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Appendix B.52

LTE CA_48C(3550-3700)



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Effective (Isotropic) Radiated Power Output Data

Test ResultAnt6

and	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm/ 10MHz)	EIRP (dBm/ 10MHz)	Limit (dBm/ 10MHz)	Verdict
48-48	10MHz-20MHz	QPSK-QPSK	55295-55439	1RB#0-0RB#0	21.42	17.13	23	PASS
48-48	10MHz-20MHz	QPSK-QPSK	55295-55439	50RB#0-100RB#0	19.72	15.43	23	PASS
48-48	10MHz-20MHz	QPSK-QPSK	55896-56040	1RB#0-0RB#0	21.23	16.94	23	PASS
48-48	10MHz-20MHz	QPSK-QPSK	55896-56040	50RB#0-100RB#0	19.52	15.23	23	PASS
48-48	10MHz-20MHz	QPSK-QPSK	56496-56640	1RB#0-0RB#0	21.09	16.8	23	PASS
48-48	10MHz-20MHz	QPSK-QPSK	56496-56640	50RB#0-100RB#0	19.45	15.16	23	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55295-55439	1RB#0-0RB#0	20.48	16.19	23	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55295-55439	50RB#0-100RB#0	18.72	14.43	23	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55896-56040	1RB#0-0RB#0	20.26	15.97	23	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55896-56040	50RB#0-100RB#0	18.57	14.28	23	PASS
48-48	10MHz-20MHz	16QAM-16QAM	56496-56640	1RB#0-0RB#0	20.11	15.82	23	PASS
48-48	10MHz-20MHz	16QAM-16QAM	56496-56640	50RB#0-100RB#0	18.6	14.31	23	PASS
48-48	10MHz-20MHz	64QAM-64QAM	55295-55439	1RB#0-0RB#0	19.1	14.81	23	PASS
48-48	10MHz-20MHz	64QAM-64QAM	55295-55439	50RB#0-100RB#0	18.88	14.59	23	PASS
48-48	10MHz-20MHz	64QAM-64QAM	55896-56040	1RB#0-0RB#0	18.97	14.68	23	PASS



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48-48	10MHz-20MHz	64QAM-64QAM	55896-56040	50RB#0-100RB#0	18.58	14.29	23	PASS
48-48	10MHz-20MHz	64QAM-64QAM	56496-56640	1RB#0-0RB#0	18.76	14.47	23	PASS
48-48	10MHz-20MHz	64QAM-64QAM	56496-56640	50RB#0-100RB#0	18.6	14.31	23	PASS
48-48	10MHz-20MHz	256QAM-256QAM	55295-55439	1RB#0-0RB#0	16.43	12.14	23	PASS
48-48	10MHz-20MHz	256QAM-256QAM	55295-55439	50RB#0-100RB#0	16.85	12.56	23	PASS
48-48	10MHz-20MHz	256QAM-256QAM	55896-56040	1RB#0-0RB#0	16.06	11.77	23	PASS
48-48	10MHz-20MHz	256QAM-256QAM	55896-56040	50RB#0-100RB#0	16.57	12.28	23	PASS
48-48	10MHz-20MHz	256QAM-256QAM	56496-56640	1RB#0-0RB#0	16.12	11.83	23	PASS
48-48	10MHz-20MHz	256QAM-256QAM	56496-56640	50RB#0-100RB#0	16.55	12.26	23	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55318-55489	1RB#0-0RB#0	21.53	17.24	23	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55318-55489	75RB#0-100RB#0	19.7	15.41	23	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55893-56064	1RB#0-0RB#0	21.26	16.97	23	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55893-56064	75RB#0-100RB#0	19.41	15.12	23	PASS
48-48	15MHz-20MHz	QPSK-QPSK	56469-56640	1RB#0-0RB#0	21.18	16.89	23	PASS
48-48	15MHz-20MHz	QPSK-QPSK	56469-56640	75RB#0-100RB#0	19.48	15.19	23	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55318-55489	1RB#0-0RB#0	20.74	16.45	23	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55318-55489	75RB#0-100RB#0	18.76	14.47	23	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55893-56064	1RB#0-0RB#0	20.58	16.29	23	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55893-56064	75RB#0-100RB#0	18.47	14.18	23	PASS



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48	20MHz		56064	100RB#0				S
48- 48	15MHz- 20MHz	16QAM-16QAM	56469- 56640	1RB#0-0RB#0	20.29	16	23	PAS S
48- 48	15MHz- 20MHz	16QAM-16QAM	56469- 56640	75RB#0- 100RB#0	18.5	14.21	23	PAS S
48- 48	15MHz- 20MHz	64QAM-64QAM	55318- 55489	1RB#0-0RB#0	19.38	15.09	23	PAS S
48- 48	15MHz- 20MHz	64QAM-64QAM	55318- 55489	75RB#0- 100RB#0	18.62	14.33	23	PAS S
48- 48	15MHz- 20MHz	64QAM-64QAM	55893- 56064	1RB#0-0RB#0	19.08	14.79	23	PAS S
48- 48	15MHz- 20MHz	64QAM-64QAM	55893- 56064	75RB#0- 100RB#0	18.57	14.28	23	PAS S
48- 48	15MHz- 20MHz	64QAM-64QAM	56469- 56640	1RB#0-0RB#0	19.07	14.78	23	PAS S
48- 48	15MHz- 20MHz	64QAM-64QAM	56469- 56640	75RB#0- 100RB#0	18.35	14.06	23	PAS S
48- 48	15MHz- 20MHz	256QAM- 256QAM	55318- 55489	1RB#0-0RB#0	16.48	12.19	23	PAS S
48- 48	15MHz- 20MHz	256QAM- 256QAM	55318- 55489	75RB#0- 100RB#0	16.82	12.53	23	PAS S
48- 48	15MHz- 20MHz	256QAM- 256QAM	55893- 56064	1RB#0-0RB#0	16.37	12.08	23	PAS S
48- 48	15MHz- 20MHz	256QAM- 256QAM	55893- 56064	75RB#0- 100RB#0	16.51	12.22	23	PAS S
48- 48	15MHz- 20MHz	256QAM- 256QAM	56469- 56640	1RB#0-0RB#0	16.31	12.02	23	PAS S
48- 48	15MHz- 20MHz	256QAM- 256QAM	56469- 56640	75RB#0- 100RB#0	16.47	12.18	23	PAS S
48- 48	20MHz- 10MHz	QPSK-QPSK	55340- 55484	100RB#0- 50RB#0	19.8	15.51	23	PAS S
48- 48	20MHz- 10MHz	QPSK-QPSK	55340- 55484	1RB#0-0RB#0	21.53	17.24	23	PAS S
48- 48	20MHz- 10MHz	QPSK-QPSK	55941- 56085	100RB#0- 50RB#0	19.36	15.07	23	PAS S
48- 48	20MHz- 10MHz	QPSK-QPSK	55941- 56085	1RB#0-0RB#0	21.14	16.85	23	PAS S



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48-48	20MHz-10MHz	QPSK-QPSK	56541-56685	100RB#0-50RB#0	19.29	15	23	PAS S
48-48	20MHz-10MHz	QPSK-QPSK	56541-56685	1RB#0-0RB#0	21.07	16.78	23	PAS S
48-48	20MHz-10MHz	16QAM-16QAM	55340-55484	100RB#0-50RB#0	18.68	14.39	23	PAS S
48-48	20MHz-10MHz	16QAM-16QAM	55340-55484	1RB#0-0RB#0	20.51	16.22	23	PAS S
48-48	20MHz-10MHz	16QAM-16QAM	55941-56085	100RB#0-50RB#0	18.61	14.32	23	PAS S
48-48	20MHz-10MHz	16QAM-16QAM	55941-56085	1RB#0-0RB#0	20.14	15.85	23	PAS S
48-48	20MHz-10MHz	16QAM-16QAM	56541-56685	100RB#0-50RB#0	18.4	14.11	23	PAS S
48-48	20MHz-10MHz	16QAM-16QAM	56541-56685	1RB#0-0RB#0	20.1	15.81	23	PAS S
48-48	20MHz-10MHz	64QAM-64QAM	55340-55484	100RB#0-50RB#0	18.68	14.39	23	PAS S
48-48	20MHz-10MHz	64QAM-64QAM	55340-55484	1RB#0-0RB#0	19.19	14.9	23	PAS S
48-48	20MHz-10MHz	64QAM-64QAM	55941-56085	100RB#0-50RB#0	18.55	14.26	23	PAS S
48-48	20MHz-10MHz	64QAM-64QAM	55941-56085	1RB#0-0RB#0	18.82	14.53	23	PAS S
48-48	20MHz-10MHz	64QAM-64QAM	56541-56685	100RB#0-50RB#0	18.38	14.09	23	PAS S
48-48	20MHz-10MHz	64QAM-64QAM	56541-56685	1RB#0-0RB#0	18.76	14.47	23	PAS S
48-48	20MHz-10MHz	256QAM-256QAM	55340-55484	100RB#0-50RB#0	16.9	12.61	23	PAS S
48-48	20MHz-10MHz	256QAM-256QAM	55340-55484	1RB#0-0RB#0	16.46	12.17	23	PAS S
48-48	20MHz-10MHz	256QAM-256QAM	55941-56085	100RB#0-50RB#0	16.54	12.25	23	PAS S
48-48	20MHz-10MHz	256QAM-256QAM	55941-56085	1RB#0-0RB#0	16.11	11.82	23	PAS S
48-48	20MHz-10MHz	256QAM-256QAM	56541-56685	100RB#0-50RB#0	16.44	12.15	23	PAS S



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48- 48	20MHz- 10MHz	256QAM- 256QAM	56541- 56685	1RB#0-0RB#0	16.1	11.81	23	PAS S
48- 48	20MHz- 15MHz	QPSK-QPSK	55340- 55511	100RB#0- 75RB#0	19.78	15.49	23	PAS S
48- 48	20MHz- 15MHz	QPSK-QPSK	55340- 55511	1RB#0-0RB#0	21.4	17.11	23	PAS S
48- 48	20MHz- 15MHz	QPSK-QPSK	55916- 56087	100RB#0- 75RB#0	19.49	15.2	23	PAS S
48- 48	20MHz- 15MHz	QPSK-QPSK	55916- 56087	1RB#0-0RB#0	21.19	16.9	23	PAS S
48- 48	20MHz- 15MHz	QPSK-QPSK	56491- 56662	100RB#0- 75RB#0	19.39	15.1	23	PAS S
48- 48	20MHz- 15MHz	QPSK-QPSK	56491- 56662	1RB#0-0RB#0	20.88	16.59	23	PAS S
48- 48	20MHz- 15MHz	16QAM-16QAM	55340- 55511	100RB#0- 75RB#0	18.68	14.39	23	PAS S
48- 48	20MHz- 15MHz	16QAM-16QAM	55340- 55511	1RB#0-0RB#0	20.41	16.12	23	PAS S
48- 48	20MHz- 15MHz	16QAM-16QAM	55916- 56087	100RB#0- 75RB#0	18.42	14.13	23	PAS S
48- 48	20MHz- 15MHz	16QAM-16QAM	55916- 56087	1RB#0-0RB#0	20.19	15.9	23	PAS S
48- 48	20MHz- 15MHz	16QAM-16QAM	56491- 56662	100RB#0- 75RB#0	18.52	14.23	23	PAS S
48- 48	20MHz- 15MHz	16QAM-16QAM	56491- 56662	1RB#0-0RB#0	20.11	15.82	23	PAS S
48- 48	20MHz- 15MHz	64QAM-64QAM	55340- 55511	100RB#0- 75RB#0	18.7	14.41	23	PAS S
48- 48	20MHz- 15MHz	64QAM-64QAM	55340- 55511	1RB#0-0RB#0	19.06	14.77	23	PAS S
48- 48	20MHz- 15MHz	64QAM-64QAM	55916- 56087	100RB#0- 75RB#0	18.38	14.09	23	PAS S
48- 48	20MHz- 15MHz	64QAM-64QAM	55916- 56087	1RB#0-0RB#0	18.89	14.6	23	PAS S
48- 48	20MHz- 15MHz	64QAM-64QAM	56491- 56662	100RB#0- 75RB#0	18.36	14.07	23	PAS S



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48-48	20MHz-15MHz	256QAM-256QAM	55340-55511	100RB#0-75RB#0	16.75	12.46	23	PAS S
48-48	20MHz-15MHz	256QAM-256QAM	55340-55511	1RB#0-0RB#0	16.38	12.09	23	PAS S
48-48	20MHz-15MHz	256QAM-256QAM	55916-56087	100RB#0-75RB#0	16.39	12.1	23	PAS S
48-48	20MHz-15MHz	256QAM-256QAM	55916-56087	1RB#0-0RB#0	16.2	11.91	23	PAS S
48-48	20MHz-15MHz	256QAM-256QAM	56491-56662	100RB#0-75RB#0	16.38	12.09	23	PAS S
48-48	20MHz-15MHz	256QAM-256QAM	56491-56662	1RB#0-0RB#0	16.09	11.8	23	PAS S
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	100RB#0-100RB#0	19.56	15.27	23	PAS S
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	1RB#0-0RB#0	21.46	17.17	23	PAS S
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	19.42	15.13	23	PAS S
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	1RB#0-0RB#0	21.18	16.89	23	PAS S
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	100RB#0-100RB#0	19.45	15.16	23	PAS S
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	1RB#0-0RB#0	20.91	16.62	23	PAS S
48-48	20MHz-20MHz	16QAM-16QAM	55340-55538	100RB#0-100RB#0	18.67	14.38	23	PAS S
48-48	20MHz-20MHz	16QAM-16QAM	55340-55538	1RB#0-0RB#0	20.53	16.24	23	PAS S
48-48	20MHz-20MHz	16QAM-16QAM	55891-56089	100RB#0-100RB#0	18.43	14.14	23	PAS S
48-48	20MHz-20MHz	16QAM-16QAM	55891-56089	1RB#0-0RB#0	20.43	16.14	23	PAS S
48-48	20MHz-20MHz	16QAM-16QAM	56442-56640	100RB#0-100RB#0	18.36	14.07	23	PAS S
48-48	20MHz-20MHz	16QAM-16QAM	56442-56640	1RB#0-0RB#0	20.01	15.72	23	PAS S



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48	20MHz		56640					S
48-48	20MHz-20MHz	64QAM-64QAM	55340-55538	100RB#0-100RB#0	18.65	14.36	23	PAS S
48-48	20MHz-20MHz	64QAM-64QAM	55340-55538	1RB#0-0RB#0	19.09	14.8	23	PAS S
48-48	20MHz-20MHz	64QAM-64QAM	55891-56089	100RB#0-100RB#0	18.36	14.07	23	PAS S
48-48	20MHz-20MHz	64QAM-64QAM	55891-56089	1RB#0-0RB#0	19	14.71	23	PAS S
48-48	20MHz-20MHz	64QAM-64QAM	56442-56640	100RB#0-100RB#0	18.39	14.1	23	PAS S
48-48	20MHz-20MHz	64QAM-64QAM	56442-56640	1RB#0-0RB#0	18.9	14.61	23	PAS S
48-48	20MHz-20MHz	256QAM-256QAM	55340-55538	100RB#0-100RB#0	16.66	12.37	23	PAS S
48-48	20MHz-20MHz	256QAM-256QAM	55340-55538	1RB#0-0RB#0	16.28	11.99	23	PAS S
48-48	20MHz-20MHz	256QAM-256QAM	55891-56089	100RB#0-100RB#0	16.42	12.13	23	PAS S
48-48	20MHz-20MHz	256QAM-256QAM	55891-56089	1RB#0-0RB#0	16.09	11.8	23	PAS S
48-48	20MHz-20MHz	256QAM-256QAM	56442-56640	100RB#0-100RB#0	16.41	12.12	23	PAS S
48-48	20MHz-20MHz	256QAM-256QAM	56442-56640	1RB#0-0RB#0	15.94	11.65	23	PAS S
48-48	20MHz-5MHz	QPSK-QPSK	55340-55457	100RB#0-25RB#0	19.95	15.66	23	PAS S
48-48	20MHz-5MHz	QPSK-QPSK	55340-55457	1RB#0-0RB#0	21.99	17.7	23	PAS S
48-48	20MHz-5MHz	QPSK-QPSK	55965-56082	100RB#0-25RB#0	19.57	15.28	23	PAS S
48-48	20MHz-5MHz	QPSK-QPSK	55965-56082	1RB#0-0RB#0	21.6	17.31	23	PAS S
48-48	20MHz-5MHz	QPSK-QPSK	56590-56707	100RB#0-25RB#0	19.67	15.38	23	PAS S
48-48	20MHz-5MHz	QPSK-QPSK	56590-56707	1RB#0-0RB#0	21.41	17.12	23	PAS S



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48-48	20MHz-5MHz	16QAM-16QAM	55340-55457	100RB#0-25RB#0	18.88	14.59	23	PAS S
48-48	20MHz-5MHz	16QAM-16QAM	55340-55457	1RB#0-0RB#0	21.01	16.72	23	PAS S
48-48	20MHz-5MHz	16QAM-16QAM	55965-56082	100RB#0-25RB#0	18.65	14.36	23	PAS S
48-48	20MHz-5MHz	16QAM-16QAM	55965-56082	1RB#0-0RB#0	20.64	16.35	23	PAS S
48-48	20MHz-5MHz	16QAM-16QAM	56590-56707	100RB#0-25RB#0	18.65	14.36	23	PAS S
48-48	20MHz-5MHz	16QAM-16QAM	56590-56707	1RB#0-0RB#0	20.46	16.17	23	PAS S
48-48	20MHz-5MHz	64QAM-64QAM	55340-55457	100RB#0-25RB#0	18.87	14.58	23	PAS S
48-48	20MHz-5MHz	64QAM-64QAM	55340-55457	1RB#0-0RB#0	19.64	15.35	23	PAS S
48-48	20MHz-5MHz	64QAM-64QAM	55965-56082	100RB#0-25RB#0	18.53	14.24	23	PAS S
48-48	20MHz-5MHz	64QAM-64QAM	55965-56082	1RB#0-0RB#0	19.42	15.13	23	PAS S
48-48	20MHz-5MHz	64QAM-64QAM	56590-56707	100RB#0-25RB#0	18.67	14.38	23	PAS S
48-48	20MHz-5MHz	64QAM-64QAM	56590-56707	1RB#0-0RB#0	19.27	14.98	23	PAS S
48-48	20MHz-5MHz	256QAM-256QAM	55340-55457	100RB#0-25RB#0	16.96	12.67	23	PAS S
48-48	20MHz-5MHz	256QAM-256QAM	55340-55457	1RB#0-0RB#0	16.68	12.39	23	PAS S
48-48	20MHz-5MHz	256QAM-256QAM	55965-56082	100RB#0-25RB#0	16.43	12.14	23	PAS S
48-48	20MHz-5MHz	256QAM-256QAM	55965-56082	1RB#0-0RB#0	16.53	12.24	23	PAS S
48-48	20MHz-5MHz	256QAM-256QAM	56590-56707	100RB#0-25RB#0	16.58	12.29	23	PAS S
48-48	20MHz-5MHz	256QAM-256QAM	56590-56707	1RB#0-0RB#0	16.54	12.25	23	PAS S
48-	5MHz-20MHz	QPSK-QPSK	55273-	1RB#0-0RB#0	21.58	17.29	23	PAS



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48			55390					S
48-48	5MHz-20MHz	QPSK-QPSK	55273-55390	25RB#0-100RB#0	19.85	15.56	23	PAS S
48-48	5MHz-20MHz	QPSK-QPSK	55898-56015	1RB#0-0RB#0	21.04	16.75	23	PAS S
48-48	5MHz-20MHz	QPSK-QPSK	55898-56015	25RB#0-100RB#0	19.64	15.35	23	PAS S
48-48	5MHz-20MHz	QPSK-QPSK	56523-56640	1RB#0-0RB#0	21.21	16.92	23	PAS S
48-48	5MHz-20MHz	QPSK-QPSK	56523-56640	25RB#0-100RB#0	19.64	15.35	23	PAS S
48-48	5MHz-20MHz	16QAM-16QAM	55273-55390	1RB#0-0RB#0	20.54	16.25	23	PAS S
48-48	5MHz-20MHz	16QAM-16QAM	55273-55390	25RB#0-100RB#0	18.89	14.6	23	PAS S
48-48	5MHz-20MHz	16QAM-16QAM	55898-56015	1RB#0-0RB#0	20.22	15.93	23	PAS S
48-48	5MHz-20MHz	16QAM-16QAM	55898-56015	25RB#0-100RB#0	18.7	14.41	23	PAS S
48-48	5MHz-20MHz	16QAM-16QAM	56523-56640	1RB#0-0RB#0	20.29	16	23	PAS S
48-48	5MHz-20MHz	16QAM-16QAM	56523-56640	25RB#0-100RB#0	18.67	14.38	23	PAS S
48-48	5MHz-20MHz	64QAM-64QAM	55273-55390	1RB#0-0RB#0	19.26	14.97	23	PAS S
48-48	5MHz-20MHz	64QAM-64QAM	55273-55390	25RB#0-100RB#0	18.83	14.54	23	PAS S
48-48	5MHz-20MHz	64QAM-64QAM	55898-56015	1RB#0-0RB#0	18.86	14.57	23	PAS S
48-48	5MHz-20MHz	64QAM-64QAM	55898-56015	25RB#0-100RB#0	18.6	14.31	23	PAS S
48-48	5MHz-20MHz	64QAM-64QAM	56523-56640	1RB#0-0RB#0	18.99	14.7	23	PAS S
48-48	5MHz-20MHz	64QAM-64QAM	56523-56640	25RB#0-100RB#0	18.76	14.47	23	PAS S
48-48	5MHz-20MHz	256QAM-256QAM	55273-55390	1RB#0-0RB#0	16.42	12.13	23	PAS S



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48-48	5MHz-20MHz	256QAM-256QAM	55273-55390	25RB#0-100RB#0	16.92	12.63	23	PAS S
48-48	5MHz-20MHz	256QAM-256QAM	55898-56015	1RB#0-0RB#0	15.99	11.7	23	PAS S
48-48	5MHz-20MHz	256QAM-256QAM	55898-56015	25RB#0-100RB#0	16.63	12.34	23	PAS S
48-48	5MHz-20MHz	256QAM-256QAM	56523-56640	1RB#0-0RB#0	16.16	11.87	23	PAS S
48-48	5MHz-20MHz	256QAM-256QAM	56523-56640	25RB#0-100RB#0	16.8	12.51	23	PAS S



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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	100RB#0-100RB#0	8.54	13	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	8.56	13	PASS
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	100RB#0-100RB#0	8.60	13	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55340-55538	100RB#0-100RB#0	9.34	13	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55891-56089	100RB#0-100RB#0	9.42	13	PASS
48-48	20MHz-20MHz	16QAM-16QAM	56442-56640	100RB#0-100RB#0	9.32	13	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55340-55538	100RB#0-100RB#0	9.72	13	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55891-56089	100RB#0-100RB#0	9.74	13	PASS
48-48	20MHz-20MHz	64QAM-64QAM	56442-56640	100RB#0-100RB#0	9.78	13	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55340-55538	100RB#0-100RB#0	9.82	13	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55891-56089	100RB#0-100RB#0	9.90	13	PASS
48-48	20MHz-20MHz	256QAM-256QAM	56442-56640	100RB#0-100RB#0	9.94	13	PASS



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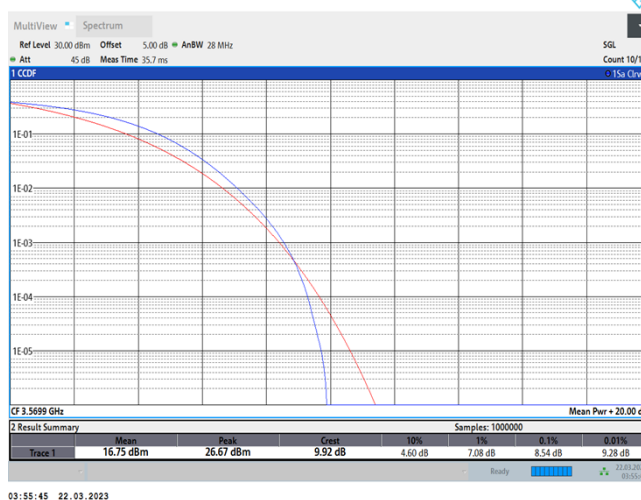
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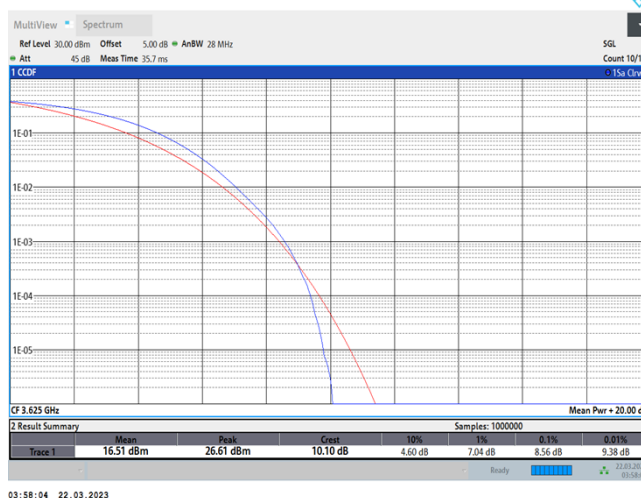
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Test Graphs

48-48-20MHz-20MHz-QPSK-QPSK-55340-55538-100RB#0-100RB#0



48-48-20MHz-20MHz-QPSK-QPSK-55891-56089-100RB#0-100RB#0



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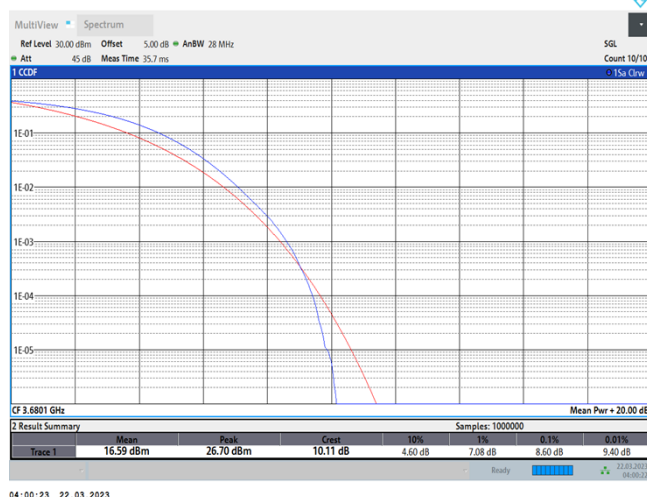
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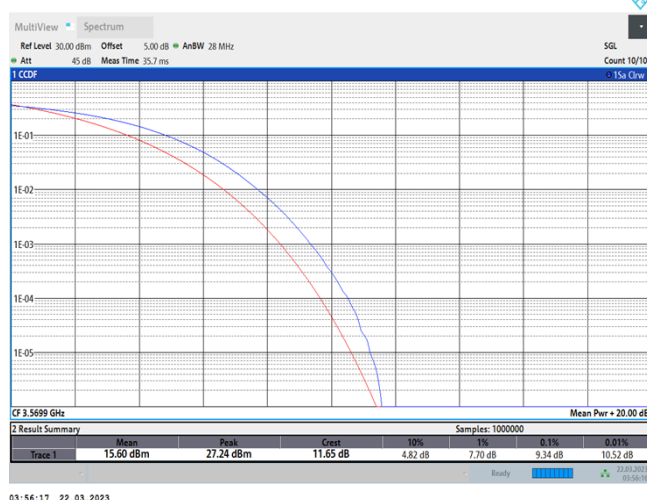
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48-48-20MHz-20MHz-QPSK-QPSK-56442-56640-100RB#0-100RB#0



48-48-20MHz-20MHz-16QAM-16QAM-55340-55538-100RB#0-100RB#0



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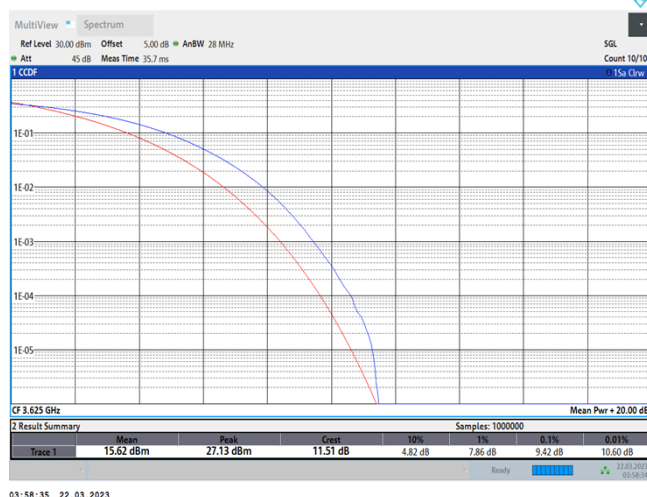
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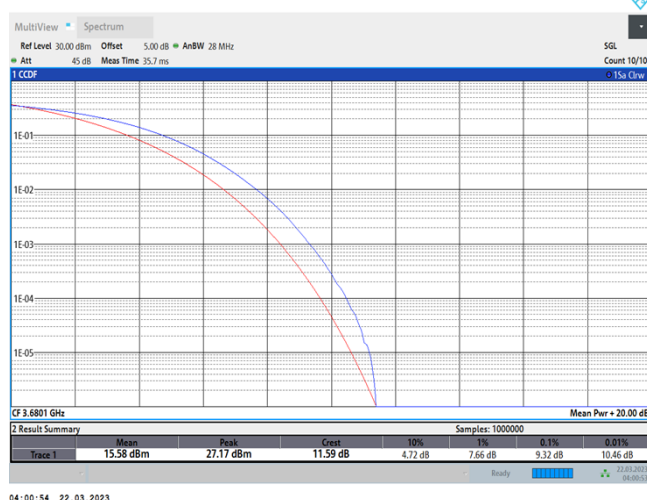
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48-48-20MHz-20MHz-16QAM-16QAM-55891-56089-100RB#0-100RB#0



48-48-20MHz-20MHz-16QAM-16QAM-56442-56640-100RB#0-100RB#0



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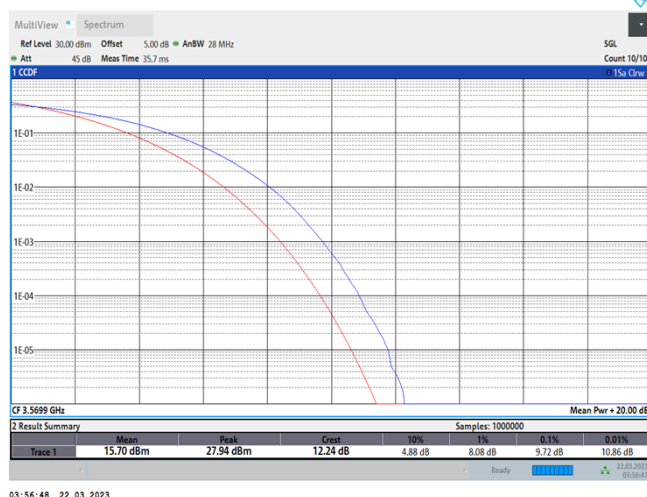
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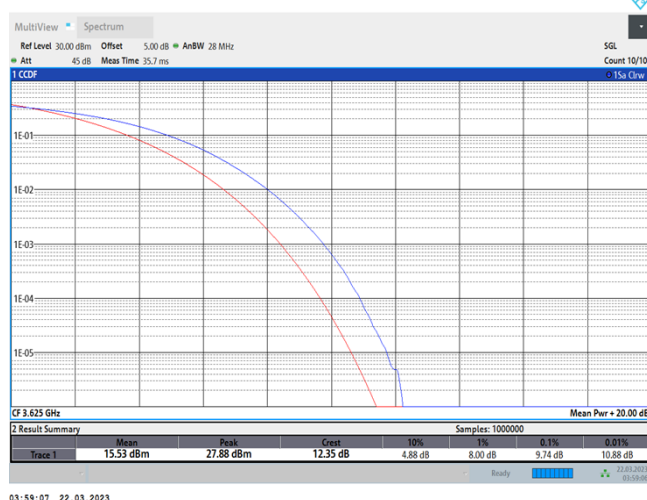
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48-48-20MHz-20MHz-64QAM-64QAM-55340-55538-100RB#0-100RB#0



48-48-20MHz-20MHz-64QAM-64QAM-55891-56089-100RB#0-100RB#0



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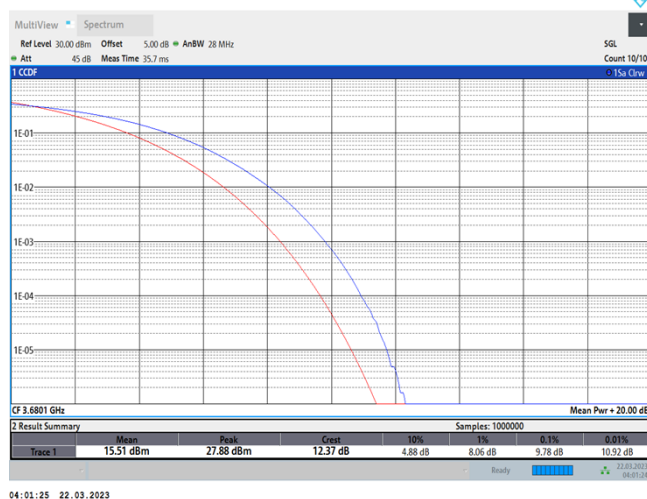
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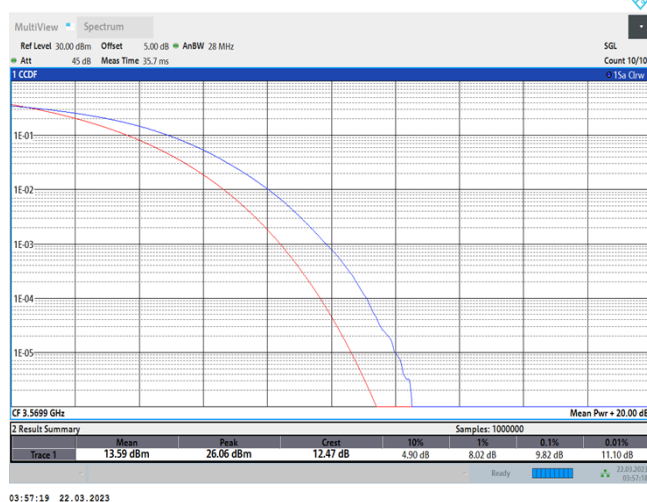
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48-48-20MHz-20MHz-64QAM-64QAM-56442-56640-100RB#0-100RB#0



48-48-20MHz-20MHz-256QAM-256QAM-55340-55538-100RB#0-100RB#0



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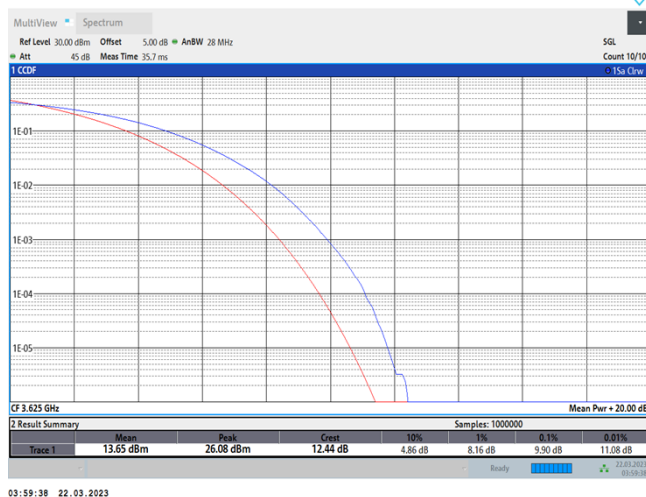
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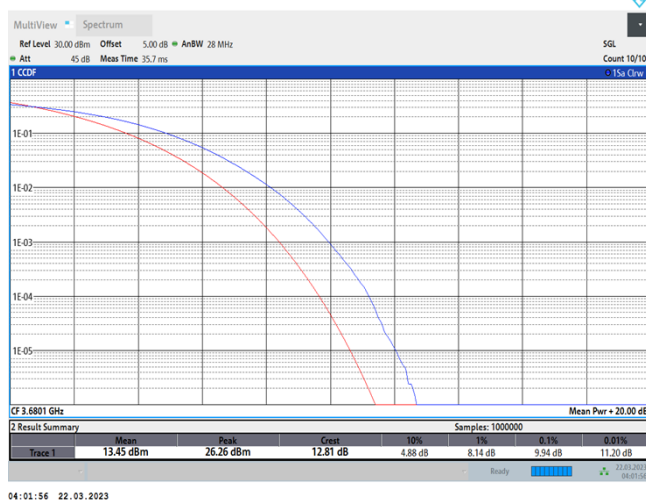
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48-48-20MHz-20MHz-256QAM-256QAM-55891-56089-100RB#0-100RB#0



48-48-20MHz-20MHz-256QAM-256QAM-56442-56640-100RB#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
48-48	10MHz-20MHz	QPSK-QPSK	55295-55439	50RB#0-100RB#0	27.626	29.08	PASS
48-48	10MHz-20MHz	QPSK-QPSK	55896-56040	50RB#0-100RB#0	27.644	29.08	PASS
48-48	10MHz-20MHz	QPSK-QPSK	56496-56640	50RB#0-100RB#0	27.665	29.08	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55295-55439	50RB#0-100RB#0	27.654	29.08	PASS
48-48	10MHz-20MHz	16QAM-16QAM	55896-56040	50RB#0-100RB#0	27.648	29.08	PASS
48-48	10MHz-20MHz	16QAM-16QAM	56496-56640	50RB#0-100RB#0	27.659	29.08	PASS
48-48	10MHz-20MHz	64QAM-64QAM	55295-55439	50RB#0-100RB#0	27.646	29.08	PASS
48-48	10MHz-20MHz	64QAM-64QAM	55896-56040	50RB#0-100RB#0	27.65	29.08	PASS
48-48	10MHz-20MHz	64QAM-64QAM	56496-56640	50RB#0-100RB#0	27.668	29.08	PASS
48-48	10MHz-20MHz	256QAM-256QAM	55295-55439	50RB#0-100RB#0	27.626	29.08	PASS
48-48	10MHz-20MHz	256QAM-256QAM	55896-56040	50RB#0-100RB#0	27.64	29.08	PASS
48-48	10MHz-20MHz	256QAM-256QAM	56496-56640	50RB#0-100RB#0	27.645	29.08	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55318-55489	75RB#0-100RB#0	32.541	34.17	PASS
48-48	15MHz-20MHz	QPSK-QPSK	55893-56064	75RB#0-100RB#0	32.533	34.17	PASS
48-48	15MHz-20MHz	QPSK-QPSK	56469-56640	75RB#0-100RB#0	32.532	34.17	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55318-55489	75RB#0-100RB#0	32.546	34.17	PASS
48-48	15MHz-20MHz	16QAM-16QAM	55893-56064	75RB#0-100RB#0	32.554	34.17	PASS
48-48	15MHz-20MHz	16QAM-16QAM	56469-56640	75RB#0-100RB#0	32.542	34.17	PASS
48-48	15MHz-20MHz	64QAM-64QAM	55318-55489	75RB#0-100RB#0	32.549	34.17	PASS
48-48	15MHz-20MHz	64QAM-64QAM	55893-56064	75RB#0-100RB#0	32.525	34.17	PASS
48-48	15MHz-20MHz	64QAM-64QAM	56469-56640	75RB#0-100RB#0	32.553	34.17	PASS
48-48	15MHz-20MHz	256QAM-256QAM	55318-55489	75RB#0-100RB#0	32.517	34.17	PASS
48-48	15MHz-20MHz	256QAM-256QAM	55893-56064	75RB#0-100RB#0	32.549	34.08	PASS
48-48	15MHz-20MHz	256QAM-256QAM	56469-56640	75RB#0-100RB#0	32.529	34.17	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55340-55484	100RB#0-50RB#0	27.716	29.17	PASS
48-48	20MHz-10MHz	QPSK-QPSK	55941-56085	100RB#0-50RB#0	27.701	29.17	PASS
48-48	20MHz-10MHz	QPSK-QPSK	56541-56685	100RB#0-50RB#0	27.708	29.17	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55340-55484	100RB#0-50RB#0	27.708	29.25	PASS
48-48	20MHz-10MHz	16QAM-16QAM	55941-56085	100RB#0-50RB#0	27.727	29.17	PASS



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48-48	20MHz-10MHz	16QAM-16QAM	56541-56685	100RB#0-50RB#0	27.711	29.17	PASS
48-48	20MHz-10MHz	64QAM-64QAM	55340-55484	100RB#0-50RB#0	27.714	29.17	PASS
48-48	20MHz-10MHz	64QAM-64QAM	55941-56085	100RB#0-50RB#0	27.708	29.17	PASS
48-48	20MHz-10MHz	64QAM-64QAM	56541-56685	100RB#0-50RB#0	27.696	29.17	PASS
48-48	20MHz-10MHz	256QAM-256QAM	55340-55484	100RB#0-50RB#0	27.699	29.17	PASS
48-48	20MHz-10MHz	256QAM-256QAM	55941-56085	100RB#0-50RB#0	27.707	29.17	PASS
48-48	20MHz-10MHz	256QAM-256QAM	56541-56685	100RB#0-50RB#0	27.695	29.17	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55340-55511	100RB#0-75RB#0	32.571	34.08	PASS
48-48	20MHz-15MHz	QPSK-QPSK	55916-56087	100RB#0-75RB#0	32.57	34.08	PASS
48-48	20MHz-15MHz	QPSK-QPSK	56491-56662	100RB#0-75RB#0	32.578	34.08	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55340-55511	100RB#0-75RB#0	32.577	34.17	PASS
48-48	20MHz-15MHz	16QAM-16QAM	55916-56087	100RB#0-75RB#0	32.552	34.17	PASS
48-48	20MHz-15MHz	16QAM-16QAM	56491-56662	100RB#0-75RB#0	32.577	34.17	PASS
48-48	20MHz-15MHz	64QAM-64QAM	55340-55511	100RB#0-75RB#0	32.585	34.17	PASS
48-48	20MHz-15MHz	64QAM-64QAM	55916-56087	100RB#0-75RB#0	32.576	34.17	PASS
48-48	20MHz-15MHz	64QAM-64QAM	56491-56662	100RB#0-75RB#0	32.588	34.08	PASS
48-48	20MHz-15MHz	256QAM-256QAM	55340-55511	100RB#0-75RB#0	32.555	34.17	PASS
48-48	20MHz-15MHz	256QAM-256QAM	55916-56087	100RB#0-75RB#0	32.568	34.17	PASS
48-48	20MHz-15MHz	256QAM-256QAM	56491-56662	100RB#0-75RB#0	32.543	34.08	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55340-55538	100RB#0-100RB#0	37.649	40.13	PASS
48-48	20MHz-20MHz	QPSK-QPSK	55891-56089	100RB#0-100RB#0	37.664	40.27	PASS
48-48	20MHz-20MHz	QPSK-QPSK	56442-56640	100RB#0-100RB#0	37.66	40.27	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55340-55538	100RB#0-100RB#0	37.663	40.13	PASS
48-48	20MHz-20MHz	16QAM-16QAM	55891-56089	100RB#0-100RB#0	37.662	40.27	PASS
48-48	20MHz-20MHz	16QAM-16QAM	56442-56640	100RB#0-100RB#0	37.703	40.27	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55340-55538	100RB#0-100RB#0	37.65	40.27	PASS
48-48	20MHz-20MHz	64QAM-64QAM	55891-56089	100RB#0-100RB#0	37.677	40.13	PASS
48-48	20MHz-20MHz	64QAM-64QAM	56442-56640	100RB#0-100RB#0	37.662	40.27	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55340-55538	100RB#0-100RB#0	37.641	40.27	PASS
48-48	20MHz-20MHz	256QAM-256QAM	55891-56089	100RB#0-100RB#0	37.622	40.13	PASS
48-48	20MHz-20MHz	256QAM-256QAM	56442-56640	100RB#0-100RB#0	37.639	40.13	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55340-55457	100RB#0-25RB#0	22.885	24.17	PASS
48-48	20MHz-5MHz	QPSK-QPSK	55965-56082	100RB#0-25RB#0	22.88	24.17	PASS
48-48	20MHz-5MHz	QPSK-QPSK	56590-56707	100RB#0-25RB#0	22.889	24.17	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55340-55457	100RB#0-25RB#0	22.914	24.17	PASS
48-48	20MHz-5MHz	16QAM-16QAM	55965-56082	100RB#0-25RB#0	22.894	24.25	PASS
48-48	20MHz-5MHz	16QAM-16QAM	56590-56707	100RB#0-25RB#0	22.892	24.17	PASS



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48-48	20MHz-5MHz	64QAM-64QAM	55340-55457	100RB#0-25RB#0	22.898	24.25	PASS
48-48	20MHz-5MHz	64QAM-64QAM	55965-56082	100RB#0-25RB#0	22.896	24.25	PASS
48-48	20MHz-5MHz	64QAM-64QAM	56590-56707	100RB#0-25RB#0	22.901	24.25	PASS
48-48	20MHz-5MHz	256QAM-256QAM	55340-55457	100RB#0-25RB#0	22.887	24.17	PASS
48-48	20MHz-5MHz	256QAM-256QAM	55965-56082	100RB#0-25RB#0	22.871	24.17	PASS
48-48	20MHz-5MHz	256QAM-256QAM	56590-56707	100RB#0-25RB#0	22.891	24.17	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55273-55390	25RB#0-100RB#0	22.854	24.08	PASS
48-48	5MHz-20MHz	QPSK-QPSK	55898-56015	25RB#0-100RB#0	22.874	24.08	PASS
48-48	5MHz-20MHz	QPSK-QPSK	56523-56640	25RB#0-100RB#0	22.875	24.08	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55273-55390	25RB#0-100RB#0	22.852	24.08	PASS
48-48	5MHz-20MHz	16QAM-16QAM	55898-56015	25RB#0-100RB#0	22.867	24.08	PASS
48-48	5MHz-20MHz	16QAM-16QAM	56523-56640	25RB#0-100RB#0	22.861	24.17	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55273-55390	25RB#0-100RB#0	22.873	24.17	PASS
48-48	5MHz-20MHz	64QAM-64QAM	55898-56015	25RB#0-100RB#0	22.852	24.08	PASS
48-48	5MHz-20MHz	64QAM-64QAM	56523-56640	25RB#0-100RB#0	22.876	24.17	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55273-55390	25RB#0-100RB#0	22.824	24.17	PASS
48-48	5MHz-20MHz	256QAM-256QAM	55898-56015	25RB#0-100RB#0	22.844	24.08	PASS
48-48	5MHz-20MHz	256QAM-256QAM	56523-56640	25RB#0-100RB#0	22.835	24.08	PASS



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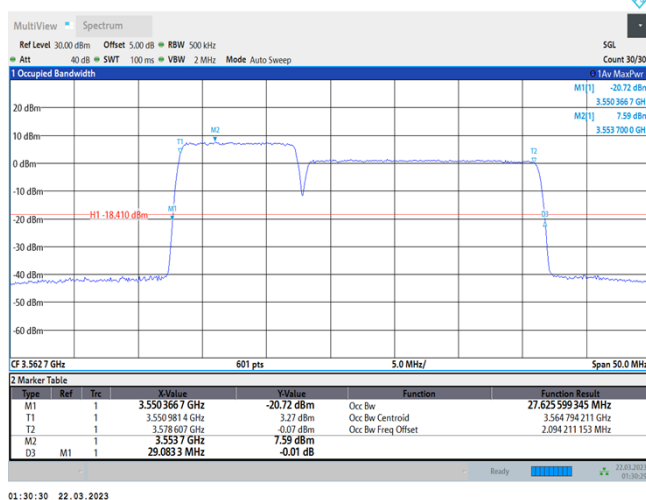
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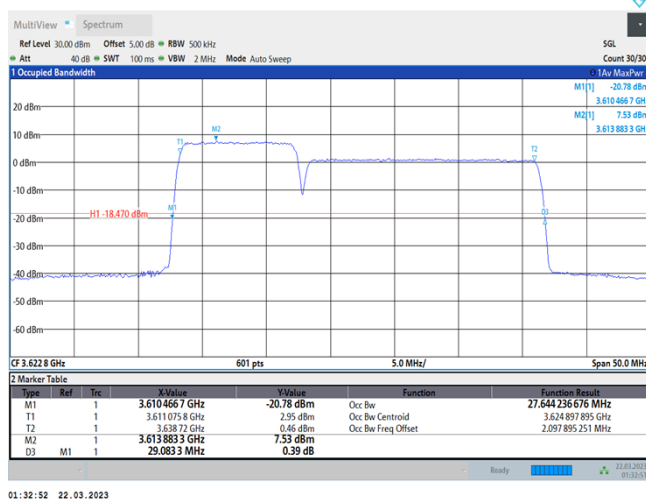
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Test Graphs

48-48-10MHz-20MHz-QPSK-QPSK-55295-55439-50RB#0-100RB#0



48-48-10MHz-20MHz-QPSK-QPSK-55896-56040-50RB#0-100RB#0



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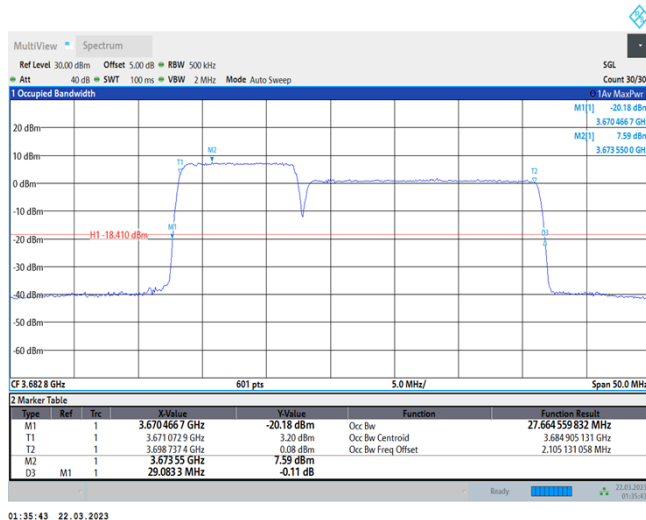
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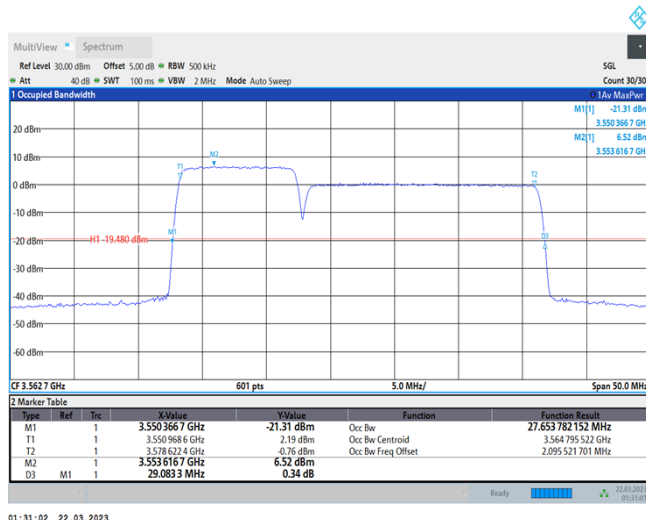
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48-48-10MHz-20MHz-QPSK-QPSK-56496-56640-50RB#0-100RB#0



01:35:43 22.03.2023

48-48-10MHz-20MHz-16QAM-16QAM-55295-55439-50RB#0-100RB#0



01:31:02 22.03.2023



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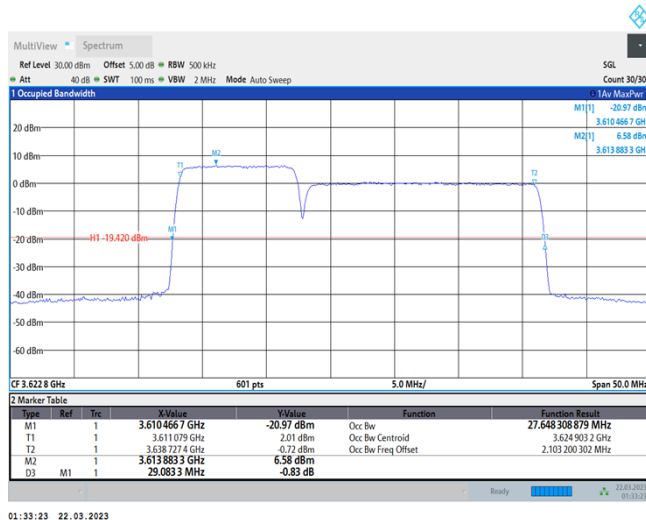
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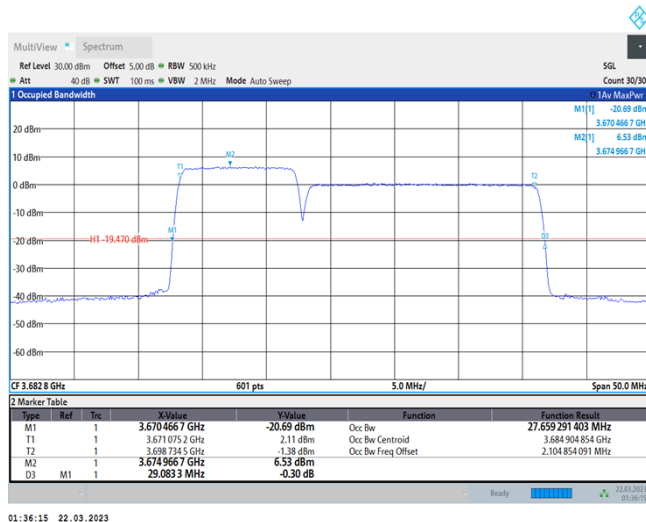
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48-48-10MHz-20MHz-16QAM-16QAM-56496-56640-50RB#0-100RB#0



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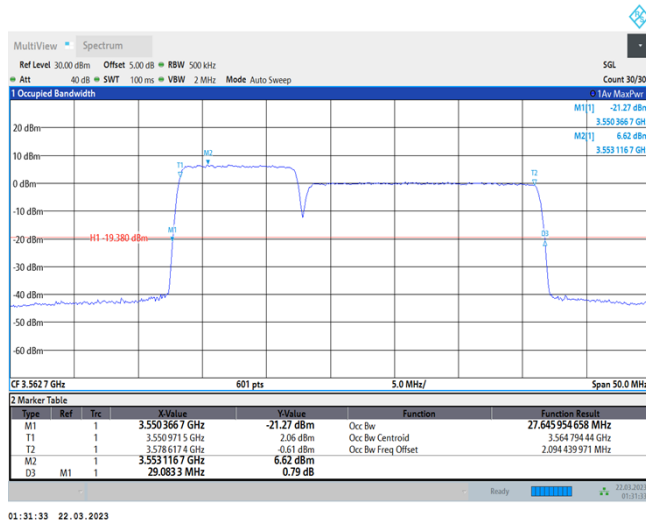
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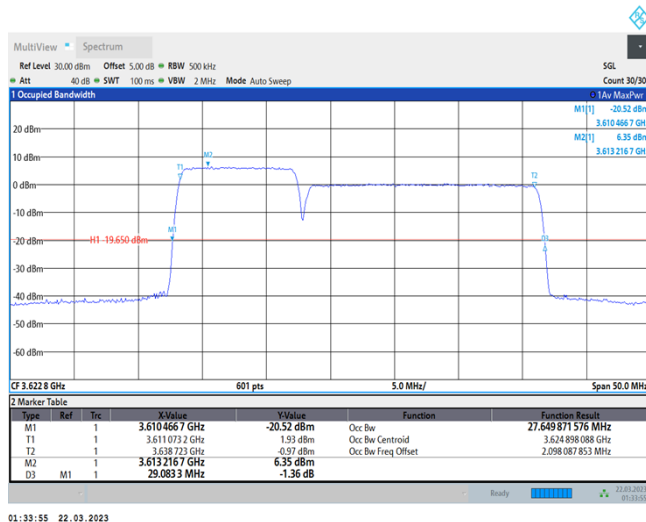
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48-48-10MHz-20MHz-64QAM-64QAM-55896-56040-50RB#0-100RB#0



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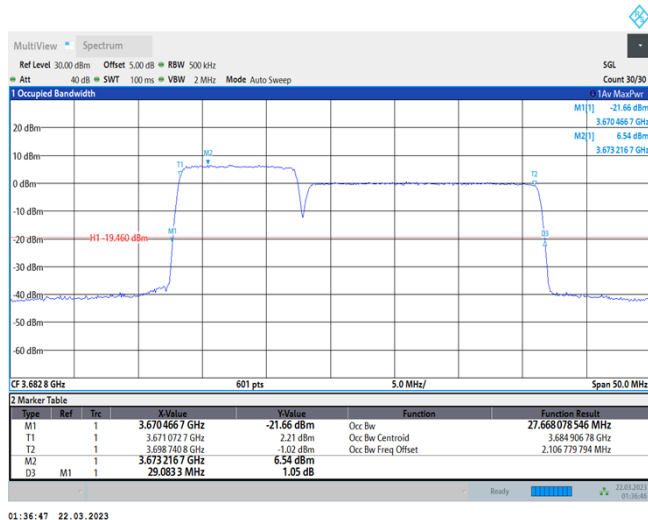
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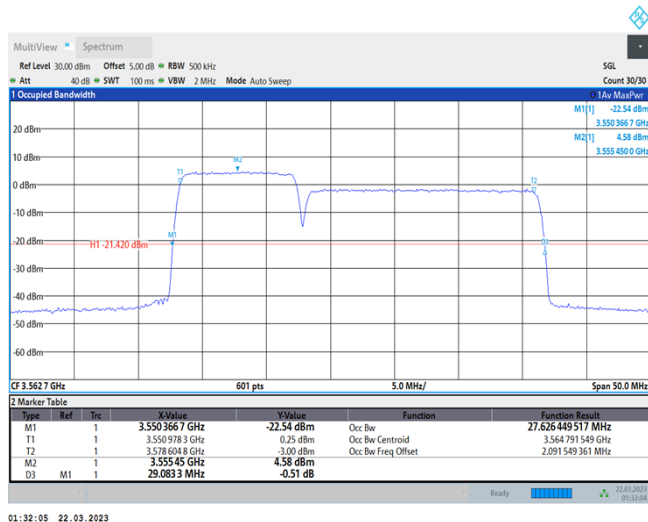
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48-48-10MHz-20MHz-256QAM-256QAM-55295-55439-50RB#0-100RB#0



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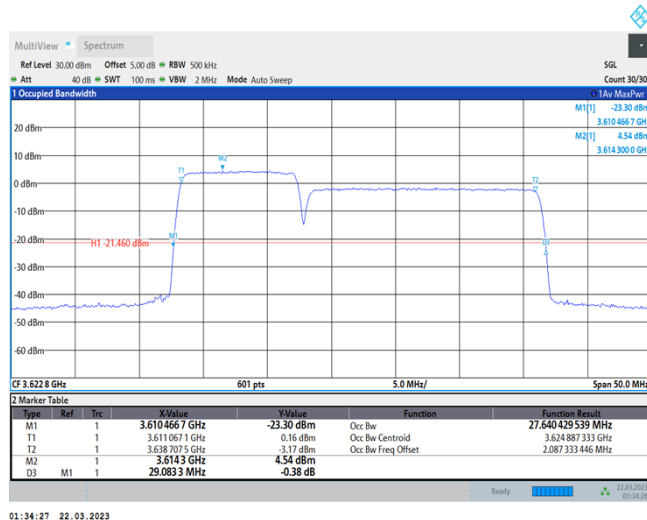
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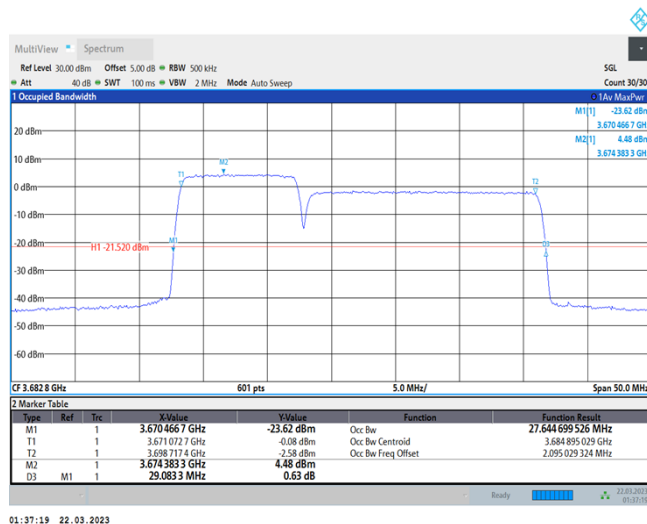
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48-48-10MHz-20MHz-256QAM-256QAM-56496-56640-50RB#0-100RB#0



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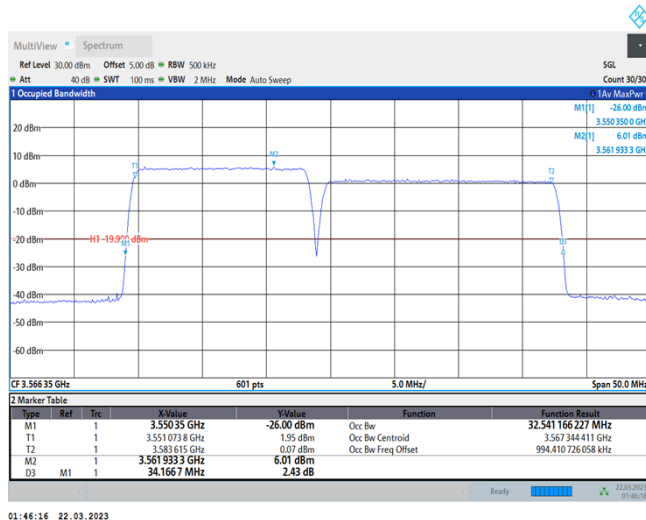
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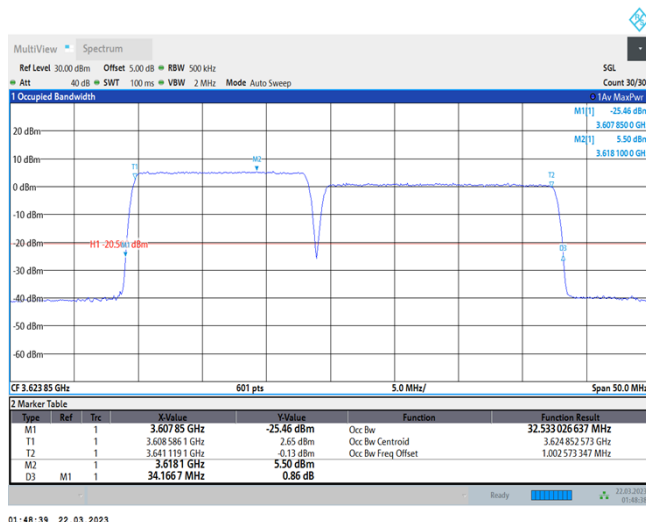
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48-48-15MHz-20MHz-QPSK-QPSK-55893-56064-75RB#0-100RB#0



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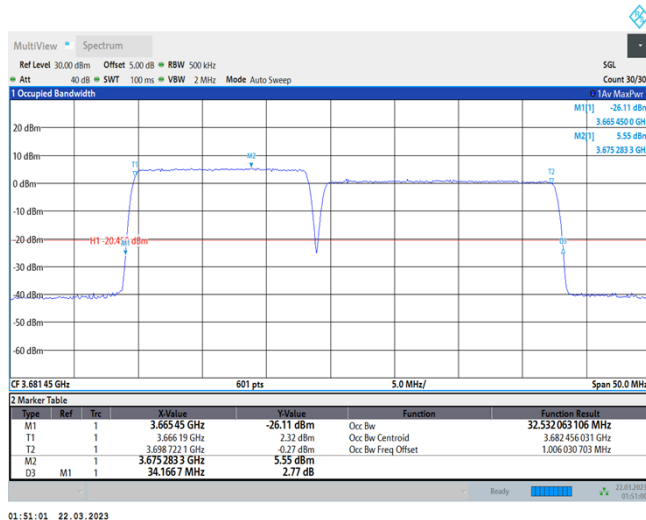
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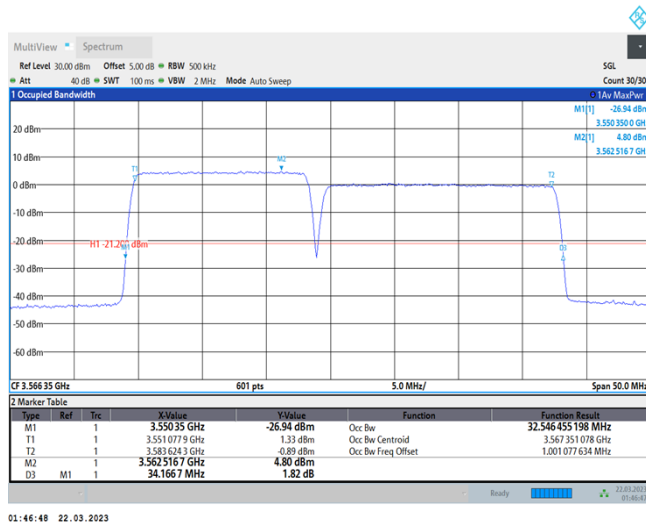
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48-48-15MHz-20MHz-16QAM-16QAM-55318-55489-75RB#0-100RB#0



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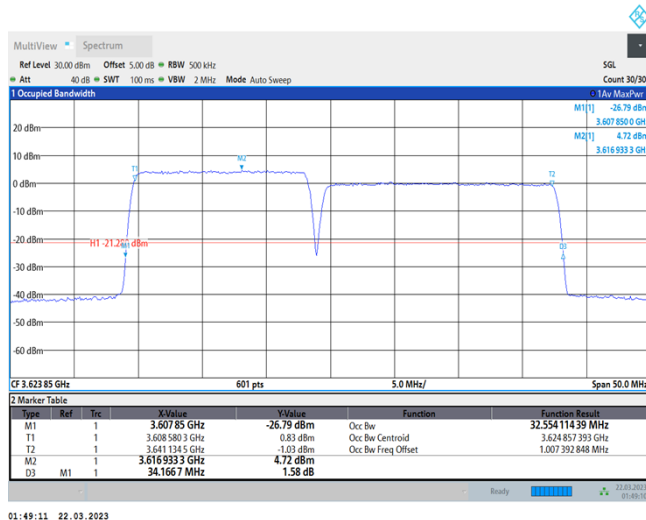
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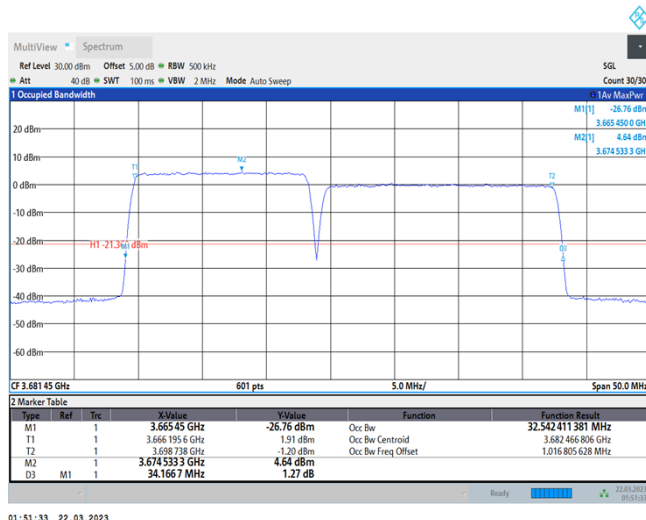
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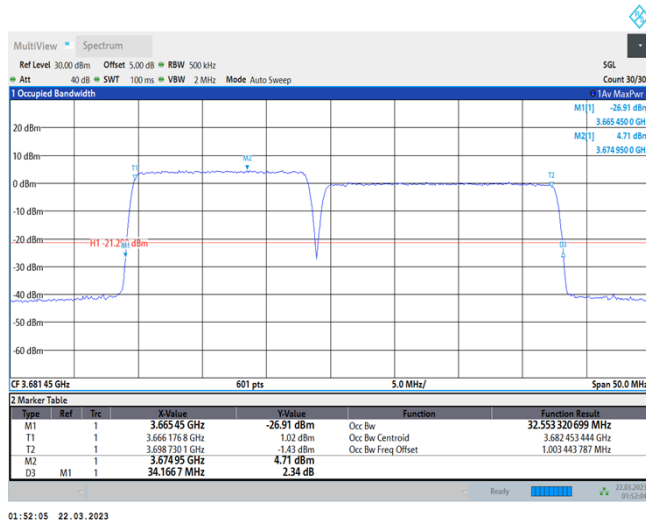
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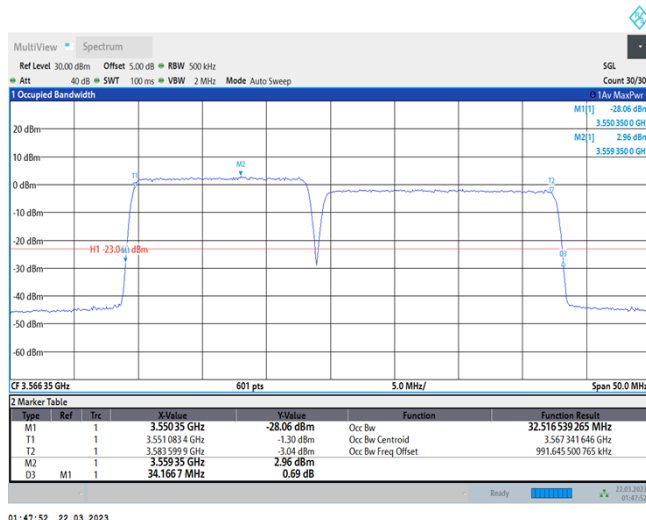
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48-48-15MHz-20MHz-64QAM-64QAM-56469-56640-75RB#0-100RB#0



01:52:05 22.03.2023

48-48-15MHz-20MHz-256QAM-256QAM-55318-55489-75RB#0-100RB#0



01:47:52 22.03.2023



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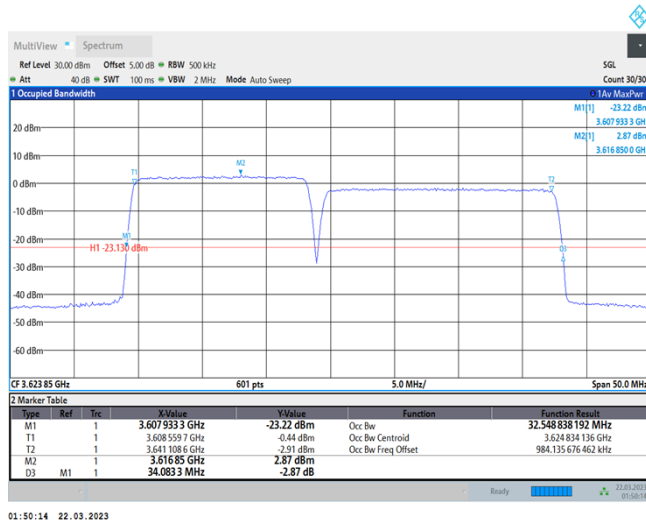
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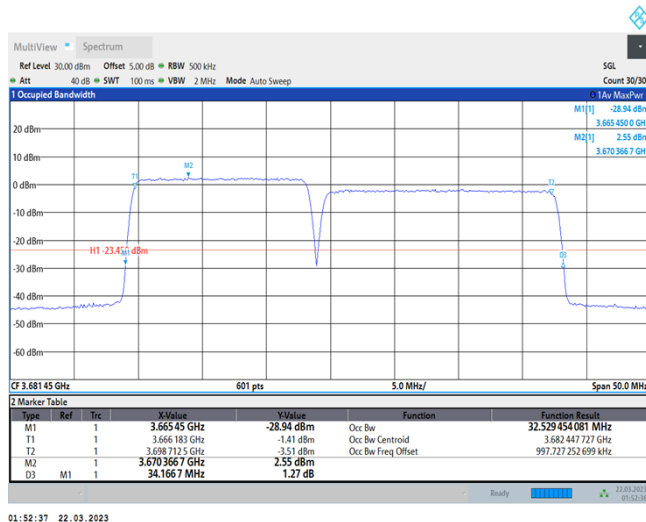
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48-48-15MHz-20MHz-256QAM-256QAM-55893-56064-75RB#0-100RB#0



48-48-15MHz-20MHz-256QAM-256QAM-56469-56640-75RB#0-100RB#0



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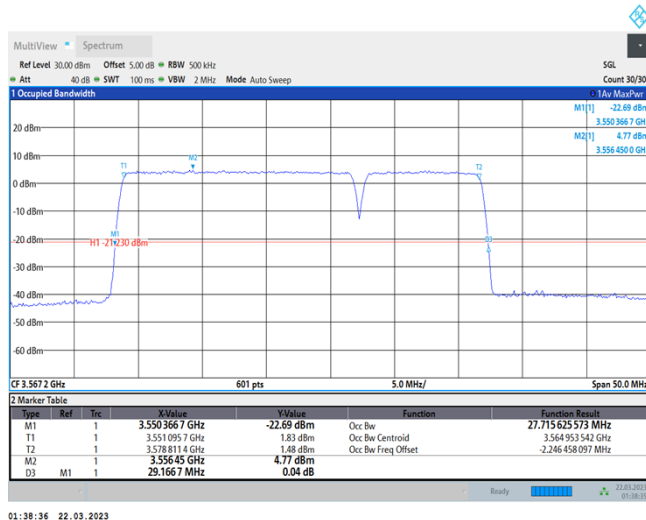
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48-48-20MHz-10MHz-QPSK-QPSK-55941-56085-100RB#0-50RB#0



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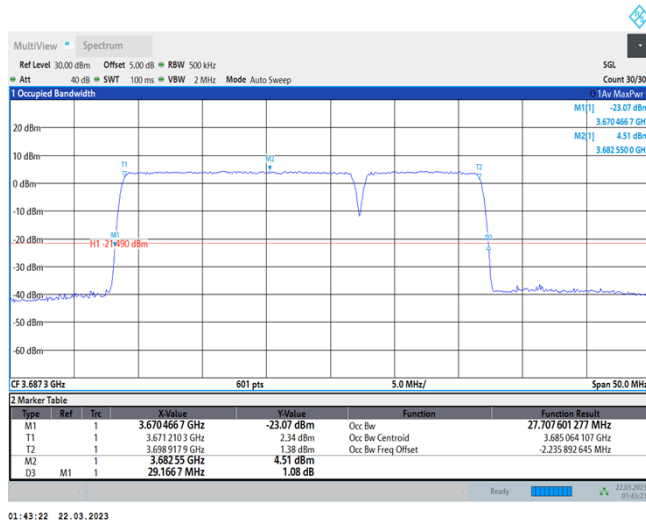
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48-48-20MHz-10MHz-16QAM-16QAM-55340-55484-100RB#0-50RB#0



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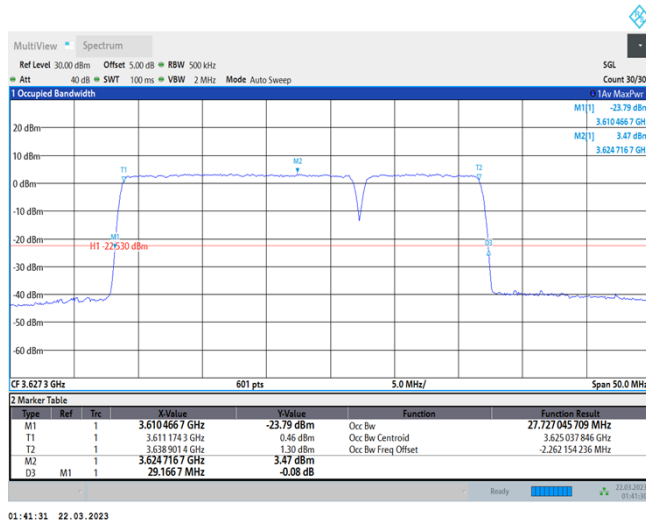
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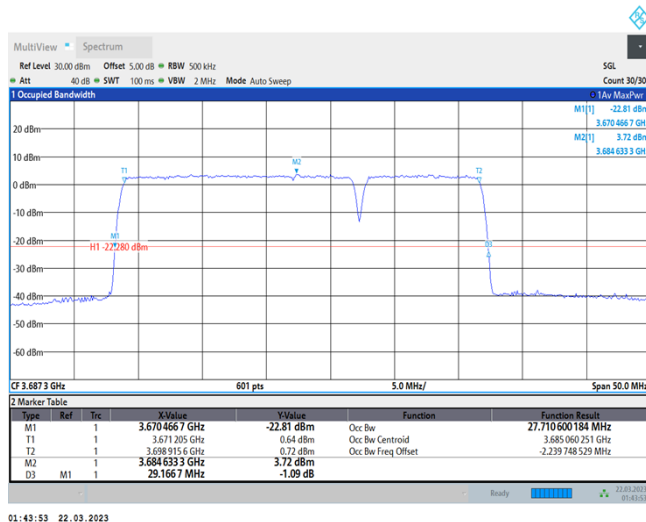
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48-48-20MHz-10MHz-16QAM-16QAM-56541-56685-100RB#0-50RB#0



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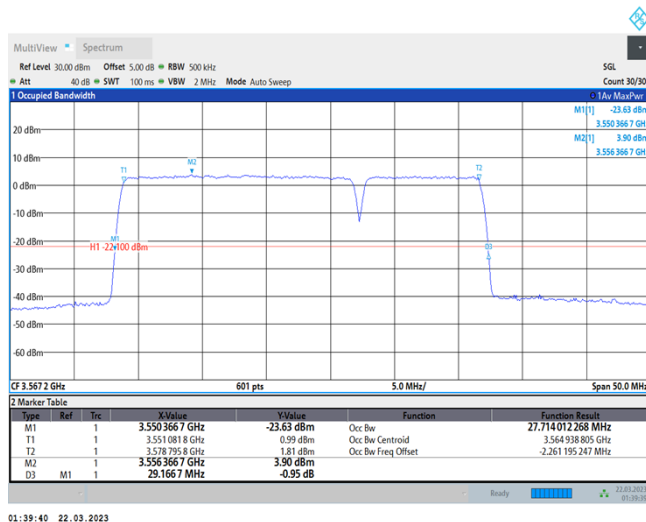
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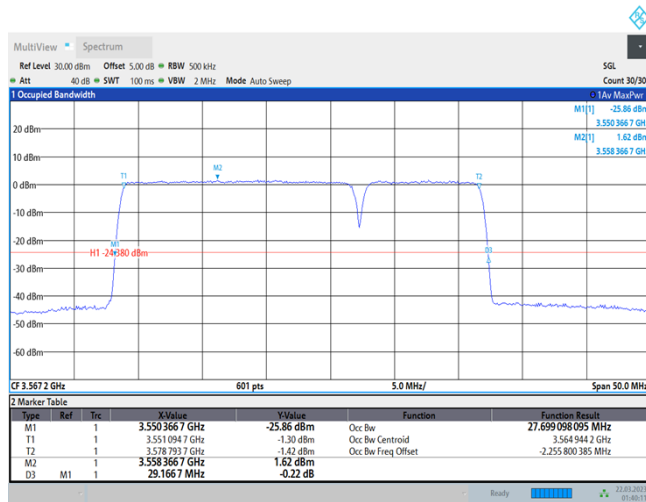
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48-48-20MHz-10MHz-256QAM-256QAM-55340-55484-100RB#0-50RB#0



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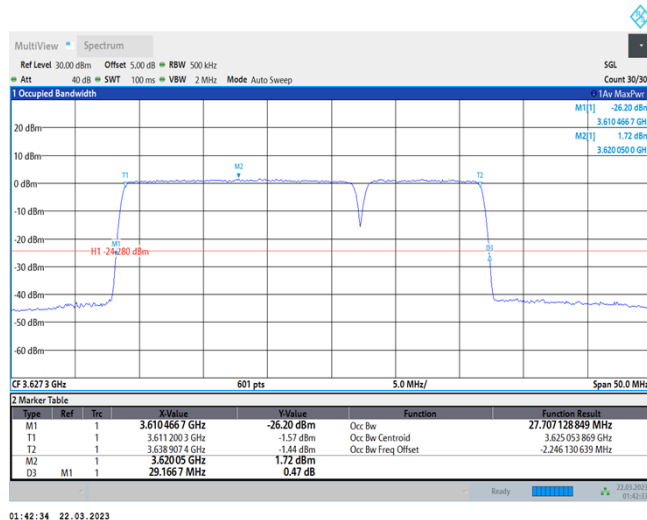
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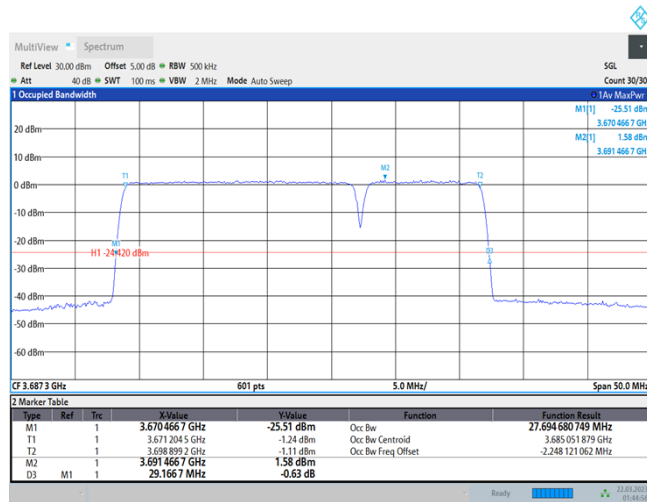
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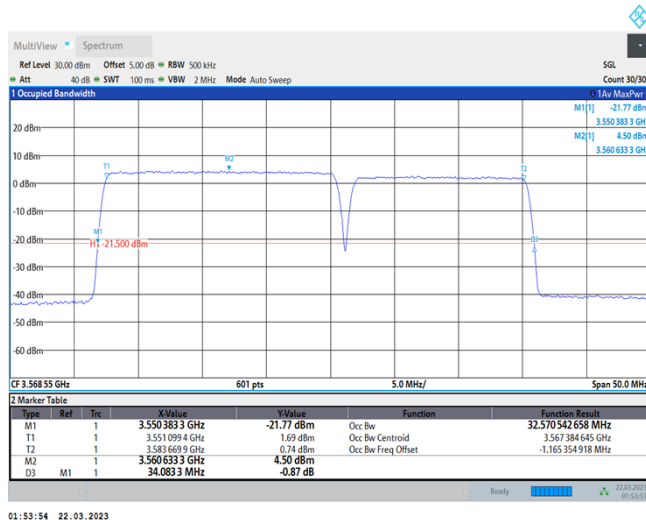
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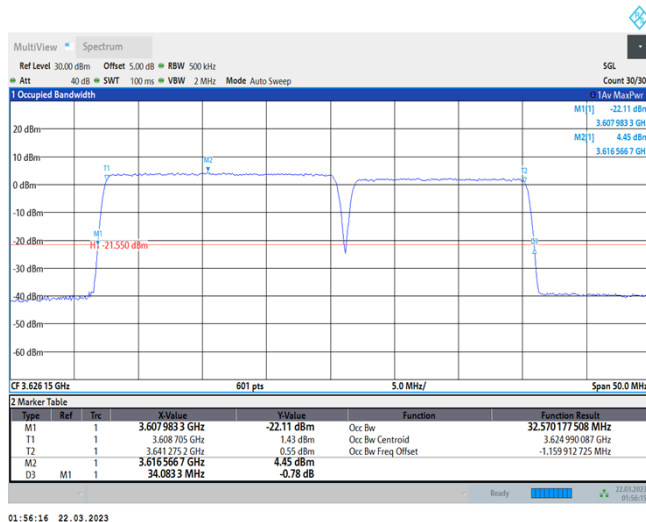
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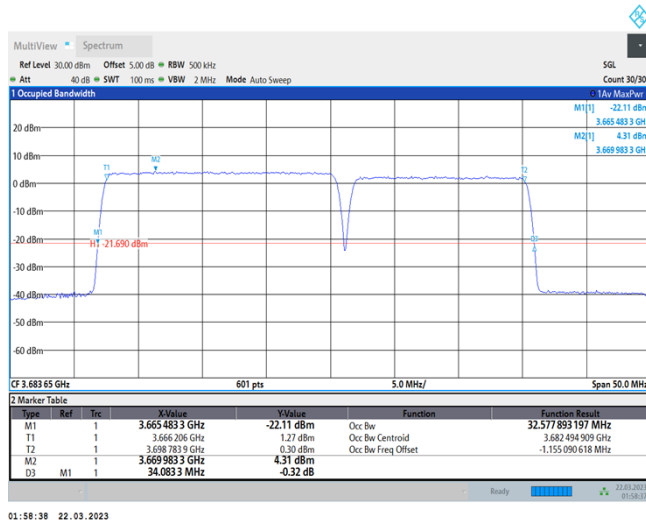
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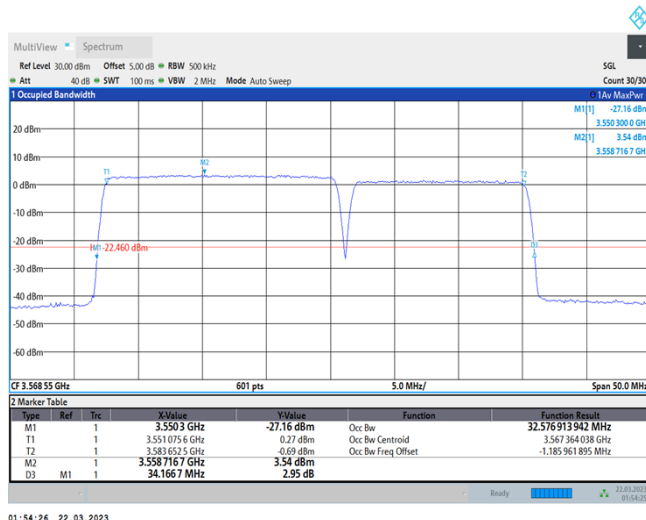
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