM-16QAM	39750-39894	100RB#0-50RB#0	21.43	25.43	33	PASS
41-41	20MHz-10MHz	16QAM-16QAM	39750-39894	1RB#0-0RB#0	22.42	26.42	33	PASS
41-41	20MHz-10MHz	16QAM-16QAM	40571-40715	100RB#0-50RB#0	21.54	25.54	33	PASS
41-41	20MHz-10MHz	16QAM-16QAM	40571-40715	1RB#0-0RB#0	22.67	26.67	33	PASS
41-41	20MHz-10MHz	16QAM-16QAM	41391-41535	100RB#0-50RB#0	21.77	25.77	33	PASS
41-41	20MHz-10MHz	16QAM-16QAM	41391-41535	1RB#0-0RB#0	22.78	26.78	33	PASS
41-41	20MHz-10MHz	64QAM-64QAM	39750-39894	100RB#0-50RB#0	20.40	24.4	33	PASS
41-41	20MHz-10MHz	64QAM-64QAM	39750-39894	1RB#0-0RB#0	20.99	24.99	33	PASS
41-41	20MHz-10MHz	64QAM-64QAM	40571-40715	100RB#0-50RB#0	20.51	24.51	33	PASS
41-41	20MHz-10MHz	64QAM-64QAM	40571-40715	1RB#0-0RB#0	21.23	25.23	33	PASS
41-41	20MHz-10MHz	64QAM-64QAM	41391-41535	100RB#0-50RB#0	20.77	24.77	33	PASS
41-41	20MHz-10MHz	64QAM-64QAM	41391-41535	1RB#0-0RB#0	21.34	25.34	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	22.44	26.44	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	1RB#0-0RB#0	23.34	27.34	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	22.50	26.5	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	1RB#0-0RB#0	23.57	27.57	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	22.85	26.85	33	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	1RB#0-0RB#0	23.74	27.74	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	21.44	25.44	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	1RB#0-0RB#0	22.42	26.42	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	21.52	25.52	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	1RB#0-0RB#0	22.66	26.66	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	21.83	25.83	33	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	1RB#0-0RB#0	22.82	26.82	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	20.42	24.42	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	1RB#0-0RB#0	20.98	24.98	33	PASS



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41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	20.49	24.49	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	1RB#0-0RB#0	21.23	25.23	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	20.82	24.82	33	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	1RB#0-0RB#0	21.40	25.4	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	22.43	26.43	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	1RB#0-0RB#0	23.34	27.34	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	22.50	26.5	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	1RB#0-0RB#0	23.55	27.55	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	22.77	26.77	33	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	1RB#0-0RB#0	23.70	27.7	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	21.43	25.43	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	1RB#0-0RB#0	22.40	26.4	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	21.50	25.5	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	1RB#0-0RB#0	22.62	26.62	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	21.78	25.78	33	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	1RB#0-0RB#0	22.77	26.77	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	20.40	24.4	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	1RB#0-0RB#0	20.99	24.99	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	20.50	24.5	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	1RB#0-0RB#0	21.20	25.2	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	20.75	24.75	33	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	1RB#0-0RB#0	21.36	25.36	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	22.43	26.43	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	1RB#0-0RB#0	23.34	27.34	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	22.57	26.57	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	1RB#0-0RB#0	23.46	27.46	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	22.70	26.7	33	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	1RB#0-0RB#0	23.64	27.64	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	21.42	25.42	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	1RB#0-0RB#0	22.40	26.4	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	21.56	25.56	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	1RB#0-0RB#0	22.55	26.55	33	PASS



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41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	21.67	25.67	33	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	1RB#0-0RB#0	22.71	26.71	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	20.40	24.4	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	1RB#0-0RB#0	20.97	24.97	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	20.56	24.56	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	1RB#0-0RB#0	21.15	25.15	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	20.68	24.68	33	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	1RB#0-0RB#0	21.28	25.28	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	1RB#0-0RB#0	23.25	27.25	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	22.34	26.34	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	1RB#0-0RB#0	23.38	27.38	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	22.41	26.41	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	1RB#0-0RB#0	23.60	27.6	33	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	22.70	26.7	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	1RB#0-0RB#0	22.29	26.29	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	21.33	25.33	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	1RB#0-0RB#0	22.43	26.43	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	21.40	25.4	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	1RB#0-0RB#0	22.63	26.63	33	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	21.68	25.68	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	1RB#0-0RB#0	20.87	24.87	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	20.37	24.37	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	1RB#0-0RB#0	21.06	25.06	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	20.49	24.49	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	1RB#0-0RB#0	21.28	25.28	33	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	20.72	24.72	33	PASS



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## Peak-to-Average Ratio(CCDF)

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	8.32	13	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	8.38	13	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	8.24	13	PASS
41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	9.38	13	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	9.42	13	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	9.16	13	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	9.64	13	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	9.76	13	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	9.50	13	PASS



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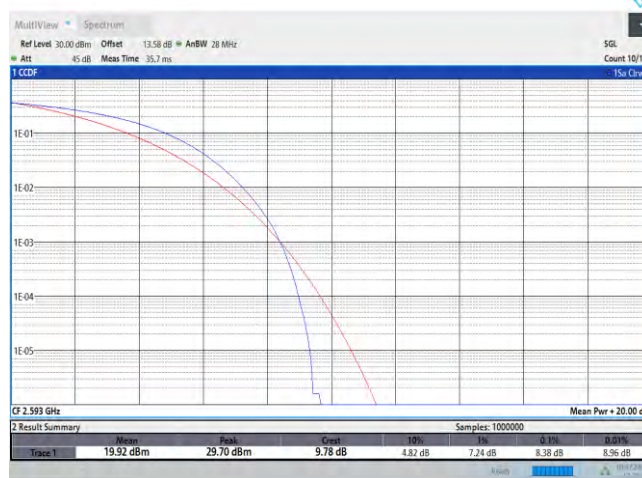
Test Graphs

41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-100RB#0-100RB#0



17:27:30 03.07.2023

41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-100RB#0-100RB#0



17:29:20 03.07.2023



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41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-100RB#0-100RB#0



17:31:00 03.07.2023

41-41-20MHz-20MHz-16QAM-16QAM-39750-39948-100RB#0-100RB#0



17:28:02 03.07.2023



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41-41-20MHz-20MHz-16QAM-16QAM-40521-40719-100RB#0-100RB#0



17:29:52 03.07.2023



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41-41-20MHz-20MHz-16QAM-16QAM-41292-41490-100RB#0-100RB#0



17:31:32 03.07.2023

41-41-20MHz-20MHz-64QAM-64QAM-39750-39948-100RB#0-100RB#0



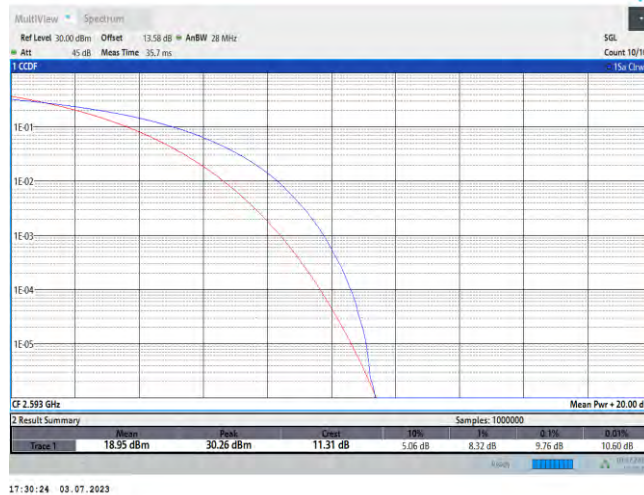
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41-41-20MHz-20MHz-64QAM-64QAM-40521-40719-100RB#0-100RB#0



17:30:24 03.07.2023

41-41-20MHz-20MHz-64QAM-64QAM-41292-41490-100RB#0-100RB#0



17:32:04 03.07.2023



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## Modulation Characteristics

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	PASS	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	PASS	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	PASS	PASS

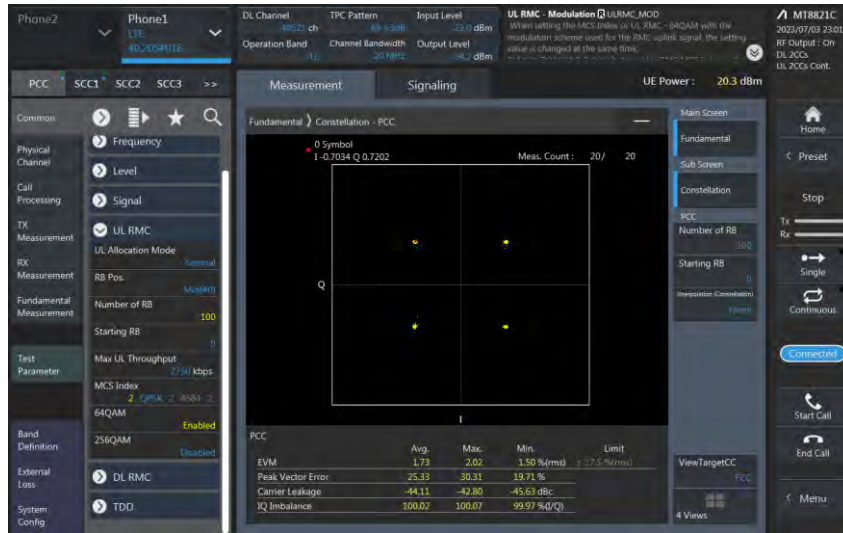


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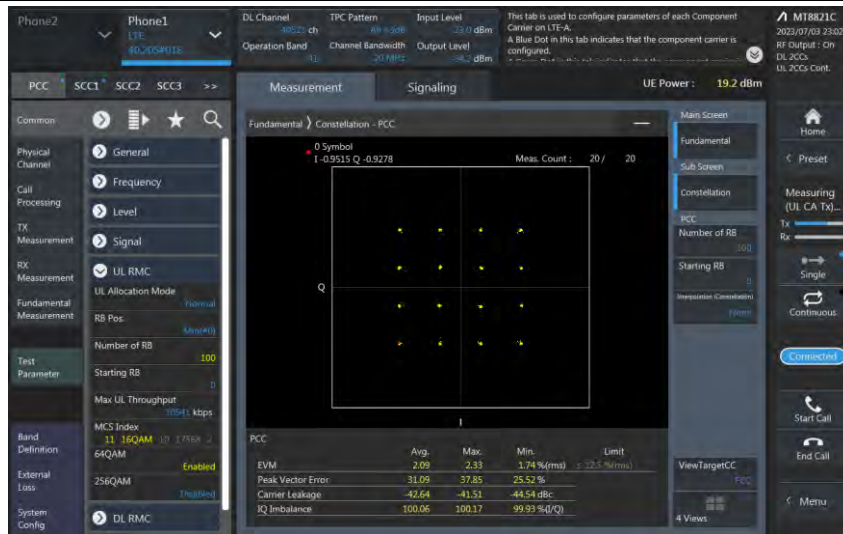
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Test Graphs

41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-100RB#0-100RB#0



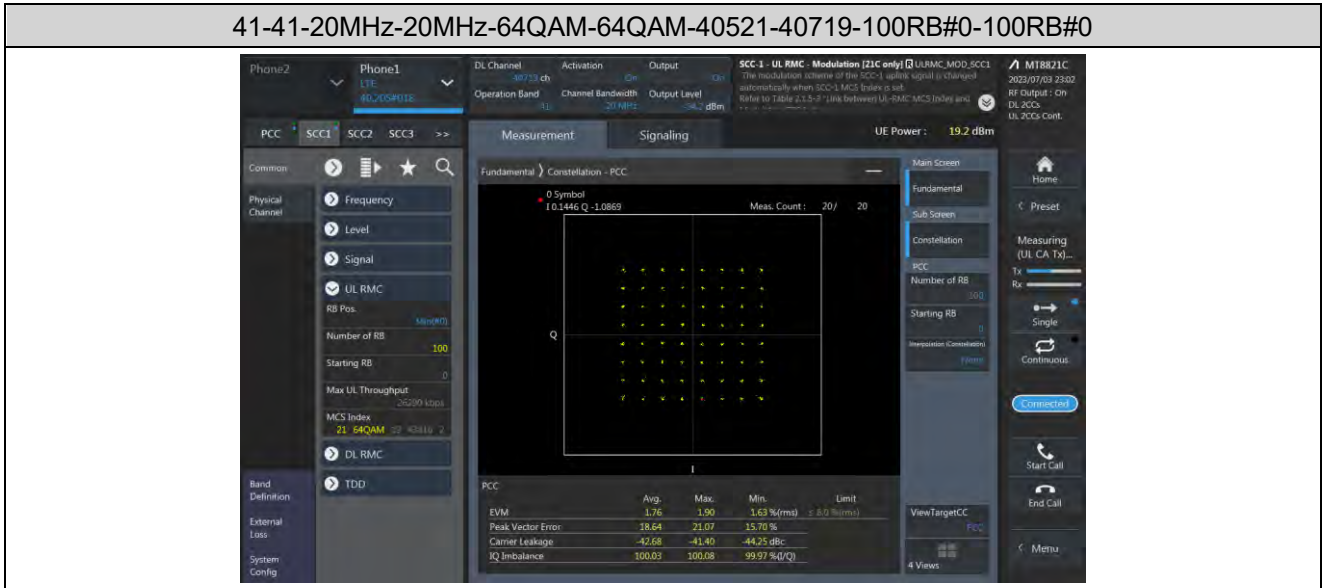
41-41-20MHz-20MHz-16QAM-16QAM-40521-40719-100RB#0-100RB#0



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41-41-20MHz-20MHz-64QAM-64QAM-40521-40719-100RB#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
41-41	10MHz-15MHz	QPSK-QPSK	39703-39823	50RB#0-75RB#0	23.22	24.60	PASS
41-41	10MHz-15MHz	QPSK-QPSK	40549-40669	50RB#0-75RB#0	23.235	24.70	PASS
41-41	10MHz-15MHz	QPSK-QPSK	41395-41515	50RB#0-75RB#0	23.233	24.65	PASS
41-41	10MHz-15MHz	16QAM-16QAM	39703-39823	50RB#0-75RB#0	23.116	24.65	PASS
41-41	10MHz-15MHz	16QAM-16QAM	40549-40669	50RB#0-75RB#0	23.125	24.65	PASS
41-41	10MHz-15MHz	16QAM-16QAM	41395-41515	50RB#0-75RB#0	23.144	24.65	PASS
41-41	10MHz-15MHz	64QAM-64QAM	39703-39823	50RB#0-75RB#0	23.076	24.70	PASS
41-41	10MHz-15MHz	64QAM-64QAM	40549-40669	50RB#0-75RB#0	23.09	24.70	PASS
41-41	10MHz-15MHz	64QAM-64QAM	41395-41515	50RB#0-75RB#0	23.092	24.65	PASS
41-41	10MHz-20MHz	QPSK-QPSK	39705-39849	50RB#0-100RB#0	27.779	29.40	PASS
41-41	10MHz-20MHz	QPSK-QPSK	40526-40670	50RB#0-100RB#0	27.818	29.40	PASS
41-41	10MHz-20MHz	QPSK-QPSK	41346-41490	50RB#0-100RB#0	27.819	29.40	PASS
41-41	10MHz-20MHz	16QAM-16QAM	39705-39849	50RB#0-100RB#0	27.725	29.34	PASS
41-41	10MHz-20MHz	16QAM-16QAM	40526-40670	50RB#0-100RB#0	27.728	29.46	PASS
41-41	10MHz-20MHz	16QAM-16QAM	41346-41490	50RB#0-100RB#0	27.73	29.40	PASS
41-41	10MHz-20MHz	64QAM-64QAM	39705-39849	50RB#0-100RB#0	27.638	29.40	PASS
41-41	10MHz-20MHz	64QAM-64QAM	40526-40670	50RB#0-100RB#0	27.662	29.40	PASS
41-41	10MHz-20MHz	64QAM-64QAM	41346-41490	50RB#0-100RB#0	27.68	29.34	PASS
41-41	15MHz-10MHz	QPSK-QPSK	39725-39845	75RB#0-50RB#0	23.186	24.75	PASS
41-41	15MHz-10MHz	QPSK-QPSK	40571-40691	75RB#0-50RB#0	23.192	24.75	PASS
41-41	15MHz-10MHz	QPSK-QPSK	41417-41537	75RB#0-50RB#0	23.192	24.70	PASS
41-41	15MHz-10MHz	16QAM-16QAM	39725-39845	75RB#0-50RB#0	23.15	24.70	PASS
41-41	15MHz-10MHz	16QAM-16QAM	40571-40691	75RB#0-50RB#0	23.131	24.70	PASS
41-41	15MHz-10MHz	16QAM-16QAM	41417-41537	75RB#0-50RB#0	23.162	24.75	PASS
41-41	15MHz-10MHz	64QAM-64QAM	39725-39845	75RB#0-50RB#0	23.095	24.80	PASS
41-41	15MHz-10MHz	64QAM-64QAM	40571-40691	75RB#0-50RB#0	23.089	24.75	PASS
41-41	15MHz-10MHz	64QAM-64QAM	41417-41537	75RB#0-50RB#0	23.105	24.80	PASS
41-41	15MHz-15MHz	QPSK-QPSK	39725-39875	75RB#0-75RB#0	28.383	29.94	PASS
41-41	15MHz-15MHz	QPSK-QPSK	40545-40695	75RB#0-75RB#0	28.358	30.00	PASS



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41-41	15MHz-15MHz	QPSK-QPSK	41365-41515	75RB#0-75RB#0	28.4	30.00	PASS
41-41	15MHz-15MHz	16QAM-16QAM	39725-39875	75RB#0-75RB#0	28.315	30.06	PASS
41-41	15MHz-15MHz	16QAM-16QAM	40545-40695	75RB#0-75RB#0	28.35	30.18	PASS
41-41	15MHz-15MHz	16QAM-16QAM	41365-41515	75RB#0-75RB#0	28.361	30.12	PASS
41-41	15MHz-15MHz	64QAM-64QAM	39725-39875	75RB#0-75RB#0	28.248	30.12	PASS
41-41	15MHz-15MHz	64QAM-64QAM	40545-40695	75RB#0-75RB#0	28.254	30.06	PASS
41-41	15MHz-15MHz	64QAM-64QAM	41365-41515	75RB#0-75RB#0	28.283	30.06	PASS
41-41	15MHz-20MHz	QPSK-QPSK	39728-39899	75RB#0-100RB#0	32.611	34.51	PASS
41-41	15MHz-20MHz	QPSK-QPSK	40523-40694	75RB#0-100RB#0	32.633	34.51	PASS
41-41	15MHz-20MHz	QPSK-QPSK	41319-41490	75RB#0-100RB#0	32.659	34.51	PASS
41-41	15MHz-20MHz	16QAM-16QAM	39728-39899	75RB#0-100RB#0	32.584	34.37	PASS
41-41	15MHz-20MHz	16QAM-16QAM	40523-40694	75RB#0-100RB#0	32.62	34.44	PASS
41-41	15MHz-20MHz	16QAM-16QAM	41319-41490	75RB#0-100RB#0	32.641	34.44	PASS
41-41	15MHz-20MHz	64QAM-64QAM	39728-39899	75RB#0-100RB#0	32.503	34.51	PASS
41-41	15MHz-20MHz	64QAM-64QAM	40523-40694	75RB#0-100RB#0	32.538	34.58	PASS
41-41	15MHz-20MHz	64QAM-64QAM	41319-41490	75RB#0-100RB#0	32.545	34.51	PASS
41-41	20MHz-10MHz	QPSK-QPSK	39750-39894	100RB#0-50RB#0	27.771	29.46	PASS
41-41	20MHz-10MHz	QPSK-QPSK	40571-40715	100RB#0-50RB#0	27.798	29.40	PASS
41-41	20MHz-10MHz	QPSK-QPSK	41391-41535	100RB#0-50RB#0	27.81	29.40	PASS
41-41	20MHz-10MHz	16QAM-16QAM	39750-39894	100RB#0-50RB#0	27.748	29.40	PASS
41-41	20MHz-10MHz	16QAM-16QAM	40571-40715	100RB#0-50RB#0	27.765	29.40	PASS
41-41	20MHz-10MHz	16QAM-16QAM	41391-41535	100RB#0-50RB#0	27.77	29.40	PASS
41-41	20MHz-10MHz	64QAM-64QAM	39750-39894	100RB#0-50RB#0	27.676	29.52	PASS
41-41	20MHz-10MHz	64QAM-64QAM	40571-40715	100RB#0-50RB#0	27.687	29.52	PASS
41-41	20MHz-10MHz	64QAM-64QAM	41391-41535	100RB#0-50RB#0	27.693	29.58	PASS
41-41	20MHz-15MHz	QPSK-QPSK	39750-39921	100RB#0-75RB#0	32.638	34.44	PASS
41-41	20MHz-15MHz	QPSK-QPSK	40546-40717	100RB#0-75RB#0	32.691	34.51	PASS
41-41	20MHz-15MHz	QPSK-QPSK	41341-41512	100RB#0-75RB#0	32.675	34.44	PASS
41-41	20MHz-15MHz	16QAM-16QAM	39750-39921	100RB#0-75RB#0	32.6	34.44	PASS
41-41	20MHz-15MHz	16QAM-16QAM	40546-40717	100RB#0-75RB#0	32.628	34.51	PASS
41-41	20MHz-15MHz	16QAM-16QAM	41341-41512	100RB#0-75RB#0	32.64	34.58	PASS
41-41	20MHz-15MHz	64QAM-64QAM	39750-39921	100RB#0-75RB#0	32.488	34.51	PASS
41-41	20MHz-15MHz	64QAM-64QAM	40546-40717	100RB#0-75RB#0	32.516	34.51	PASS
41-41	20MHz-15MHz	64QAM-64QAM	41341-41512	100RB#0-75RB#0	32.536	34.51	PASS
41-41	20MHz-20MHz	QPSK-QPSK	39750-39948	100RB#0-100RB#0	37.765	40.40	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	37.804	40.48	PASS
41-41	20MHz-20MHz	QPSK-QPSK	41292-41490	100RB#0-100RB#0	37.84	40.40	PASS



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41-41	20MHz-20MHz	16QAM-16QAM	39750-39948	100RB#0-100RB#0	37.698	40.32	PASS
41-41	20MHz-20MHz	16QAM-16QAM	40521-40719	100RB#0-100RB#0	37.758	40.24	PASS
41-41	20MHz-20MHz	16QAM-16QAM	41292-41490	100RB#0-100RB#0	37.771	40.24	PASS
41-41	20MHz-20MHz	64QAM-64QAM	39750-39948	100RB#0-100RB#0	37.602	40.32	PASS
41-41	20MHz-20MHz	64QAM-64QAM	40521-40719	100RB#0-100RB#0	37.638	40.48	PASS
41-41	20MHz-20MHz	64QAM-64QAM	41292-41490	100RB#0-100RB#0	37.701	40.48	PASS
41-41	20MHz-5MHz	QPSK-QPSK	39750-39867	100RB#0-25RB#0	22.946	24.40	PASS
41-41	20MHz-5MHz	QPSK-QPSK	40595-40712	100RB#0-25RB#0	22.947	24.40	PASS
41-41	20MHz-5MHz	QPSK-QPSK	41440-41557	100RB#0-25RB#0	22.949	24.30	PASS
41-41	20MHz-5MHz	16QAM-16QAM	39750-39867	100RB#0-25RB#0	22.941	24.45	PASS
41-41	20MHz-5MHz	16QAM-16QAM	40595-40712	100RB#0-25RB#0	22.942	24.45	PASS
41-41	20MHz-5MHz	16QAM-16QAM	41440-41557	100RB#0-25RB#0	22.949	24.45	PASS
41-41	20MHz-5MHz	64QAM-64QAM	39750-39867	100RB#0-25RB#0	22.863	24.40	PASS
41-41	20MHz-5MHz	64QAM-64QAM	40595-40712	100RB#0-25RB#0	22.862	24.40	PASS
41-41	20MHz-5MHz	64QAM-64QAM	41440-41557	100RB#0-25RB#0	22.88	24.50	PASS
41-41	5MHz-20MHz	QPSK-QPSK	39683-39800	25RB#0-100RB#0	22.938	24.30	PASS
41-41	5MHz-20MHz	QPSK-QPSK	40528-40645	25RB#0-100RB#0	22.949	24.30	PASS
41-41	5MHz-20MHz	QPSK-QPSK	41373-41490	25RB#0-100RB#0	22.964	24.35	PASS
41-41	5MHz-20MHz	16QAM-16QAM	39683-39800	25RB#0-100RB#0	22.873	24.20	PASS
41-41	5MHz-20MHz	16QAM-16QAM	40528-40645	25RB#0-100RB#0	22.897	24.20	PASS
41-41	5MHz-20MHz	16QAM-16QAM	41373-41490	25RB#0-100RB#0	22.907	24.20	PASS
41-41	5MHz-20MHz	64QAM-64QAM	39683-39800	25RB#0-100RB#0	22.838	24.30	PASS
41-41	5MHz-20MHz	64QAM-64QAM	40528-40645	25RB#0-100RB#0	22.866	24.35	PASS
41-41	5MHz-20MHz	64QAM-64QAM	41373-41490	25RB#0-100RB#0	22.882	24.35	PASS



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Test Graphs

41-41-10MHz-15MHz-QPSK-QPSK-39703-39823-50RB#0-75RB#0



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41-41-10MHz-15MHz-QPSK-QPSK-40549-40669-50RB#0-75RB#0



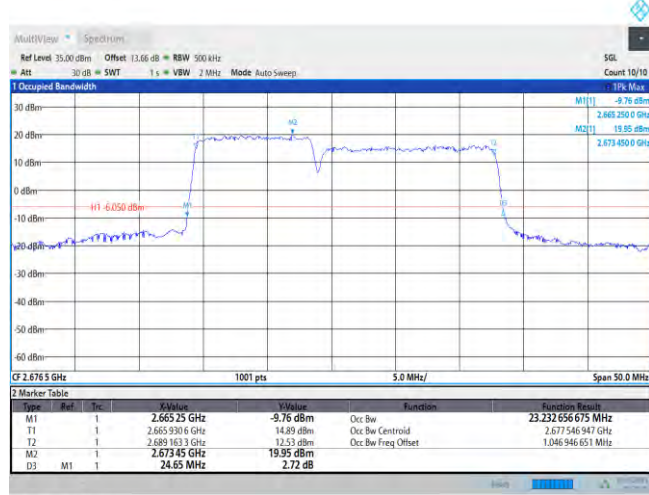
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### 41-41-10MHz-15MHz-QPSK-QPSK-41395-41515-50RB#0-75RB#0



16:34:17 03.07.2023

### 41-41-10MHz-15MHz-16QAM-16QAM-39703-39823-50RB#0-75RB#0



16:30:51 03.07.2023



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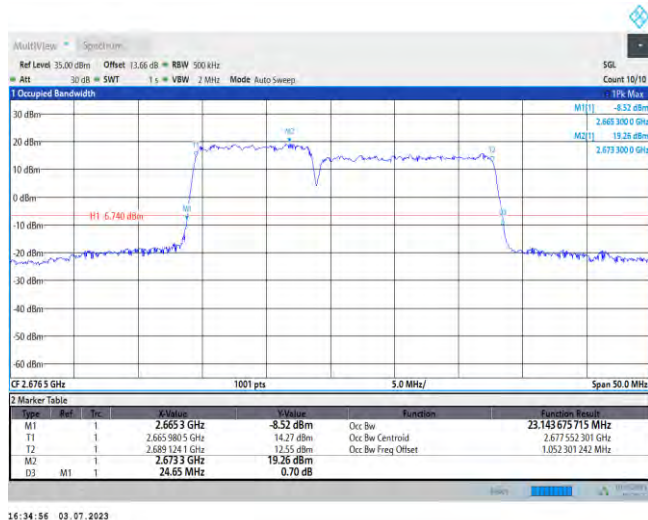
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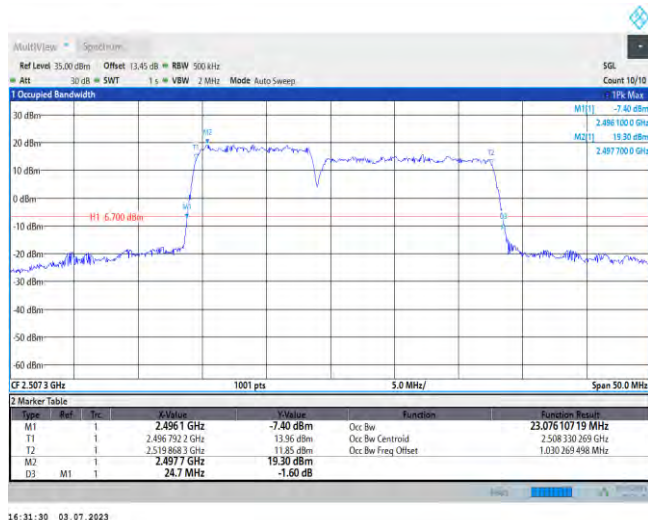
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### 41-41-10MHz-15MHz-16QAM-16QAM-41395-41515-50RB#0-75RB#0



### 41-41-10MHz-15MHz-64QAM-64QAM-39703-39823-50RB#0-75RB#0



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41-41-10MHz-15MHz-64QAM-64QAM-40549-40669-50RB#0-75RB#0



16:33:33 03.07.2023

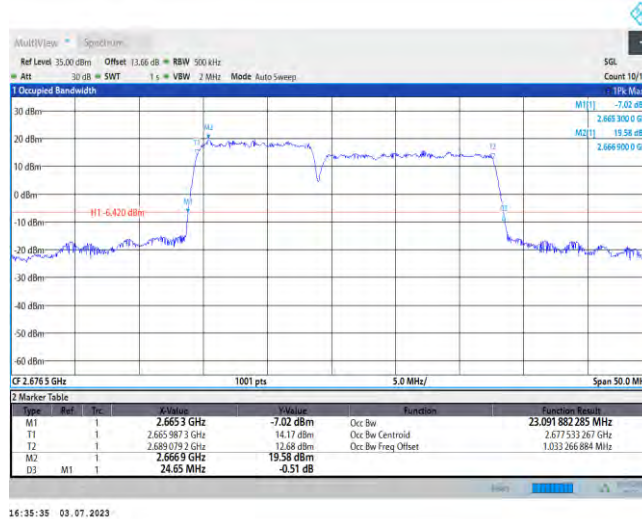


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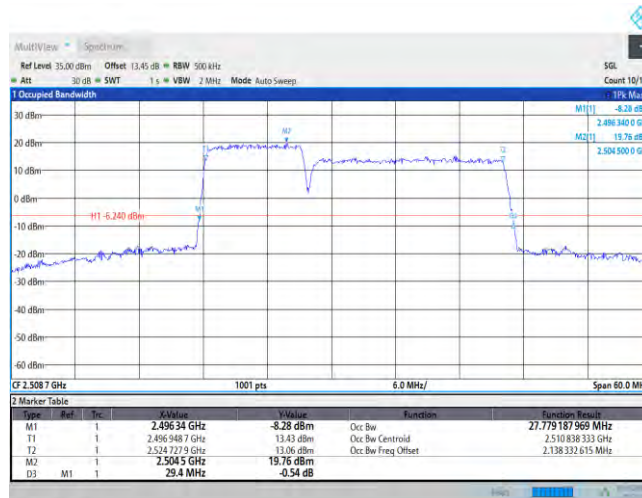


### 41-41-10MHz-15MHz-64QAM-64QAM-41395-41515-50RB#0-75RB#0



16:35:35 03.07.2023

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



16:36:38 03.07.2023



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



16:38:40 03.07.2023



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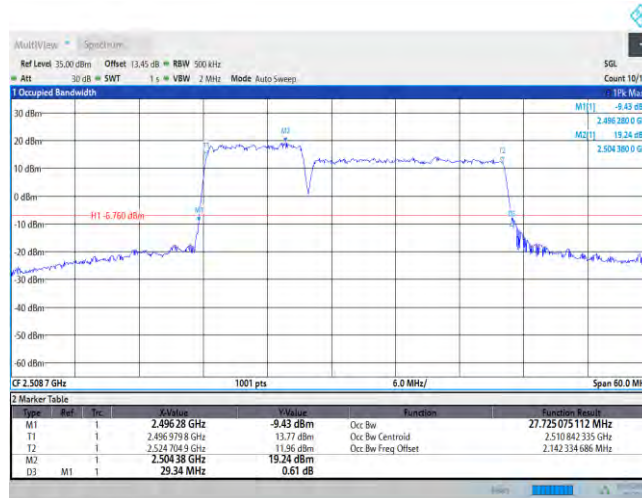
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### 41-41-10MHz-20MHz-QPSK-QPSK-41346-41490-50RB#0-100RB#0



16:40:43 03.07.2023

### 41-41-10MHz-20MHz-16QAM-16QAM-39705-39849-50RB#0-100RB#0



16:37:17 03.07.2023



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41-41-10MHz-20MHz-16QAM-16QAM-40526-40670-50RB#0-100RB#0



16:39:19 03.07.2023



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### 41-41-10MHz-20MHz-16QAM-16QAM-41346-41490-50RB#0-100RB#0



16:41:22 03.07.2023

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



16:37:56 03.07.2023



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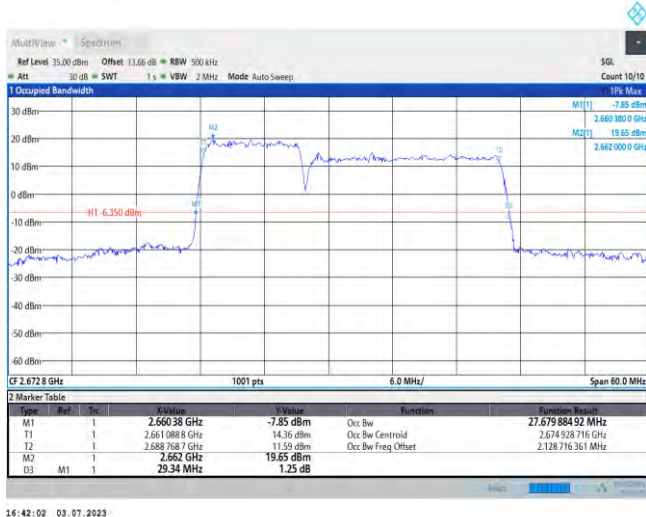
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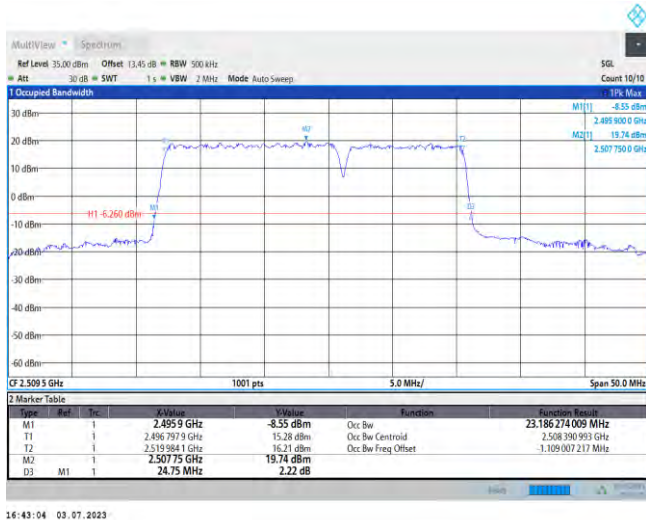
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### 41-41-10MHz-20MHz-64QAM-64QAM-41346-41490-50RB#0-100RB#0



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



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 中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 | 邮编: 710086 | t (86-29) 6282 7885 | sgs.china@sgs.com

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



16:45:07 03.07.2023



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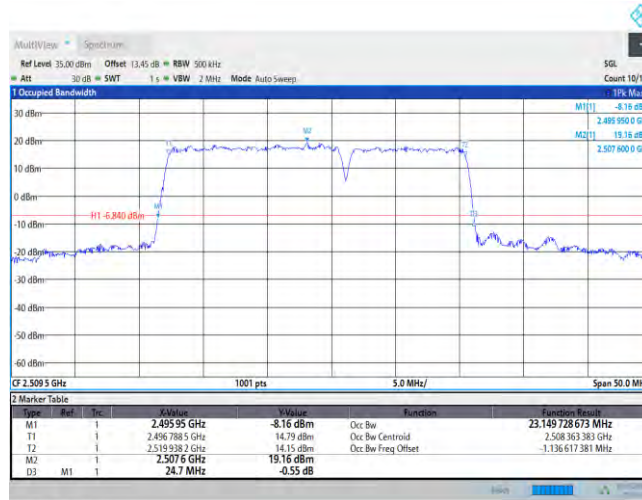


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16:47:09 03.07.2023

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



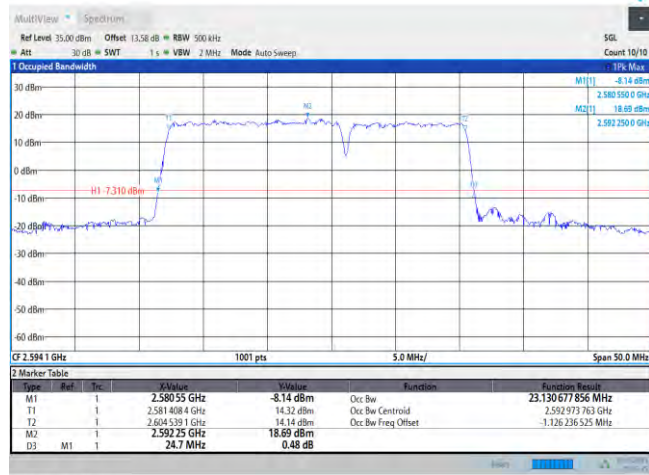
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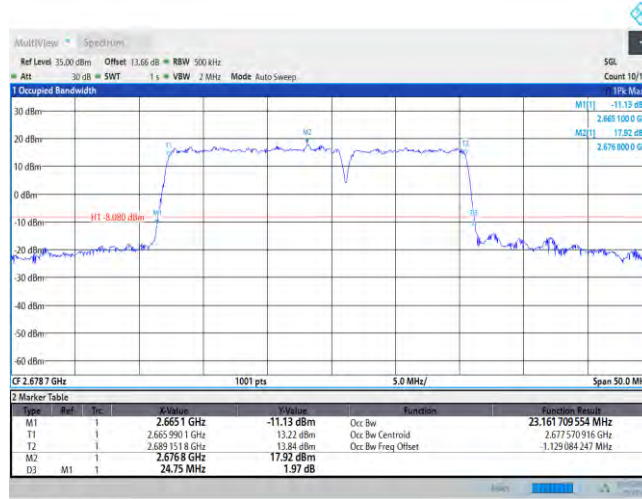
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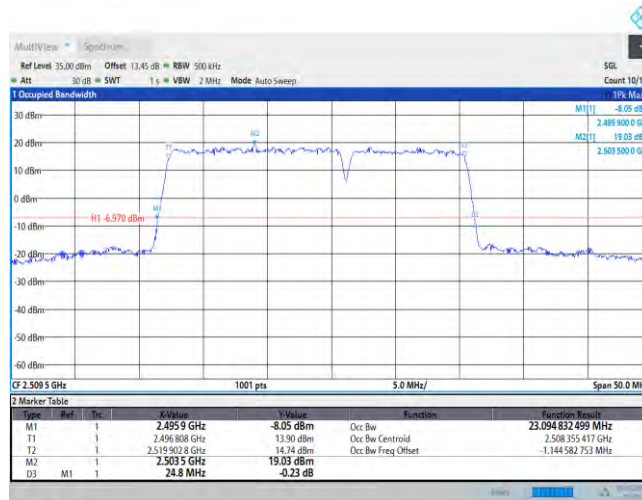
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### 41-41-15MHz-10MHz-16QAM-16QAM-41417-41537-75RB#0-50RB#0



16:47:48 03.07.2023

### 41-41-15MHz-10MHz-64QAM-64QAM-39725-39845-75RB#0-50RB#0



16:44:22 03.07.2023



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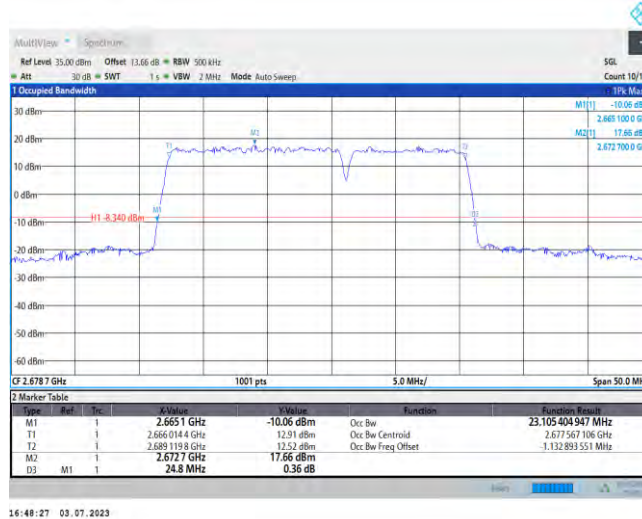
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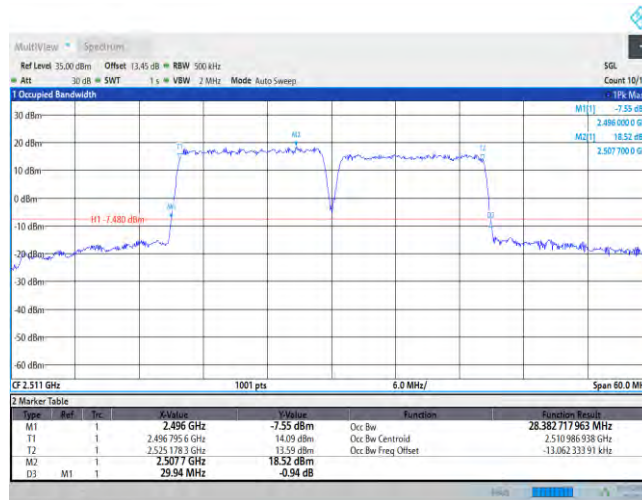
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### 41-41-15MHz-10MHz-64QAM-64QAM-41417-41537-75RB#0-50RB#0



16:48:27 03.07.2023

### 41-41-15MHz-15MHz-QPSK-QPSK-39725-39875-75RB#0-75RB#0



16:49:28 03.07.2023



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41-41-15MHz-15MHz-QPSK-QPSK-40545-40695-75RB#0-75RB#0



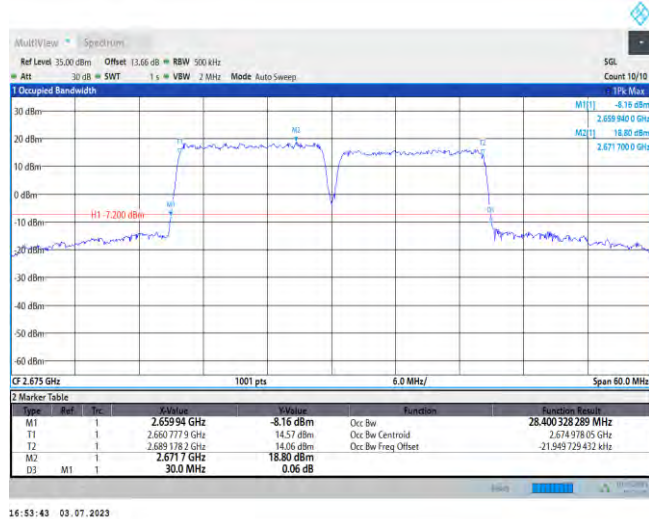
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41-41-15MHz-15MHz-16QAM-16QAM-39725-39875-75RB#0-75RB#0



16:50:07 03.07.2023



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16:52:10 03.07.2023



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### 41-41-15MHz-15MHz-16QAM-16QAM-41365-41515-75RB#0-75RB#0



16:54:22 03.07.2023

### 41-41-15MHz-15MHz-64QAM-64QAM-39725-39875-75RB#0-75RB#0



16:50:46 03.07.2023



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41-41-15MHz-15MHz-64QAM-64QAM-40545-40695-75RB#0-75RB#0



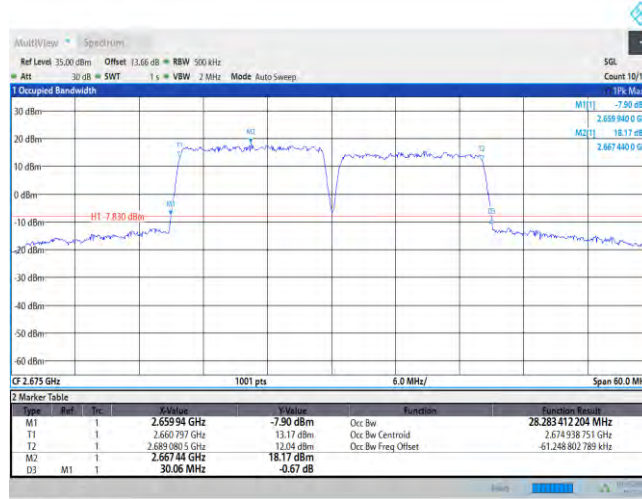
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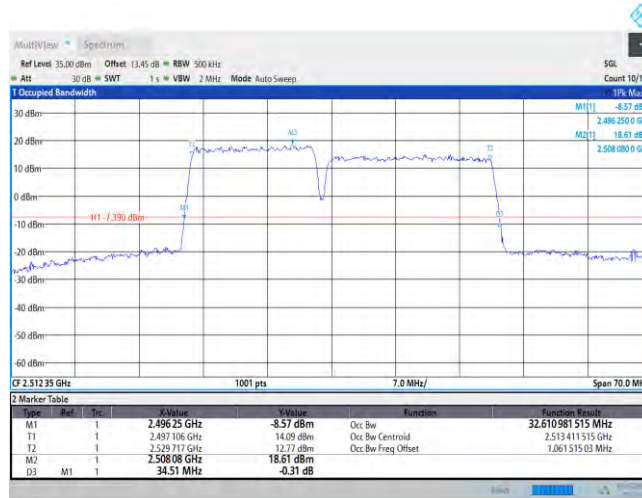
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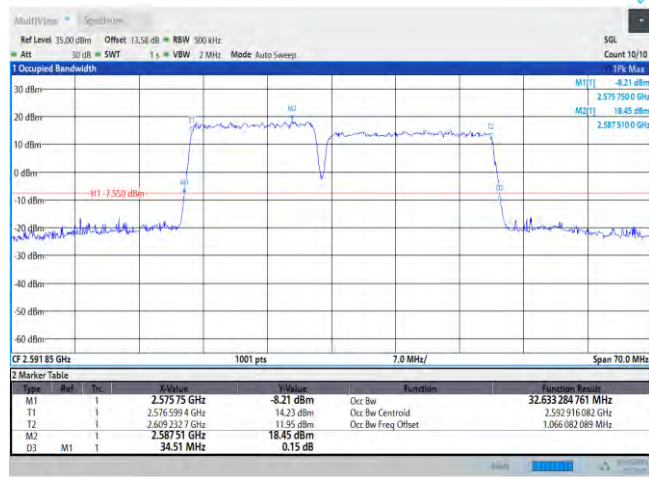
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41-41-15MHz-20MHz-QPSK-QPSK-40523-40694-75RB#0-100RB#0



16:58:07 03.07.2023



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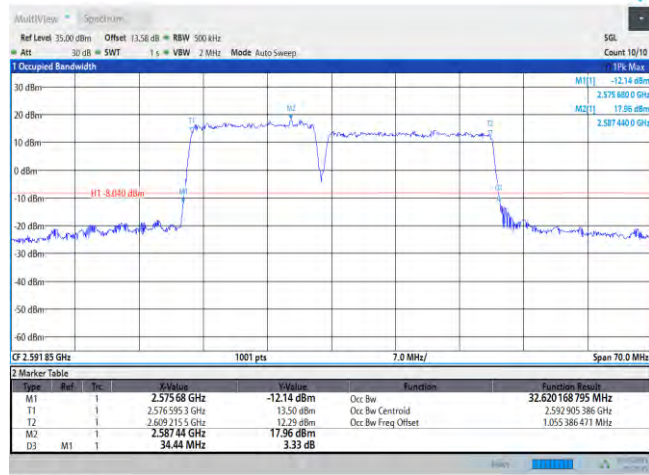
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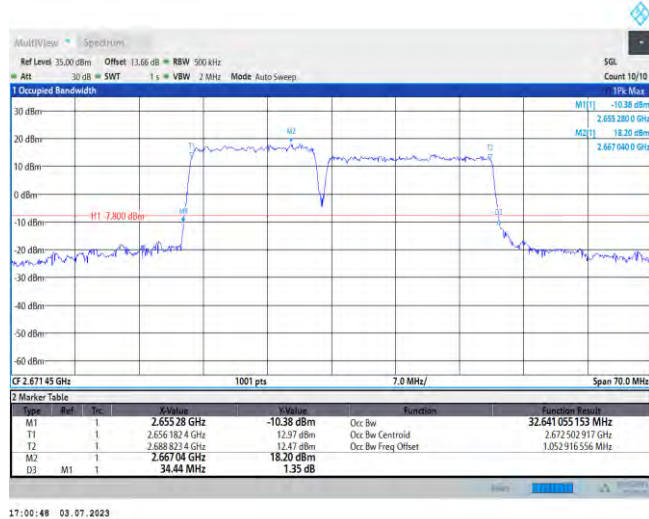
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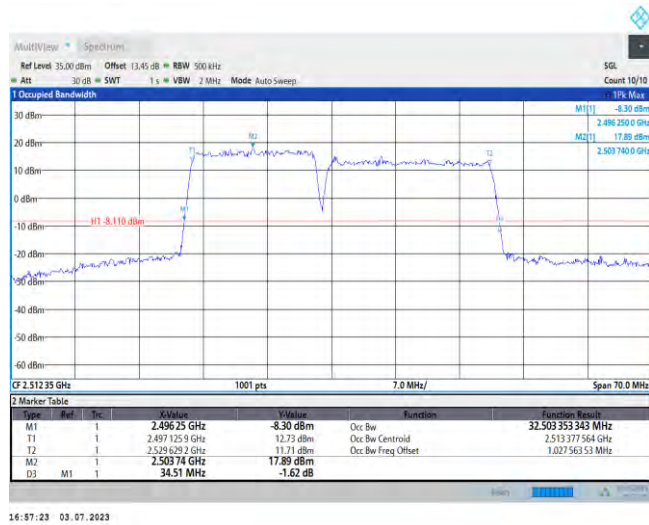
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### 41-41-15MHz-20MHz-16QAM-16QAM-41319-41490-75RB#0-100RB#0



### 41-41-15MHz-20MHz-64QAM-64QAM-39728-39899-75RB#0-100RB#0



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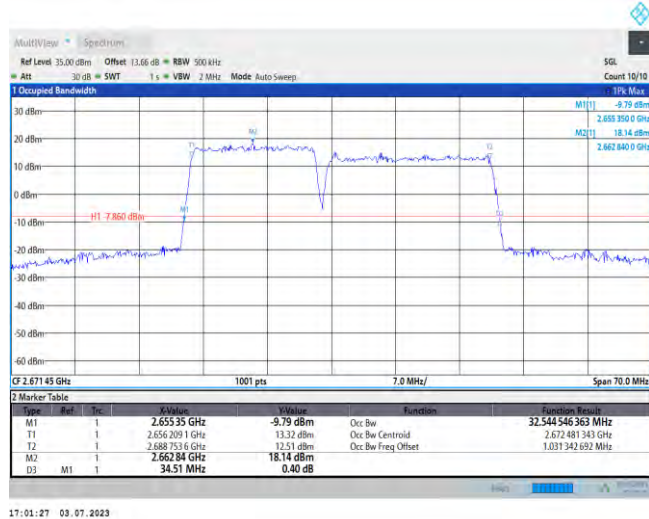


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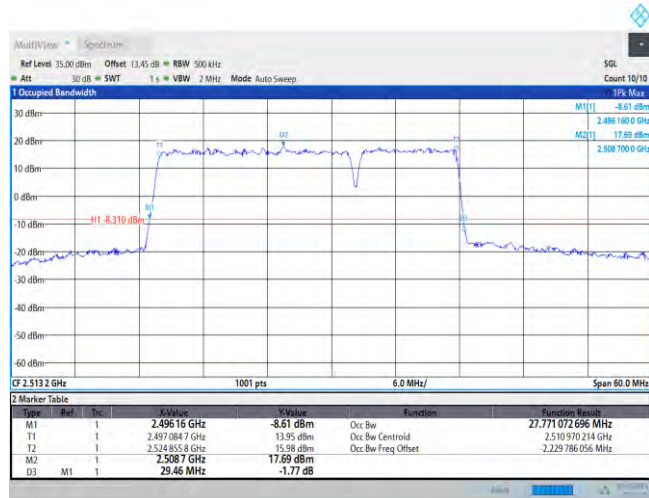


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17:01:27 03.07.2023

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17:14:28 03.07.2023



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41-41-20MHz-10MHz-QPSK-QPSK-40571-40715-100RB#0-50RB#0



17:16:30 03.07.2023



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41-41-20MHz-10MHz-QPSK-QPSK-41391-41535-100RB#0-50RB#0



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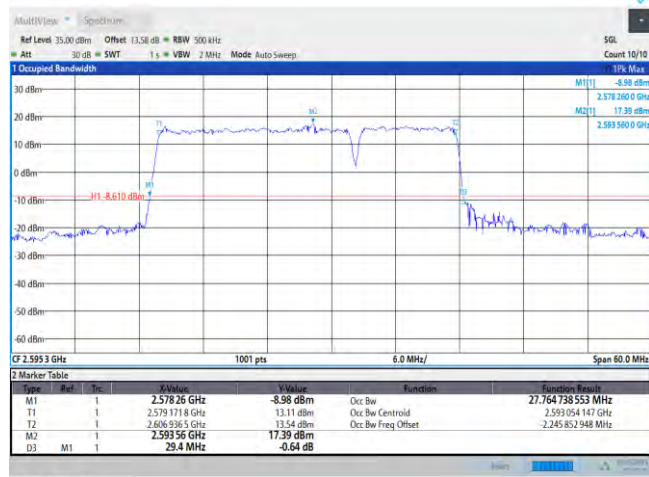
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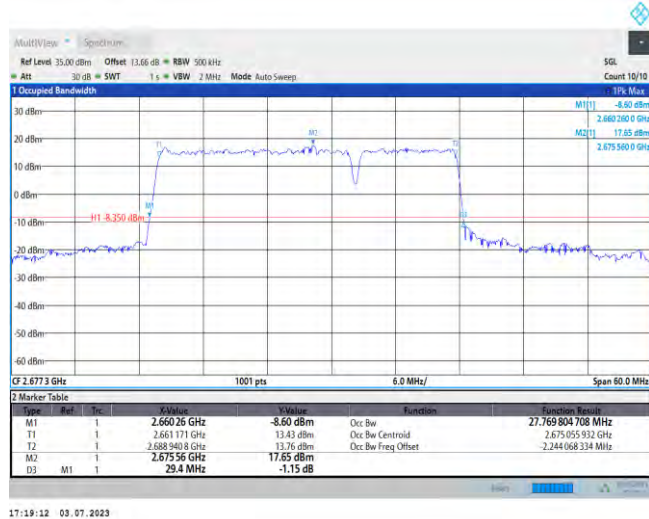


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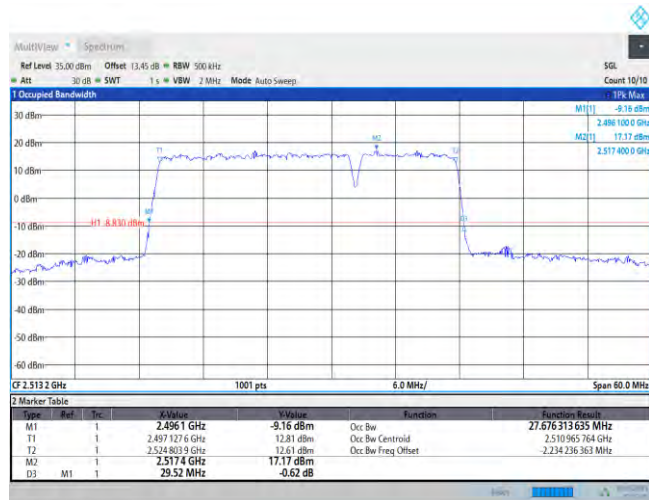
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41-41-20MHz-10MHz-64QAM-64QAM-39750-39894-100RB#0-50RB#0



17:15:46 03.07.2023



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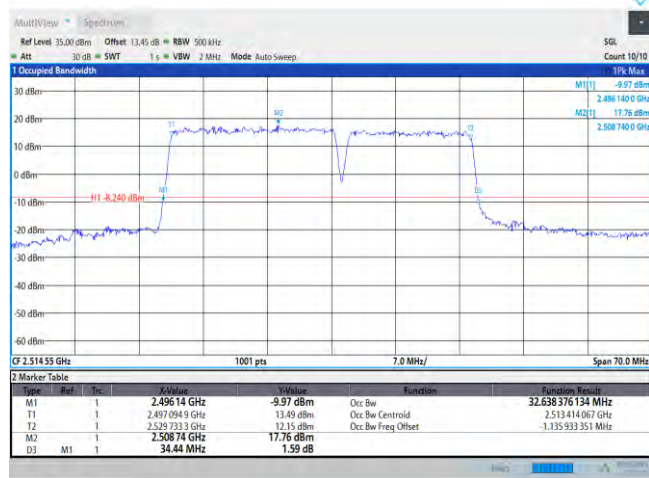
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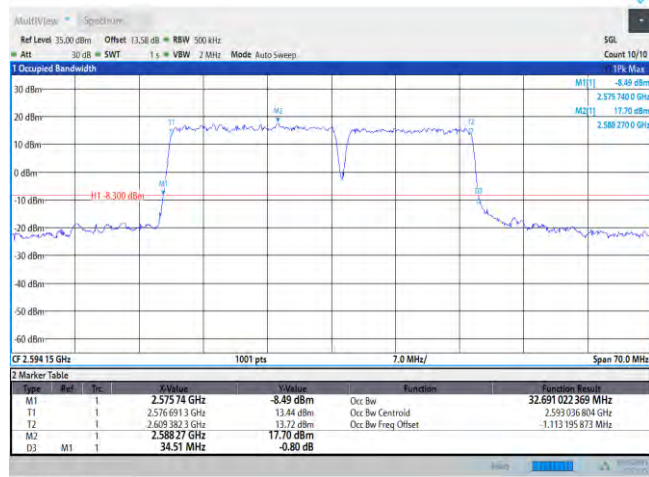
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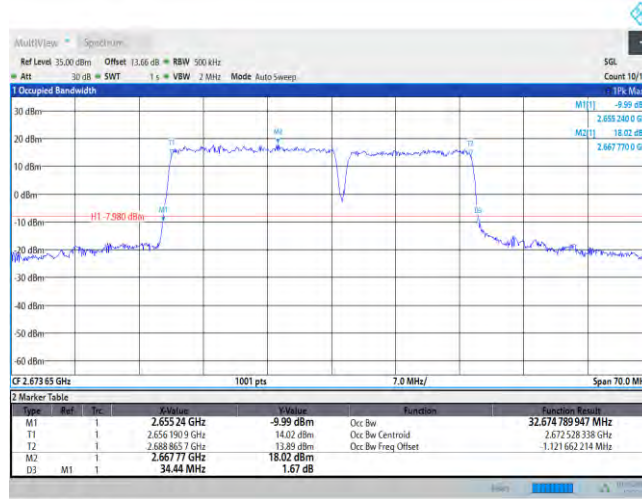


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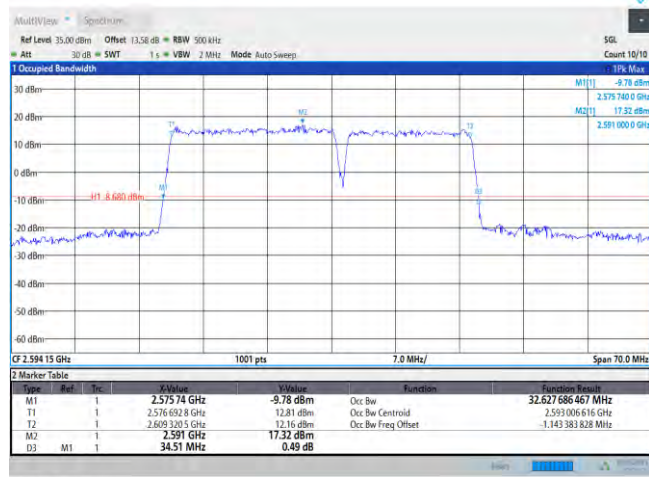
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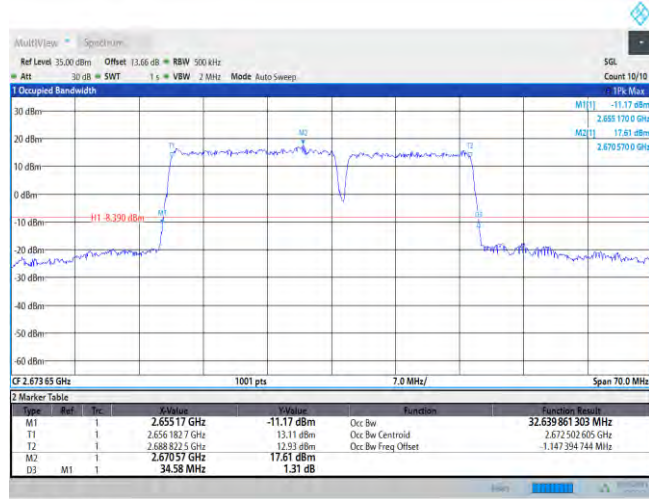
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### 41-41-20MHz-15MHz-16QAM-16QAM-41341-41512-100RB#0-75RB#0



17:25:57 03.07.2023

### 41-41-20MHz-15MHz-64QAM-64QAM-39750-39921-100RB#0-75RB#0



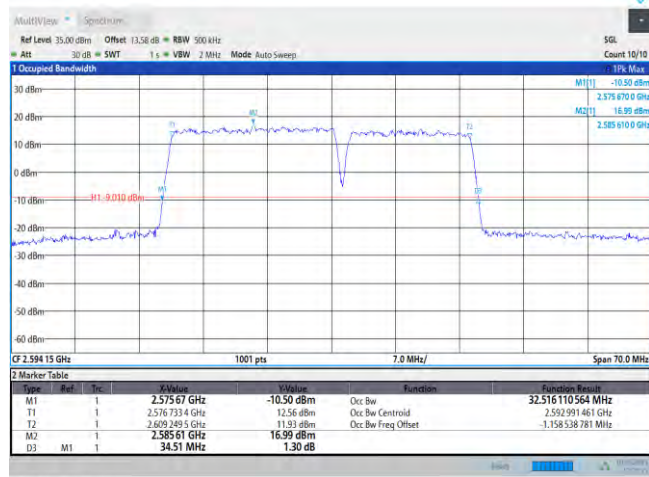
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41-41-20MHz-15MHz-64QAM-64QAM-40546-40717-100RB#0-75RB#0



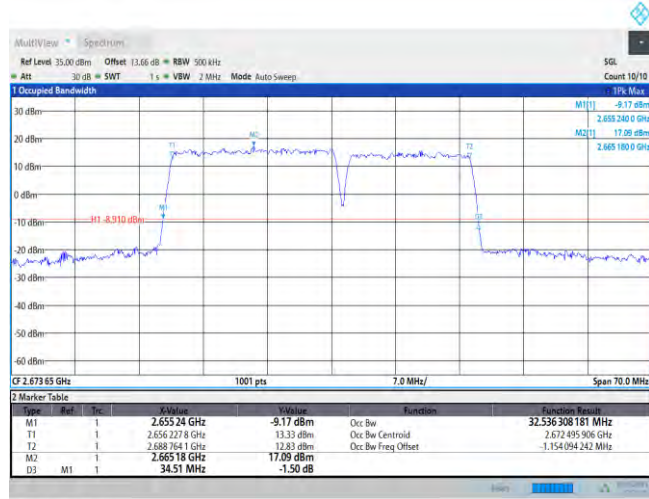
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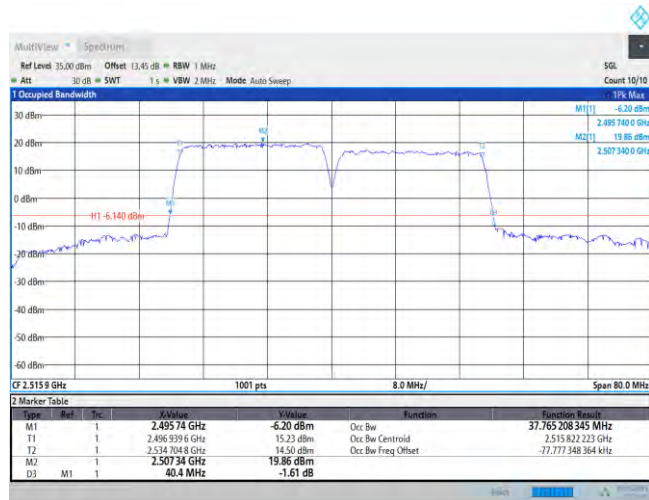
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### 41-41-20MHz-15MHz-64QAM-64QAM-41341-41512-100RB#0-75RB#0



17:26:37 03.07.2023

### 41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-100RB#0-100RB#0



17:33:01 03.07.2023



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41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-100RB#0-100RB#0



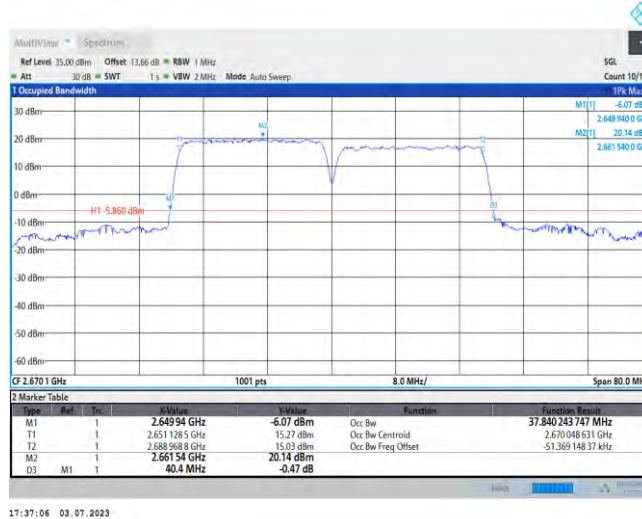
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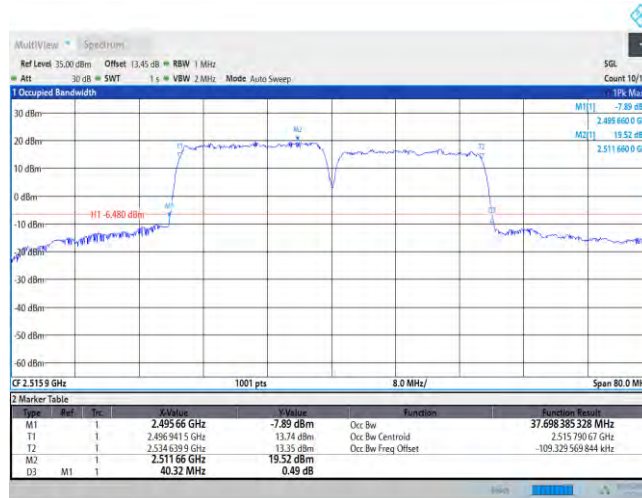
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### 41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-100RB#0-100RB#0



17:37:06 03.07.2023

### 41-41-20MHz-20MHz-16QAM-16QAM-39750-39948-100RB#0-100RB#0



17:33:40 03.07.2023



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41-41-20MHz-20MHz-16QAM-16QAM-40521-40719-100RB#0-100RB#0



17:35:42 03.07.2023



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### 41-41-20MHz-20MHz-16QAM-16QAM-41292-41490-100RB#0-100RB#0



17:37:45 03.07.2023

### 41-41-20MHz-20MHz-64QAM-64QAM-39750-39948-100RB#0-100RB#0



17:34:19 03.07.2023



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17:36:21 03.07.2023



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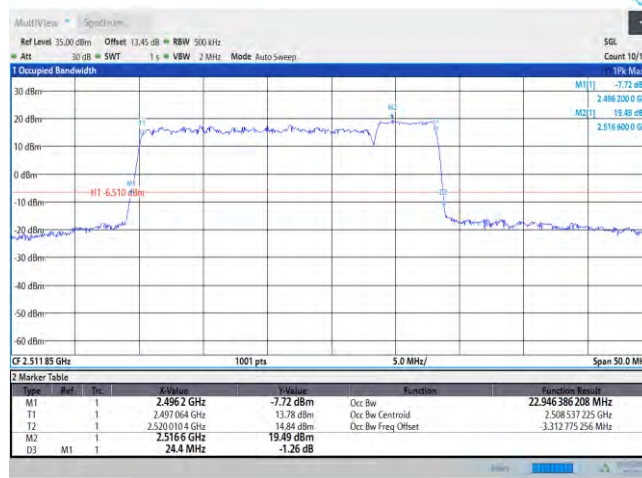
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### 41-41-20MHz-20MHz-64QAM-64QAM-41292-41490-100RB#0-100RB#0



17:38:24 03.07.2023

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



17:02:31 03.07.2023



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



17:09:45 03.07.2023



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 中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 | 邮编: 710086 | t (86-29) 6282 7885

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



17:11:58 03.07.2023

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



17:03:11 03.07.2023



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17:10:25 03.07.2023



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



17:12:37 03.07.2023

### 41-41-20MHz-5MHz-64QAM-64QAM-39750-39867-100RB#0-25RB#0



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17:11:04 03.07.2023



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### 41-41-20MHz-5MHz-64QAM-64QAM-41440-41557-100RB#0-25RB#0



17:13:16 03.07.2023

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



16:23:45 03.07.2023



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



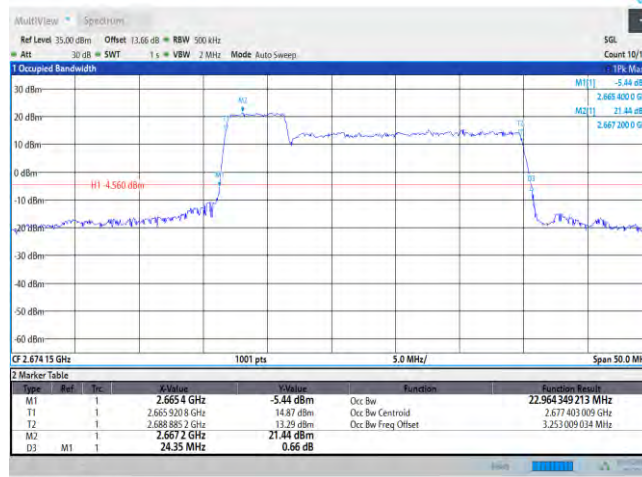
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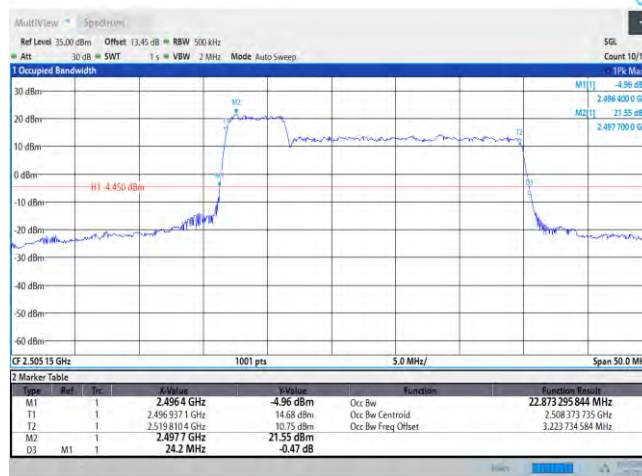
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### 41-41-5MHz-20MHz-QPSK-QPSK-41373-41490-25RB#0-100RB#0



16:27:51 03.07.2023

### 41-41-5MHz-20MHz-16QAM-16QAM-39683-39800-25RB#0-100RB#0



16:24:24 03.07.2023



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



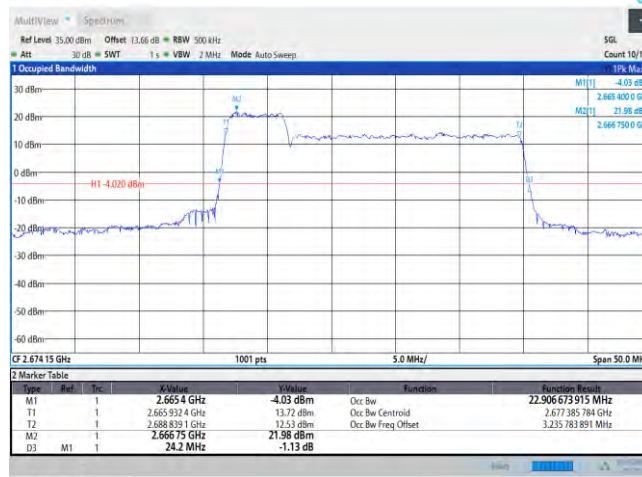
16:26:28 03.07.2023



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



16:28:30 03.07.2023

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



16:25:04 03.07.2023



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



16:27:07 03.07.2023



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41-41-5MHz-20MHz-64QAM-64QAM-41373-41490-25RB#0-100RB#0



16:29:10 03.07.2023



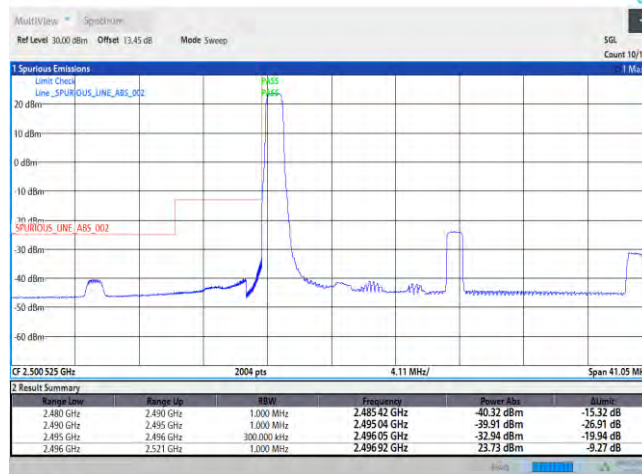
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## Band Edge

## Test Graphs

41-41-10MHz-15MHz-QPSK-QPSK-39703-39823-1RB#0-0RB#0



19:15:45 04.07.2023

41-41-10MHz-15MHz-QPSK-QPSK-39703-39823-50RB#0-75RB#0



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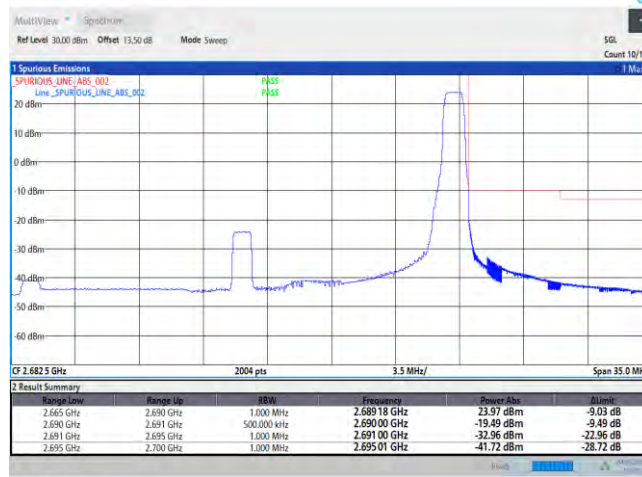


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### 41-41-10MHz-15MHz-QPSK-QPSK-41395-41515-0RB#0-1RB#74



18:40:13 04.07.2023

### 41-41-10MHz-15MHz-QPSK-QPSK-41395-41515-50RB#0-75RB#0



18:41:06 04.07.2023

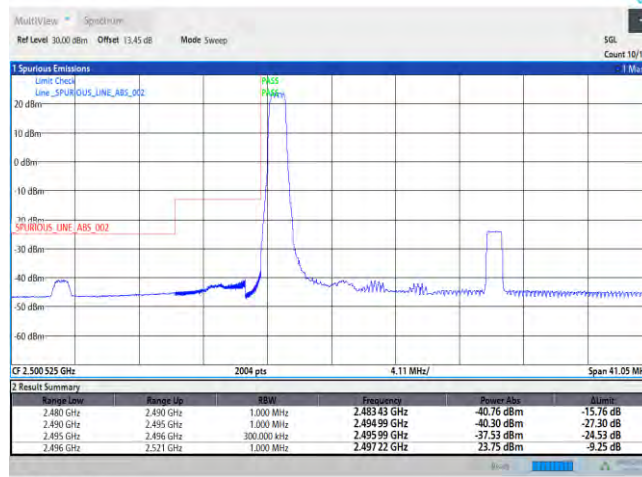


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41-41-10MHz-20MHz-QPSK-QPSK-39705-39849-1RB#0-0RB#0



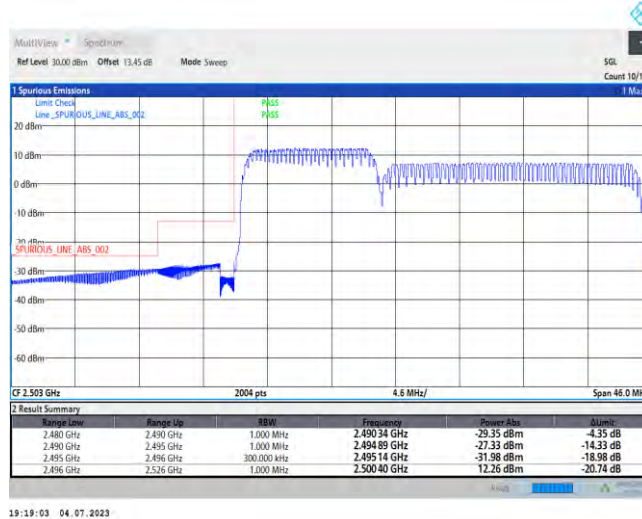
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### 41-41-10MHz-20MHz-QPSK-QPSK-39705-39849-50RB#0-100RB#0



19:19:03 04.07.2023

### 41-41-10MHz-20MHz-QPSK-QPSK-41346-41490-0RB#0-1RB#99



18:42:49 04.07.2023



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41-41-10MHz-20MHz-QPSK-QPSK-41346-41490-50RB#0-100RB#0



18:43:41 04.07.2023

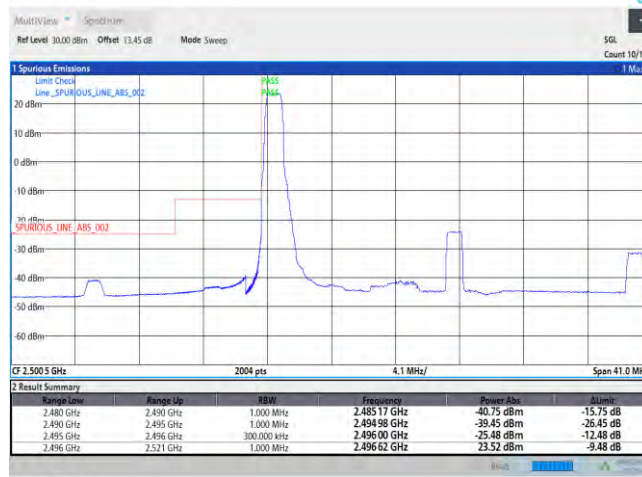


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### 41-41-15MHz-10MHz-QPSK-QPSK-39725-39845-1RB#0-0RB#0



19:20:45 04.07.2023

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



19:23:14 04.07.2023



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41-41-15MHz-10MHz-QPSK-QPSK-41417-41537-0RB#0-1RB#49



18:45:29 04.07.2023



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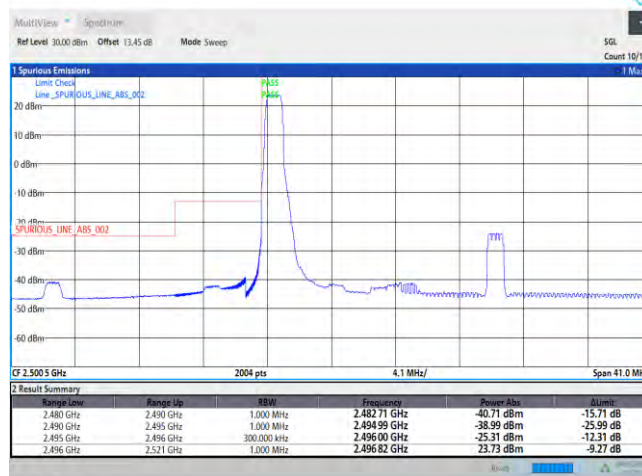
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### 41-41-15MHz-10MHz-QPSK-QPSK-41417-41537-75RB#0-50RB#0



18:46:22 04.07.2023

### 41-41-15MHz-15MHz-QPSK-QPSK-39725-39875-1RB#0-0RB#0



19:24:22 04.07.2023



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41-41-15MHz-15MHz-QPSK-QPSK-39725-39875-75RB#0-75RB#0



19:25:10 04.07.2023



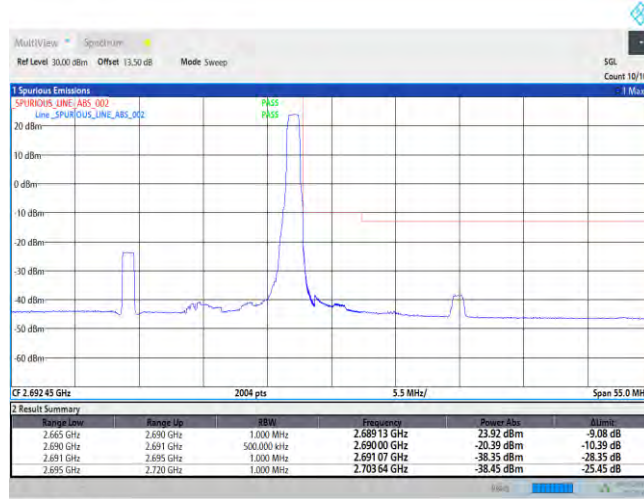
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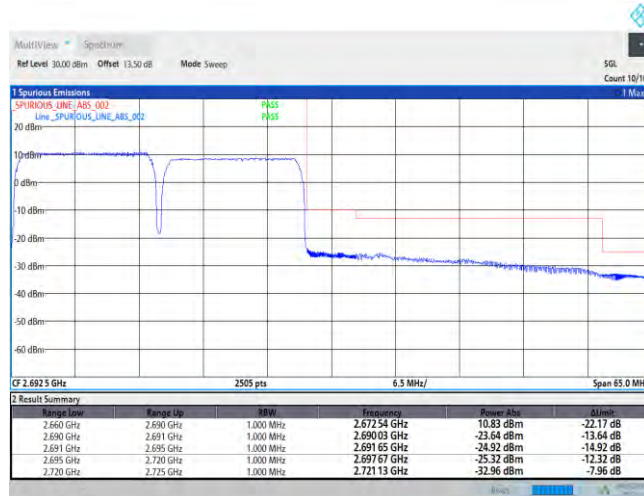


### 41-41-15MHz-15MHz-QPSK-QPSK-41365-41515-0RB#0-1RB#74



18:50:42 04.07.2023

### 41-41-15MHz-15MHz-QPSK-QPSK-41365-41515-75RB#0-75RB#0



18:51:35 04.07.2023



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### 41-41-15MHz-20MHz-QPSK-QPSK-39728-39899-1RB#0-0RB#0



19:26:53 04.07.2023



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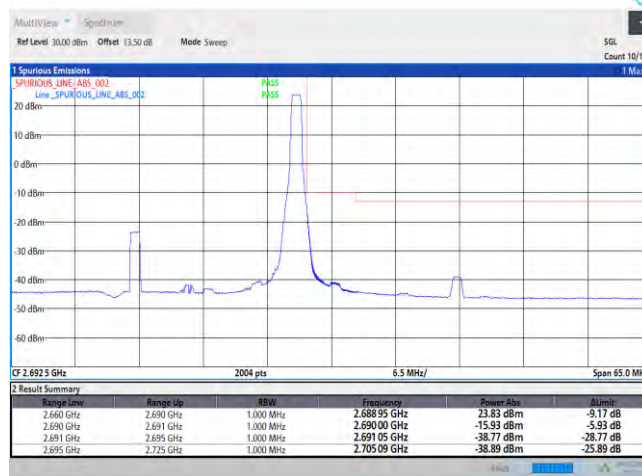
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### 41-41-15MHz-20MHz-QPSK-QPSK-39728-39899-75RB#0-100RB#0



19:27:41 04.07.2023

### 41-41-15MHz-20MHz-QPSK-QPSK-41319-41490-0RB#0-1RB#99



18:53:18 04.07.2023



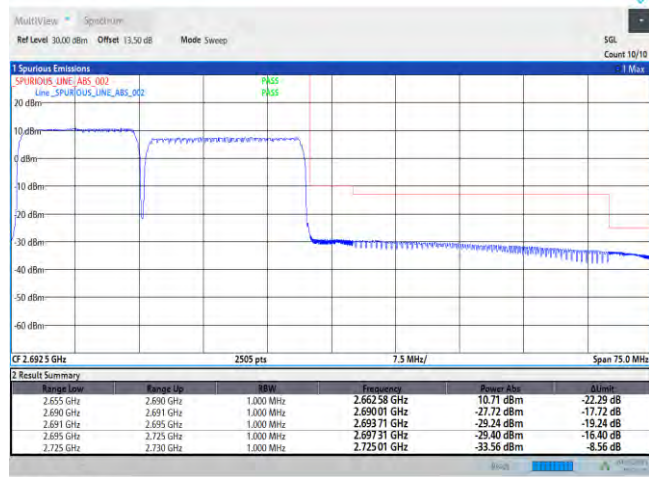
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41-41-15MHz-20MHz-QPSK-QPSK-41319-41490-75RB#0-100RB#0



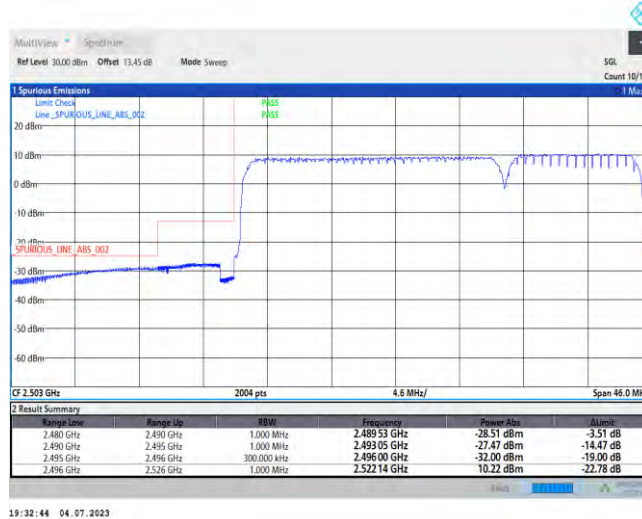
18:54:11 04.07.2023



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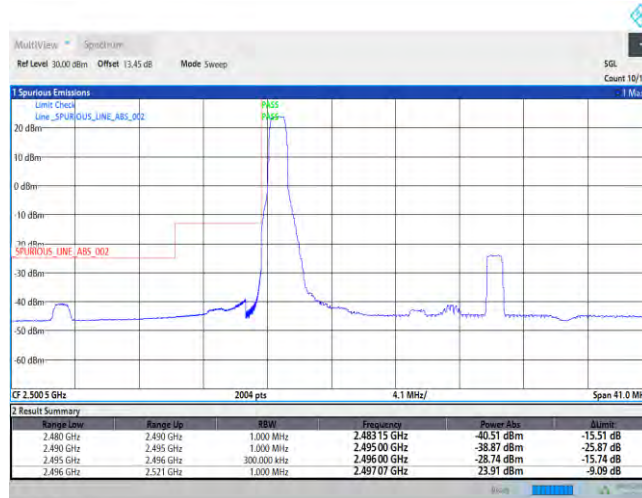
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### 41-41-20MHz-10MHz-QPSK-QPSK-39750-39894-100RB#0-50RB#0



19:32:44 04.07.2023

### 41-41-20MHz-10MHz-QPSK-QPSK-39750-39894-1RB#0-0RB#0



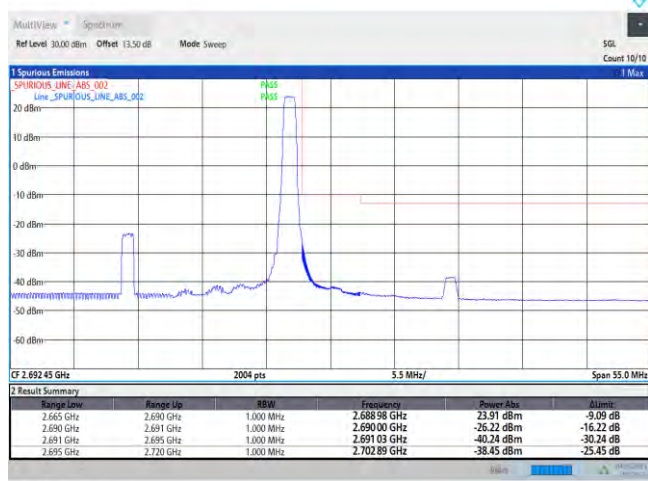
19:31:56 04.07.2023



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41-41-20MHz-10MHz-QPSK-QPSK-41391-41535-0RB#0-1RB#49



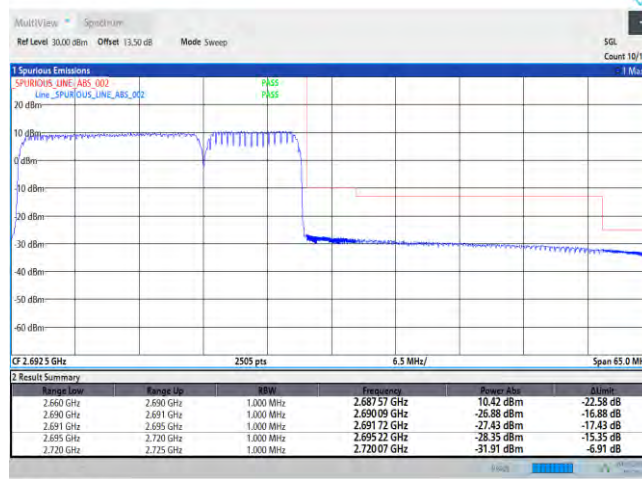
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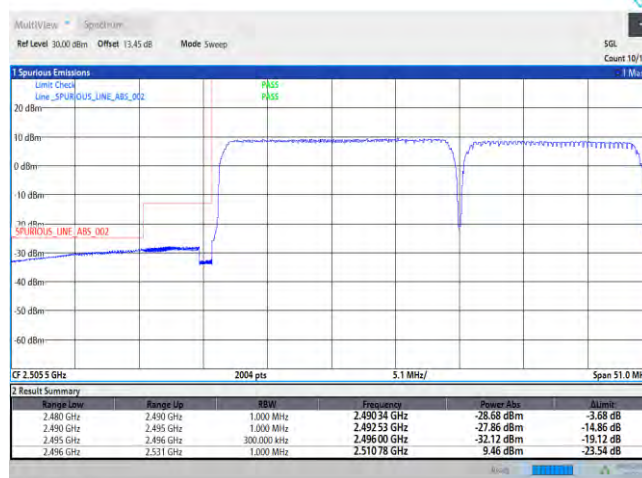
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### 41-41-20MHz-10MHz-QPSK-QPSK-41391-41535-100RB#0-50RB#0



18:59:49 04.07.2023

### 41-41-20MHz-15MHz-QPSK-QPSK-39750-39921-100RB#0-75RB#0



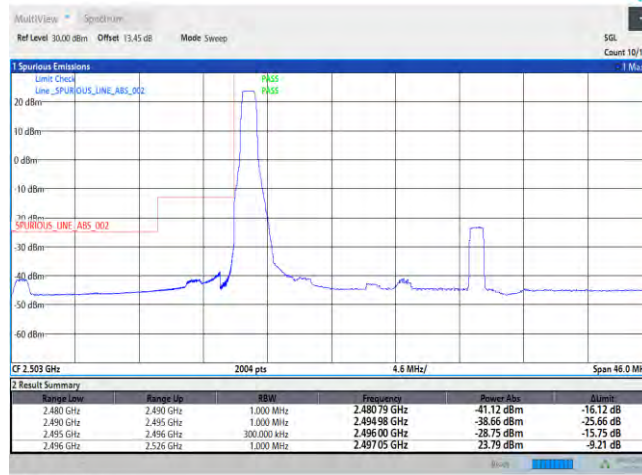
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19:34:27 04.07.2023

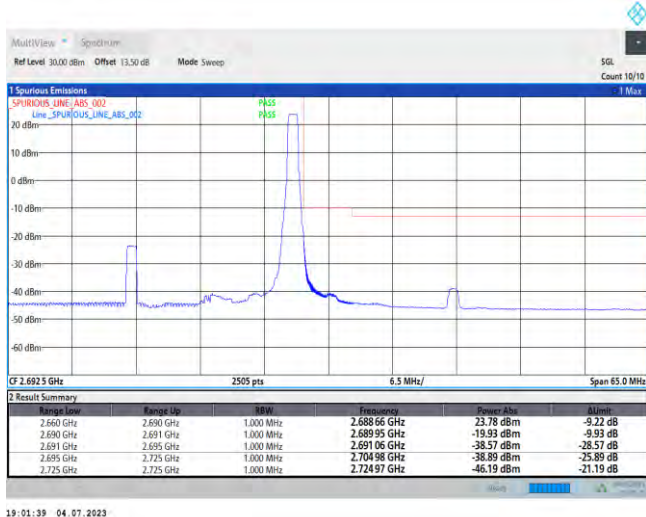


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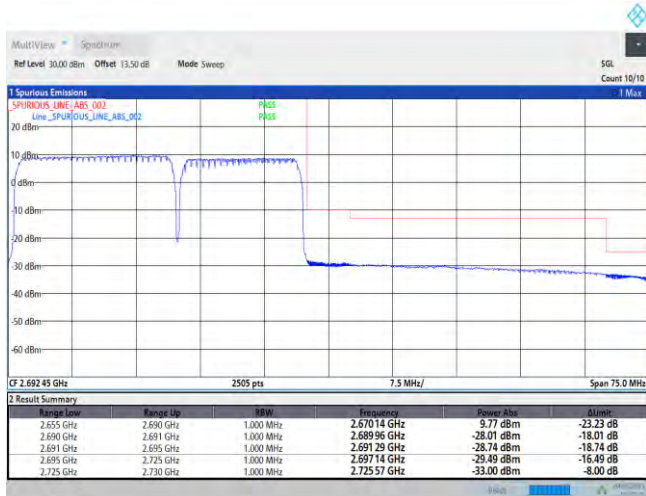


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19:01:39 04.07.2023

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19:02:32 04.07.2023



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41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-100RB#0-100RB#0



18:11:25 06.07.2023

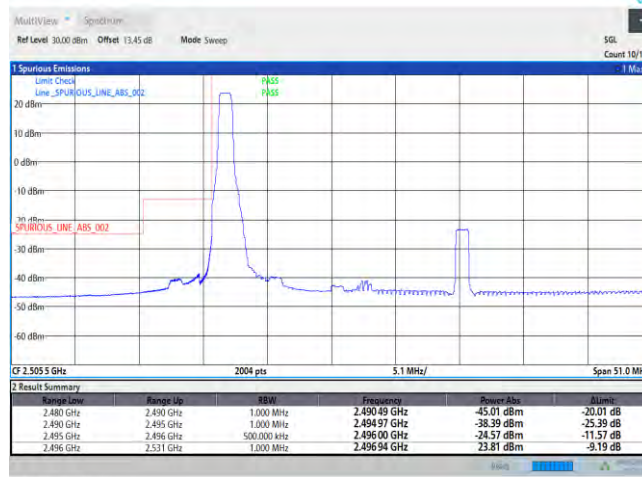


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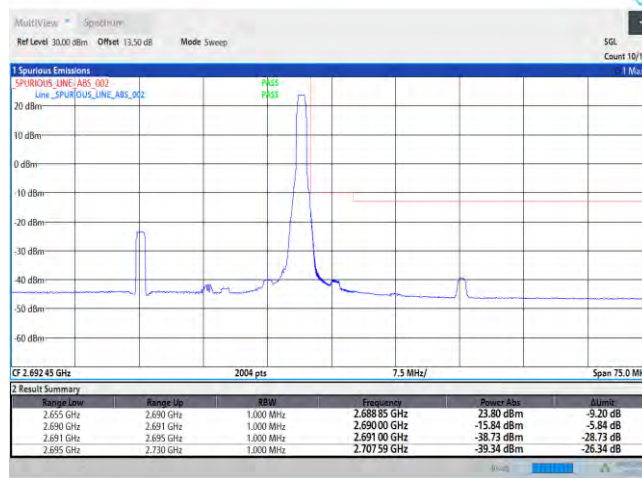
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### 41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0



19:36:24 04.07.2023

### 41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-0RB#0-1RB#99



19:05:38 04.07.2023

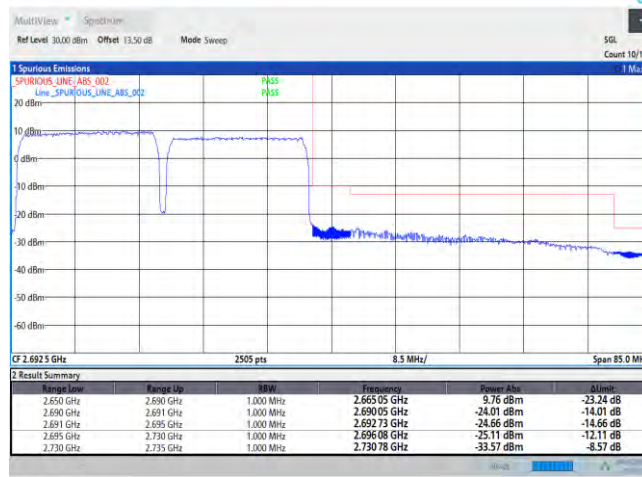


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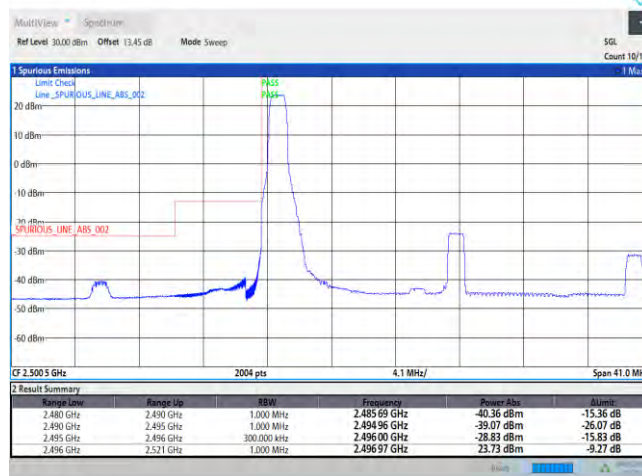
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### 41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-100RB#0-100RB#0



19:06:31 04.07.2023

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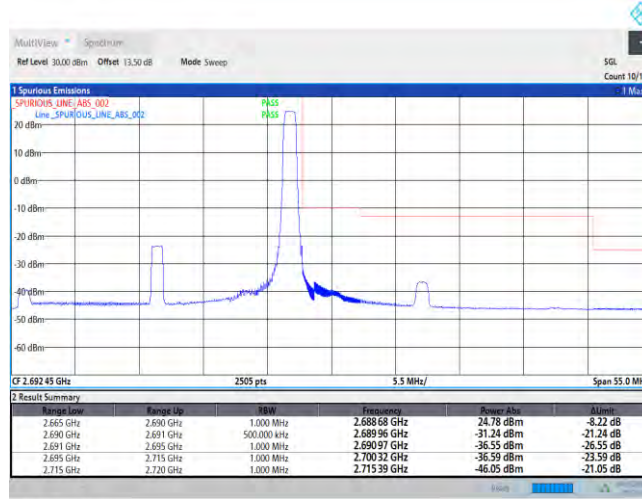
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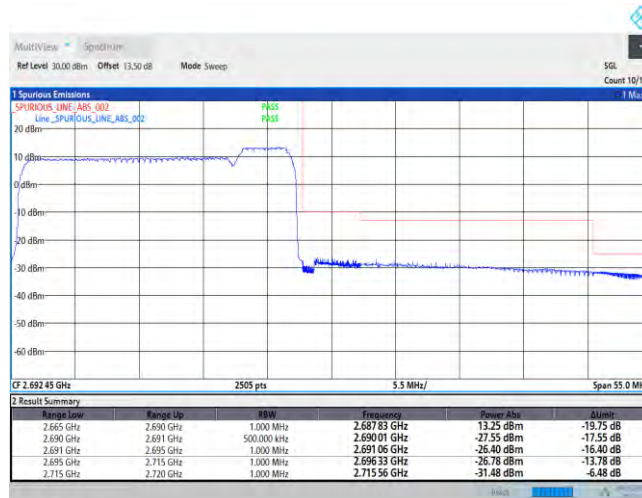
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### 41-41-20MHz-5MHz-QPSK-QPSK-41440-41557-0RB#0-1RB#24



18:56:00 04.07.2023

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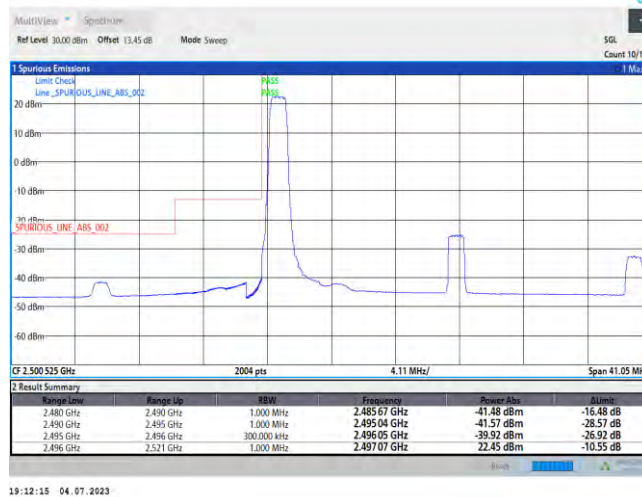


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### 41-41-5MHz-20MHz-QPSK-QPSK-39683-39800-1RB#0-0RB#0



19:12:15 04.07.2023

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



19:14:02 04.07.2023



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### 41-41-5MHz-20MHz-QPSK-QPSK-41373-41490-0RB#0-1RB#99



18:36:37 04.07.2023

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



18:22:10 06.07.2023



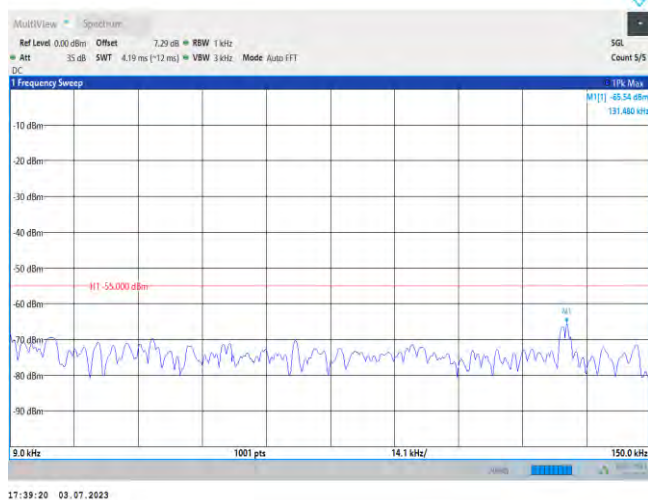
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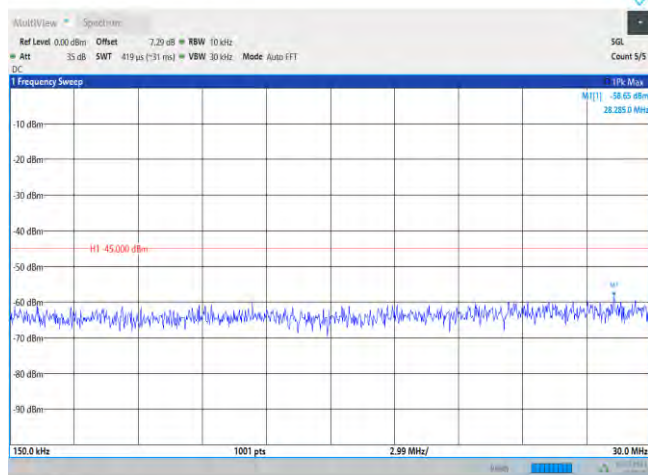
### Test Graphs

41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-0.009~0.15MHz



17:39:20 03.07.2023

41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-0.15~30MHz



17:39:30 03.07.2023

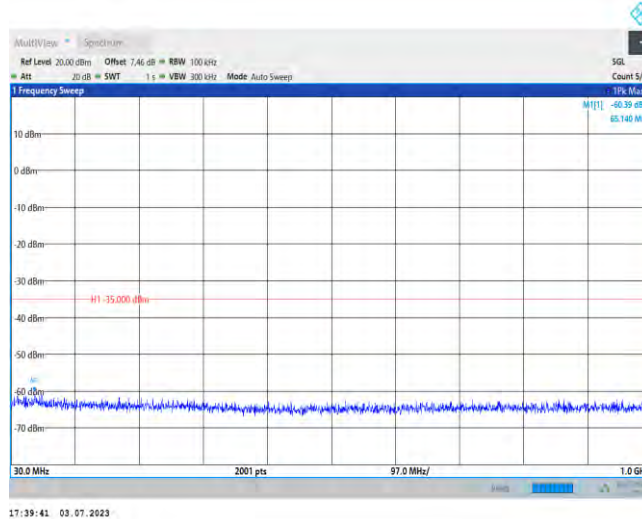


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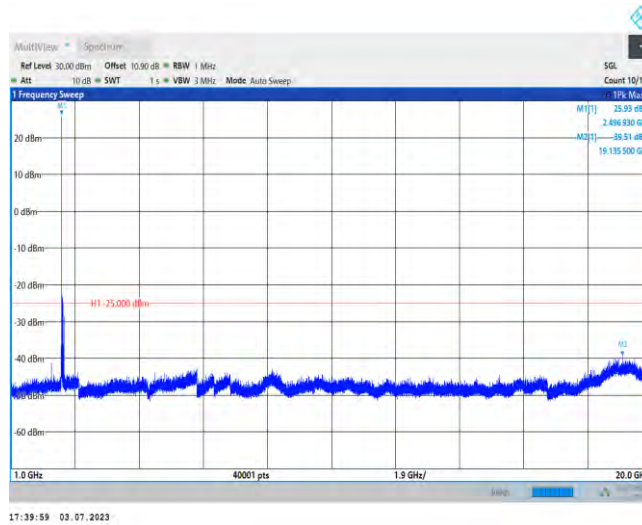
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41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-30~1000MHz



41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-1000~20000MHz

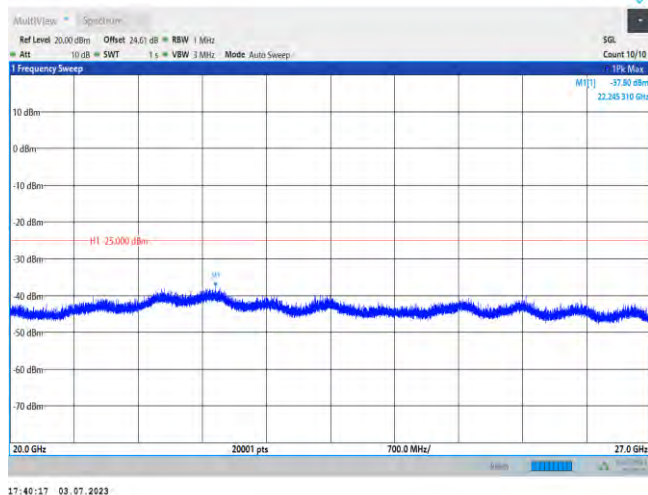


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 Rev.: 01  
 Page: 106 of 116

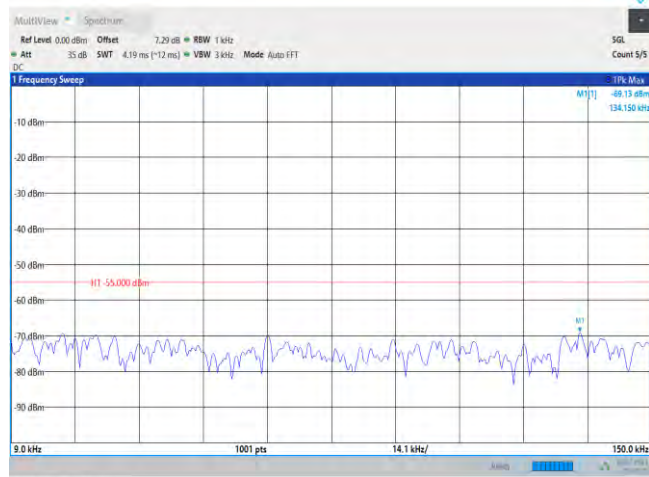
41-41-20MHz-20MHz-QPSK-QPSK-39750-39948-1RB#0-0RB#0-20000~27000MHz



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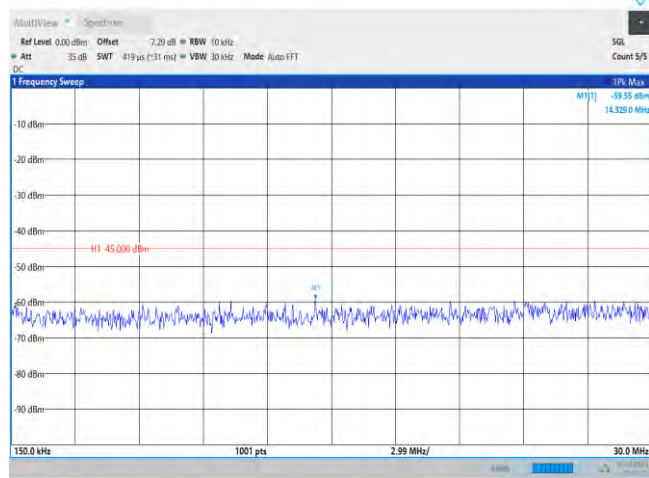
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41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-0.009~0.15MHz



17:40:59 03.07.2023

41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-0.15~30MHz



17:41:09 03.07.2023

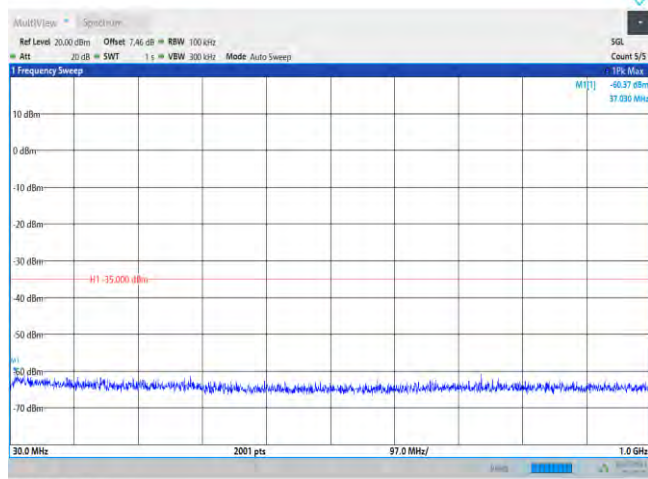


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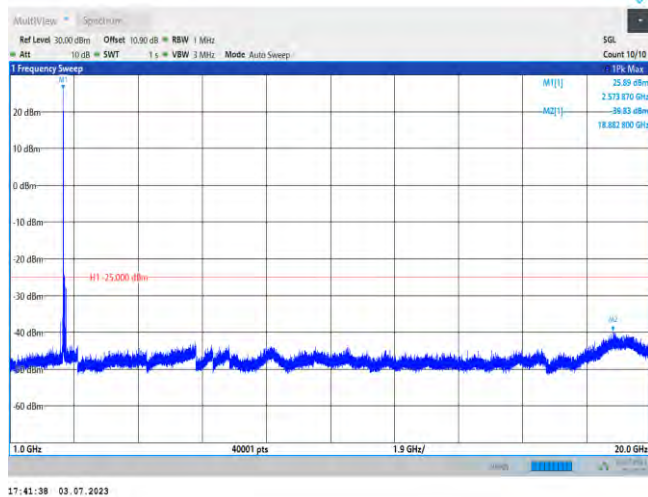
41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-30~1000MHz



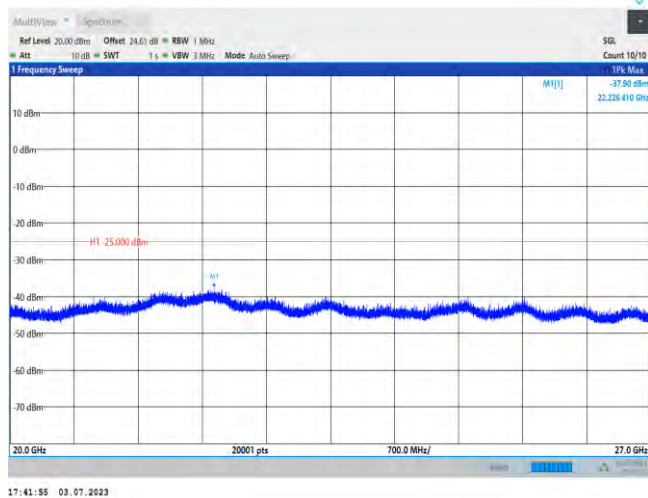
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41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-1000~20000MHz



41-41-20MHz-20MHz-QPSK-QPSK-40521-40719-1RB#0-0RB#0-20000~27000MHz

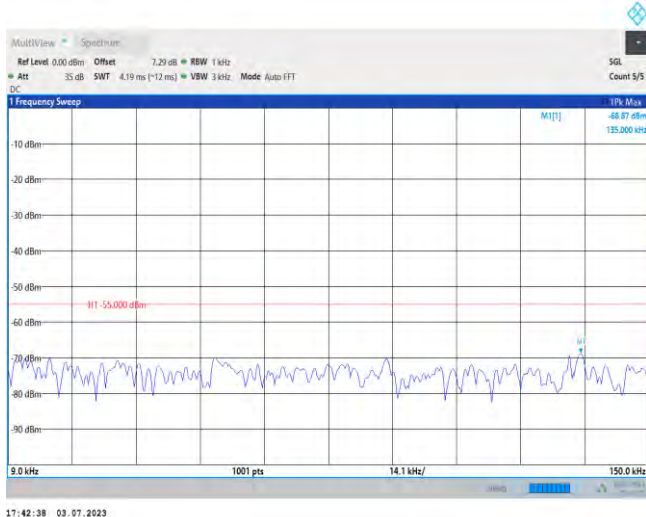


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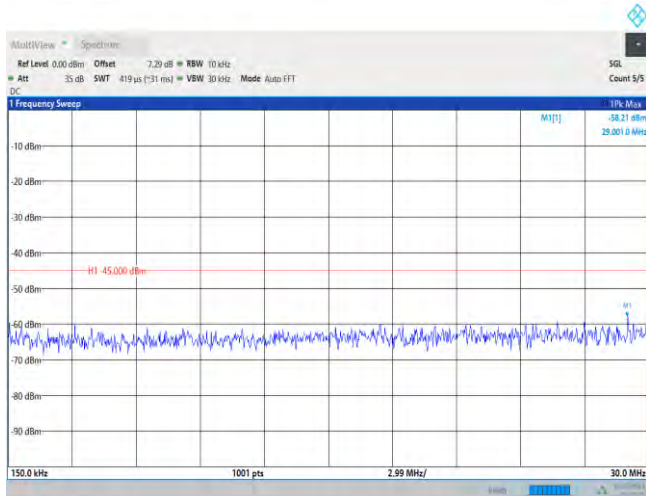
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41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-0.009~0.15MHz



17:42:38 03.07.2023

41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-0.15~30MHz



17:42:47 03.07.2023

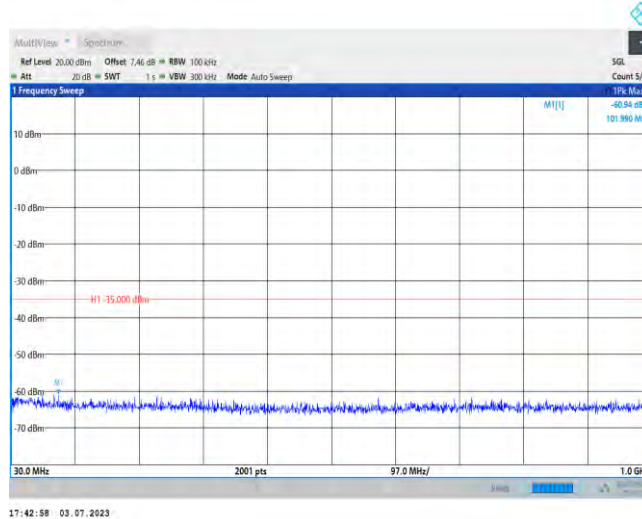


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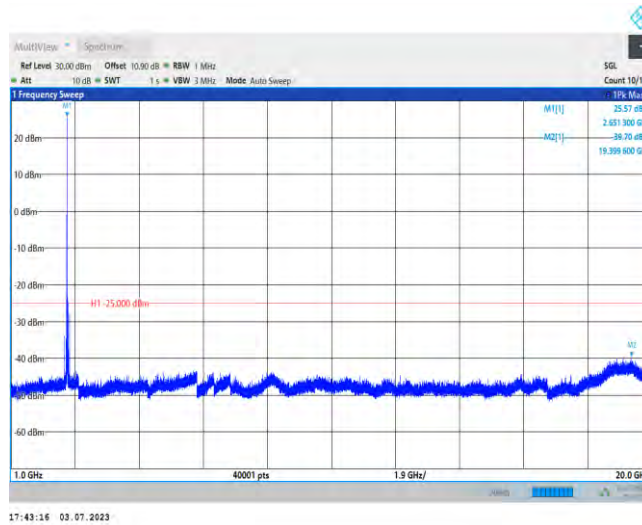
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41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-30~1000MHz



41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-1000~20000MHz



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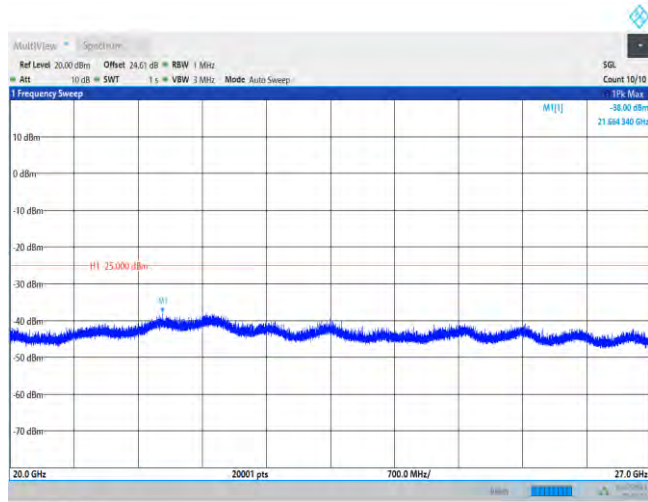
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Report No.: XEWM2306000327RG01

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41-41-20MHz-20MHz-QPSK-QPSK-41292-41490-1RB#0-0RB#0-20000~27000MHz



17:43:34 03.07.2023



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### Field Strength of Spurious Radiation

Test Band = LTE CA\_41C\_TM1

Test Channel = LCH

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2987.3319	38.82	-21.79	28.52	-49.71	-25.00	24.71	369	83	Horizontal
2	4798.2719	48.05	-42.95	30.79	-59.37	-25.00	34.37	332	32	Horizontal
3	6498.74	46.14	-40.47	34.29	-55.30	-25.00	30.30	257	19	Horizontal
4	9483.8594	44.12	-35.91	37.70	-49.35	-25.00	24.35	111	104	Horizontal
5	11093.1237	44.38	-37.55	40.19	-48.24	-25.00	23.24	178	305	Horizontal
6	15197.8879	42.43	-35.37	39.71	-48.49	-25.00	23.49	253	260	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2998.8888	38.70	-21.77	28.59	-49.74	-25.00	24.74	333	8	Vertical
2	4387.8555	48.41	-43.40	30.05	-60.20	-25.00	35.20	258	300	Vertical
3	6504.1402	45.98	-40.47	34.32	-55.43	-25.00	30.43	365	189	Vertical
4	9558.8624	44.31	-35.79	37.80	-48.94	-25.00	23.94	217	46	Vertical
5	10972.5189	44.02	-37.10	40.13	-48.21	-25.00	23.21	103	0	Vertical
6	15189.4876	42.71	-35.70	39.76	-48.49	-25.00	23.49	224	340	Vertical



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**Test Band = LTE CA\_41C\_TM1**  
**Test Channel = MCH**

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2999.5555	38.77	-21.77	28.60	-49.66	-25.00	24.66	332	87	Horizontal
2	4512.6605	48.54	-43.00	29.63	-60.09	-25.00	35.09	282	144	Horizontal
3	6097.9239	46.48	-40.55	33.40	-55.93	-25.00	30.93	214	247	Horizontal
4	9506.6603	44.27	-35.99	37.80	-49.18	-25.00	24.18	189	296	Horizontal
5	11033.7213	43.98	-37.19	40.13	-48.34	-25.00	23.34	339	332	Horizontal
6	15177.4871	43.24	-36.17	39.84	-48.35	-25.00	23.35	220	287	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2984.4427	38.82	-21.79	28.51	-49.72	-25.00	24.72	236	70	Vertical
2	3969.6388	48.85	-44.18	29.86	-60.73	-25.00	35.73	337	204	Vertical
3	5694.7078	47.54	-41.16	32.50	-56.38	-25.00	31.38	172	57	Vertical
4	9460.4584	44.25	-35.76	37.56	-49.21	-25.00	24.21	225	298	Vertical
5	13693.0277	44.02	-38.00	40.19	-49.05	-25.00	24.05	331	253	Vertical
6	16408.7363	42.53	-34.89	38.84	-48.78	-25.00	23.78	140	358	Vertical



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**Test Band = LTE CA\_41C\_TM1**  
**Test Channel = HCH**

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2987.3319	38.96	-21.79	28.52	-49.57	-25.00	24.57	233	300	Horizontal
2	3987.0395	48.49	-44.17	29.83	-61.11	-25.00	36.11	322	38	Horizontal
3	5378.4951	47.10	-42.06	32.37	-57.85	-25.00	32.85	120	91	Horizontal
4	7955.5982	45.03	-37.36	36.40	-51.19	-25.00	26.19	221	309	Horizontal
5	10971.3189	44.30	-37.11	40.13	-47.94	-25.00	22.94	189	203	Horizontal
6	15194.8878	42.94	-35.49	39.73	-48.08	-25.00	23.08	332	73	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle[°]	Polarity
1	2987.5542	38.82	-21.79	28.53	-49.70	-25.00	24.70	274	160	Vertical
2	4510.2604	48.99	-42.99	29.62	-59.64	-25.00	34.64	367	166	Vertical
3	5697.7079	47.37	-41.15	32.50	-56.54	-25.00	31.54	229	198	Vertical
4	7429.9772	45.39	-38.28	36.76	-51.39	-25.00	26.39	336	313	Vertical
5	10966.5187	44.54	-37.13	40.13	-47.72	-25.00	22.72	254	11	Vertical
6	15178.0871	43.10	-36.15	39.83	-48.48	-25.00	23.48	101	157	Vertical

**Remark:**

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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## Frequency Stability

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VH	NT	20.00	0.007743	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VL	NT	10.50	0.004065	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	VN	NT	7.40	0.002865	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	50	11.00	0.004258	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	40	18.50	0.007162	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	30	23.30	0.009020	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	20	9.70	0.003755	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	10	12.50	0.004839	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	0	14.10	0.005459	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-10	17.10	0.006620	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-20	21.00	0.008130	PASS
41-41	20MHz-20MHz	QPSK-QPSK	40521-40719	100RB#0-100RB#0	NV	-30	19.00	0.007356	PASS

---End of Attachment---



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