



Appendix B

E-UTRA Band CA_2A-66A



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1 Effective (Isotropic) Radiated Power Output Data

1.1.1 Max Power Test Result for LTE Band CA_2A-66A

PCC

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted	EIRP (dBm)	Limit (dBm)	Verdict
Band2	15MHz	QPSK	18675	1RB#0	22.28	26.28	33	PASS
Band2	15MHz	QPSK	18675	1RB#38	21.99	25.99	33	PASS
Band2	15MHz	QPSK	18675	1RB#74	22.47	26.47	33	PASS
Band2	15MHz	QPSK	18675	36RB#39	21.24	25.24	33	PASS
Band2	15MHz	QPSK	18675	36RB#18	21.31	25.31	33	PASS
Band2	15MHz	QPSK	18675	36RB#0	21.47	25.47	33	PASS
Band2	15MHz	QPSK	18675	75RB#0	21.40	25.40	33	PASS
Band2	15MHz	QPSK	18900	1RB#74	22.20	26.20	33	PASS
Band2	15MHz	QPSK	18900	1RB#0	22.02	26.02	33	PASS
Band2	15MHz	QPSK	18900	1RB#38	22.20	26.20	33	PASS
Band2	15MHz	QPSK	18900	36RB#0	21.25	25.25	33	PASS
Band2	15MHz	QPSK	18900	36RB#39	21.26	25.26	33	PASS
Band2	15MHz	QPSK	18900	36RB#18	21.12	25.12	33	PASS
Band2	15MHz	QPSK	18900	75RB#0	21.10	25.10	33	PASS
Band2	15MHz	QPSK	19125	1RB#38	21.90	25.90	33	PASS
Band2	15MHz	QPSK	19125	1RB#0	21.94	25.94	33	PASS
Band2	15MHz	QPSK	19125	1RB#74	22.14	26.14	33	PASS
Band2	15MHz	QPSK	19125	36RB#39	21.25	25.25	33	PASS
Band2	15MHz	QPSK	19125	36RB#0	21.01	25.01	33	PASS
Band2	15MHz	QPSK	19125	36RB#18	21.17	25.17	33	PASS
Band2	15MHz	QPSK	19125	75RB#0	21.34	25.34	33	PASS
Band2	15MHz	64QAM	18675	1RB#74	21.94	25.94	33	PASS
Band2	15MHz	64QAM	18675	1RB#38	21.68	25.68	33	PASS
Band2	15MHz	64QAM	18675	1RB#0	21.73	25.73	33	PASS
Band2	15MHz	64QAM	18675	36RB#0	20.55	24.55	33	PASS
Band2	15MHz	64QAM	18675	36RB#18	20.79	24.79	33	PASS
Band2	15MHz	64QAM	18675	36RB#39	20.64	24.64	33	PASS
Band2	15MHz	64QAM	18675	75RB#0	20.75	24.75	33	PASS
Band2	15MHz	64QAM	18900	1RB#0	21.91	25.91	33	PASS
Band2	15MHz	64QAM	18900	1RB#38	21.96	25.96	33	PASS
Band2	15MHz	64QAM	18900	1RB#74	21.87	25.87	33	PASS
Band2	15MHz	64QAM	18900	36RB#0	20.73	24.73	33	PASS
Band2	15MHz	64QAM	18900	36RB#18	20.74	24.74	33	PASS



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Band2	15MHz	64QAM	18900	36RB#39	20.78	24.78	33	PASS
Band2	15MHz	64QAM	18900	75RB#0	20.77	24.77	33	PASS
Band2	15MHz	64QAM	19125	1RB#38	21.84	25.84	33	PASS
Band2	15MHz	64QAM	19125	1RB#74	21.85	25.85	33	PASS
Band2	15MHz	64QAM	19125	1RB#0	21.44	25.44	33	PASS
Band2	15MHz	64QAM	19125	36RB#0	20.46	24.46	33	PASS
Band2	15MHz	64QAM	19125	36RB#18	20.75	24.75	33	PASS
Band2	15MHz	64QAM	19125	36RB#39	20.68	24.68	33	PASS
Band2	15MHz	64QAM	19125	75RB#0	20.50	24.50	33	PASS
Band2	15MHz	16QAM	18675	1RB#0	21.47	25.47	33	PASS
Band2	15MHz	16QAM	18675	1RB#38	21.30	25.30	33	PASS
Band2	15MHz	16QAM	18675	1RB#74	21.72	25.72	33	PASS
Band2	15MHz	16QAM	18675	36RB#0	20.32	24.32	33	PASS
Band2	15MHz	16QAM	18675	36RB#18	20.47	24.47	33	PASS
Band2	15MHz	16QAM	18675	36RB#39	20.07	24.07	33	PASS
Band2	15MHz	16QAM	18675	75RB#0	20.10	24.10	33	PASS
Band2	15MHz	16QAM	18900	1RB#38	21.33	25.33	33	PASS
Band2	15MHz	16QAM	18900	1RB#74	21.36	25.36	33	PASS
Band2	15MHz	16QAM	18900	1RB#0	21.54	25.54	33	PASS
Band2	15MHz	16QAM	18900	36RB#0	20.10	24.10	33	PASS
Band2	15MHz	16QAM	18900	36RB#18	20.34	24.34	33	PASS
Band2	15MHz	16QAM	18900	36RB#39	20.39	24.39	33	PASS
Band2	15MHz	16QAM	18900	75RB#0	20.19	24.19	33	PASS
Band2	15MHz	16QAM	19125	1RB#0	21.42	25.42	33	PASS
Band2	15MHz	16QAM	19125	1RB#38	21.42	25.42	33	PASS
Band2	15MHz	16QAM	19125	1RB#74	21.43	25.43	33	PASS
Band2	15MHz	16QAM	19125	36RB#39	20.20	24.20	33	PASS
Band2	15MHz	16QAM	19125	36RB#0	20.05	24.05	33	PASS
Band2	15MHz	16QAM	19125	36RB#18	20.22	24.22	33	PASS
Band2	15MHz	16QAM	19125	75RB#0	20.34	24.34	33	PASS
Band2	20MHz	QPSK	18700	1RB#49	22.09	26.09	33	PASS
Band2	20MHz	QPSK	18700	1RB#99	22.40	26.40	33	PASS
Band2	20MHz	QPSK	18700	1RB#0	22.35	26.35	33	PASS
Band2	20MHz	QPSK	18700	50RB#0	21.47	25.47	33	PASS
Band2	20MHz	QPSK	18700	50RB#25	21.43	25.43	33	PASS
Band2	20MHz	QPSK	18700	50RB#50	21.35	25.35	33	PASS
Band2	20MHz	QPSK	18700	100RB#0	21.50	25.50	33	PASS
Band2	20MHz	QPSK	18900	1RB#99	22.07	26.07	33	PASS
Band2	20MHz	QPSK	18900	1RB#49	22.31	26.31	33	PASS



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Band2	20MHz	QPSK	18900	1RB#0	22.18	26.18	33	PASS
Band2	20MHz	QPSK	18900	50RB#25	21.42	25.42	33	PASS
Band2	20MHz	QPSK	18900	50RB#0	21.27	25.27	33	PASS
Band2	20MHz	QPSK	18900	50RB#50	21.23	25.23	33	PASS
Band2	20MHz	QPSK	18900	100RB#0	21.41	25.41	33	PASS
Band2	20MHz	QPSK	19100	1RB#49	22.09	26.09	33	PASS
Band2	20MHz	QPSK	19100	1RB#0	21.79	25.79	33	PASS
Band2	20MHz	QPSK	19100	1RB#99	22.16	26.16	33	PASS
Band2	20MHz	QPSK	19100	50RB#25	21.29	25.29	33	PASS
Band2	20MHz	QPSK	19100	50RB#50	21.27	25.27	33	PASS
Band2	20MHz	QPSK	19100	50RB#0	21.05	25.05	33	PASS
Band2	20MHz	QPSK	19100	100RB#0	21.14	25.14	33	PASS
Band2	20MHz	64QAM	18700	1RB#0	21.68	25.68	33	PASS
Band2	20MHz	64QAM	18700	1RB#49	21.51	25.51	33	PASS
Band2	20MHz	64QAM	18700	1RB#99	22.00	26.00	33	PASS
Band2	20MHz	64QAM	18700	50RB#0	20.63	24.63	33	PASS
Band2	20MHz	64QAM	18700	50RB#25	20.87	24.87	33	PASS
Band2	20MHz	64QAM	18700	50RB#50	20.90	24.90	33	PASS
Band2	20MHz	64QAM	18700	100RB#0	20.73	24.73	33	PASS
Band2	20MHz	64QAM	18900	1RB#99	21.87	25.87	33	PASS
Band2	20MHz	64QAM	18900	1RB#0	21.56	25.56	33	PASS
Band2	20MHz	64QAM	18900	1RB#49	21.79	25.79	33	PASS
Band2	20MHz	64QAM	18900	50RB#25	20.94	24.94	33	PASS
Band2	20MHz	64QAM	18900	50RB#50	20.79	24.79	33	PASS
Band2	20MHz	64QAM	18900	50RB#0	20.61	24.61	33	PASS
Band2	20MHz	64QAM	18900	100RB#0	20.87	24.87	33	PASS
Band2	20MHz	64QAM	19100	1RB#49	21.57	25.57	33	PASS
Band2	20MHz	64QAM	19100	1RB#99	21.78	25.78	33	PASS
Band2	20MHz	64QAM	19100	1RB#0	21.69	25.69	33	PASS
Band2	20MHz	64QAM	19100	50RB#50	20.53	24.53	33	PASS
Band2	20MHz	64QAM	19100	50RB#0	20.67	24.67	33	PASS
Band2	20MHz	64QAM	19100	50RB#25	20.80	24.80	33	PASS
Band2	20MHz	64QAM	19100	100RB#0	20.74	24.74	33	PASS
Band2	20MHz	16QAM	18700	1RB#99	21.53	25.53	33	PASS
Band2	20MHz	16QAM	18700	1RB#0	21.46	25.46	33	PASS
Band2	20MHz	16QAM	18700	1RB#49	21.20	25.20	33	PASS
Band2	20MHz	16QAM	18700	50RB#0	20.47	24.47	33	PASS
Band2	20MHz	16QAM	18700	50RB#25	20.26	24.26	33	PASS
Band2	20MHz	16QAM	18700	50RB#50	20.52	24.52	33	PASS



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Band2	20MHz	16QAM	18700	100RB#0	20.28	24.28	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.21	25.21	33	PASS
Band2	20MHz	16QAM	18900	1RB#49	21.49	25.49	33	PASS
Band2	20MHz	16QAM	18900	1RB#0	21.47	25.47	33	PASS
Band2	20MHz	16QAM	18900	50RB#25	20.20	24.20	33	PASS
Band2	20MHz	16QAM	18900	50RB#0	20.40	24.40	33	PASS
Band2	20MHz	16QAM	18900	50RB#50	20.50	24.50	33	PASS
Band2	20MHz	16QAM	18900	100RB#0	20.15	24.15	33	PASS
Band2	20MHz	16QAM	19100	1RB#99	21.33	25.33	33	PASS
Band2	20MHz	16QAM	19100	1RB#49	21.29	25.29	33	PASS
Band2	20MHz	16QAM	19100	1RB#0	21.26	25.26	33	PASS
Band2	20MHz	16QAM	19100	50RB#50	20.27	24.27	33	PASS
Band2	20MHz	16QAM	19100	50RB#25	20.35	24.35	33	PASS
Band2	20MHz	16QAM	19100	50RB#0	20.11	24.11	33	PASS
Band2	20MHz	16QAM	19100	100RB#0	20.13	24.13	33	PASS



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Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band66	10MHz	QPSK	132022	1RB#0	21.69	25.69	30	PASS
Band66	10MHz	QPSK	132022	1RB#24	22.07	26.07	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	22.23	26.23	30	PASS
Band66	10MHz	QPSK	132022	25RB#0	21.18	25.18	30	PASS
Band66	10MHz	QPSK	132022	25RB#12	21.42	25.42	30	PASS
Band66	10MHz	QPSK	132022	25RB#25	21.38	25.38	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	21.16	25.16	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	22.37	26.37	30	PASS
Band66	10MHz	QPSK	132322	1RB#24	22.41	26.41	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	22.36	26.36	30	PASS
Band66	10MHz	QPSK	132322	25RB#12	21.58	25.58	30	PASS
Band66	10MHz	QPSK	132322	25RB#25	21.31	25.31	30	PASS
Band66	10MHz	QPSK	132322	25RB#0	21.49	25.49	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	21.42	25.42	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	22.16	26.16	30	PASS
Band66	10MHz	QPSK	132622	1RB#24	22.11	26.11	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	22.26	26.26	30	PASS
Band66	10MHz	QPSK	132622	25RB#0	21.28	25.28	30	PASS
Band66	10MHz	QPSK	132622	25RB#12	21.53	25.53	30	PASS
Band66	10MHz	QPSK	132622	25RB#25	21.29	25.29	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	21.47	25.47	30	PASS
Band66	10MHz	64QAM	132022	1RB#0	21.56	25.56	30	PASS
Band66	10MHz	64QAM	132022	1RB#49	22.04	26.04	30	PASS
Band66	10MHz	64QAM	132022	1RB#24	21.66	25.66	30	PASS
Band66	10MHz	64QAM	132022	25RB#12	20.65	24.65	30	PASS
Band66	10MHz	64QAM	132022	25RB#0	20.82	24.82	30	PASS
Band66	10MHz	64QAM	132022	25RB#25	20.86	24.86	30	PASS
Band66	10MHz	64QAM	132022	50RB#0	20.86	24.86	30	PASS
Band66	10MHz	64QAM	132322	1RB#0	21.81	25.81	30	PASS
Band66	10MHz	64QAM	132322	1RB#49	21.91	25.91	30	PASS
Band66	10MHz	64QAM	132322	1RB#24	21.99	25.99	30	PASS
Band66	10MHz	64QAM	132322	25RB#0	20.95	24.95	30	PASS
Band66	10MHz	64QAM	132322	25RB#12	20.77	24.77	30	PASS
Band66	10MHz	64QAM	132322	25RB#25	20.80	24.80	30	PASS
Band66	10MHz	64QAM	132322	50RB#0	20.93	24.93	30	PASS
Band66	10MHz	64QAM	132622	1RB#49	21.63	25.63	30	PASS
Band66	10MHz	64QAM	132622	1RB#24	21.77	25.77	30	PASS



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Band66	10MHz	64QAM	132622	1RB#0	21.73	25.73	30	PASS
Band66	10MHz	64QAM	132622	25RB#25	20.76	24.76	30	PASS
Band66	10MHz	64QAM	132622	25RB#0	20.57	24.57	30	PASS
Band66	10MHz	64QAM	132622	25RB#12	20.57	24.57	30	PASS
Band66	10MHz	64QAM	132622	50RB#0	20.65	24.65	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	21.73	25.73	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	21.07	25.07	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	21.32	25.32	30	PASS
Band66	10MHz	16QAM	132022	25RB#25	20.42	24.42	30	PASS
Band66	10MHz	16QAM	132022	25RB#0	20.13	24.13	30	PASS
Band66	10MHz	16QAM	132022	25RB#12	20.45	24.45	30	PASS
Band66	10MHz	16QAM	132022	50RB#0	20.26	24.26	30	PASS
Band66	10MHz	16QAM	132322	1RB#0	21.72	25.72	30	PASS
Band66	10MHz	16QAM	132322	1RB#24	21.49	25.49	30	PASS
Band66	10MHz	16QAM	132322	1RB#49	21.70	25.70	30	PASS
Band66	10MHz	16QAM	132322	25RB#0	20.31	24.31	30	PASS
Band66	10MHz	16QAM	132322	25RB#12	20.58	24.58	30	PASS
Band66	10MHz	16QAM	132322	25RB#25	20.56	24.56	30	PASS
Band66	10MHz	16QAM	132322	50RB#0	20.49	24.49	30	PASS
Band66	10MHz	16QAM	132622	1RB#24	21.50	25.50	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	21.68	25.68	30	PASS
Band66	10MHz	16QAM	132622	1RB#0	21.40	25.40	30	PASS
Band66	10MHz	16QAM	132622	25RB#0	20.27	24.27	30	PASS
Band66	10MHz	16QAM	132622	25RB#12	20.23	24.23	30	PASS
Band66	10MHz	16QAM	132622	25RB#25	20.42	24.42	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	20.25	24.25	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	22.22	26.22	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	22.58	26.58	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	21.99	25.99	30	PASS
Band66	20MHz	QPSK	132072	50RB#0	21.56	25.56	30	PASS
Band66	20MHz	QPSK	132072	50RB#25	21.68	25.68	30	PASS
Band66	20MHz	QPSK	132072	50RB#50	21.64	25.64	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	21.45	25.45	30	PASS
Band66	20MHz	QPSK	132322	1RB#99	22.66	26.66	30	PASS
Band66	20MHz	QPSK	132322	1RB#49	22.65	26.65	30	PASS
Band66	20MHz	QPSK	132322	1RB#0	22.59	26.59	30	PASS
Band66	20MHz	QPSK	132322	50RB#25	21.82	25.82	30	PASS
Band66	20MHz	QPSK	132322	50RB#0	21.73	25.73	30	PASS
Band66	20MHz	QPSK	132322	50RB#50	21.74	25.74	30	PASS
Band66	20MHz	QPSK	132322	100RB#0	21.49	25.49	30	PASS
Band66	20MHz	QPSK	132572	1RB#49	22.59	26.59	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	22.39	26.39	30	PASS



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Band66	20MHz	QPSK	132572	1RB#99	22.58	26.58	30	PASS
Band66	20MHz	QPSK	132572	50RB#25	21.82	25.82	30	PASS
Band66	20MHz	QPSK	132572	50RB#50	21.63	25.63	30	PASS
Band66	20MHz	QPSK	132572	50RB#0	21.54	25.54	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	21.58	25.58	30	PASS
Band66	20MHz	64QAM	132072	1RB#0	21.75	25.75	30	PASS
Band66	20MHz	64QAM	132072	1RB#49	22.09	26.09	30	PASS
Band66	20MHz	64QAM	132072	1RB#99	22.08	26.08	30	PASS
Band66	20MHz	64QAM	132072	50RB#0	21.02	25.02	30	PASS
Band66	20MHz	64QAM	132072	50RB#25	21.02	25.02	30	PASS
Band66	20MHz	64QAM	132072	50RB#50	20.95	24.95	30	PASS
Band66	20MHz	64QAM	132072	100RB#0	20.76	24.76	30	PASS
Band66	20MHz	64QAM	132322	1RB#99	22.08	26.08	30	PASS
Band66	20MHz	64QAM	132322	1RB#0	21.82	25.82	30	PASS
Band66	20MHz	64QAM	132322	1RB#49	21.95	25.95	30	PASS
Band66	20MHz	64QAM	132322	50RB#25	20.94	24.94	30	PASS
Band66	20MHz	64QAM	132322	50RB#50	20.93	24.93	30	PASS
Band66	20MHz	64QAM	132322	50RB#0	20.95	24.95	30	PASS
Band66	20MHz	64QAM	132322	100RB#0	20.91	24.91	30	PASS
Band66	20MHz	64QAM	132572	1RB#49	21.64	25.64	30	PASS
Band66	20MHz	64QAM	132572	1RB#99	21.77	25.77	30	PASS
Band66	20MHz	64QAM	132572	1RB#0	21.75	25.75	30	PASS
Band66	20MHz	64QAM	132572	50RB#50	20.92	24.92	30	PASS
Band66	20MHz	64QAM	132572	50RB#0	20.80	24.80	30	PASS
Band66	20MHz	64QAM	132572	50RB#25	20.92	24.92	30	PASS
Band66	20MHz	64QAM	132572	100RB#0	20.92	24.92	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	21.89	25.89	30	PASS
Band66	20MHz	16QAM	132072	1RB#0	21.12	25.12	30	PASS
Band66	20MHz	16QAM	132072	1RB#49	21.75	25.75	30	PASS
Band66	20MHz	16QAM	132072	50RB#0	20.68	24.68	30	PASS
Band66	20MHz	16QAM	132072	50RB#25	20.65	24.65	30	PASS
Band66	20MHz	16QAM	132072	50RB#50	20.40	24.40	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	20.58	24.58	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	21.89	25.89	30	PASS
Band66	20MHz	16QAM	132322	1RB#49	21.91	25.91	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	21.70	25.70	30	PASS
Band66	20MHz	16QAM	132322	50RB#25	20.68	24.68	30	PASS
Band66	20MHz	16QAM	132322	50RB#0	20.79	24.79	30	PASS
Band66	20MHz	16QAM	132322	50RB#50	20.74	24.74	30	PASS
Band66	20MHz	16QAM	132322	100RB#0	20.63	24.63	30	PASS
Band66	20MHz	16QAM	132572	1RB#99	21.82	25.82	30	PASS
Band66	20MHz	16QAM	132572	1RB#49	21.81	25.81	30	PASS





Band66	20MHz	16QAM	132572	1RB#0	21.73	25.73	30	PASS
Band66	20MHz	16QAM	132572	50RB#50	20.66	24.66	30	PASS
Band66	20MHz	16QAM	132572	50RB#25	20.57	24.57	30	PASS
Band66	20MHz	16QAM	132572	50RB#0	20.50	24.50	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	20.48	24.48	30	PASS

Remark:

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

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

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



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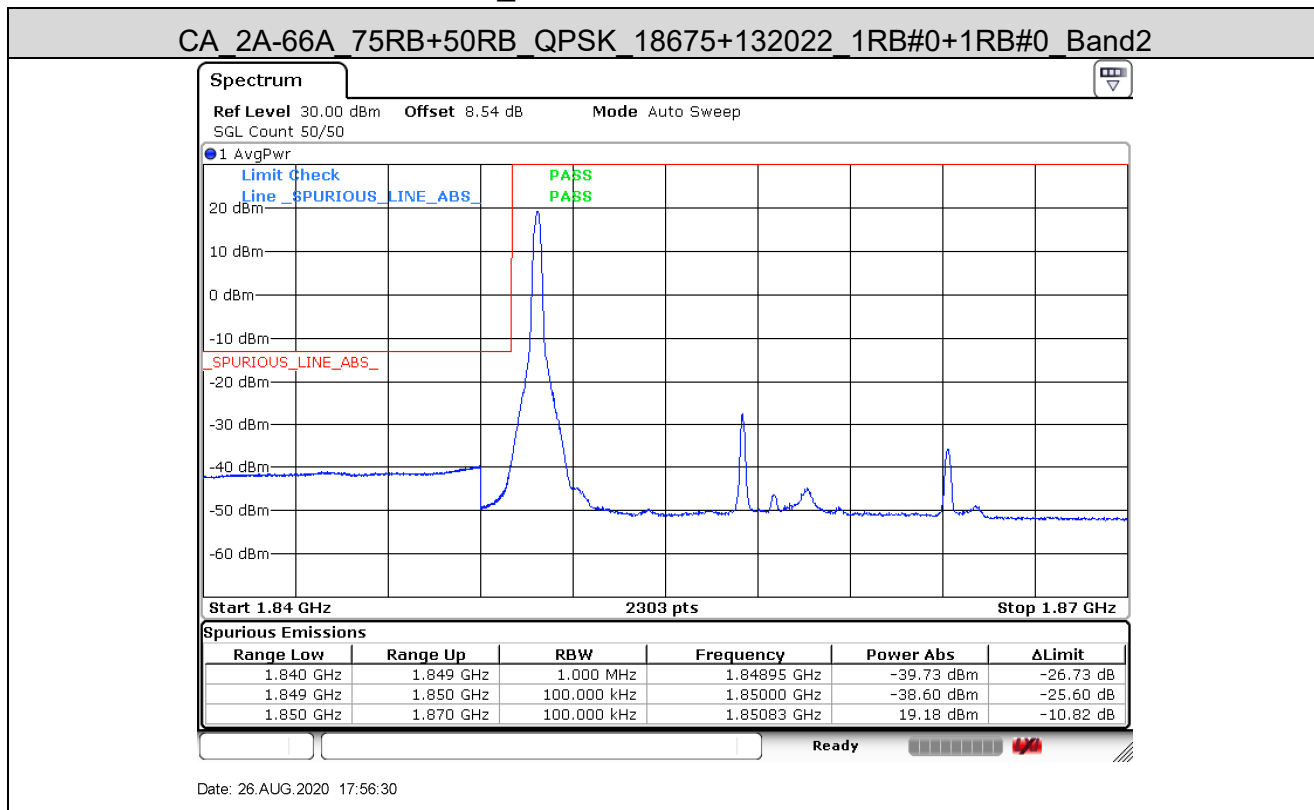
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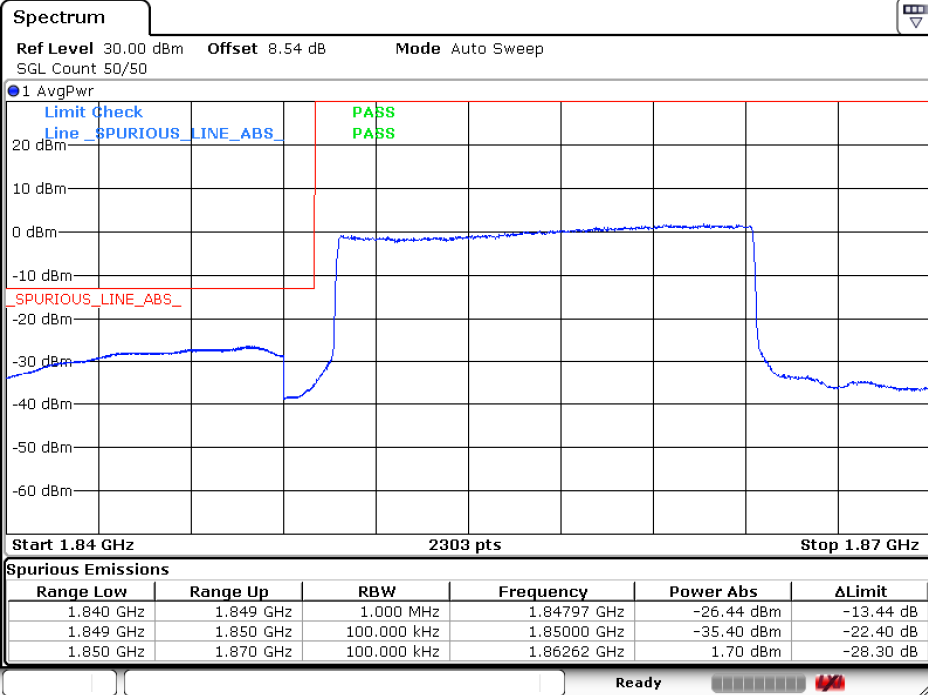
2 Band Edges Compliance

2.1 For LTE

2.1.1 Test Band = LTE Band CA_2A-66A

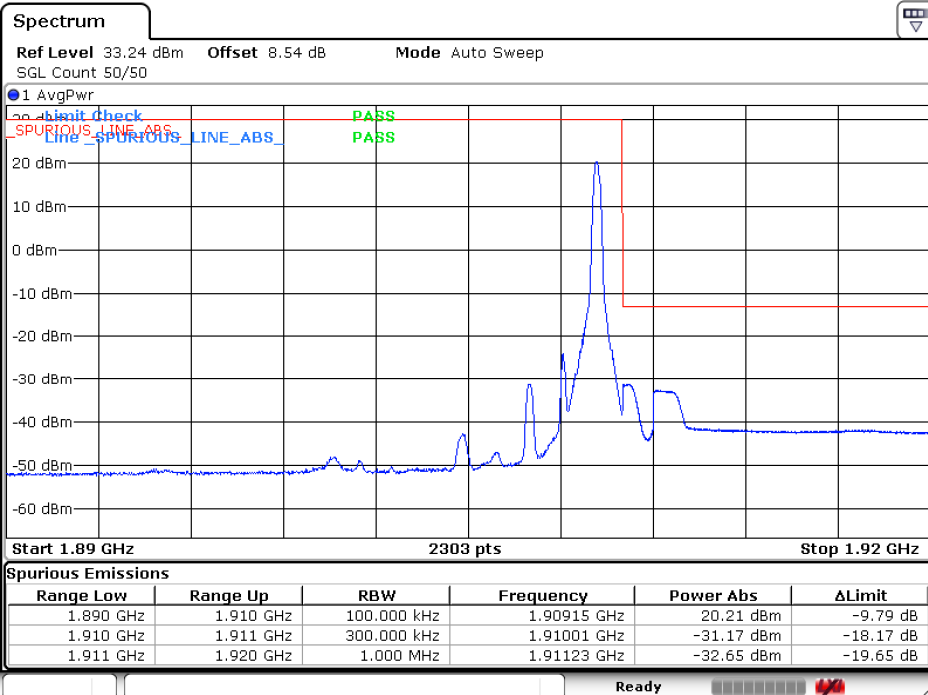


CA 2A-66A 75RB+50RB QPSK 18675+132022 75RB#0+50RB#0 Band2



Date: 26.AUG.2020 17:52:21

CA 2A-66A 75RB+50RB QPSK 19125+132622 1RB#74+1RB#49 Band2



Date: 26.AUG.2020 18:50:07



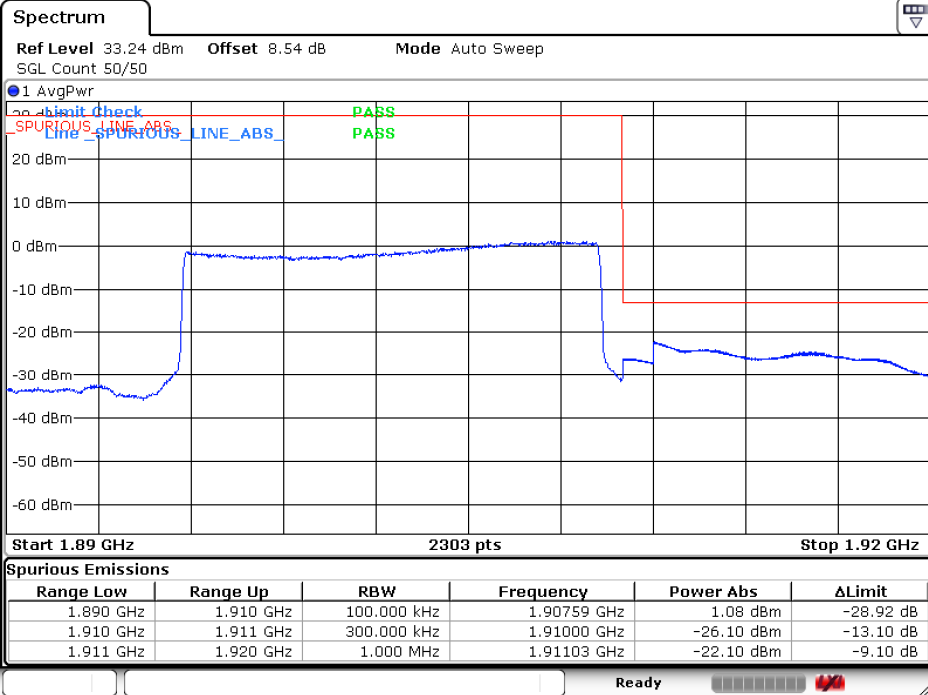
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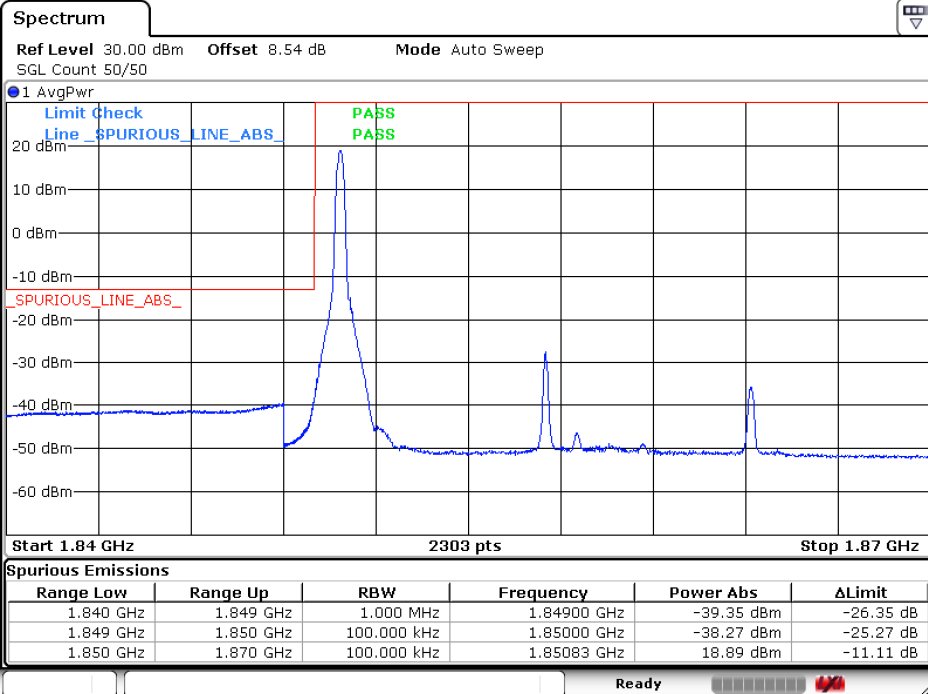
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CA 2A-66A 75RB+50RB QPSK 19125+132622 75RB#0+50RB#0 Band2



Date: 26.AUG.2020 18:51:24

CA 2A-66A 75RB+50RB 16QAM 18675+132022 1RB#0+1RB#0 Band2



Date: 26.AUG.2020 17:57:54



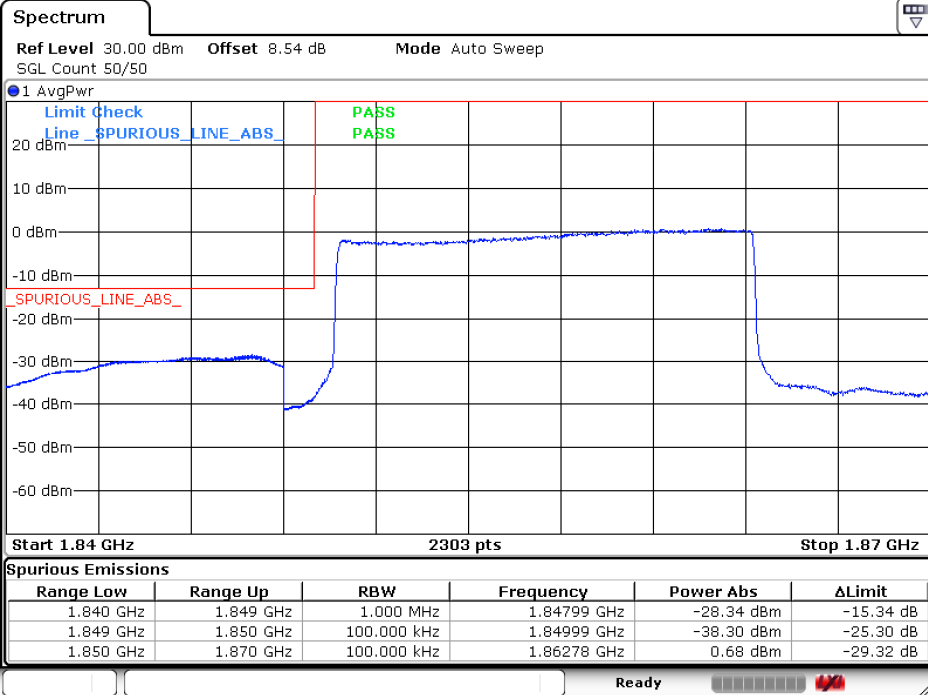
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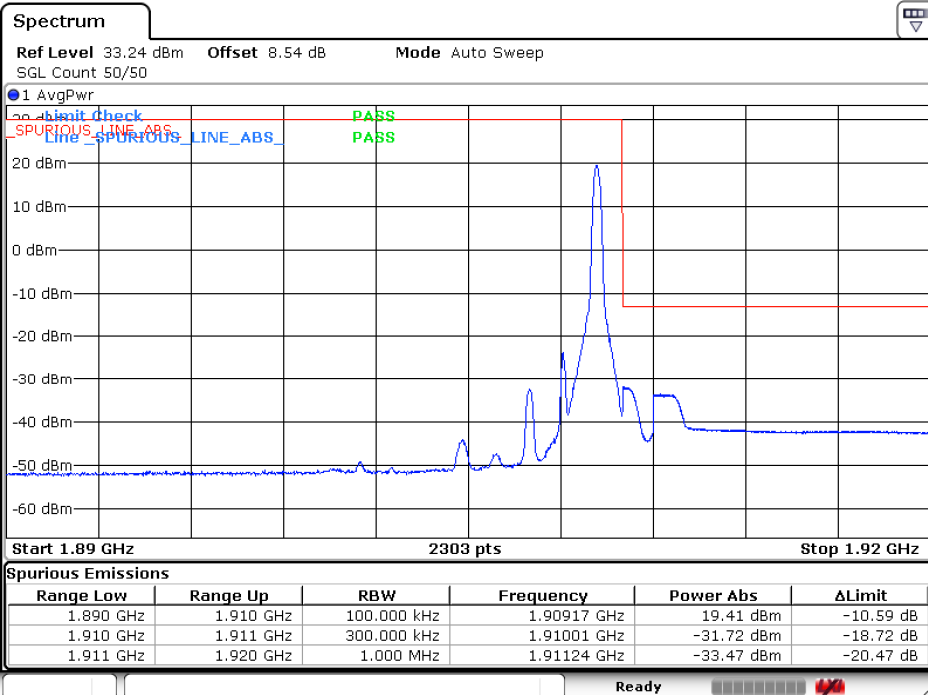
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CA 2A-66A 75RB+50RB 16QAM 18675+132022 75RB#0+50RB#0 Band2



Date: 26.AUG.2020 17:51:10

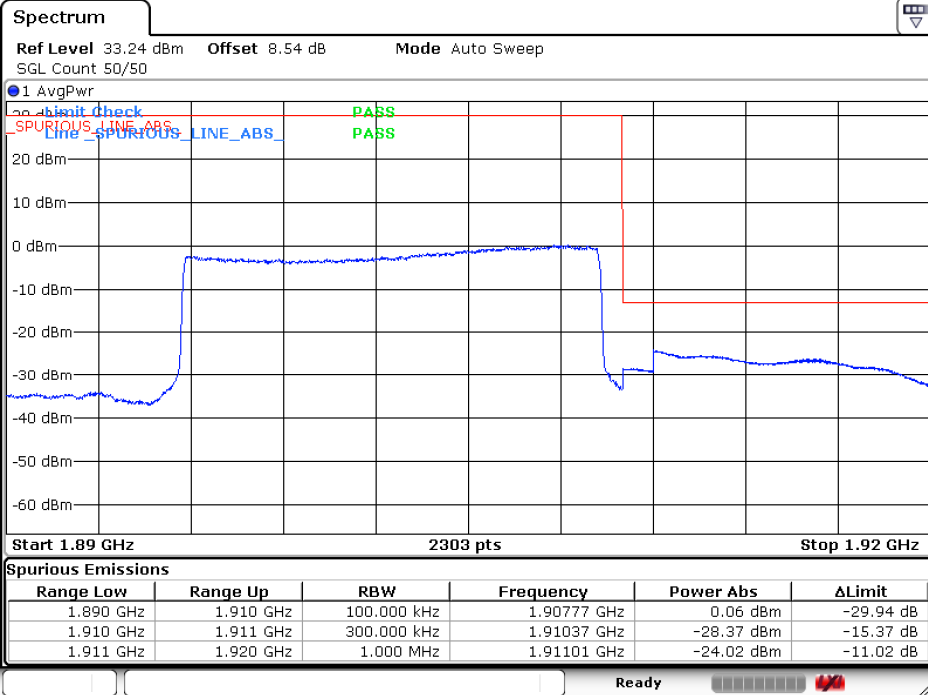
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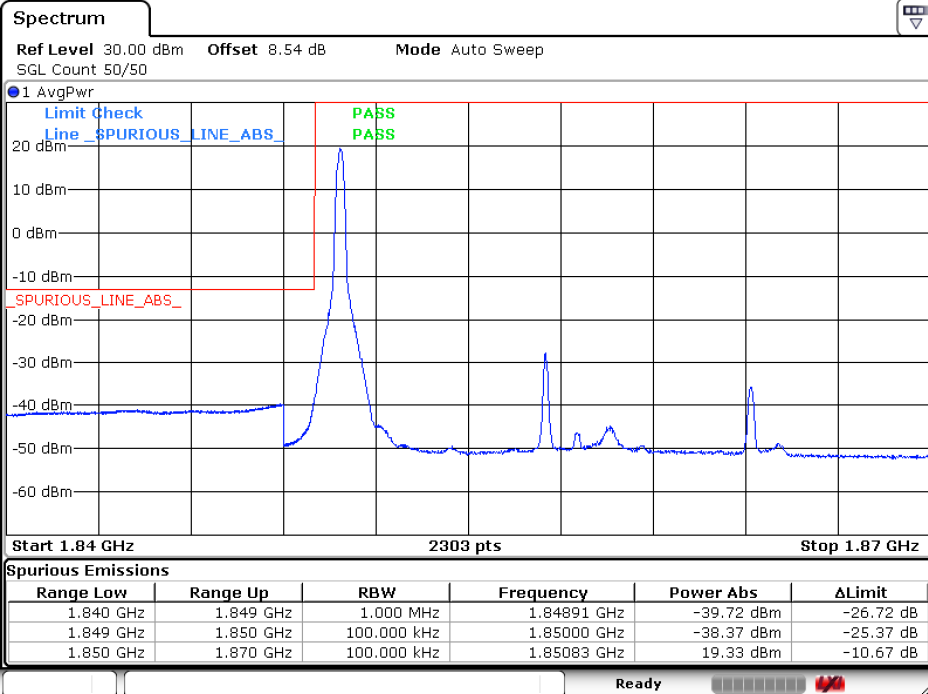


CA 2A-66A 75RB+50RB 16QAM 19125+132622 75RB#0+50RB#0 Band2



Date: 26.AUG.2020 18:51:55

CA 2A-66A 75RB+50RB 64QAM 18675+132022 1RB#0+1RB#0 Band2



Date: 26.AUG.2020 17:48:57



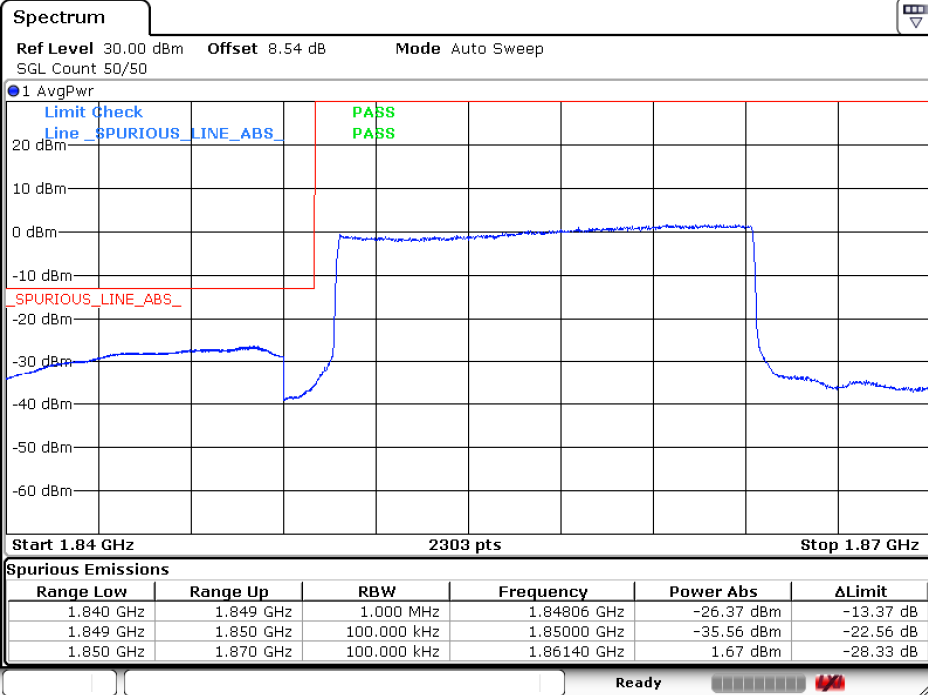
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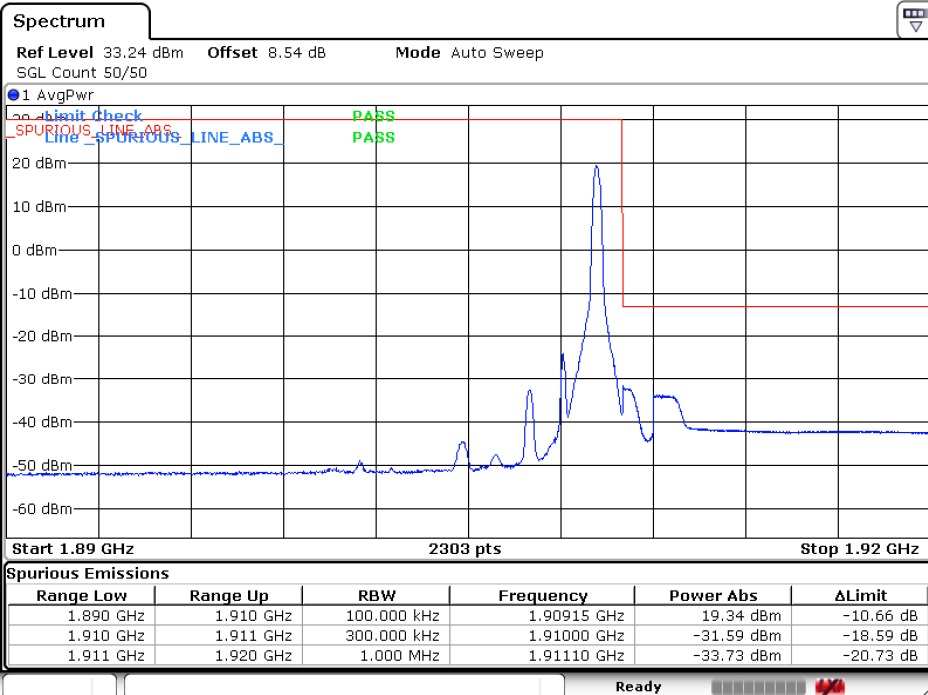
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Date: 26.AUG.2020 17:49:33

CA 2A-66A 75RB+50RB 64QAM 19125+132622 1RB#74+1RB#49 Band2



Date: 26.AUG.2020 18:55:59



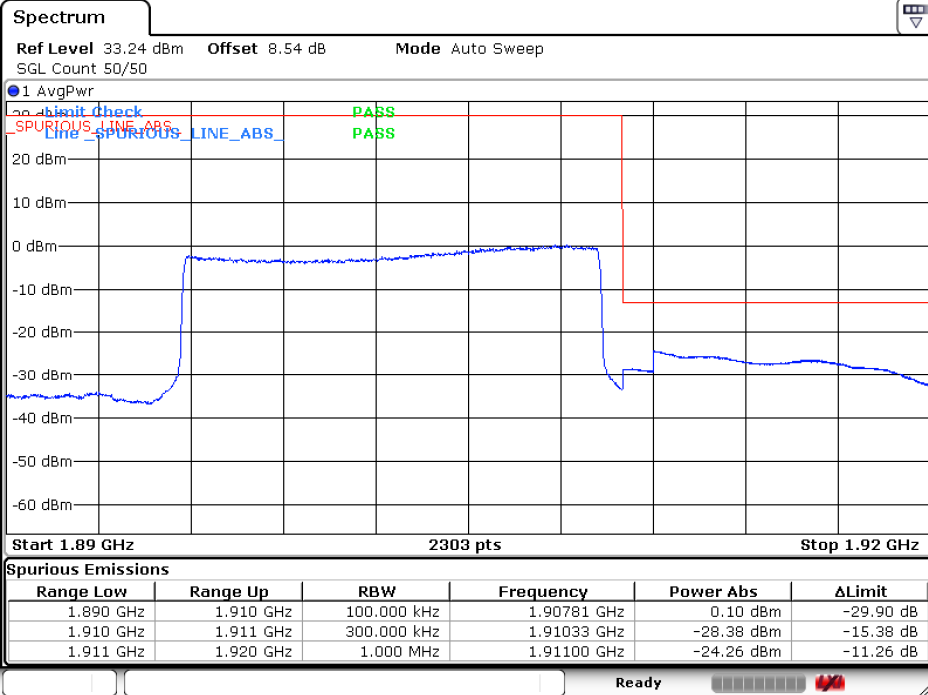
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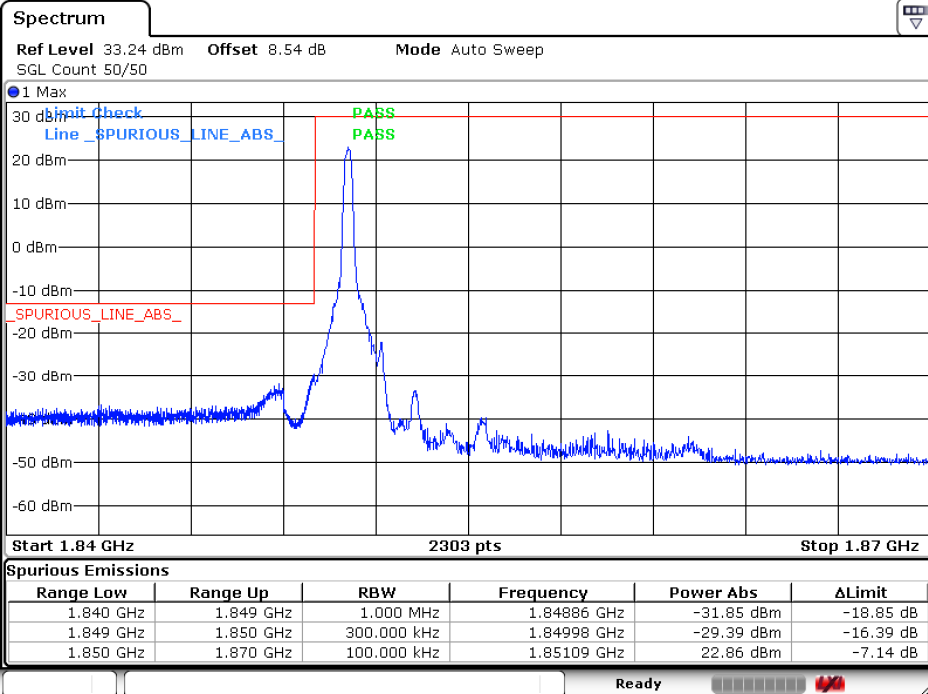
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Date: 26.AUG.2020 18:56:56

CA 2A-66A 100RB+100RB QPSK 18700+132072 1RB#0+1RB#0 Band2



Date: 26.AUG.2020 17:16:12



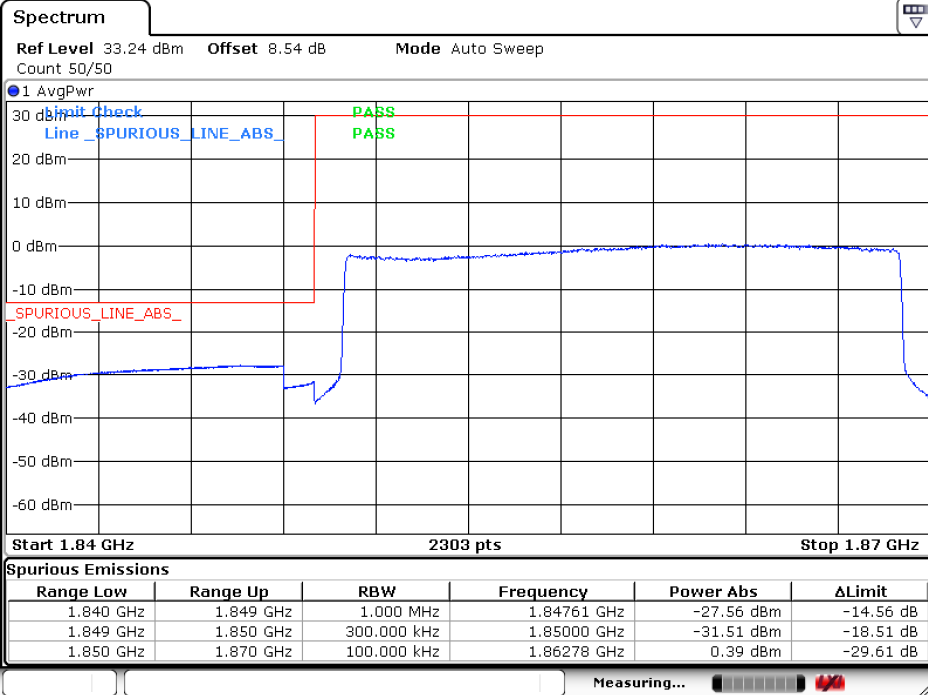
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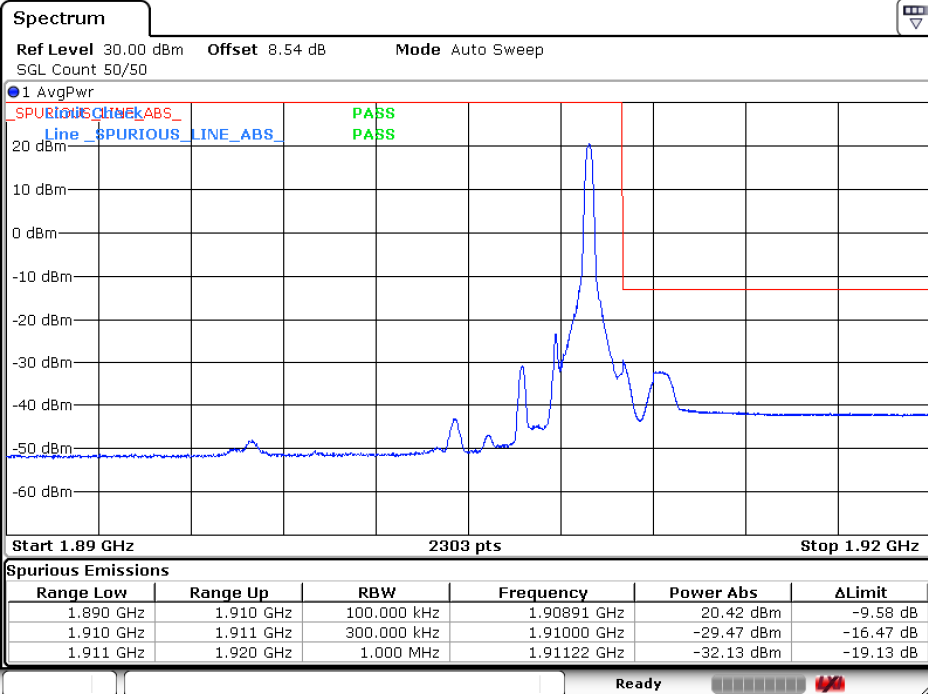
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Date: 26.AUG.2020 17:11:18

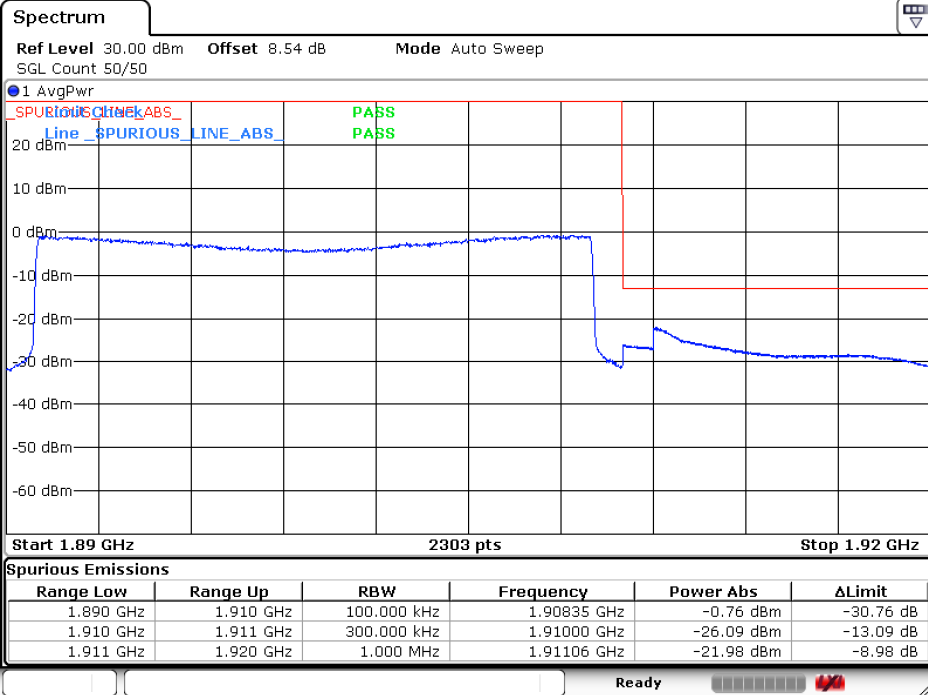
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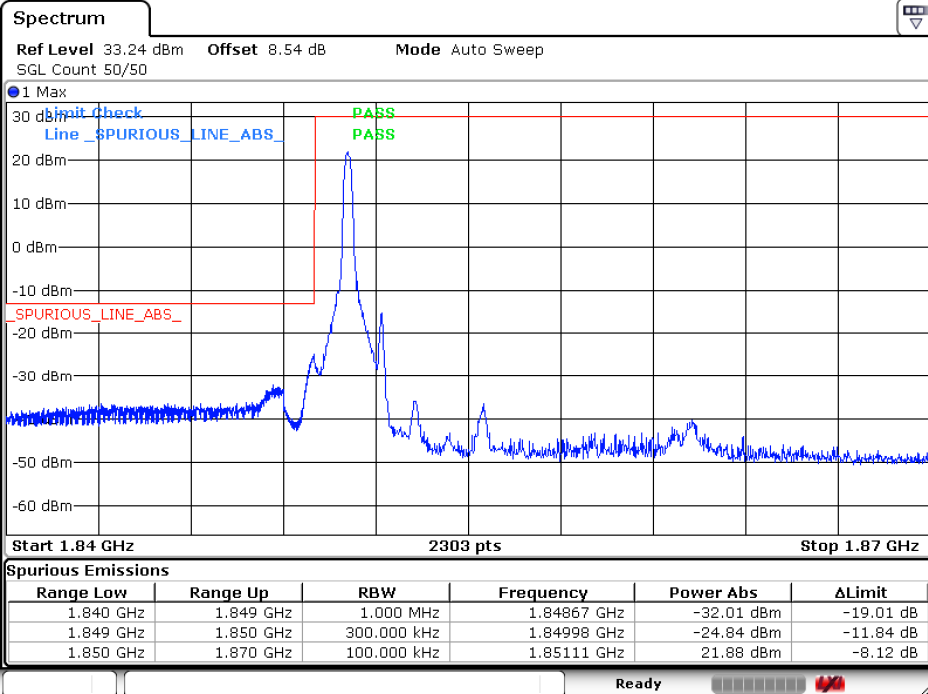


CA 2A-66A 100RB+100RB QPSK 19100+132572 100RB#0+100RB#0 Band2



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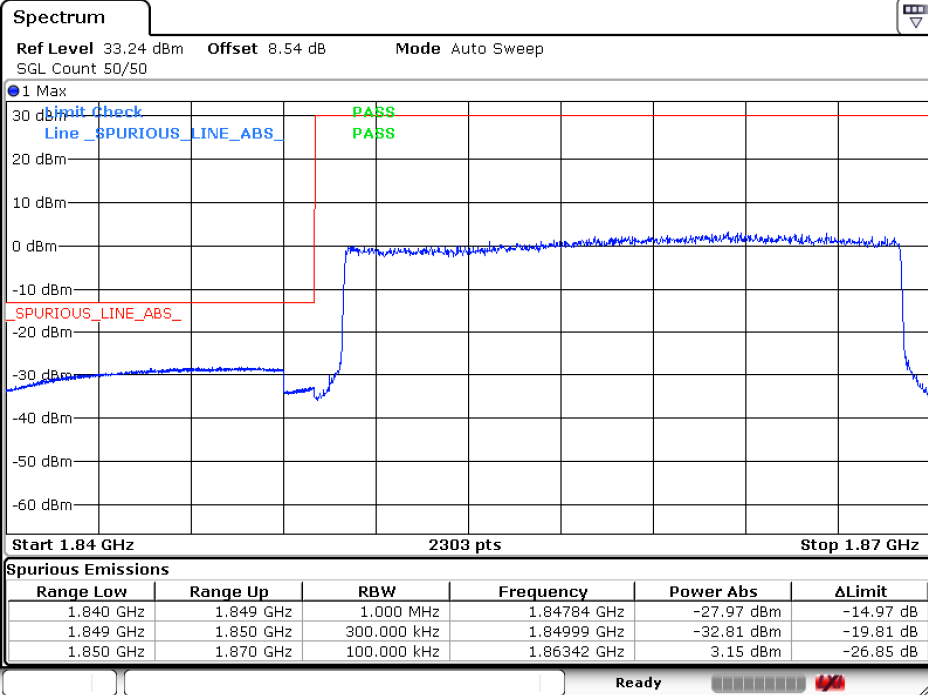
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Date: 26.AUG.2020 17:16:56

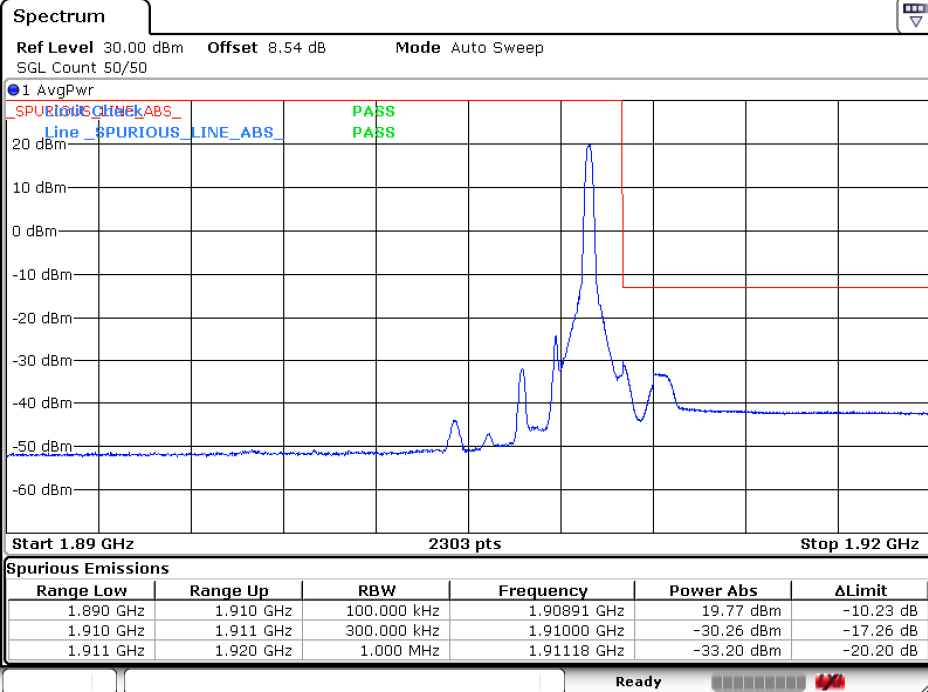


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Date: 26.AUG.2020 17:12:50

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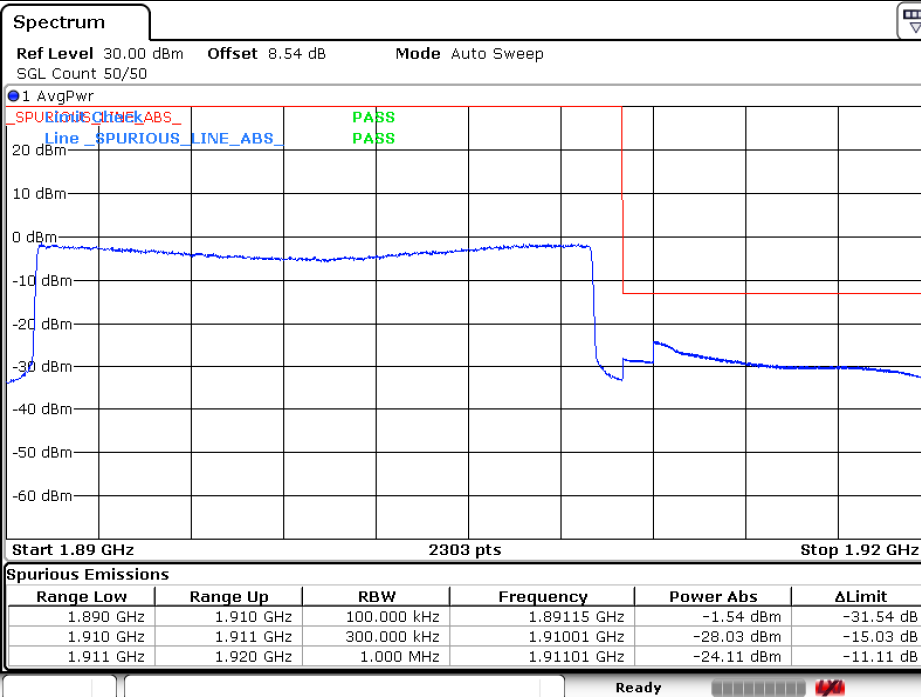


Date: 26.AUG.2020 17:32:32



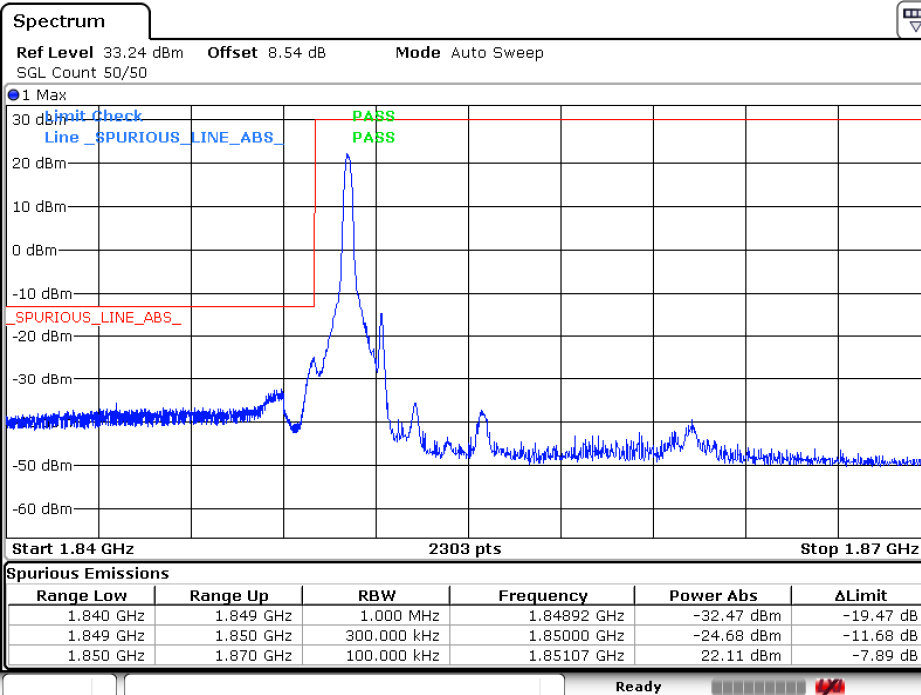


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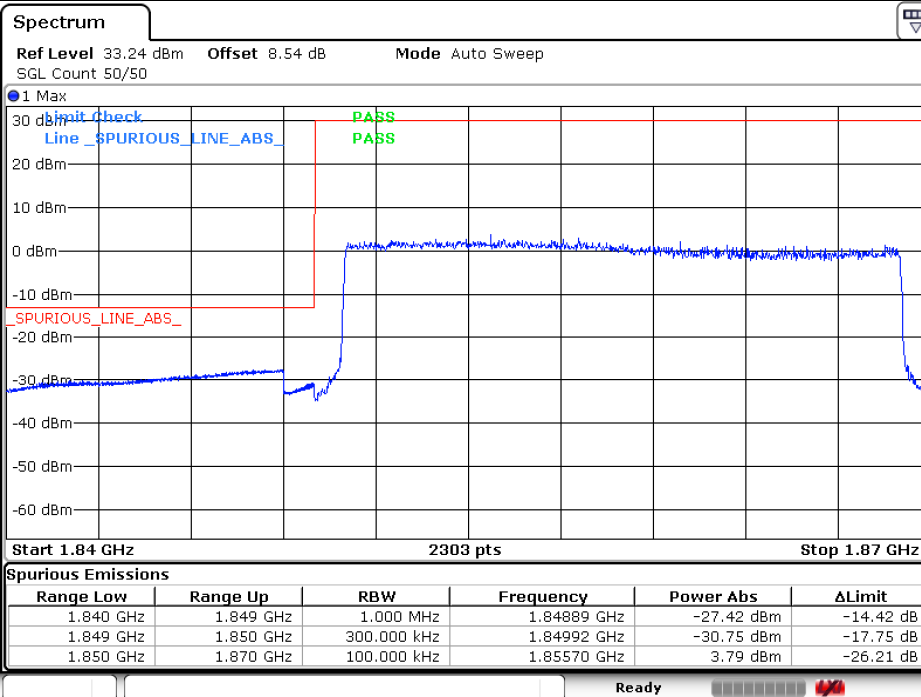
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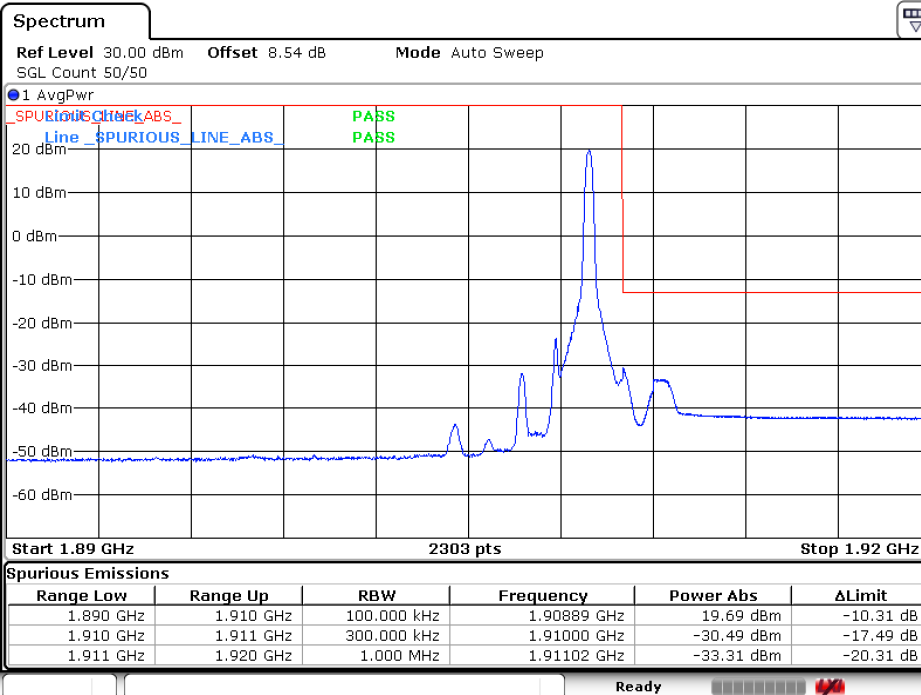


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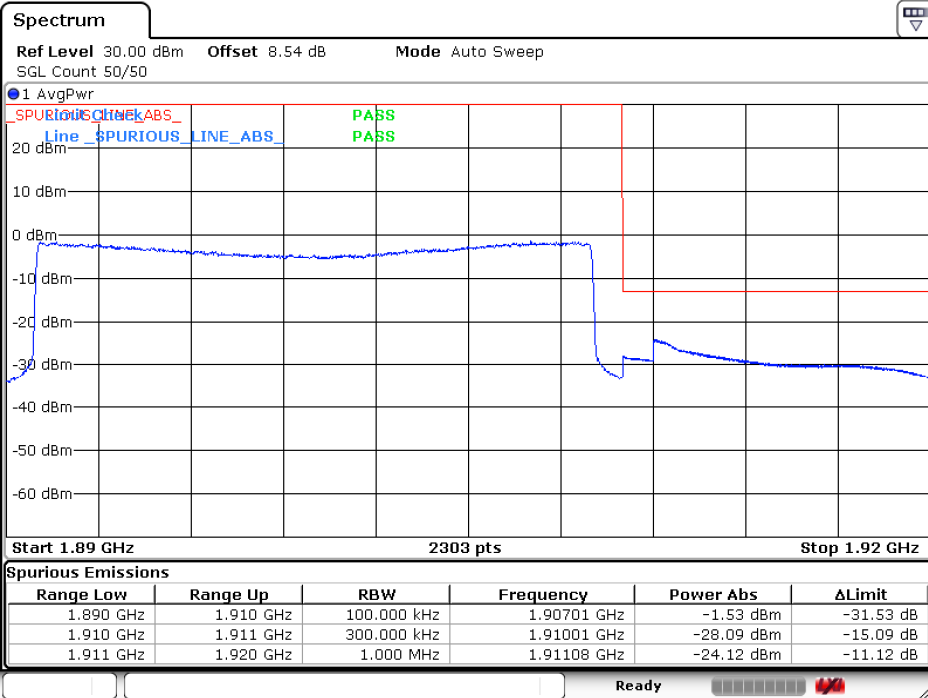
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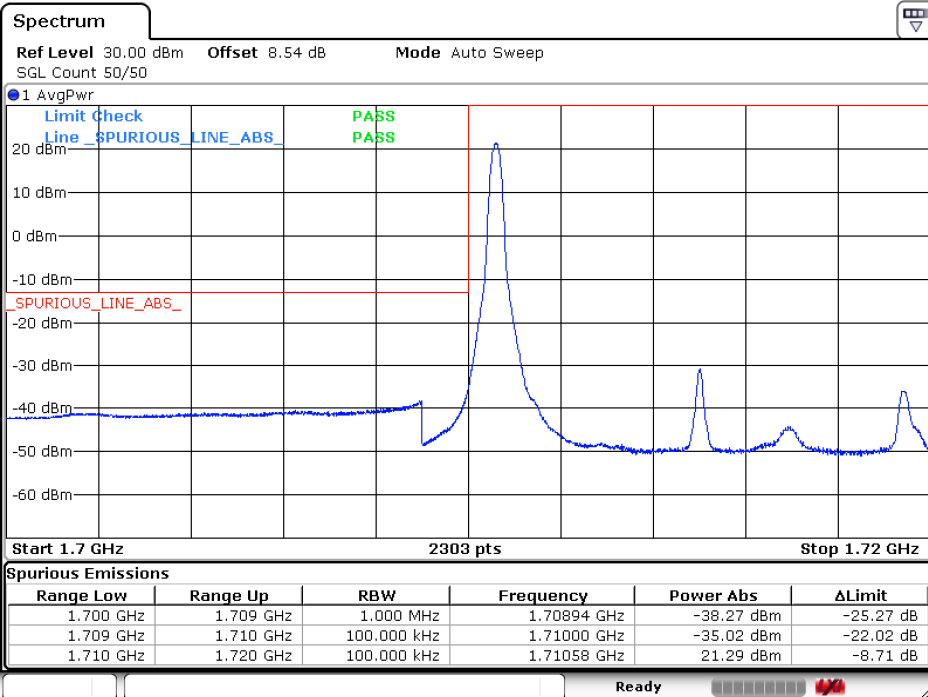


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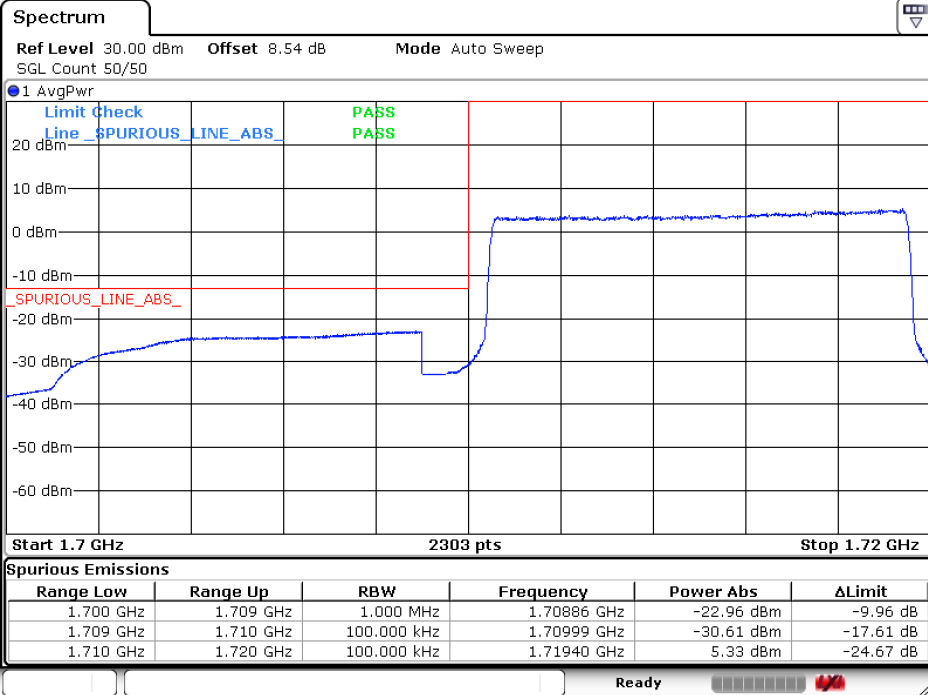
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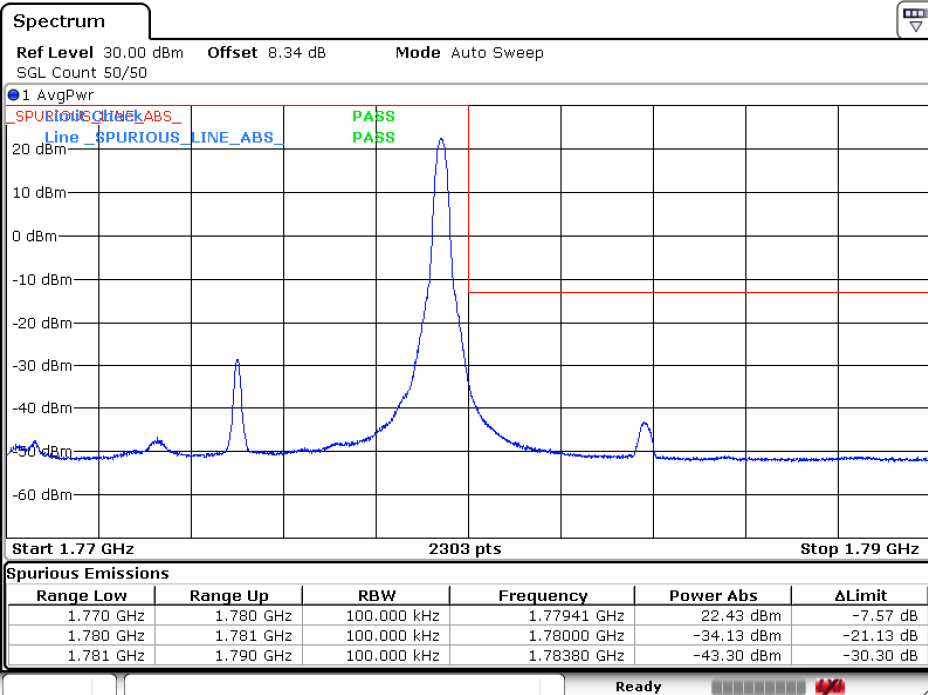


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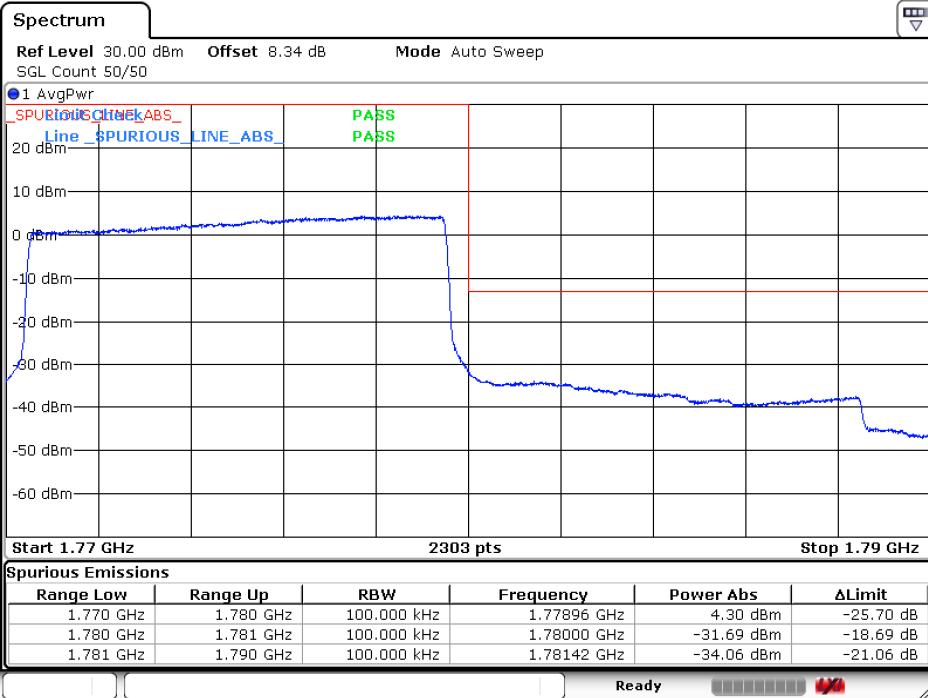
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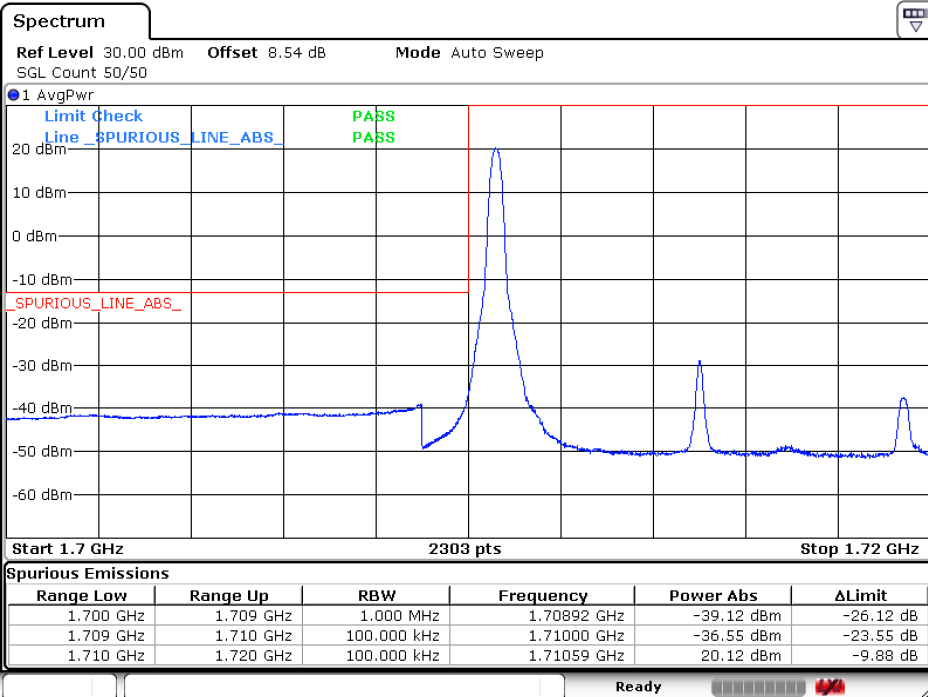


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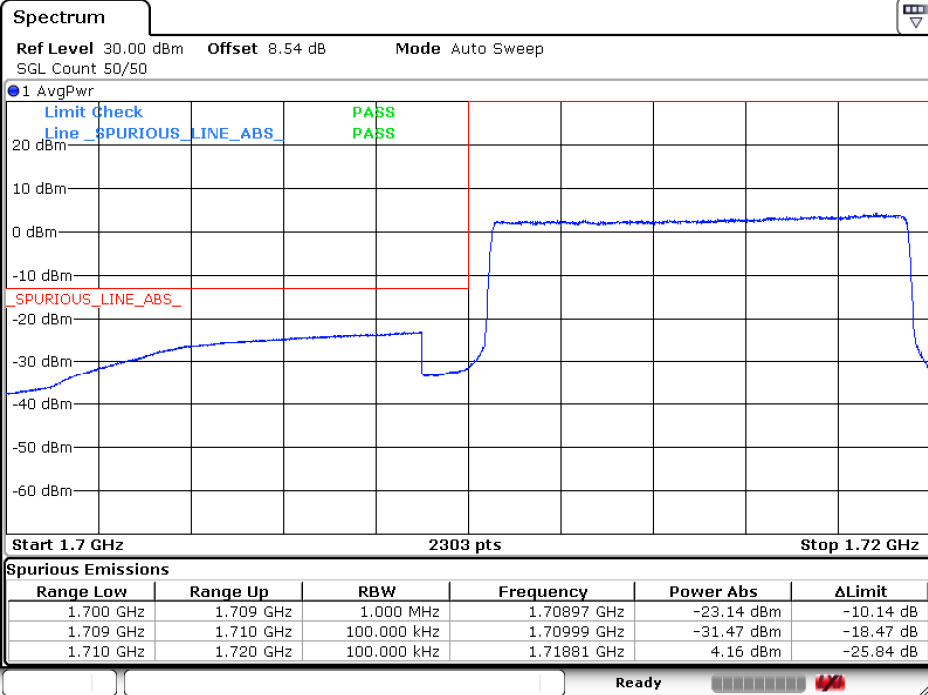
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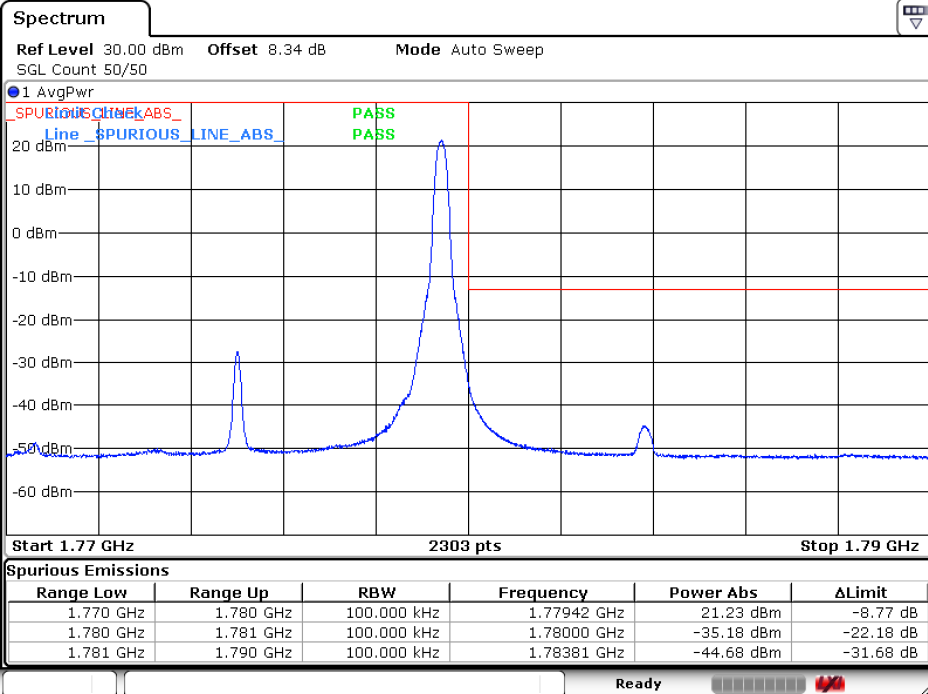


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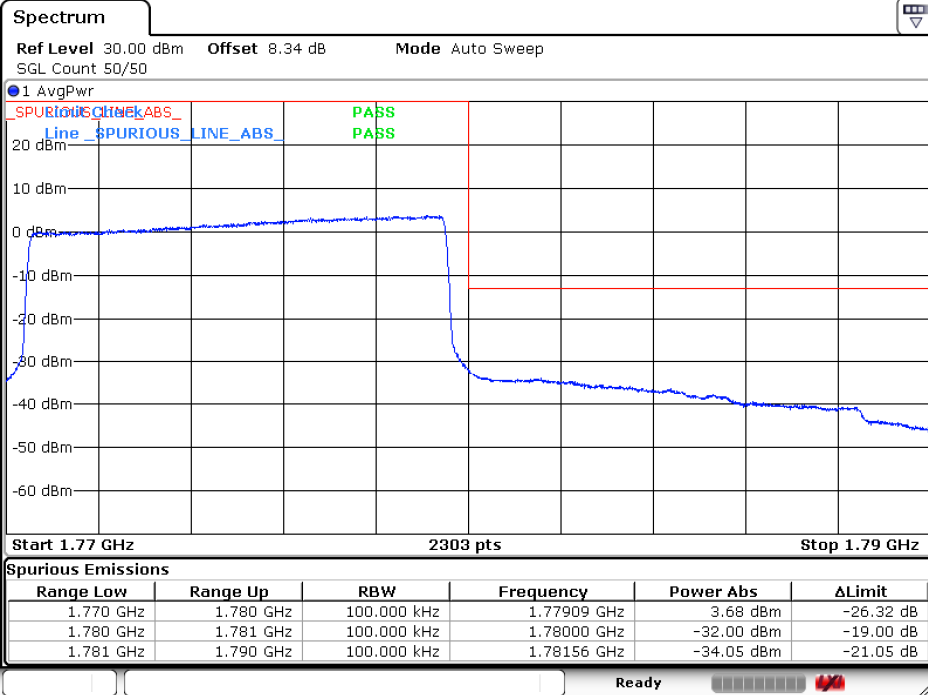
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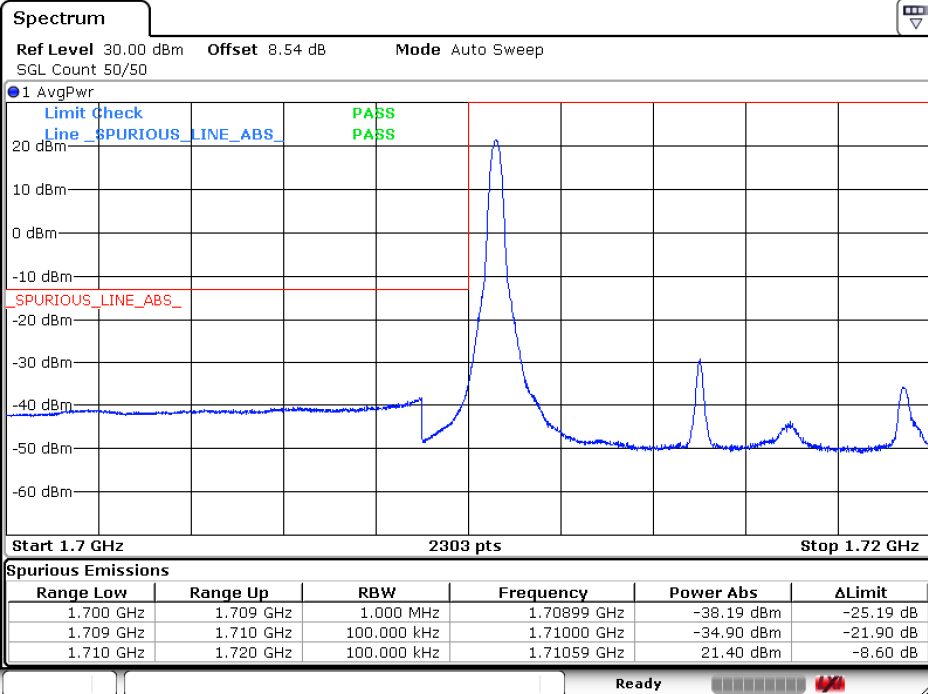


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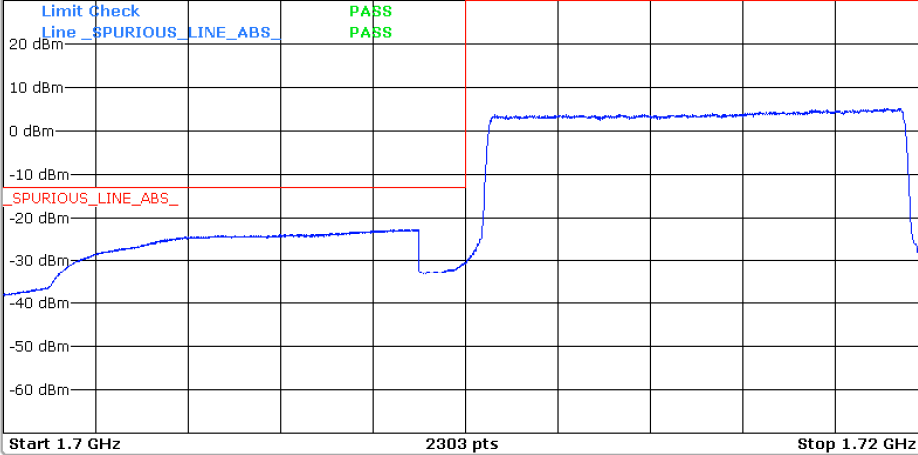


CA 2A-66A 75RB+50RB 64QAM 18675+132022 75RB#0+50RB#0 Band66

Spectrum

Ref Level 30.00 dBm Offset 8.54 dB Mode Auto Sweep
SGL Count 50/50

1 AvgPwr



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70893 GHz	-22.82 dBm	-9.82 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.70999 GHz	-30.49 dBm	-17.49 dB
1.710 GHz	1.720 GHz	100.000 kHz	1.71940 GHz	5.02 dBm	-24.98 dB

Ready

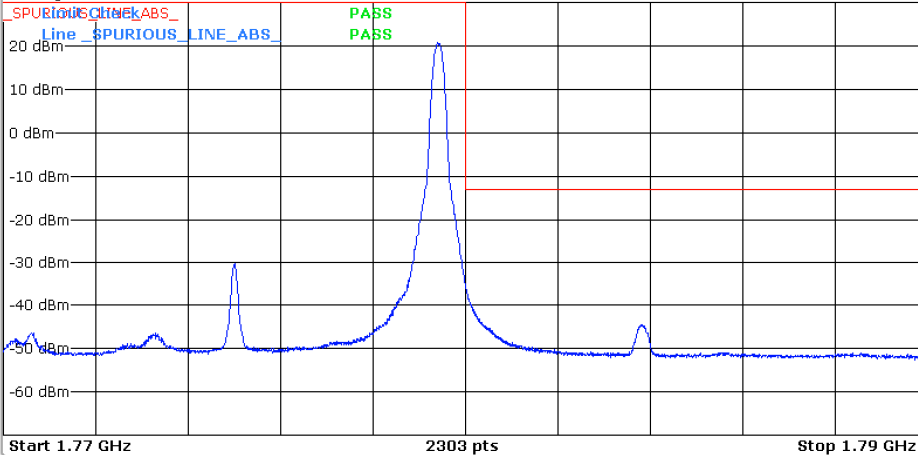
Date: 26.AUG.2020 19:56:04

CA 2A-66A 75RB+50RB 64QAM 19125+132622 1RB#74+1RB#49 Band66

Spectrum

Ref Level 30.00 dBm Offset 8.34 dB Mode Auto Sweep
SGL Count 50/50

1 AvgPwr



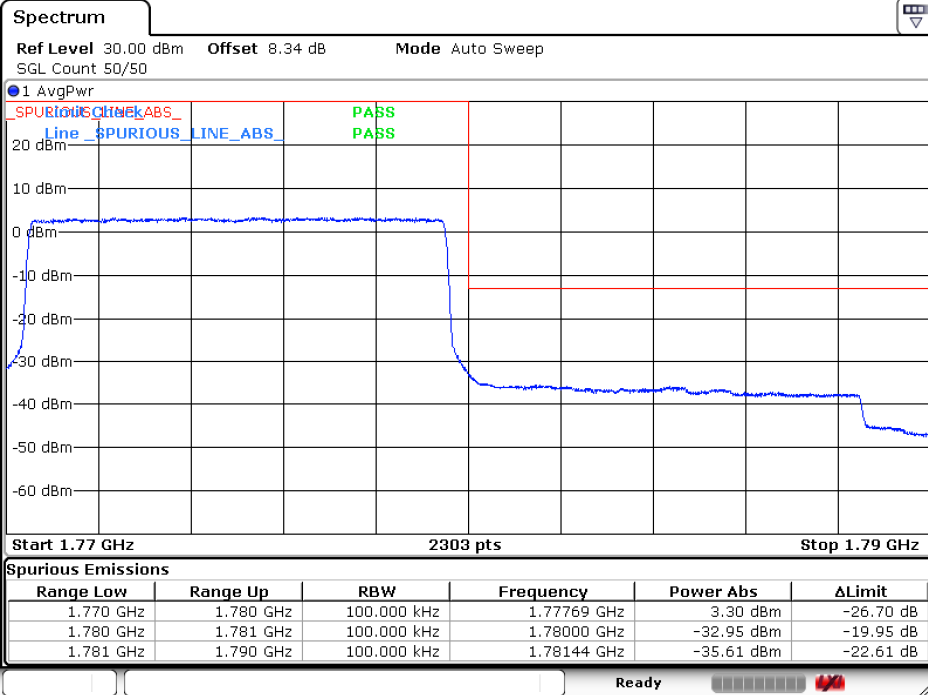
Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.770 GHz	1.780 GHz	100.000 kHz	1.77940 GHz	20.67 dBm	-9.33 dB
1.780 GHz	1.781 GHz	100.000 kHz	1.78000 GHz	-35.51 dBm	-22.51 dB
1.781 GHz	1.790 GHz	100.000 kHz	1.78380 GHz	-44.65 dBm	-31.65 dB

Ready

Date: 26.AUG.2020 20:03:13

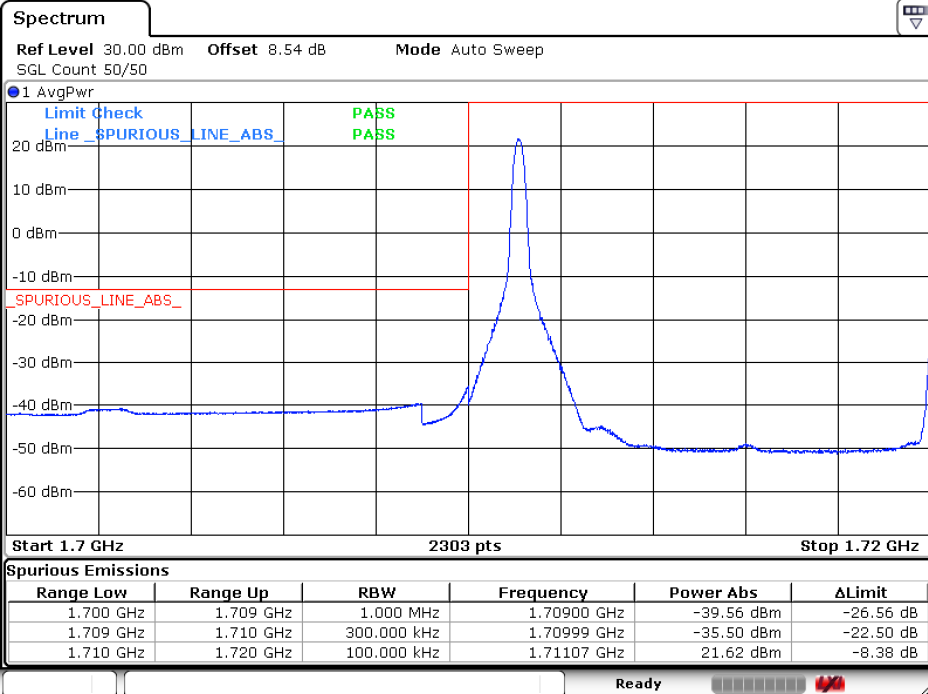


CA 2A-66A 75RB+50RB 64QAM 19125+132622 75RB#0+50RB#0 Band66



Date: 26.AUG.2020 20:04:16

CA 2A-66A 100RB+100RB QPSK 18700+132072 1RB#0+1RB#0 Band66



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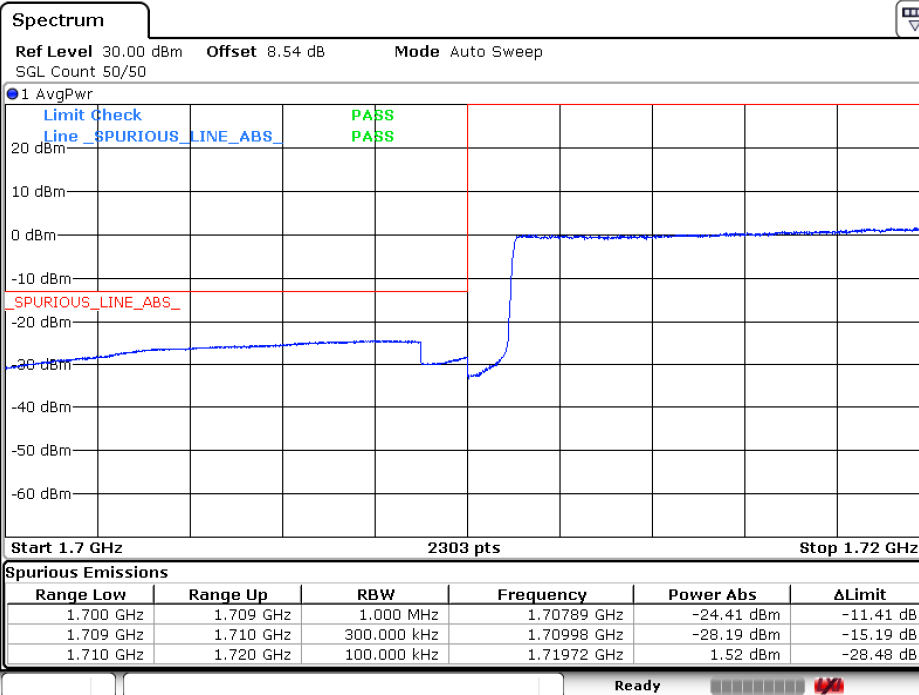
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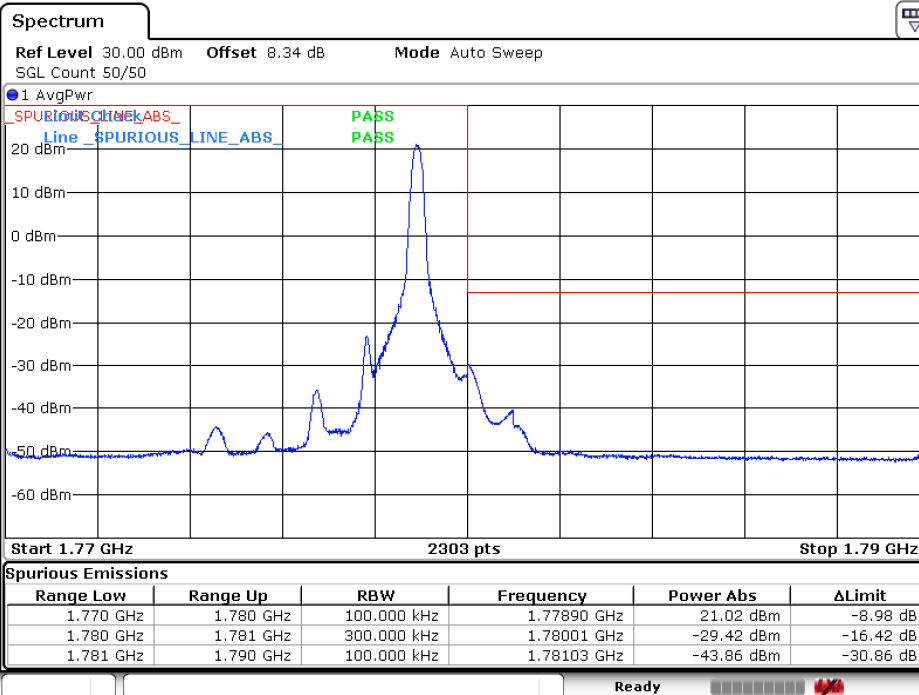
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CA 2A-66A 100RB+100RB QPSK 18700+132072 100RB#0+100RB#0 Band66



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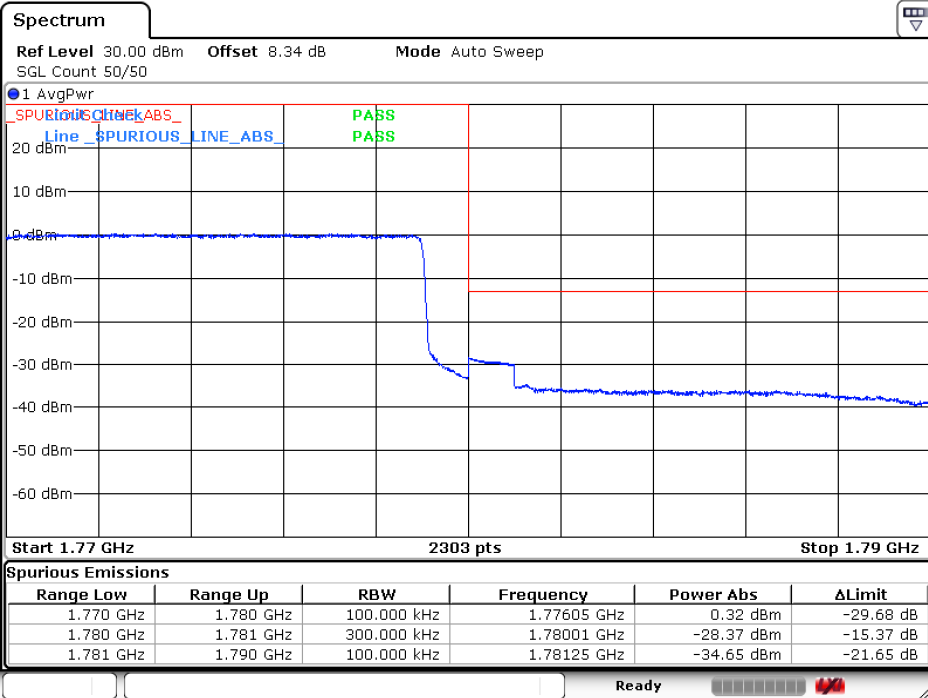
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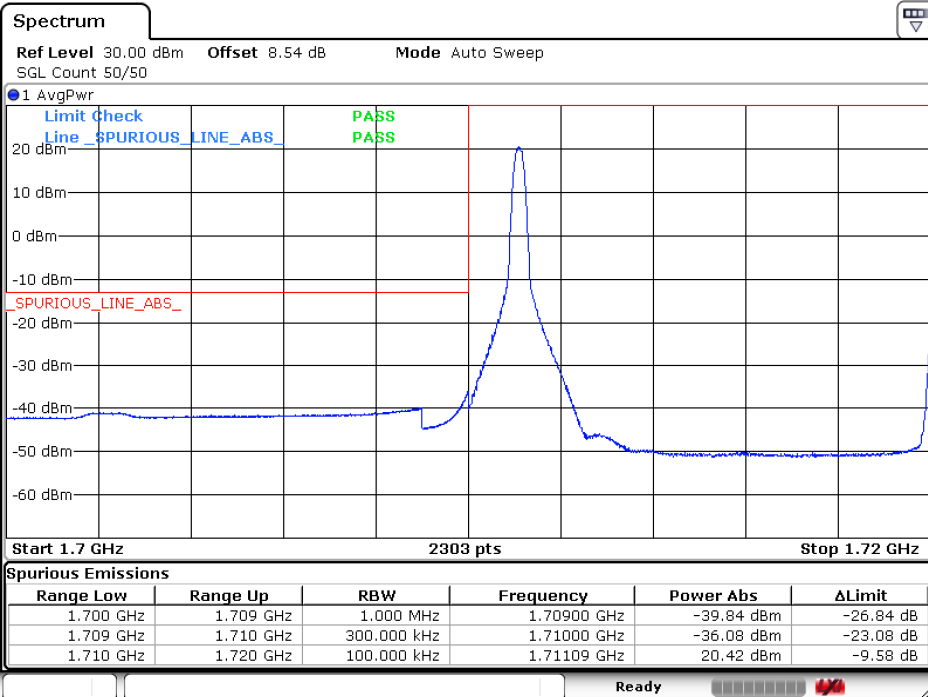


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Date: 26.AUG.2020 19:52:29



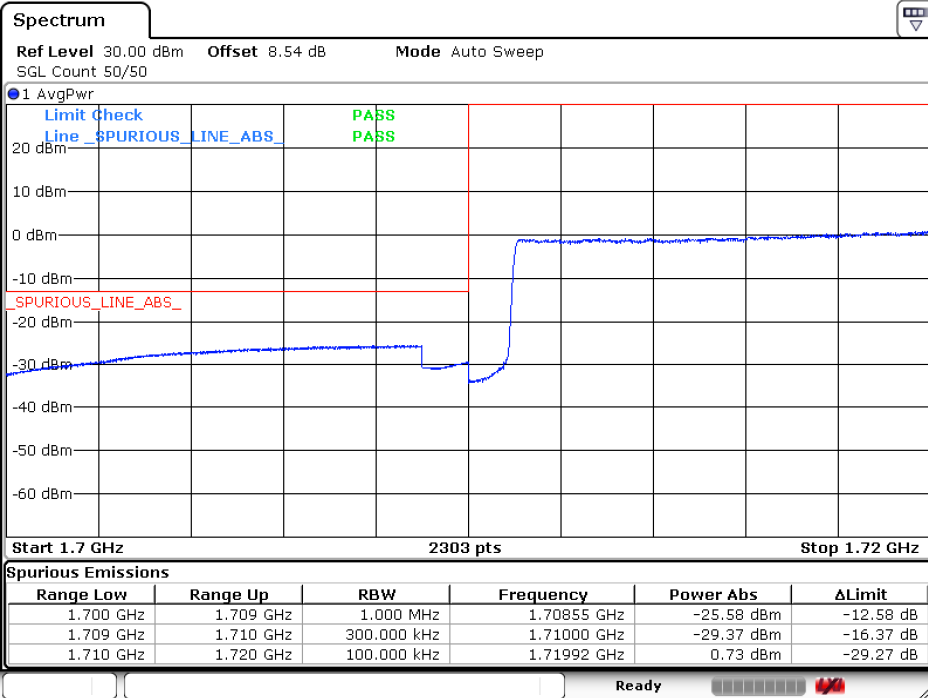
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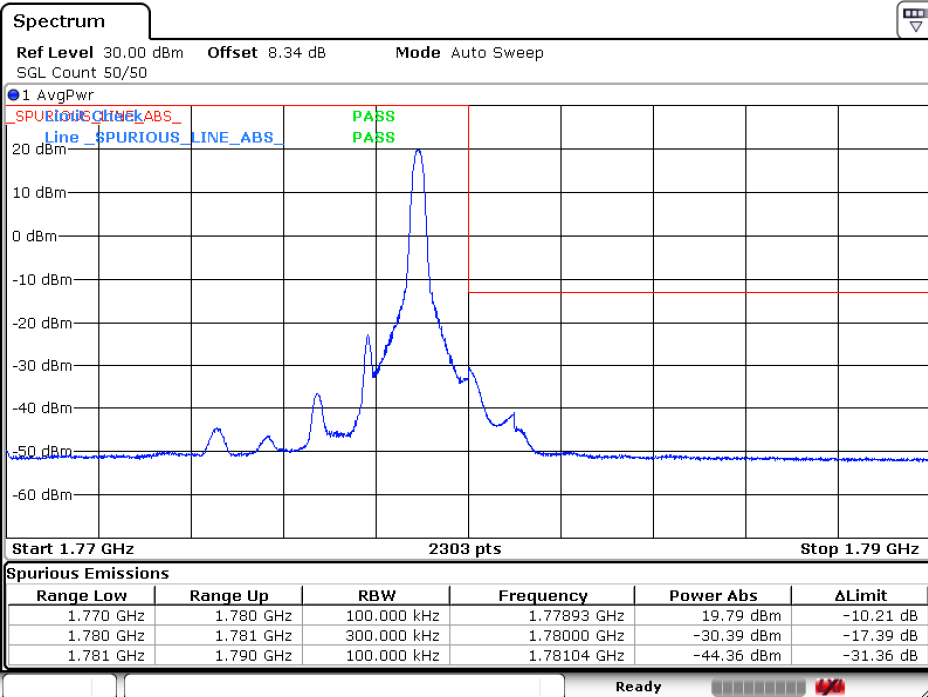
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CA 2A-66A 100RB+100RB 16QAM 18700+132072 100RB#0+100RB#0 Band66



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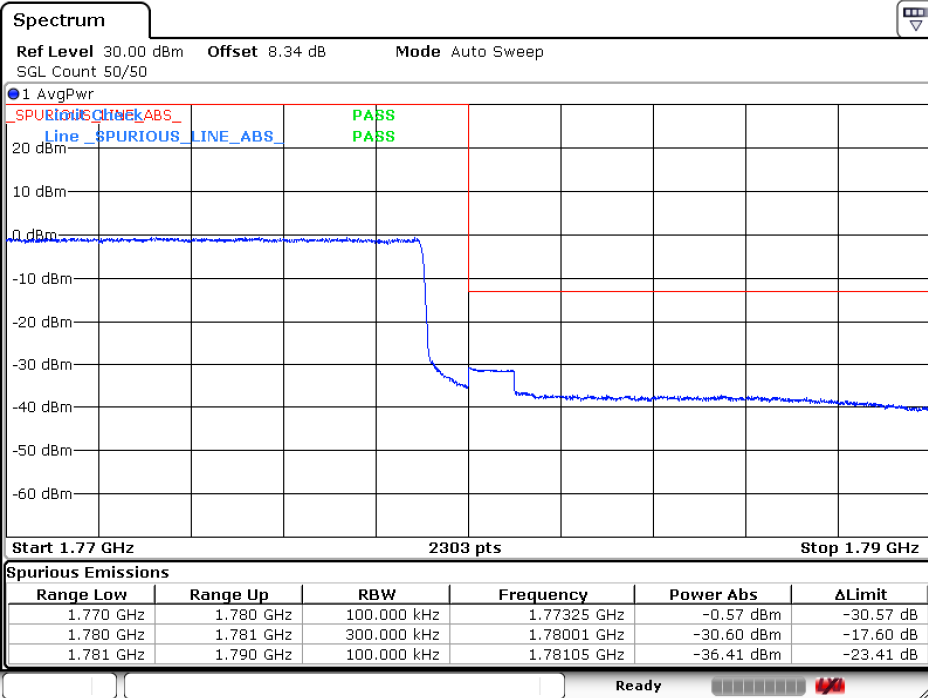
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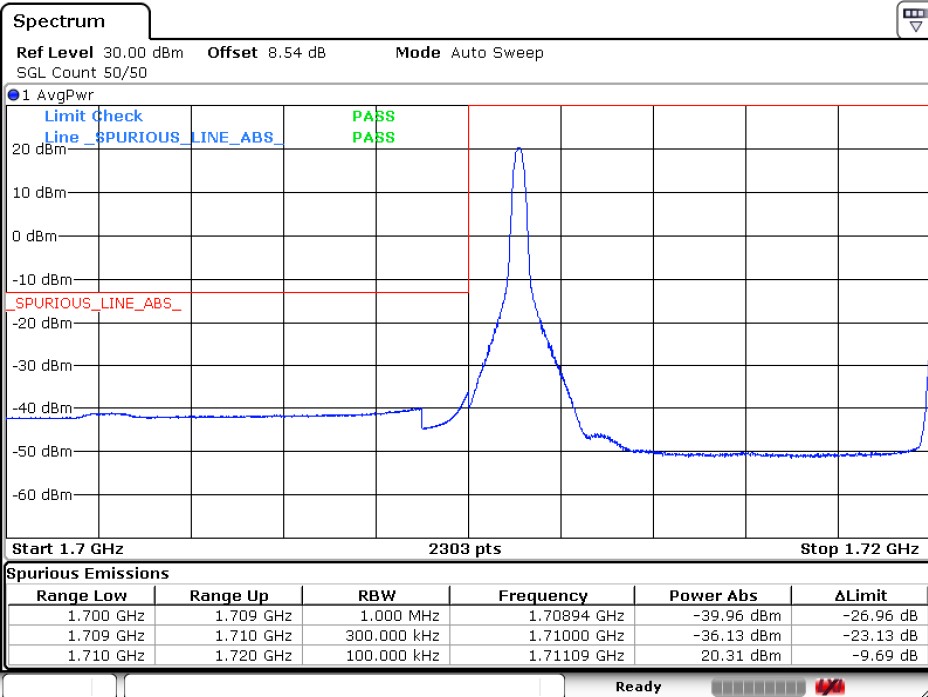


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Date: 26.AUG.2020 20:07:06

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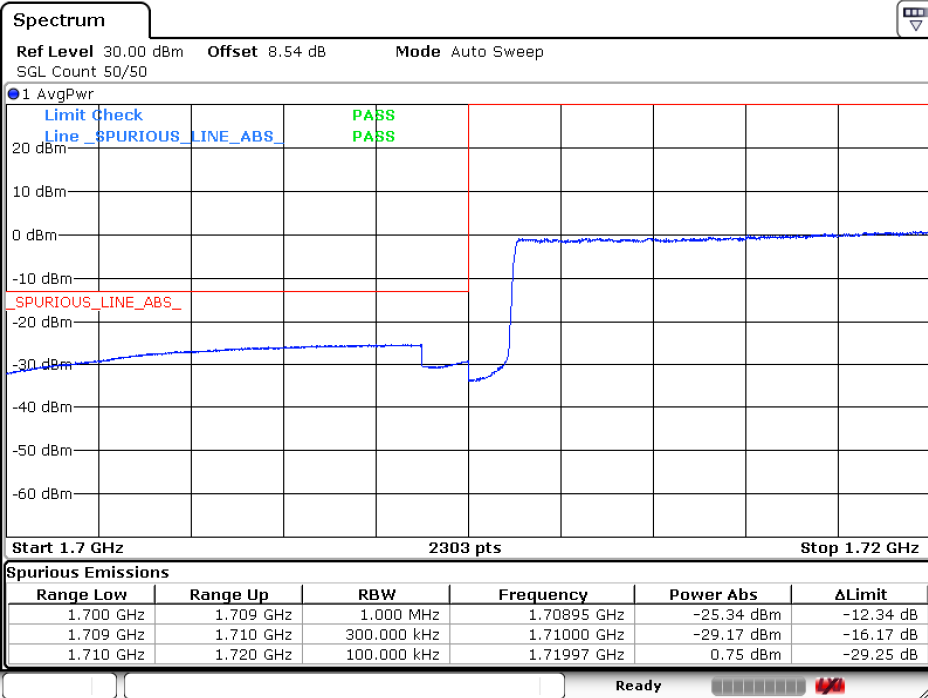
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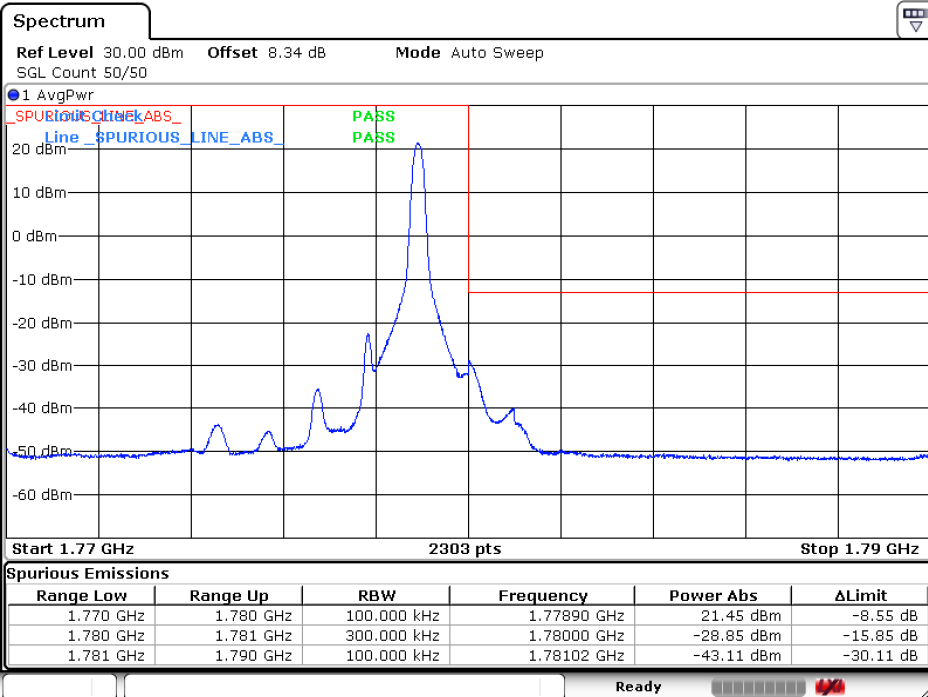
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CA 2A-66A 100RB+100RB 64QAM 18700+132072 100RB#0+100RB#0 Band66



Date: 26.AUG.2020 19:54:22

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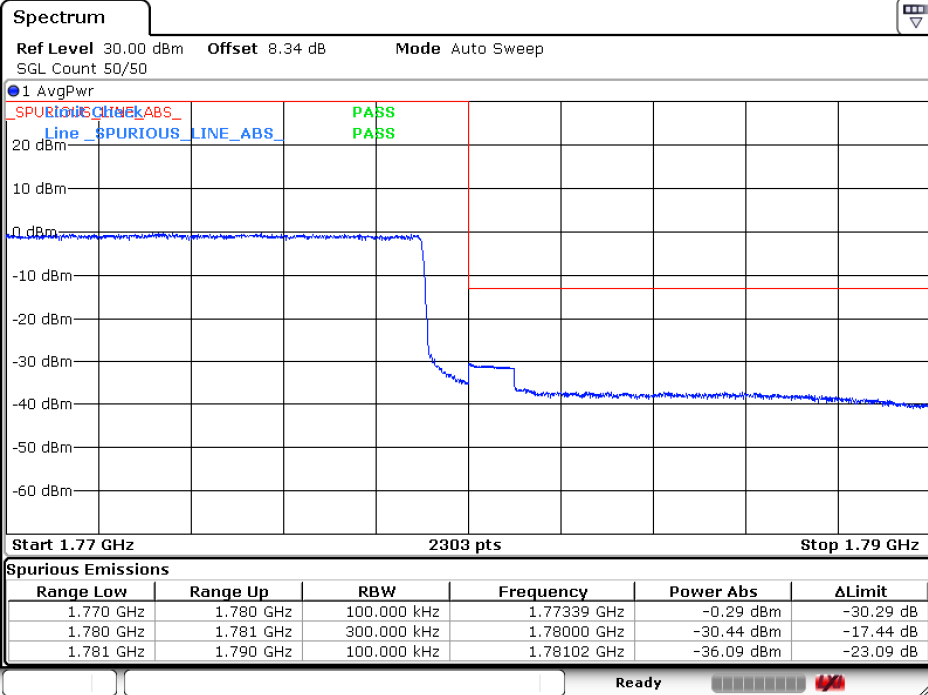


Date: 26.AUG.2020 20:05:46





CA_2A-66A_100RB+100RB_64QAM_19100+132572_100RB#0+100RB#0_Band66



Date: 26.AUG.2020 20:06:33



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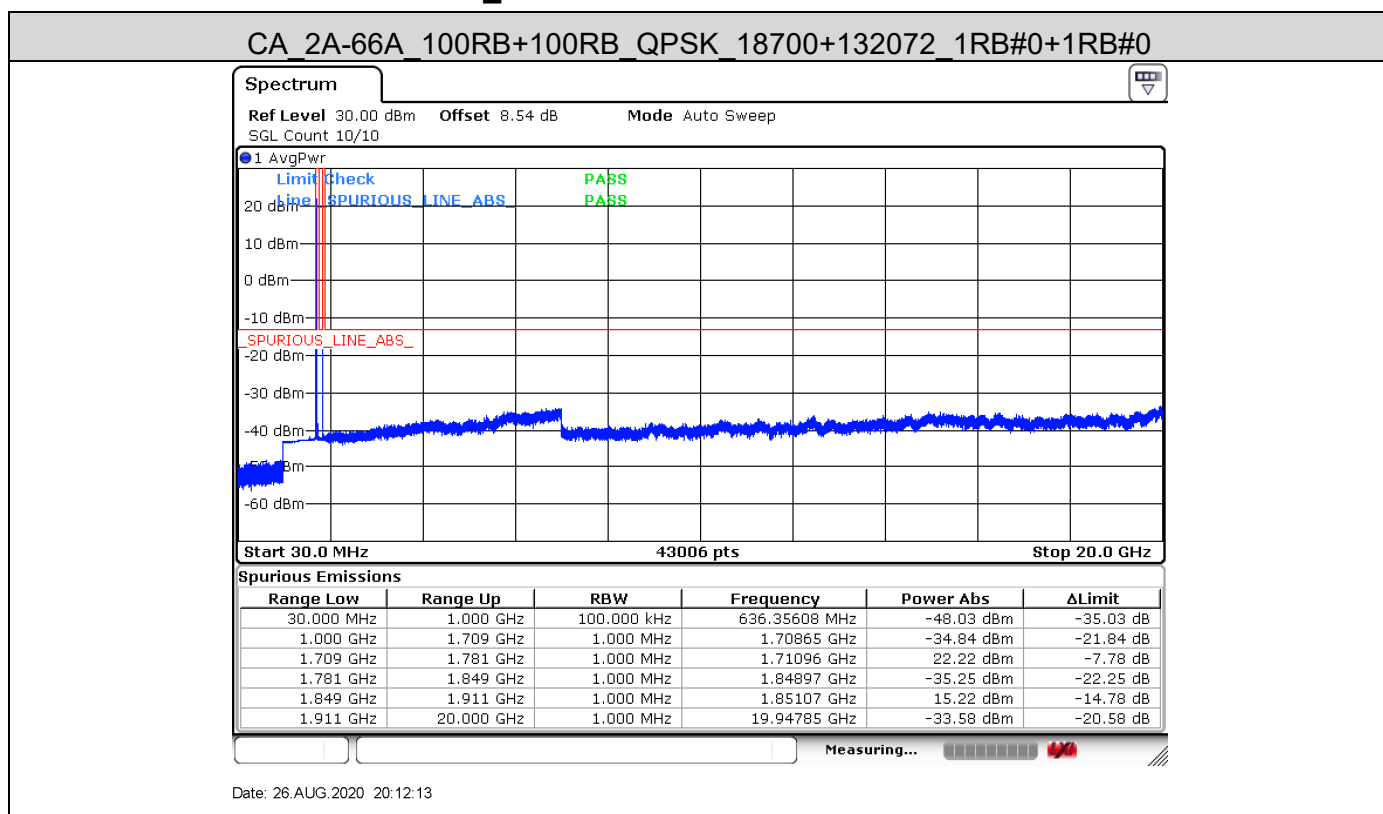
3 Spurious Emission at Antenna Terminal

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

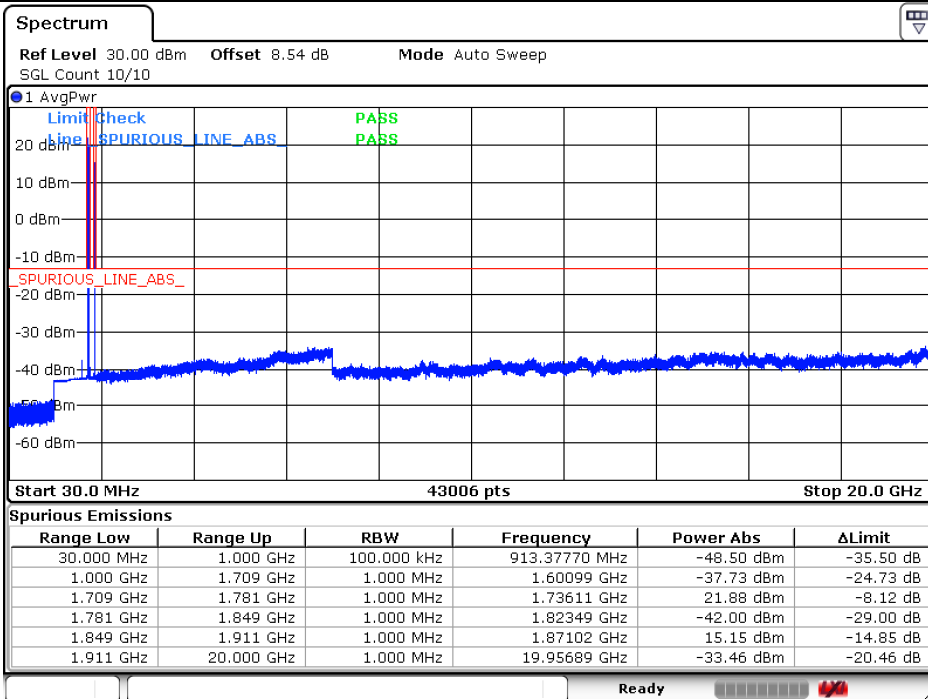
Part I - Test Plots

3.1 For LTE

3.1.1 Test Band = LTE Band CA_2A-66A



CA 2A-66A 100RB+100RB QPSK 18900+132322 1RB#0+1RB#0



Date: 26.AUG.2020 20:12:56

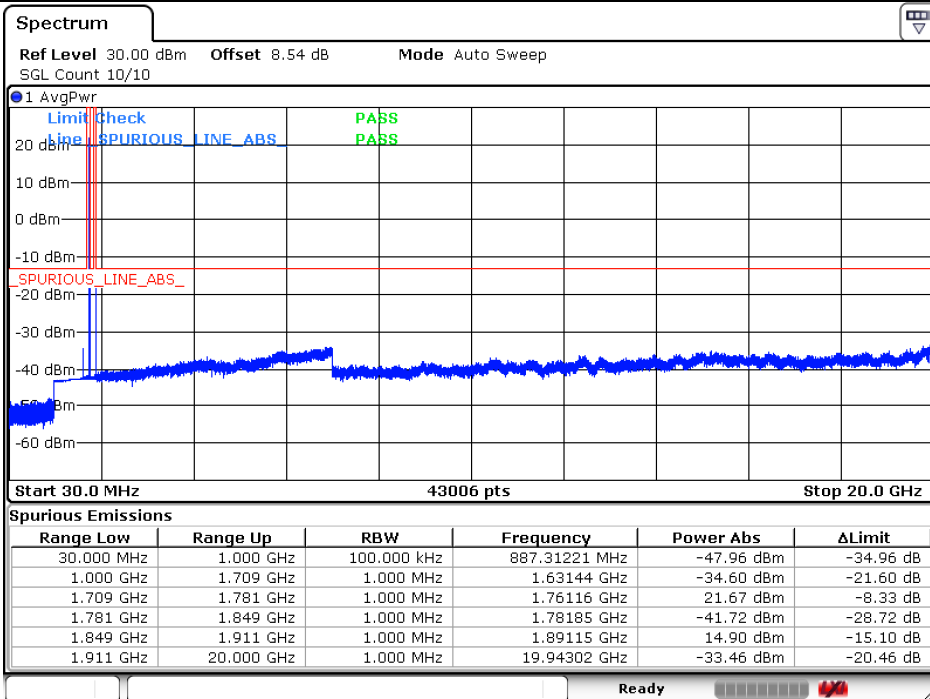
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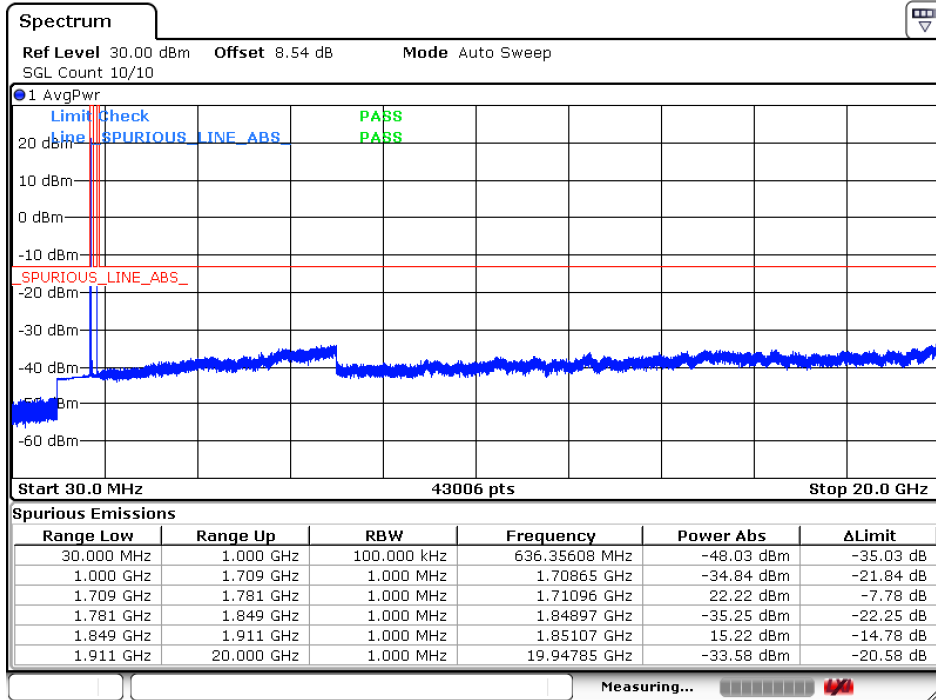
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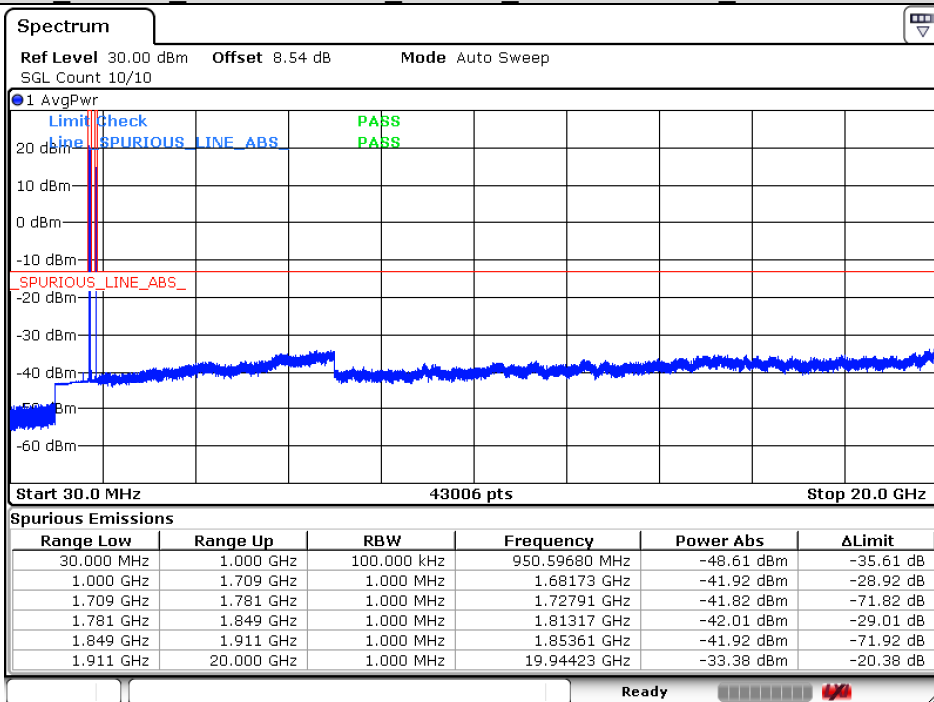
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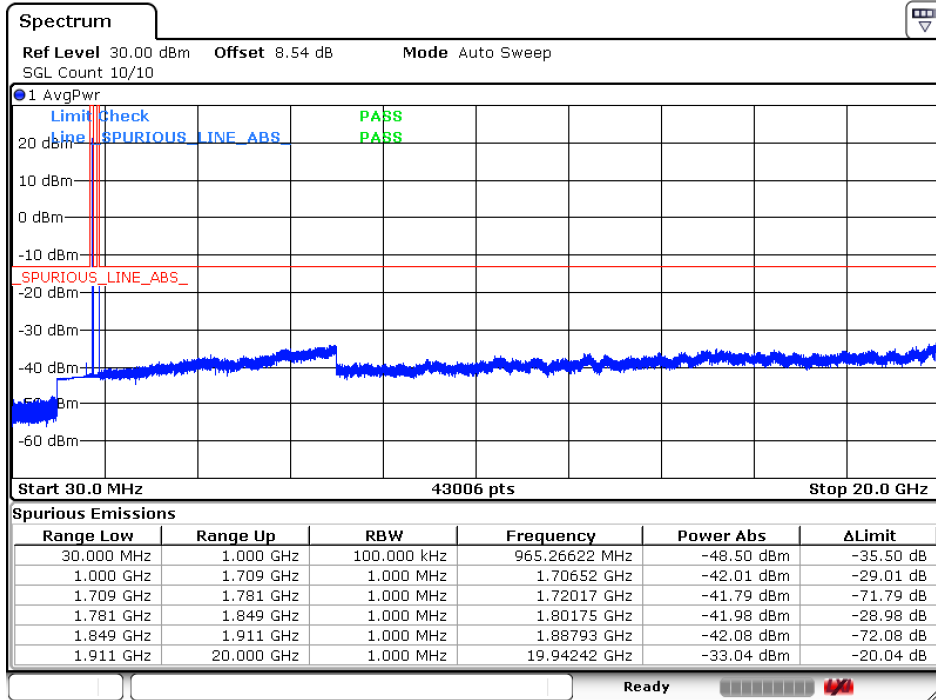
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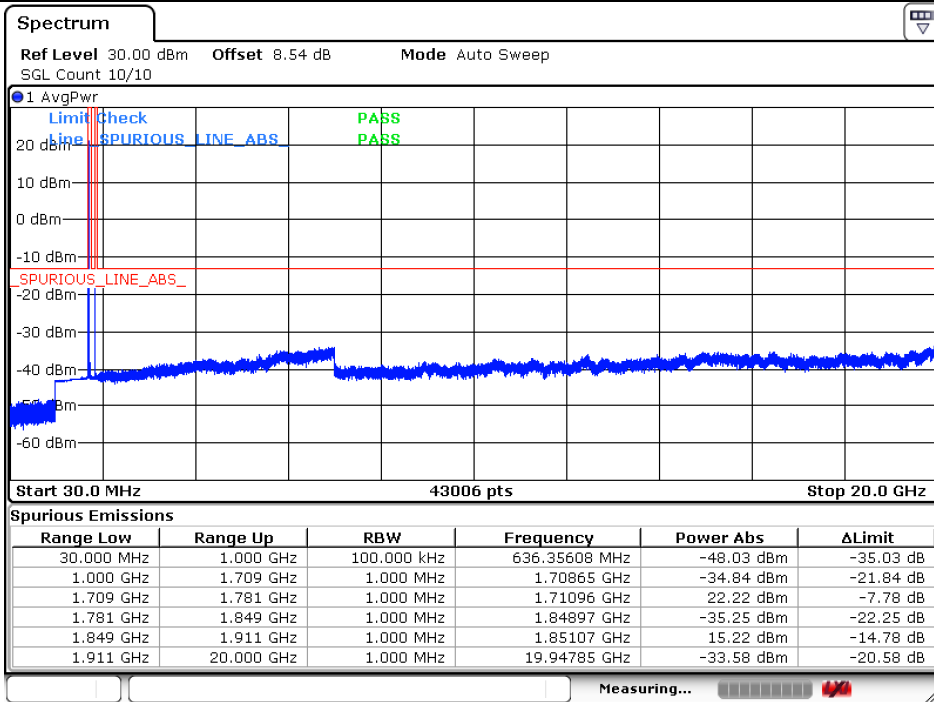
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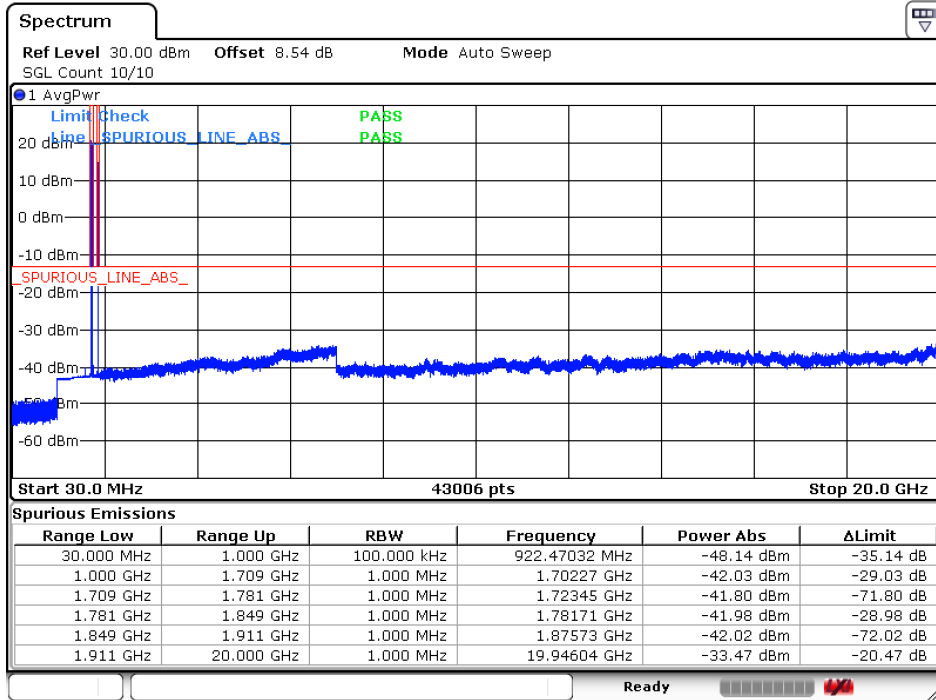
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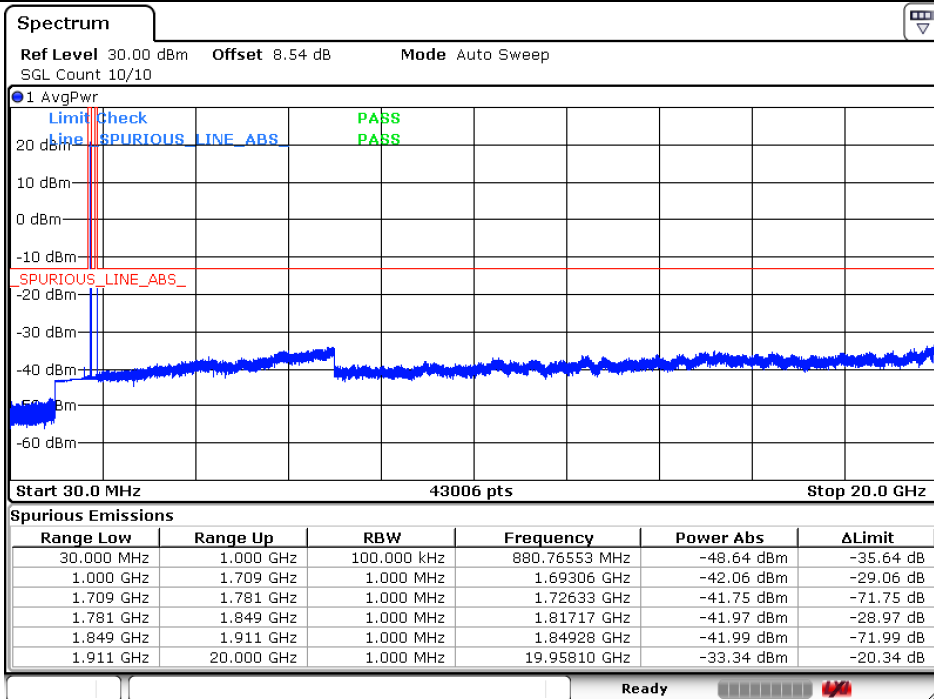
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CA 2A-66A 100RB+100RB 64QAM 19100+132572 1RB#0+1RB#0



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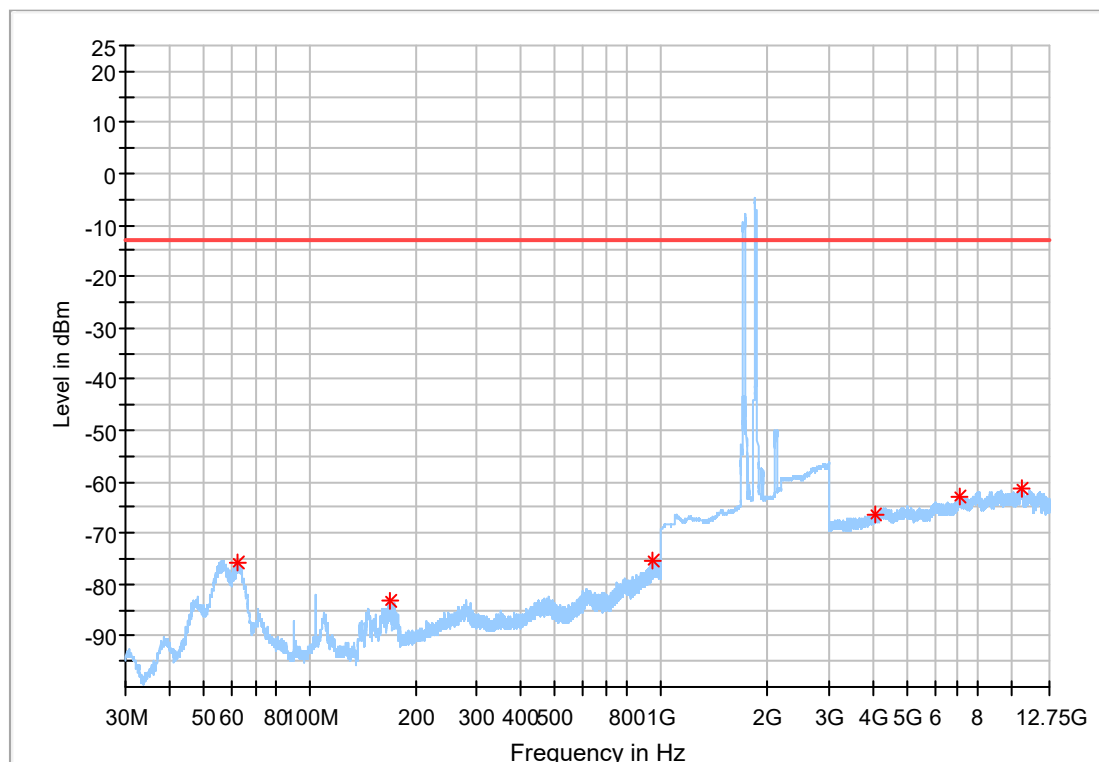
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4 Field Strength of Spurious Radiation

4.1 Test Mode =LTE/TM1 20&20 MHz_Ant Down

4.1.1 Test Channel = LCH_Horizontal

Full Spectrum



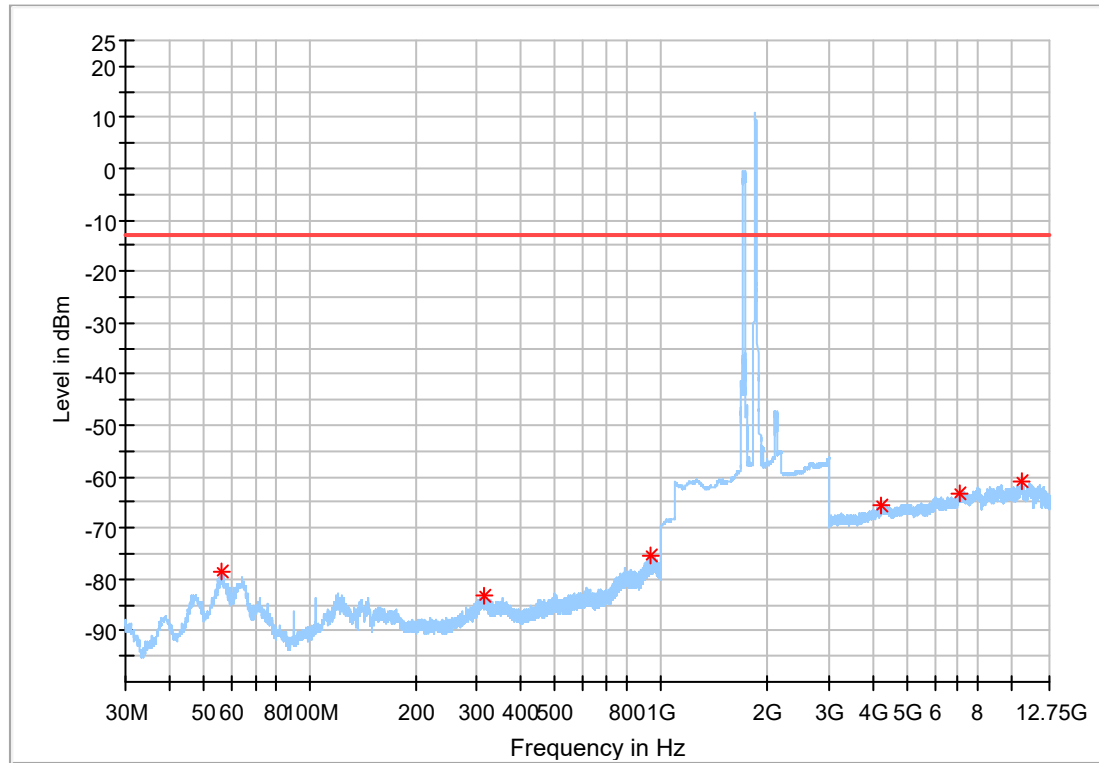
Critical_Freqs

Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
62.450000	-75.60	-13.00	62.60	---	---	200.0	H	60.0	-95.1
168.850000	-83.35	-13.00	70.35	---	---	200.0	H	312.0	-107.3
951.645833	-75.37	-13.00	62.37	---	---	200.0	H	74.0	-91.9
4045.525000	-66.52	-13.00	53.52	---	---	200.0	H	0.0	-103.6
7064.775000	-62.93	-13.00	49.93	---	---	200.0	H	0.0	-99.0
10653.425000	-61.16	-13.00	48.16	---	---	200.0	H	62.0	-96.5



4.1.2 Test Channel = LCH_Vertical

Full Spectrum



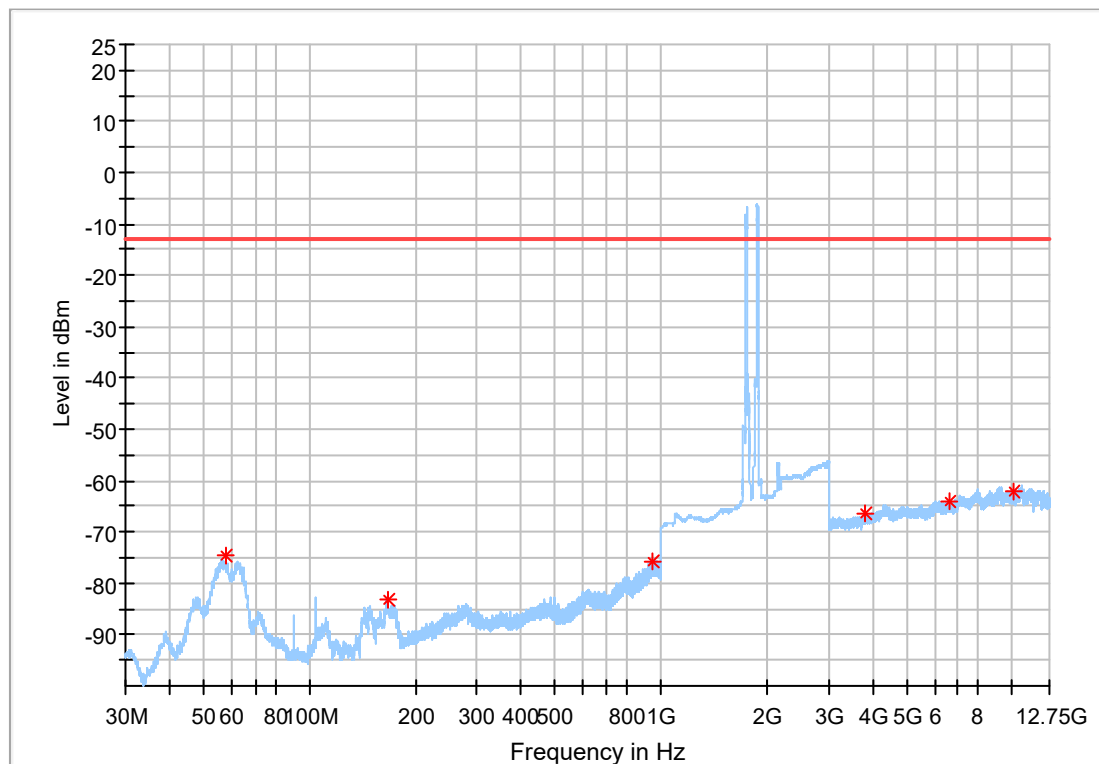
Critical_Freqs

Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
56.300000	-78.37	-13.00	65.37	---	---	200.0	V	1.0	-101.4
316.100000	-83.02	-13.00	70.02	---	---	200.0	V	330.0	-102.0
929.554167	-75.40	-13.00	62.40	---	---	200.0	V	0.0	-93.0
4237.600000	-65.49	-13.00	52.49	---	---	200.0	V	131.0	-103.1
7050.150000	-63.36	-13.00	50.36	---	---	200.0	V	95.0	-98.9
10658.300000	-60.89	-13.00	47.89	---	---	200.0	V	50.0	-96.3



4.1.3 Test Channel = MCH_Horizontal

Full Spectrum



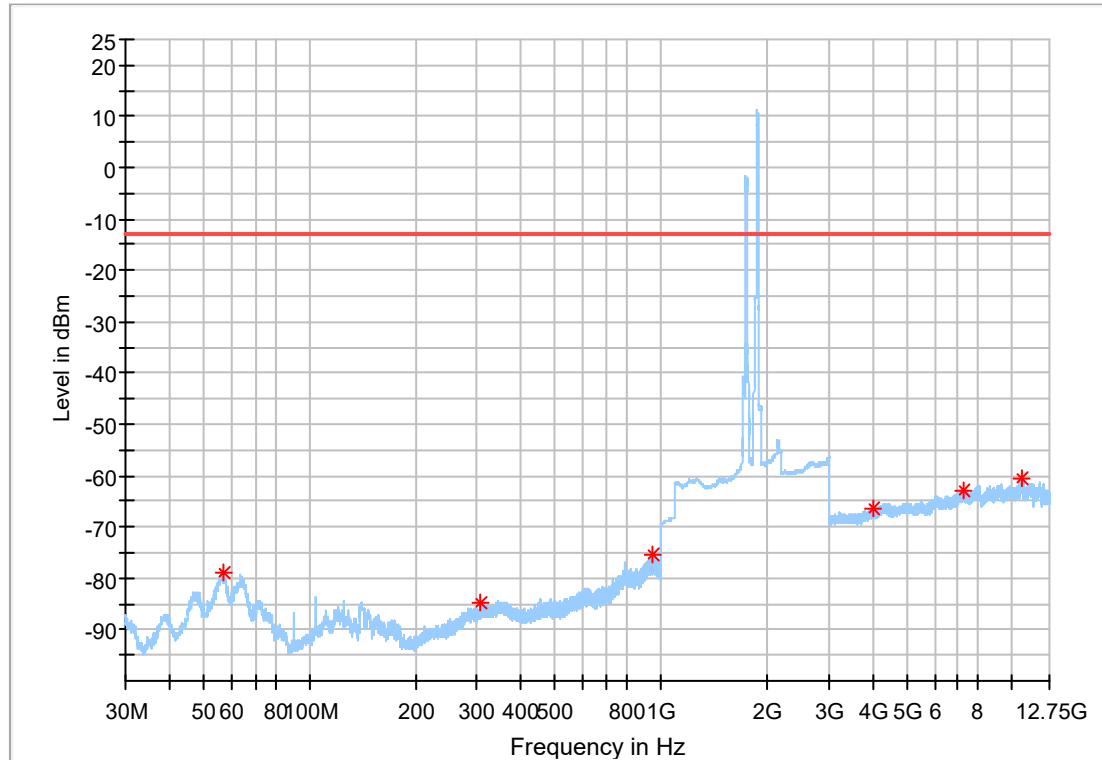
Critical_Freqs

Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
58.150000	-74.79	-13.00	61.79	---	---	200.0	H	0.0	-95.6
166.850000	-83.32	-13.00	70.32	---	---	200.0	H	320.0	-107.3
946.741667	-75.76	-13.00	62.76	---	---	200.0	H	72.0	-92.0
3801.125000	-66.39	-13.00	53.39	---	---	200.0	H	0.0	-104.3
6607.175000	-64.23	-13.00	51.23	---	---	200.0	H	29.0	-99.6
10022.600000	-62.05	-13.00	49.05	---	---	200.0	H	0.0	-97.4



4.1.4 Test Channel = MCH_Vertical

Full Spectrum



Critical_Freqs

Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
56.750000	-79.04	-13.00	66.04	---	---	200.0	V	0.0	-101.2
307.050000	-84.72	-13.00	71.72	---	---	200.0	V	1.0	-102.2
948.804167	-75.34	-13.00	62.34	---	---	200.0	V	337.0	-92.3
4006.525000	-66.38	-13.00	53.38	---	---	200.0	V	40.0	-103.5
7292.925000	-62.98	-13.00	49.98	---	---	200.0	V	73.0	-99.5
10636.200000	-60.47	-13.00	47.47	---	---	200.0	V	0.0	-96.4



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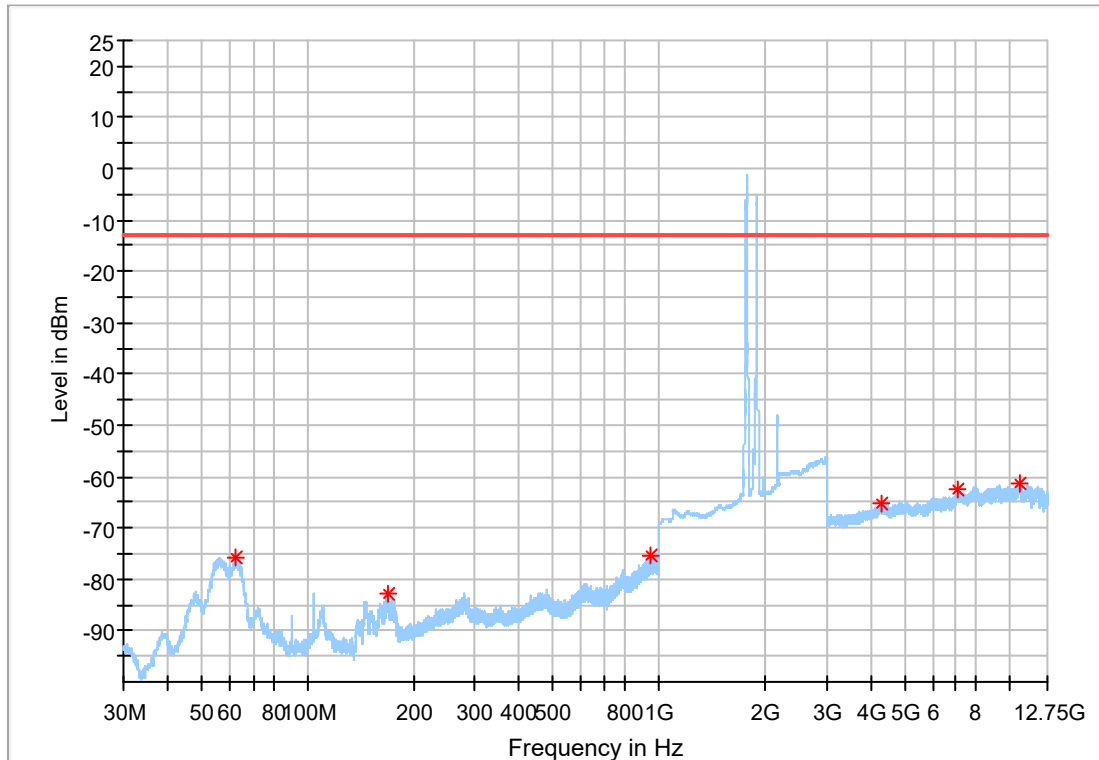
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4.1.5 Test Channel = HCH_Horizontal

Full Spectrum



Critical_Freqs

Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
62.850000	-75.64	-13.00	62.64	---	---	200.0	H	0.0	-95.5
169.600000	-82.89	-13.00	69.89	---	---	200.0	H	39.0	-107.3
948.895833	-75.38	-13.00	62.38	---	---	200.0	H	6.0	-91.9
4296.425000	-65.15	-13.00	52.15	---	---	200.0	H	338.0	-102.6
7064.450000	-62.53	-13.00	49.53	---	---	200.0	H	61.0	-99.0
10658.300000	-61.15	-13.00	48.15	---	---	200.0	H	118.0	-96.5



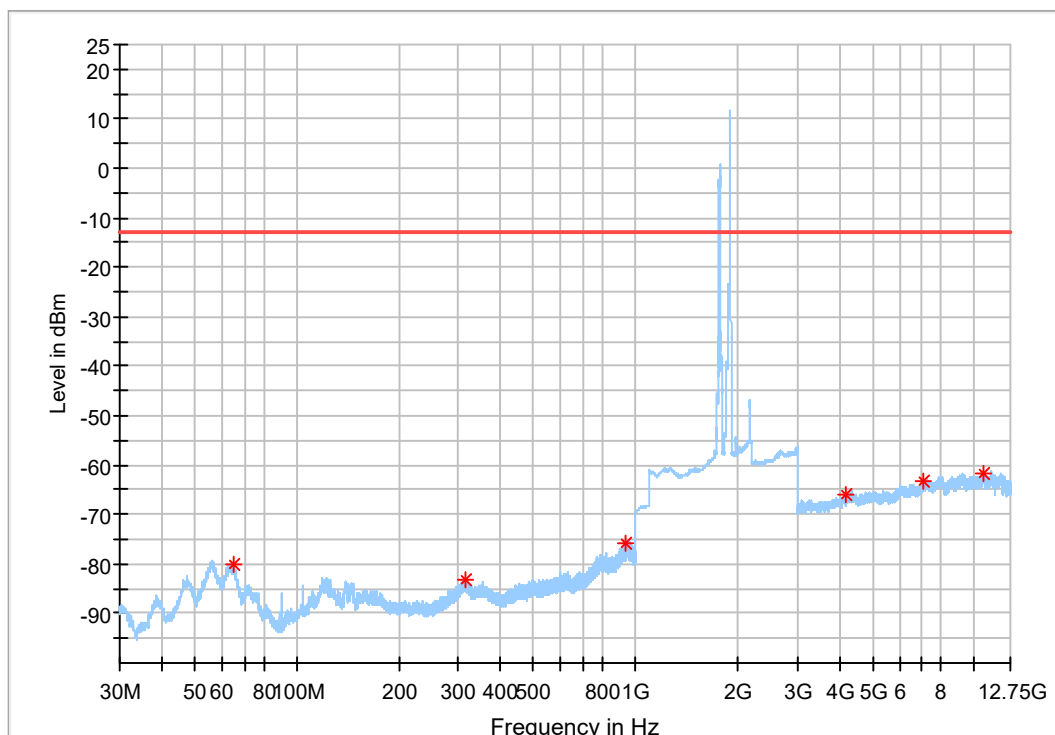
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4.1.6 Test Channel = HCH_Vertical

Full Spectrum



Critical_Freqs

Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
64.850000	-79.95	-13.00	66.95	---	---	200.0	V	77.0	-99.8
315.400000	-83.20	-13.00	70.20	---	---	200.0	V	50.0	-102.0
938.216667	-75.66	-13.00	62.66	---	---	200.0	V	0.0	-92.5
4198.600000	-66.07	-13.00	53.07	---	---	200.0	V	63.0	-103.2
7030.975000	-63.36	-13.00	50.36	---	---	200.0	V	340.0	-99.0
10644.975000	-61.60	-13.00	48.60	---	---	200.0	V	63.0	-96.4

Remark:

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

The End



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