



Appendix B

E-UTRA Band CA_2A-66A



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CONTENT

Page

1	EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA.....	3
1.1.1	MAX POWER TEST RESULT FOR LTE BAND CA_2A-66A	3
2	BAND EDGES COMPLIANCE	11
2.1	FOR LTE.....	11
2.1.1	Test Band = LTE Band CA_2A-66A.....	11
3	SPURIOUS EMISSION AT ANTENNA TERMINAL	36
3.1	FOR LTE.....	36
3.1.1	Test Band = LTE Band CA_2A-66A.....	36
4	FIELD STRENGTH OF SPURIOUS RADIATION	45
4.1	TEST MODE =LTE/TM1 20&20 MHZ_ ANT DOWN.....	45
4.1.1	TEST CHANNEL = LCH_ HORIZONTAL.....	45
4.1.2	TEST CHANNEL = LCH_ VERTICAL.....	46
4.1.3	TEST CHANNEL = MCH_ HORIZONTAL	47
4.1.4	TEST CHANNEL = MCH_ VERTICAL	48
4.1.5	TEST CHANNEL = HCH_ HORIZONTAL	49
4.1.6	TEST CHANNEL = HCH_ VERTICAL.....	50



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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
Band2	20MHz	QPSK	18900	1RB#0	22.18	26.18	33	PASS



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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
Band2	20MHz	16QAM	18700	100RB#0	20.28	24.28	33	PASS
Band2	20MHz	16QAM	18900	1RB#99	21.21	25.21	33	PASS



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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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SCC

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
Band66	10MHz	64QAM	132622	1RB#0	21.73	25.73	30	PASS



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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
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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
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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
Band66	20MHz	QPSK	132572	1RB#99	22.58	26.58	30	PASS



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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
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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
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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
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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



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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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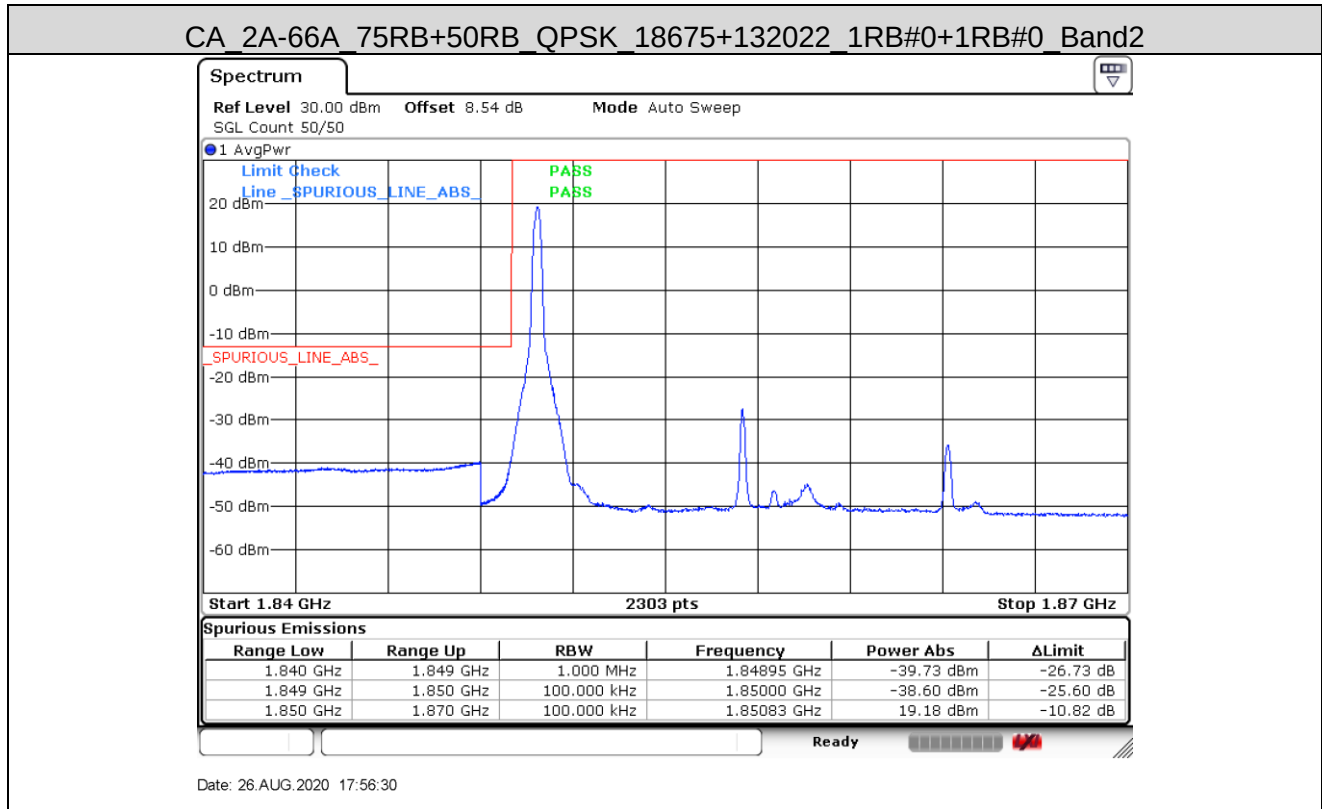
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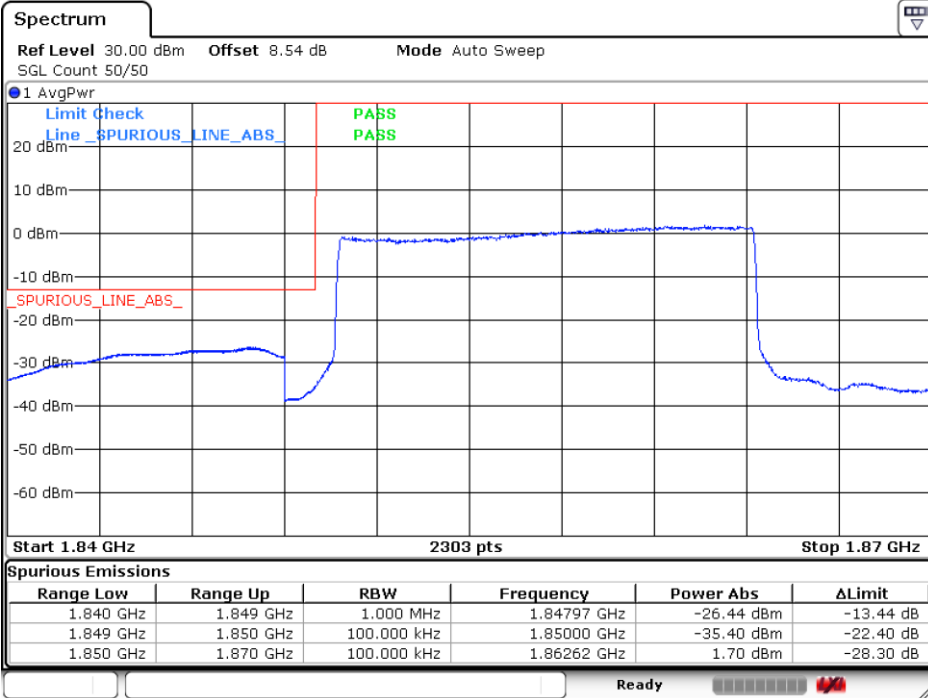
2 Band Edges Compliance

2.1 For LTE

2.1.1 Test Band = LTE Band CA_2A-66A

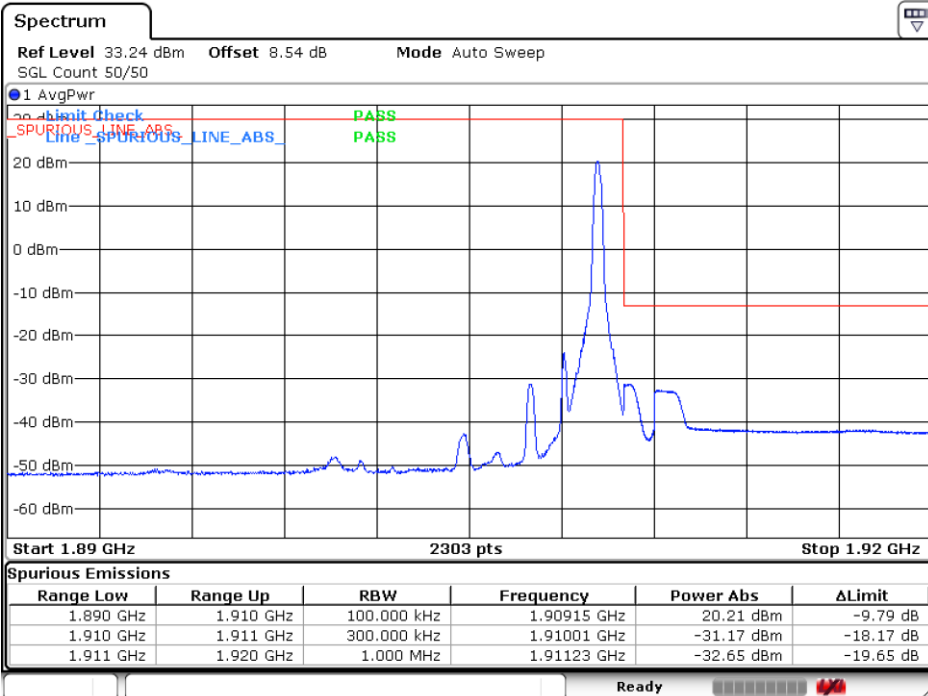


CA 2A-66A 75RB+50RB QPSK 18675+132022 75RB#0+50RB#0 Band2



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

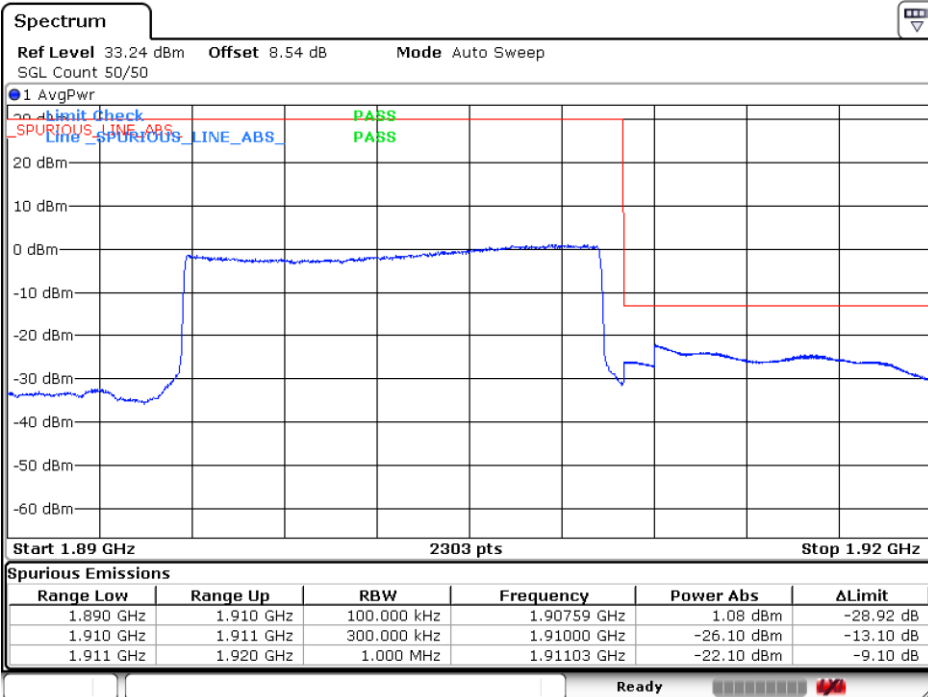


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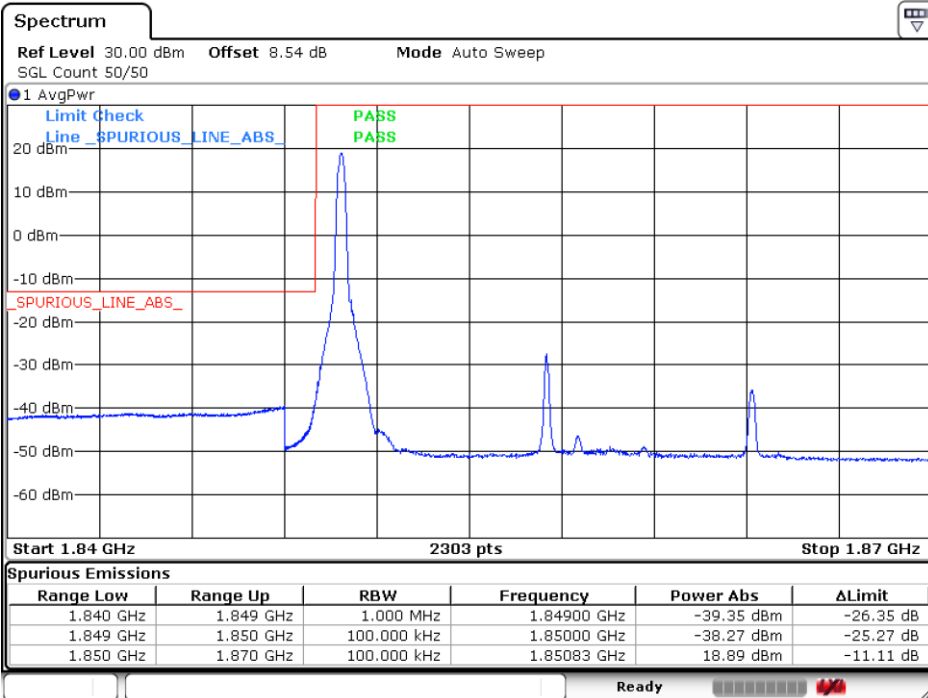
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CA 2A-66A 75RB+50RB QPSK 19125+132622 75RB#0+50RB#0 Band2



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

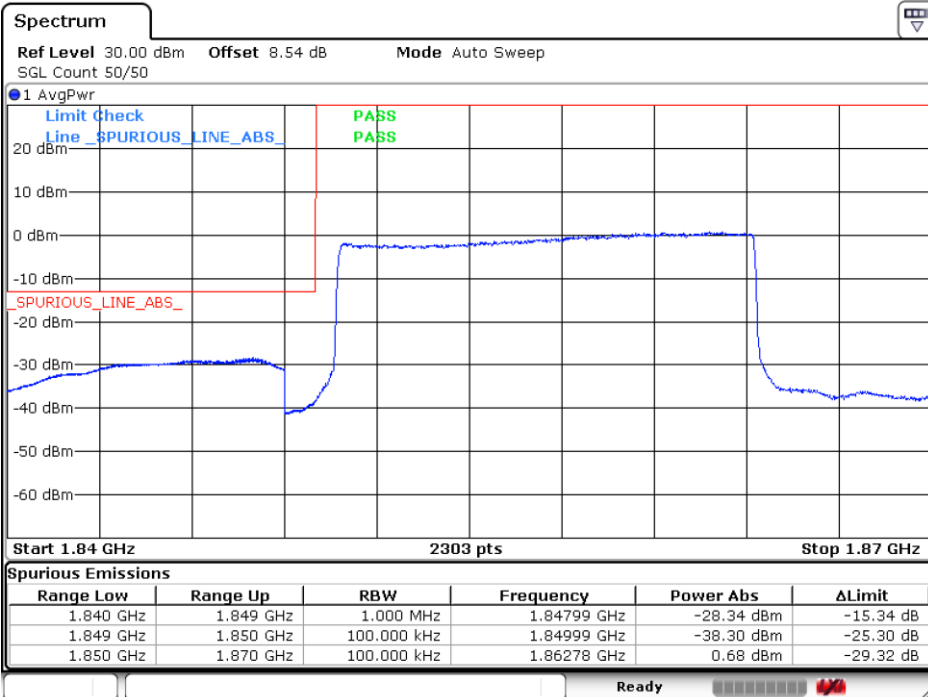
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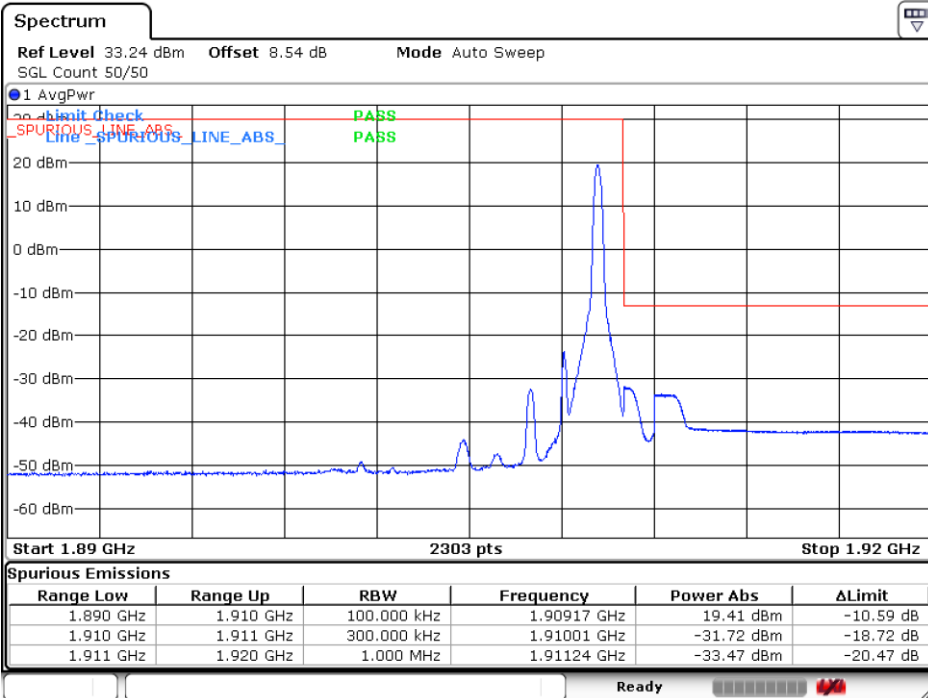


CA 2A-66A 75RB+50RB 16QAM 18675+132022 75RB#0+50RB#0 Band2



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

CA 2A-66A 75RB+50RB 16QAM 19125+132622 1RB#74+1RB#49 Band2



Date: 26.AUG.2020 18:47:24

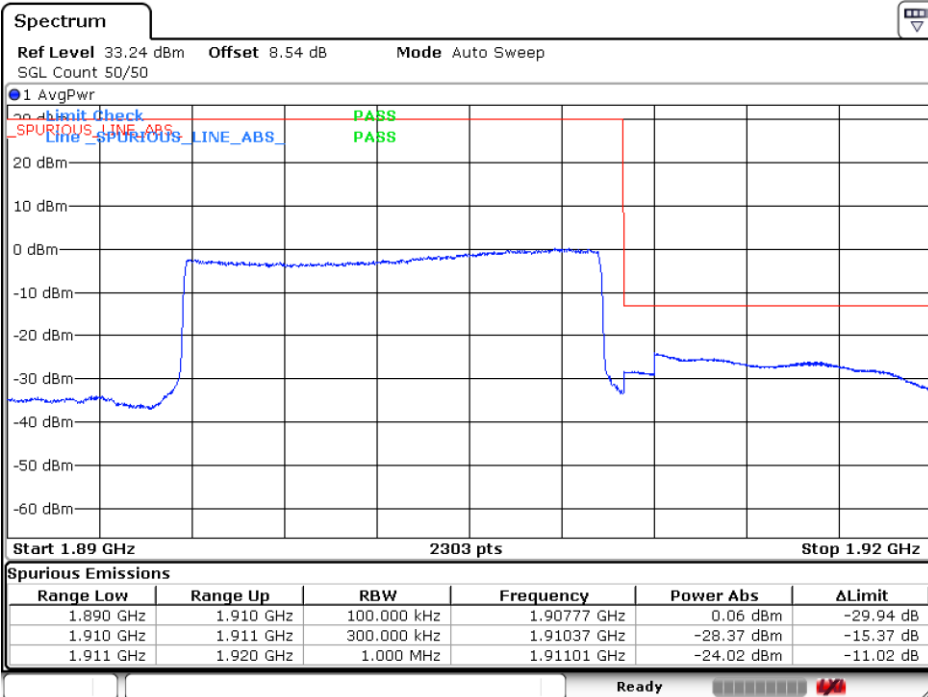


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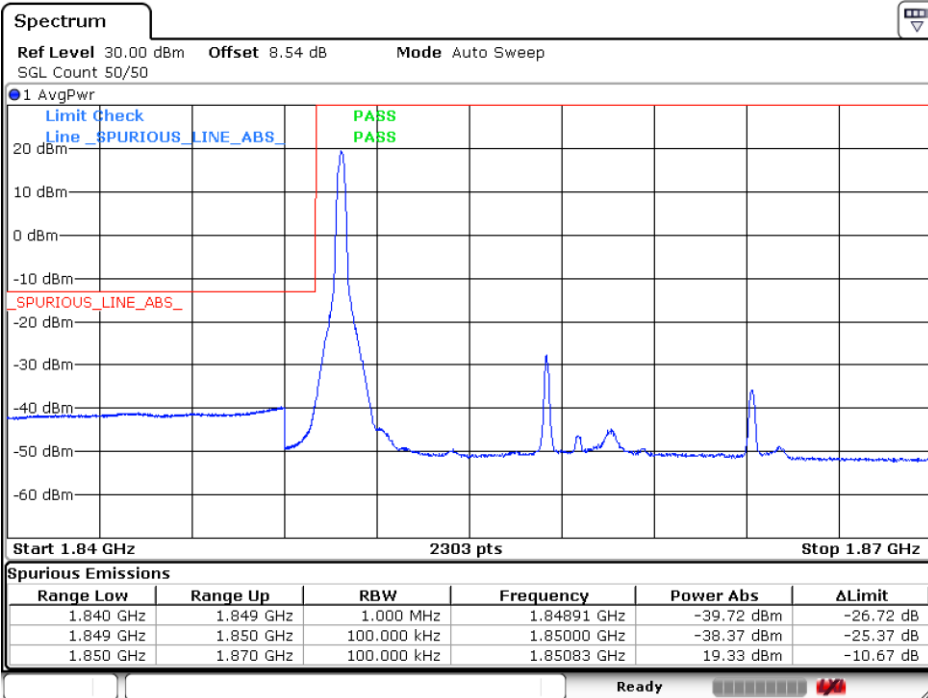
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CA 2A-66A 75RB+50RB 16QAM 19125+132622 75RB#0+50RB#0 Band2



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

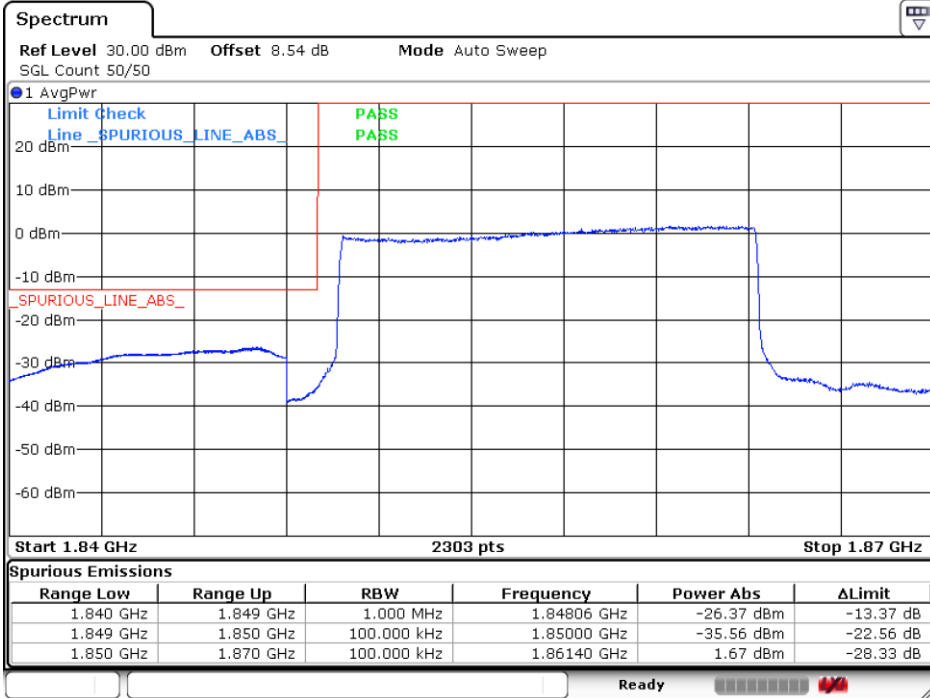
CA 2A-66A 75RB+50RB 64QAM 18675+132022 1RB#0+1RB#0 Band2



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

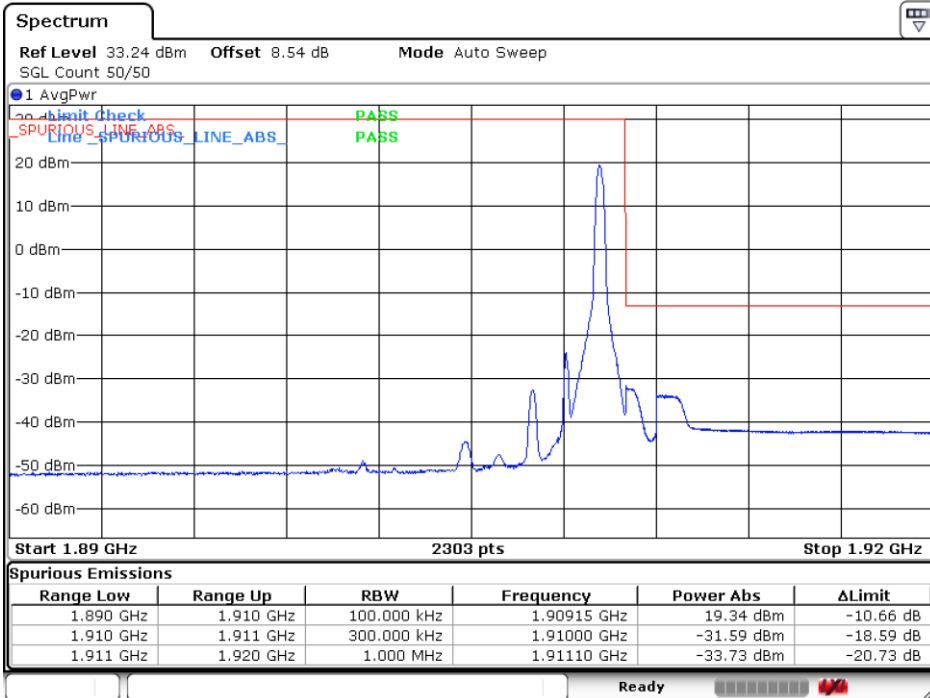


CA 2A-66A 75RB+50RB 64QAM 18675+132022 75RB#0+50RB#0 Band2



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

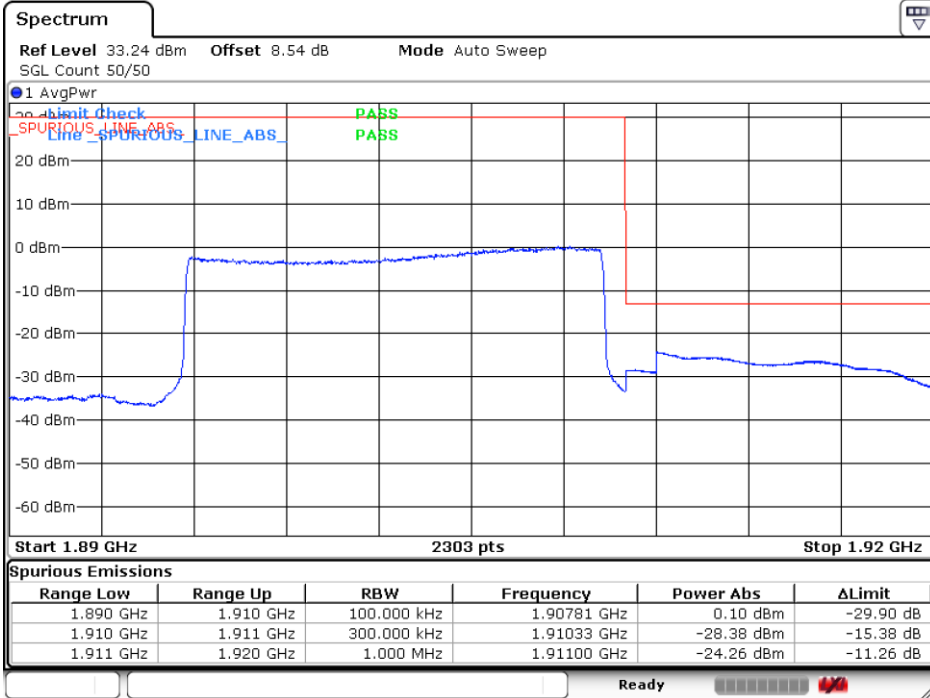


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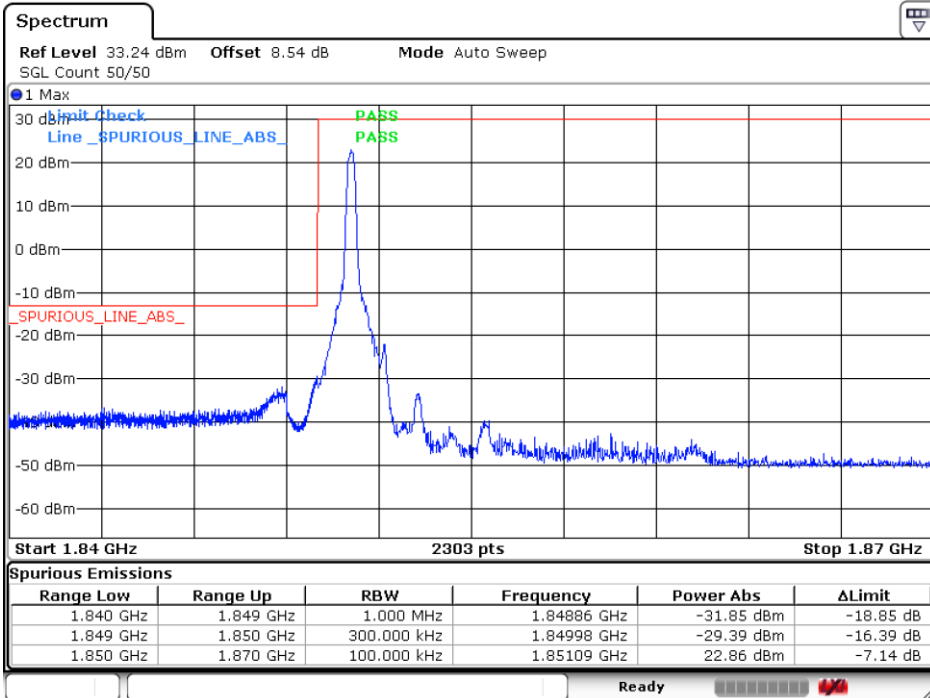
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CA 2A-66A 75RB+50RB 64QAM 19125+132622 75RB#0+50RB#0 Band2



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

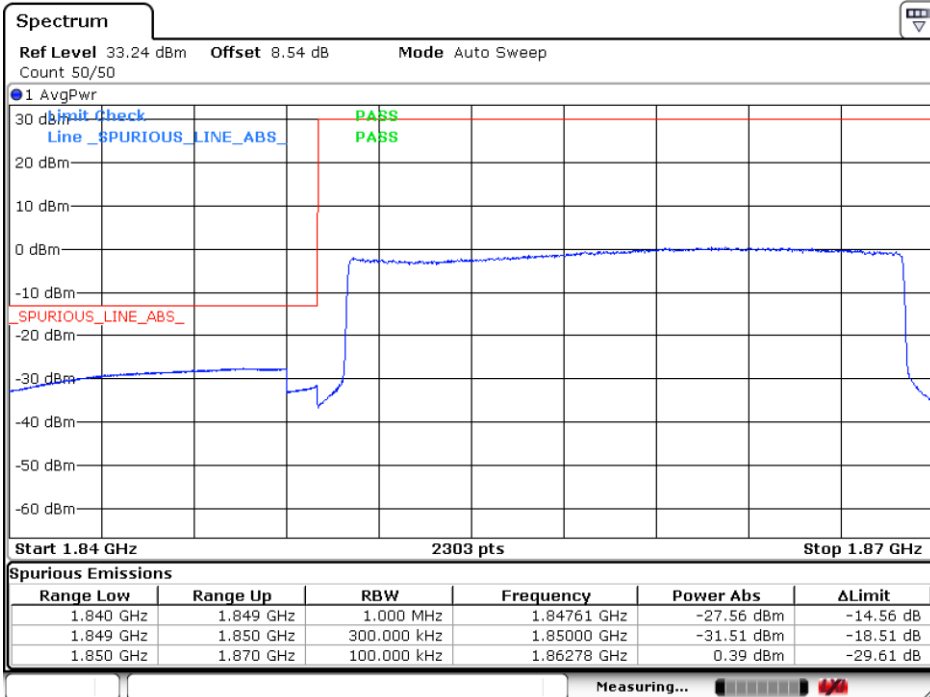


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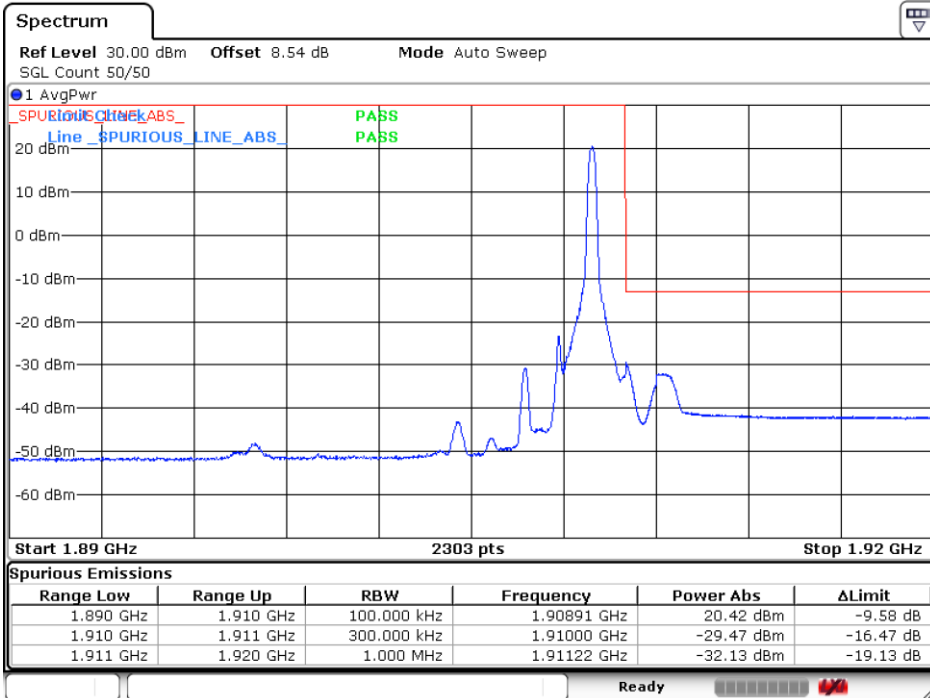
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CA 2A-66A 100RB+100RB QPSK 18700+132072 100RB#0+100RB#0 Band2



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

CA 2A-66A 100RB+100RB QPSK 19100+132572 1RB#99+1RB#99 Band2



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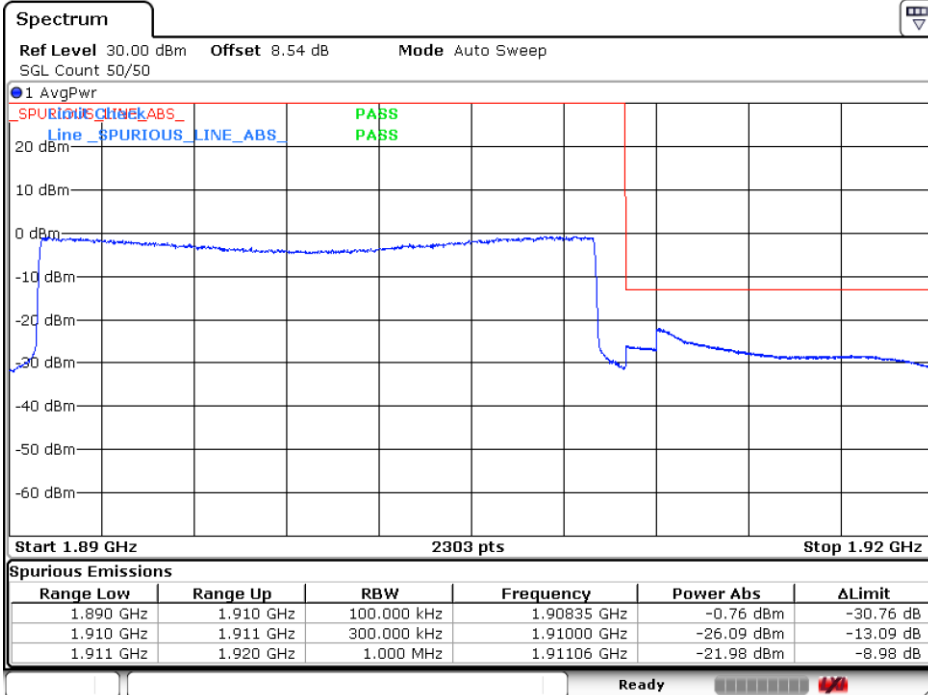


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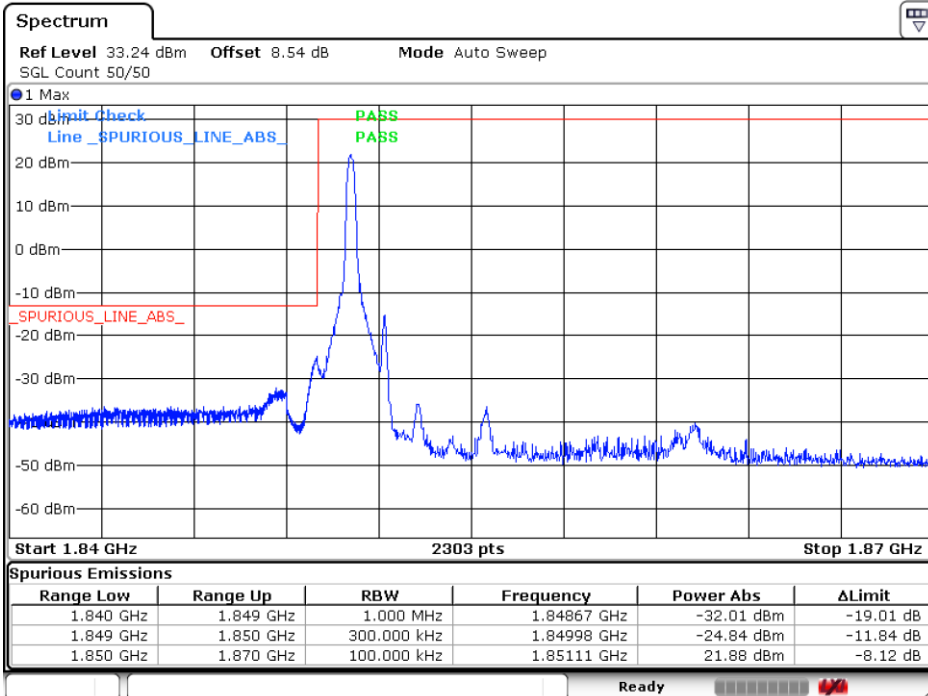
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CA 2A-66A 100RB+100RB QPSK 19100+132572 100RB#0+100RB#0 Band2



Date: 26.AUG.2020 17:43:40

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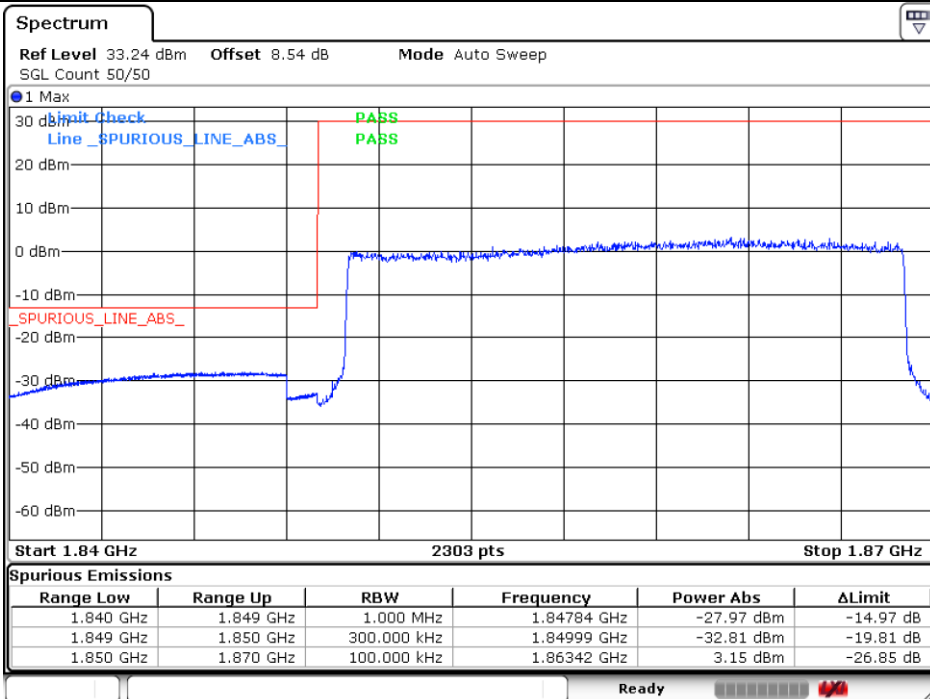


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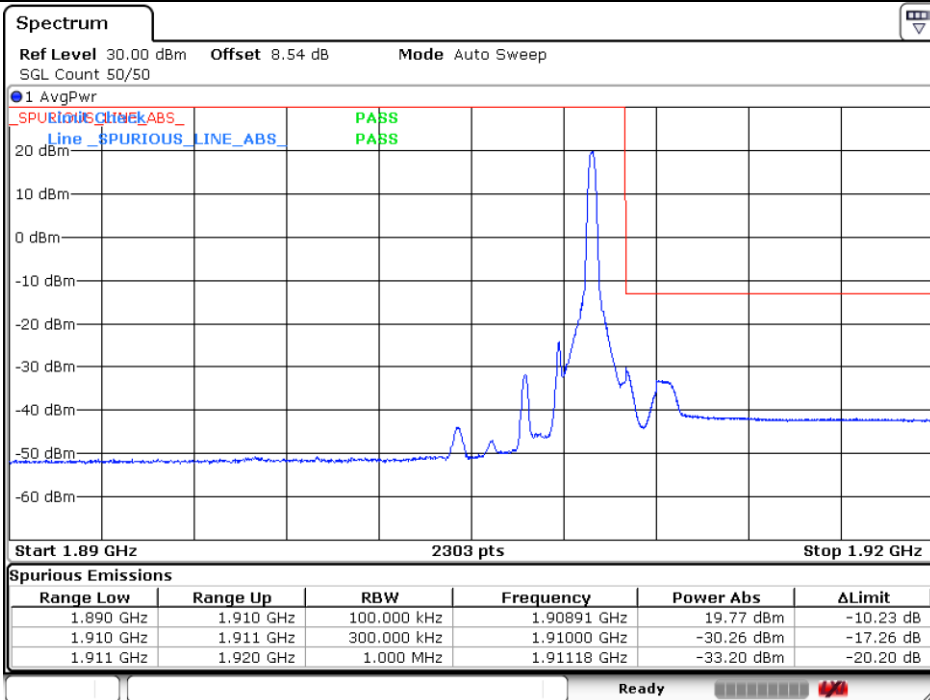
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CA 2A-66A 100RB+100RB 16QAM 18700+132072 100RB#0+100RB#0 Band2



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

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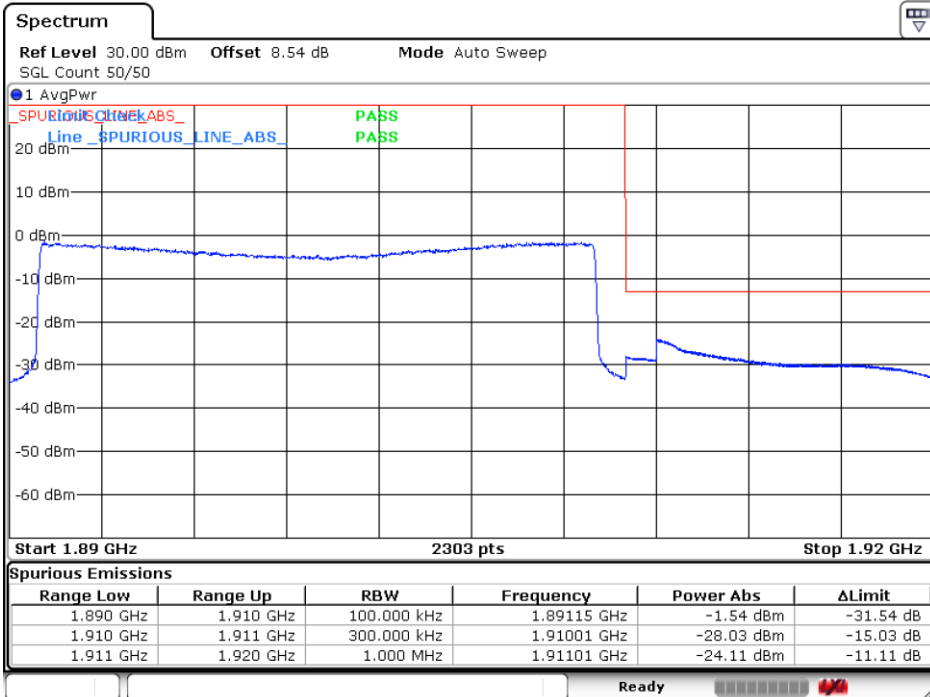


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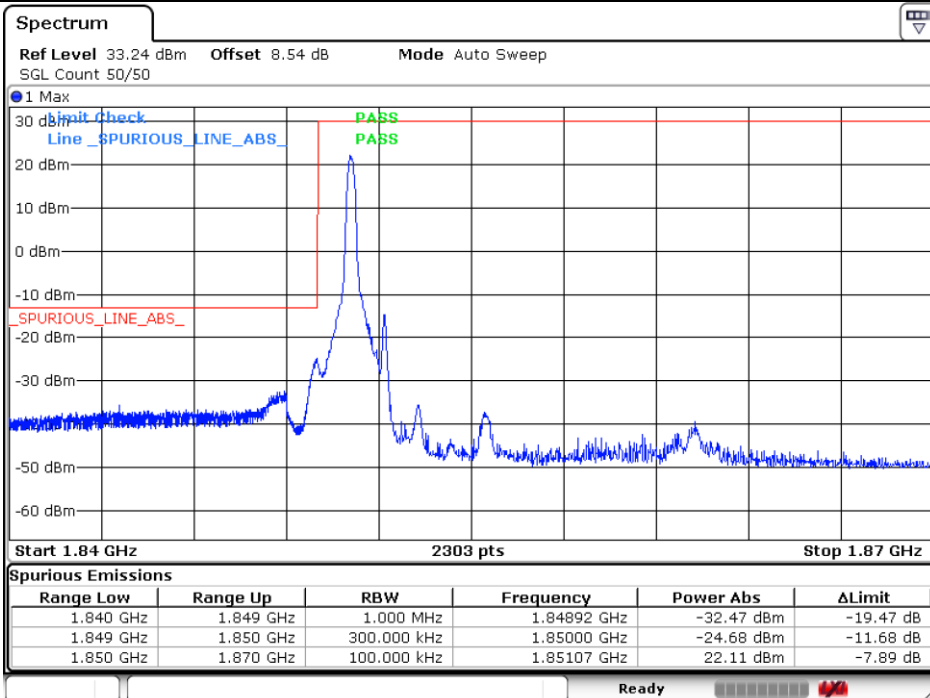
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CA 2A-66A 100RB+100RB 16QAM 19100+132572 100RB#0+100RB#0 Band2



Date: 26.AUG.2020 17:42:56

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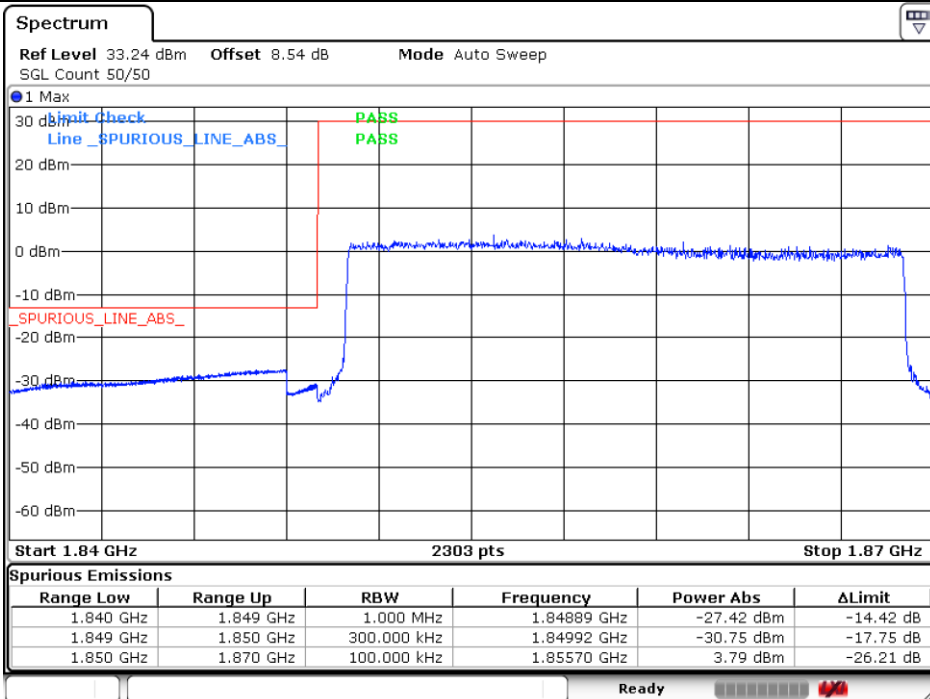


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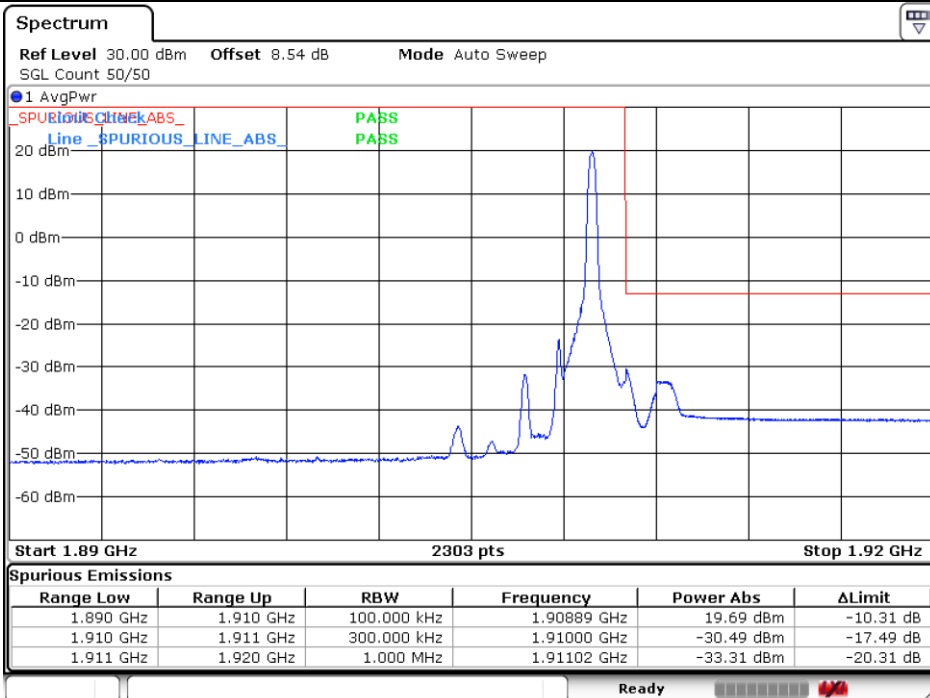
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CA 2A-66A 100RB+100RB 64QAM 18700+132072 100RB#0+100RB#0 Band2



Date: 26.AUG.2020 17:14:00

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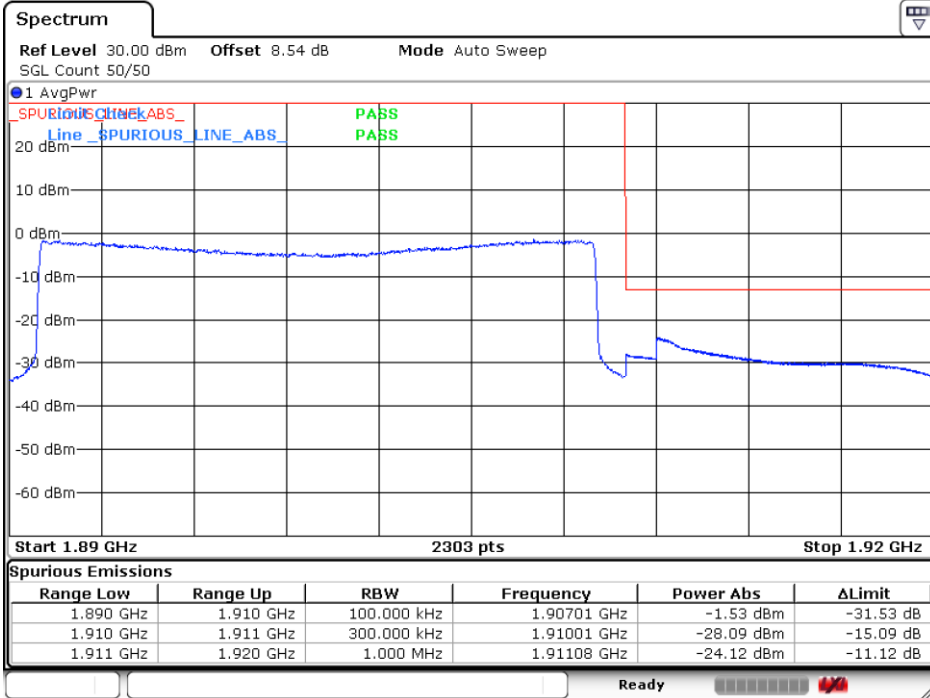


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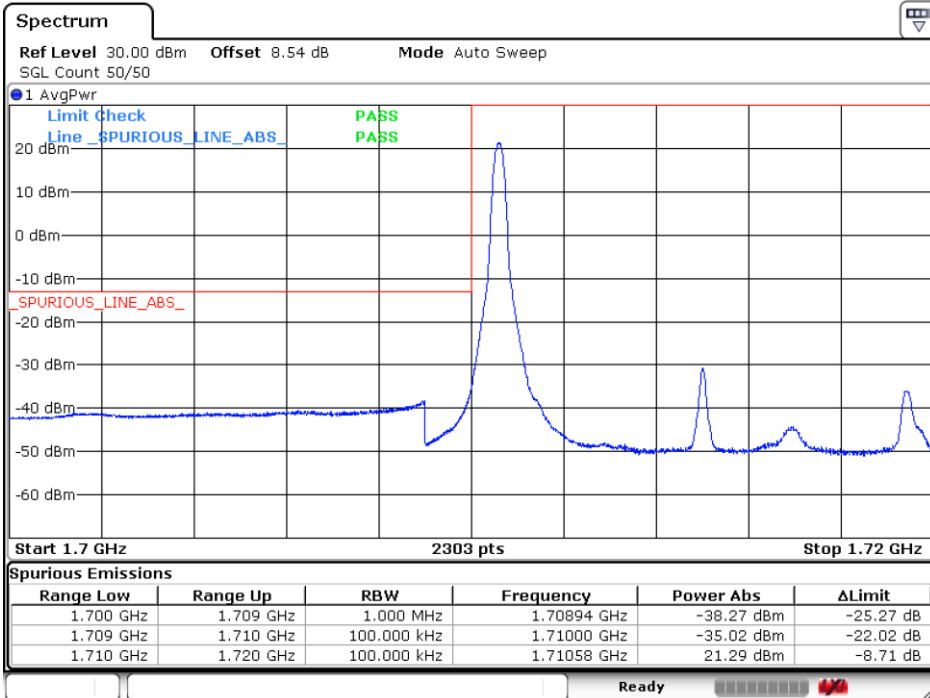
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CA 2A-66A 100RB+100RB 64QAM 19100+132572 100RB#0+100RB#0 Band2



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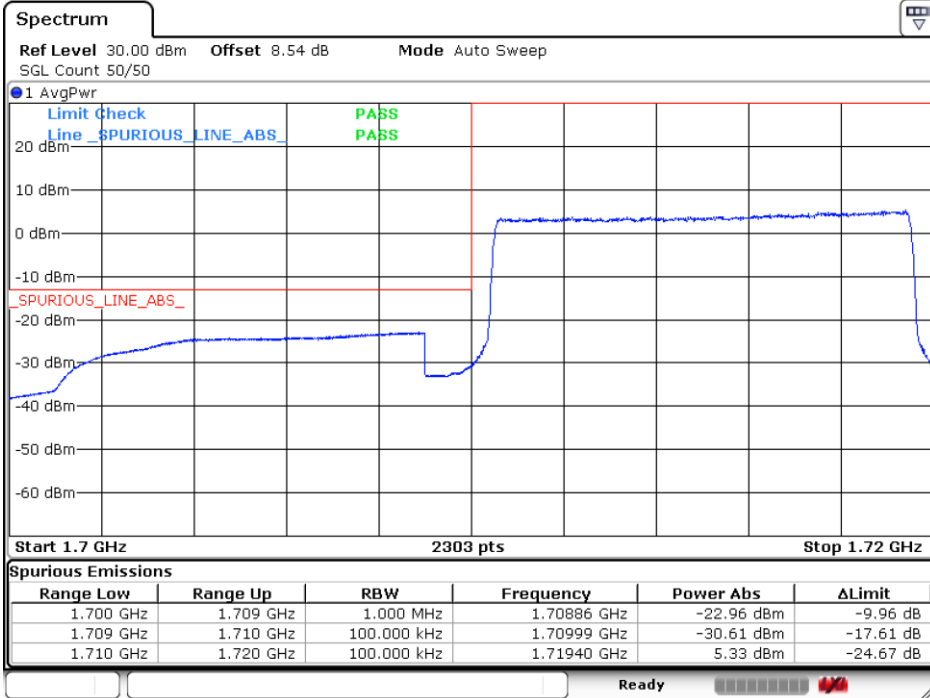
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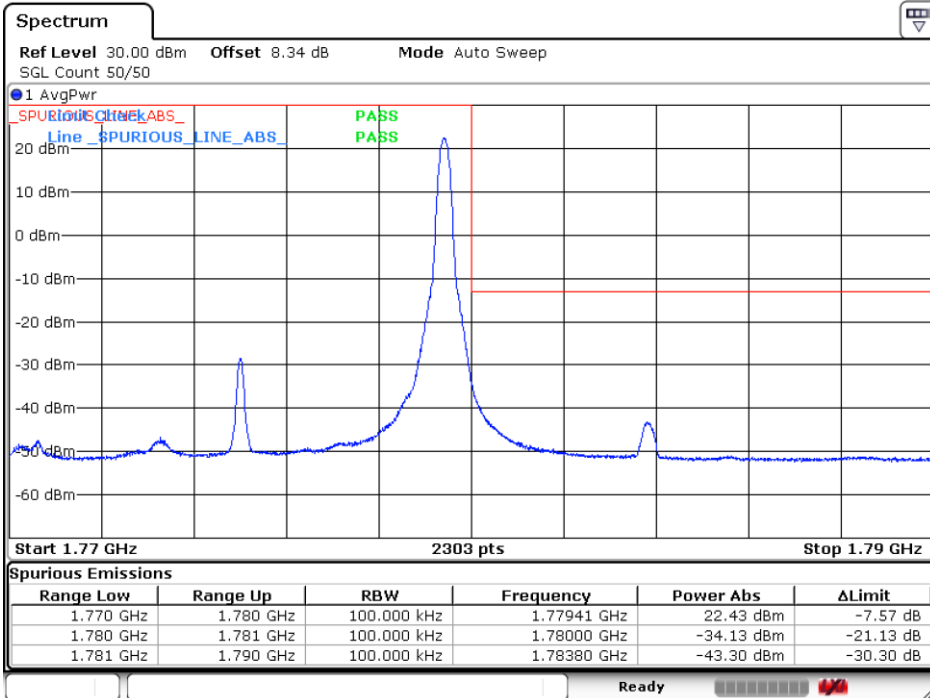


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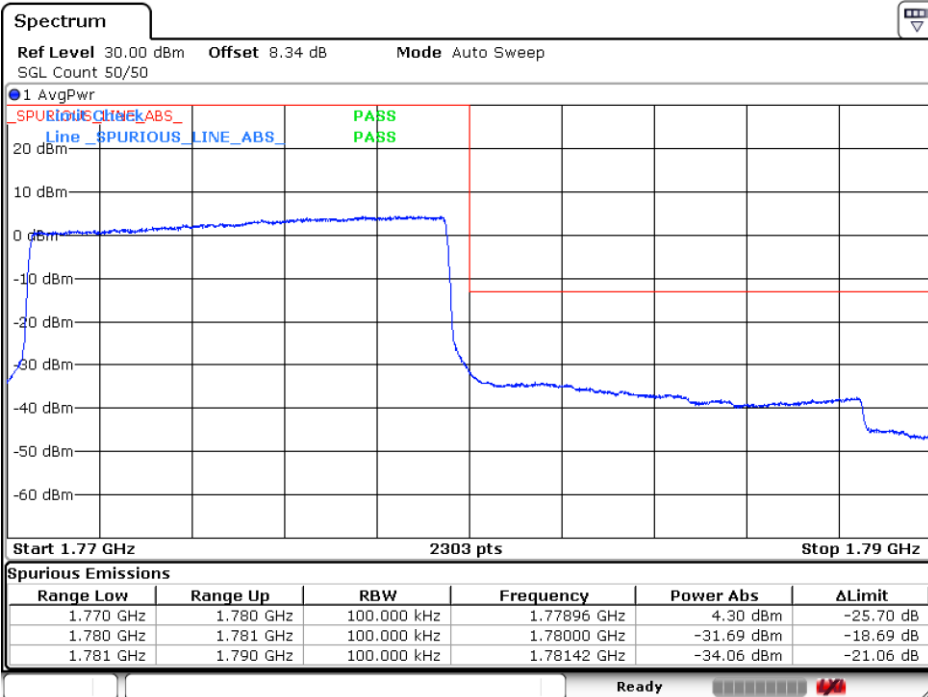
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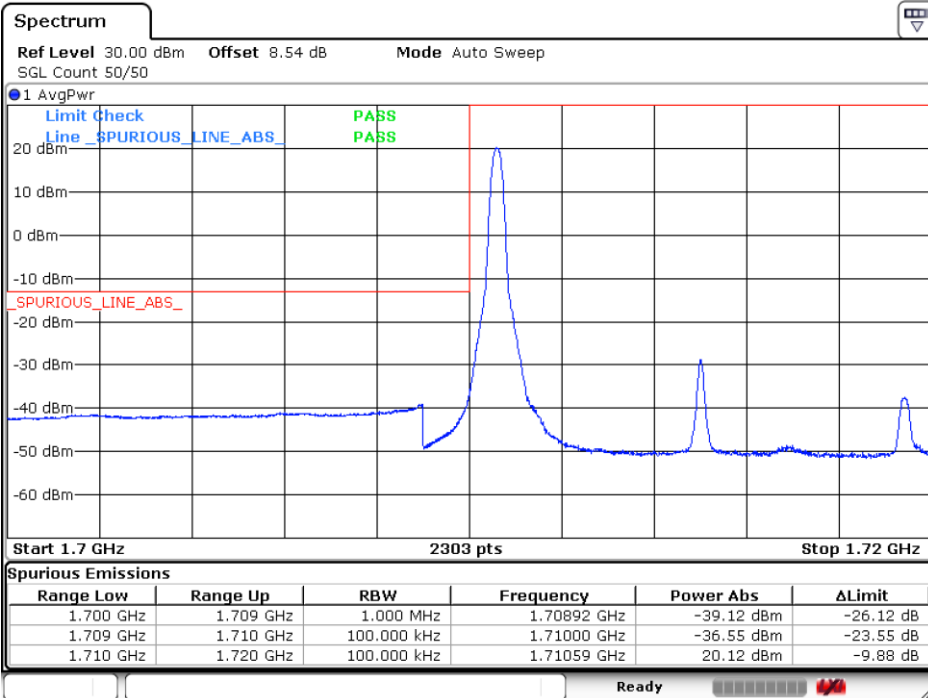


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Date: 26.AUG.2020 20:00:34

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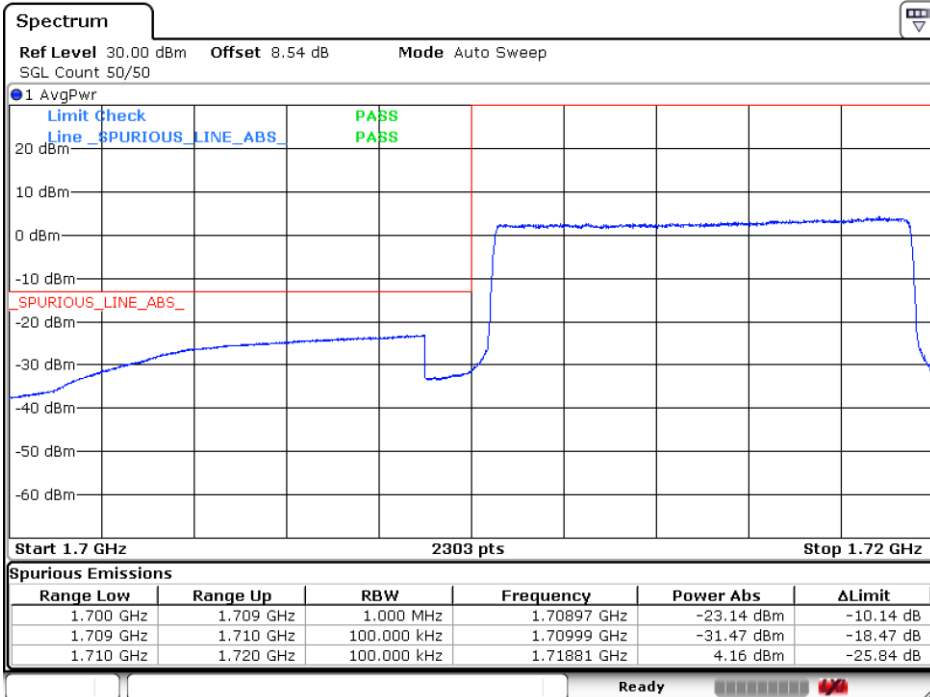


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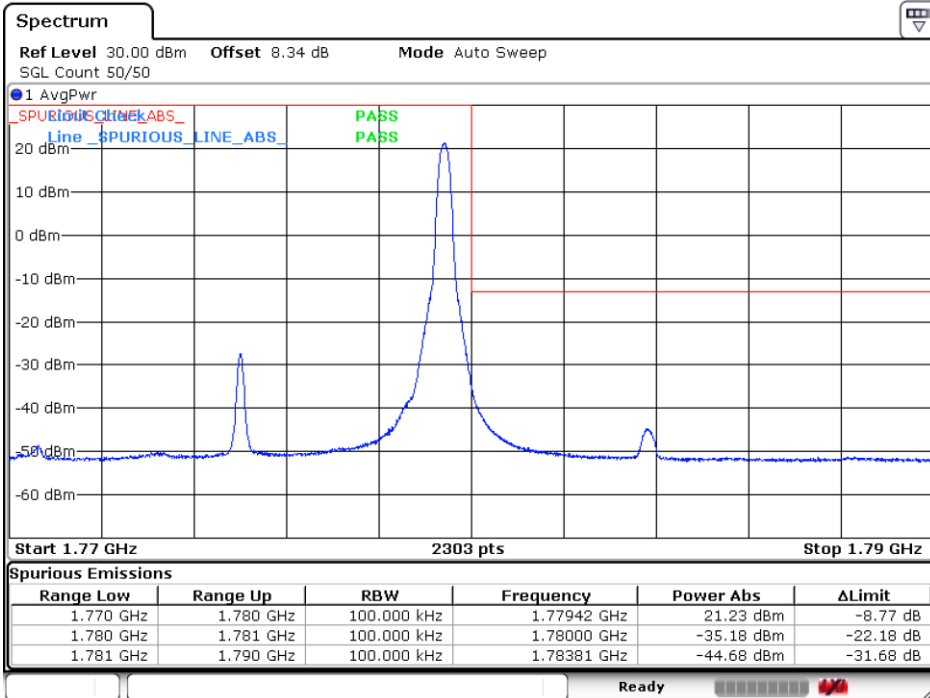
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CA 2A-66A 75RB+50RB 16QAM 18675+132022 75RB#0+50RB#0 Band66



Date: 26.AUG.2020 19:58:46

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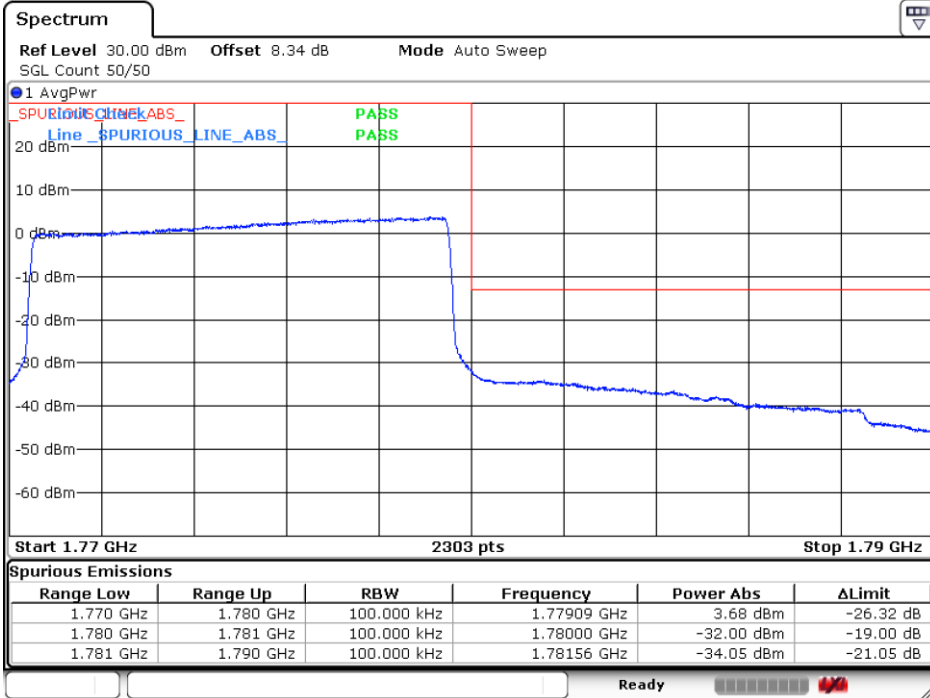


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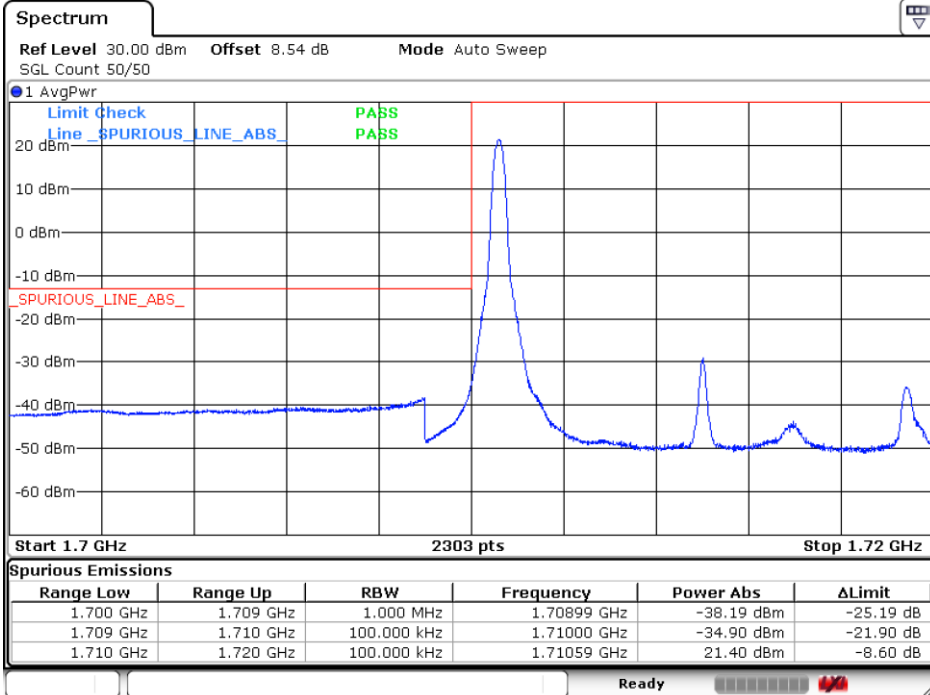
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CA 2A-66A 75RB+50RB 16QAM 19125+132622 75RB#0+50RB#0 Band66



Date: 26.AUG.2020 20:01:23

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Date: 26.AUG.2020 19:57:12



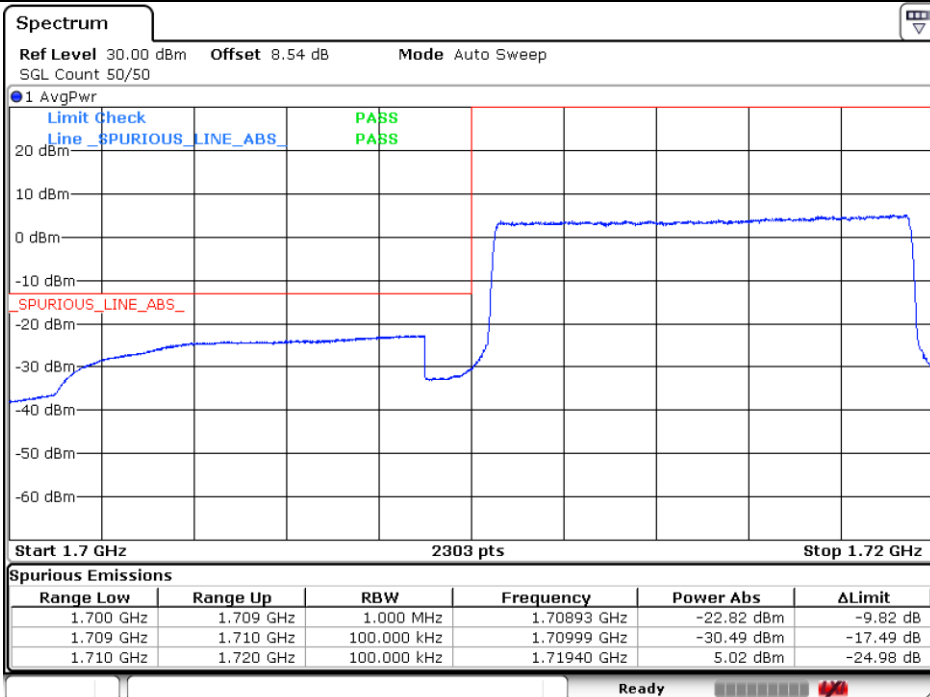
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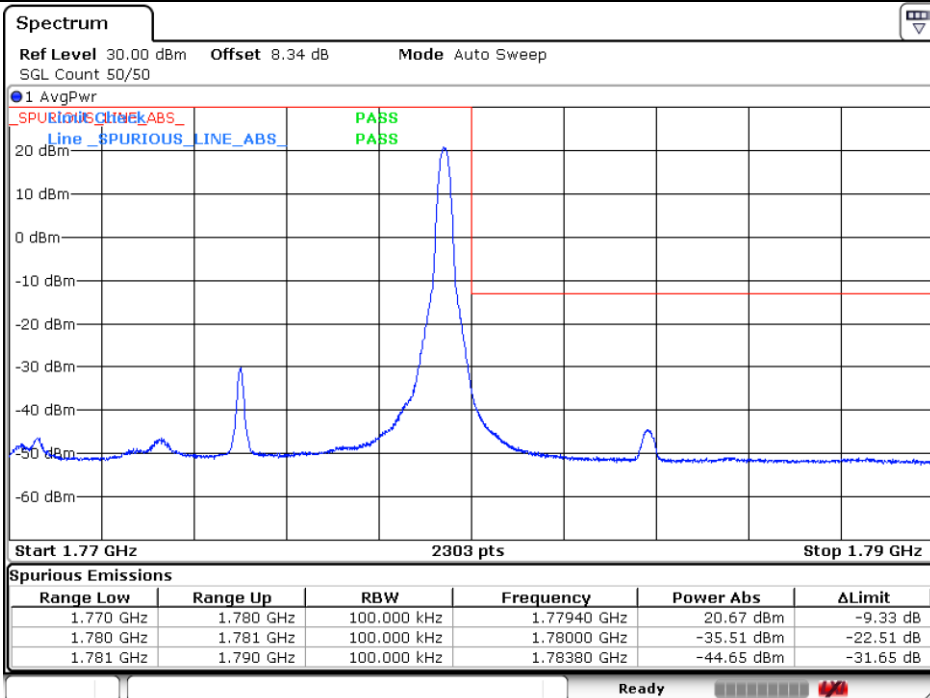
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CA 2A-66A 75RB+50RB 64QAM 18675+132022 75RB#0+50RB#0 Band66



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

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



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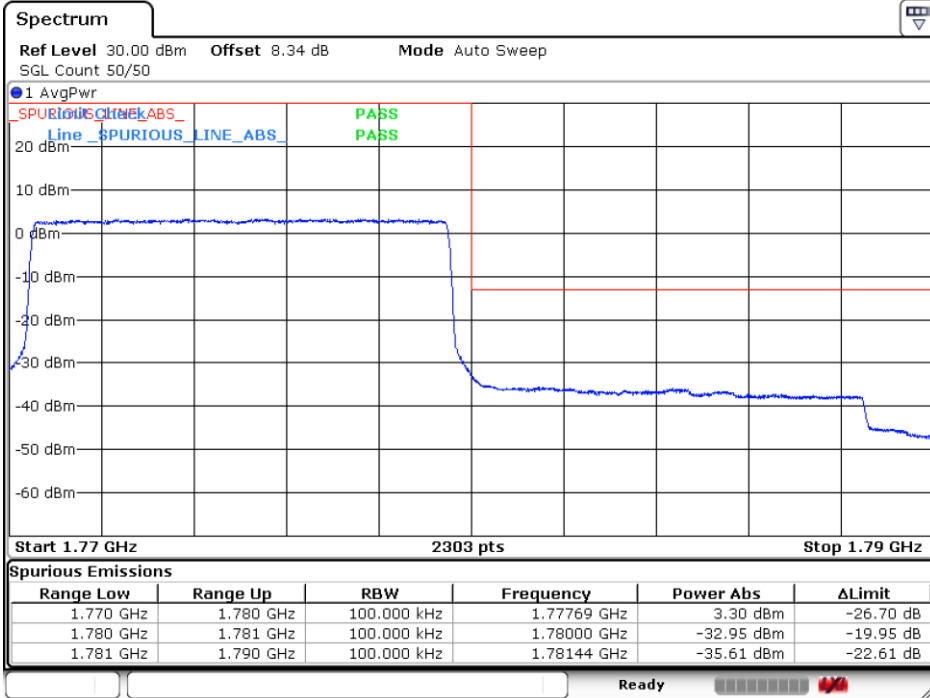


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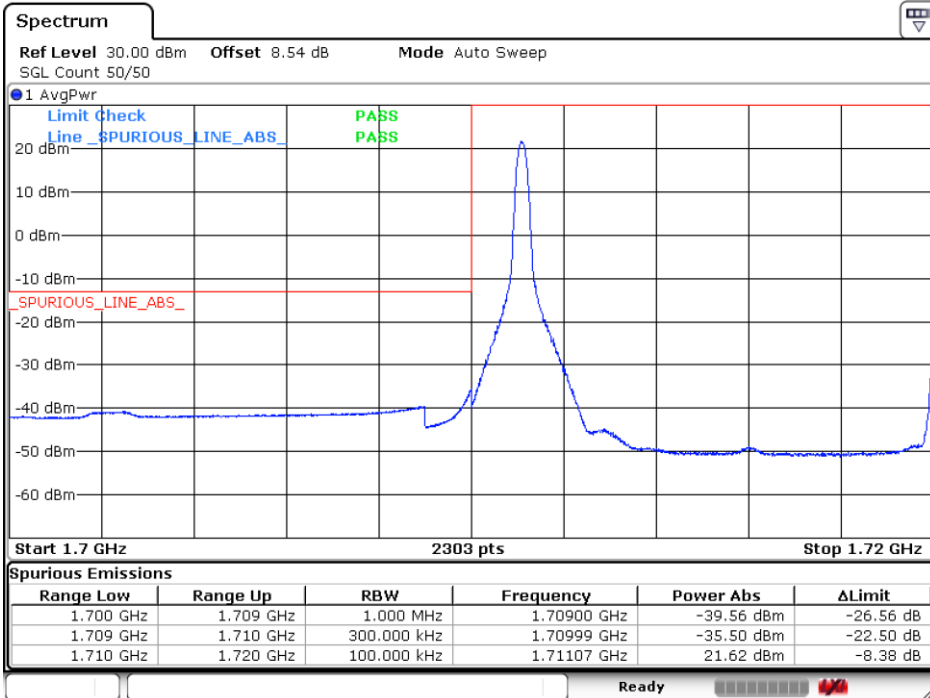
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CA 2A-66A 75RB+50RB 64QAM 19125+132622 75RB#0+50RB#0 Band66



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

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Date: 26.AUG.2020 19:51:51



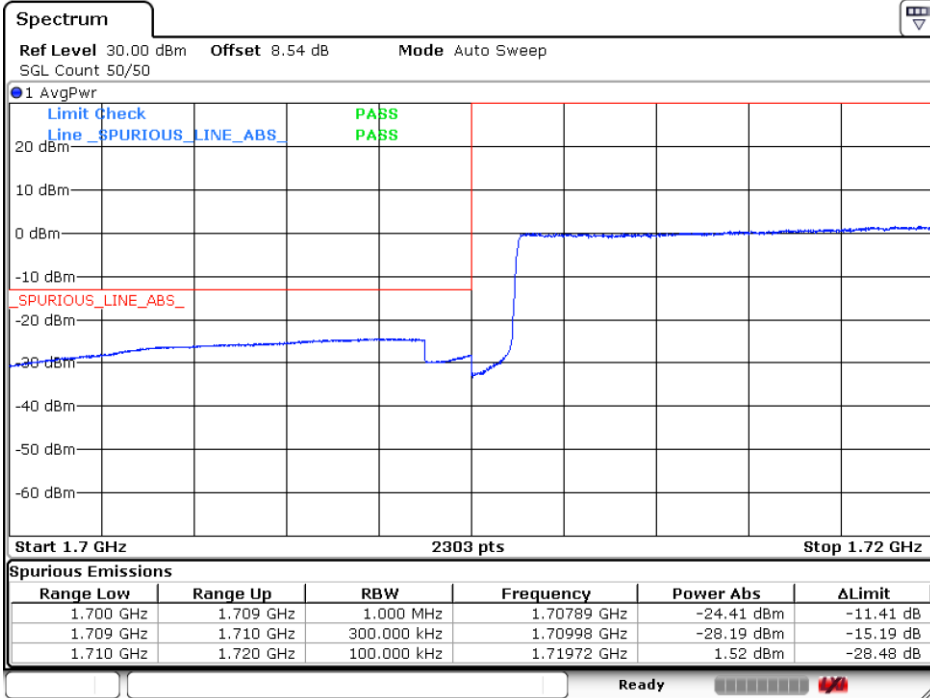
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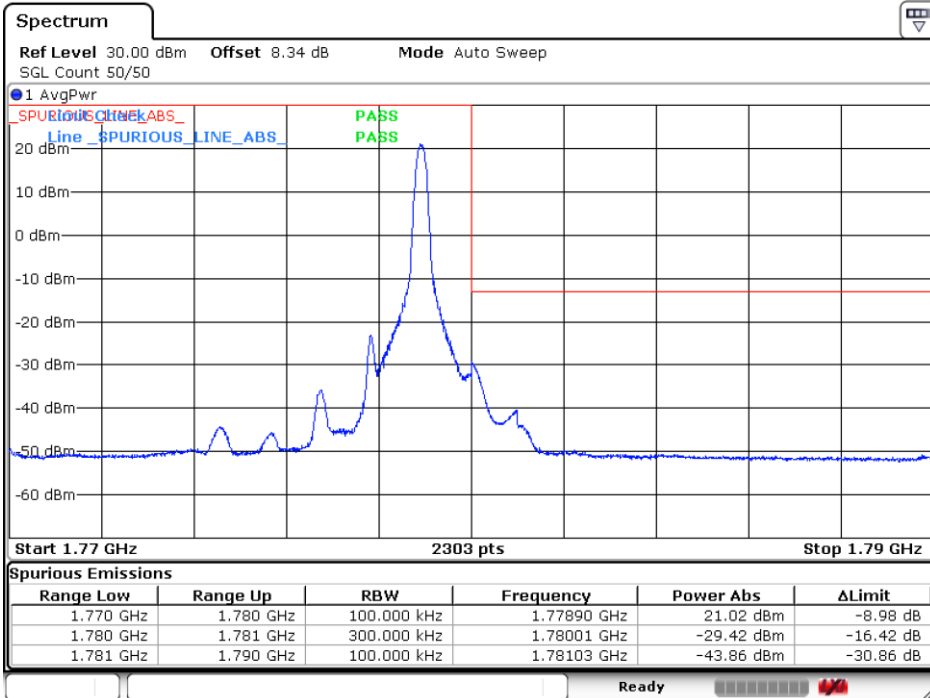
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CA 2A-66A 100RB+100RB_QPSK_18700+132072 100RB#0+100RB#0 Band66



Date: 26.AUG.2020 19:53:42

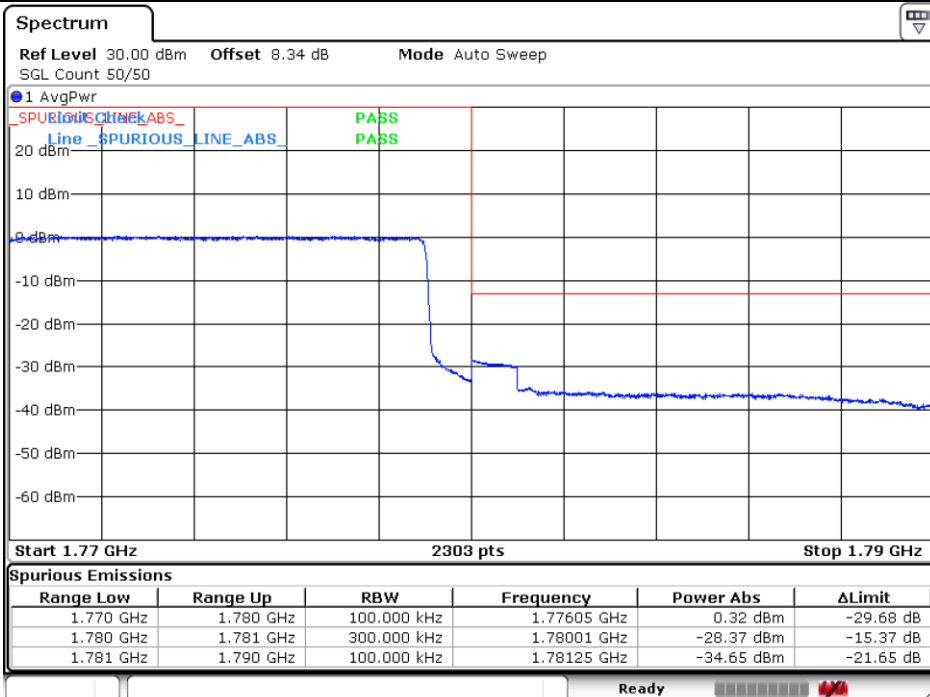
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Date: 26.AUG.2020 20:08:06

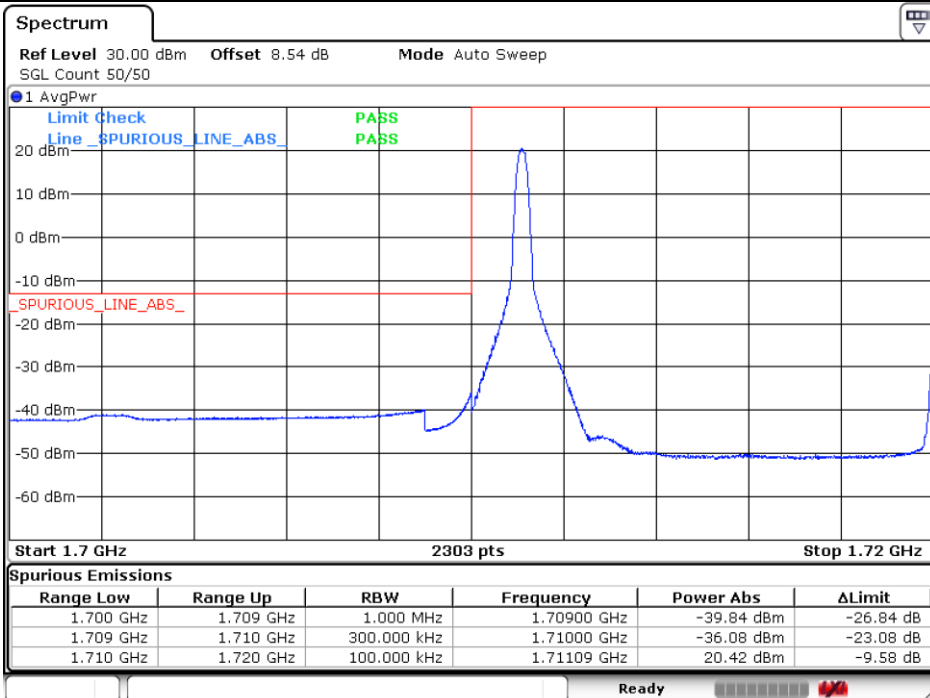


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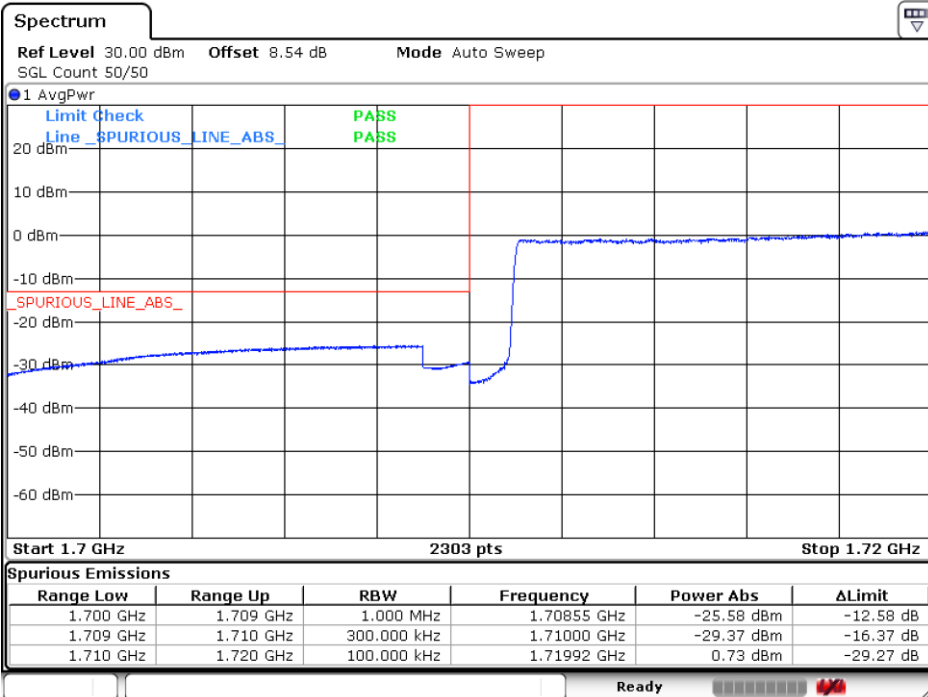
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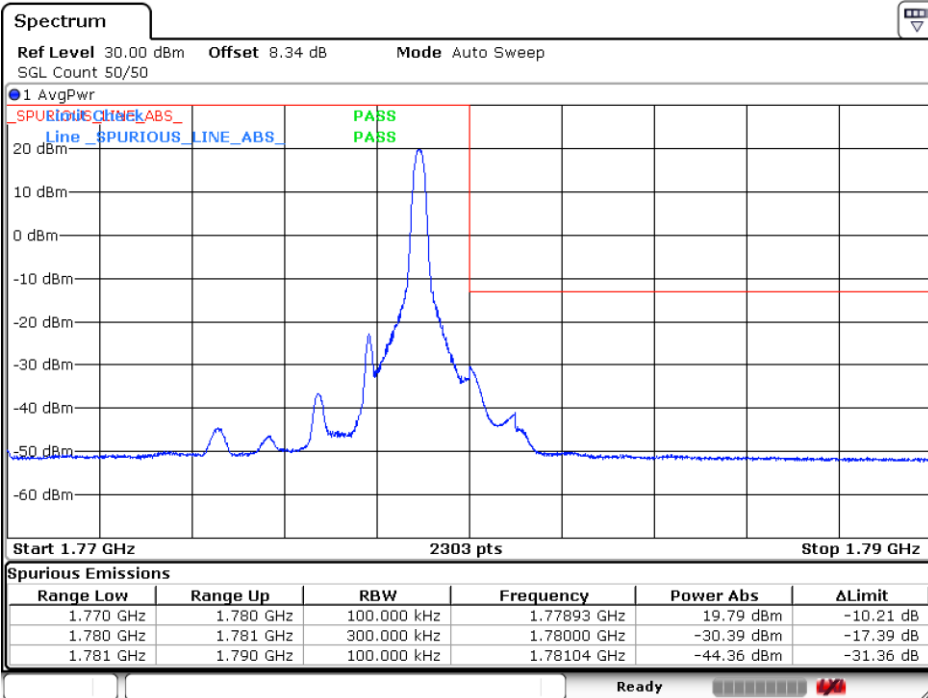


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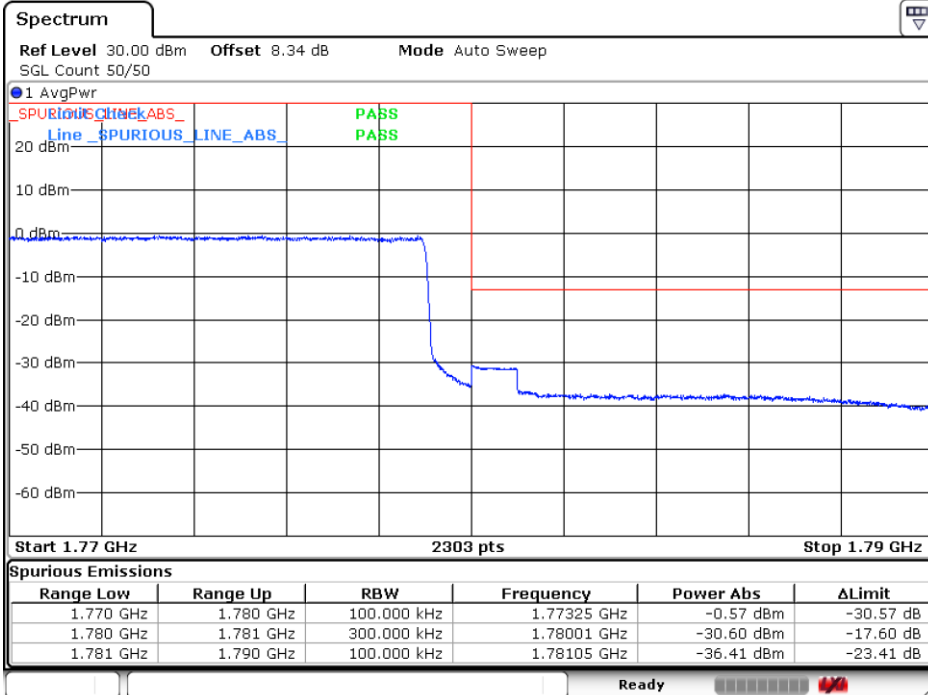
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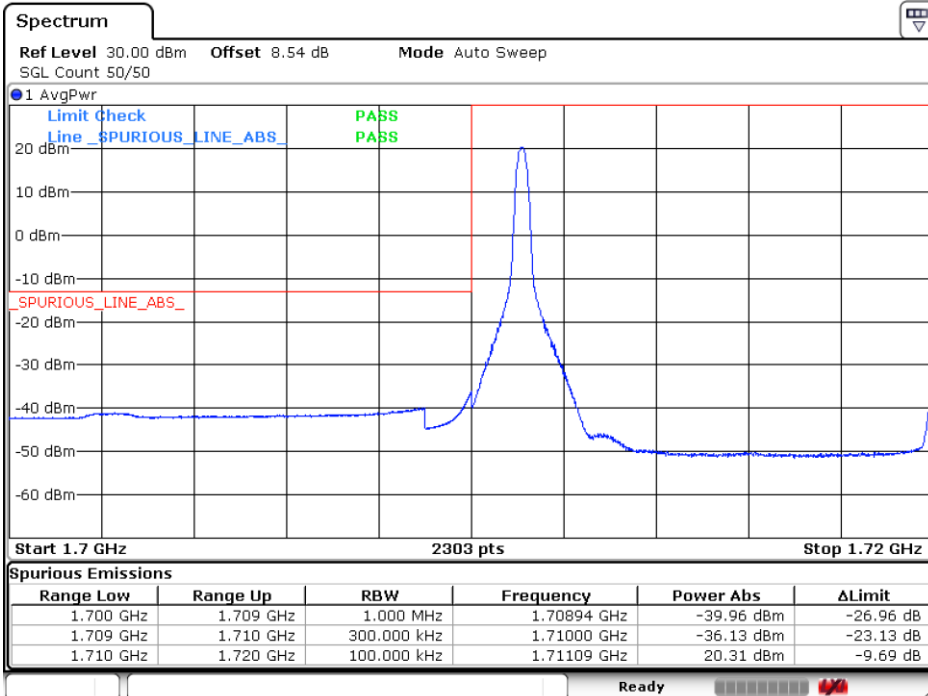


CA 2A-66A_100RB+100RB_16QAM 19100+132572_100RB#0+100RB#0 Band66



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

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Date: 26.AUG.2020 19:54:52

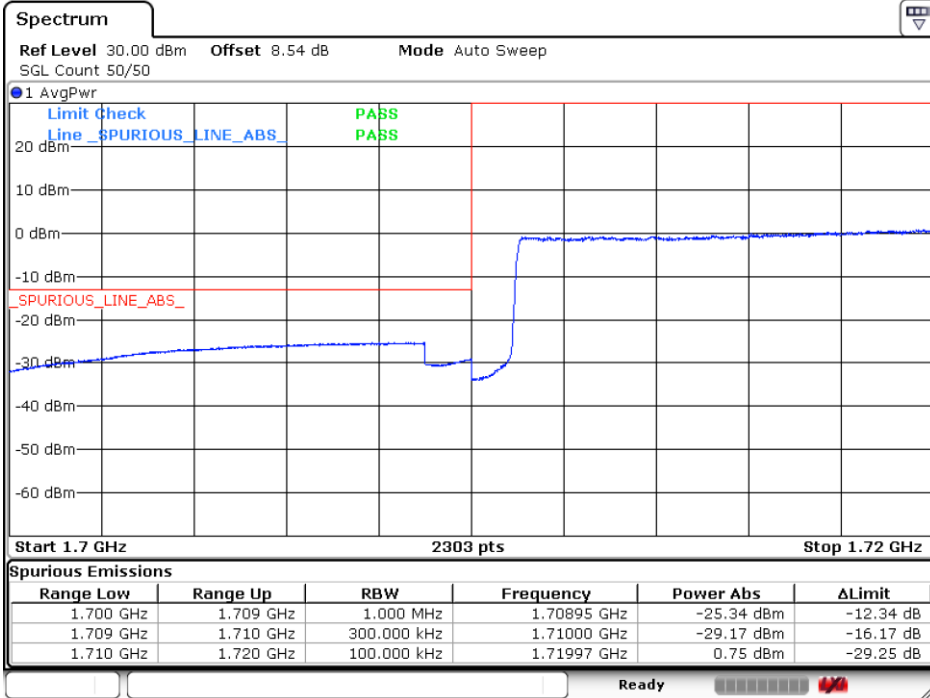
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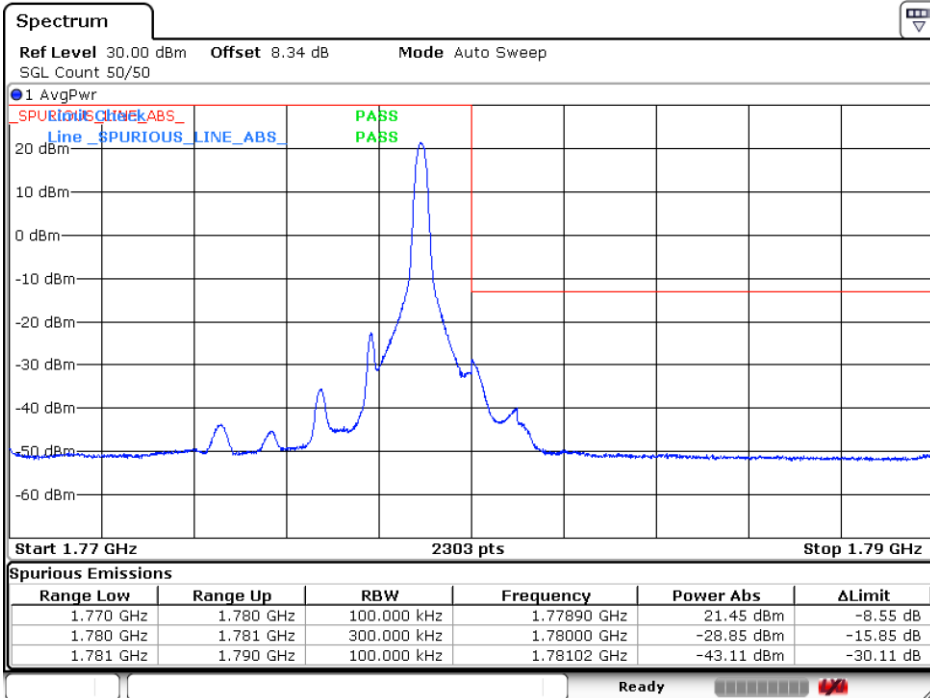
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CA 2A-66A_100RB+100RB_64QAM_18700+132072_100RB#0+100RB#0_Band66



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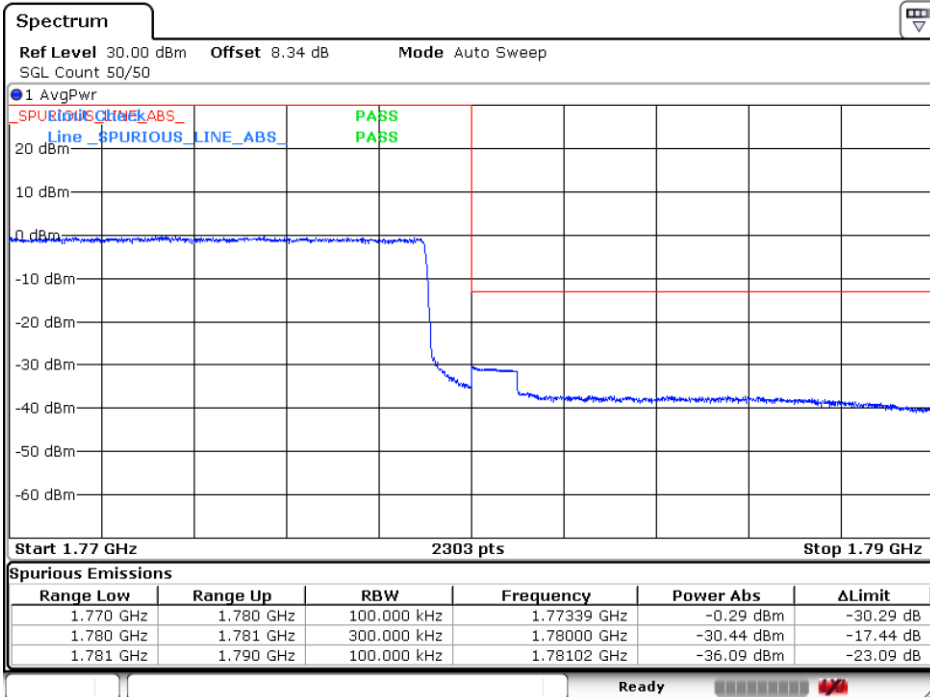
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Date: 26.AUG.2020 20:05:46



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



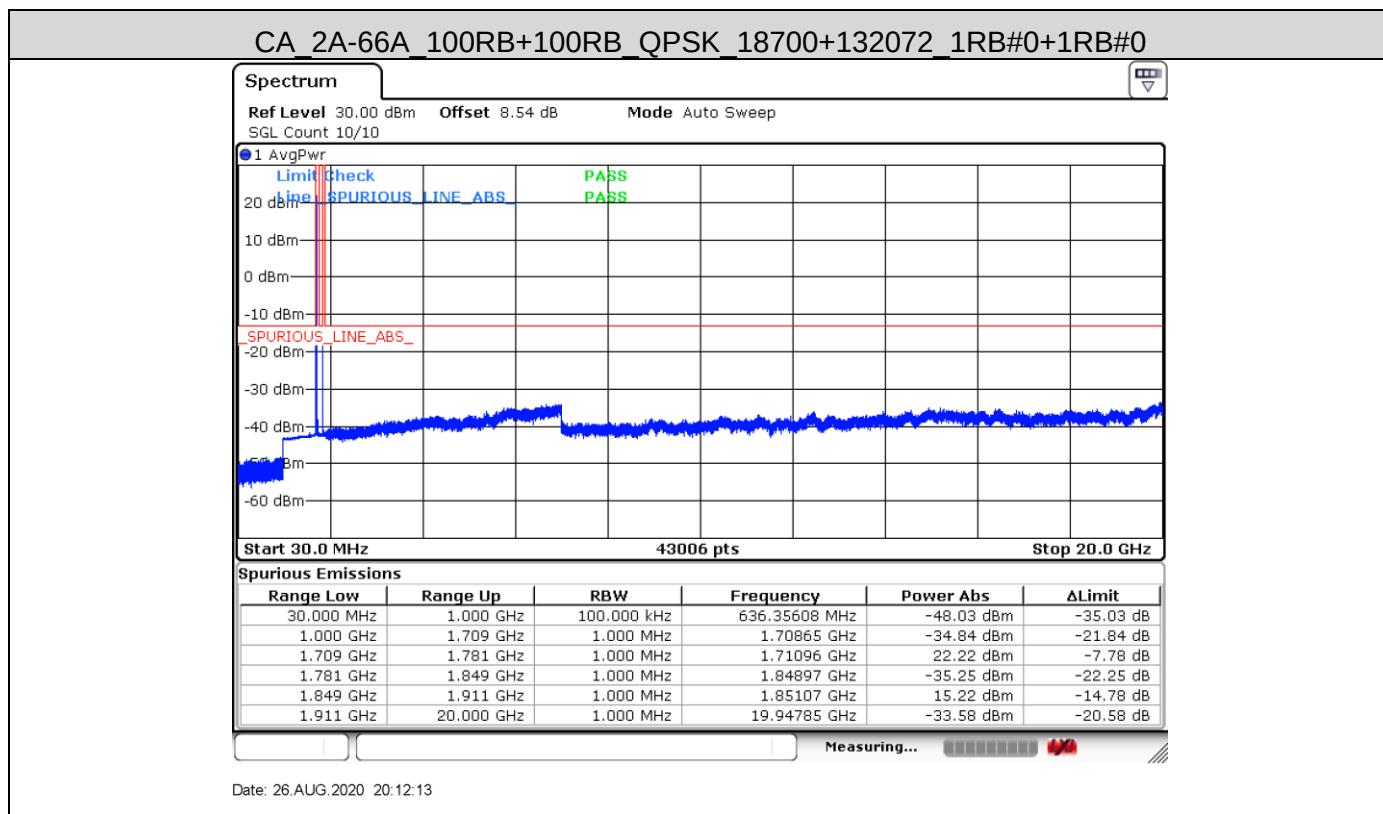
3 Spurious Emission at Antenna Terminal

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 = $k * (\text{Span} / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

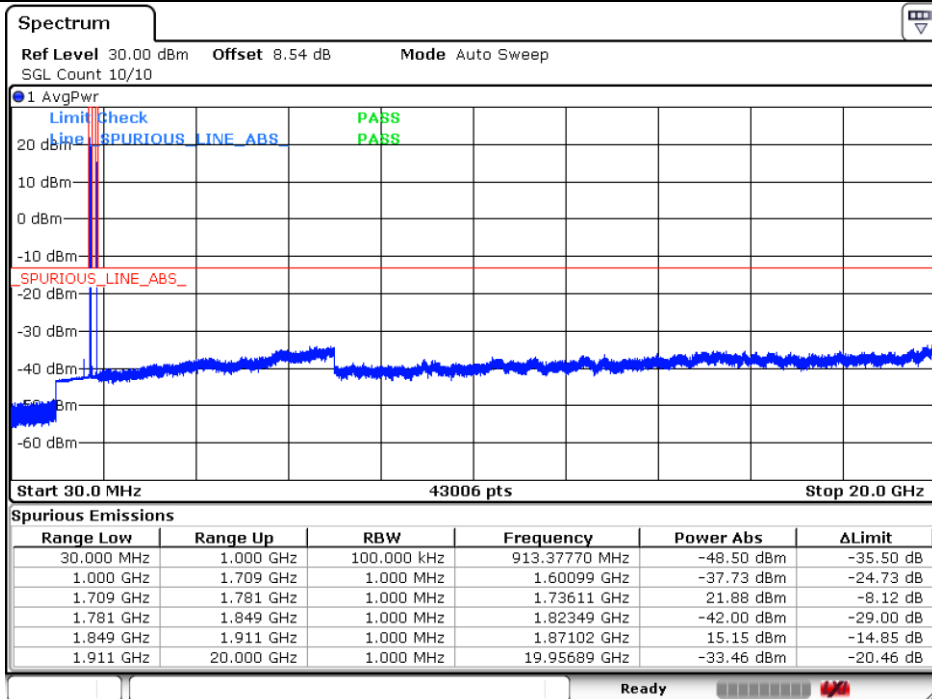
Part I - Test Plots

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



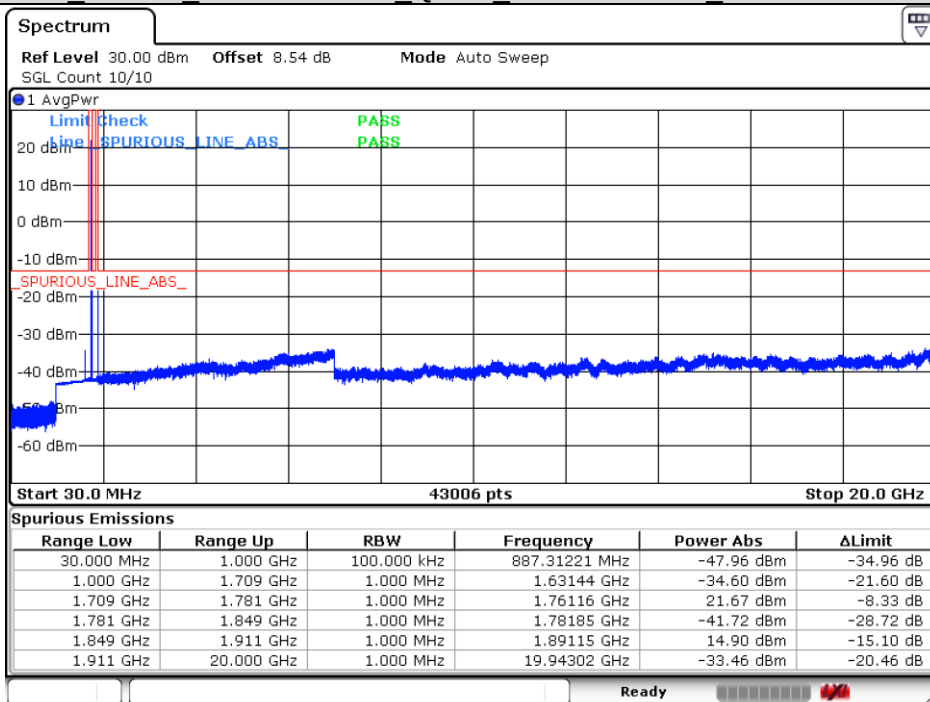
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CA_2A-66A_100RB+100RB_QPSK_19100+132572_1RB#0+1RB#0



Date: 26.AUG.2020 20:11:47



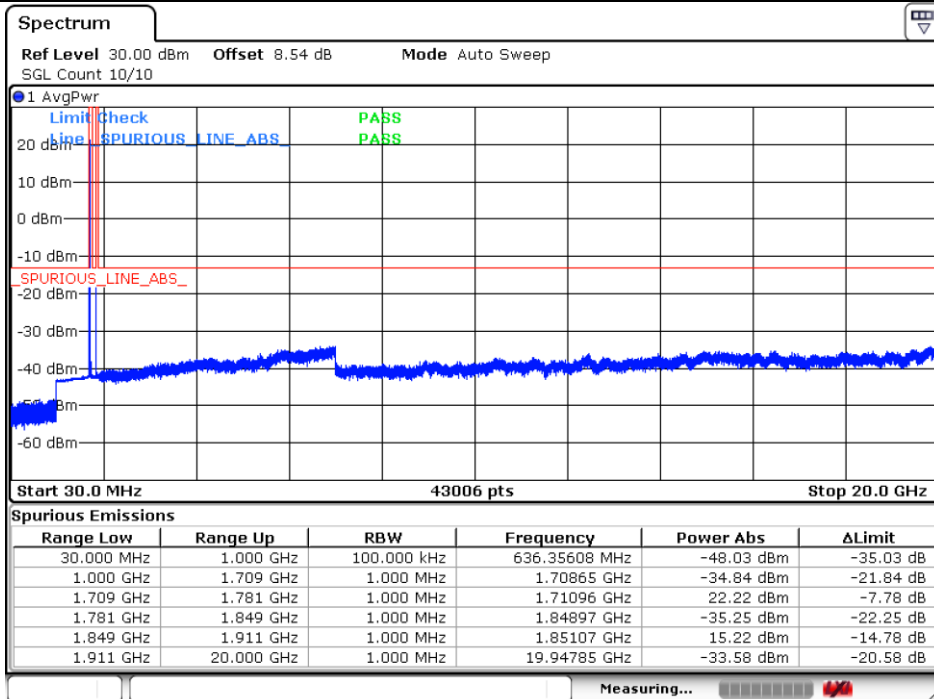
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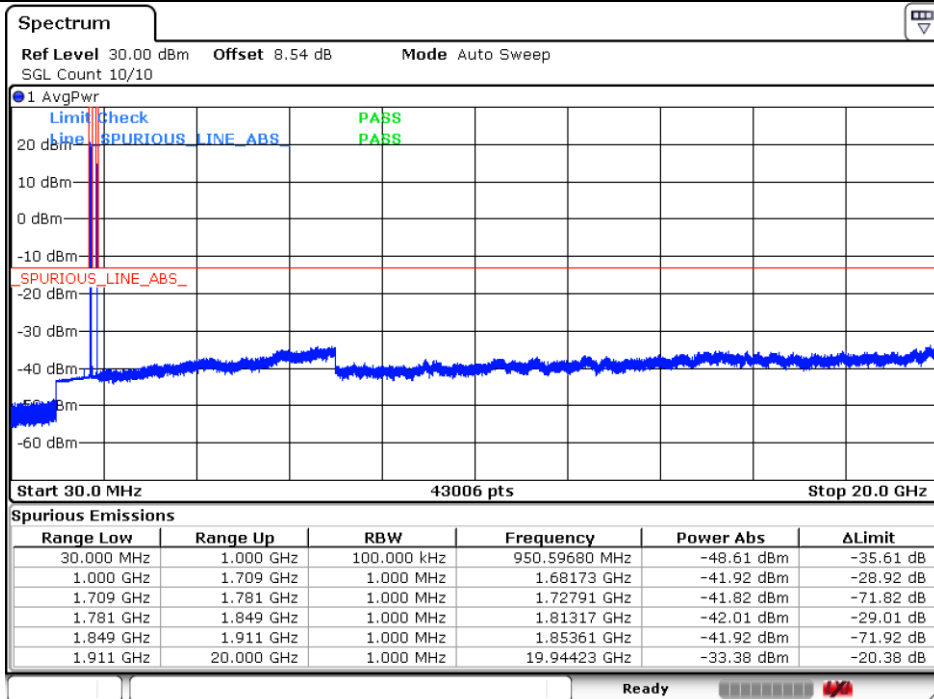
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Date: 26.AUG.2020 20:12:13



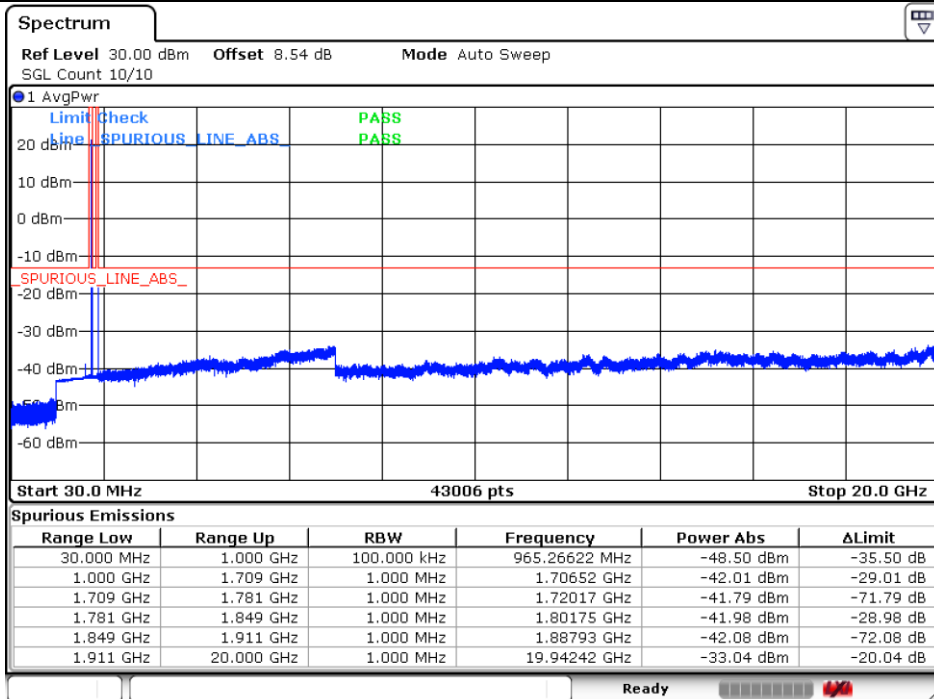
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Date: 26.AUG.2020 20:12:56



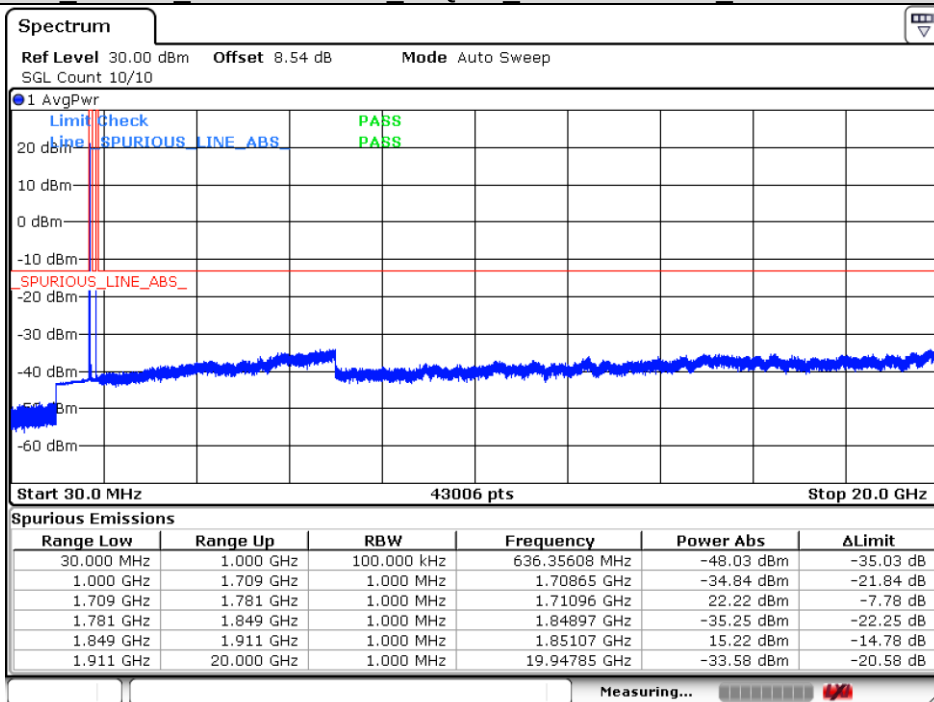
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Date: 26.AUG.2020 20:11:47



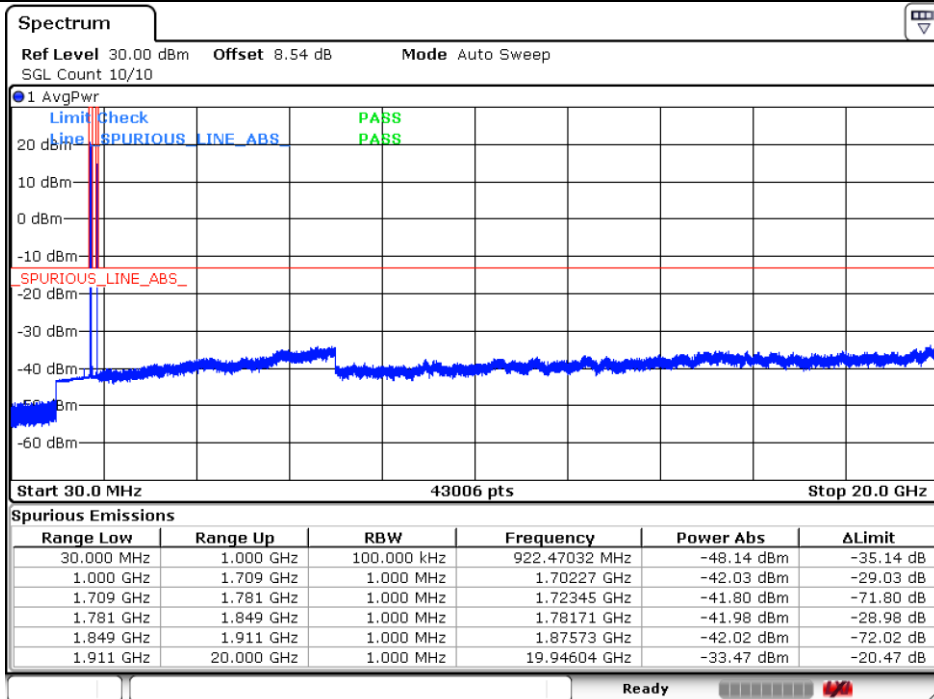
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Date: 26.AUG.2020 20:12:13



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

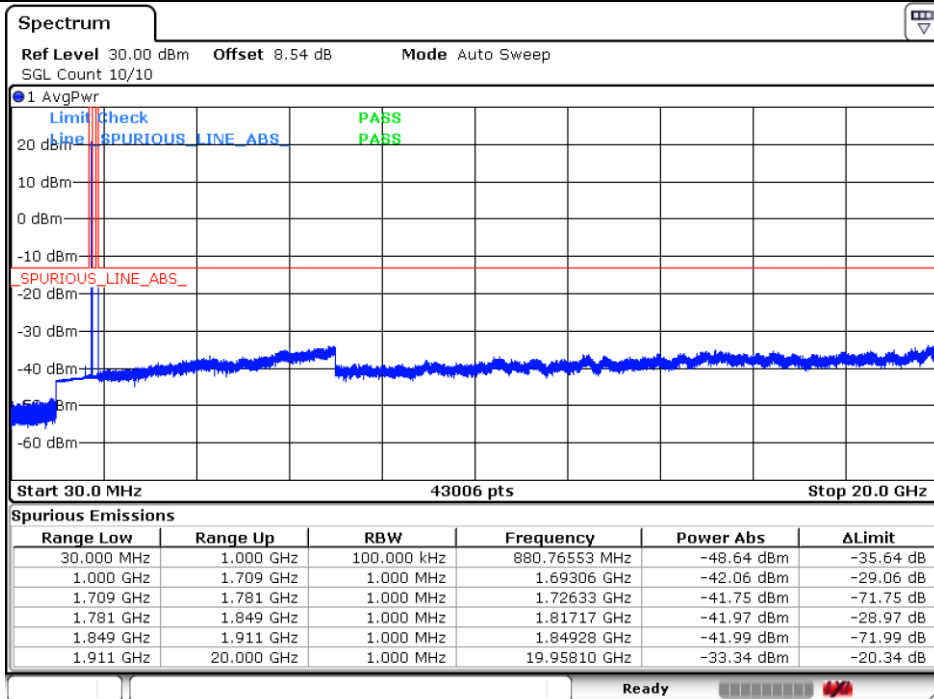
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CA 2A-66A 100RB+100RB 64QAM 19100+132572 1RB#0+1RB#0



Date: 26.AUG.2020 20:11:47

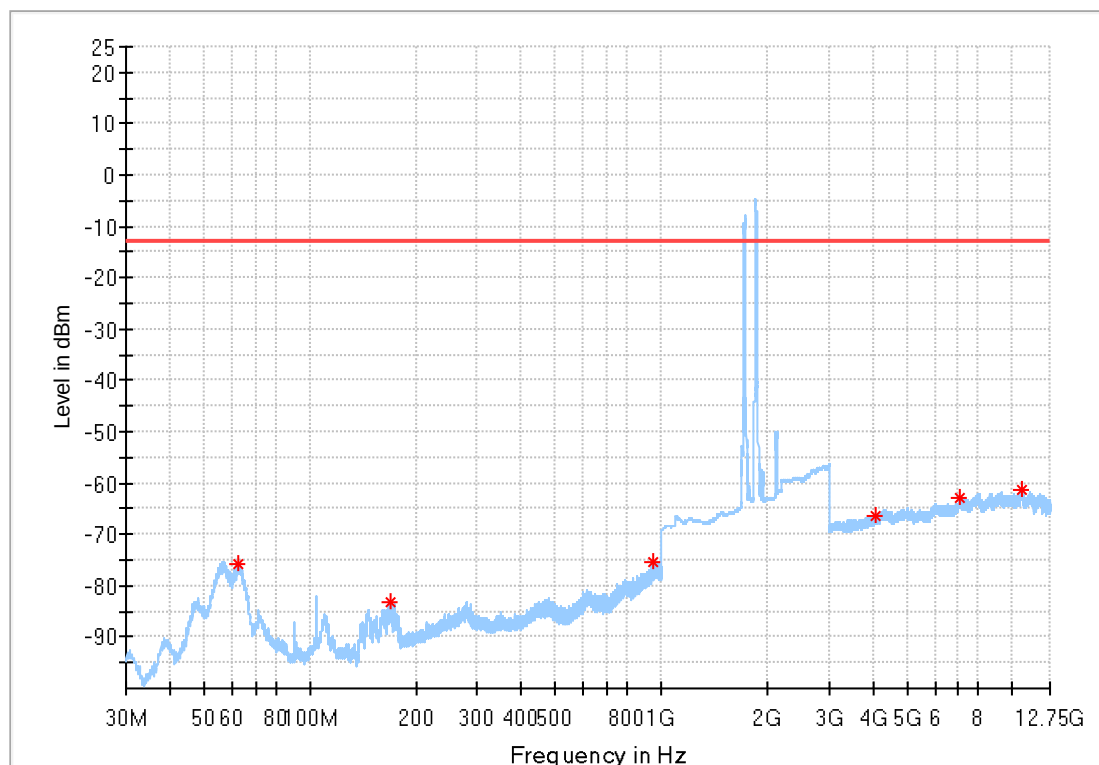


4 Field Strength of Spurious Radiation

4.1 Test Mode =LTE/TM1 20&20 MHz Ant Down

4.1.1.1 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	---	---	127.0	H	60.0	-95.1
168.850000	-83.35	-13.00	70.35	---	---	108.0	H	312.0	-107.3
951.645833	-75.37	-13.00	62.37	---	---	176.0	H	74.0	-91.9
4045.525000	-66.52	-13.00	53.52	---	---	103.0	H	0.0	-103.6
7064.775000	-62.93	-13.00	49.93	---	---	117.0	H	0.0	-99.0
10653.425000	-61.16	-13.00	48.16	---	---	160.0	H	62.0	-96.5



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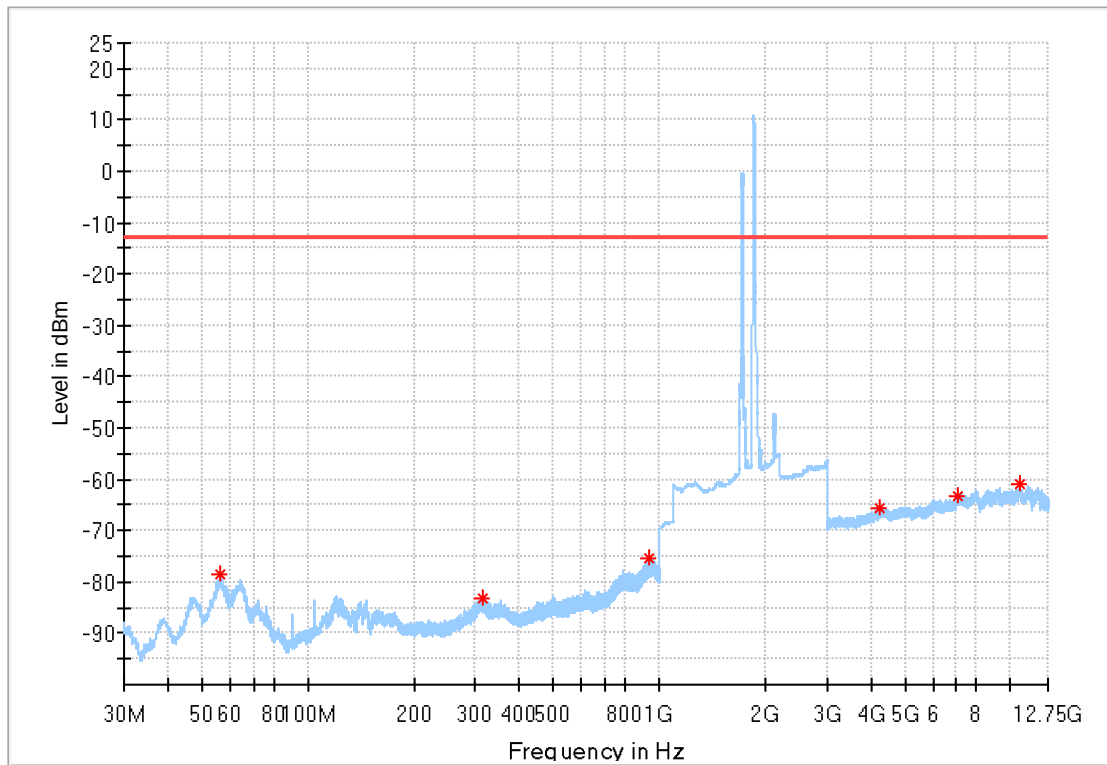
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4.1.2

Test Channel = LCH_ Vertical

Full Spectrum



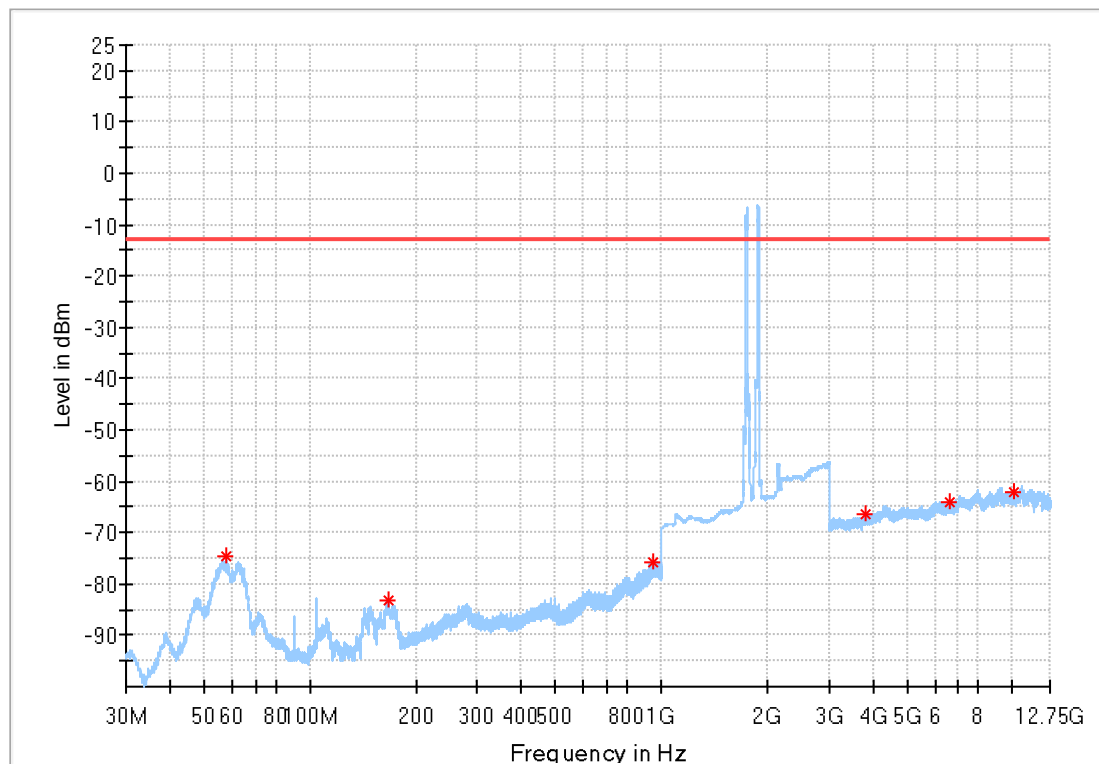
Critical_Freqs

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	---	---	138.0	V	1.0	-101.4
316.100000	-83.02	-13.00	70.02	---	---	250.0	V	330.0	-102.0
929.554167	-75.40	-13.00	62.40	---	---	174.0	V	0.0	-93.0
4237.600000	-65.49	-13.00	52.49	---	---	135.0	V	131.0	-103.1
7050.150000	-63.36	-13.00	50.36	---	---	125.0	V	95.0	-98.9
10658.300000	-60.89	-13.00	47.89	---	---	228.0	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	---	---	194.0	H	0.0	-95.6
166.850000	-83.32	-13.00	70.32	---	---	216.0	H	320.0	-107.3
946.741667	-75.76	-13.00	62.76	---	---	111.0	H	72.0	-92.0
3801.125000	-66.39	-13.00	53.39	---	---	216.0	H	0.0	-104.3
6607.175000	-64.23	-13.00	51.23	---	---	147.0	H	29.0	-99.6
10022.600000	-62.05	-13.00	49.05	---	---	203.0	H	0.0	-97.4



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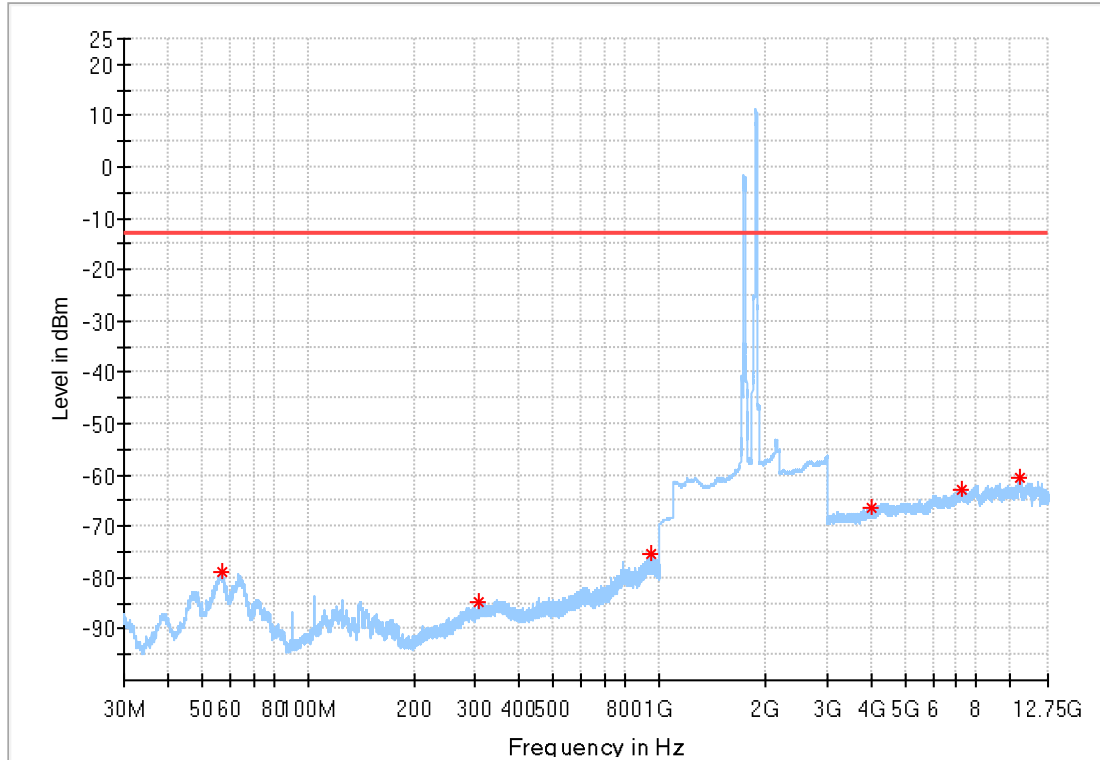
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4.1.4 Test Channel = MCH_Vertical

Full Spectrum



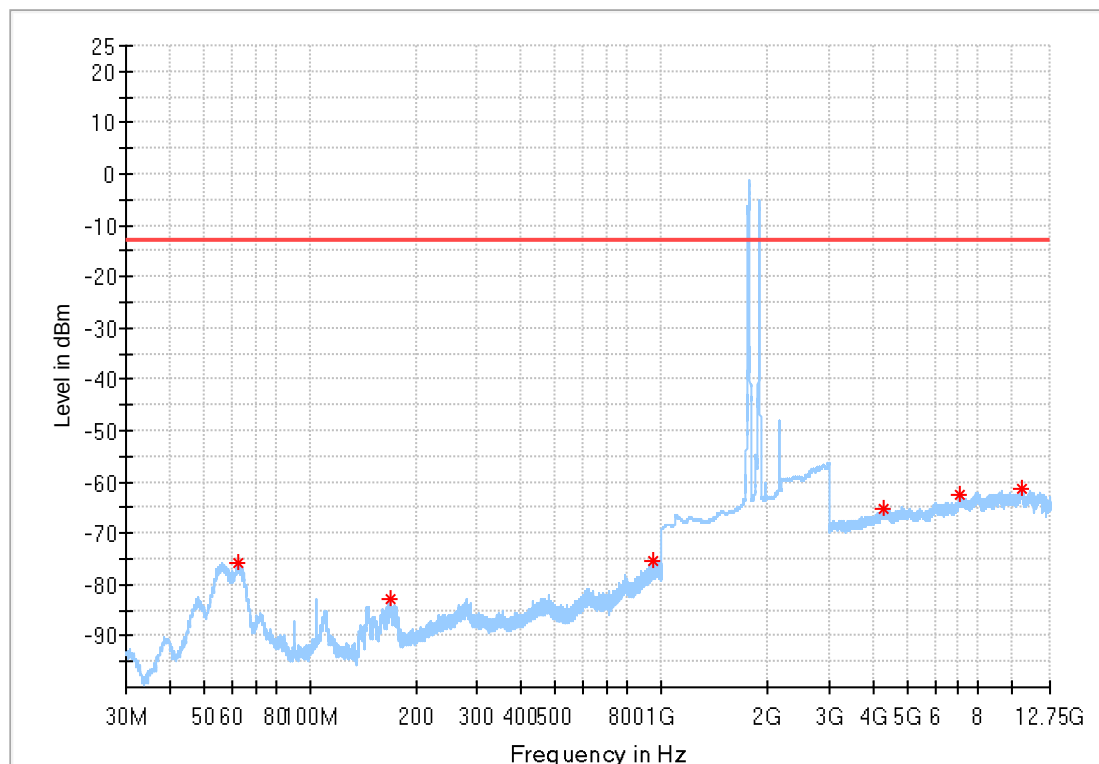
Critical_Freqs

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	---	---	297.0	V	0.0	-101.2
307.050000	-84.72	-13.00	71.72	---	---	222.0	V	1.0	-102.2
948.804167	-75.34	-13.00	62.34	---	---	248.0	V	337.0	-92.3
4006.525000	-66.38	-13.00	53.38	---	---	107.0	V	40.0	-103.5
7292.925000	-62.98	-13.00	49.98	---	---	283.0	V	73.0	-99.5
10636.200000	-60.47	-13.00	47.47	---	---	204.0	V	0.0	-96.4



4.1.5 Test Channel = HCH_Horizontal

Full Spectrum



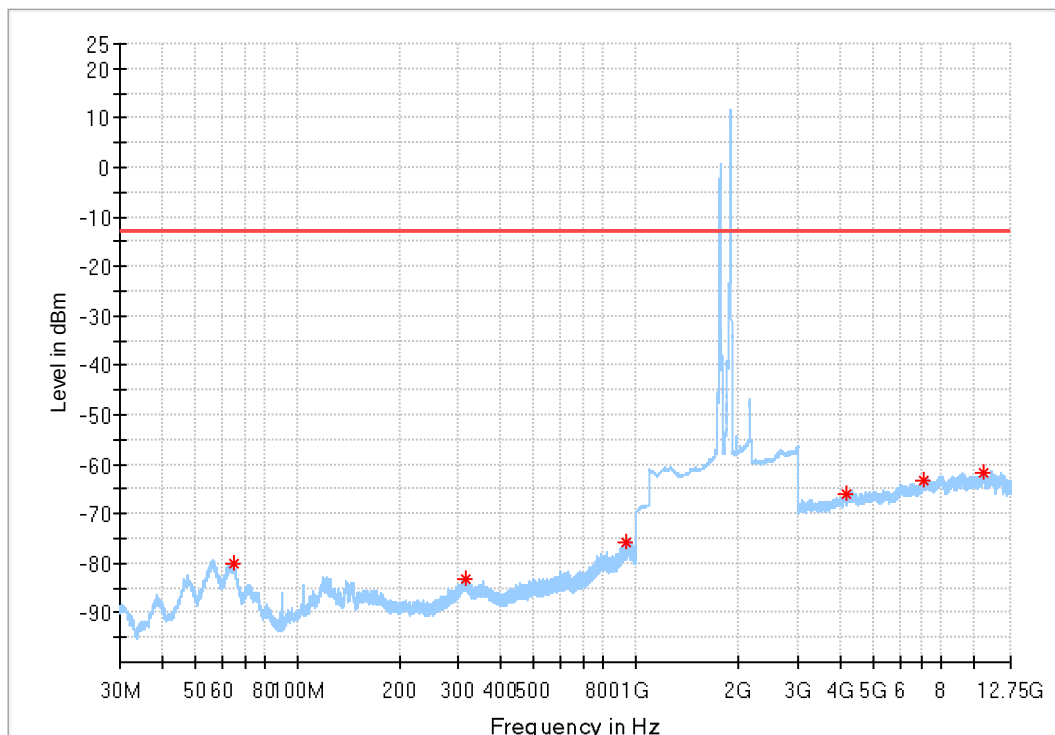
Critical_Freqs

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	---	---	269.0	H	0.0	-95.5
169.600000	-82.89	-13.00	69.89	---	---	150.0	H	39.0	-107.3
948.895833	-75.38	-13.00	62.38	---	---	166.0	H	6.0	-91.9
4296.425000	-65.15	-13.00	52.15	---	---	287.0	H	338.0	-102.6
7064.450000	-62.53	-13.00	49.53	---	---	155.0	H	61.0	-99.0
10658.300000	-61.15	-13.00	48.15	---	---	269.0	H	118.0	-96.5



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	---	---	143.0	V	77.0	-99.8
315.400000	-83.20	-13.00	70.20	---	---	134.0	V	50.0	-102.0
938.216667	-75.66	-13.00	62.66	---	---	238.0	V	0.0	-92.5
4198.600000	-66.07	-13.00	53.07	---	---	243.0	V	63.0	-103.2
7030.975000	-63.36	-13.00	50.36	---	---	210.0	V	340.0	-99.0
10644.975000	-61.60	-13.00	48.60	---	---	215.0	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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