



Appendix B

E-UTRA Band CA_4A-12A





CONTENT

Page

1	EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA.....	3
1.1.1.	MAX POWER TEST RESULT FOR LTE BAND CA_4A-12A	3
2	BAND EDGES COMPLIANCE	9
1.1.2.	FOR LTE	9
2.1.1	Test Band = LTE Band CA_4A-12A.....	9
3	SPURIOUS EMISSION AT ANTENNA TERMINAL	34
1.1.3.	FOR LTE	34
3.1.1	Test Band = LTE Band CA_4A-12A.....	34
4.	FIELD STRENGTH OF SPURIOUS RADIATION	41
4.1.	TEST MODE =LTE/TM1 20&10 MHz_ ANT DOWN	41
4.1.1.	TEST CHANNEL = LCH_ HORIZONTAL.....	41
4.1.2.	TEST CHANNEL = LCH_ VERTICAL.....	42
4.1.3.	TEST CHANNEL = MCH_ HORIZONTAL	43
4.1.4.	TEST CHANNEL = MCH_ VERTICAL	44
4.1.5.	TEST CHANNEL = HCH_ HORIZONTAL	45
4.1.6.	TEST CHANNEL = HCH_ VERTICAL.....	46



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1 Effective (Isotropic) Radiated Power Output Data

1.1.1. Max Power Test Result for LTE Band CA_4A-12A

PCC

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	15MHz	QPSK	20000	1RB#0	21.47	25.47	30	PASS
Band4	15MHz	QPSK	20000	1RB#24	22.21	26.21	30	PASS
Band4	15MHz	QPSK	20000	1RB#49	22.31	26.31	30	PASS
Band4	15MHz	QPSK	20000	25RB#0	21.09	25.09	30	PASS
Band4	15MHz	QPSK	20000	25RB#12	21.32	25.32	30	PASS
Band4	15MHz	QPSK	20000	25RB#25	21.26	25.26	30	PASS
Band4	15MHz	QPSK	20000	50RB#0	21.30	25.3	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.26	26.26	30	PASS
Band4	15MHz	QPSK	20175	1RB#24	22.25	26.25	30	PASS
Band4	15MHz	QPSK	20175	1RB#49	22.11	26.11	30	PASS
Band4	15MHz	QPSK	20175	25RB#12	21.42	25.42	30	PASS
Band4	15MHz	QPSK	20175	25RB#25	21.54	25.54	30	PASS
Band4	15MHz	QPSK	20175	25RB#0	21.28	25.28	30	PASS
Band4	15MHz	QPSK	20175	50RB#0	21.45	25.45	30	PASS
Band4	15MHz	QPSK	20350	1RB#0	22.14	26.14	30	PASS
Band4	15MHz	QPSK	20350	1RB#24	22.21	26.21	30	PASS
Band4	15MHz	QPSK	20350	1RB#49	22.39	26.39	30	PASS
Band4	15MHz	QPSK	20350	25RB#0	21.32	25.32	30	PASS
Band4	15MHz	QPSK	20350	25RB#12	21.50	25.5	30	PASS
Band4	15MHz	QPSK	20350	25RB#25	21.36	25.36	30	PASS
Band4	15MHz	QPSK	20350	50RB#0	21.34	25.34	30	PASS
Band4	15MHz	64QAM	20000	1RB#0	21.93	25.93	30	PASS
Band4	15MHz	64QAM	20000	1RB#49	21.95	25.95	30	PASS
Band4	15MHz	64QAM	20000	1RB#24	21.75	25.75	30	PASS
Band4	15MHz	64QAM	20000	25RB#12	20.59	24.59	30	PASS
Band4	15MHz	64QAM	20000	25RB#0	21.01	25.01	30	PASS
Band4	15MHz	64QAM	20000	25RB#25	20.87	24.87	30	PASS





Band4	15MHz	64QAM	20000	50RB#0	20.96	24.96	30	PASS
Band4	15MHz	64QAM	20175	1RB#0	21.83	25.83	30	PASS
Band4	15MHz	64QAM	20175	1RB#49	21.99	25.99	30	PASS
Band4	15MHz	64QAM	20175	1RB#24	21.80	25.8	30	PASS
Band4	15MHz	64QAM	20175	25RB#0	20.82	24.82	30	PASS
Band4	15MHz	64QAM	20175	25RB#12	20.93	24.93	30	PASS
Band4	15MHz	64QAM	20175	25RB#25	20.87	24.87	30	PASS
Band4	15MHz	64QAM	20175	50RB#0	20.73	24.73	30	PASS
Band4	15MHz	64QAM	20350	1RB#49	21.66	25.66	30	PASS
Band4	15MHz	64QAM	20350	1RB#24	21.73	25.73	30	PASS
Band4	15MHz	64QAM	20350	1RB#0	21.66	25.66	30	PASS
Band4	15MHz	64QAM	20350	25RB#25	20.57	24.57	30	PASS
Band4	15MHz	64QAM	20350	25RB#0	20.97	24.97	30	PASS
Band4	15MHz	64QAM	20350	25RB#12	20.72	24.72	30	PASS
Band4	15MHz	64QAM	20350	50RB#0	20.82	24.82	30	PASS
Band4	15MHz	16QAM	20000	1RB#49	21.31	25.31	30	PASS
Band4	15MHz	16QAM	20000	1RB#0	20.68	24.68	30	PASS
Band4	15MHz	16QAM	20000	1RB#24	21.50	25.5	30	PASS
Band4	15MHz	16QAM	20000	25RB#25	20.41	24.41	30	PASS
Band4	15MHz	16QAM	20000	25RB#0	19.96	23.96	30	PASS
Band4	15MHz	16QAM	20000	25RB#12	20.37	24.37	30	PASS
Band4	15MHz	16QAM	20000	50RB#0	20.23	24.23	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.56	25.56	30	PASS
Band4	15MHz	16QAM	20175	1RB#24	21.43	25.43	30	PASS
Band4	15MHz	16QAM	20175	1RB#49	21.44	25.44	30	PASS
Band4	15MHz	16QAM	20175	25RB#0	20.28	24.28	30	PASS
Band4	15MHz	16QAM	20175	25RB#12	20.51	24.51	30	PASS
Band4	15MHz	16QAM	20175	25RB#25	20.44	24.44	30	PASS
Band4	15MHz	16QAM	20175	50RB#0	20.14	24.14	30	PASS
Band4	15MHz	16QAM	20350	1RB#24	21.60	25.6	30	PASS
Band4	15MHz	16QAM	20350	1RB#49	21.52	25.52	30	PASS
Band4	15MHz	16QAM	20350	1RB#0	21.49	25.49	30	PASS
Band4	15MHz	16QAM	20350	25RB#0	20.45	24.45	30	PASS



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Band4	15MHz	16QAM	20350	25RB#12	20.25	24.25	30	PASS
Band4	15MHz	16QAM	20350	25RB#25	20.46	24.46	30	PASS
Band4	15MHz	16QAM	20350	50RB#0	20.38	24.38	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.15	26.15	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.39	26.39	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.11	26.11	30	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.27	25.27	30	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.56	25.56	30	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.65	25.65	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.40	25.4	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.58	26.58	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.44	26.44	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.57	26.57	30	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.67	25.67	30	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.32	25.32	30	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.46	25.46	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.46	25.46	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.39	26.39	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.27	26.27	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.42	26.42	30	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.73	25.73	30	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.43	25.43	30	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.42	25.42	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.74	25.74	30	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.53	25.53	30	PASS
Band4	20MHz	64QAM	20050	1RB#49	22.05	26.05	30	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.91	25.91	30	PASS
Band4	20MHz	64QAM	20050	50RB#0	21.06	25.06	30	PASS
Band4	20MHz	64QAM	20050	50RB#25	20.96	24.96	30	PASS
Band4	20MHz	64QAM	20050	50RB#50	20.80	24.8	30	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.73	24.73	30	PASS
Band4	20MHz	64QAM	20175	1RB#99	22.03	26.03	30	PASS
Band4	20MHz	64QAM	20175	1RB#0	21.97	25.97	30	PASS



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Band4	20MHz	64QAM	20175	1RB#49	21.79	25.79	30	PASS
Band4	20MHz	64QAM	20175	50RB#25	21.05	25.05	30	PASS
Band4	20MHz	64QAM	20175	50RB#50	21.07	25.07	30	PASS
Band4	20MHz	64QAM	20175	50RB#0	20.94	24.94	30	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.99	24.99	30	PASS
Band4	20MHz	64QAM	20300	1RB#49	22.03	26.03	30	PASS
Band4	20MHz	64QAM	20300	1RB#99	21.83	25.83	30	PASS
Band4	20MHz	64QAM	20300	1RB#0	22.15	26.15	30	PASS
Band4	20MHz	64QAM	20300	50RB#50	20.91	24.91	30	PASS
Band4	20MHz	64QAM	20300	50RB#0	21.01	25.01	30	PASS
Band4	20MHz	64QAM	20300	50RB#25	20.92	24.92	30	PASS
Band4	20MHz	64QAM	20300	100RB#0	21.03	25.03	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.75	25.75	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.57	25.57	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.49	25.49	30	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.41	24.41	30	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.42	24.42	30	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.63	24.63	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.63	24.63	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.89	25.89	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.76	25.76	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.70	25.7	30	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.69	24.69	30	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.61	24.61	30	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.36	24.36	30	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.33	24.33	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.76	25.76	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.77	25.77	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.66	25.66	30	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.38	24.38	30	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.38	24.38	30	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.41	24.41	30	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.52	24.52	30	PASS





SCC

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band12	10MHz	QPSK	23060	1RB#0	22.43	23.28	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.24	23.09	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.55	23.4	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.57	22.42	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.81	22.66	34.77	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.61	22.46	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.64	22.49	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.59	23.44	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.50	23.35	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.35	23.2	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.89	22.74	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.53	22.38	34.77	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.48	22.33	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.78	22.63	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.33	23.18	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.58	23.43	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.40	23.25	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.77	22.62	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#0	21.86	22.71	34.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.76	22.61	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.52	22.37	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.96	22.81	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	22.07	22.92	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	22.20	23.05	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#25	20.94	21.79	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#0	20.87	21.72	34.77	PASS
Band12	10MHz	64QAM	23060	25RB#12	20.87	21.72	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	21.13	21.98	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	22.06	22.91	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	21.84	22.69	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	22.00	22.85	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#0	20.74	21.59	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#12	20.87	21.72	34.77	PASS
Band12	10MHz	64QAM	23095	25RB#25	21.07	21.92	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	21.03	21.88	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.74	22.59	34.77	PASS



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Band12	10MHz	64QAM	23130	1RB#0	22.06	22.91	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	22.11	22.96	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#0	20.83	21.68	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#25	20.92	21.77	34.77	PASS
Band12	10MHz	64QAM	23130	25RB#12	21.13	21.98	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	21.11	21.96	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.46	22.31	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.73	22.58	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.87	22.72	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#0	20.70	21.55	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.75	21.6	34.77	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.46	21.31	34.77	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.84	21.69	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.89	22.74	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.91	22.76	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.80	22.65	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#0	20.51	21.36	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#12	20.42	21.27	34.77	PASS
Band12	10MHz	16QAM	23095	25RB#25	20.83	21.68	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.72	21.57	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	22.02	22.87	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.51	22.36	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.46	22.31	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.42	21.27	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.82	21.67	34.77	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.71	21.56	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.74	21.59	34.77	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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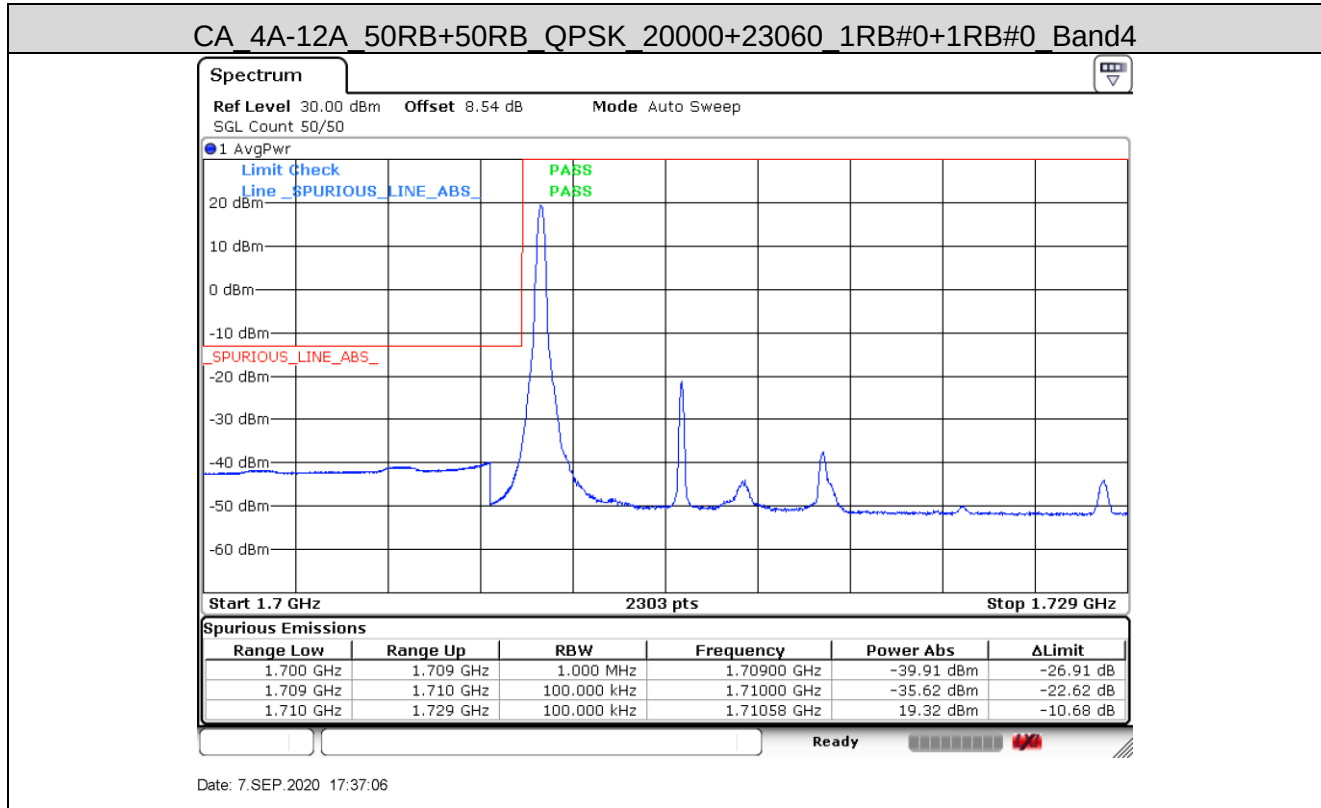
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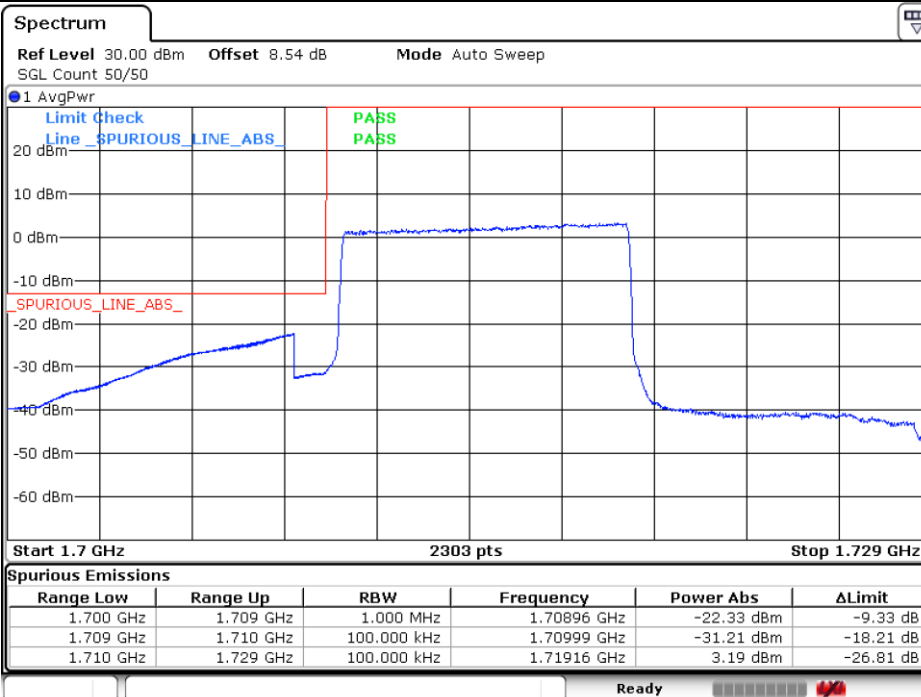
2 Band Edges Compliance

1.1.2. For LTE

2.1.1 Test Band = LTE Band CA_4A-12A

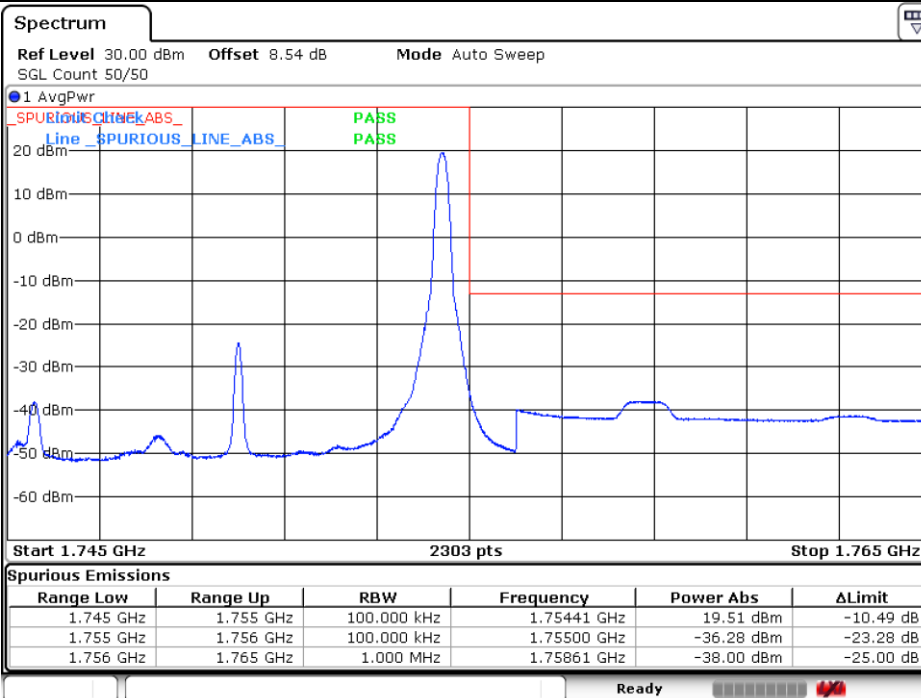


CA 4A-12A 50RB+50RB_QPSK_20000+23060_50RB#0+50RB#0_Band4



Date: 7.SEP.2020 17:39:09

CA 4A-12A 50RB+50RB_QPSK_20300+23130_1RB#49+1RB#49_Band4



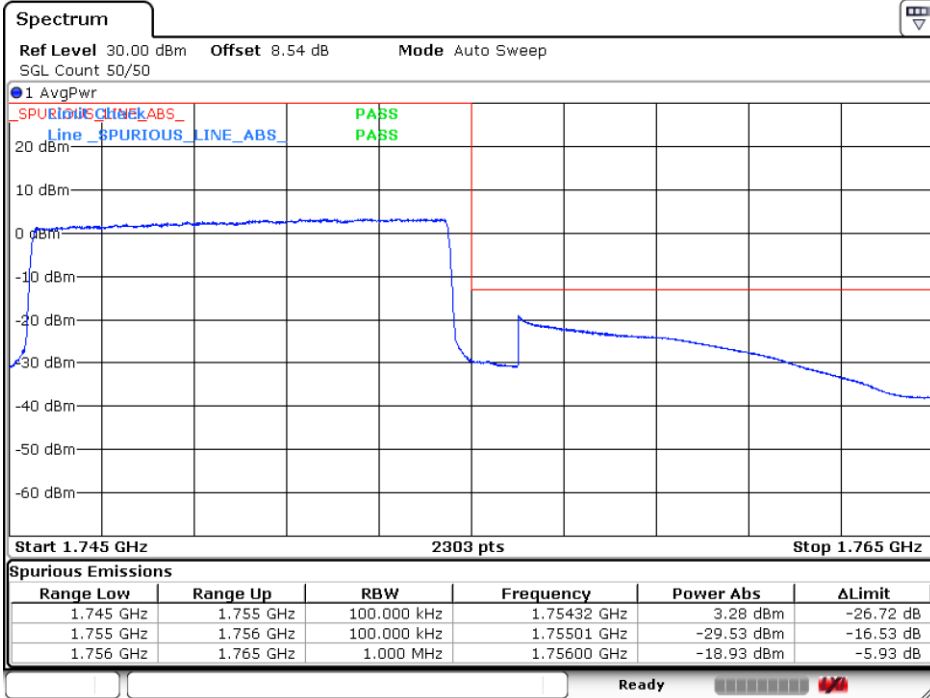
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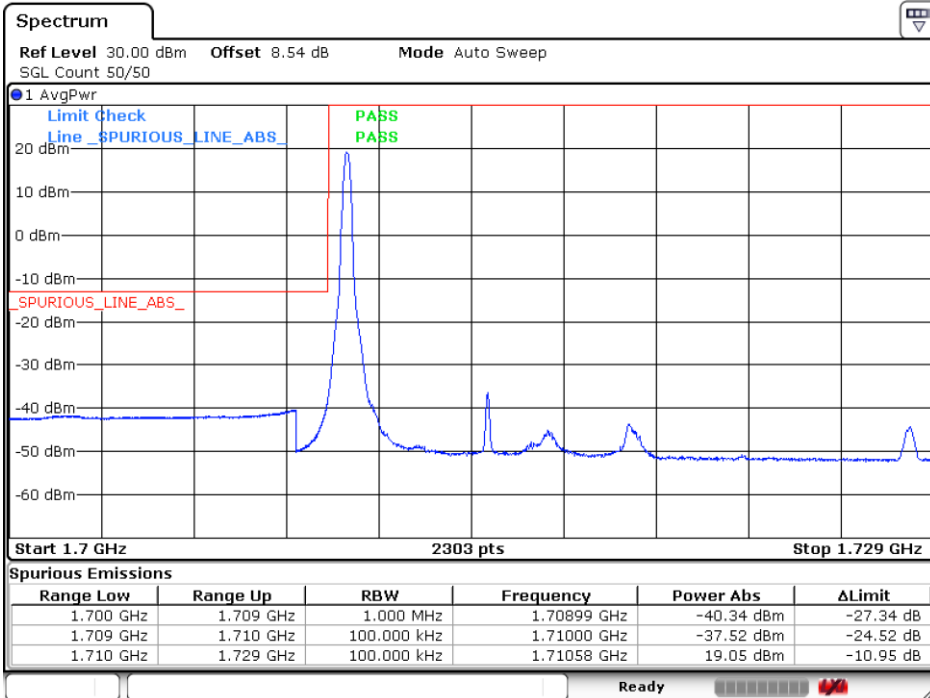
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Date: 7.SEP.2020 17:40:12

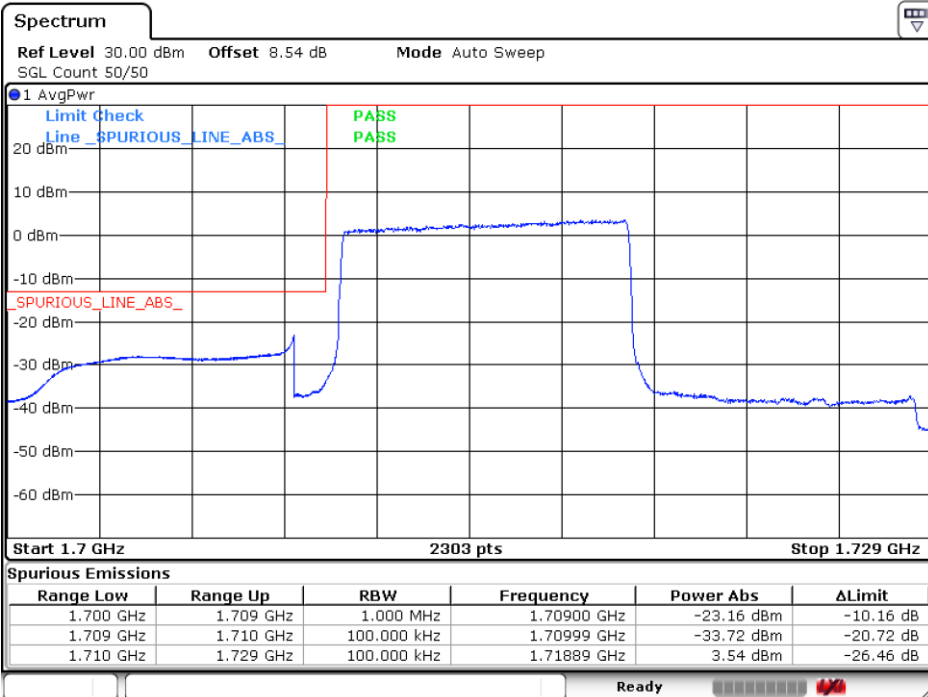
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Date: 20.AUG.2020 09:38:09

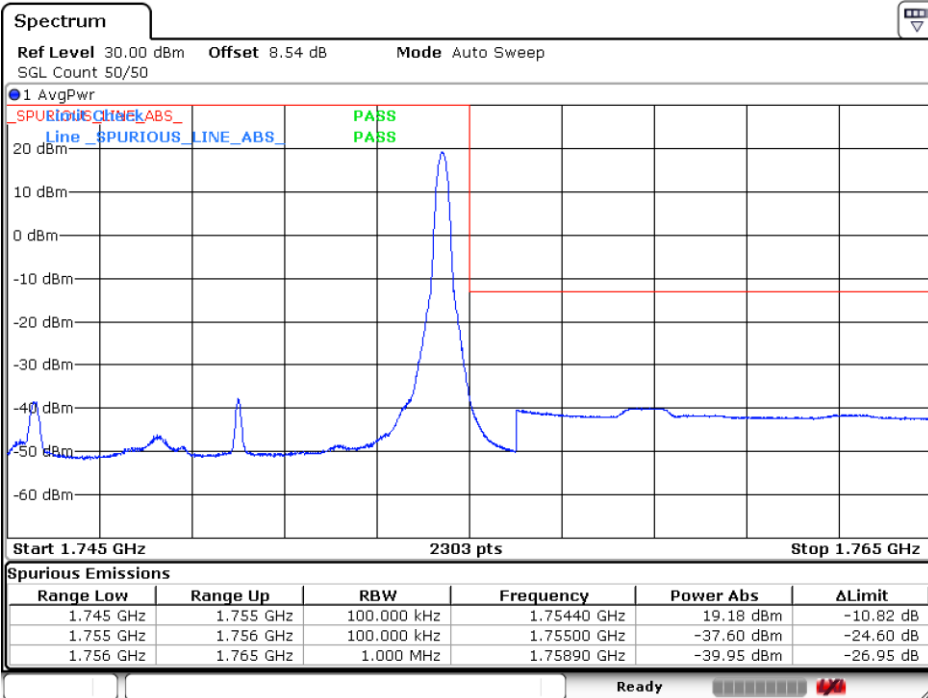


CA 4A-12A 50RB+50RB 16QAM 20000+23060 50RB#0+50RB#0 Band4



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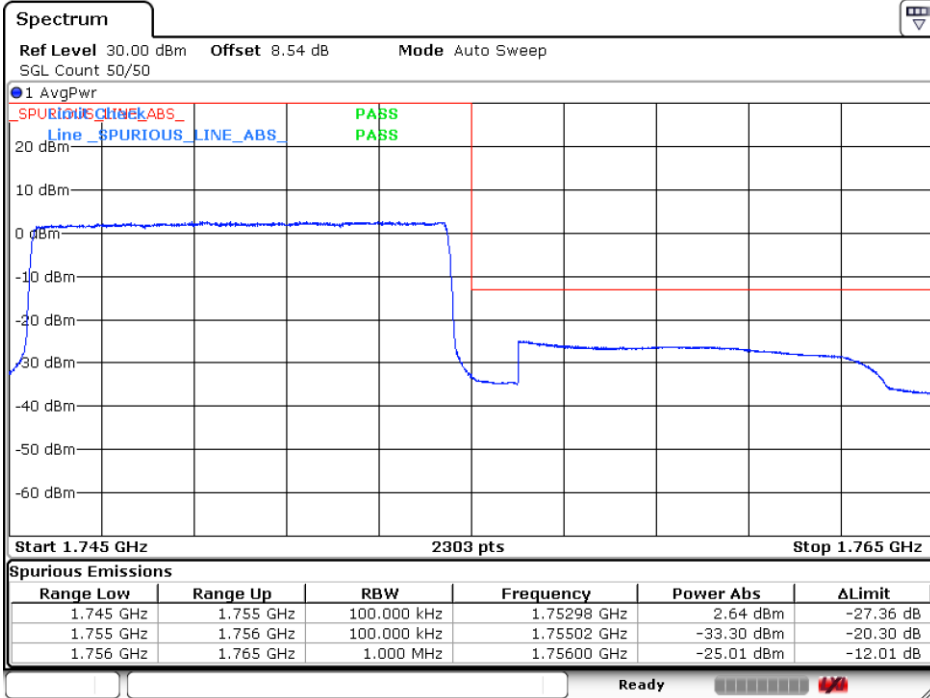
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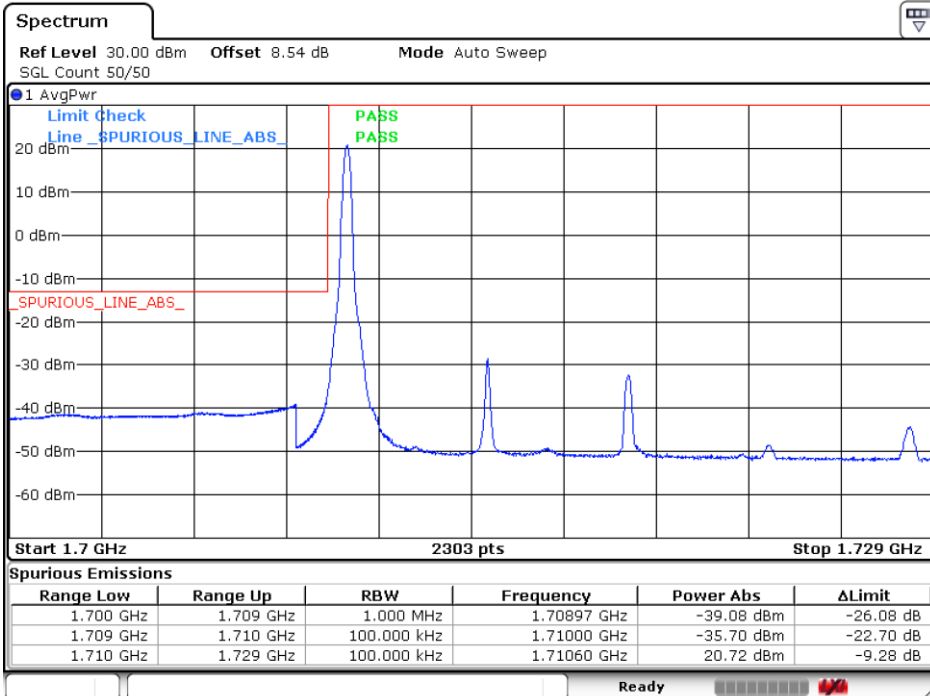


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Date: 20.AUG.2020 09:53:01

CA 4A-12A 50RB+50RB 64QAM 20000+23060 1RB#0+1RB#0 Band4



Date: 23.AUG.2020 17:52:58



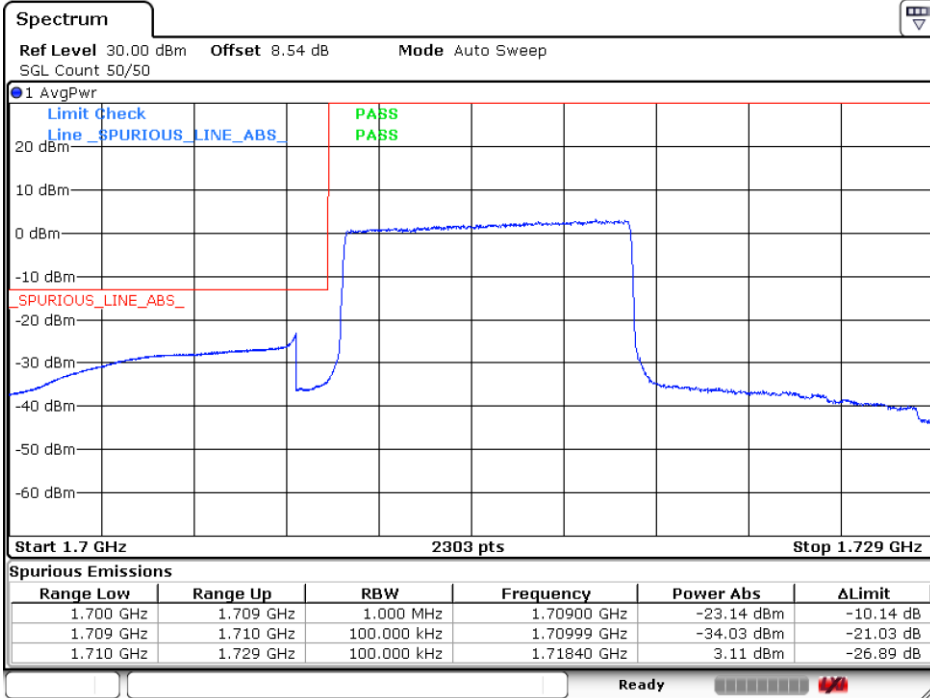
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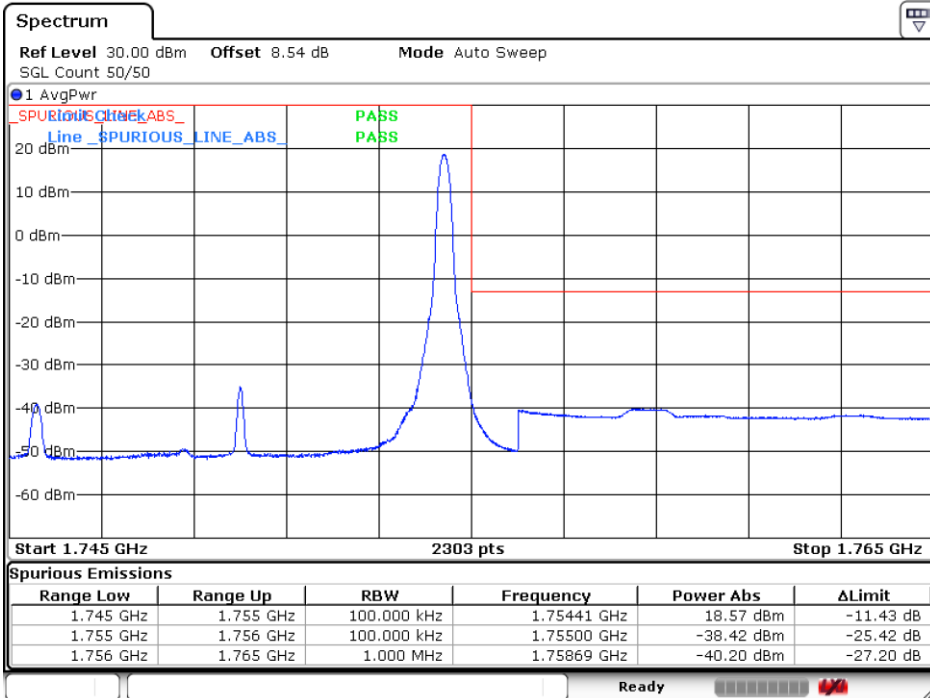
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Date: 20.AUG.2020 09:34:36

CA 4A-12A 50RB+50RB 64QAM 20300+23130 1RB#49+1RB#49 Band4



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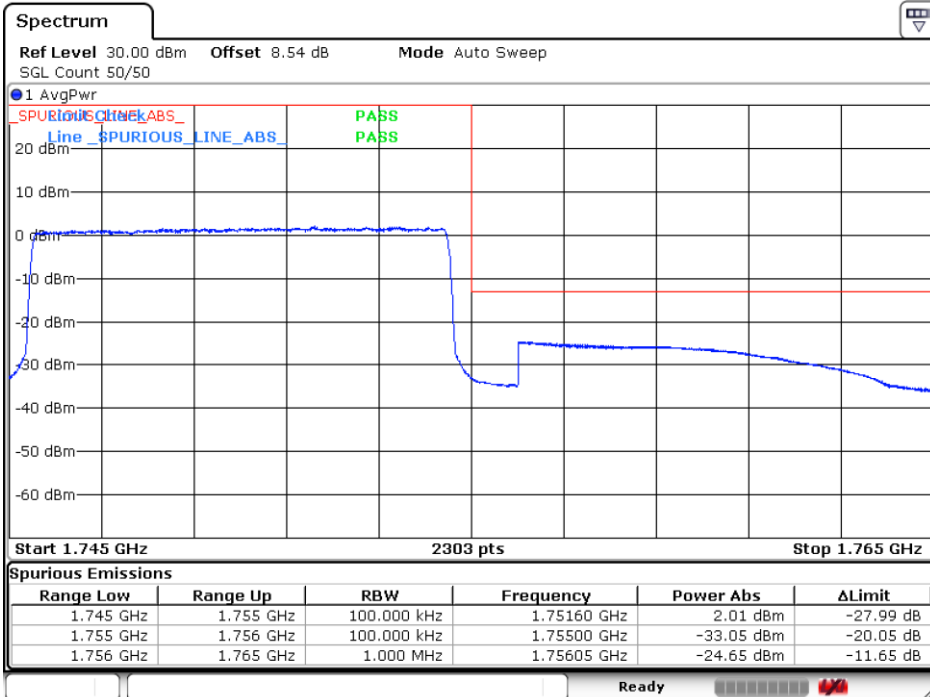


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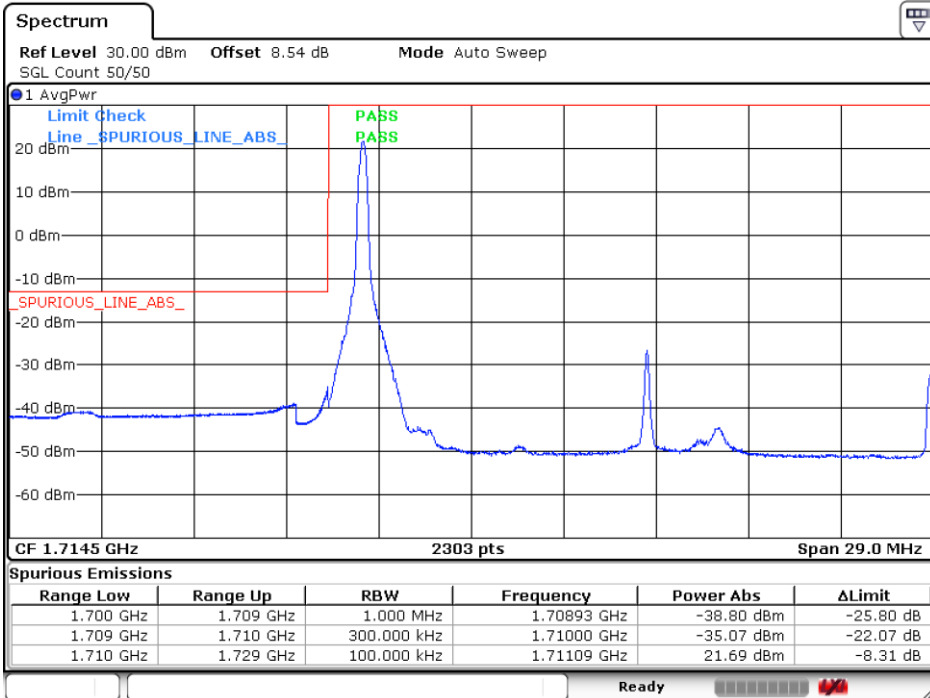
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Date: 20.AUG.2020 09:51:08

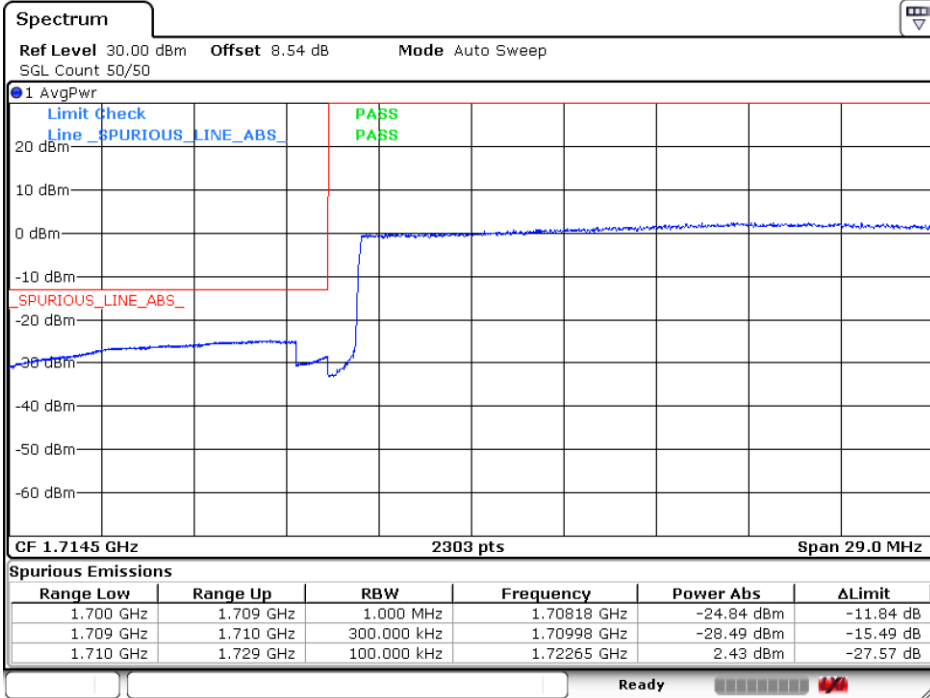
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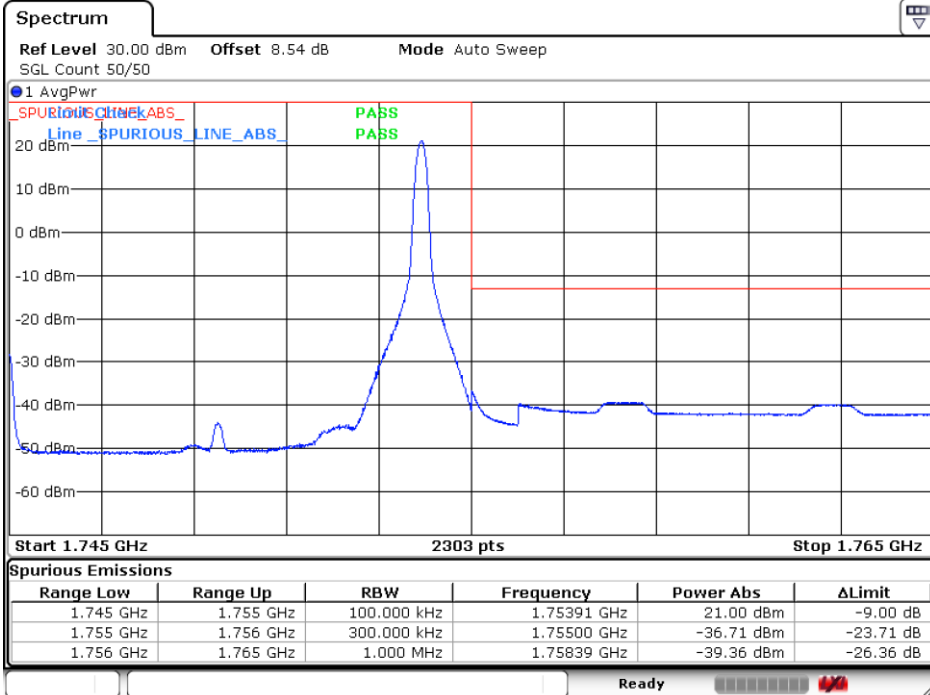


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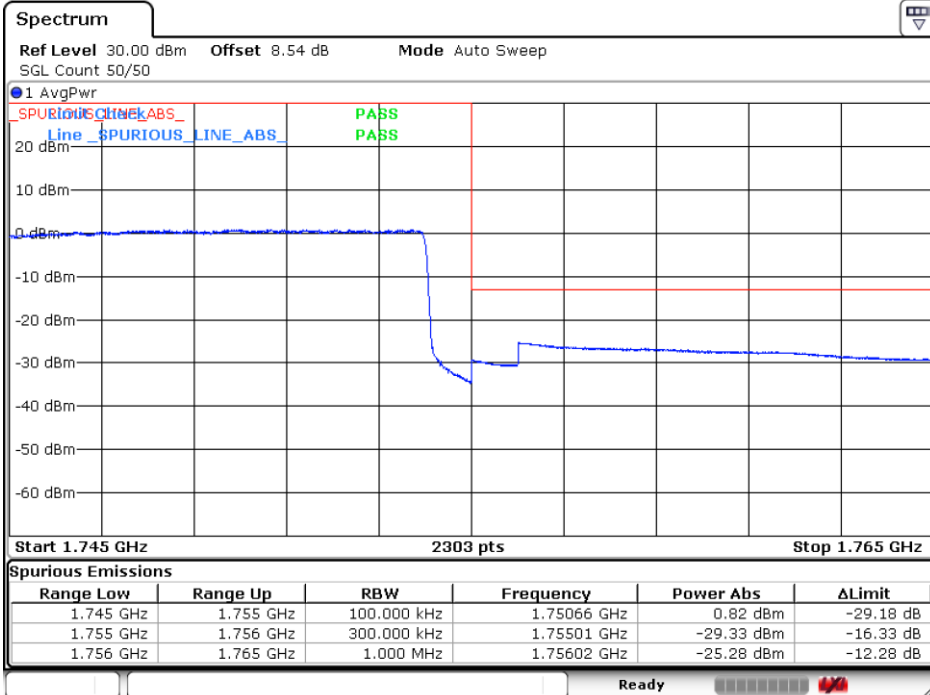
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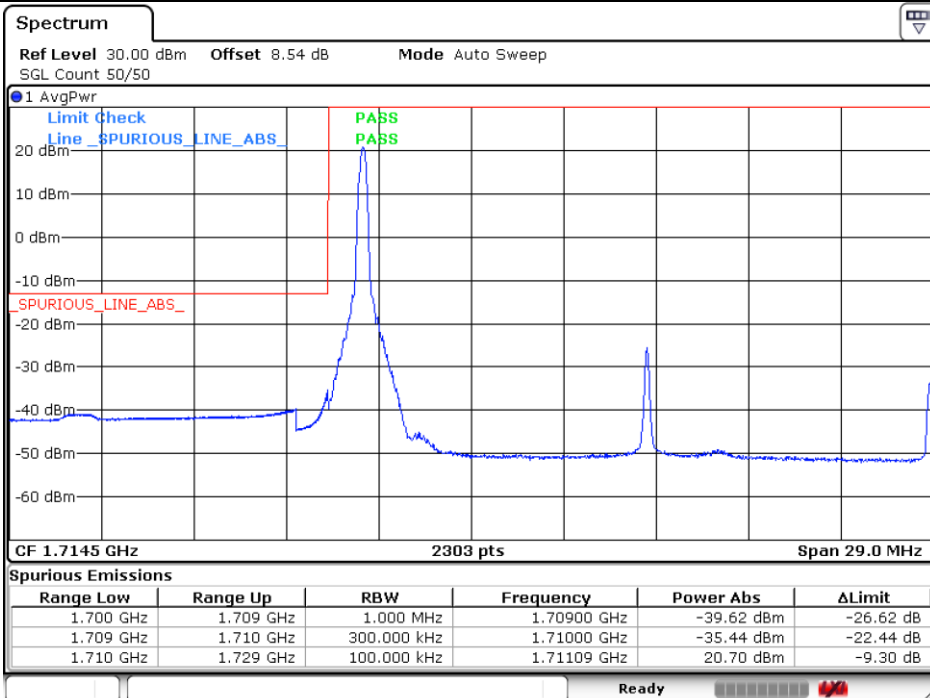


CA 4A-12A 100RB+50RB_QPSK_20300+23130_100RB#0+50RB#0_Band4



Date: 23.AUG.2020 15:32:52

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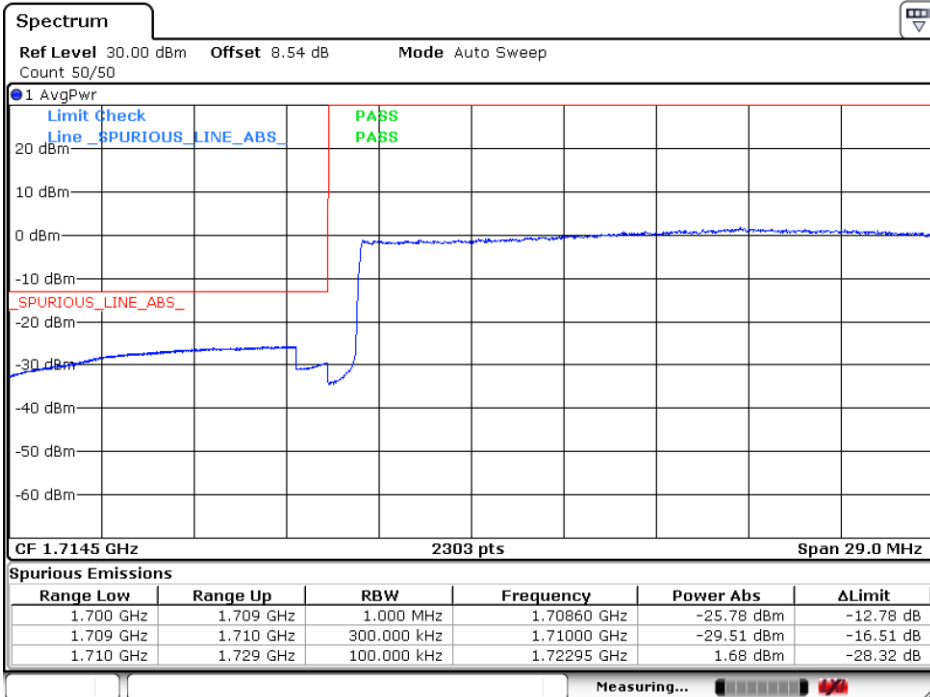
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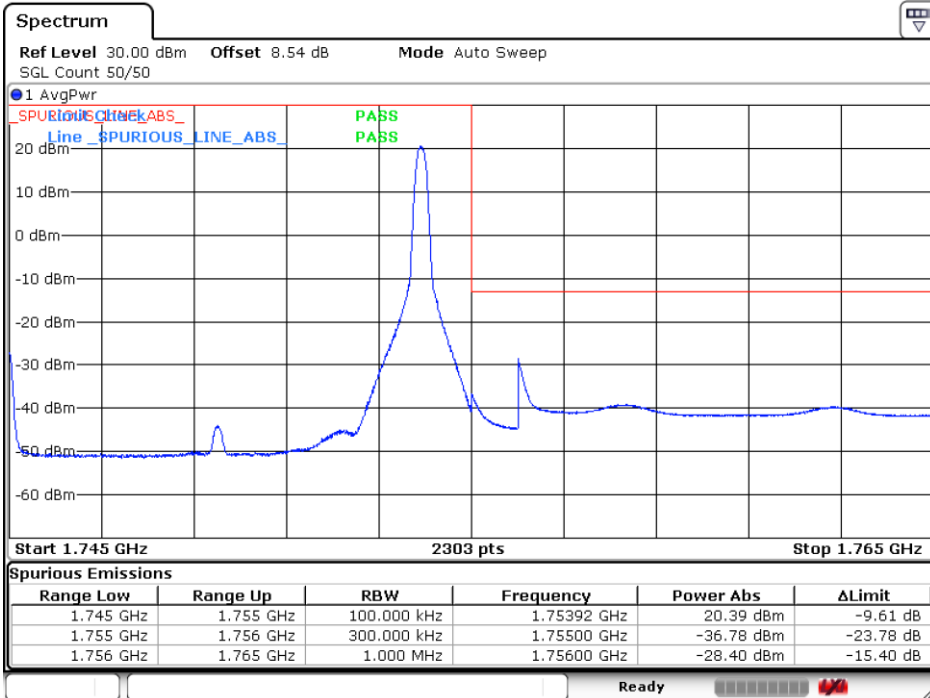
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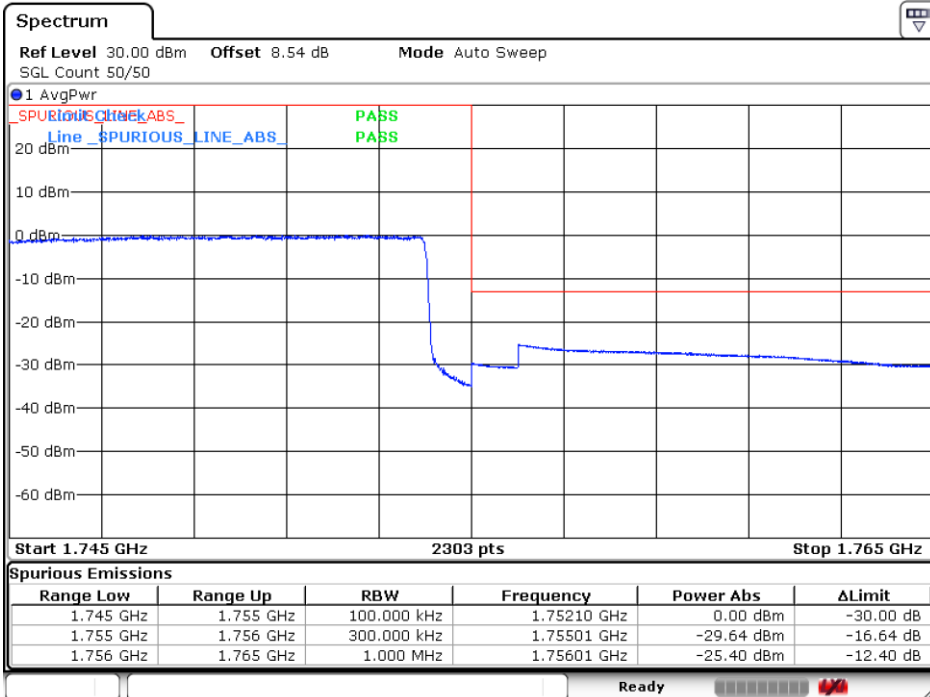
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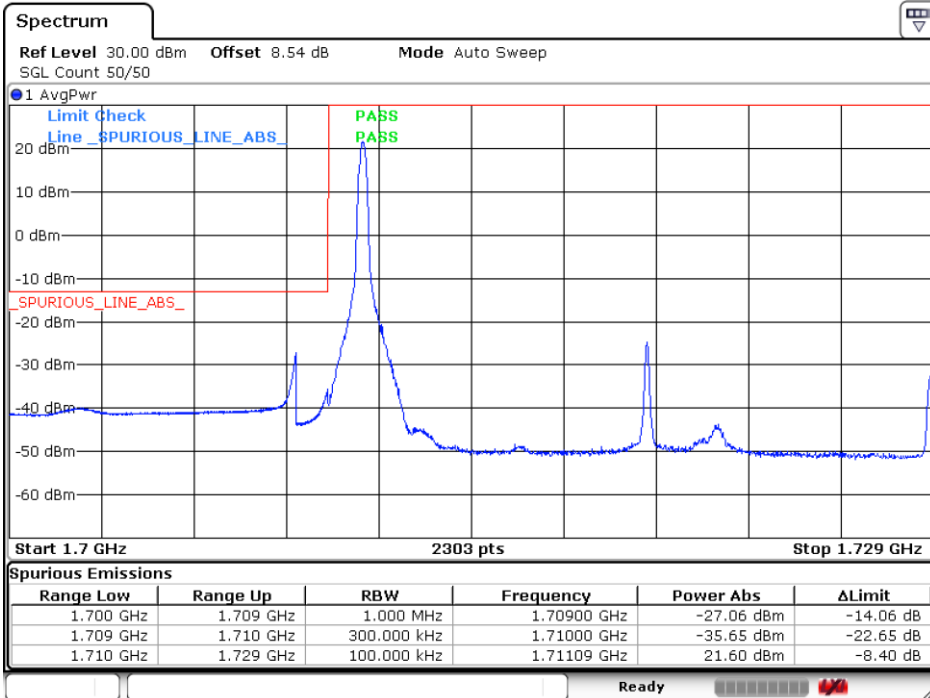


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Date: 23.AUG.2020 15:33:59

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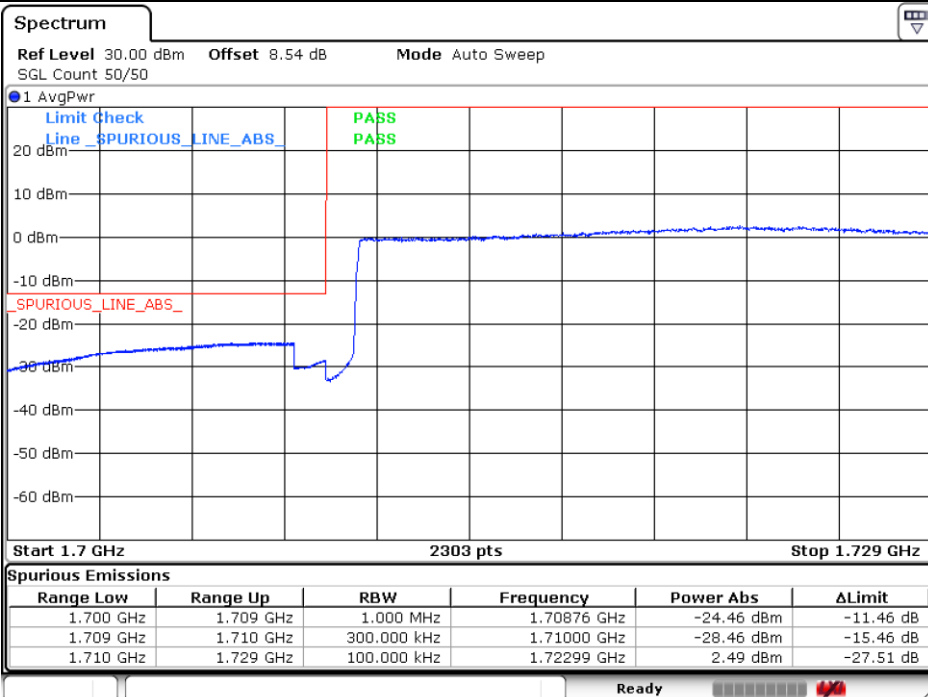


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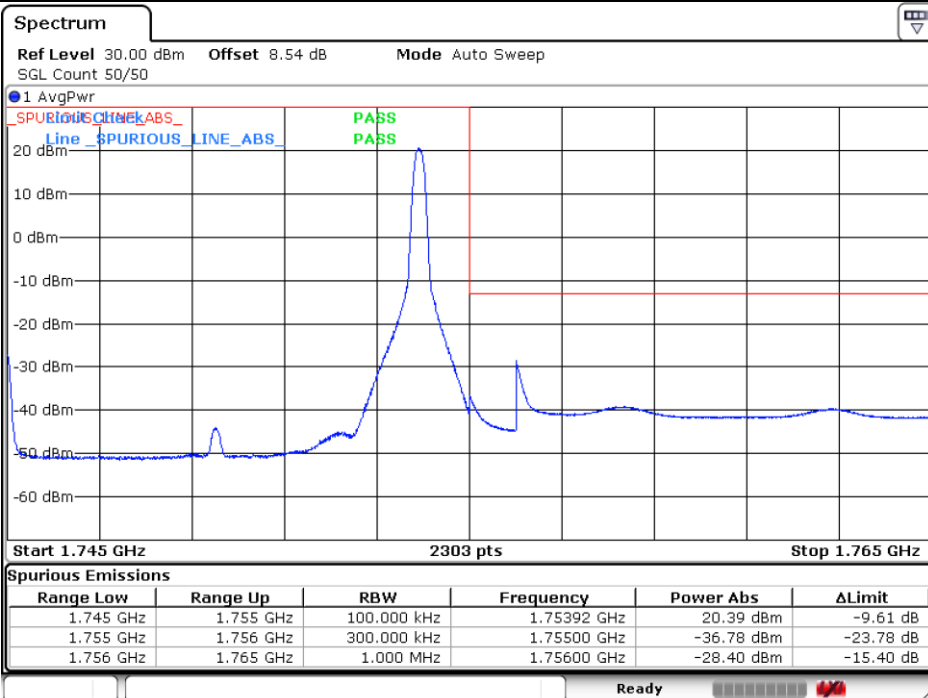
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Date: 23.AUG.2020 17:33:39

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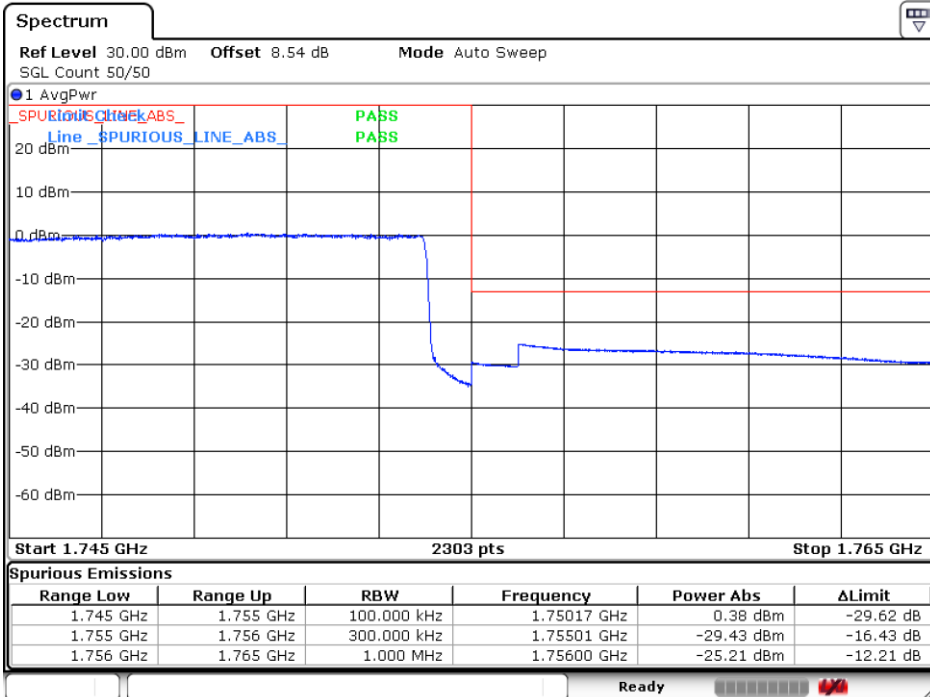
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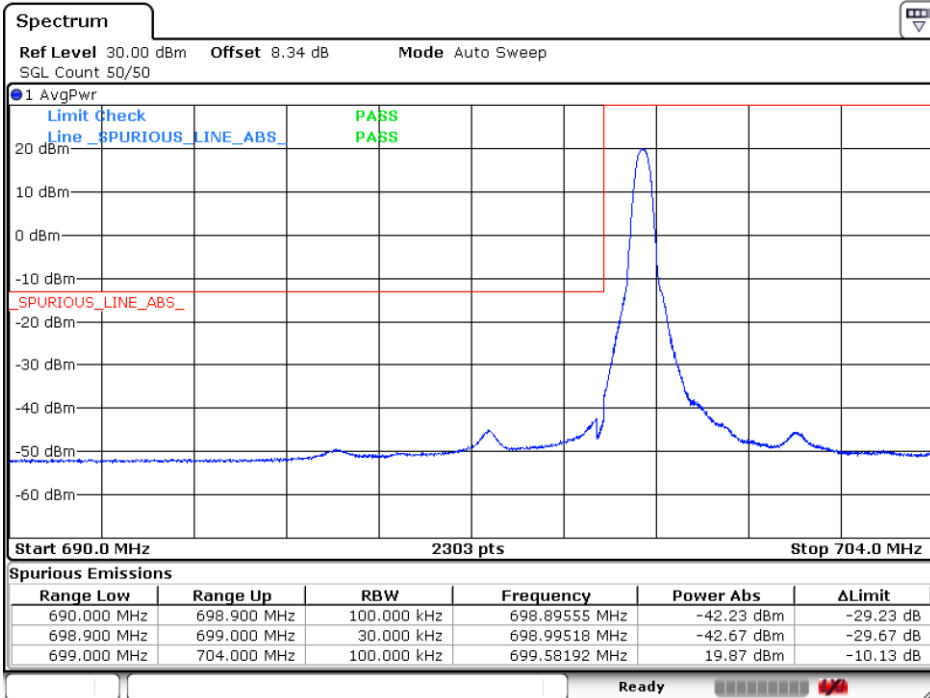
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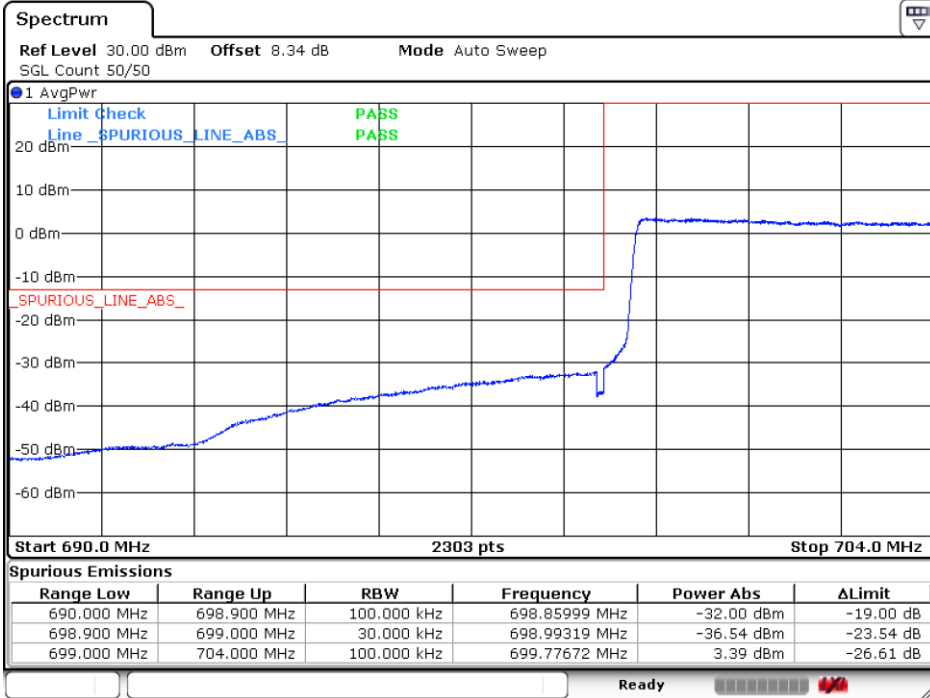
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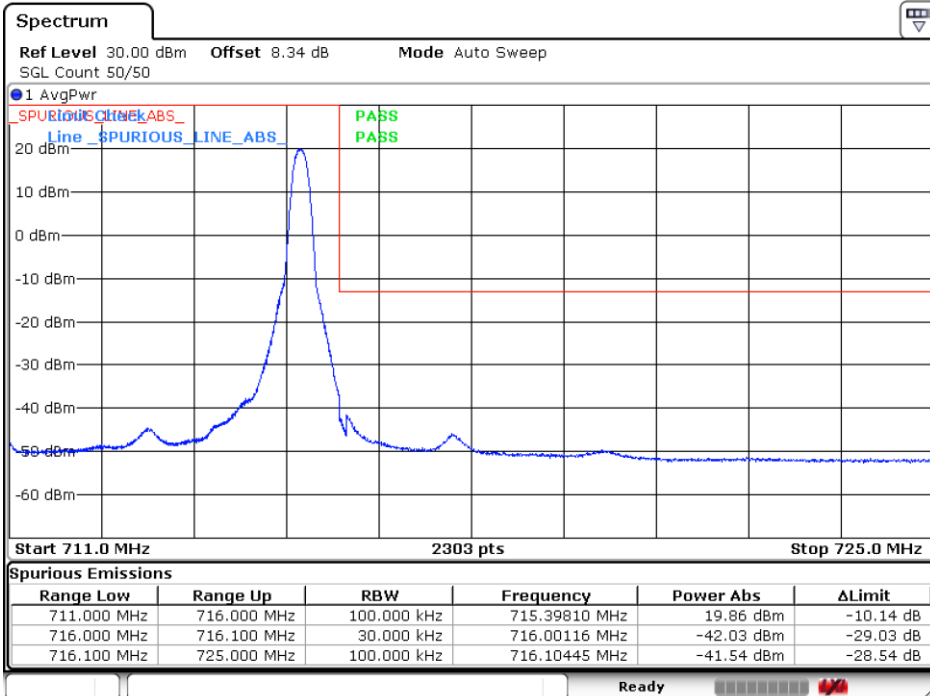


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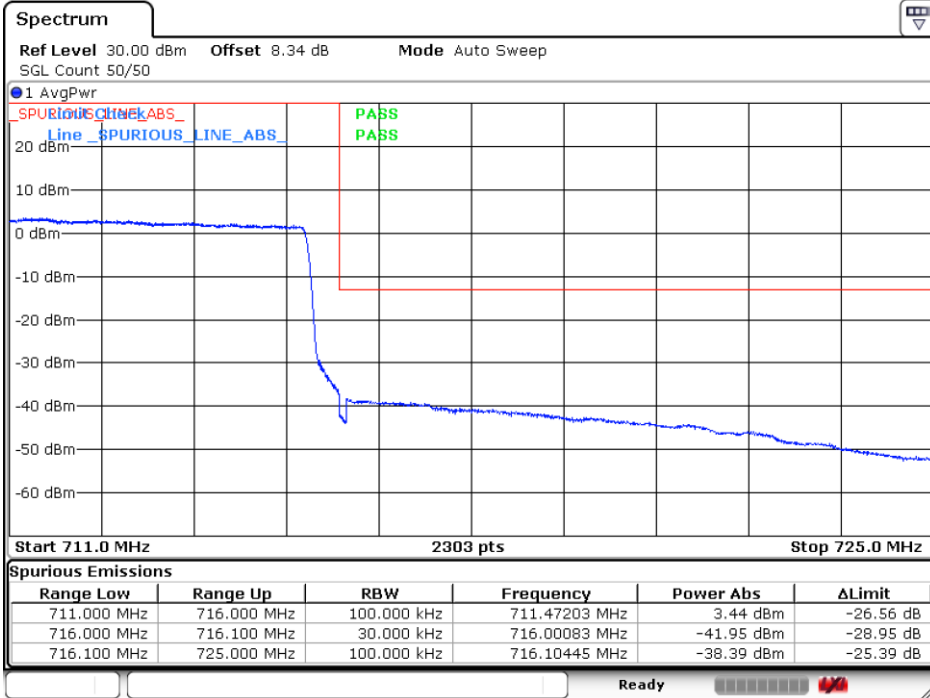
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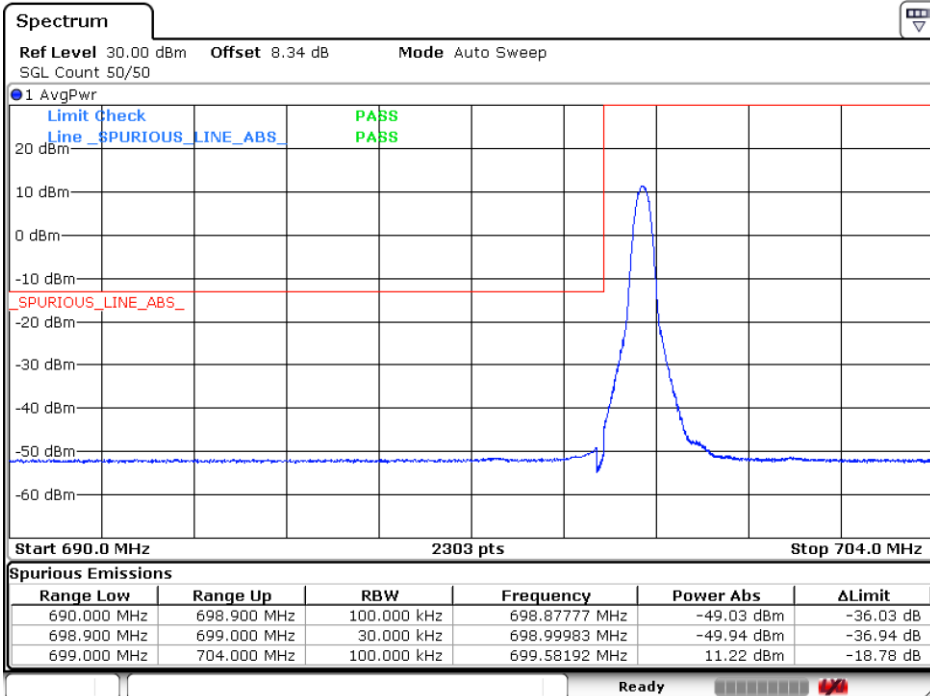


CA 4A-12A 50RB+50RB QPSK 20300+23130 50RB#0+50RB#0 Band12



Date: 7.SEP.2020 17:52:14

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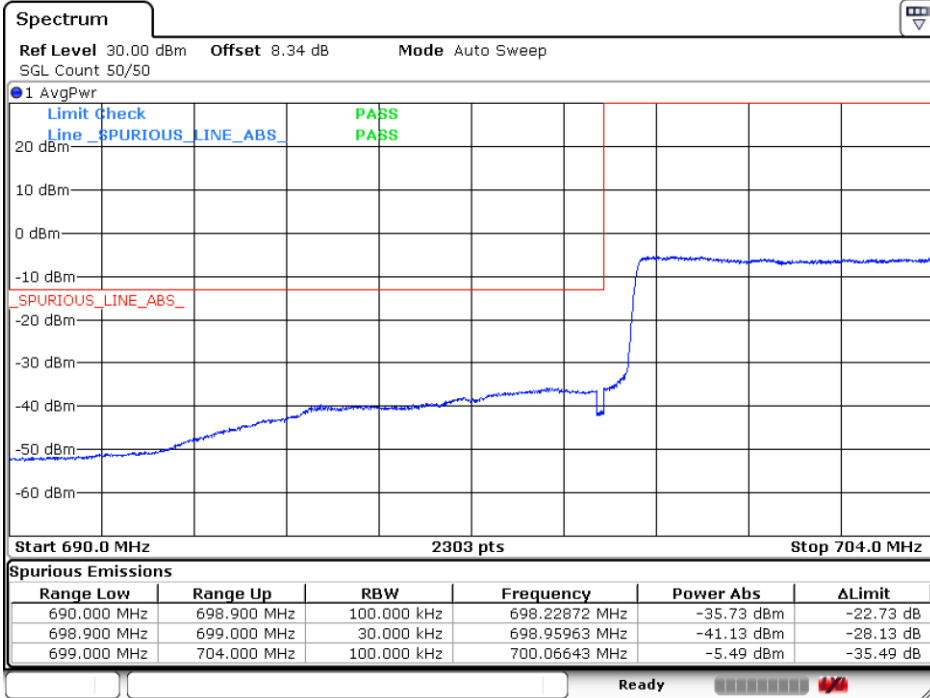


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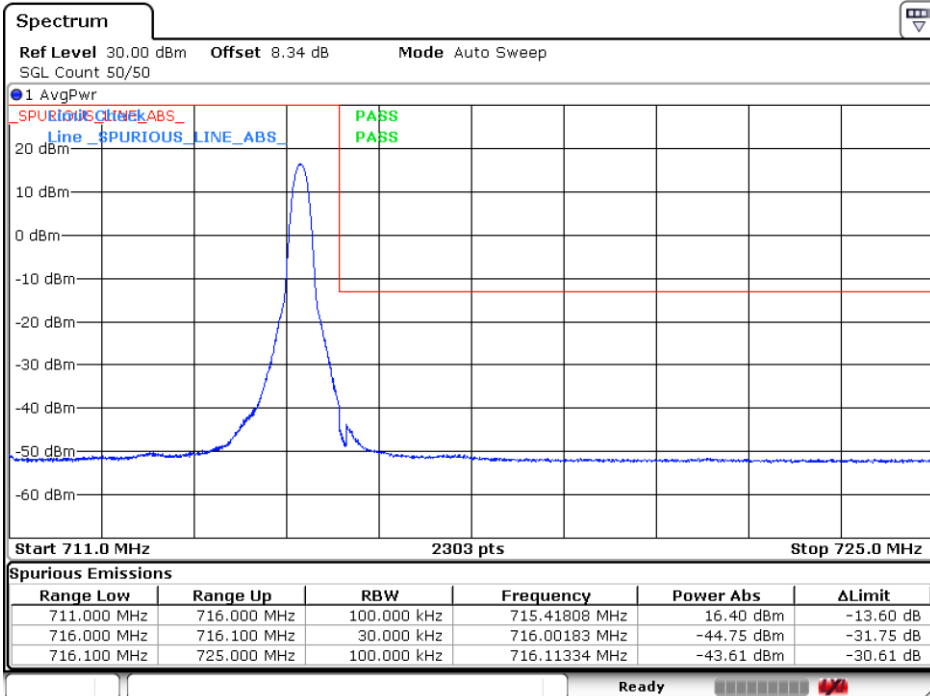
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Date: 20.AUG.2020 09:45:27

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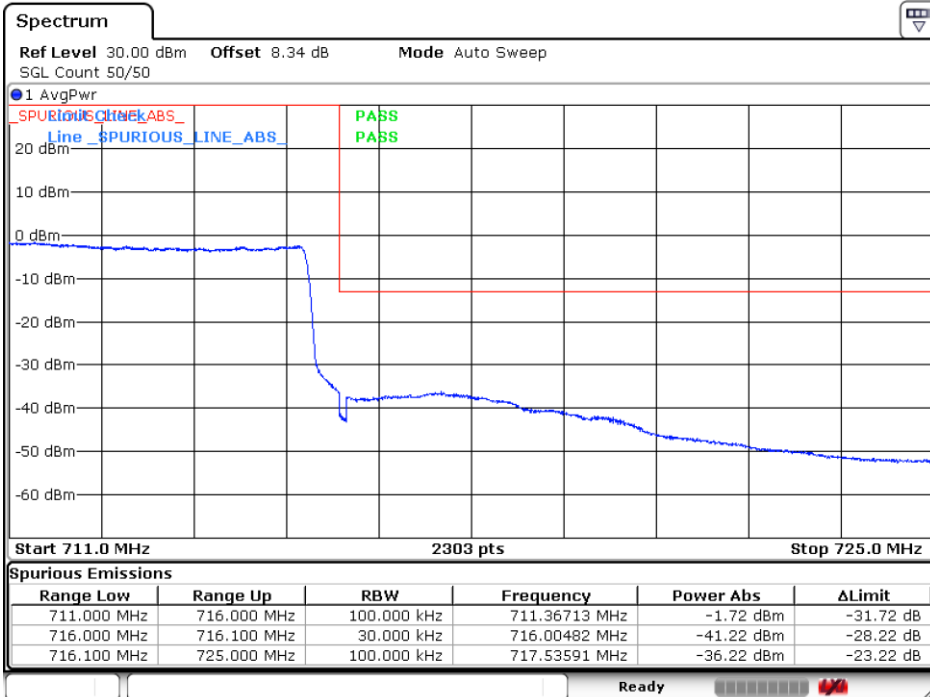


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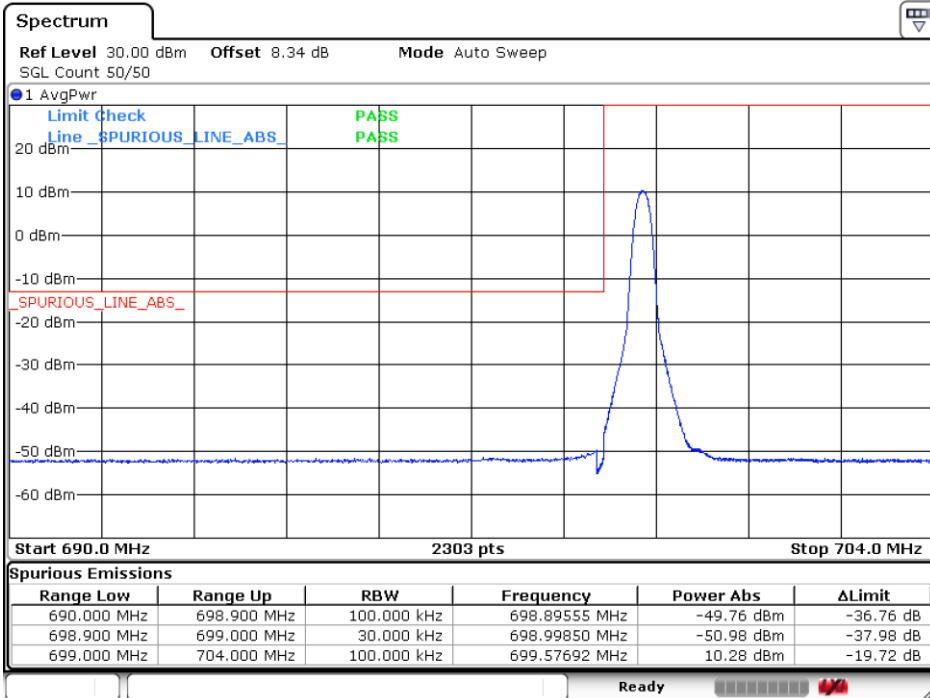
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CA 4A-12A 50RB+50RB 16QAM 20300+23130 50RB#0+50RB#0 Band12



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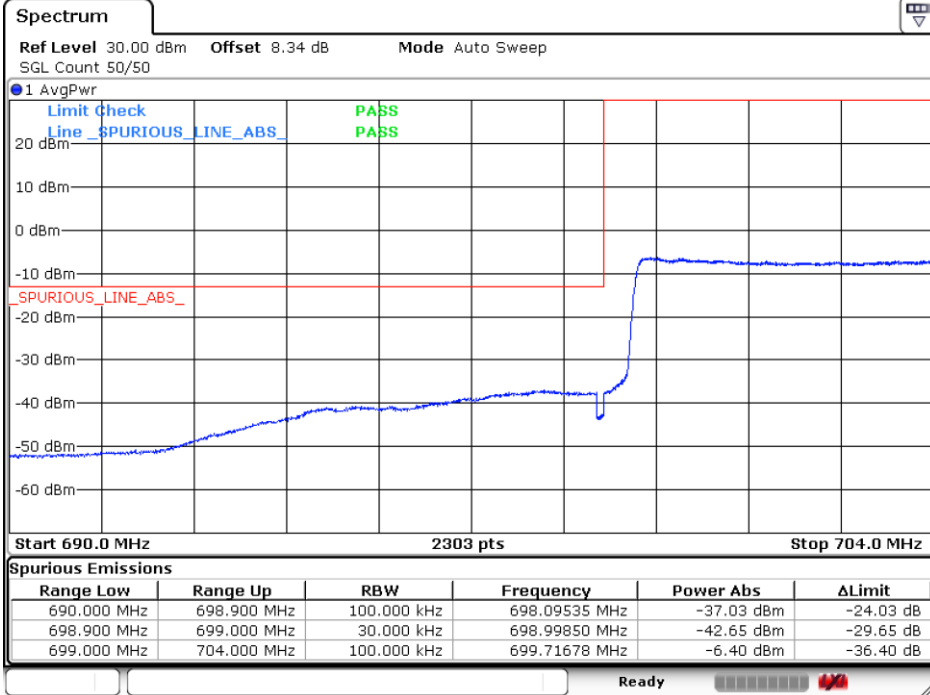
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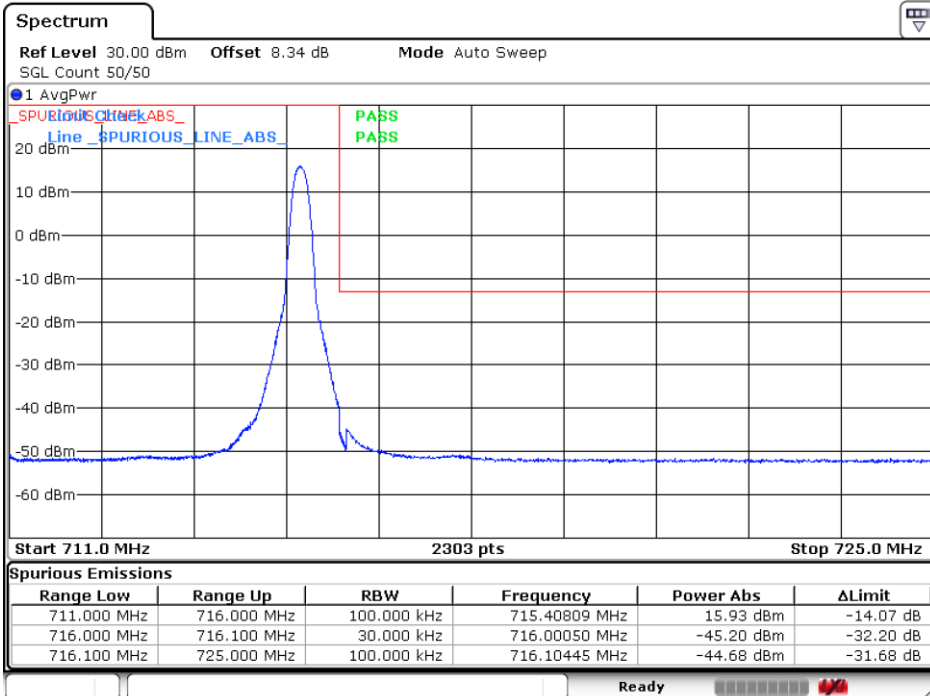


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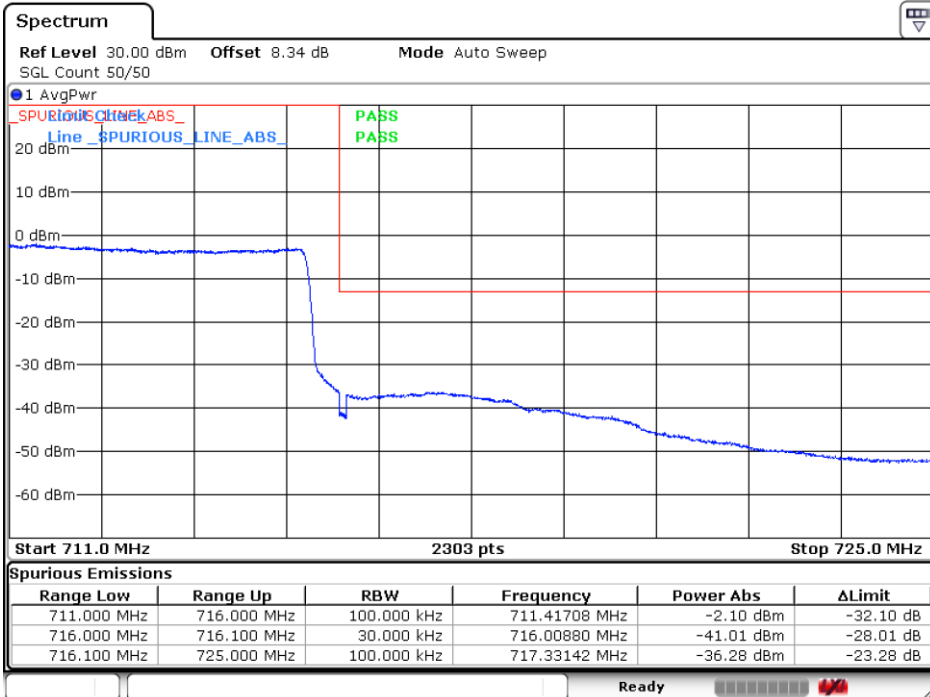
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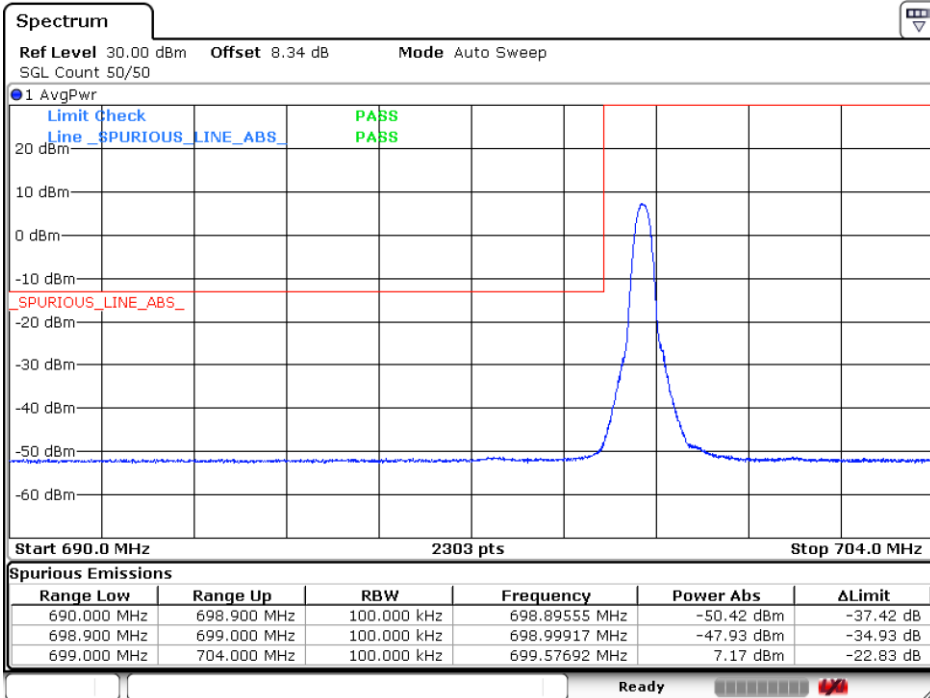


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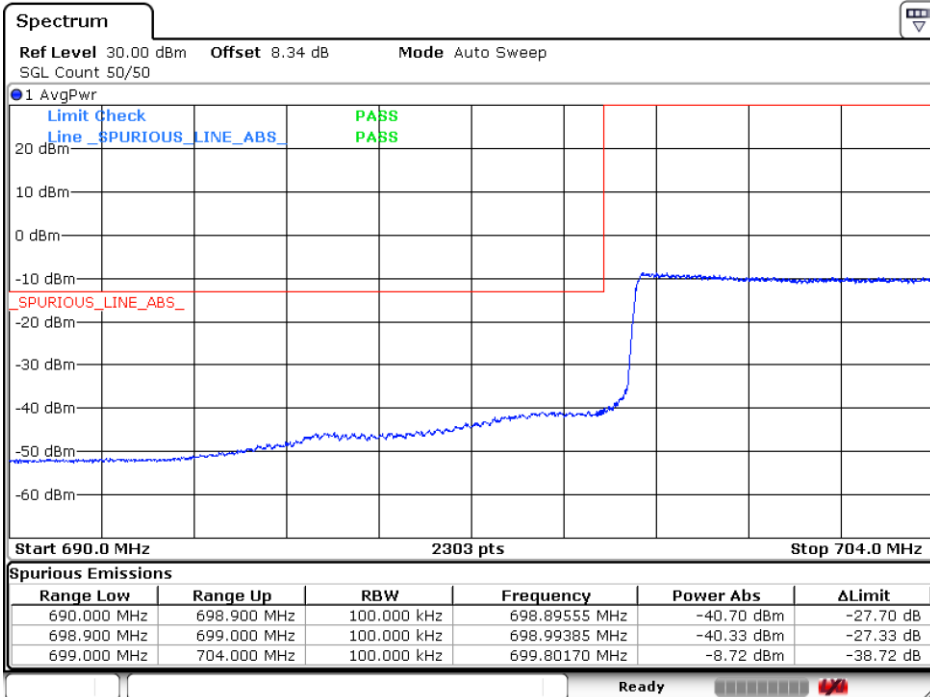
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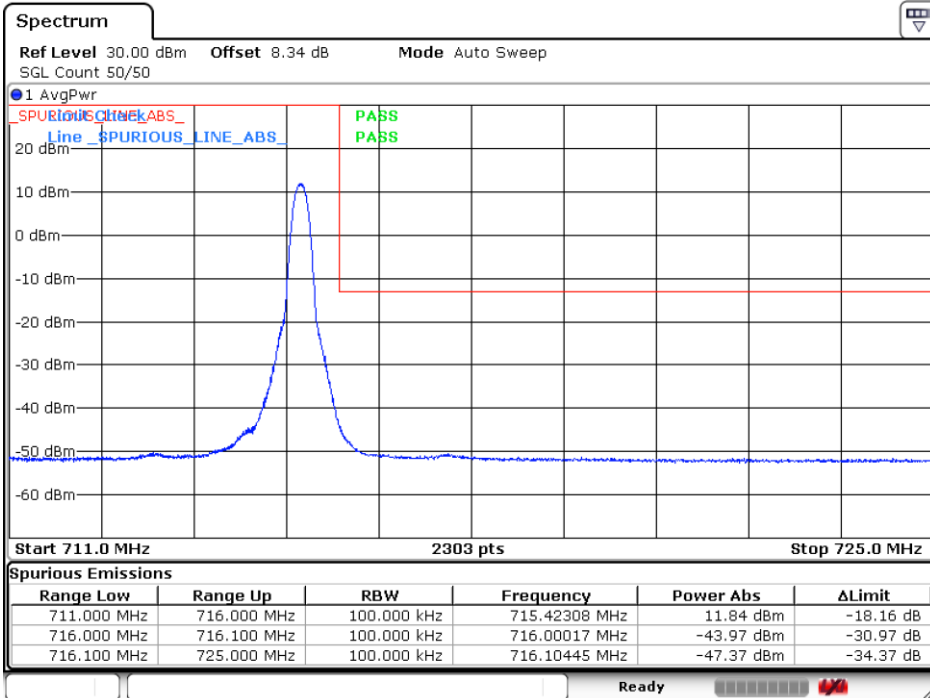


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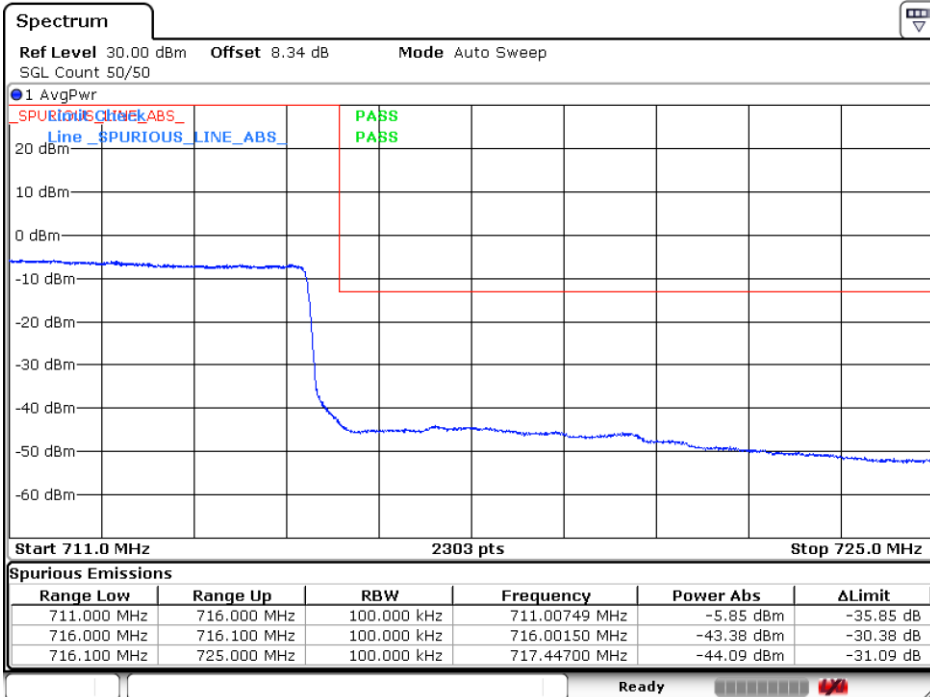


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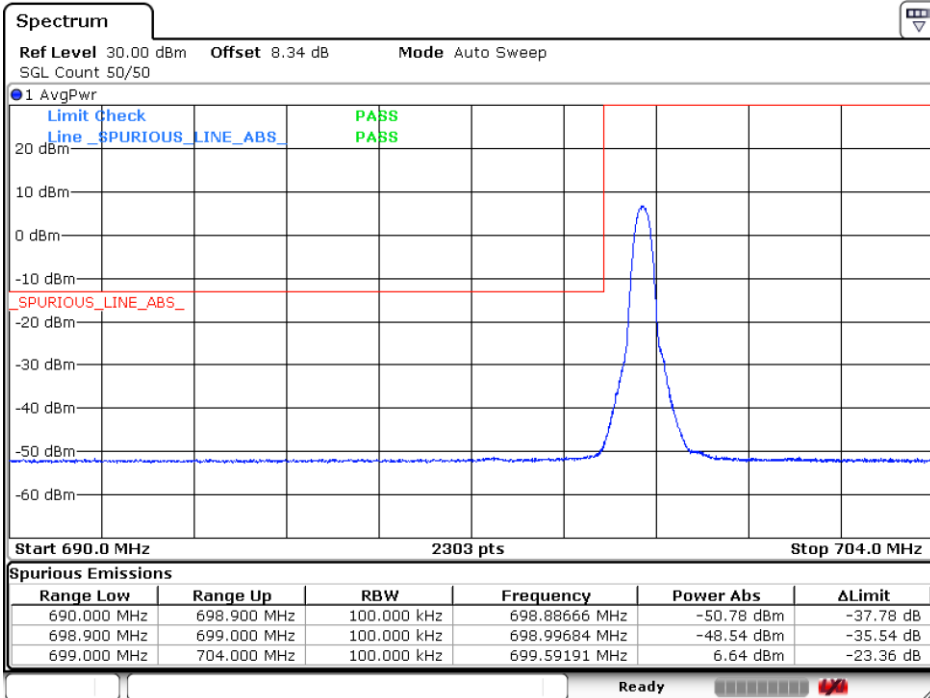
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CA 4A-12A 100RB+50RB QPSK 20300+23130 100RB#0+50RB#0 Band12



Date: 23.AUG.2020 16:48:26

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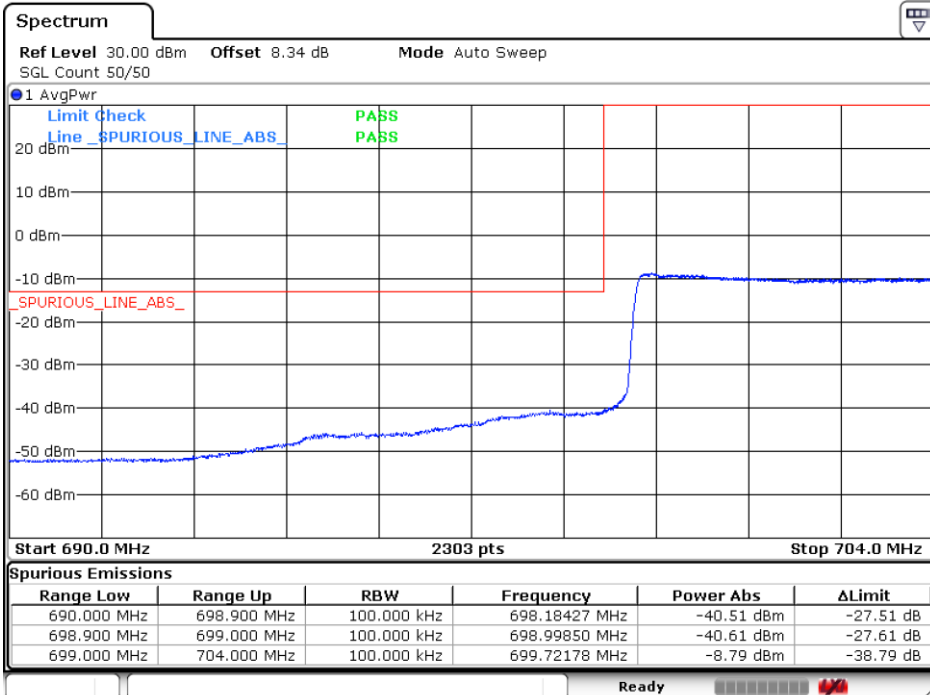


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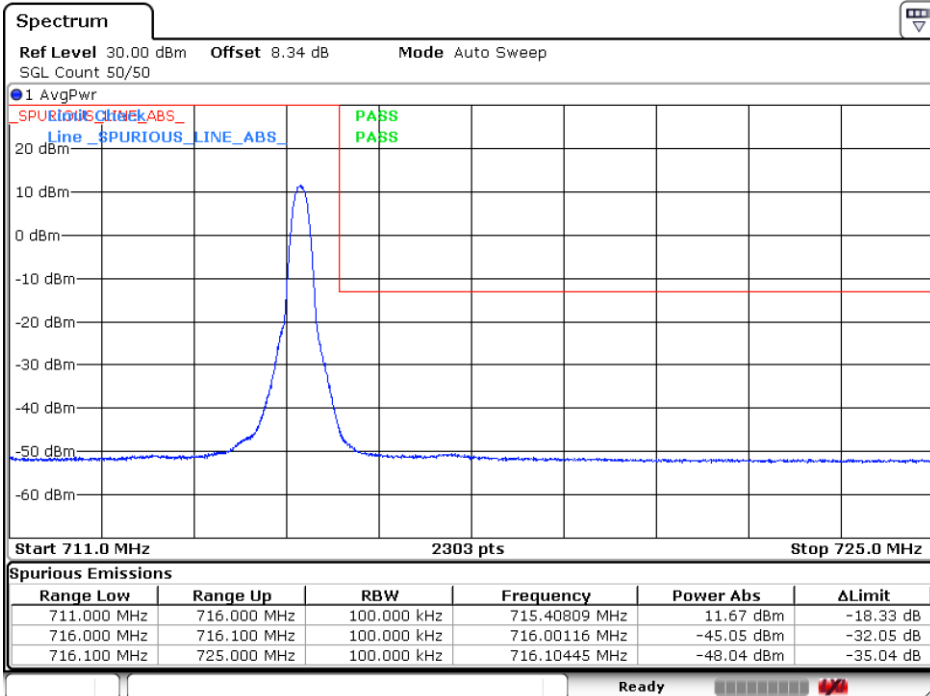
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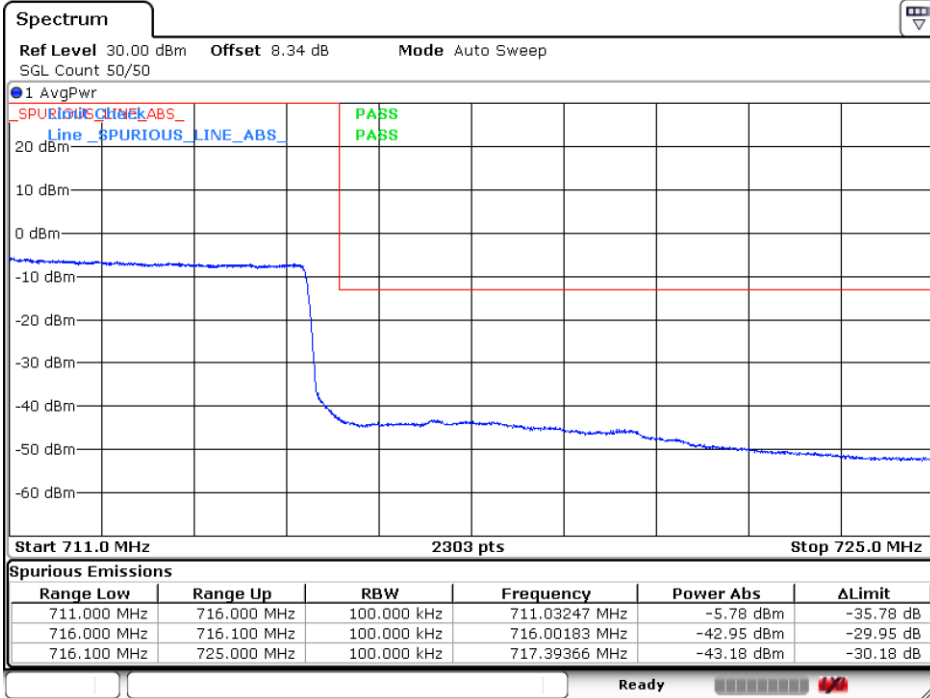
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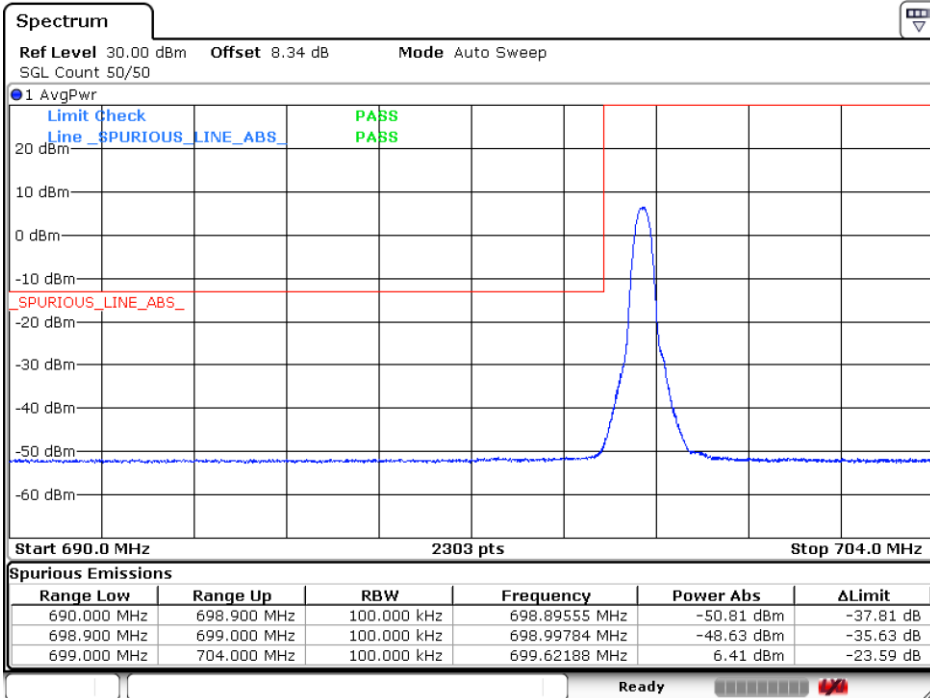


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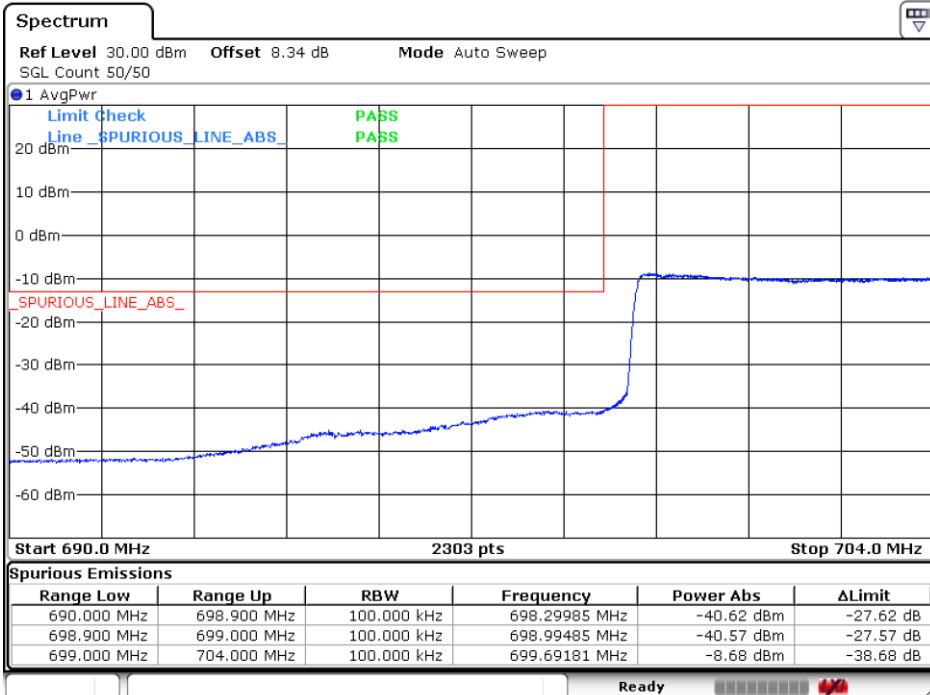


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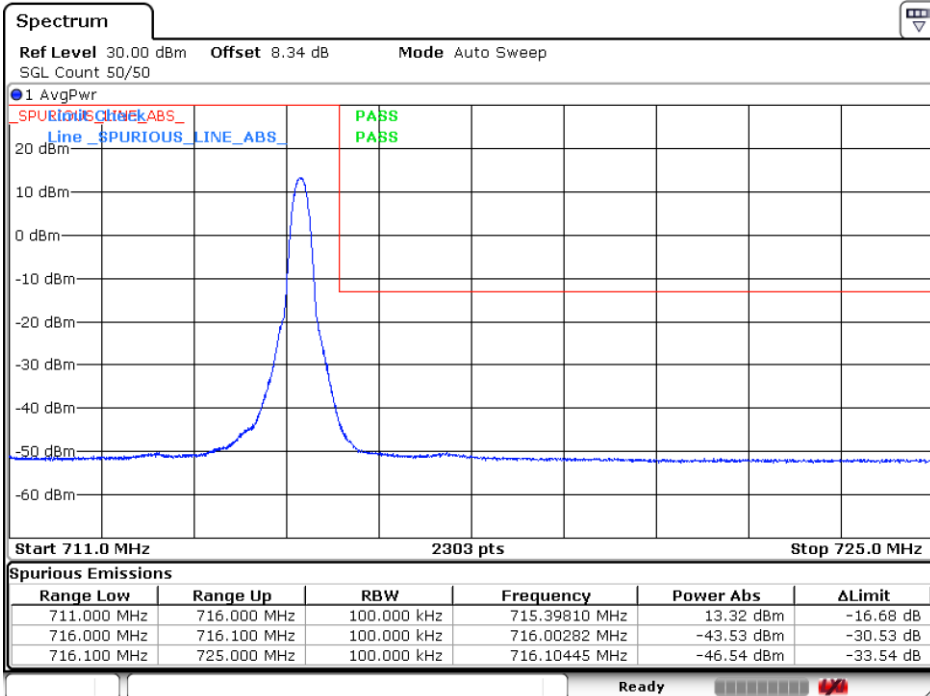
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Date: 23.AUG.2020 17:21:12

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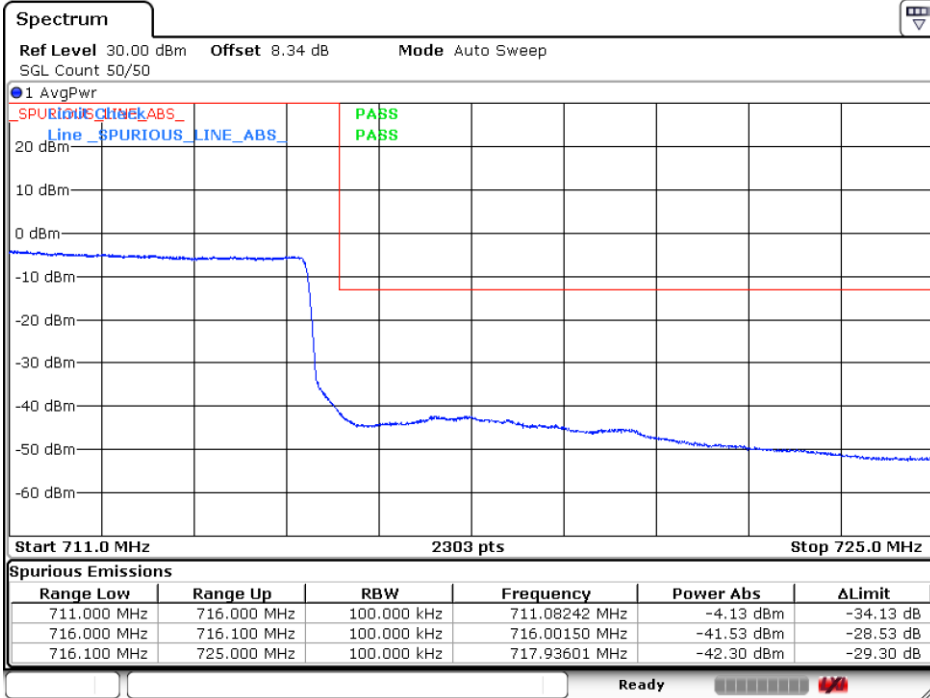


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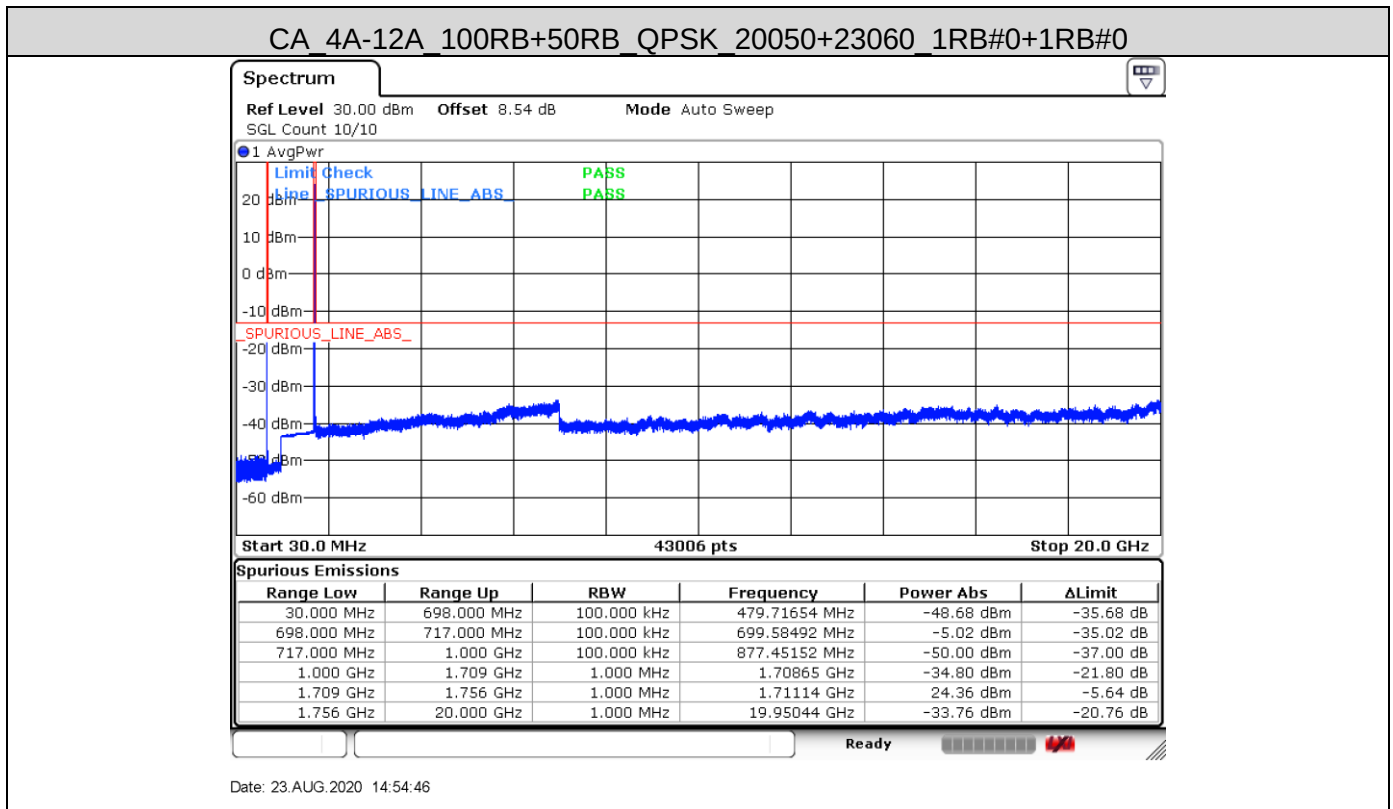
3 Spurious Emission at Antenna Terminal

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.

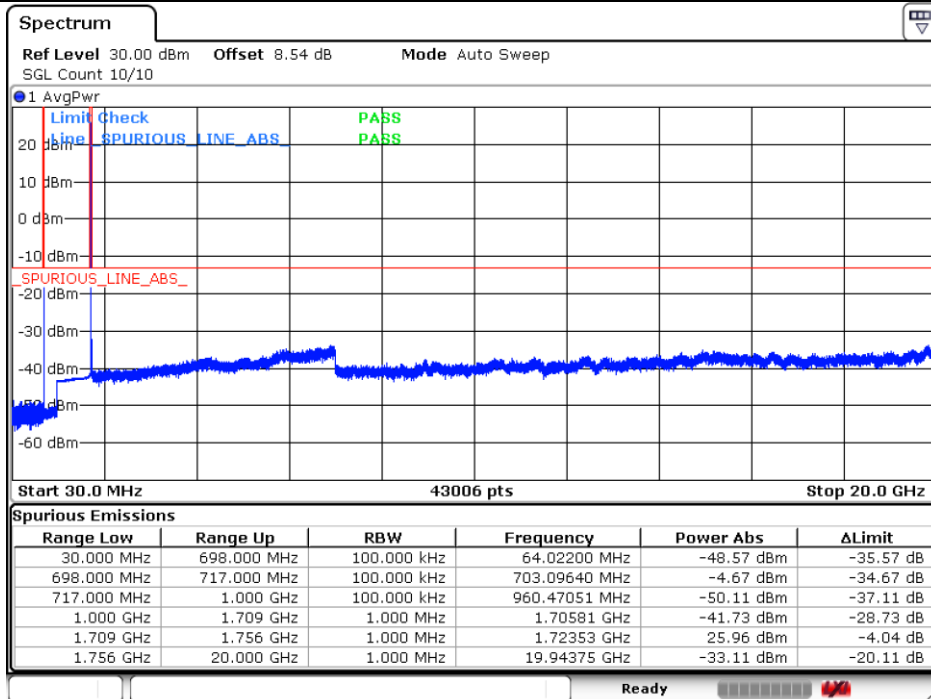
Part I - Test Plots

1.1.3. For LTE

3.1.1 Test Band = LTE Band CA_4A-12A



CA_4A-12A_100RB+50RB_QPSK_20175+23095_1RB#0+1RB#0



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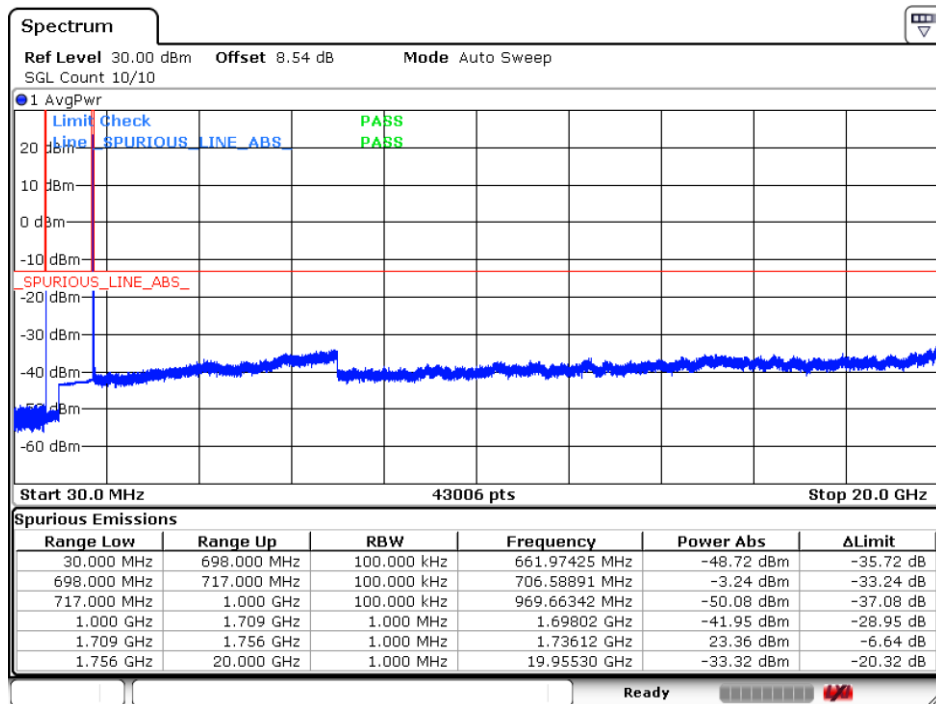
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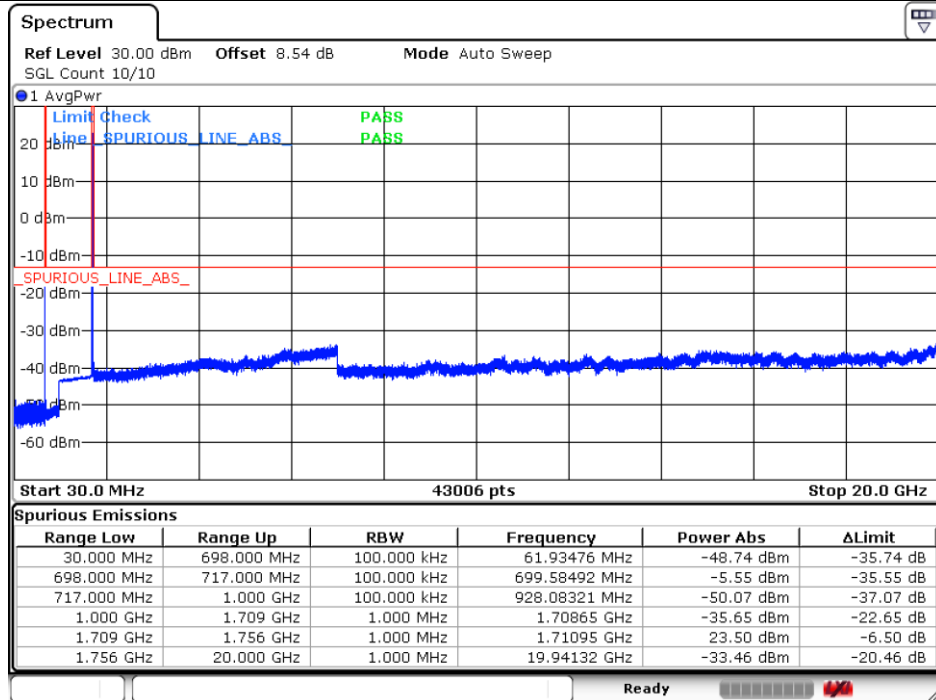
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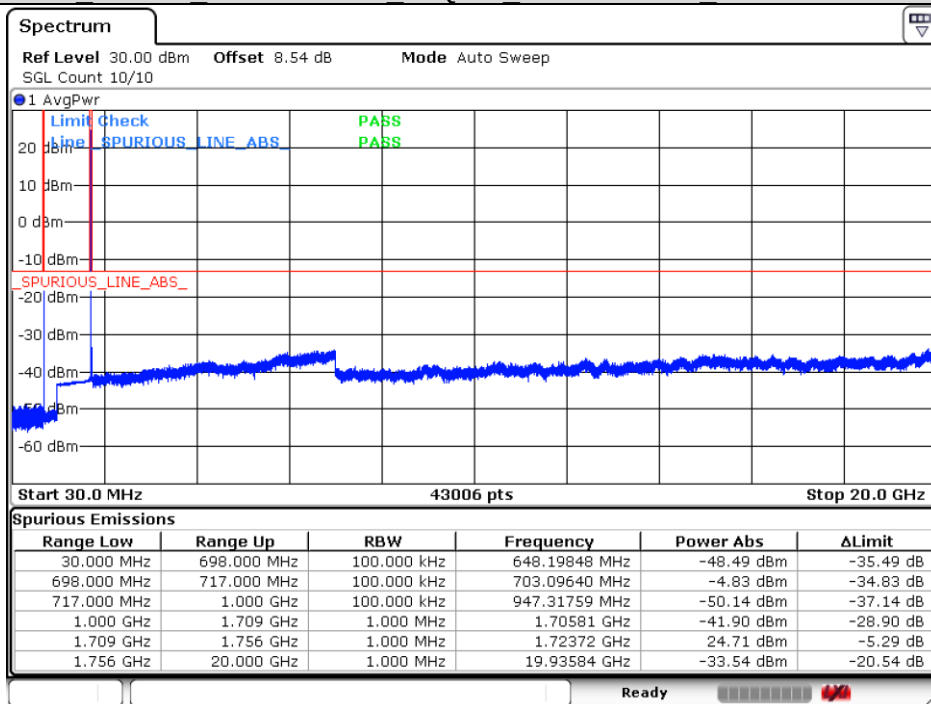
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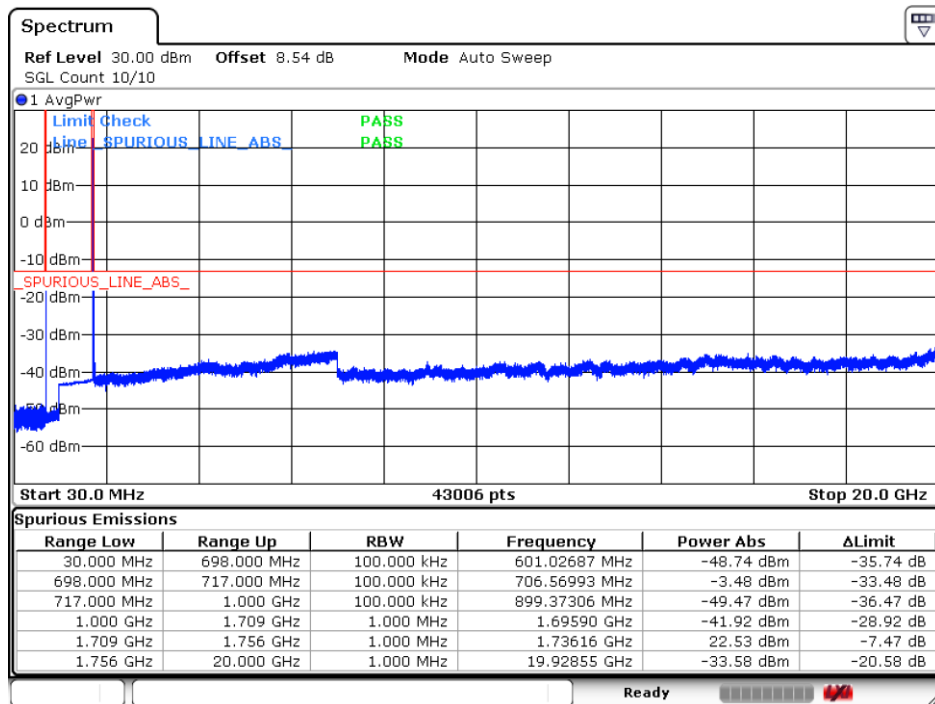
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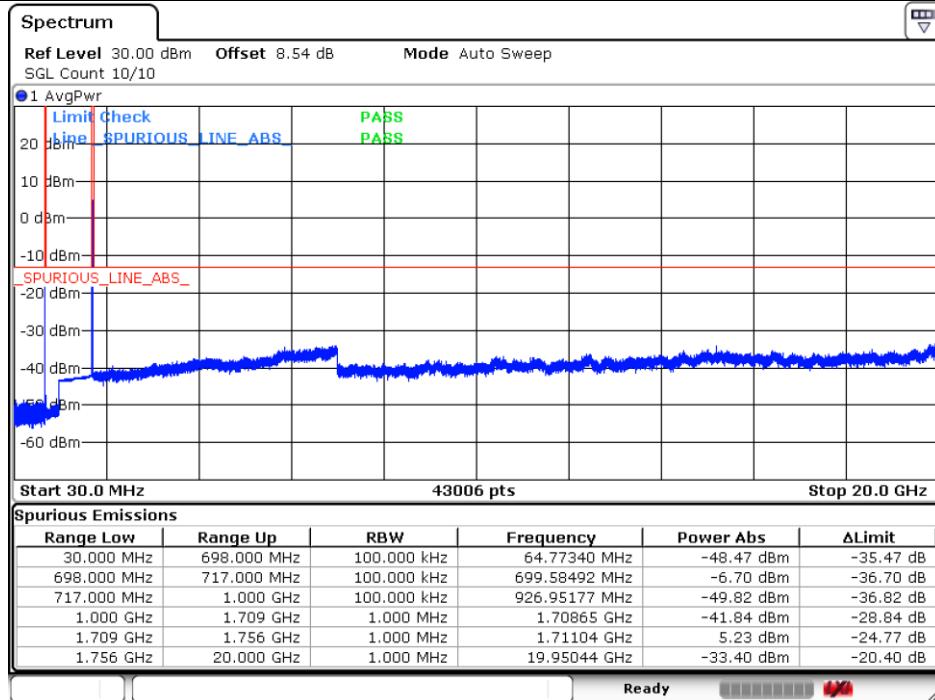
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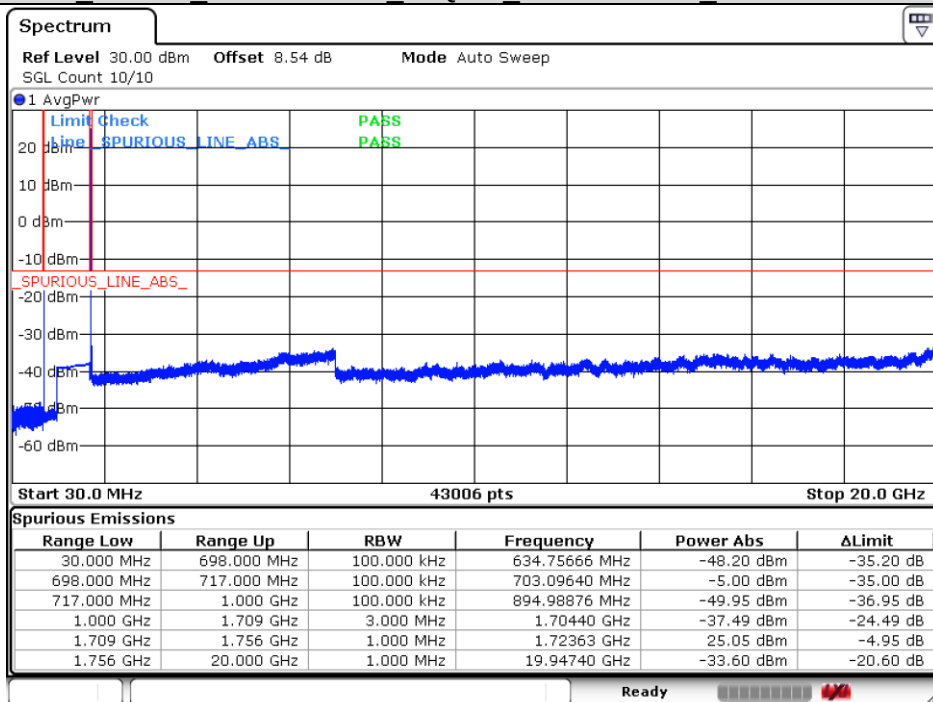
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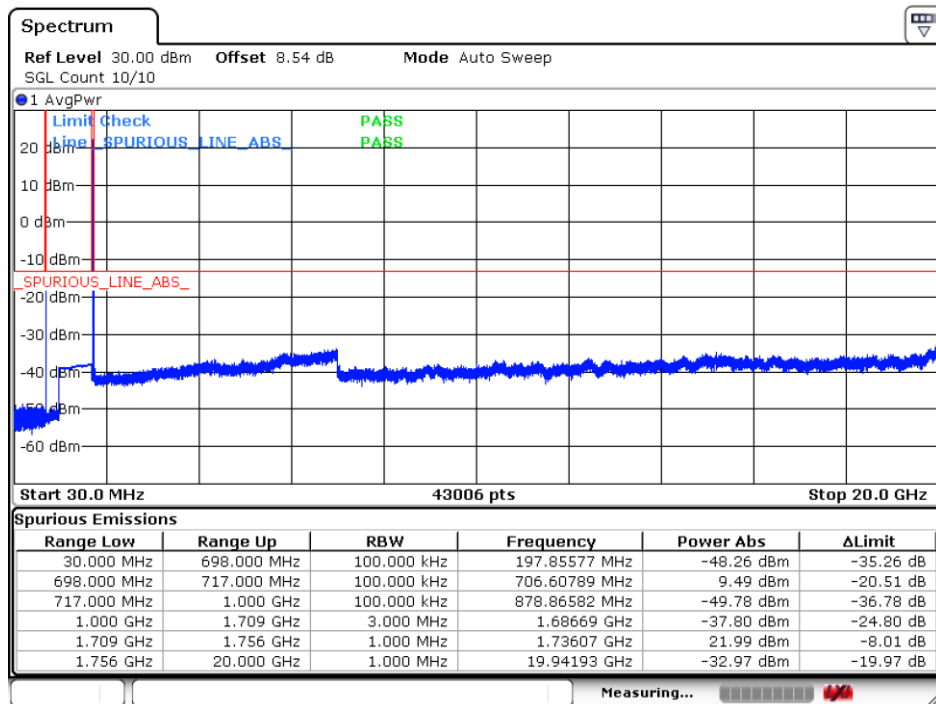


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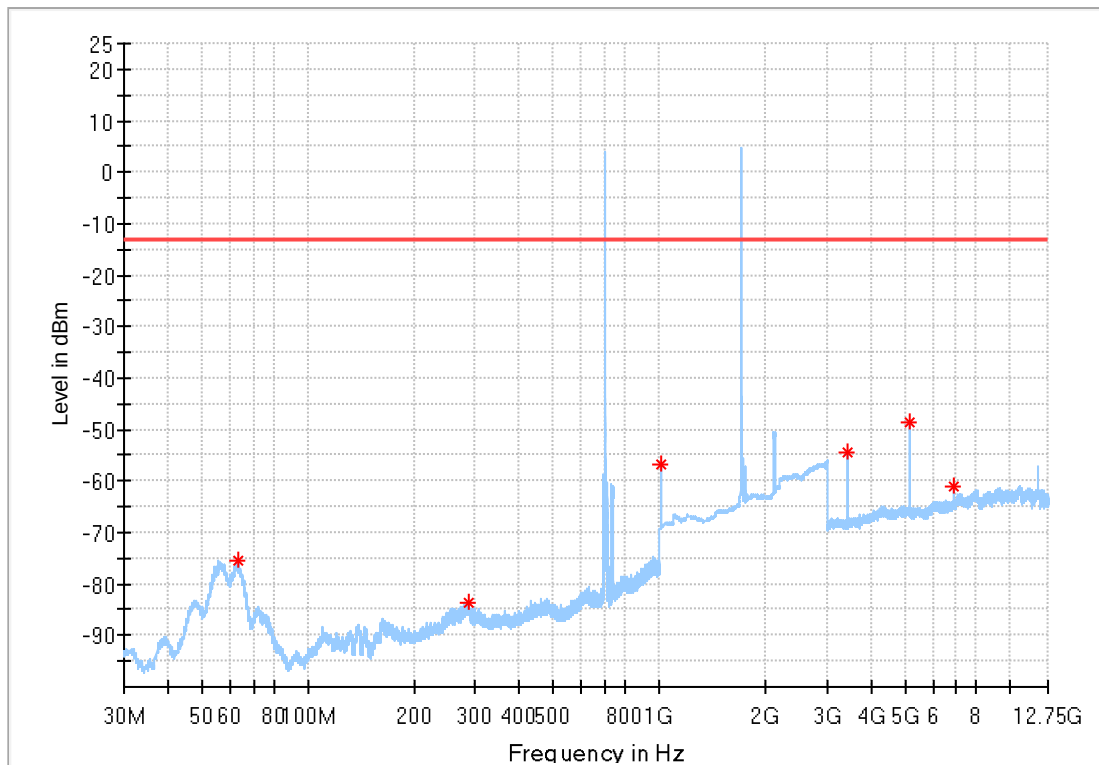


4. Field Strength of Spurious Radiation

4.1. Test Mode =LTE/TM1 20&10 MHz_Ant Down

4.1.1. Test Channel = LCH_Horizontal

Full Spectrum



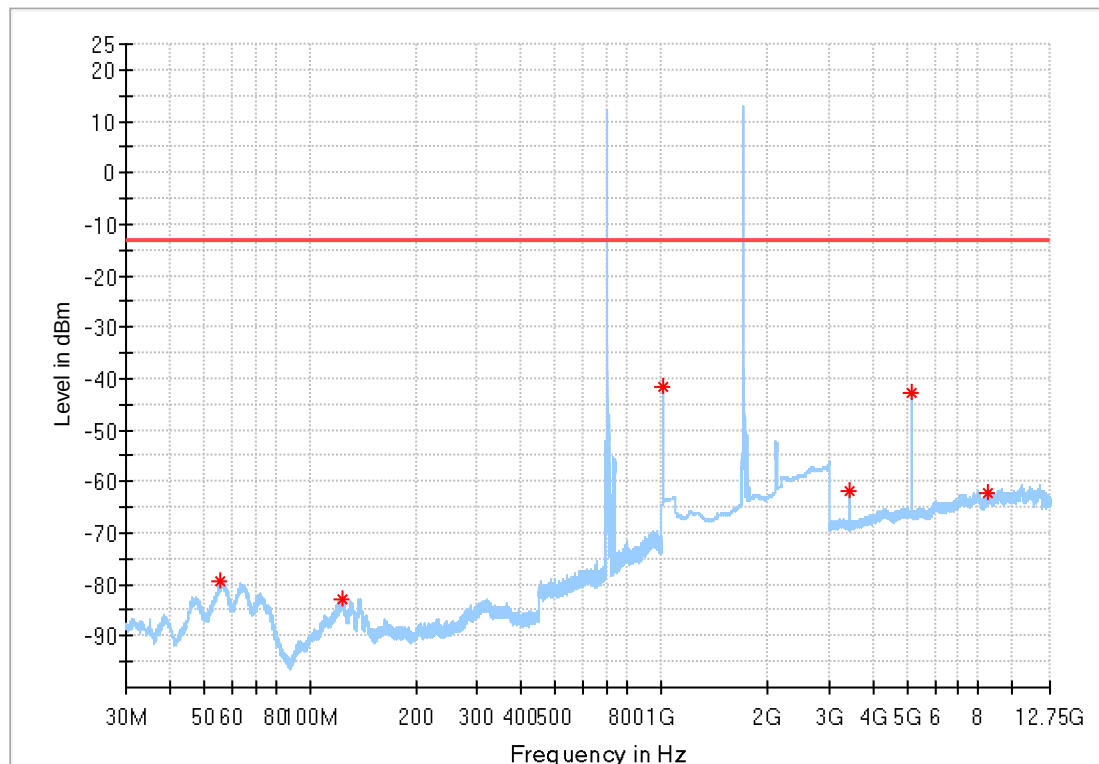
Critical_Freqs

Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
63.550000	-75.48	-13.00	62.48	---	---	125.0	H	356.0	-96.2
287.400000	-83.73	-13.00	70.73	---	---	185.0	H	356.0	-102.9
1011.000000	-56.91	-13.00	43.91	---	---	180.0	H	55.0	-91.0
3422.175000	-54.41	-13.00	41.41	---	---	240.0	H	46.0	-105.7
5132.975000	-48.65	-13.00	35.65	---	---	141.0	H	82.0	-101.8
6844.100000	-61.07	-13.00	48.07	---	---	226.0	H	332.0	-99.5



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)
55.800000	-79.51	-13.00	66.51	---	---	173.0	V	242.0	-101.7
123.900000	-83.04	-13.00	70.04	---	---	151.0	V	108.0	-103.3
1011.000000	-41.63	-13.00	28.63	---	---	154.0	V	249.0	-91.5
3422.175000	-61.96	-13.00	48.96	---	---	298.0	V	332.0	-105.5
5132.975000	-42.67	-13.00	29.67	---	---	142.0	V	358.0	-101.8
8521.100000	-62.06	-13.00	49.06	---	---	296.0	V	258.0	-98.2



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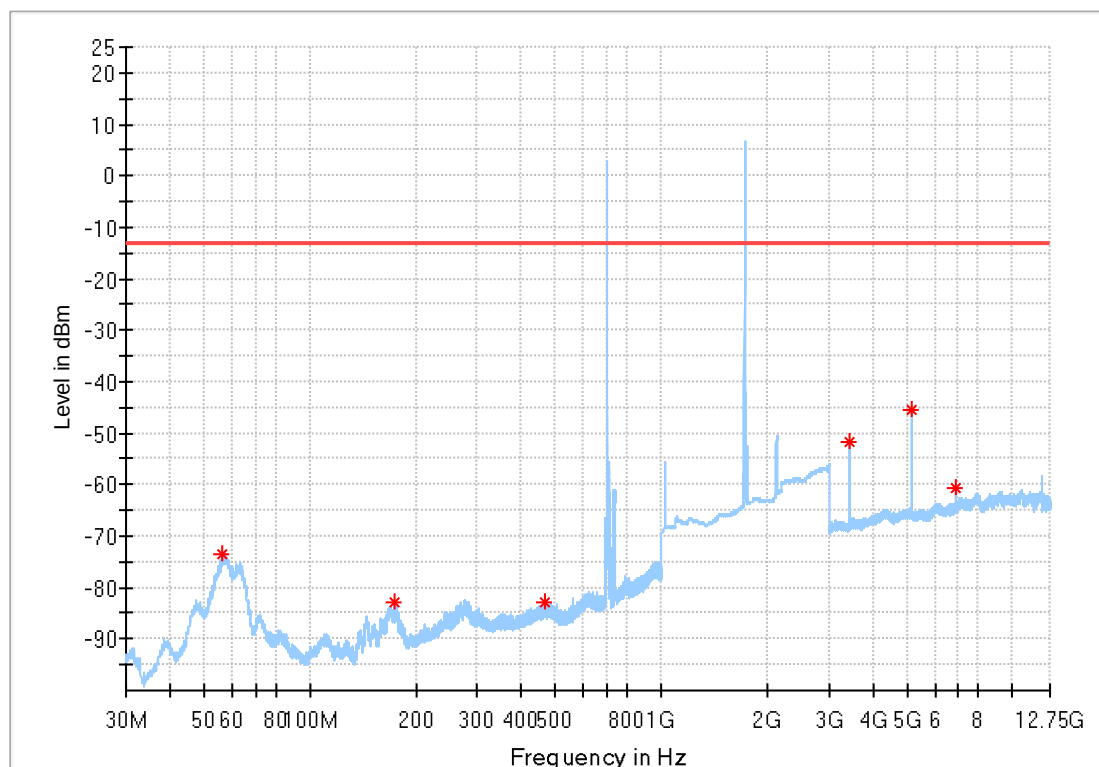
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4.1.3. Test Channel = MCH_Horizontal

Full Spectrum



Critical_Freqs

Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
56.600000	-73.33	-13.00	60.33	---	---	269.0	H	2.0	-96.7
173.650000	-82.96	-13.00	69.96	---	---	114.0	H	22.0	-107.1
464.025000	-82.97	-13.00	69.97	---	---	227.0	H	138.0	-101.2
3447.200000	-51.81	-13.00	38.81	---	---	105.0	H	345.0	-105.5
5170.675000	-45.57	-13.00	32.57	---	---	140.0	H	200.0	-101.8
6894.150000	-60.67	-13.00	47.67	---	---	218.0	H	332.0	-99.3

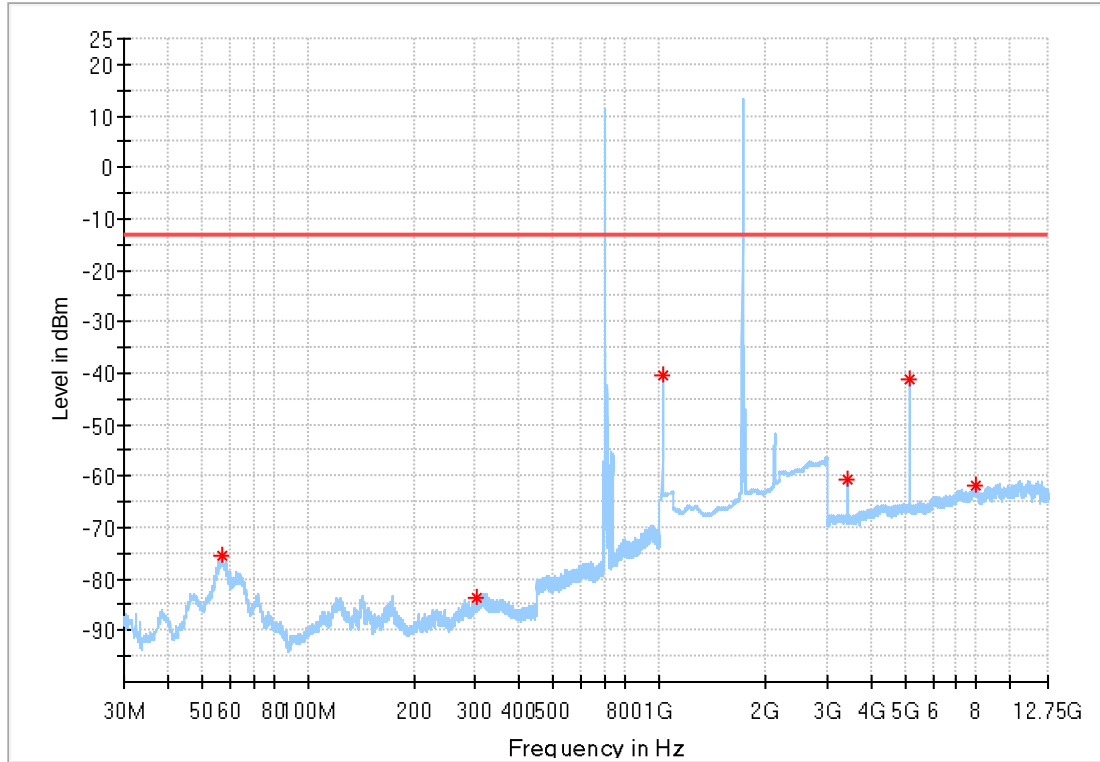


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4.1.4. Test Channel = MCH_Vertical

Full Spectrum



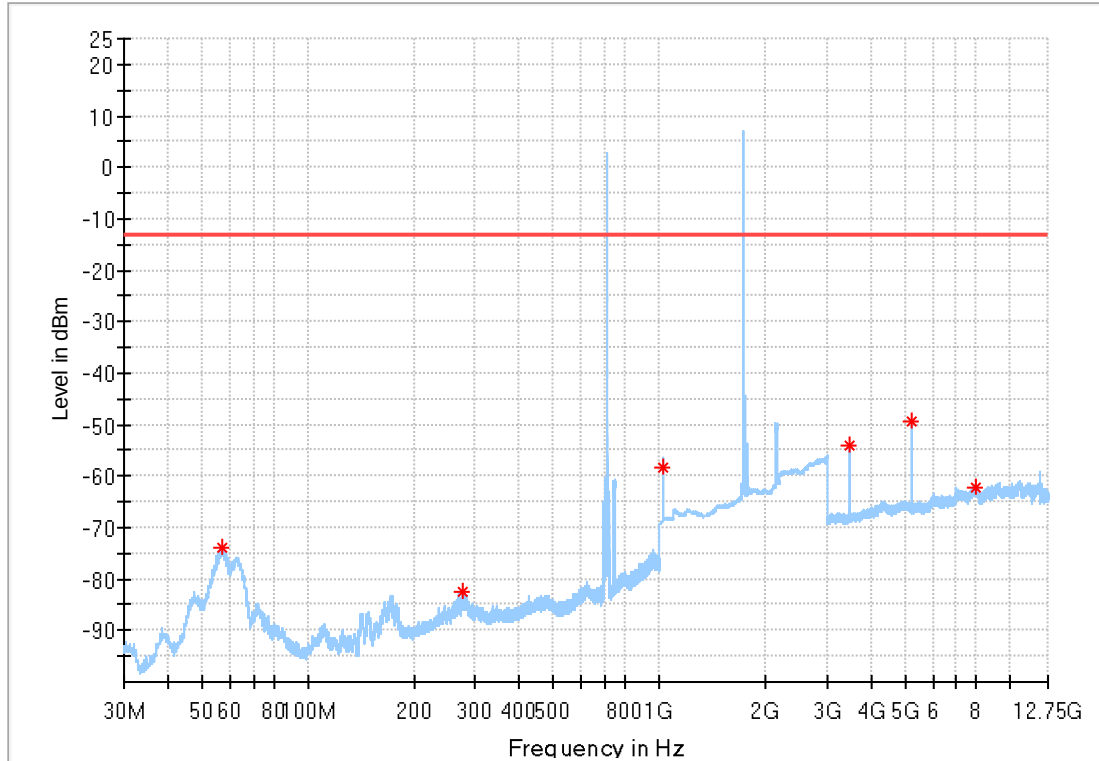
Critical_Freqs

Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
57.200000	-75.64	-13.00	62.64	---	---	167.0	V	272.0	-101.3
300.600000	-83.59	-13.00	70.59	---	---	260.0	V	195.0	-102.4
1020.500000	-40.30	-13.00	27.30	---	---	106.0	V	257.0	-90.9
3446.875000	-60.62	-13.00	47.62	---	---	297.0	V	9.0	-105.4
5170.675000	-41.09	-13.00	28.09	---	---	116.0	V	358.0	-101.9
7955.275000	-61.90	-13.00	48.90	---	---	207.0	V	270.0	-98.4



4.1.5. Test Channel = HCH_Horizontal

Full Spectrum



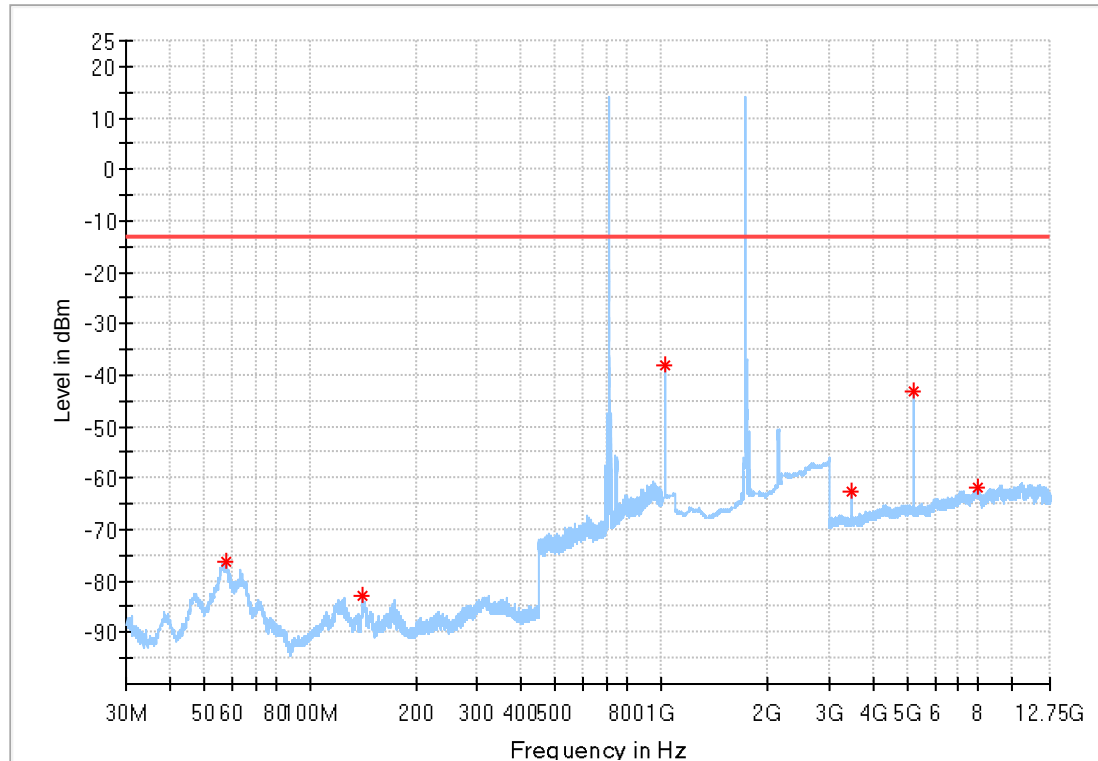
Critical_Freqs

Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
56.900000	-73.81	-13.00	60.81	---	---	235.0	H	319.0	-96.5
276.400000	-82.56	-13.00	69.56	---	---	147.0	H	186.0	-102.6
1029.000000	-58.15	-13.00	45.15	---	---	285.0	H	45.0	-90.3
3471.900000	-54.17	-13.00	41.17	---	---	167.0	H	344.0	-105.4
5208.375000	-49.34	-13.00	36.34	---	---	227.0	H	82.0	-101.9
7990.700000	-62.16	-13.00	49.16	---	---	277.0	H	0.0	-98.6



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)
57.900000	-76.37	-13.00	63.37	---	---	196.0	V	283.0	-101.3
141.450000	-82.78	-13.00	69.78	---	---	154.0	V	139.0	-109.1
1029.500000	-37.97	-13.00	24.97	---	---	298.0	V	258.0	-90.7
3471.900000	-62.47	-13.00	49.47	---	---	282.0	V	10.0	-105.4
5208.375000	-43.03	-13.00	30.03	---	---	281.0	V	359.0	-101.9
7953.975000	-61.92	-13.00	48.92	---	---	103.0	V	33.0	-98.4

Remark:

1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions



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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

