



Appendix B

E-UTRA Band CA_4A-7A





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1 Effective (Isotropic) Radiated Power Output Data

PCC(ANT2):

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	5MHz	QPSK	19975	1RB#0	23.16	21.46	33.00	PASS
Band4	5MHz	QPSK	19975	1RB#38	22.77	21.07	33.00	PASS
Band4	5MHz	QPSK	19975	1RB#74	22.88	21.18	33.00	PASS
Band4	5MHz	QPSK	19975	36RB#0	21.69	19.99	33.00	PASS
Band4	5MHz	QPSK	19975	36RB#18	21.79	20.09	33.00	PASS
Band4	5MHz	QPSK	19975	36RB#39	21.69	19.99	33.00	PASS
Band4	5MHz	QPSK	19975	75RB#0	21.66	19.96	33.00	PASS
Band4	5MHz	QPSK	20175	1RB#74	23.23	21.53	33.00	PASS
Band4	5MHz	QPSK	20175	1RB#38	22.81	21.11	33.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.87	21.17	33.00	PASS
Band4	5MHz	QPSK	20175	36RB#18	21.96	20.26	33.00	PASS
Band4	5MHz	QPSK	20175	36RB#39	21.58	19.88	33.00	PASS
Band4	5MHz	QPSK	20175	36RB#0	21.81	20.11	33.00	PASS
Band4	5MHz	QPSK	20175	75RB#0	21.87	20.17	33.00	PASS
Band4	5MHz	QPSK	20375	1RB#74	23.12	21.42	33.00	PASS
Band4	5MHz	QPSK	20375	1RB#38	22.67	20.97	33.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.06	21.36	33.00	PASS
Band4	5MHz	QPSK	20375	36RB#39	22.02	20.32	33.00	PASS
Band4	5MHz	QPSK	20375	36RB#0	21.68	19.98	33.00	PASS
Band4	5MHz	QPSK	20375	36RB#18	21.90	20.2	33.00	PASS
Band4	5MHz	QPSK	20375	75RB#0	21.99	20.29	33.00	PASS
Band4	5MHz	16QAM	18675	1RB#0	22.7	21	33.00	PASS
Band4	5MHz	16QAM	18675	1RB#74	22.96	21.26	33.00	PASS
Band4	5MHz	16QAM	19975	1RB#38	22.8	21.1	33.00	PASS
Band4	5MHz	16QAM	19975	36RB#39	21.81	20.11	33.00	PASS
Band4	5MHz	16QAM	19975	36RB#18	21.77	20.07	33.00	PASS
Band4	5MHz	16QAM	19975	36RB#0	21.75	20.05	33.00	PASS
Band4	5MHz	16QAM	19975	75RB#0	21.81	20.11	33.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	22.99	21.29	33.00	PASS
Band4	5MHz	16QAM	19975	1RB#74	22.94	21.24	33.00	PASS



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Band4	5MHz	16QAM	20175	1RB#38	22.9	21.2	33.00	PASS
Band4	5MHz	16QAM	20175	36RB#0	21.85	20.15	33.00	PASS
Band4	5MHz	16QAM	20175	36RB#39	21.87	20.17	33.00	PASS
Band4	5MHz	16QAM	20175	36RB#18	21.78	20.08	33.00	PASS
Band4	5MHz	16QAM	20175	75RB#0	21.86	20.16	33.00	PASS
Band4	5MHz	16QAM	20175	1RB#38	22.78	21.08	33.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	22.68	20.98	33.00	PASS
Band4	5MHz	16QAM	20375	1RB#74	22.78	21.08	33.00	PASS
Band4	5MHz	16QAM	20375	36RB#18	21.69	19.99	33.00	PASS
Band4	5MHz	16QAM	20375	36RB#39	21.71	20.01	33.00	PASS
Band4	5MHz	16QAM	20375	36RB#0	21.69	19.99	33.00	PASS
Band4	5MHz	16QAM	20375	75RB#0	21.72	20.02	33.00	PASS
Band4	5MHz	64QAM	20375	1RB#74	22.58	20.88	33.00	PASS
Band4	5MHz	64QAM	20375	1RB#38	22.13	20.43	33.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	22.52	20.82	33.00	PASS
Band4	5MHz	64QAM	19975	36RB#39	21.3	19.6	33.00	PASS
Band4	5MHz	64QAM	19975	36RB#18	21.09	19.39	33.00	PASS
Band4	5MHz	64QAM	19975	36RB#0	21.38	19.68	33.00	PASS
Band4	5MHz	64QAM	19975	75RB#0	21.35	19.65	33.00	PASS
Band4	5MHz	64QAM	19975	1RB#38	22.74	21.04	33.00	PASS
Band4	5MHz	64QAM	19975	1RB#74	22.57	20.87	33.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	22.61	20.91	33.00	PASS
Band4	5MHz	64QAM	20175	36RB#18	21.48	19.78	33.00	PASS
Band4	5MHz	64QAM	20175	36RB#39	21.47	19.77	33.00	PASS
Band4	5MHz	64QAM	20175	36RB#0	21.44	19.74	33.00	PASS
Band4	5MHz	64QAM	20175	75RB#0	21.49	19.79	33.00	PASS
Band4	5MHz	64QAM	20175	1RB#74	22.48	20.78	33.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	22.61	20.91	33.00	PASS
Band4	5MHz	64QAM	20375	1RB#38	22.63	20.93	33.00	PASS
Band4	5MHz	64QAM	20375	36RB#0	21.46	19.76	33.00	PASS
Band4	5MHz	64QAM	20375	36RB#39	21.45	19.75	33.00	PASS
Band4	5MHz	64QAM	20375	36RB#18	21.42	19.72	33.00	PASS
Band4	5MHz	64QAM	20375	75RB#0	21.46	19.76	33.00	PASS



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Band4	20MHz	QPSK	20050	1RB#0	22.80	21.1	33.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.44	20.74	33.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.02	21.32	33.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.92	20.22	33.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.73	20.03	33.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.63	19.93	33.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.77	20.07	33.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.70	21	33.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.41	20.71	33.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.79	21.09	33.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.70	20	33.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.57	19.87	33.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.51	19.81	33.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.58	19.88	33.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.82	21.12	33.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.25	20.55	33.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.72	21.02	33.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.69	19.99	33.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.36	19.66	33.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.49	19.79	33.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.22	19.52	33.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.69	20.99	33.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.93	21.23	33.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.73	21.03	33.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.74	20.04	33.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.78	20.08	33.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.77	20.07	33.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.74	20.04	33.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.9	21.2	33.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.88	21.18	33.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	23.05	21.35	33.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.78	20.08	33.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.87	20.17	33.00	PASS



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Band4	20MHz	16QAM	20175	50RB#0	21.9	20.2	33.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.83	20.13	33.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.71	21.01	33.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.84	21.14	33.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.7	21	33.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.67	19.97	33.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.72	20.02	33.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.75	20.05	33.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.78	20.08	33.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.97	20.27	33.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	22.37	20.67	33.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	22.39	20.69	33.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	21.06	19.36	33.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	20.87	19.17	33.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	21	19.3	33.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.93	19.23	33.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	22.63	20.93	33.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	22.83	21.13	33.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	22.67	20.97	33.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	21.55	19.85	33.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	21.49	19.79	33.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	21.49	19.79	33.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	21.44	19.74	33.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	22.56	20.86	33.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	22.65	20.95	33.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	22.53	20.83	33.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	21.48	19.78	33.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	21.51	19.81	33.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	21.51	19.81	33.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	21.48	19.78	33.00	PASS





SCC1(ANT2):

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.1	20.9	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.1	20.9	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#49	23.16	20.96	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.24	20.04	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#12	22.26	20.06	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#25	22.15	19.95	33.00	PASS
Band7	5MHz	QPSK	20775	50RB#0	22.25	20.05	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.09	20.89	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.04	20.84	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#49	23.11	20.91	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#12	22.18	19.98	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#25	22.19	19.99	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.22	20.02	33.00	PASS
Band7	5MHz	QPSK	21100	50RB#0	22.17	19.97	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.98	20.78	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.98	20.78	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#49	23	20.8	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	22.08	19.88	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#12	22.14	19.94	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#25	22.15	19.95	33.00	PASS
Band7	5MHz	QPSK	21425	50RB#0	22.05	19.85	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.73	20.53	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#49	22.69	20.49	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.72	20.52	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#12	21.62	19.42	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.67	19.47	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#25	21.69	19.49	33.00	PASS
Band7	5MHz	16QAM	20775	50RB#0	21.67	19.47	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.81	20.61	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#49	22.73	20.53	33.00	PASS



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Band7	5MHz	16QAM	21100	1RB#24	22.65	20.45	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.66	19.46	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#12	21.69	19.49	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#25	21.69	19.49	33.00	PASS
Band7	5MHz	16QAM	21100	50RB#0	21.64	19.44	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#49	22.7	20.5	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.66	20.46	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.65	20.45	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#25	21.61	19.41	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.56	19.36	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#12	21.56	19.36	33.00	PASS
Band7	5MHz	16QAM	21425	50RB#0	21.56	19.36	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#49	22.39	20.19	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	22.47	20.27	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	22.28	20.08	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#25	21.2	19	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	21.27	19.07	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#12	21.3	19.1	33.00	PASS
Band7	5MHz	64QAM	20775	50RB#0	21.23	19.03	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	22.43	20.23	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#24	22.48	20.28	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#49	22.5	20.3	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	21.29	19.09	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#12	21.26	19.06	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#25	21.27	19.07	33.00	PASS
Band7	5MHz	64QAM	21100	50RB#0	21.13	18.93	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	22.42	20.22	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#49	22.36	20.16	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	22.46	20.26	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	21.15	18.95	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#12	21.2	19	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#25	21.18	18.98	33.00	PASS
Band7	5MHz	64QAM	21425	50RB#0	21.18	18.98	33.00	PASS





Band7	20MHz	QPSK	20850	1RB#49	23.18	20.98	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.32	21.12	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.23	21.03	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	22.33	20.13	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	22.38	20.18	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	22.4	20.2	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.37	20.17	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.24	21.04	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.18	20.98	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.19	20.99	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	22.33	20.13	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	22.3	20.1	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	22.36	20.16	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.31	20.11	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.11	20.91	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.99	20.79	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.18	20.98	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	22.23	20.03	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	22.28	20.08	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	22.22	20.02	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.26	20.06	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.74	20.54	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.72	20.52	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.86	20.66	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	21.72	19.52	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	21.79	19.59	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	21.82	19.62	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.72	19.52	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.8	20.6	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.78	20.58	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.75	20.55	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	21.79	19.59	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	21.78	19.58	33.00	PASS



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Band7	20MHz	16QAM	21100	50RB#0	21.71	19.51	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.77	19.57	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	22.72	20.52	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.76	20.56	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.65	20.45	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	21.75	19.55	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	21.62	19.42	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	21.65	19.45	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.63	19.43	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	22.52	20.32	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	22.54	20.34	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	22.42	20.22	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	21.34	19.14	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	21.36	19.16	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	21.37	19.17	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	21.34	19.14	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	22.39	20.19	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	22.54	20.34	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	22.46	20.26	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	21.34	19.14	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#0	21.3	19.1	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#50	21.44	19.24	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	21.34	19.14	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	22.53	20.33	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	22.44	20.24	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	22.28	20.08	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	21.33	19.13	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	21.28	19.08	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	21.21	19.01	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	21.26	19.06	33.00	PASS





PCC(ANT5):

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	5MHz	QPSK	19975	1RB#0	22.34	20.74	33.00	PASS
Band4	5MHz	QPSK	19975	1RB#38	22.36	20.76	33.00	PASS
Band4	5MHz	QPSK	19975	1RB#74	22.43	20.83	33.00	PASS
Band4	5MHz	QPSK	19975	36RB#0	21.3	19.7	33.00	PASS
Band4	5MHz	QPSK	19975	36RB#18	21.35	19.75	33.00	PASS
Band4	5MHz	QPSK	19975	36RB#39	21.33	19.73	33.00	PASS
Band4	5MHz	QPSK	19975	75RB#0	21.29	19.69	33.00	PASS
Band4	5MHz	QPSK	20175	1RB#74	22.42	20.82	33.00	PASS
Band4	5MHz	QPSK	20175	1RB#38	22.41	20.81	33.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.48	20.88	33.00	PASS
Band4	5MHz	QPSK	20175	36RB#18	21.34	19.74	33.00	PASS
Band4	5MHz	QPSK	20175	36RB#39	21.36	19.76	33.00	PASS
Band4	5MHz	QPSK	20175	36RB#0	21.32	19.72	33.00	PASS
Band4	5MHz	QPSK	20175	75RB#0	21.25	19.65	33.00	PASS
Band4	5MHz	QPSK	20375	1RB#74	22.35	20.75	33.00	PASS
Band4	5MHz	QPSK	20375	1RB#38	22.39	20.79	33.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.55	20.95	33.00	PASS
Band4	5MHz	QPSK	20375	36RB#39	21.25	19.65	33.00	PASS
Band4	5MHz	QPSK	20375	36RB#0	21.3	19.7	33.00	PASS
Band4	5MHz	QPSK	20375	36RB#18	21.3	19.7	33.00	PASS
Band4	5MHz	QPSK	20375	75RB#0	21.24	19.64	33.00	PASS
Band4	5MHz	64QAM	18675	1RB#0	20.70	19.1	33.00	PASS
Band4	5MHz	64QAM	18675	1RB#74	20.74	19.14	33.00	PASS
Band4	5MHz	64QAM	19975	1RB#38	20.75	19.15	33.00	PASS
Band4	5MHz	64QAM	19975	36RB#39	19.68	18.08	33.00	PASS
Band4	5MHz	64QAM	19975	36RB#18	19.56	17.96	33.00	PASS
Band4	5MHz	64QAM	19975	36RB#0	19.30	17.7	33.00	PASS
Band4	5MHz	64QAM	19975	75RB#0	19.48	17.88	33.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	20.83	19.23	33.00	PASS
Band4	5MHz	64QAM	19975	1RB#74	20.58	18.98	33.00	PASS





Band4	5MHz	64QAM	20175	1RB#38	20.50	18.9	33.00	PASS
Band4	5MHz	64QAM	20175	36RB#0	19.57	17.97	33.00	PASS
Band4	5MHz	64QAM	20175	36RB#39	19.72	18.12	33.00	PASS
Band4	5MHz	64QAM	20175	36RB#18	19.51	17.91	33.00	PASS
Band4	5MHz	64QAM	20175	75RB#0	19.23	17.63	33.00	PASS
Band4	5MHz	64QAM	20175	1RB#38	20.33	18.73	33.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	20.40	18.8	33.00	PASS
Band4	5MHz	64QAM	20375	1RB#74	20.60	19	33.00	PASS
Band4	5MHz	64QAM	20375	36RB#18	19.88	18.28	33.00	PASS
Band4	5MHz	64QAM	20375	36RB#39	19.23	17.63	33.00	PASS
Band4	5MHz	64QAM	20375	36RB#0	19.16	17.56	33.00	PASS
Band4	5MHz	64QAM	20375	75RB#0	19.36	17.76	33.00	PASS
Band4	5MHz	16QAM	20375	1RB#74	22.00	20.4	33.00	PASS
Band4	5MHz	16QAM	20375	1RB#38	21.59	19.99	33.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.76	20.16	33.00	PASS
Band4	5MHz	16QAM	19975	36RB#39	20.92	19.32	33.00	PASS
Band4	5MHz	16QAM	19975	36RB#18	20.70	19.1	33.00	PASS
Band4	5MHz	16QAM	19975	36RB#0	20.93	19.33	33.00	PASS
Band4	5MHz	16QAM	19975	75RB#0	20.67	19.07	33.00	PASS
Band4	5MHz	16QAM	19975	1RB#38	22.07	20.47	33.00	PASS
Band4	5MHz	16QAM	19975	1RB#74	21.36	19.76	33.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.90	20.3	33.00	PASS
Band4	5MHz	16QAM	20175	36RB#18	20.99	19.39	33.00	PASS
Band4	5MHz	16QAM	20175	36RB#39	20.47	18.87	33.00	PASS
Band4	5MHz	16QAM	20175	36RB#0	20.58	18.98	33.00	PASS
Band4	5MHz	16QAM	20175	75RB#0	20.74	19.14	33.00	PASS
Band4	5MHz	16QAM	20175	1RB#74	22.03	20.43	33.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.31	19.71	33.00	PASS
Band4	5MHz	16QAM	20375	1RB#38	21.89	20.29	33.00	PASS
Band4	5MHz	16QAM	20375	36RB#0	20.78	19.18	33.00	PASS
Band4	5MHz	16QAM	20375	36RB#39	20.44	18.84	33.00	PASS
Band4	5MHz	16QAM	20375	36RB#18	20.49	18.89	33.00	PASS
Band4	5MHz	16QAM	20375	75RB#0	20.74	19.14	33.00	PASS



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Band4	20MHz	QPSK	20050	1RB#0	22.80	21.2	33.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.44	20.84	33.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.02	21.42	33.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.92	20.32	33.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.73	20.13	33.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.63	20.03	33.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.77	20.17	33.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.70	21.1	33.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.41	20.81	33.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.79	21.19	33.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.70	20.1	33.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.57	19.97	33.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.51	19.91	33.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.58	19.98	33.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.82	21.22	33.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.25	20.65	33.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.72	21.12	33.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.69	20.09	33.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.36	19.76	33.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.49	19.89	33.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.22	19.62	33.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.04	19.44	33.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	20.96	19.36	33.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	20.72	19.12	33.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	19.98	18.38	33.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	19.88	18.28	33.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	19.81	18.21	33.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	19.65	18.05	33.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	20.82	19.22	33.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	20.82	19.22	33.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	20.52	18.92	33.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	19.77	18.17	33.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	19.80	18.2	33.00	PASS



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Band4	20MHz	64QAM	20175	100RB#0	19.58	17.98	33.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	20.46	18.86	33.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	20.54	18.94	33.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	20.84	19.24	33.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	19.84	18.24	33.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	19.68	18.08	33.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	19.42	17.82	33.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	19.63	18.03	33.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.85	20.25	33.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.87	20.27	33.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.01	20.41	33.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.79	19.19	33.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.61	19.01	33.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.46	18.86	33.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.76	19.16	33.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.16	20.56	33.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.72	20.12	33.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.86	20.26	33.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.38	18.78	33.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.57	18.97	33.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.31	18.71	33.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.63	19.03	33.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.14	20.54	33.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.77	20.17	33.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.02	20.42	33.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.46	18.86	33.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.45	18.85	33.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.40	18.8	33.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.47	18.87	33.00	PASS





SCC1(ANT5):

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	21.49	20.29	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#24	21.95	20.75	33.00	PASS
Band7	5MHz	QPSK	20775	1RB#49	22.29	21.09	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#0	20.94	19.74	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#12	21.40	20.2	33.00	PASS
Band7	5MHz	QPSK	20775	25RB#25	21.28	20.08	33.00	PASS
Band7	5MHz	QPSK	20775	50RB#0	21.28	20.08	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.23	21.03	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.21	21.01	33.00	PASS
Band7	5MHz	QPSK	21100	1RB#49	22.38	21.18	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#12	21.24	20.04	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#25	21.54	20.34	33.00	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.28	20.08	33.00	PASS
Band7	5MHz	QPSK	21100	50RB#0	21.52	20.32	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.16	20.96	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.09	20.89	33.00	PASS
Band7	5MHz	QPSK	21425	1RB#49	22.20	21	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.44	20.24	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#12	21.64	20.44	33.00	PASS
Band7	5MHz	QPSK	21425	25RB#25	21.25	20.05	33.00	PASS
Band7	5MHz	QPSK	21425	50RB#0	21.52	20.32	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#0	21.78	20.58	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#49	21.74	20.54	33.00	PASS
Band7	5MHz	64QAM	20775	1RB#24	21.87	20.67	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#12	20.61	19.41	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#0	20.76	19.56	33.00	PASS
Band7	5MHz	64QAM	20775	25RB#25	20.63	19.43	33.00	PASS
Band7	5MHz	64QAM	20775	50RB#0	20.61	19.41	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#0	21.78	20.58	33.00	PASS
Band7	5MHz	64QAM	21100	1RB#49	22.04	20.84	33.00	PASS



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Band7	5MHz	64QAM	21100	1RB#24	21.82	20.62	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#0	20.97	19.77	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#12	20.82	19.62	33.00	PASS
Band7	5MHz	64QAM	21100	25RB#25	20.64	19.44	33.00	PASS
Band7	5MHz	64QAM	21100	50RB#0	21.02	19.82	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#49	21.85	20.65	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#24	21.85	20.65	33.00	PASS
Band7	5MHz	64QAM	21425	1RB#0	21.60	20.4	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#25	20.67	19.47	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#0	20.96	19.76	33.00	PASS
Band7	5MHz	64QAM	21425	25RB#12	20.71	19.51	33.00	PASS
Band7	5MHz	64QAM	21425	50RB#0	20.66	19.46	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#49	21.26	20.06	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#0	20.45	19.25	33.00	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.25	20.05	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#25	20.33	19.13	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	19.91	18.71	33.00	PASS
Band7	5MHz	16QAM	20775	25RB#12	20.10	18.9	33.00	PASS
Band7	5MHz	16QAM	20775	50RB#0	20.19	18.99	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.43	20.23	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.29	20.09	33.00	PASS
Band7	5MHz	16QAM	21100	1RB#49	21.52	20.32	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.21	19.01	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#12	20.54	19.34	33.00	PASS
Band7	5MHz	16QAM	21100	25RB#25	20.38	19.18	33.00	PASS
Band7	5MHz	16QAM	21100	50RB#0	20.46	19.26	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.60	20.4	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#49	21.70	20.5	33.00	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.63	20.43	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.59	19.39	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#12	20.49	19.29	33.00	PASS
Band7	5MHz	16QAM	21425	25RB#25	20.19	18.99	33.00	PASS
Band7	5MHz	16QAM	21425	50RB#0	20.22	19.02	33.00	PASS



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Band7	20MHz	QPSK	20850	1RB#49	22.49	21.29	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.55	21.35	33.00	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.30	21.1	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.47	20.27	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.40	20.2	33.00	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.60	20.4	33.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.32	20.12	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.53	21.33	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.44	21.24	33.00	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.29	21.09	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.65	20.45	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.55	20.35	33.00	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.72	20.52	33.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.63	20.43	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.51	21.31	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.52	21.32	33.00	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.46	21.26	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.58	20.38	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.65	20.45	33.00	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.30	20.1	33.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.57	20.37	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#0	21.59	20.39	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#49	21.86	20.66	33.00	PASS
Band7	20MHz	64QAM	20850	1RB#99	22.09	20.89	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#0	20.79	19.59	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#25	21.01	19.81	33.00	PASS
Band7	20MHz	64QAM	20850	50RB#50	20.81	19.61	33.00	PASS
Band7	20MHz	64QAM	20850	100RB#0	20.79	19.59	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#99	22.12	20.92	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#0	21.90	20.7	33.00	PASS
Band7	20MHz	64QAM	21100	1RB#49	21.97	20.77	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#25	20.93	19.73	33.00	PASS
Band7	20MHz	64QAM	21100	50RB#50	20.93	19.73	33.00	PASS





Band7	20MHz	64QAM	21100	50RB#0	21.01	19.81	33.00	PASS
Band7	20MHz	64QAM	21100	100RB#0	20.90	19.7	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#49	22.06	20.86	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#99	21.71	20.51	33.00	PASS
Band7	20MHz	64QAM	21350	1RB#0	22.12	20.92	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#50	20.87	19.67	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#0	21.06	19.86	33.00	PASS
Band7	20MHz	64QAM	21350	50RB#25	21.00	19.8	33.00	PASS
Band7	20MHz	64QAM	21350	100RB#0	20.76	19.56	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.71	20.51	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.39	20.19	33.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.72	20.52	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.47	19.27	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.55	19.35	33.00	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.31	19.11	33.00	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.47	19.27	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.90	20.7	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.74	20.54	33.00	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.47	20.27	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.38	19.18	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.54	19.34	33.00	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.66	19.46	33.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.32	19.12	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.78	20.58	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.77	20.57	33.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.58	20.38	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.41	19.21	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.66	19.46	33.00	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.52	19.32	33.00	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.40	19.2	33.00	PASS

Remark:

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

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

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



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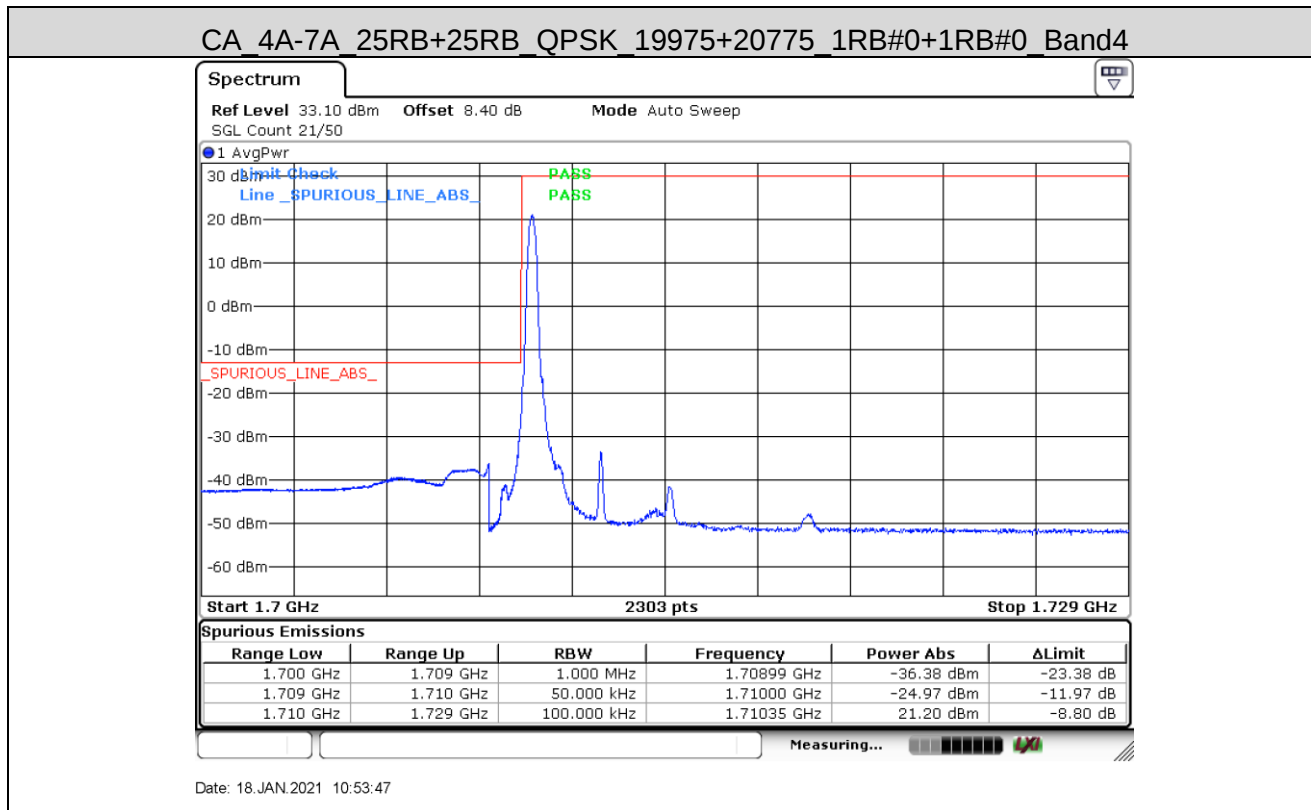
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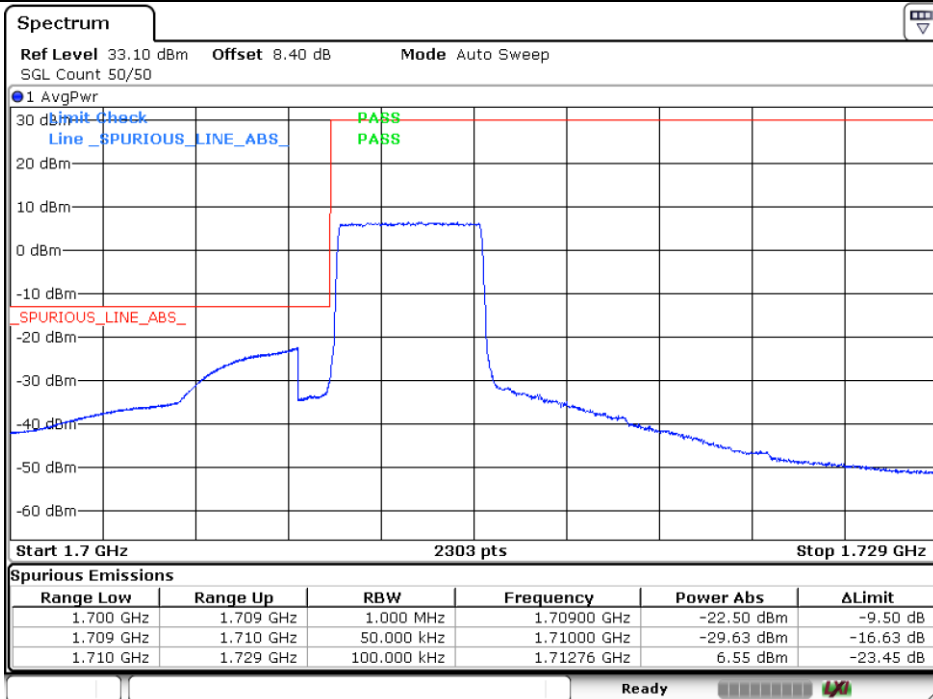
2 Band Edges Compliance

2.1 For LTE

2.1.1 Test Band = LTE Band CA_4A-7A

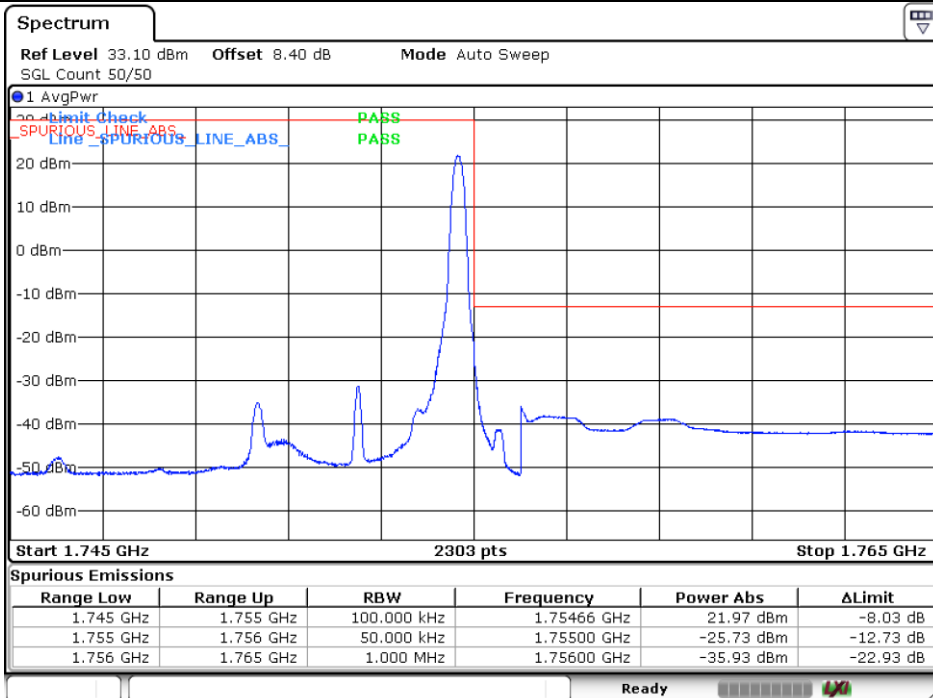


CA 4A-7A 25RB+25RB QPSK 19975+20775 75RB#0+50RB#0 Band4



Date: 18.JAN.2021 10:49:01

CA 4A-7A 25RB+25RB QPSK 20375+21425 1RB#74+1RB#49 Band4



Date: 18.JAN.2021 11:20:39

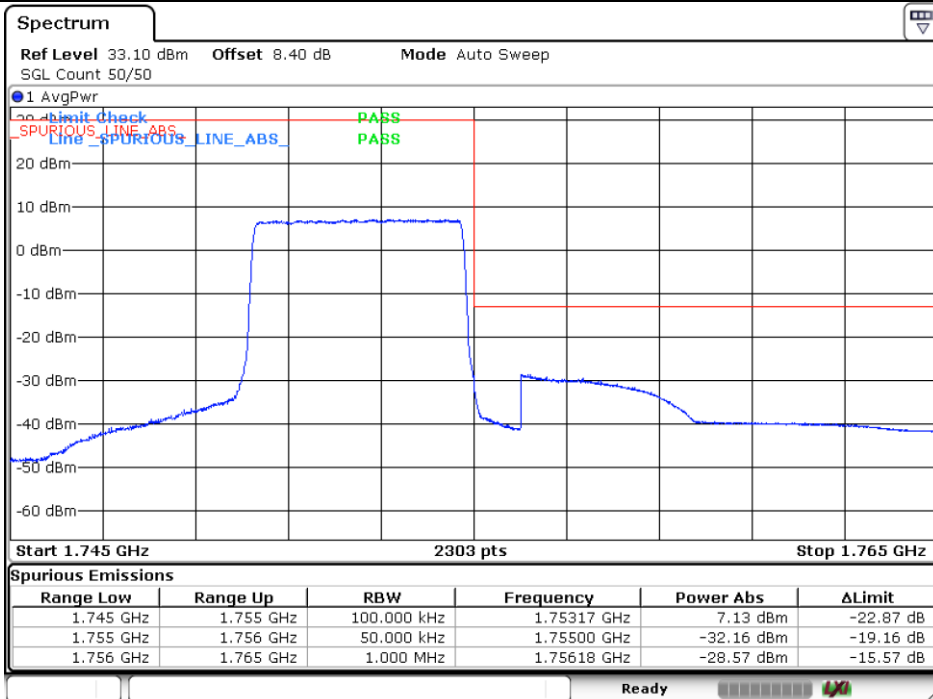


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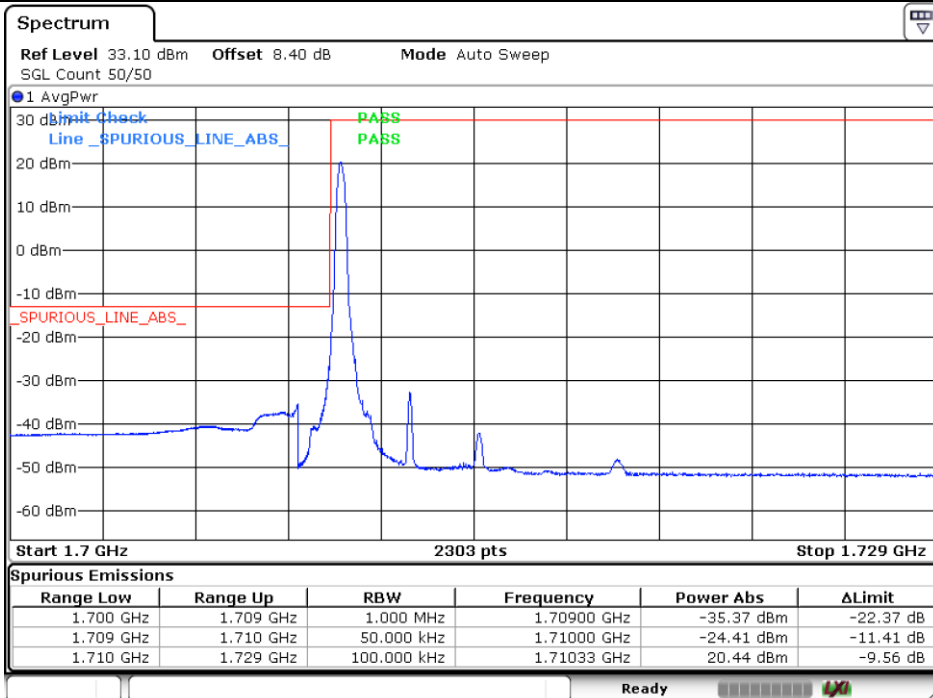
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CA 4A-7A 25RB+25RB QPSK 20375+21425 75RB#0+50RB#0 Band4



Date: 18.JAN.2021 11:16:29

CA 4A-7A 25RB+25RB 16QAM 19975+20775 1RB#0+1RB#0 Band4



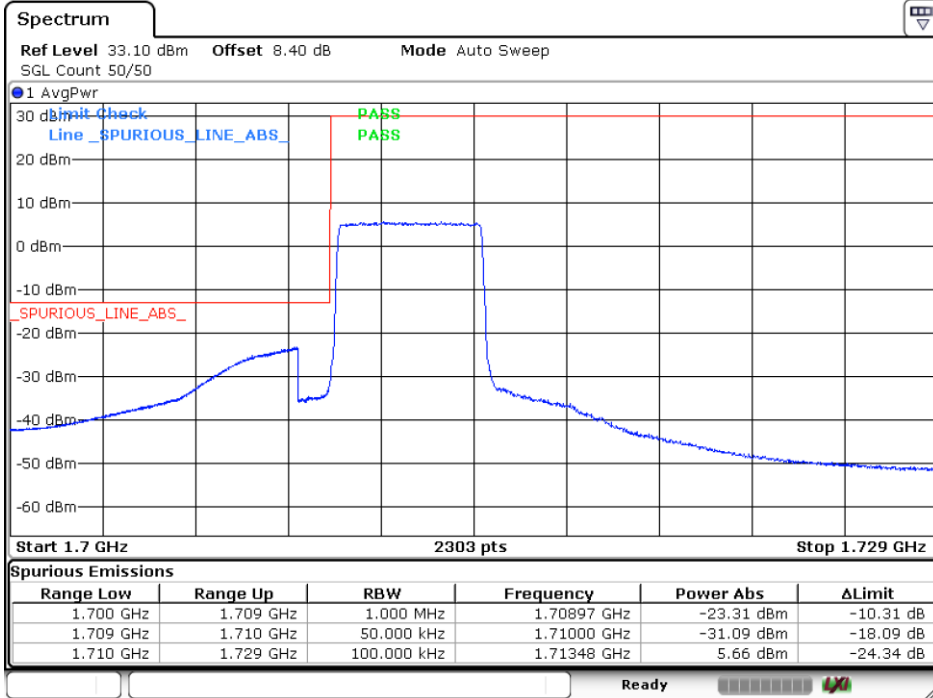
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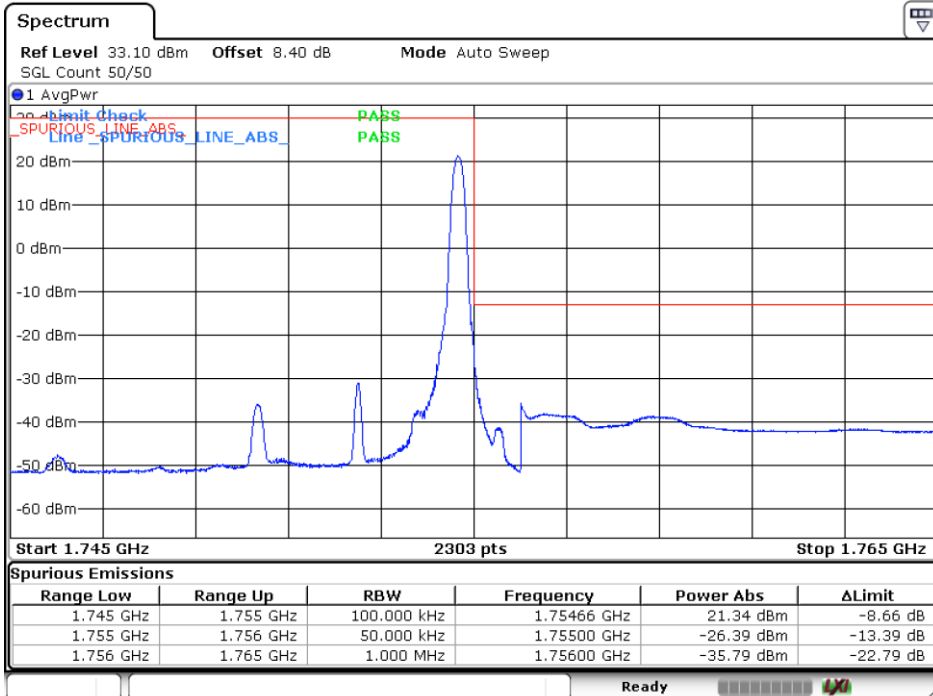
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CA 4A-7A 25RB+25RB 16QAM 19975+20775 75RB#0+50RB#0 Band4



Date: 18.JAN.2021 10:50:27

CA 4A-7A 25RB+25RB 16QAM 20375+21425 1RB#74+1RB#49 Band4



Date: 18.JAN.2021 11:20:11



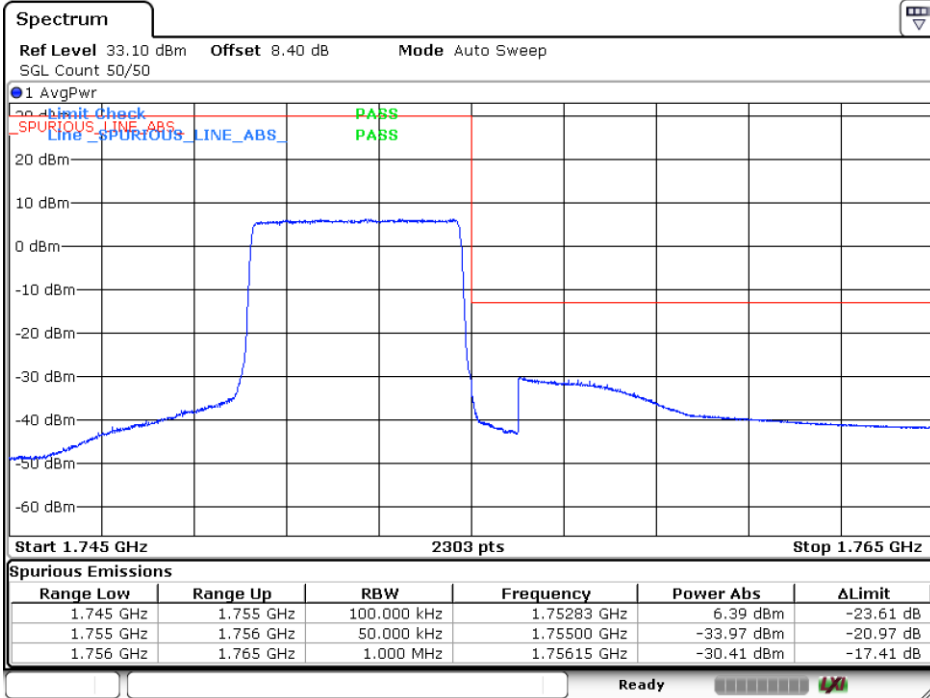
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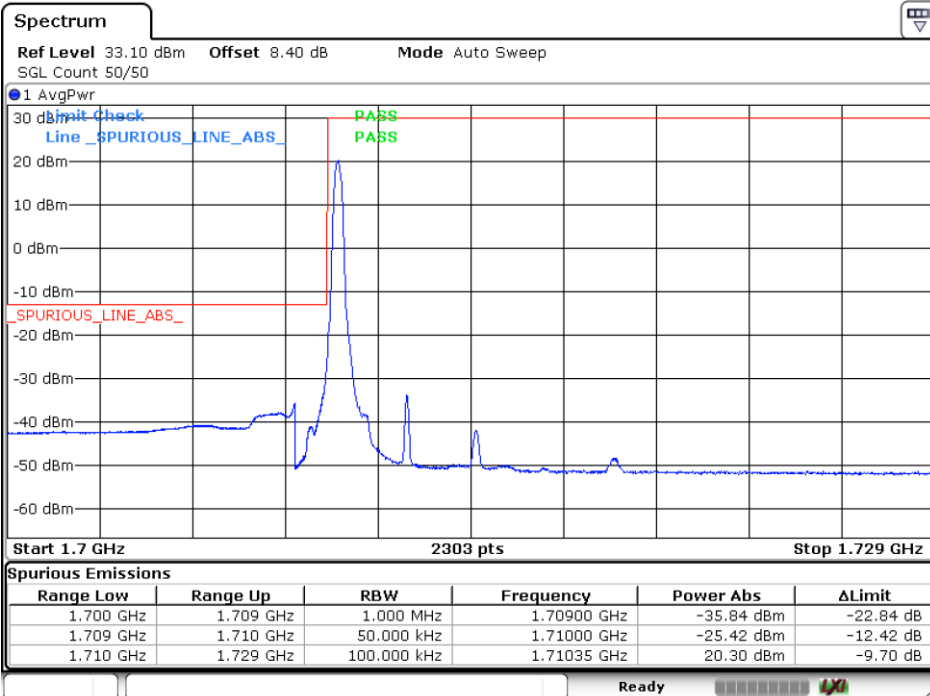
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CA 4A-7A 25RB+25RB 16QAM 20375+21425 75RB#0+50RB#0 Band4



Date: 18. JAN. 2021 11:17:23

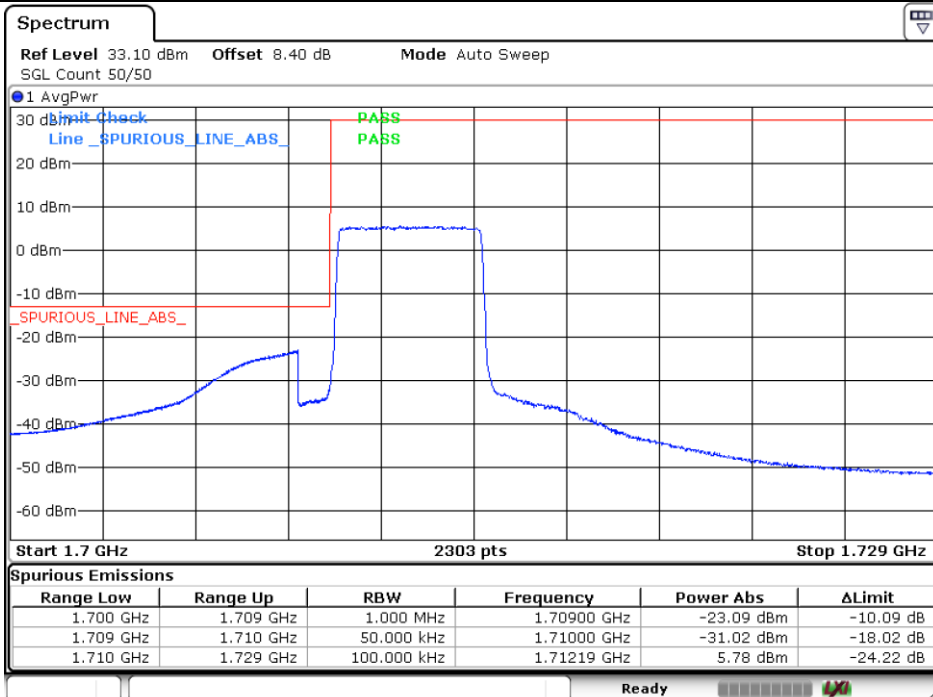
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Date: 18. JAN. 2021 10:52:14

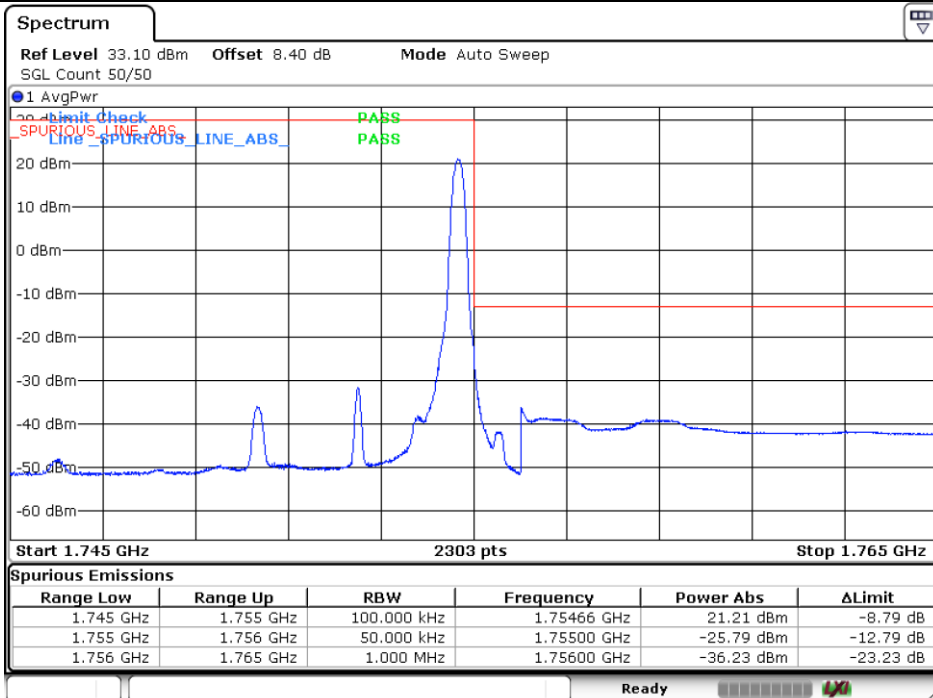


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Date: 18.JAN.2021 10:51:24

CA 4A-7A 25RB+25RB 64QAM 20375+21425 1RB#74+1RB#49 Band4



Date: 18.JAN.2021 11:18:28

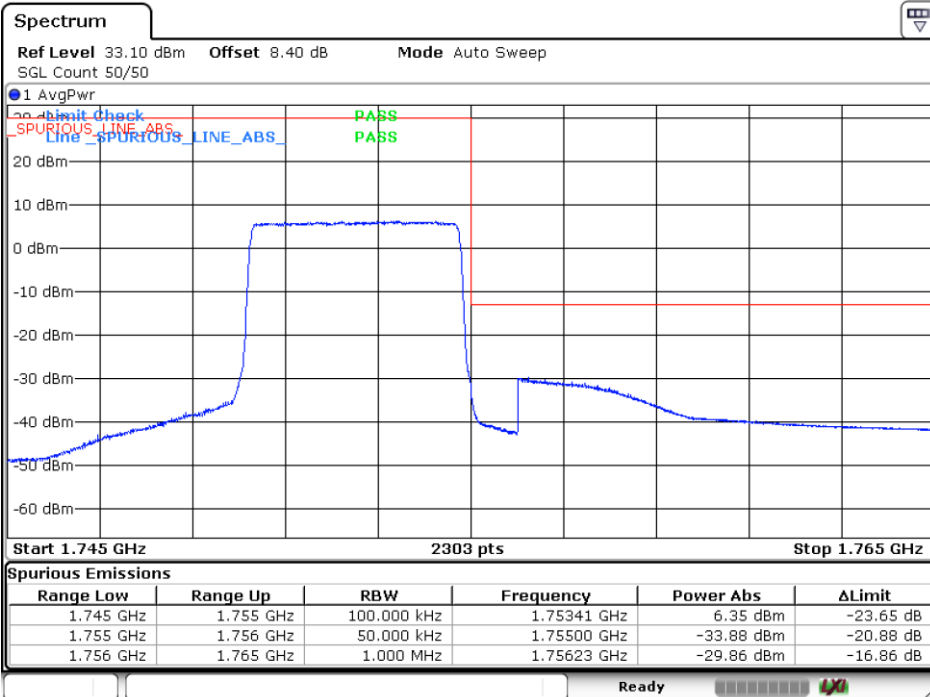


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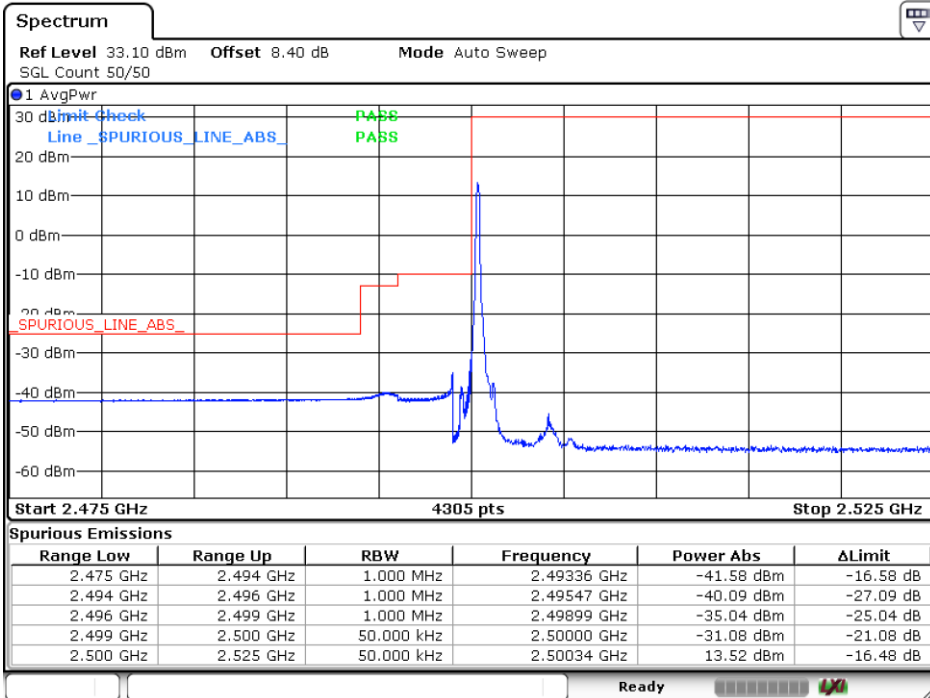
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Date: 18. JAN 2021 11:17:51

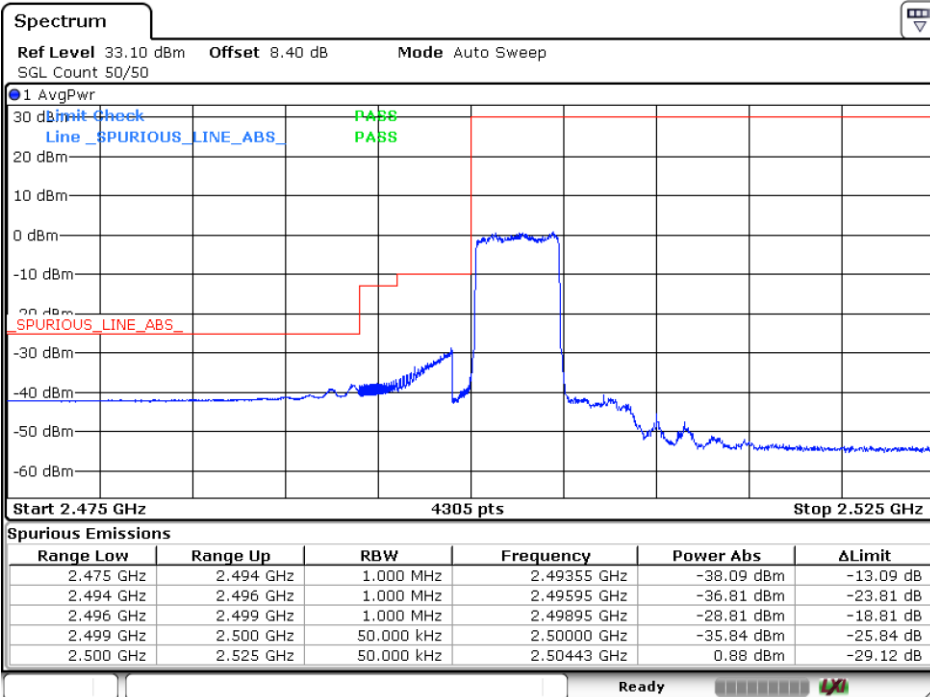
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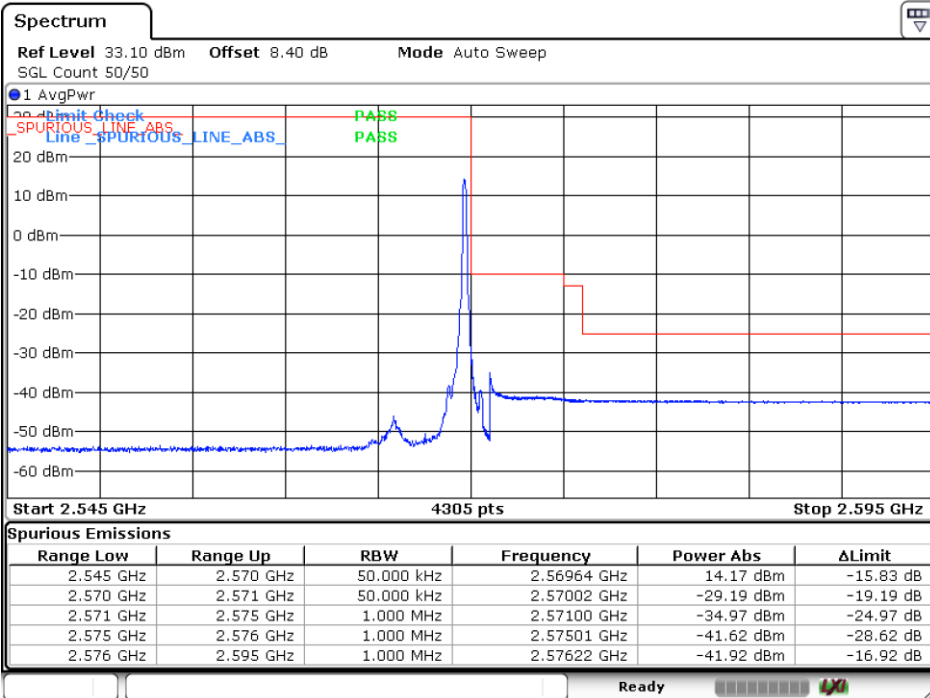


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Date: 18.JAN.2021 11:00:12

CA 4A-7A 25RB+25RB QPSK 20375+21425 1RB#74+1RB#49 Band7



Date: 18.JAN.2021 11:07:29



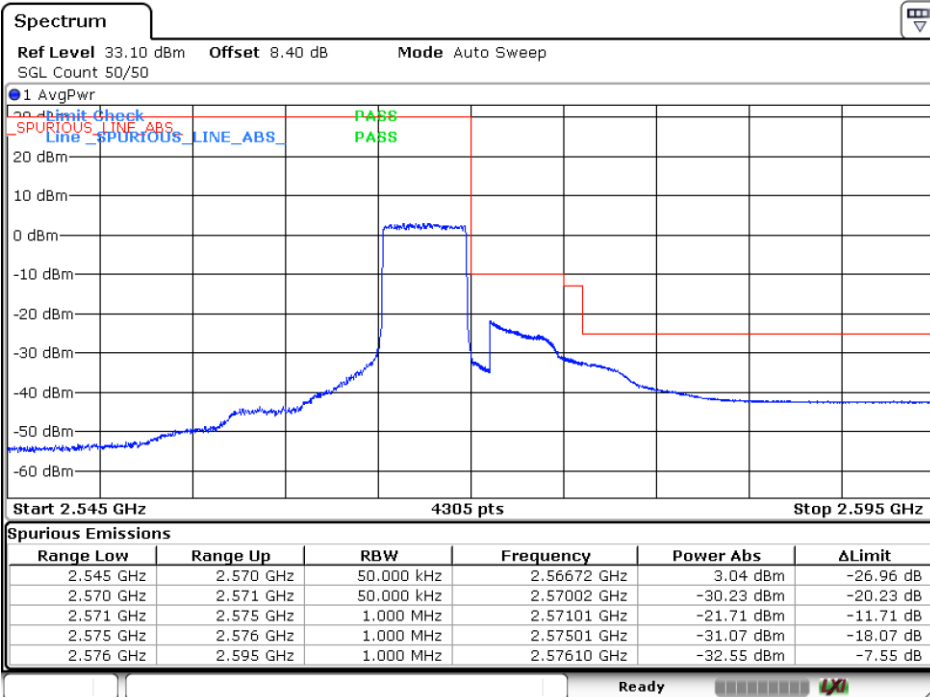
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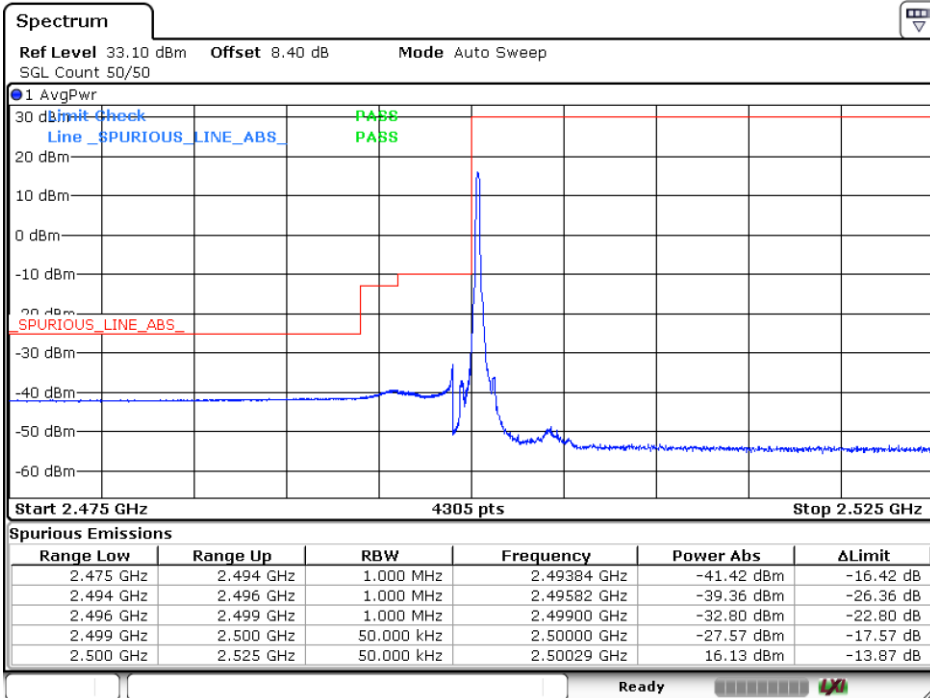
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CA 4A-7A 25RB+25RB QPSK 20375+21425 75RB#0+50RB#0 Band7



Date: 18. JAN 2021 11:12:13

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Date: 18. JAN 2021 11:03:26



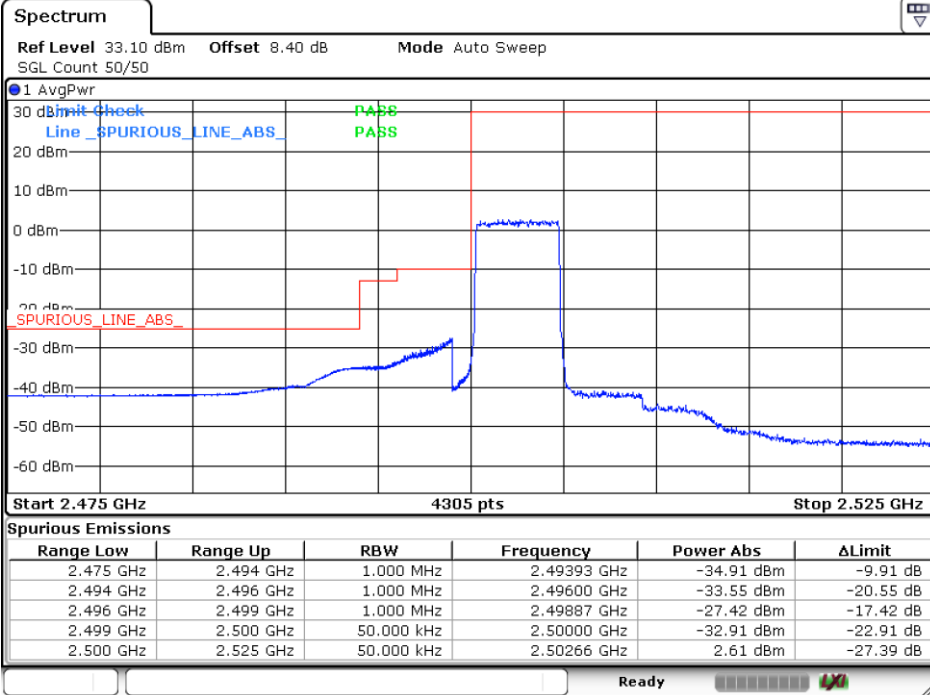
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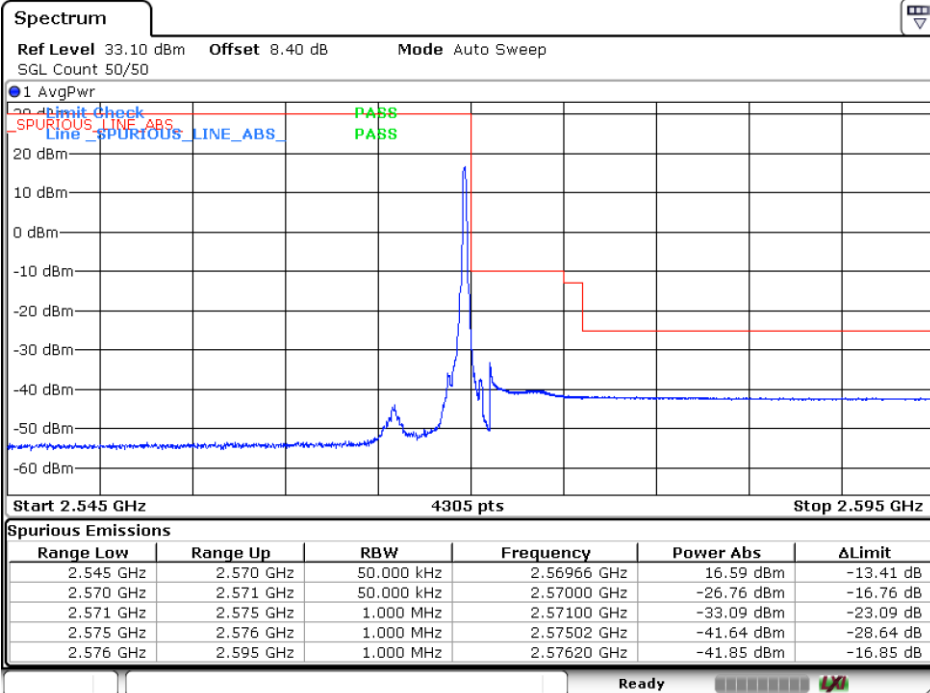
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CA 4A-7A 25RB+25RB 16QAM 19975+20775 75RB#0+50RB#0 Band7



Date: 18.JAN.2021 11:01:22

CA 4A-7A 25RB+25RB 16QAM 20375+21425 1RB#74+1RB#49 Band7



Date: 18.JAN.2021 11:08:33

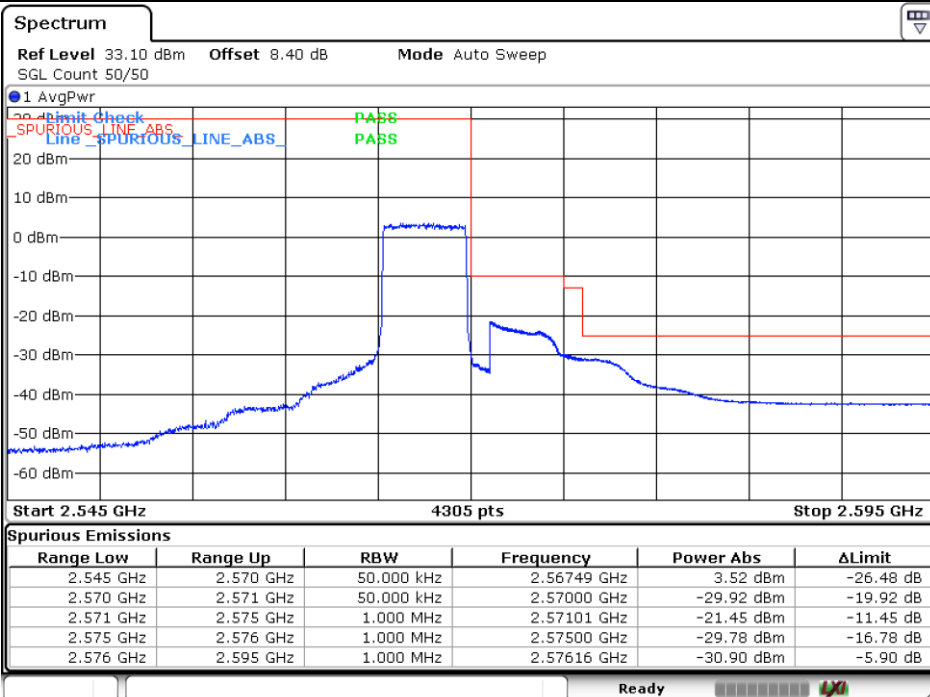


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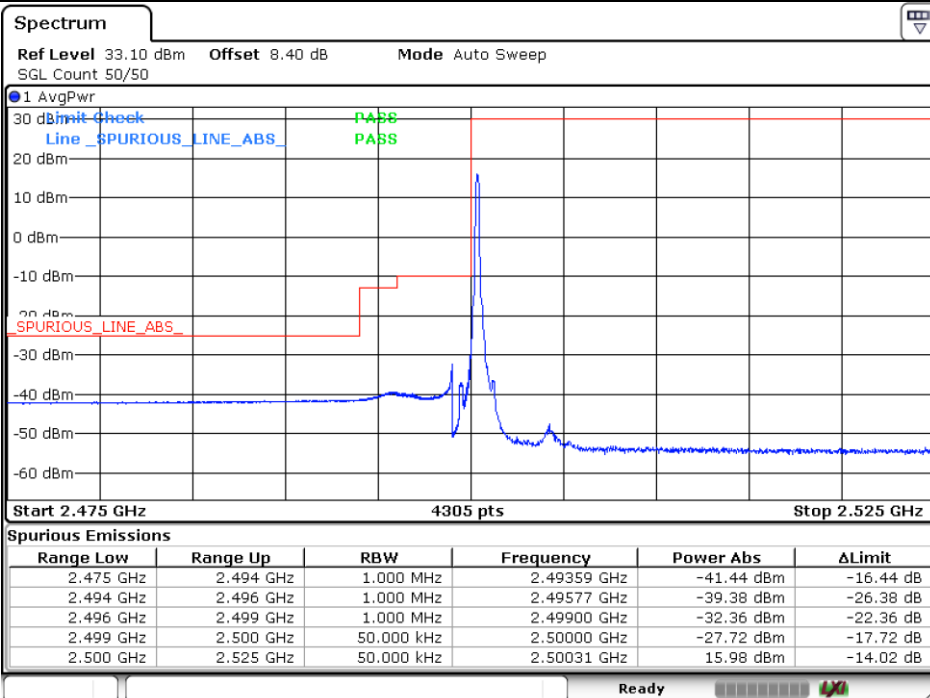
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CA 4A-7A 25RB+25RB 16QAM 20375+21425 75RB#0+50RB#0 Band7



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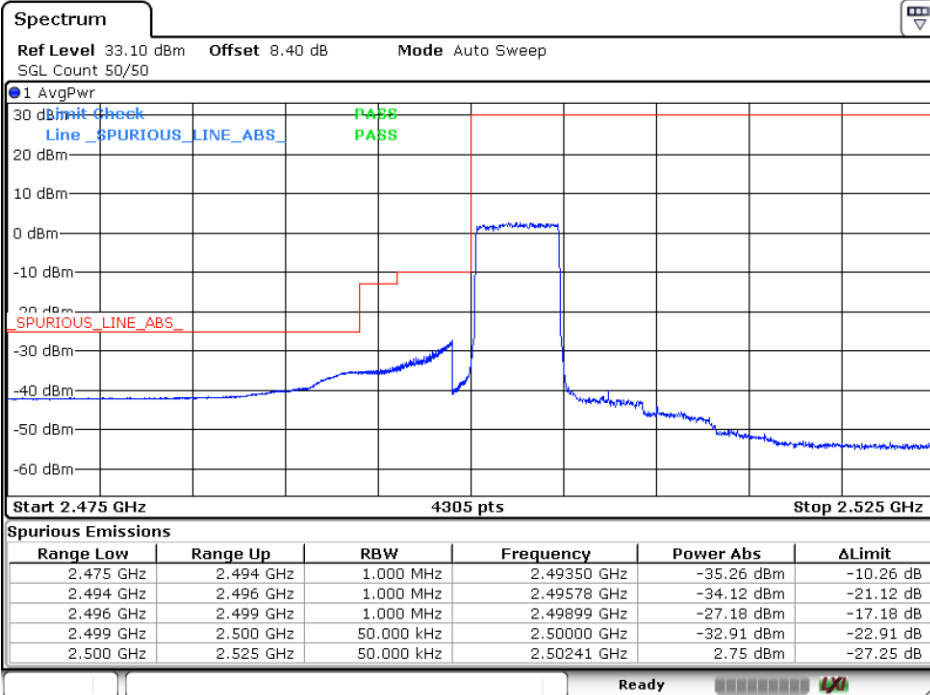
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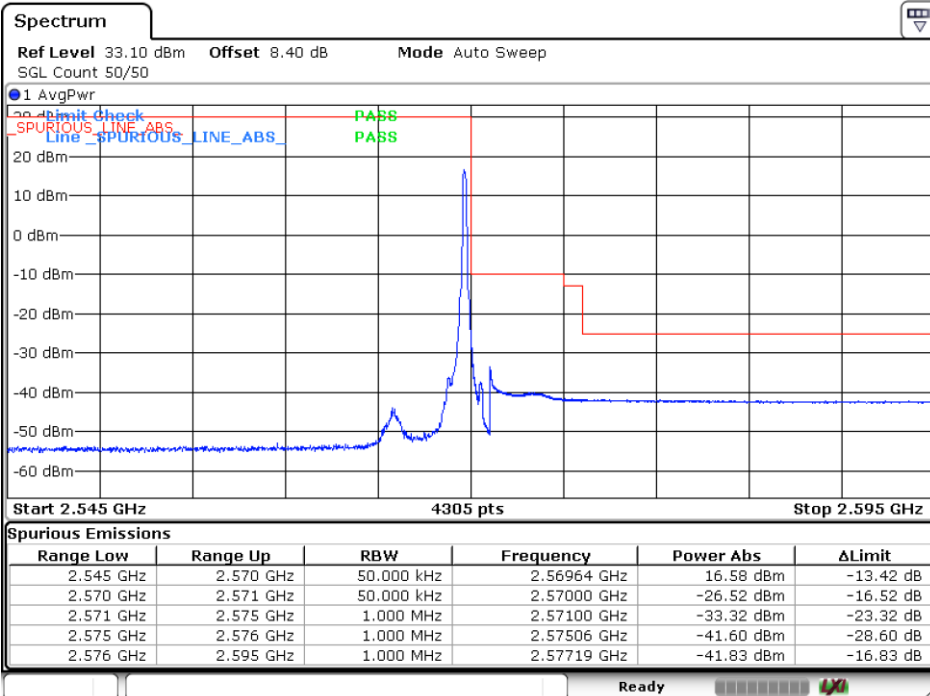


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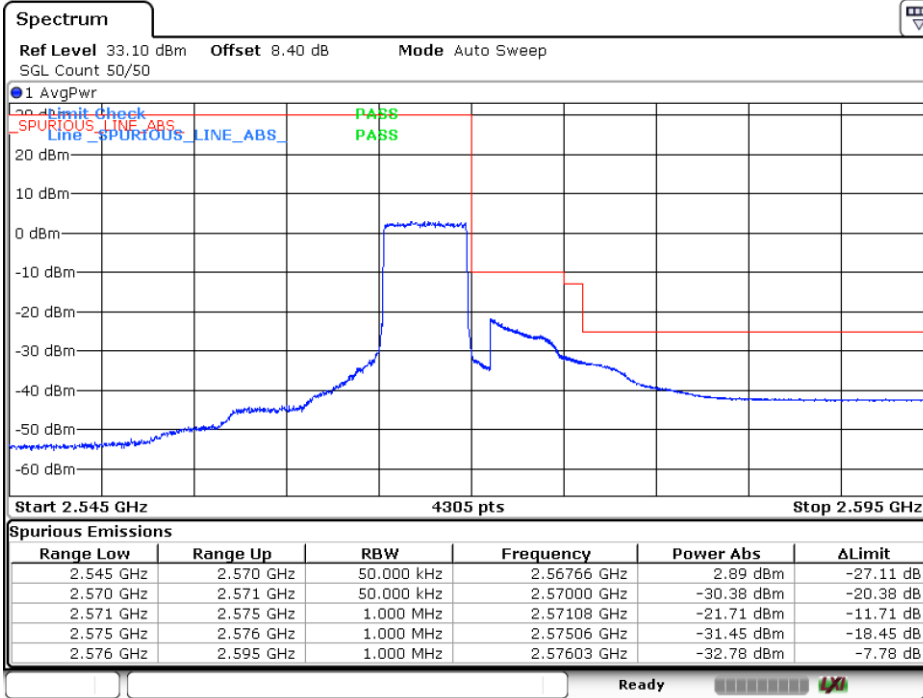
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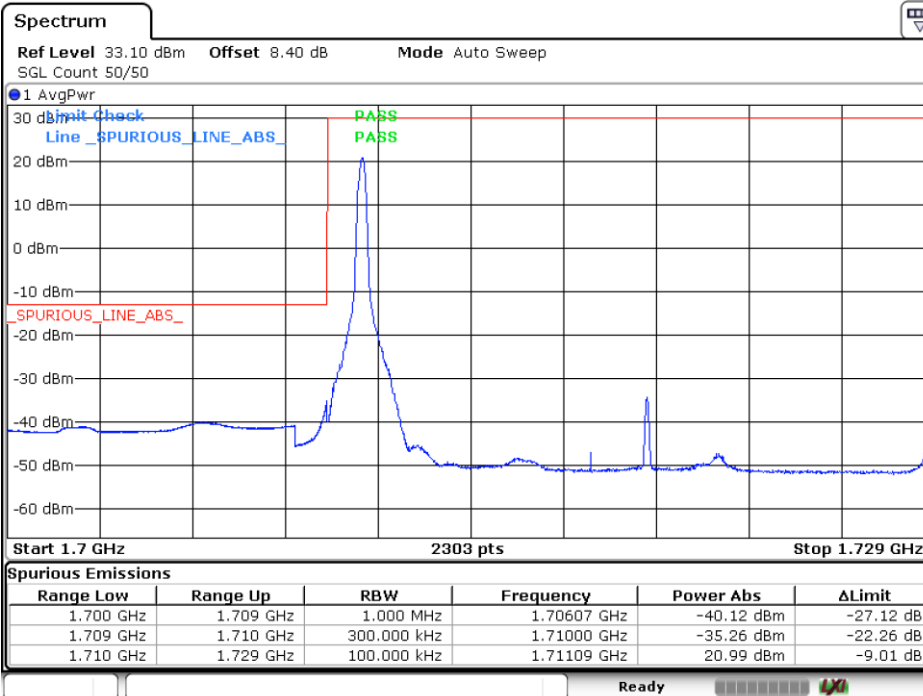


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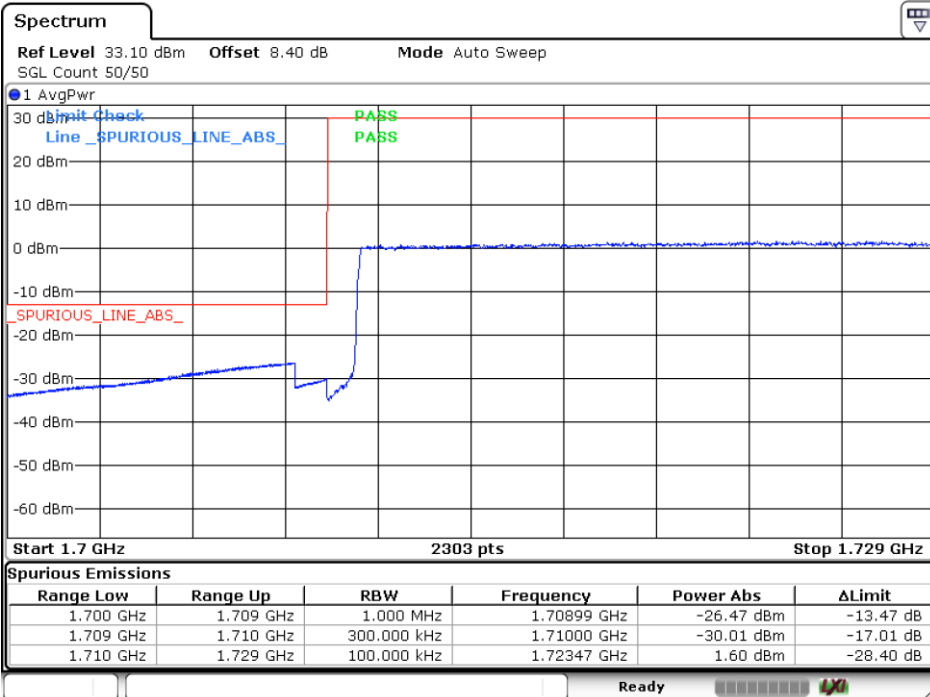
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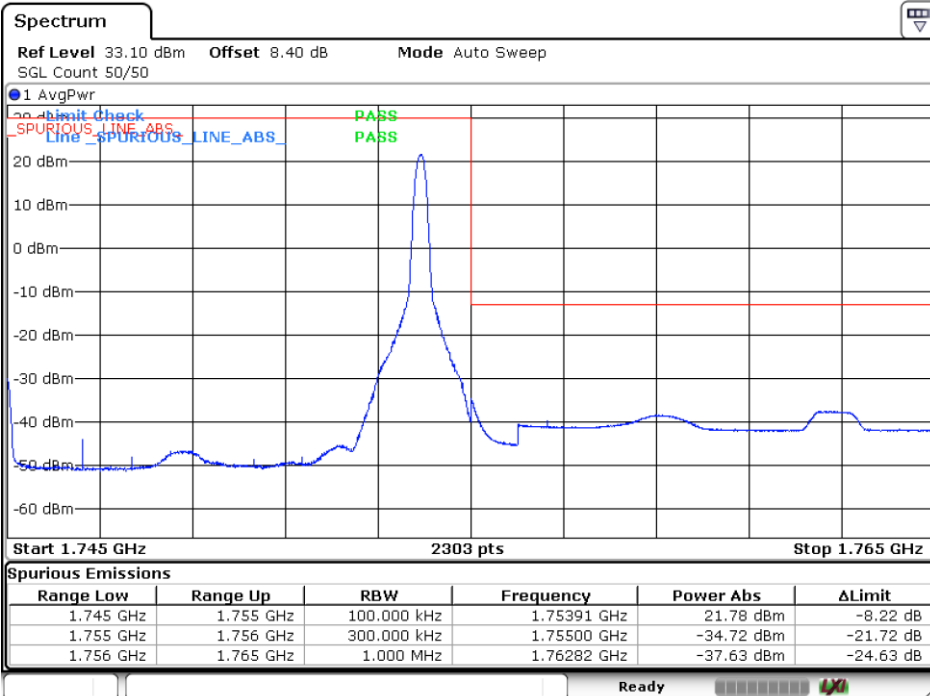


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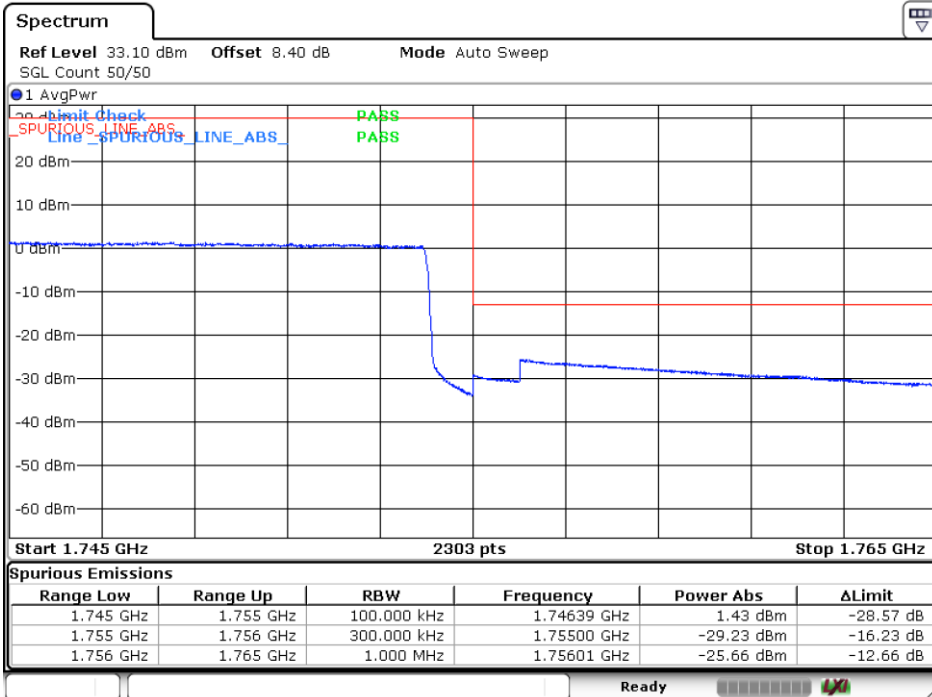
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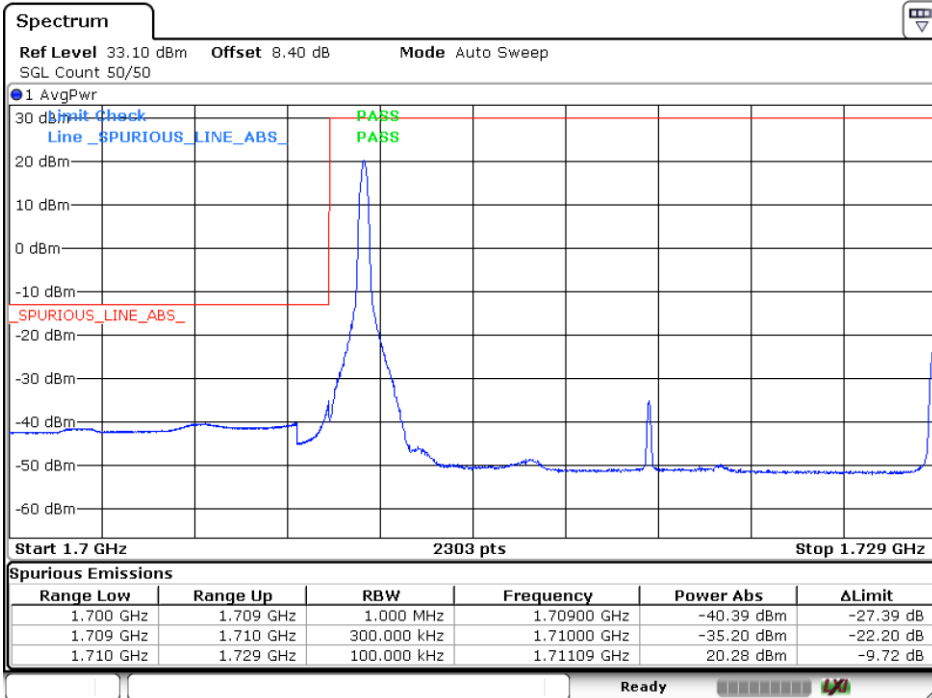


CA 4A-7A 100RB+100RB_QPSK_20300+21350_100RB#0+50RB#0_Band4



Date: 18.JAN.2021 10:44:05

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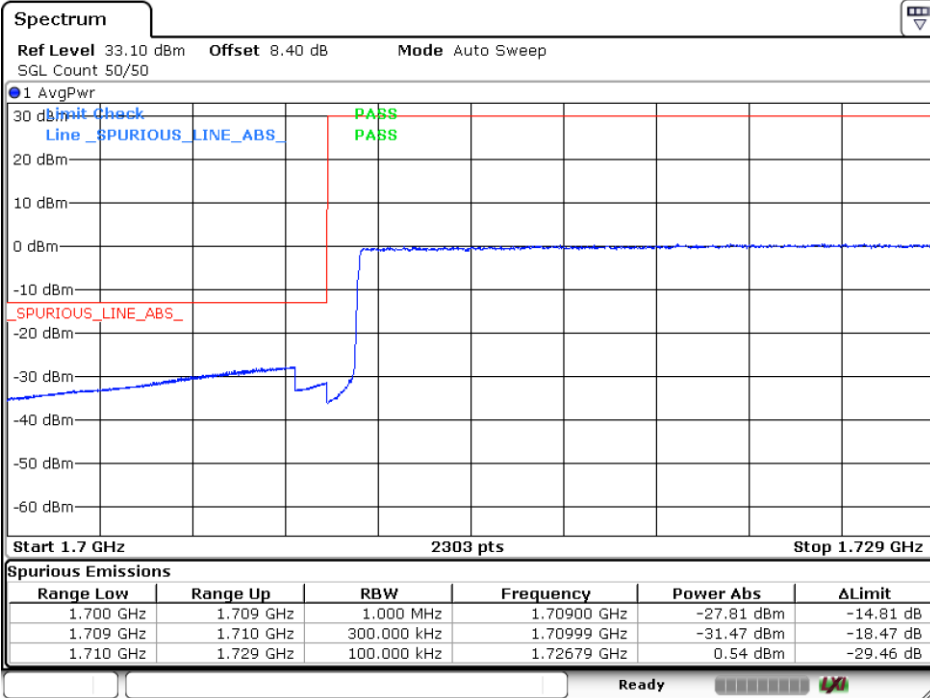


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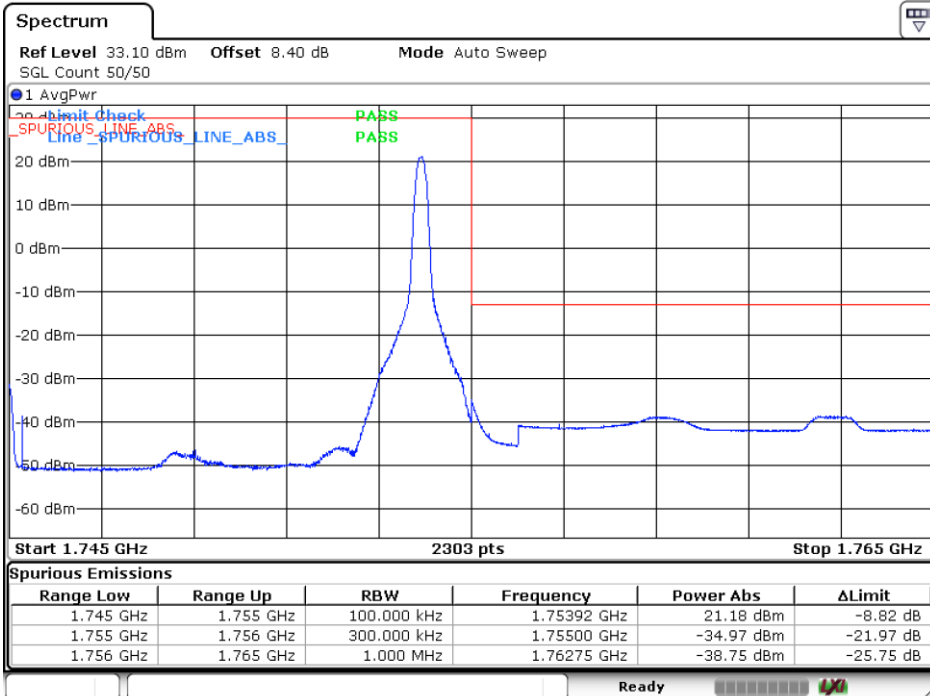
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CA 4A-7A 100RB+100RB 16QAM 20050+20850 100RB#0+50RB#0 Band4



Date: 18. JAN 2021 10:35:14

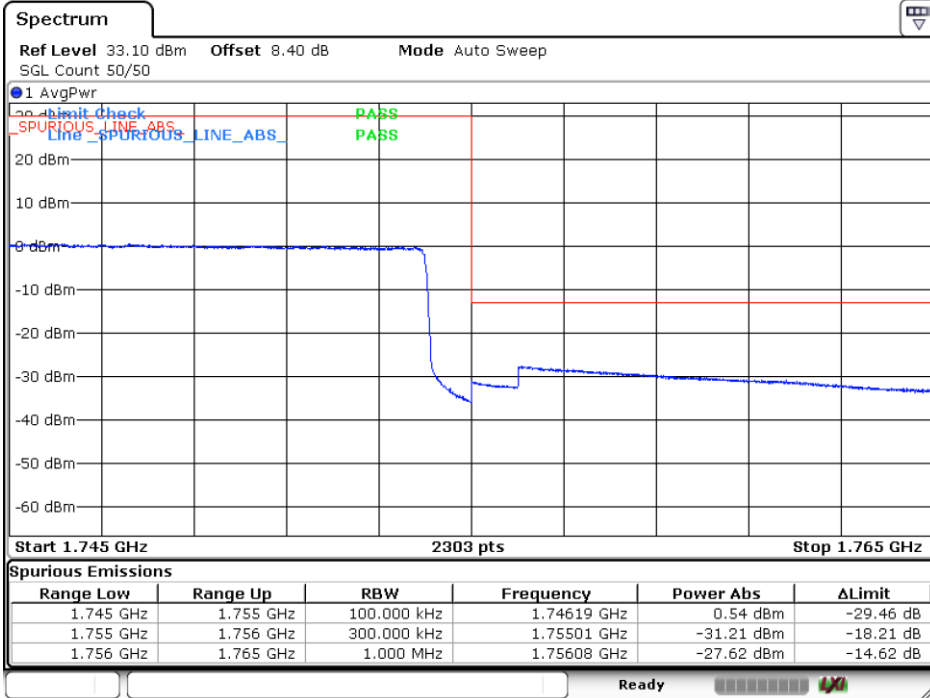
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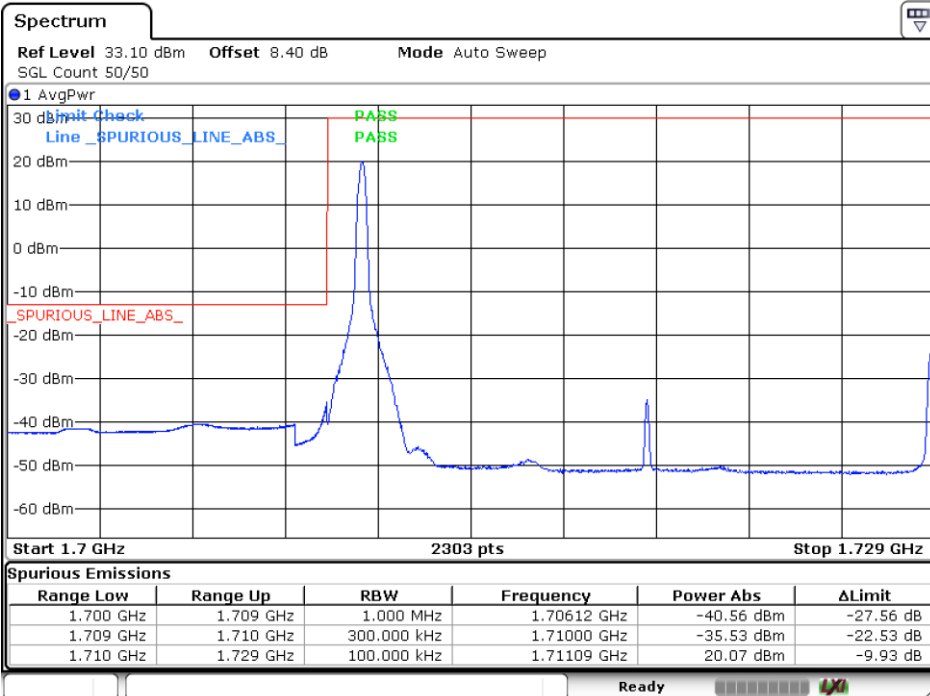


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Date: 18.JAN.2021 10:43:31

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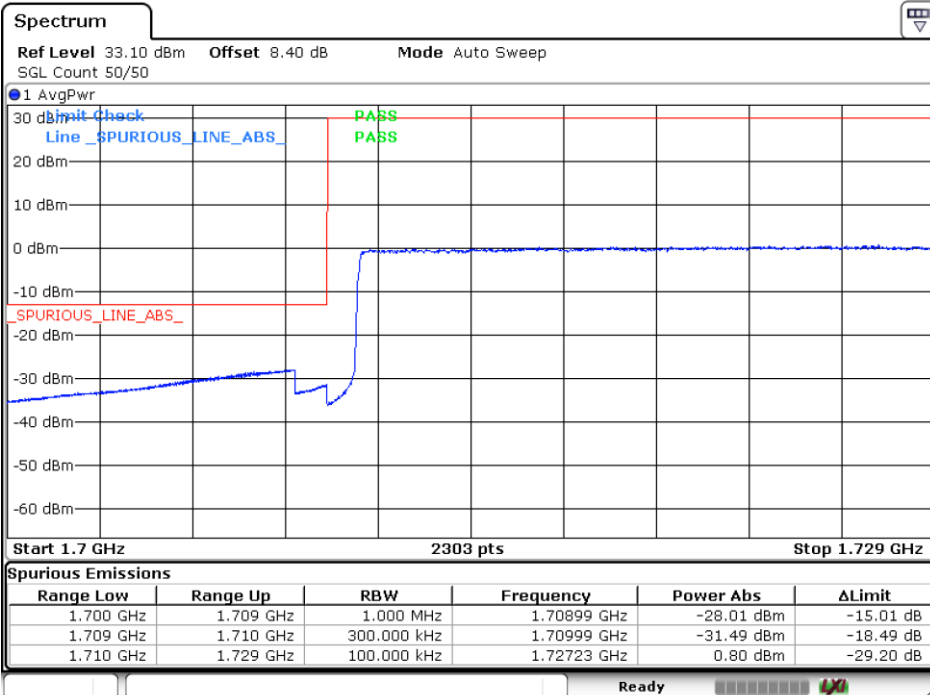
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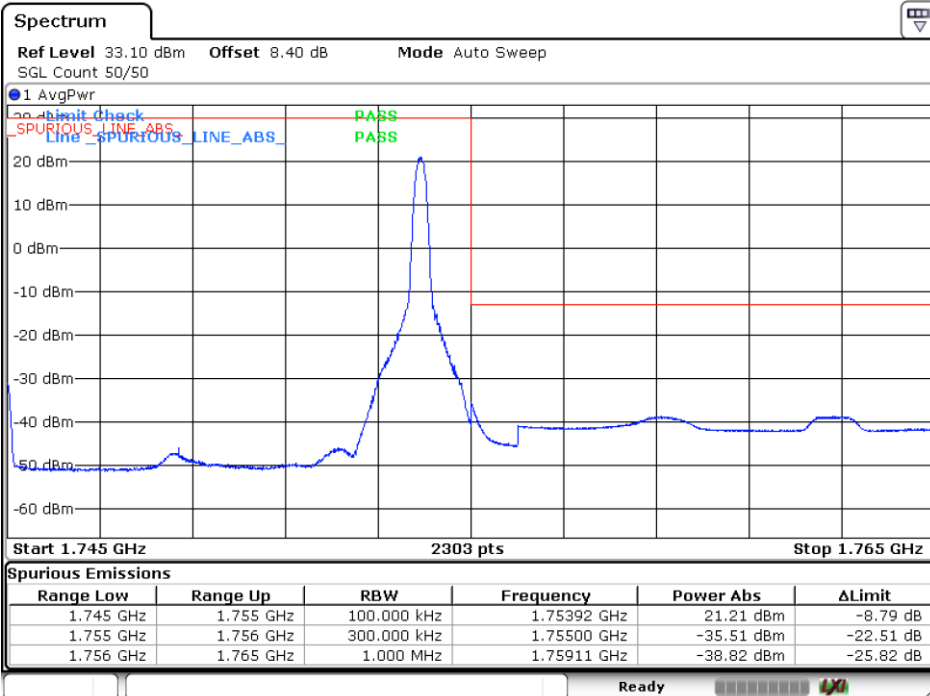
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Date: 18.JAN.2021 10:36:35

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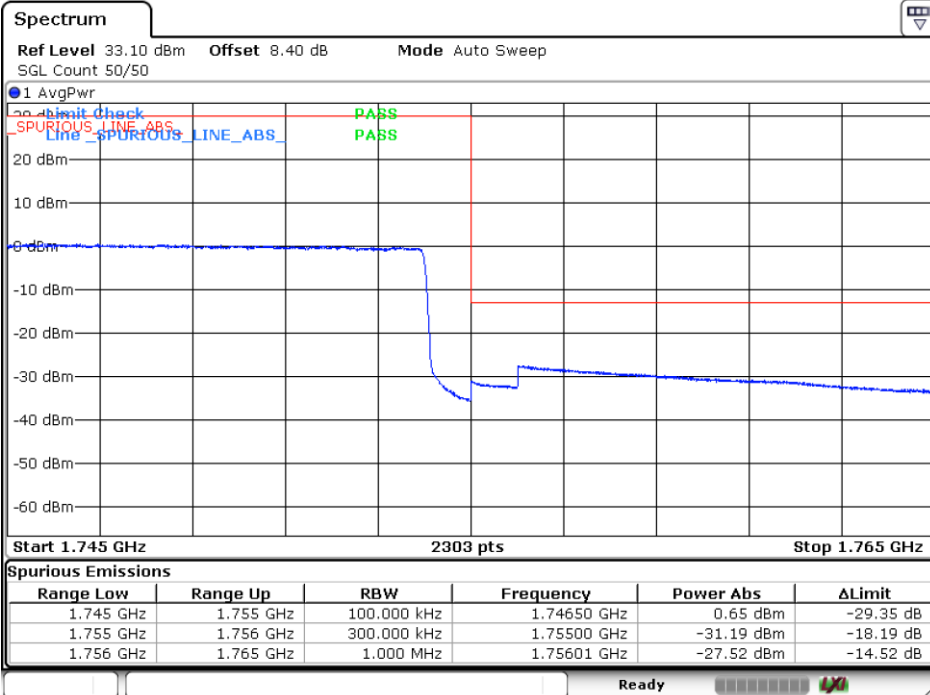
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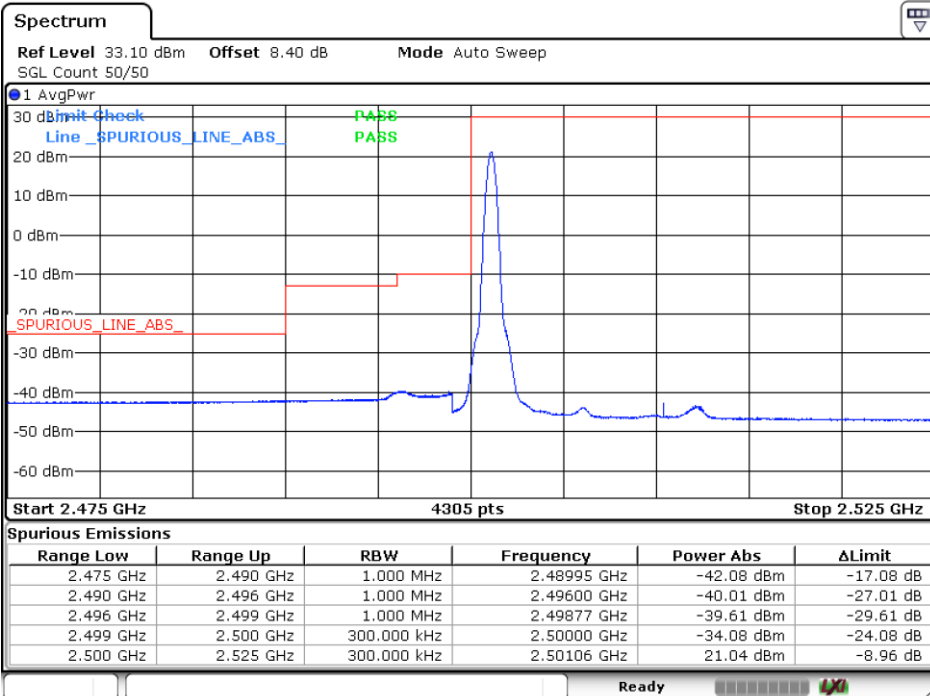
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Date: 18.JAN.2021 10:42:57

CA 4A-7A 100RB+100RB QPSK 20050+20850 1RB#0+1RB#0 Band7



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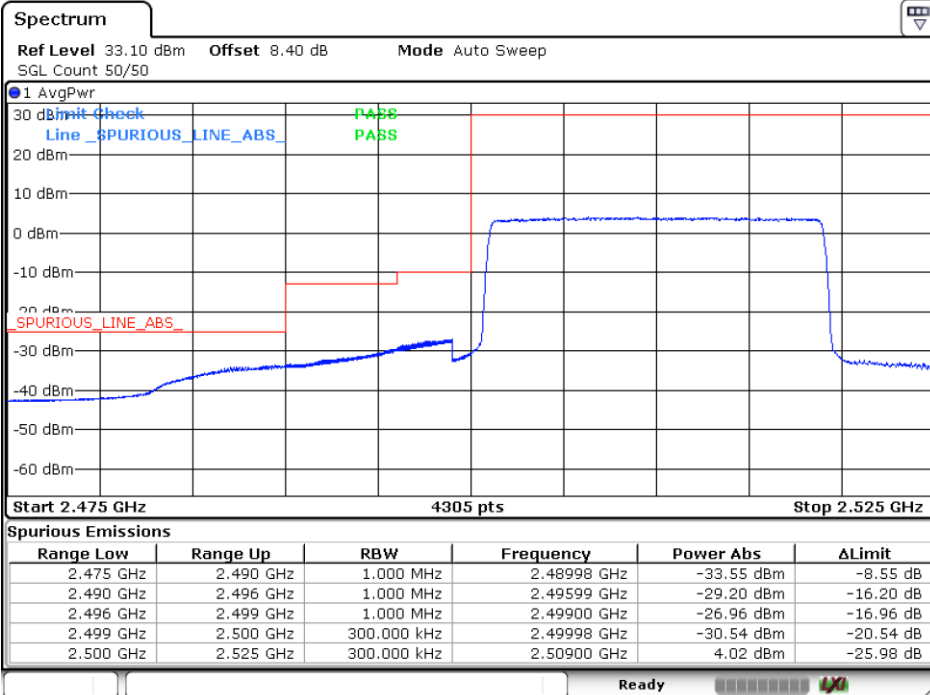


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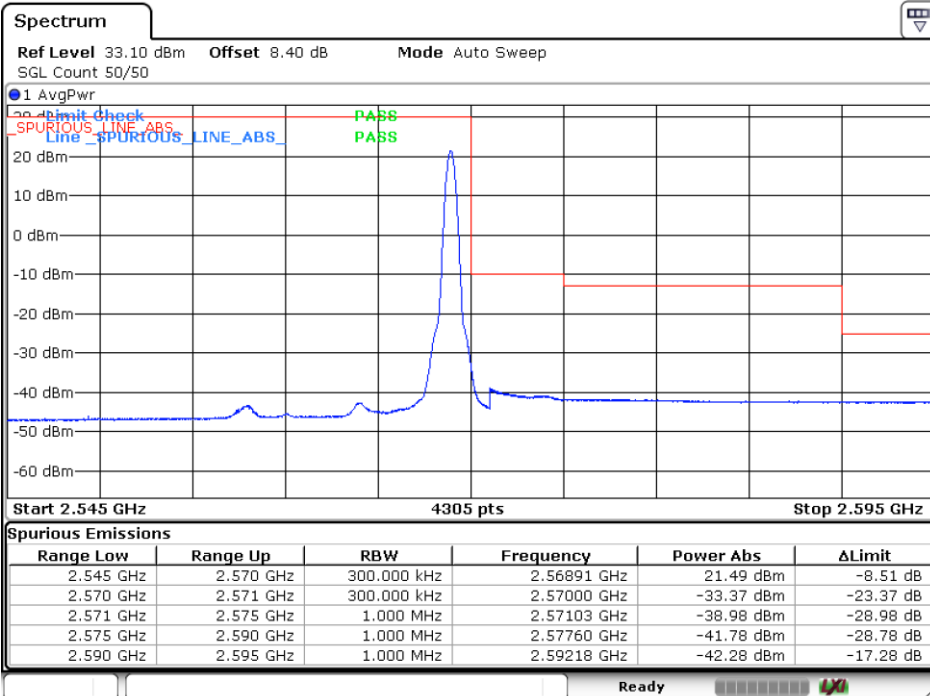
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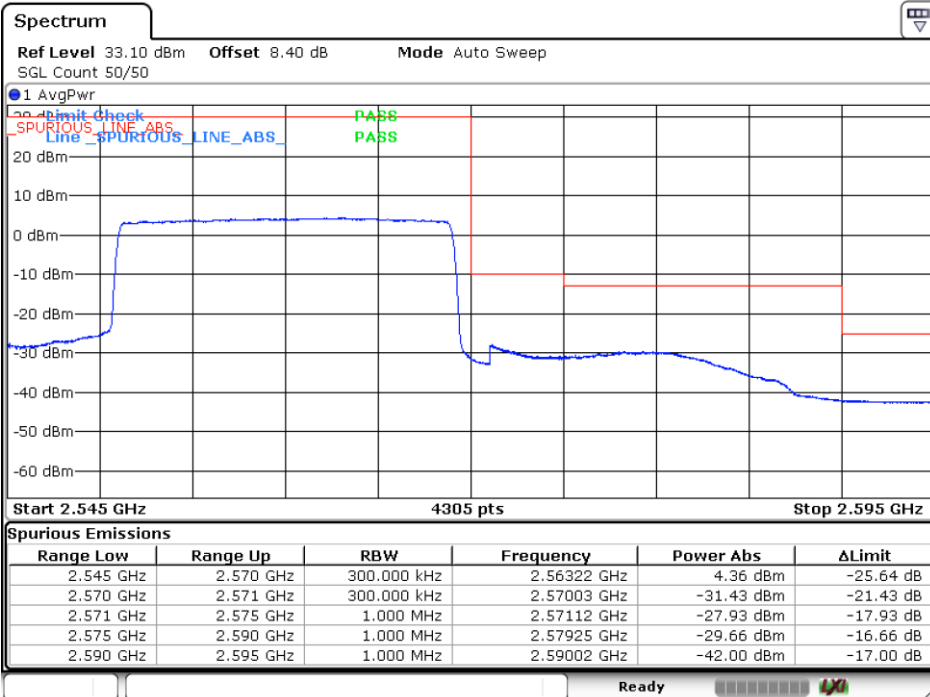
CA 4A-7A 100RB+100RB QPSK 20300+21350 1RB#99+1RB#49 Band7



Date: 18.JAN.2021 10:20:07

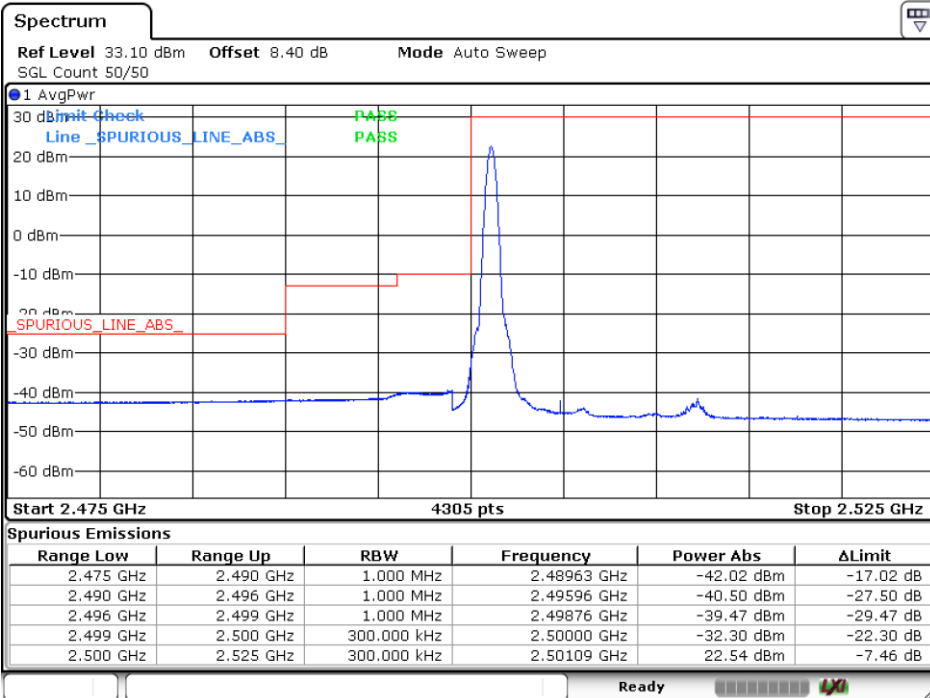


CA 4A-7A 100RB+100RB_QPSK_20300+21350_100RB#0+50RB#0_Band7



Date: 18.JAN.2021 10:20:50

CA 4A-7A 100RB+100RB_16QAM_20050+20850_1RB#0+1RB#0_Band7



Date: 18.JAN.2021 10:30:40

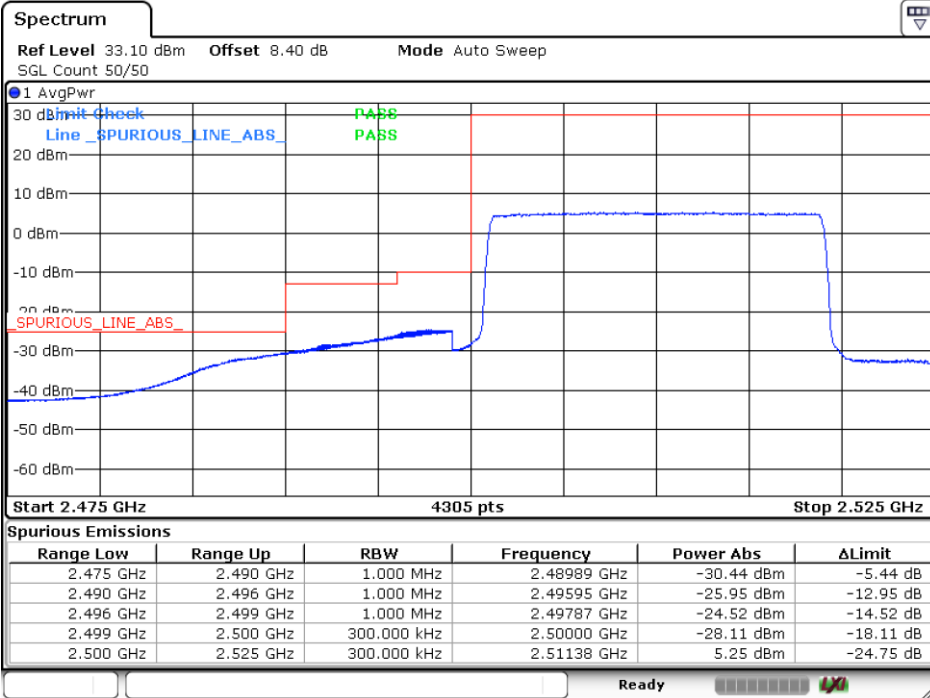


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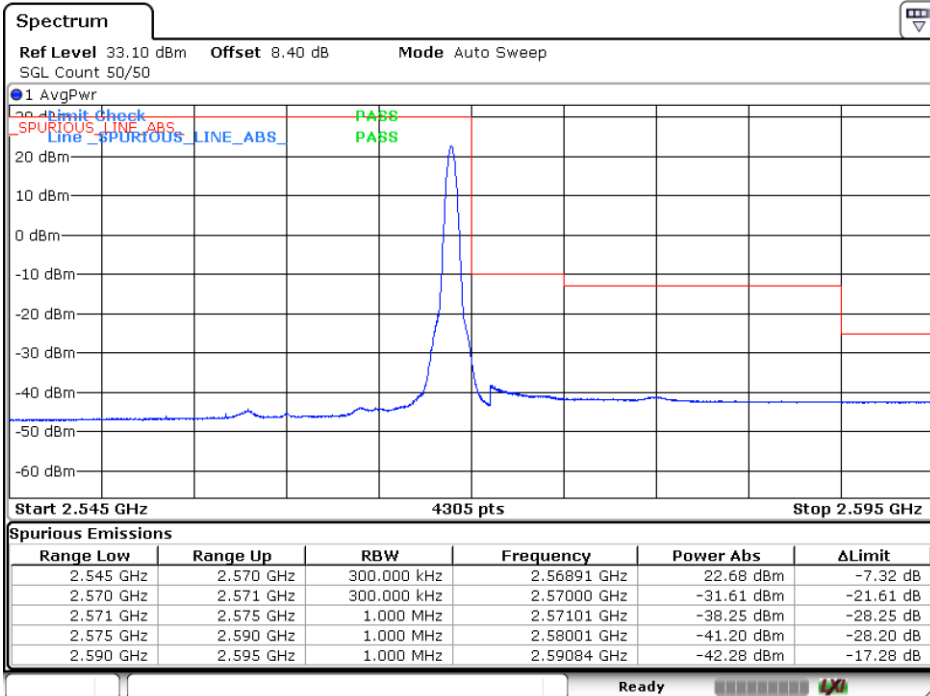
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CA 4A-7A 100RB+100RB 16QAM 20050+20850 100RB#0+50RB#0 Band7



Date: 18. JAN 2021 10:27:18

CA 4A-7A 100RB+100RB 16QAM 20300+21350 1RB#99+1RB#49 Band7



Date: 18. JAN 2021 10:19:20



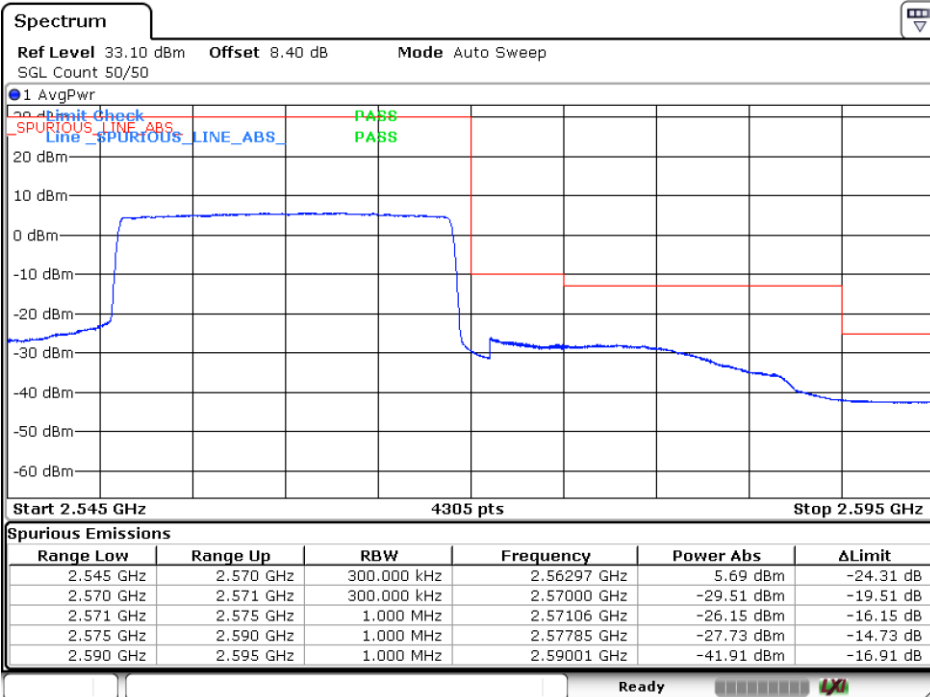
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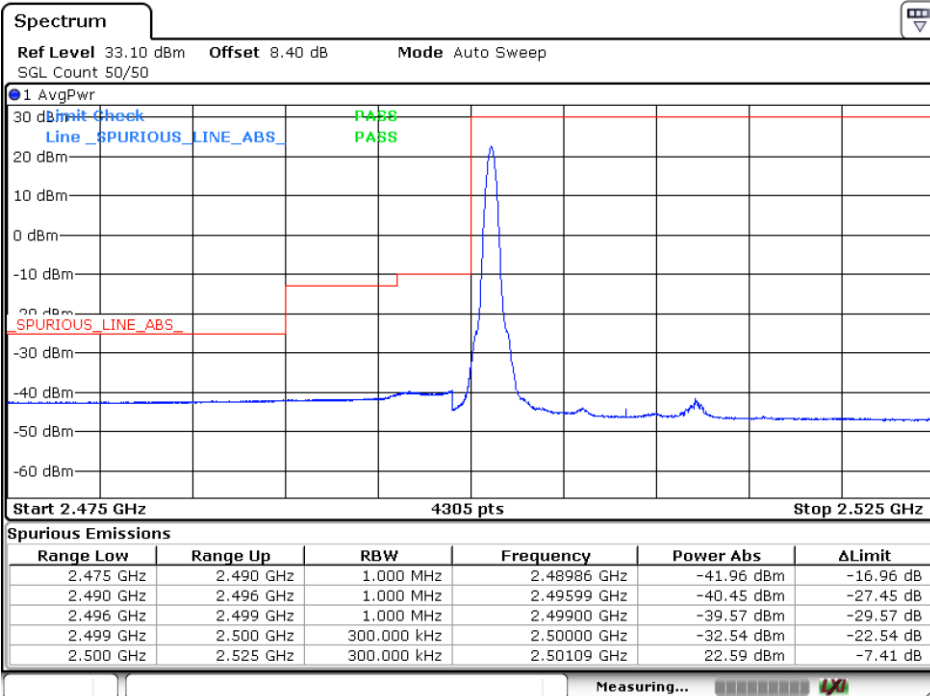
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CA 4A-7A 100RB+100RB 16QAM 20300+21350 100RB#0+50RB#0 Band7



Date: 18. JAN 2021 10:21:34

CA 4A-7A 100RB+100RB 64QAM 20050+20850 1RB#0+1RB#0 Band7



Date: 18. JAN 2021 10:29:54

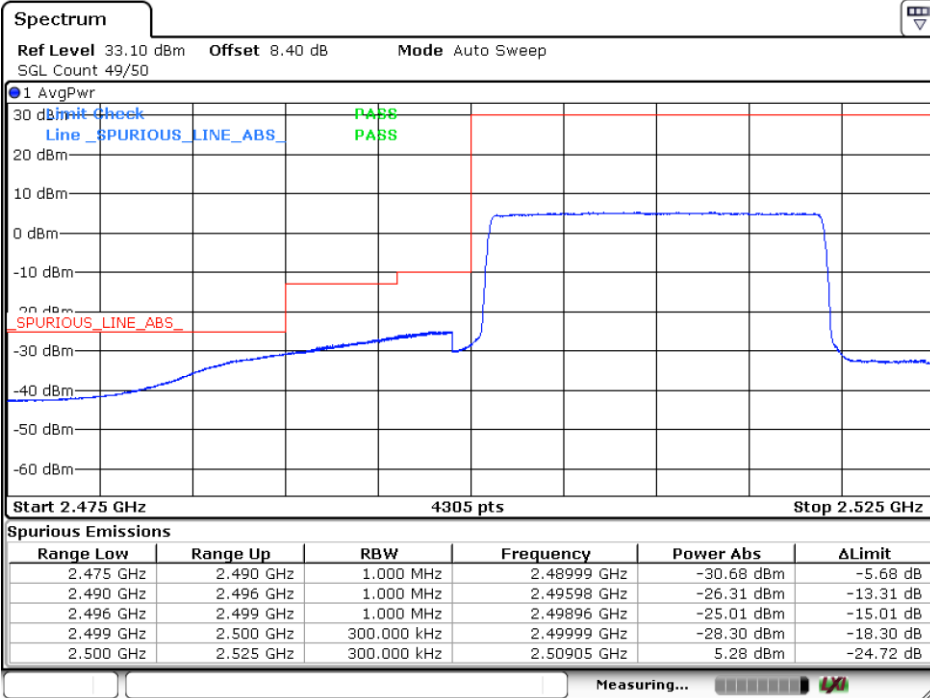


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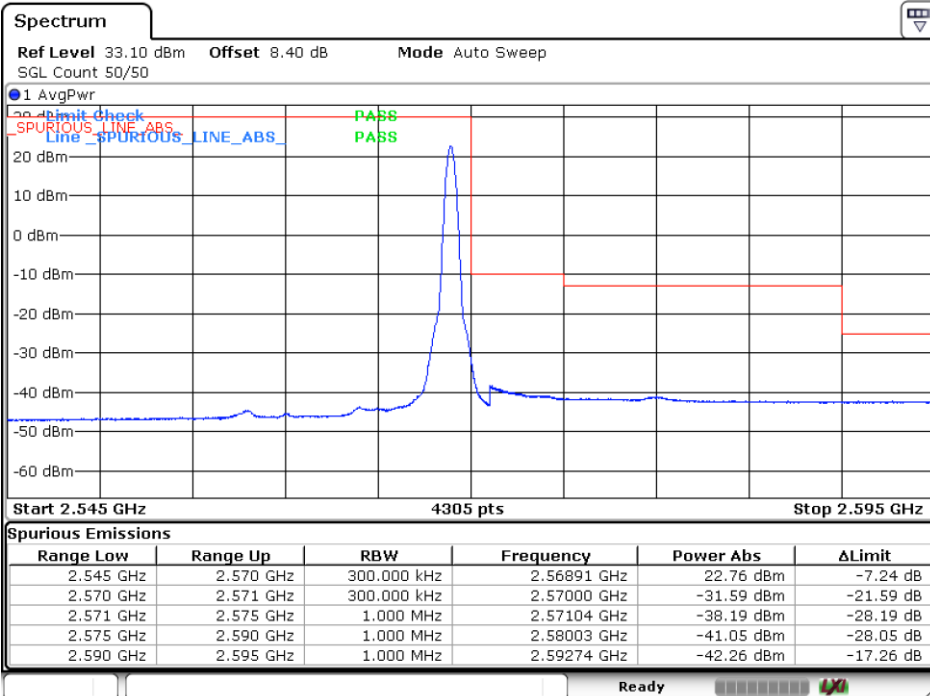
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CA 4A-7A 100RB+100RB 64QAM 20050+20850 100RB#0+50RB#0 Band7



Date: 18.JAN.2021 10:29:11

CA 4A-7A 100RB+100RB 64QAM 20300+21350 1RB#99+1RB#49 Band7



Date: 18.JAN.2021 10:18:27

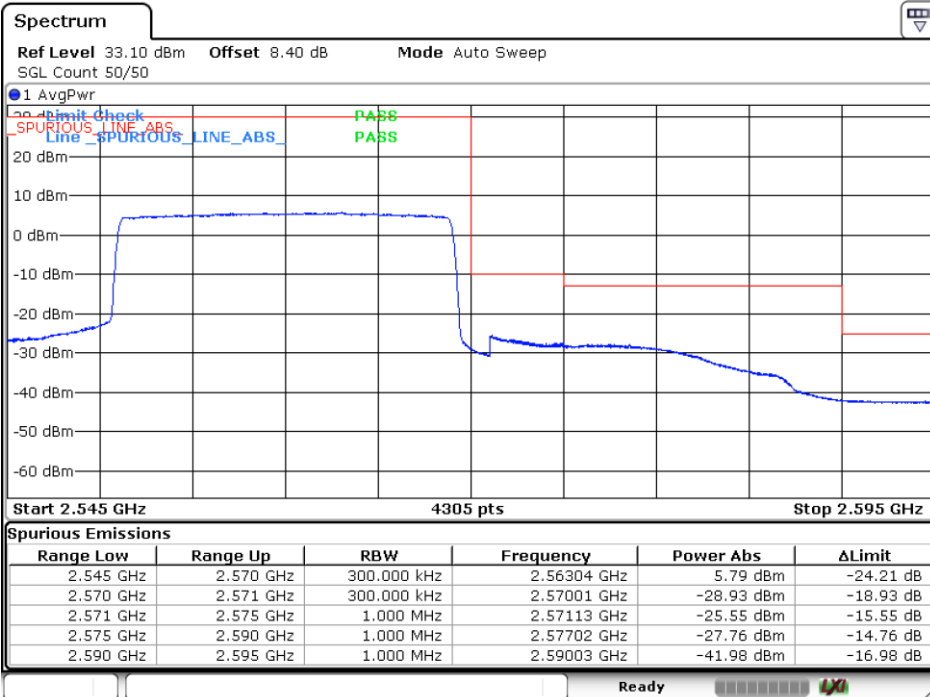


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CA 4A-7A 100RB+100RB 64QAM 20300+21350 100RB#0+50RB#0 Band7



Date: 18.JAN.2021 10:22:28



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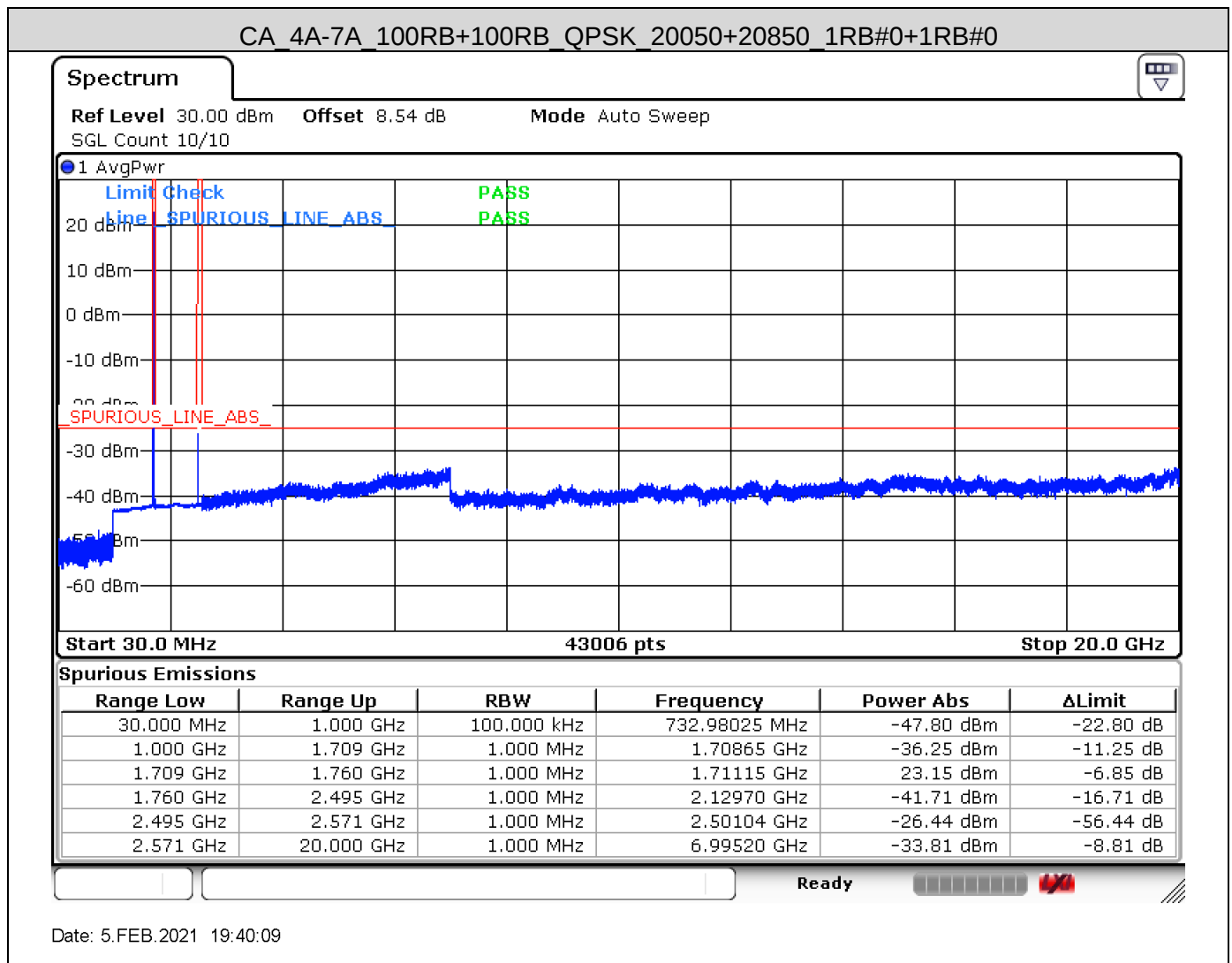
3 Spurious Emission at Antenna Terminal

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 = $k * (Span / RBW)$ " 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_4A-7A

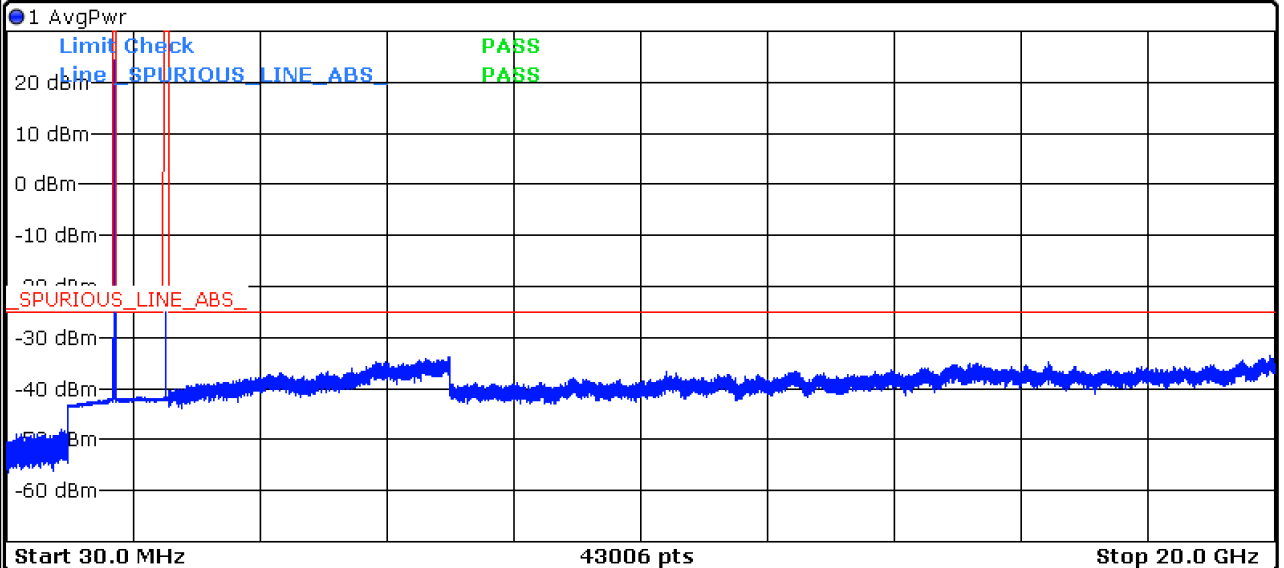




CA_4A-7A_100RB+100RB_QPSK_20175+20525_1RB#0+1RB#0

Spectrum

Ref Level 30.00 dBm Offset 8.54 dB Mode Auto Sweep
SGL Count 10/10



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	900.52681 MHz	-48.10 dBm	-23.10 dB
1.000 GHz	1.709 GHz	1.000 MHz	1.70581 GHz	-30.18 dBm	-5.18 dB
1.709 GHz	1.760 GHz	1.000 MHz	1.72367 GHz	24.43 dBm	-5.57 dB
1.760 GHz	2.495 GHz	1.000 MHz	2.11428 GHz	-41.60 dBm	-16.60 dB
2.495 GHz	2.571 GHz	1.000 MHz	2.52609 GHz	-23.52 dBm	-53.52 dB
2.571 GHz	20.000 GHz	1.000 MHz	19.92477 GHz	-33.60 dBm	-8.60 dB

Ready

Date: 5.FEB.2021 19:45:18



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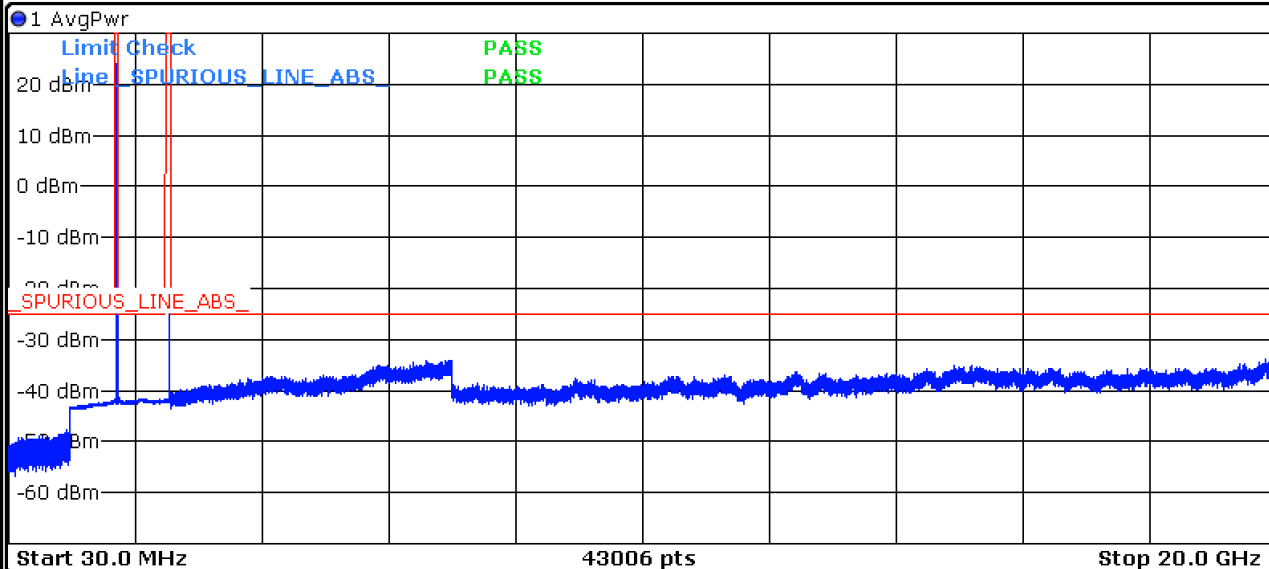
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CA_4A-7A_100RB+100RB_QPSK_20300+21350_1RB#0+1RB#0

Spectrum

Ref Level 30.00 dBm Offset 8.54 dB Mode Auto Sweep
SGL Count 10/10



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	931.92663 MHz	-47.64 dBm	-22.64 dB
1.000 GHz	1.709 GHz	1.000 MHz	1.70652 GHz	-42.00 dBm	-17.00 dB
1.709 GHz	1.760 GHz	1.000 MHz	1.73613 GHz	24.07 dBm	-5.93 dB
1.760 GHz	2.495 GHz	1.000 MHz	1.77138 GHz	-41.42 dBm	-16.42 dB
2.495 GHz	2.571 GHz	1.000 MHz	2.55115 GHz	-21.79 dBm	-51.79 dB
2.571 GHz	20.000 GHz	1.000 MHz	19.91896 GHz	-33.62 dBm	-8.62 dB

Ready

Date: 5.FEB.2021 19:46:13



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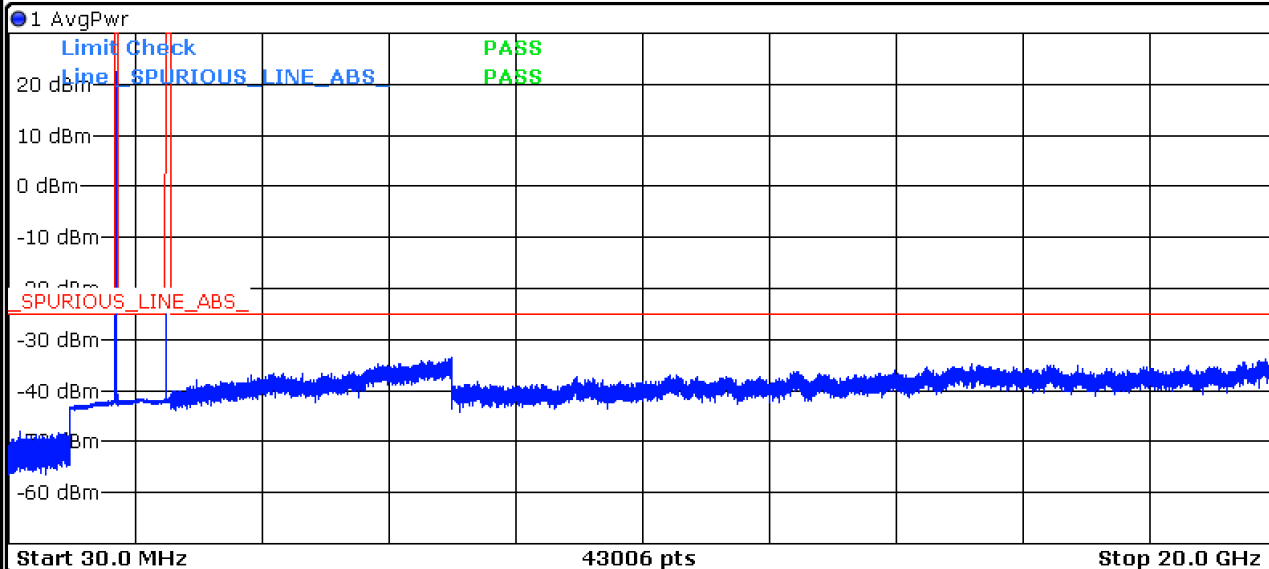
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CA 4A-7A_100RB+100RB_16QAM_20050+20850_1RB#0+1RB#0

Spectrum

Ref Level 30.00 dBm Offset 8.54 dB Mode Auto Sweep
SGL Count 8/10



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	206.94226 MHz	-47.63 dBm	-22.63 dB
1.000 GHz	1.709 GHz	1.000 MHz	1.70865 GHz	-36.95 dBm	-11.95 dB
1.709 GHz	1.760 GHz	1.000 MHz	1.71118 GHz	23.07 dBm	-6.93 dB
1.760 GHz	2.495 GHz	1.000 MHz	2.15100 GHz	-41.64 dBm	-16.64 dB
2.495 GHz	2.571 GHz	1.000 MHz	2.50111 GHz	-21.36 dBm	-51.36 dB
2.571 GHz	20.000 GHz	1.000 MHz	19.95207 GHz	-33.33 dBm	-8.33 dB

Measuring...

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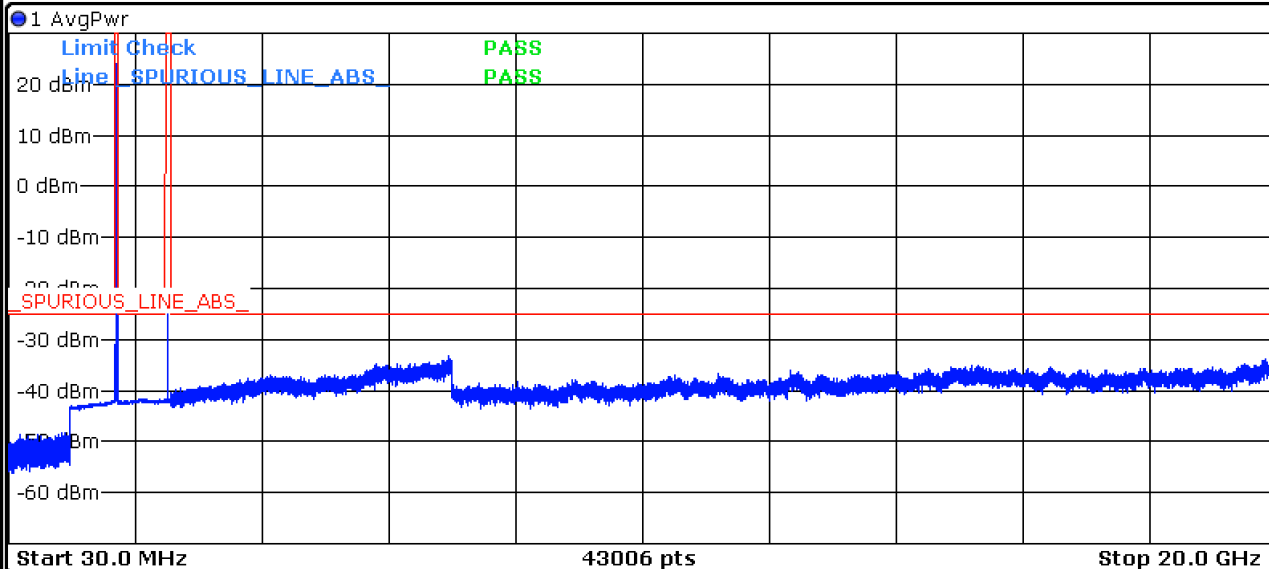
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CA_4A-7A_100RB+100RB_16QAM_20175+20525_1RB#0+1RB#0

Spectrum

Ref Level 30.00 dBm Offset 8.54 dB Mode Auto Sweep
SGL Count 10/10



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	908.52831 MHz	-48.17 dBm	-23.17 dB
1.000 GHz	1.709 GHz	1.000 MHz	1.70581 GHz	-30.82 dBm	-5.82 dB
1.709 GHz	1.760 GHz	1.000 MHz	1.72369 GHz	24.11 dBm	-5.89 dB
1.760 GHz	2.495 GHz	1.000 MHz	2.16274 GHz	-41.67 dBm	-16.67 dB
2.495 GHz	2.571 GHz	1.000 MHz	2.52609 GHz	-20.75 dBm	-50.75 dB
2.571 GHz	20.000 GHz	1.000 MHz	6.96383 GHz	-33.26 dBm	-8.26 dB

Measuring...

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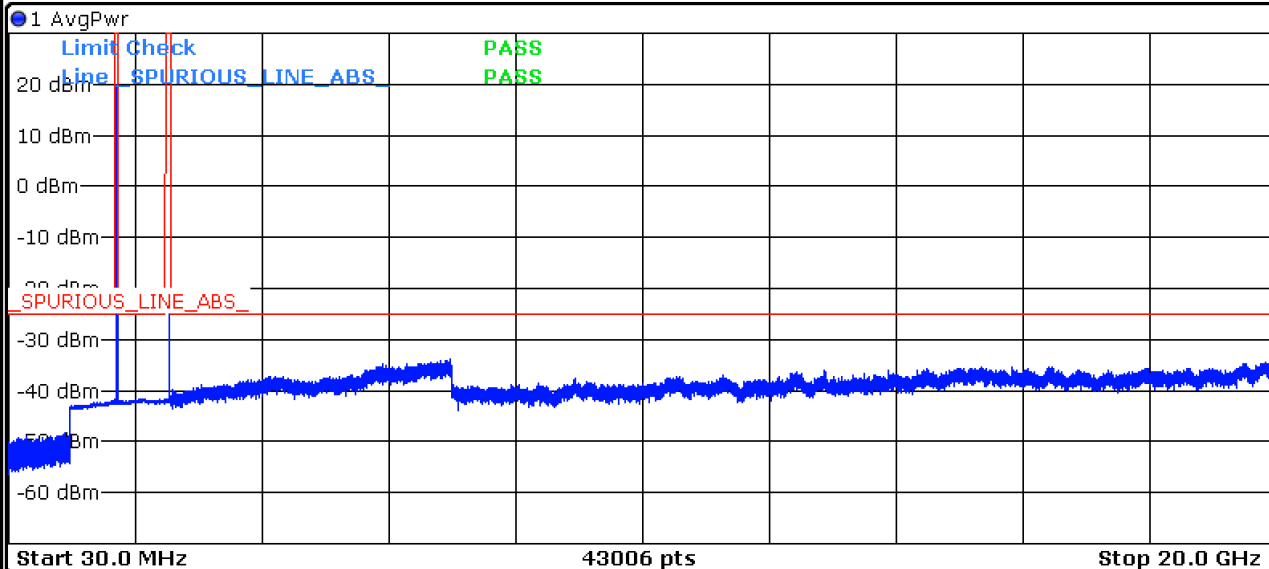
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CA 4A-7A_100RB+100RB_16QAM_20300+21350_1RB#0+1RB#0

Spectrum

Ref Level 30.00 dBm Offset 8.54 dB Mode Auto Sweep
SGL Count 10/10



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	908.77078 MHz	-48.38 dBm	-23.38 dB
1.000 GHz	1.709 GHz	1.000 MHz	1.70865 GHz	-41.99 dBm	-16.99 dB
1.709 GHz	1.760 GHz	1.000 MHz	1.73608 GHz	19.92 dBm	-10.08 dB
1.760 GHz	2.495 GHz	1.000 MHz	2.15393 GHz	-41.66 dBm	-16.66 dB
2.495 GHz	2.571 GHz	1.000 MHz	2.55099 GHz	-23.85 dBm	-53.85 dB
2.571 GHz	20.000 GHz	1.000 MHz	19.93929 GHz	-33.32 dBm	-8.32 dB

Ready

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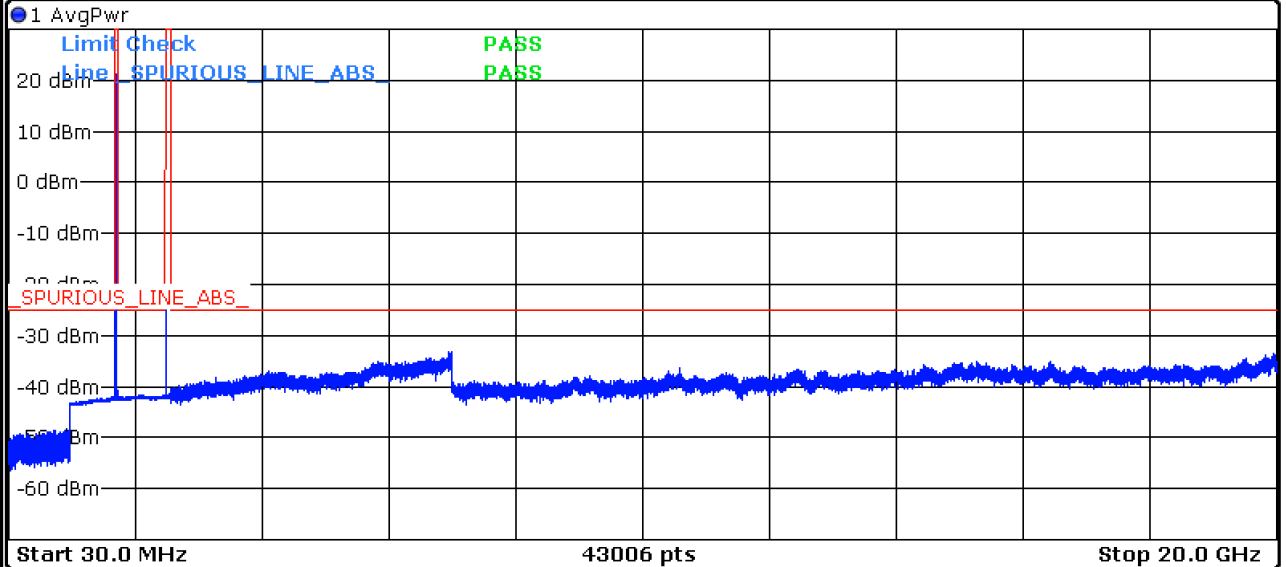
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CA_4A-7A_100RB+100RB_64QAM_20050+20850_1RB#0+1RB#0

Spectrum

Ref Level 30.00 dBm Offset 8.54 dB Mode Auto Sweep
SGL Count 10/10



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	752.74153 MHz	-48.64 dBm	-23.64 dB
1.000 GHz	1.709 GHz	1.000 MHz	1.70865 GHz	-37.18 dBm	-12.18 dB
1.709 GHz	1.760 GHz	1.000 MHz	1.71103 GHz	21.45 dBm	-8.55 dB
1.760 GHz	2.495 GHz	1.000 MHz	2.13484 GHz	-41.70 dBm	-16.70 dB
2.495 GHz	2.571 GHz	1.000 MHz	2.50111 GHz	-23.03 dBm	-53.03 dB
2.571 GHz	20.000 GHz	1.000 MHz	6.99753 GHz	-33.28 dBm	-8.28 dB

Ready

Date: 5.FEB.2021 19:41:21



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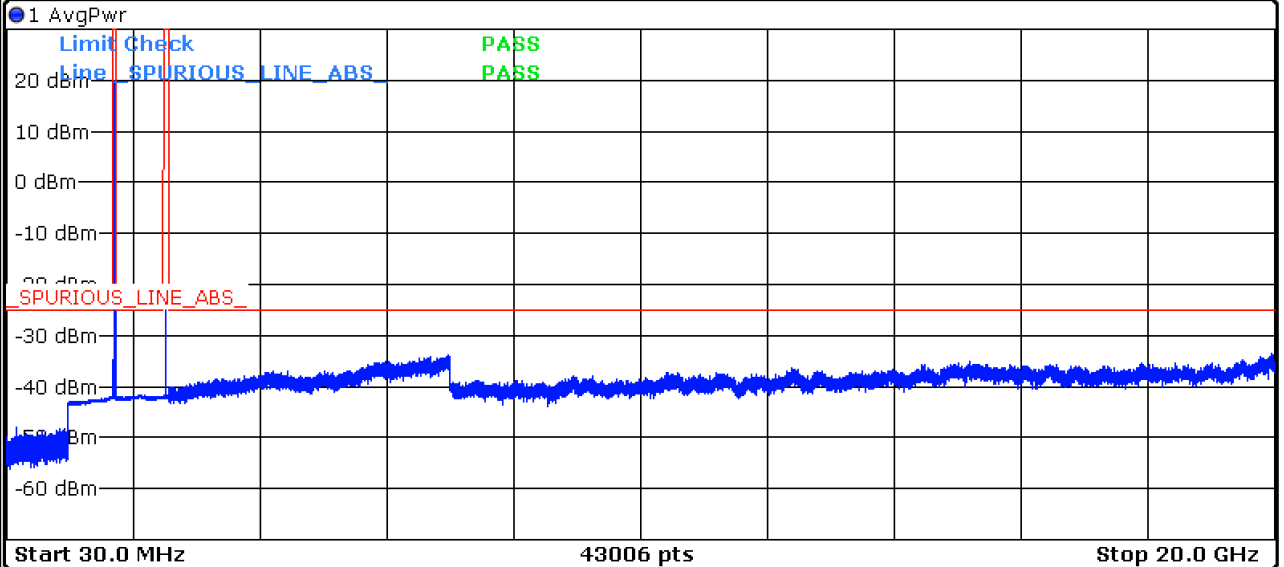
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CA_4A-7A_100RB+100RB_64QAM_20175+20525_1RB#0+1RB#0

Spectrum

Ref Level 30.00 dBm Offset 8.54 dB Mode Auto Sweep
SGL Count 10/10



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	185.60492 MHz	-48.13 dBm	-23.13 dB
1.000 GHz	1.709 GHz	1.000 MHz	1.70581 GHz	-34.92 dBm	-9.92 dB
1.709 GHz	1.760 GHz	1.000 MHz	1.72362 GHz	19.96 dBm	-10.04 dB
1.760 GHz	2.495 GHz	1.000 MHz	2.14439 GHz	-41.63 dBm	-16.63 dB
2.495 GHz	2.571 GHz	1.000 MHz	2.52617 GHz	-25.02 dBm	-55.02 dB
2.571 GHz	20.000 GHz	1.000 MHz	19.93871 GHz	-33.40 dBm	-8.40 dB

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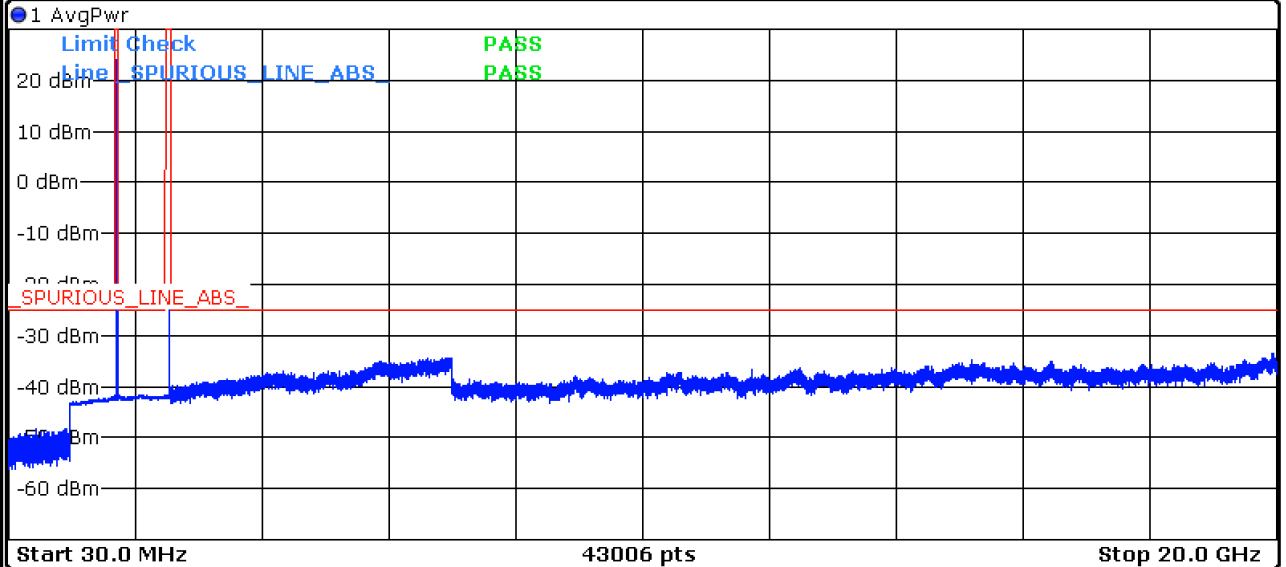
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CA 4A-7A_100RB+100RB_64QAM_20300+21350_1RB#0+1RB#0

Spectrum

Ref Level 30.00 dBm Offset 8.54 dB Mode Auto Sweep
SGL Count 10/10



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	100.000 kHz	468.08211 MHz	-48.26 dBm	-23.26 dB
1.000 GHz	1.709 GHz	1.000 MHz	1.70085 GHz	-42.02 dBm	-17.02 dB
1.709 GHz	1.760 GHz	1.000 MHz	1.73603 GHz	23.97 dBm	-6.03 dB
1.760 GHz	2.495 GHz	1.000 MHz	1.77138 GHz	-41.64 dBm	-16.64 dB
2.495 GHz	2.571 GHz	1.000 MHz	2.55115 GHz	-20.02 dBm	-50.02 dB
2.571 GHz	20.000 GHz	1.000 MHz	19.95730 GHz	-33.43 dBm	-8.43 dB

Ready

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4 Field Strength of Spurious Radiation

3.1. Test Band = CA_4A-7A_TM1 ANT 2

3.1.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.3082	-70.08	-63.10	-25.00	38.10	Horizontal
2	225.8528	-72.91	-70.83	-25.00	45.83	Horizontal
3	729.2110	-71.68	-62.40	-25.00	37.40	Horizontal
4	7473.7790	-58.14	-58.16	-25.00	33.16	Horizontal
5	16386.535	-60.47	-46.26	-25.00	21.26	Horizontal
6	17998.800	-59.68	-46.57	-25.00	21.57	Horizontal



3.2. Test Band = CA_4A-7A_TM1 ANT 2

3.2.1. Test Channel = Low Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	67.5409	-71.33	-69.84	-25.00	44.84	Vertical
2	110.8050	-71.72	-65.38	-25.00	40.38	Vertical
3	790.7120	-71.99	-62.32	-25.00	37.32	Vertical
4	7450.3780	-58.37	-58.05	-25.00	33.05	Vertical
5	14670.466	-62.09	-50.10	-25.00	25.10	Vertical
6	17993.399	-60.16	-42.45	-25.00	17.45	Vertical



3.3. Test Band = CA_4A-7A_TM1 ANT 2

3.3.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.9872	-69.57	-62.55	-25.00	37.55	Horizontal
2	231.4791	-72.44	-69.62	-25.00	44.62	Horizontal
3	744.2952	-71.52	-61.75	-25.00	36.75	Horizontal
4	7459.9784	-58.61	-58.63	-25.00	33.63	Horizontal
5	16384.735	-60.48	-46.30	-25.00	21.30	Horizontal
6	17985.599	-58.83	-46.05	-25.00	21.05	Horizontal



3.4. Test Band = CA_4A-7A_TM1 ANT 2

3.4.1. Test Channel = Mid Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	66.9103	-70.79	-69.33	-25.00	44.33	Vertical
2	114.3942	-71.51	-65.49	-25.00	40.49	Vertical
3	749.4365	-71.45	-61.82	-25.00	36.82	Vertical
4	7451.5781	-58.32	-58.01	-25.00	33.01	Vertical
5	14455.058	-62.25	-50.10	-25.00	25.10	Vertical
6	17981.399	-59.78	-42.37	-25.00	17.37	Vertical



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3.5. Test Band = CA_4A-7A_TM1 ANT 2

3.5.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.0771	-70.79	-63.92	-25.00	38.92	Horizontal
2	234.8742	-72.05	-69.24	-25.00	44.24	Horizontal
3	639.3845	-71.00	-63.18	-25.00	38.18	Horizontal
4	7434.7774	-58.29	-58.33	-25.00	33.33	Horizontal
5	16393.735	-60.48	-46.14	-25.00	21.14	Horizontal
6	17996.999	-60.11	-47.05	-25.00	22.05	Horizontal



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3.6. Test Band = CA_4A-7A_TM1 ANT 2

3.6.1. Test Channel = High Channel

Suspected Data List						
NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	78.5994	-70.58	-68.84	-25.00	43.84	Vertical
2	109.3015	-71.61	-65.36	-25.00	40.36	Vertical
3	771.2141	-71.58	-61.92	-25.00	36.92	Vertical
4	7343.5737	-58.59	-58.08	-25.00	33.08	Vertical
5	14473.058	-62.39	-50.10	-25.00	25.10	Vertical
6	17991.599	-59.46	-41.79	-25.00	16.79	Vertical

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz and above 18GHz 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.

The End

