

Appendix B

E-UTRA Band CA_4A-5A



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1 Effective (Isotropic) Radiated Power Output Data

1.1.1. Max Power Test Result for LTE Band CA_4A-5A

PCC

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	15MHz	QPSK	20025	1RB#0	22.04	26.04	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.44	26.44	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.40	26.4	30	PASS
Band4	15MHz	QPSK	20025	36RB#39	21.47	25.47	30	PASS
Band4	15MHz	QPSK	20025	36RB#18	21.33	25.33	30	PASS
Band4	15MHz	QPSK	20025	36RB#0	21.56	25.56	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.57	25.57	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.34	26.34	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.53	26.53	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.22	26.22	30	PASS
Band4	15MHz	QPSK	20175	36RB#0	21.45	25.45	30	PASS
Band4	15MHz	QPSK	20175	36RB#39	21.49	25.49	30	PASS
Band4	15MHz	QPSK	20175	36RB#18	21.68	25.68	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.64	25.64	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.50	26.5	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.47	26.47	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.49	26.49	30	PASS
Band4	15MHz	QPSK	20325	36RB#39	21.67	25.67	30	PASS
Band4	15MHz	QPSK	20325	36RB#0	21.39	25.39	30	PASS
Band4	15MHz	QPSK	20325	36RB#18	21.54	25.54	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.64	25.64	30	PASS
Band4	15MHz	64QAM	20025	1RB#74	21.86	25.86	30	PASS
Band4	15MHz	64QAM	20025	1RB#38	22.01	26.01	30	PASS
Band4	15MHz	64QAM	20025	1RB#0	21.86	25.86	30	PASS
Band4	15MHz	64QAM	20025	36RB#0	20.96	24.96	30	PASS
Band4	15MHz	64QAM	20025	36RB#18	20.97	24.97	30	PASS
Band4	15MHz	64QAM	20025	36RB#39	20.88	24.88	30	PASS

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Band4	15MHz	64QAM	20025	75RB#0	20.77	24.77	30	PASS
Band4	15MHz	64QAM	20175	1RB#0	22.03	26.03	30	PASS
Band4	15MHz	64QAM	20175	1RB#38	21.97	25.97	30	PASS
Band4	15MHz	64QAM	20175	1RB#74	22.00	26	30	PASS
Band4	15MHz	64QAM	20175	36RB#0	20.82	24.82	30	PASS
Band4	15MHz	64QAM	20175	36RB#18	20.90	24.9	30	PASS
Band4	15MHz	64QAM	20175	36RB#39	20.87	24.87	30	PASS
Band4	15MHz	64QAM	20175	75RB#0	20.92	24.92	30	PASS
Band4	15MHz	64QAM	20325	1RB#38	21.88	25.88	30	PASS
Band4	15MHz	64QAM	20325	1RB#74	22.13	26.13	30	PASS
Band4	15MHz	64QAM	20325	1RB#0	22.13	26.13	30	PASS
Band4	15MHz	64QAM	20325	36RB#0	20.74	24.74	30	PASS
Band4	15MHz	64QAM	20325	36RB#18	20.77	24.77	30	PASS
Band4	15MHz	64QAM	20325	36RB#39	20.93	24.93	30	PASS
Band4	15MHz	64QAM	20325	75RB#0	21.04	25.04	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.39	25.39	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.72	25.72	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.65	25.65	30	PASS
Band4	15MHz	16QAM	20025	36RB#0	20.45	24.45	30	PASS
Band4	15MHz	16QAM	20025	36RB#18	20.46	24.46	30	PASS
Band4	15MHz	16QAM	20025	36RB#39	20.38	24.38	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.55	24.55	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.89	25.89	30	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.70	25.7	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.68	25.68	30	PASS
Band4	15MHz	16QAM	20175	36RB#0	20.57	24.57	30	PASS
Band4	15MHz	16QAM	20175	36RB#18	20.62	24.62	30	PASS
Band4	15MHz	16QAM	20175	36RB#39	20.49	24.49	30	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.53	24.53	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.71	25.71	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.66	25.66	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.92	25.92	30	PASS
Band4	15MHz	16QAM	20325	36RB#39	20.55	24.55	30	PASS

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Band4	15MHz	16QAM	20325	36RB#0	20.61	24.61	30	PASS
Band4	15MHz	16QAM	20325	36RB#18	20.51	24.51	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.63	24.63	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.34	26.34	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.50	26.5	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.36	26.36	30	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.49	25.49	30	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.32	25.32	30	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.62	25.62	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.38	25.38	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.67	26.67	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.16	26.16	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.43	26.43	30	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.37	25.37	30	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.31	25.31	30	PASS
Band4	20MHz	QPSK	20175	50RB#50	21.71	25.71	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.48	25.48	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.50	26.5	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.20	26.2	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.46	26.46	30	PASS
Band4	20MHz	QPSK	20300	50RB#25	21.44	25.44	30	PASS
Band4	20MHz	QPSK	20300	50RB#50	21.62	25.62	30	PASS
Band4	20MHz	QPSK	20300	50RB#0	21.31	25.31	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.73	25.73	30	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.57	25.57	30	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.88	25.88	30	PASS
Band4	20MHz	64QAM	20050	1RB#99	22.00	26	30	PASS
Band4	20MHz	64QAM	20050	50RB#0	21.08	25.08	30	PASS
Band4	20MHz	64QAM	20050	50RB#25	20.77	24.77	30	PASS
Band4	20MHz	64QAM	20050	50RB#50	21.00	25	30	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.89	24.89	30	PASS
Band4	20MHz	64QAM	20175	1RB#99	21.97	25.97	30	PASS
Band4	20MHz	64QAM	20175	1RB#0	21.92	25.92	30	PASS

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Band4	20MHz	64QAM	20175	1RB#49	22.11	26.11	30	PASS
Band4	20MHz	64QAM	20175	50RB#25	20.87	24.87	30	PASS
Band4	20MHz	64QAM	20175	50RB#50	21.15	25.15	30	PASS
Band4	20MHz	64QAM	20175	50RB#0	20.92	24.92	30	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.95	24.95	30	PASS
Band4	20MHz	64QAM	20300	1RB#49	22.00	26	30	PASS
Band4	20MHz	64QAM	20300	1RB#99	21.98	25.98	30	PASS
Band4	20MHz	64QAM	20300	1RB#0	22.21	26.21	30	PASS
Band4	20MHz	64QAM	20300	50RB#50	20.84	24.84	30	PASS
Band4	20MHz	64QAM	20300	50RB#0	20.93	24.93	30	PASS
Band4	20MHz	64QAM	20300	50RB#25	21.10	25.1	30	PASS
Band4	20MHz	64QAM	20300	100RB#0	20.92	24.92	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.57	25.57	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.69	25.69	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.62	25.62	30	PASS
Band4	20MHz	16QAM	20050	50RB#0	20.58	24.58	30	PASS
Band4	20MHz	16QAM	20050	50RB#25	20.55	24.55	30	PASS
Band4	20MHz	16QAM	20050	50RB#50	20.33	24.33	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.45	24.45	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.96	25.96	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.55	25.55	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.62	25.62	30	PASS
Band4	20MHz	16QAM	20175	50RB#25	20.65	24.65	30	PASS
Band4	20MHz	16QAM	20175	50RB#0	20.62	24.62	30	PASS
Band4	20MHz	16QAM	20175	50RB#50	20.48	24.48	30	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.35	24.35	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.68	25.68	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.83	25.83	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.82	25.82	30	PASS
Band4	20MHz	16QAM	20300	50RB#50	20.53	24.53	30	PASS
Band4	20MHz	16QAM	20300	50RB#25	20.63	24.63	30	PASS
Band4	20MHz	16QAM	20300	50RB#0	20.44	24.44	30	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.33	24.33	30	PASS

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Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	10MHz	QPSK	20450	1RB#0	22.54	23.39	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.45	23.3	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.52	23.37	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.53	22.38	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.44	22.29	38.45	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.48	22.33	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.63	22.48	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.40	23.25	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.74	23.59	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.25	23.1	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#0	21.74	22.59	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.54	22.39	38.45	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.66	22.51	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.56	22.41	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.42	23.27	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.48	23.33	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.19	23.04	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.56	22.41	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.57	22.42	38.45	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.62	22.47	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.44	22.29	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	22.13	22.98	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	21.80	22.65	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	21.87	22.72	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#25	21.02	21.87	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#0	21.05	21.9	38.45	PASS
Band5	10MHz	64QAM	20450	25RB#12	20.93	21.78	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	20.99	21.84	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#0	22.01	22.86	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	22.05	22.9	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	22.17	23.02	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#0	21.17	22.02	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#12	21.02	21.87	38.45	PASS
Band5	10MHz	64QAM	20525	25RB#25	21.09	21.94	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	21.04	21.89	38.45	PASS

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Band5	10MHz	64QAM	20600	1RB#49	21.92	22.77	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	22.26	23.11	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	21.89	22.74	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#0	20.83	21.68	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#25	20.79	21.64	38.45	PASS
Band5	10MHz	64QAM	20600	25RB#12	20.75	21.6	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.93	21.78	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.65	22.5	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.81	22.66	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.87	22.72	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.33	21.18	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.54	21.39	38.45	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.45	21.3	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.65	21.5	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.55	22.4	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.73	22.58	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.63	22.48	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.46	21.31	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.77	21.62	38.45	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.34	21.19	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.63	21.48	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.88	22.73	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.72	22.57	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.59	22.44	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.39	21.24	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.32	21.17	38.45	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.44	21.29	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.54	21.39	38.45	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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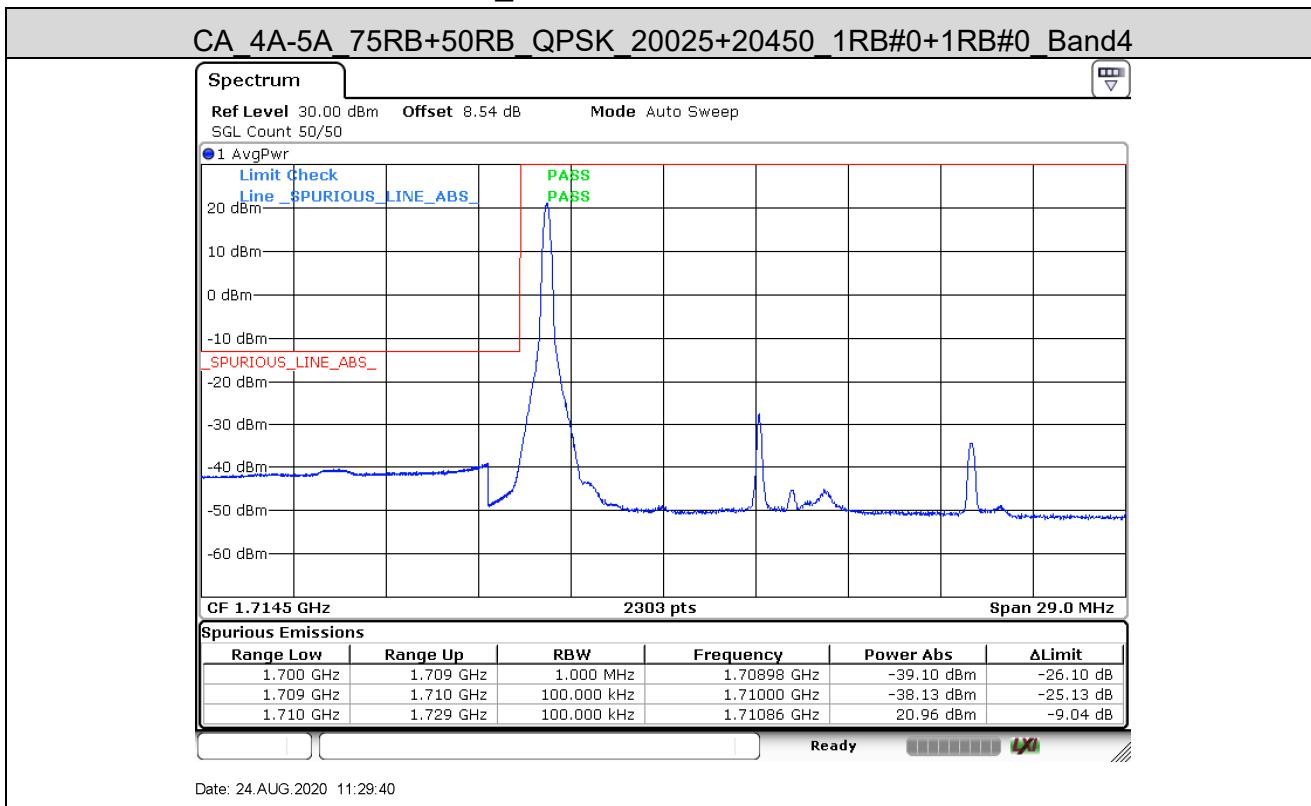
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2 Band Edges Compliance

1.1.2. For LTE

2.1.1 Test Band = LTE Band CA_4A-5A



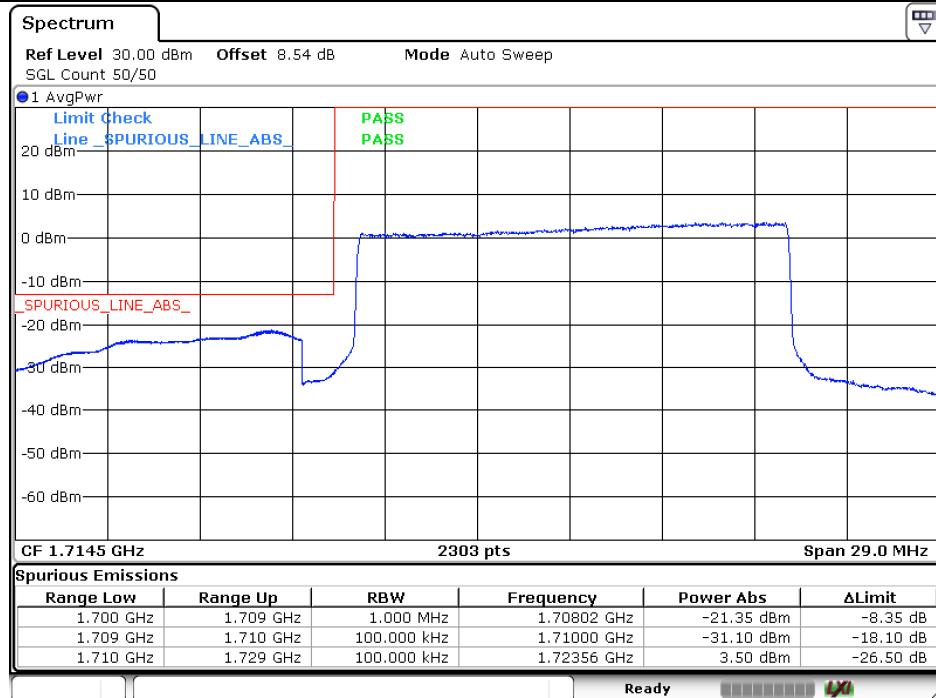
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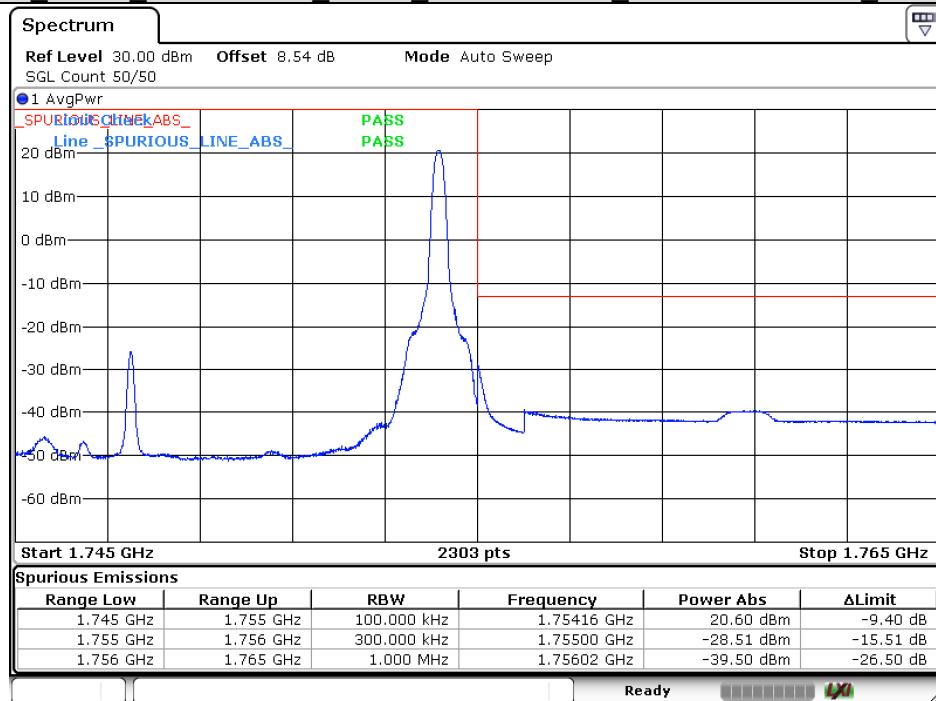


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Date: 24.AUG.2020 11:17:46

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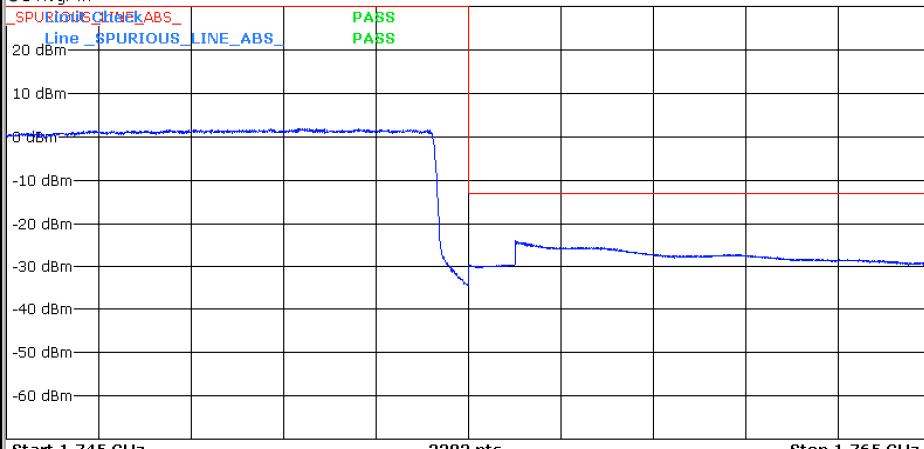


CA_4A-5A_75RB+50RB_QPSK_20325+20600_75RB#0+50RB#0_Band4

Spectrum

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

1 AvgPwr



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75152 GHz	1.79 dBm	-28.21 dB
1.755 GHz	1.756 GHz	300.000 kHz	1.75595 GHz	-29.49 dBm	-16.49 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75602 GHz	-24.03 dBm	-11.03 dB

Ready

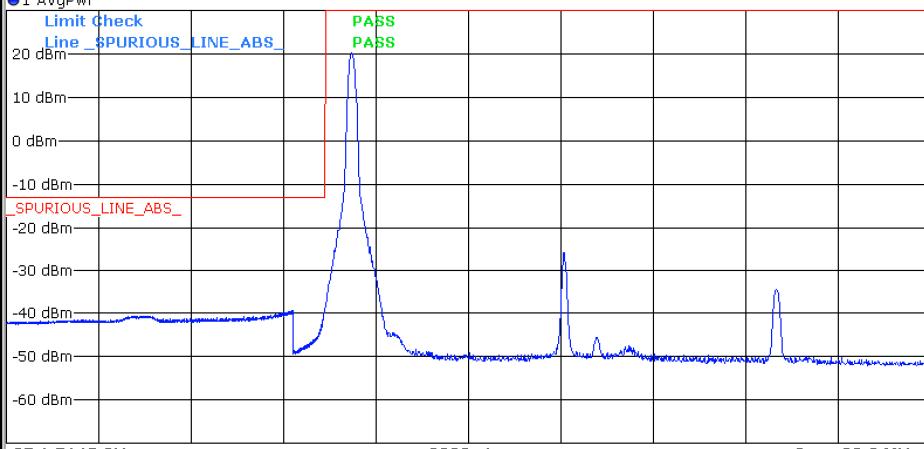
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Spectrum

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

1 AvgPwr



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70898 GHz	-39.29 dBm	-26.29 dB
1.709 GHz	1.710 GHz	100.000 kHz	1.71000 GHz	-38.78 dBm	-25.78 dB
1.710 GHz	1.729 GHz	100.000 kHz	1.71083 GHz	20.21 dBm	-9.79 dB

Ready

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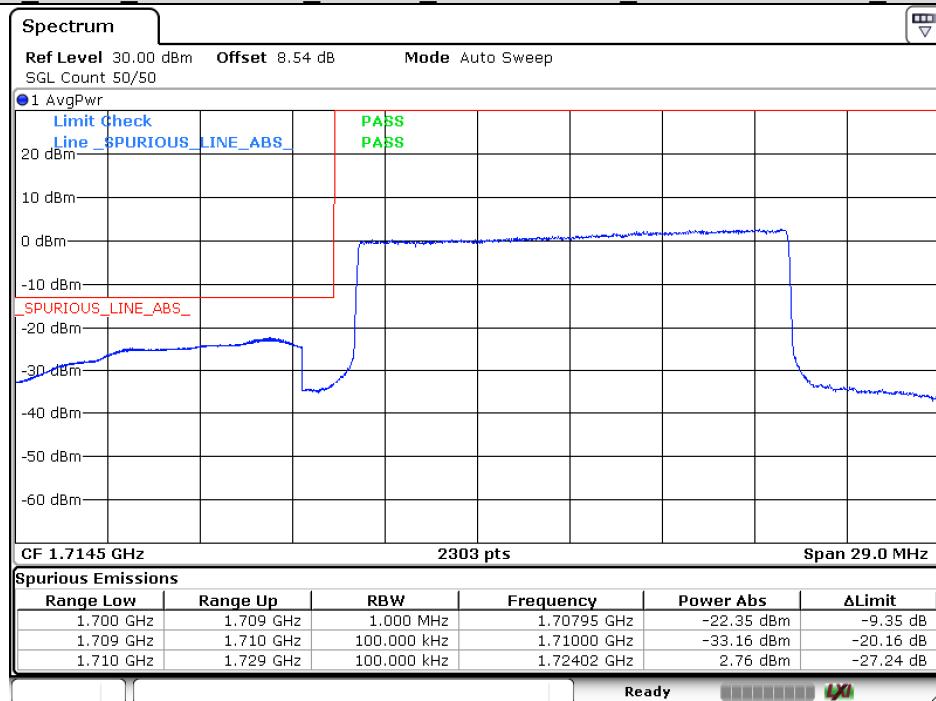
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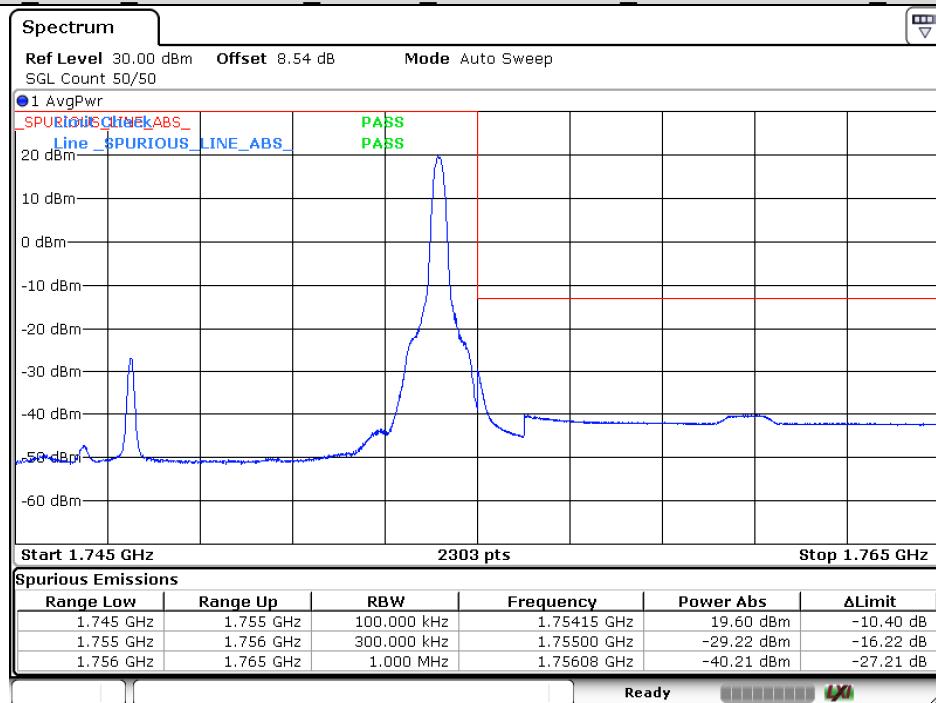


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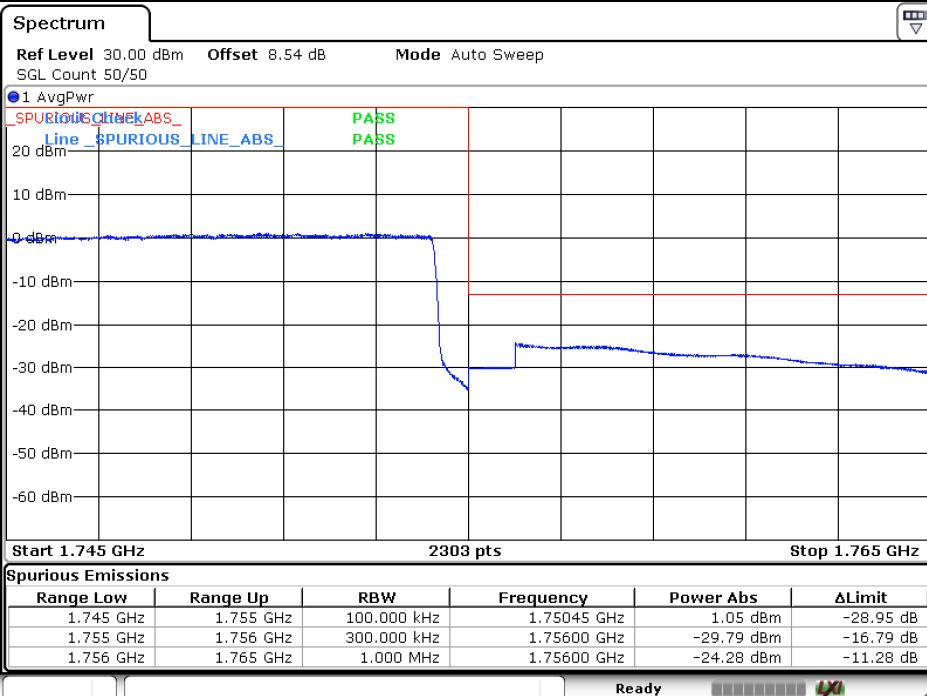
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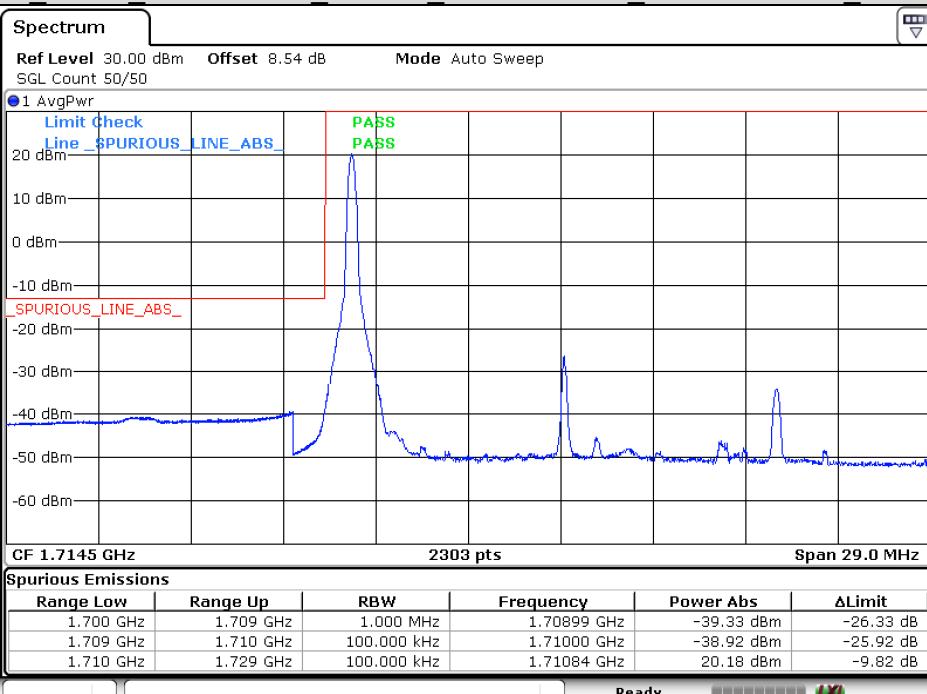


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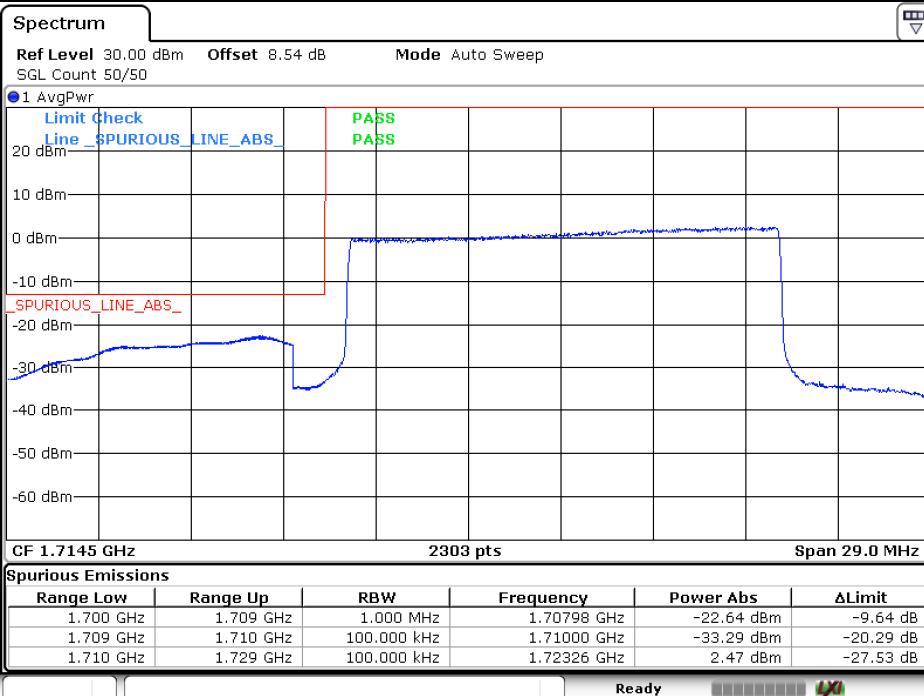
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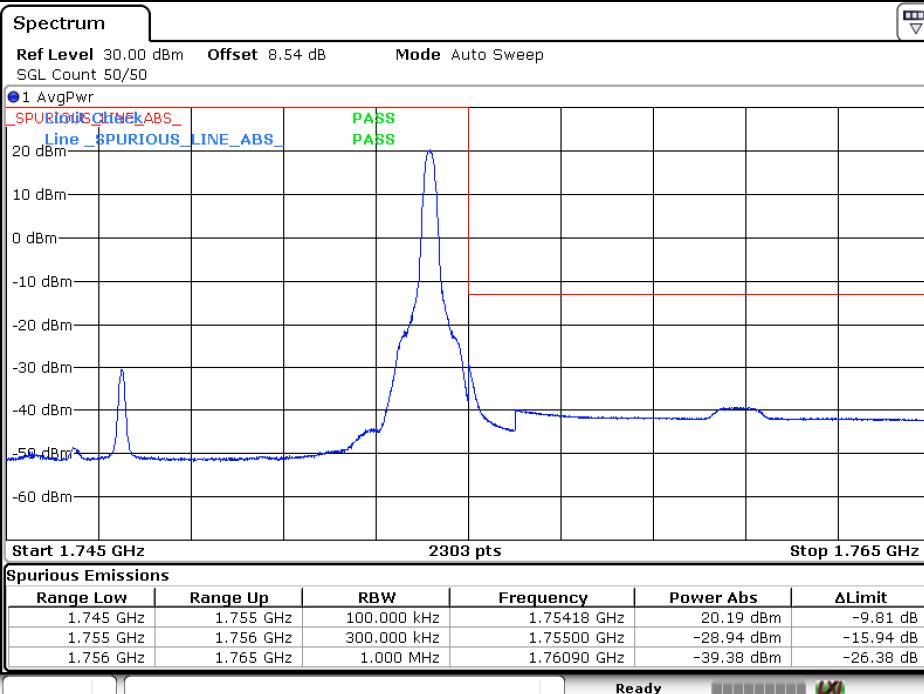


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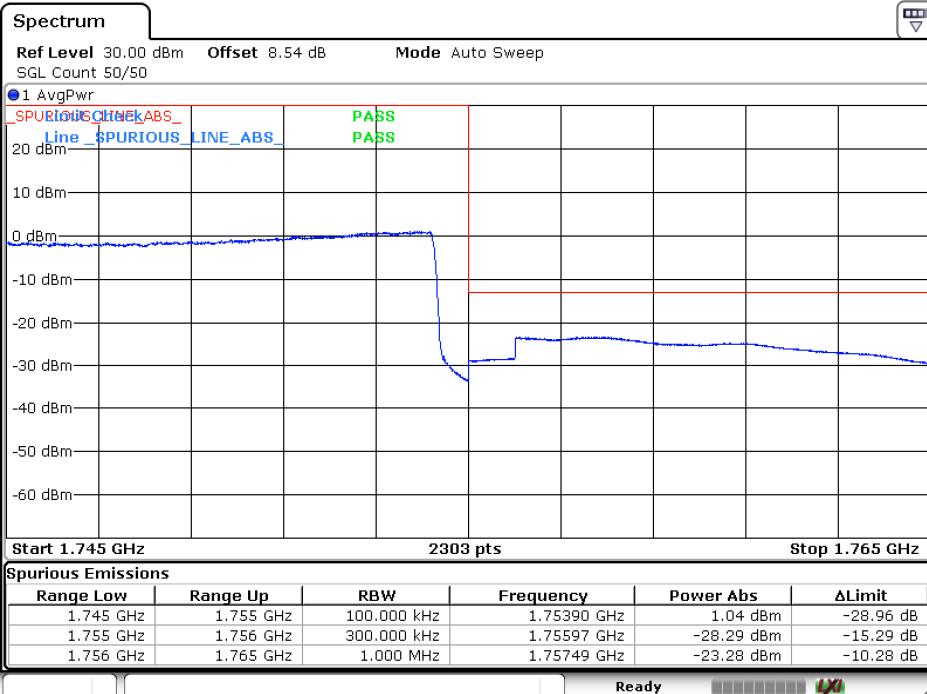


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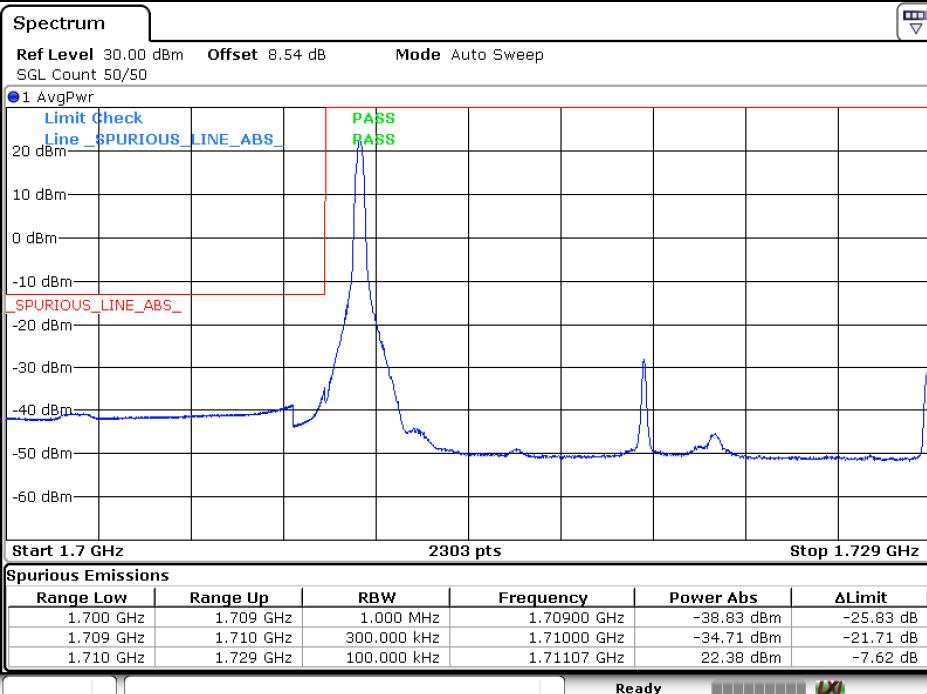


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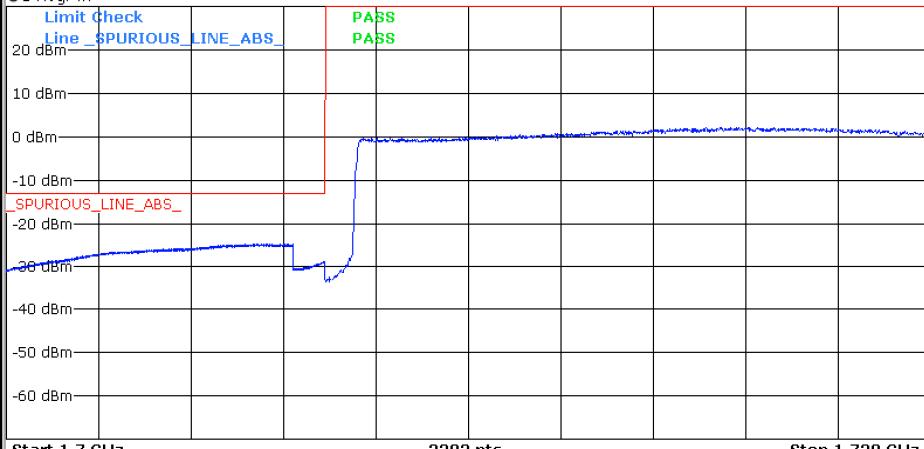


CA_4A-5A_100RB+50RB_QPSK_20050+20450_100RB#0+50RB#0_Band4

Spectrum

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

1 AvgPwr



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.700 GHz	1.709 GHz	1.000 MHz	1.70899 GHz	-24.68 dBm	-11.68 dB
1.709 GHz	1.710 GHz	300.000 kHz	1.70999 GHz	-28.75 dBm	-15.75 dB
1.710 GHz	1.729 GHz	100.000 kHz	1.72271 GHz	2.13 dBm	-27.87 dB

Ready



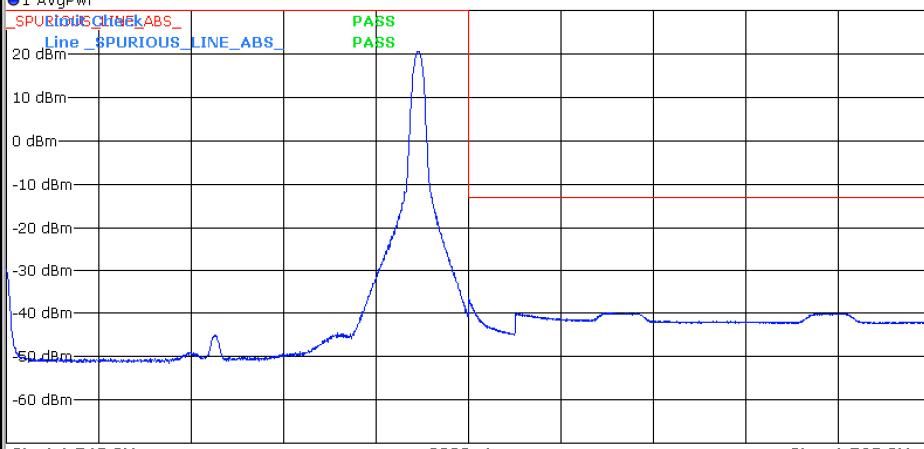
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Spectrum

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

1 AvgPwr



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
1.745 GHz	1.755 GHz	100.000 kHz	1.75392 GHz	20.60 dBm	-9.40 dB
1.755 GHz	1.756 GHz	300.000 kHz	1.75500 GHz	-36.52 dBm	-23.52 dB
1.756 GHz	1.765 GHz	1.000 MHz	1.75801 GHz	-39.96 dBm	-26.96 dB

Ready



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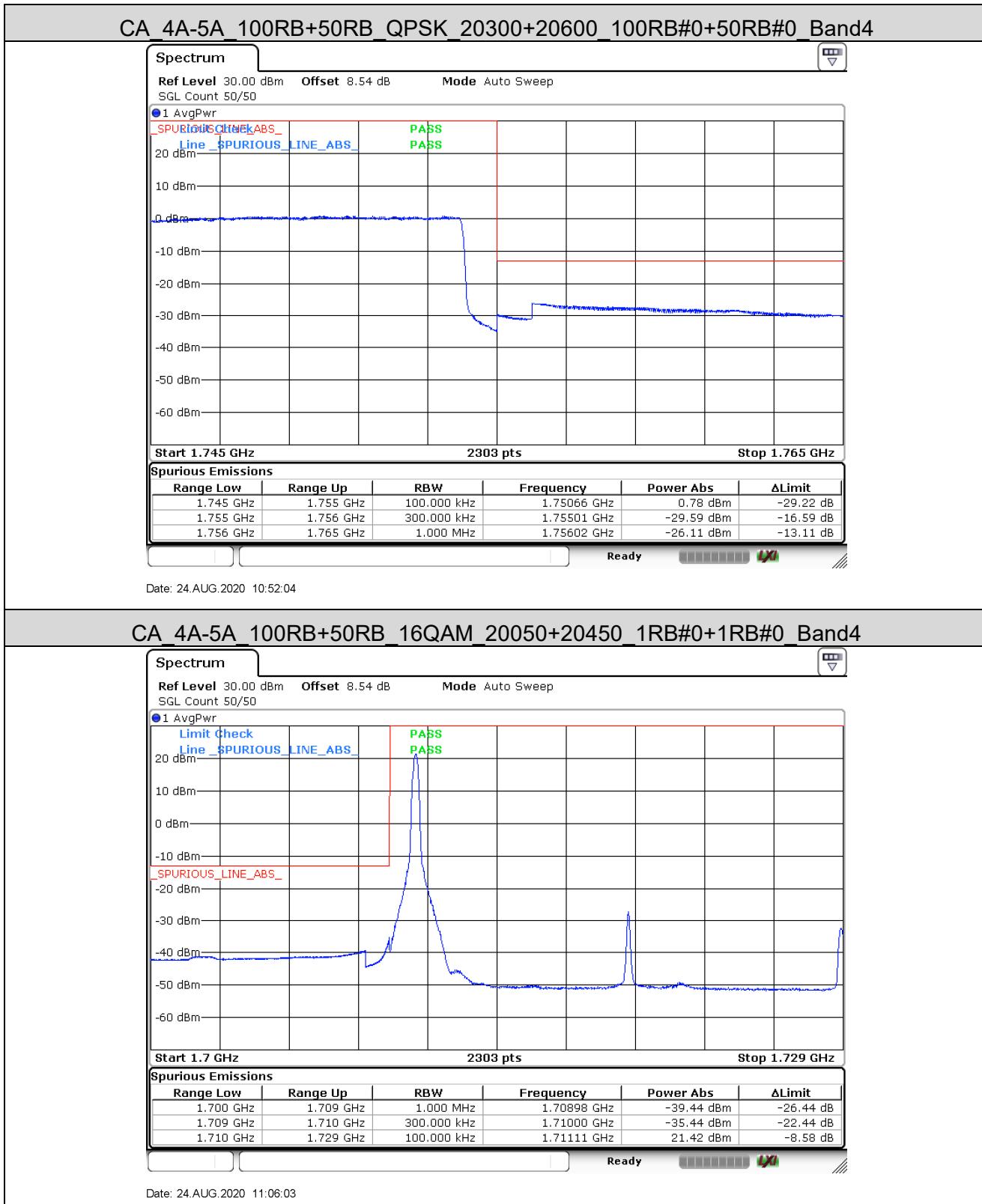
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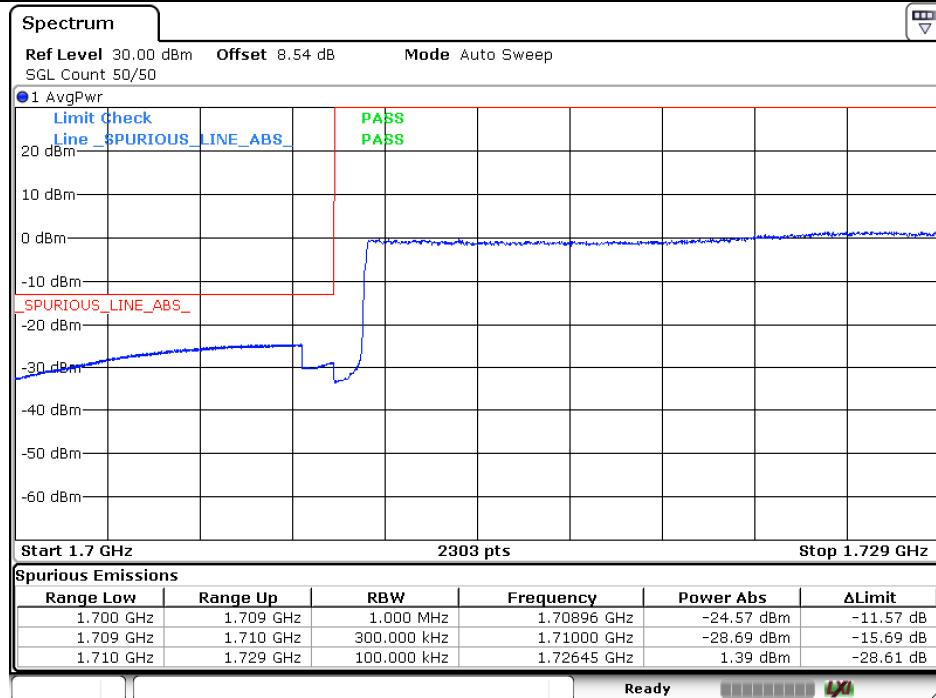
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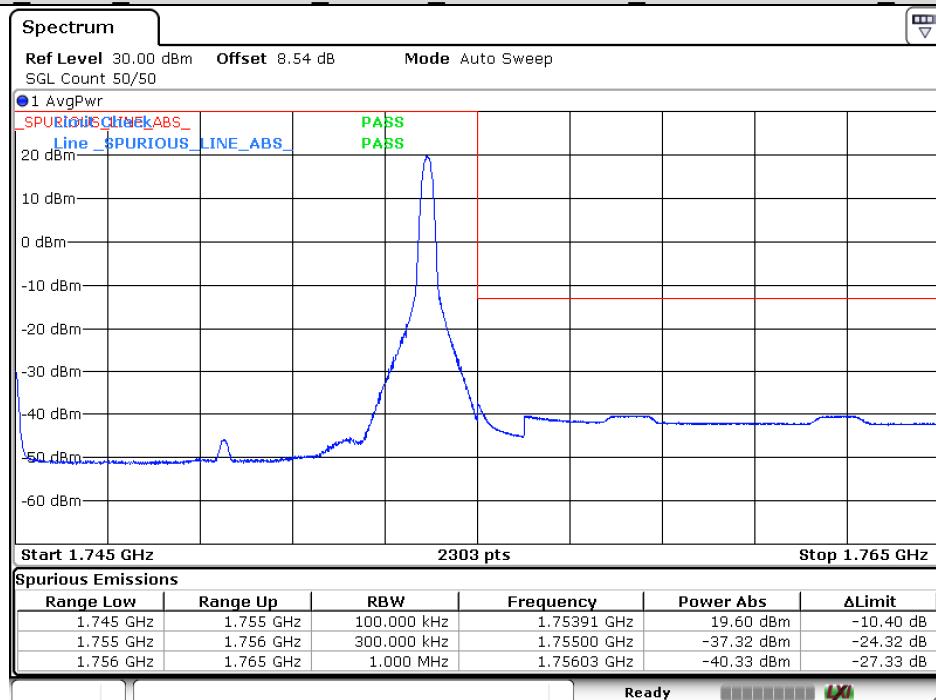


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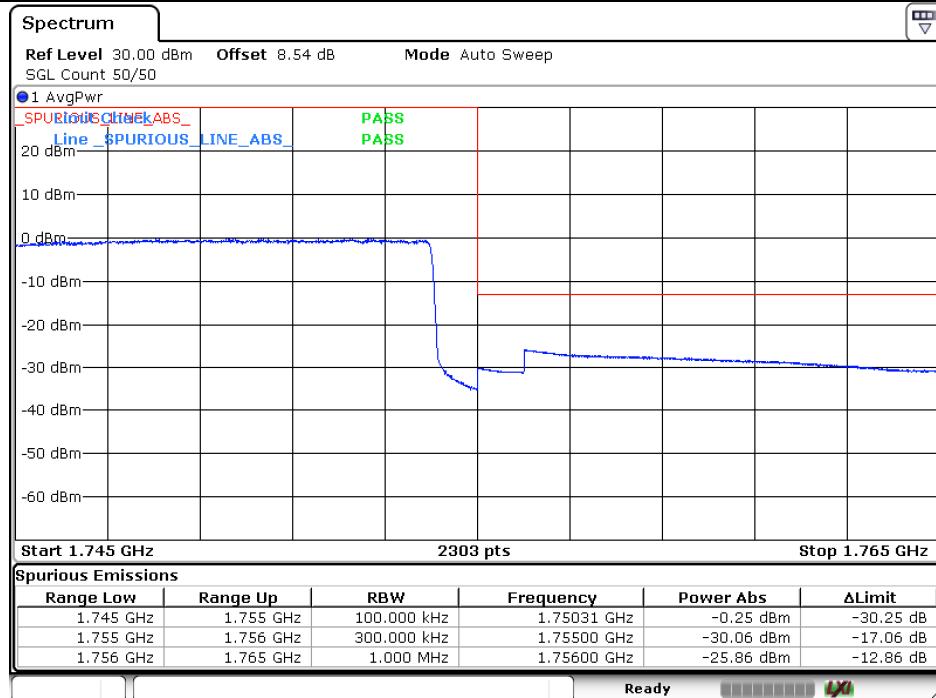
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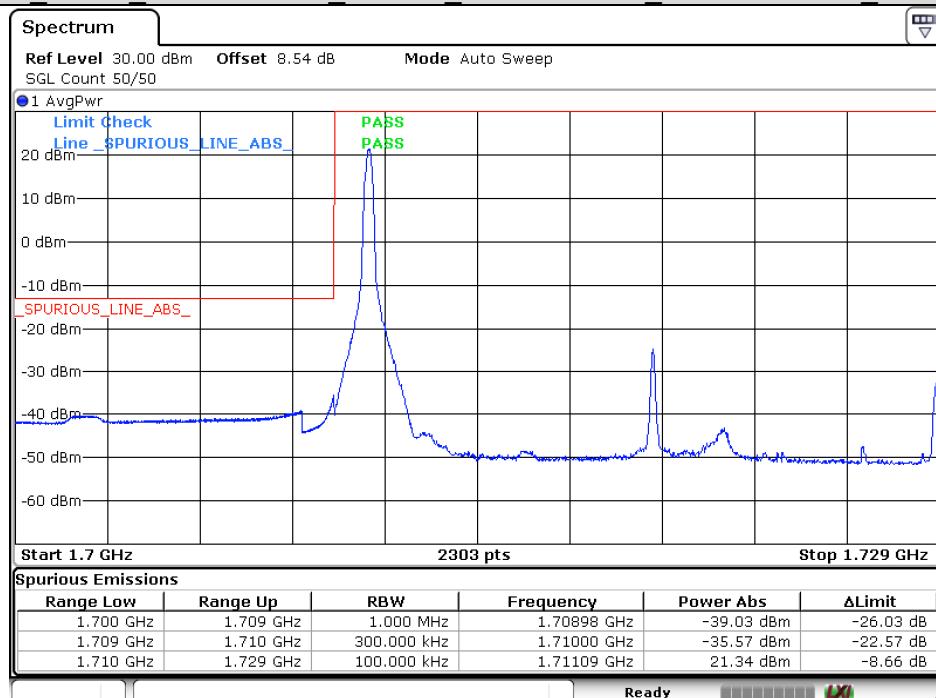


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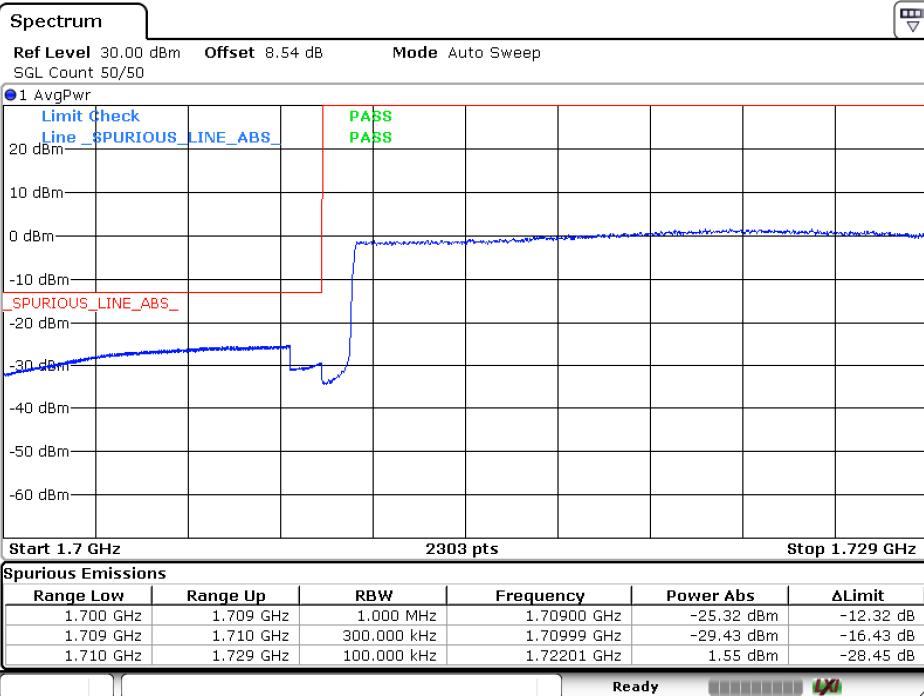
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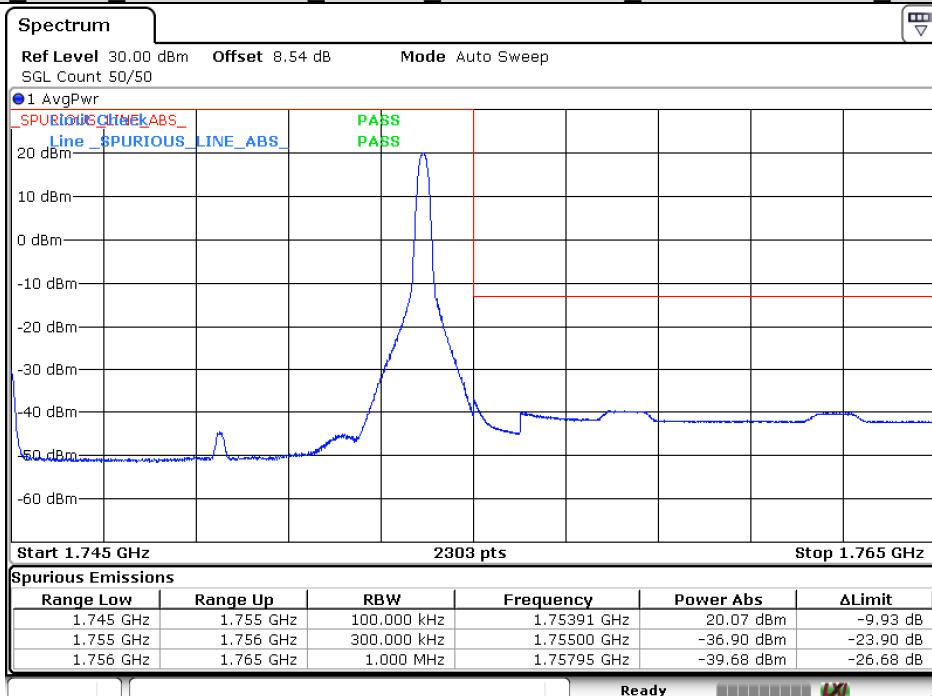


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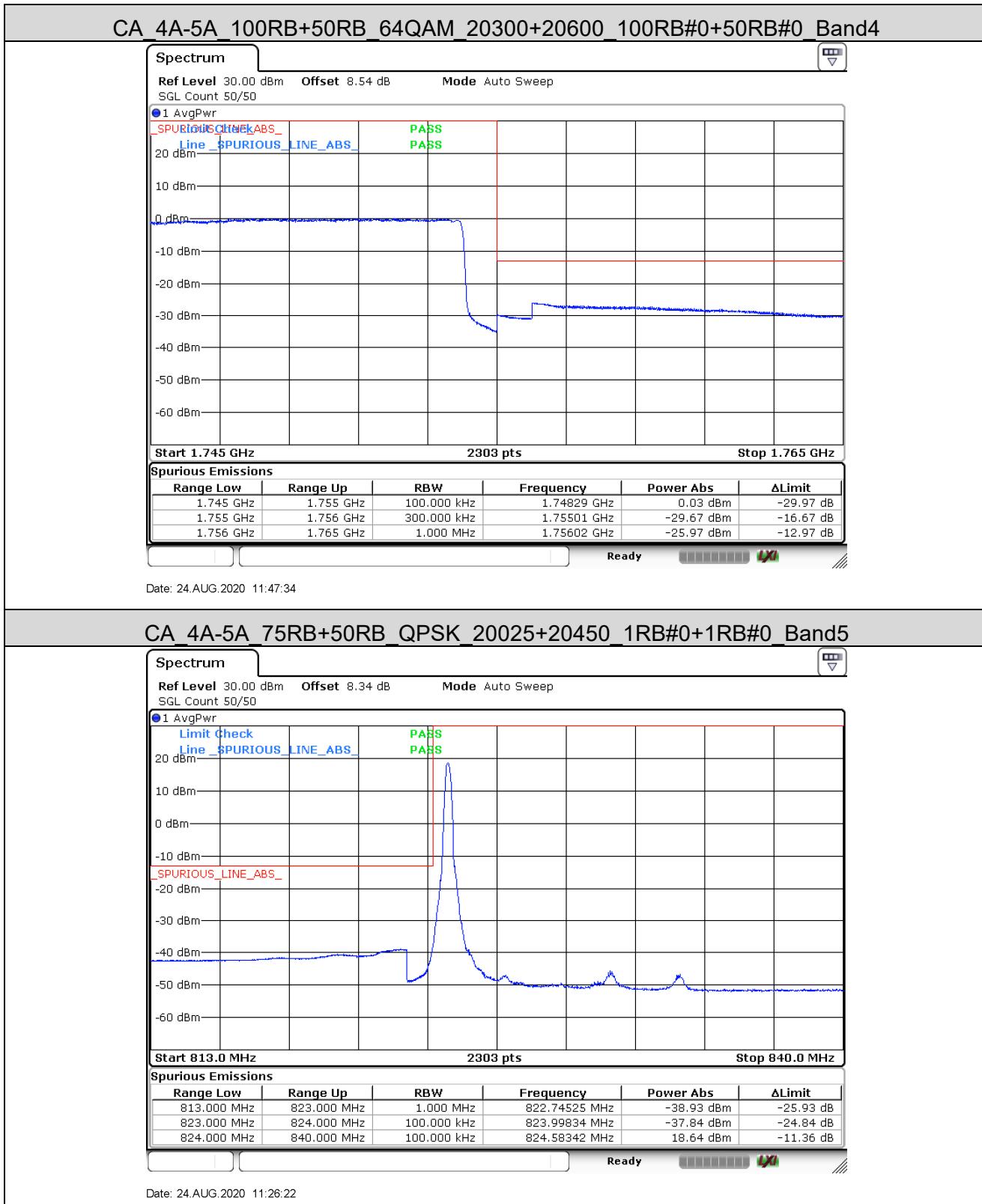
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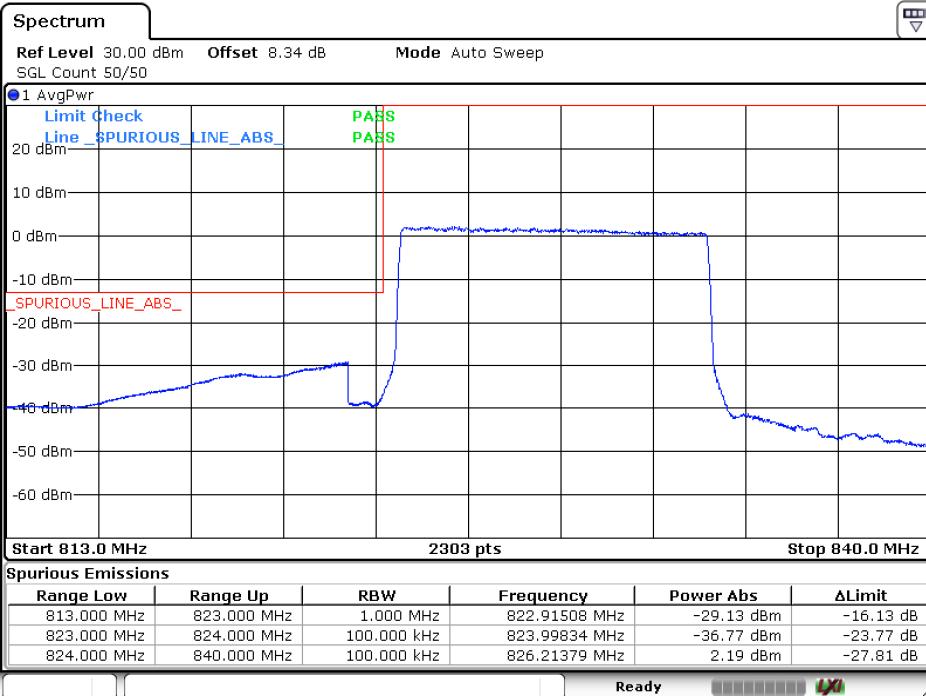
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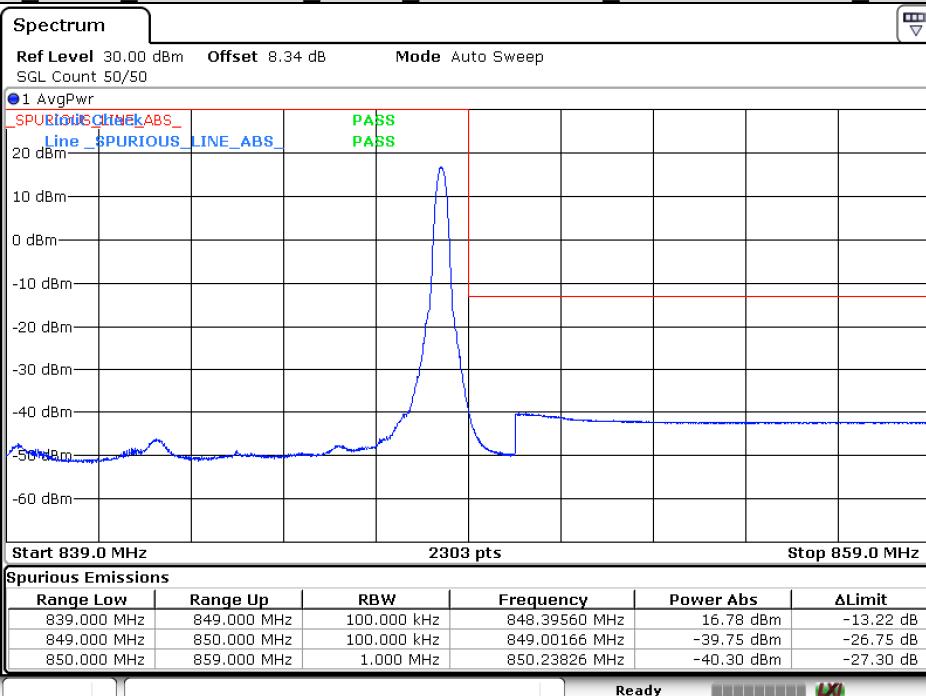


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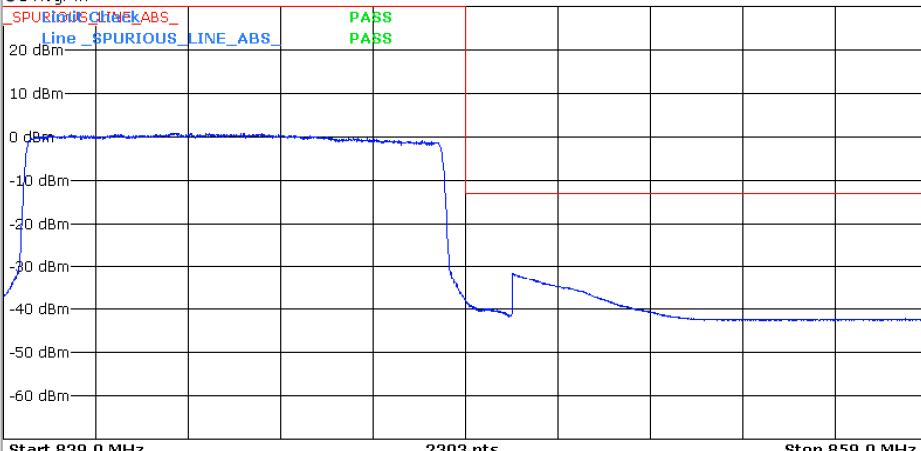


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Spectrum

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

1 AvgPwr



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
839.000 MHz	849.000 MHz	100.000 kHz	842.69131 MHz	0.74 dBm	-29.26 dB
849.000 MHz	850.000 MHz	100.000 kHz	849.00498 MHz	-38.05 dBm	-25.05 dB
850.000 MHz	859.000 MHz	1.000 MHz	850.00450 MHz	-31.52 dBm	-18.52 dB

Ready

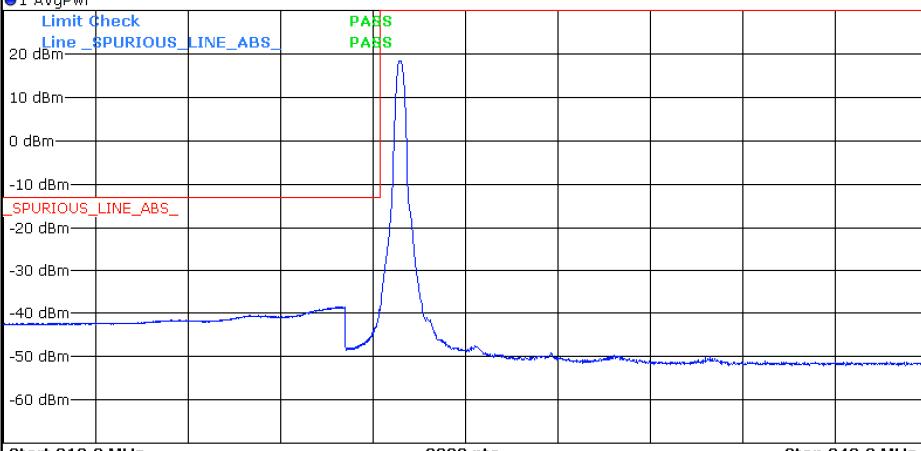
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Spectrum

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

1 AvgPwr



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
813.000 MHz	823.000 MHz	1.000 MHz	822.96503 MHz	-38.61 dBm	-25.61 dB
823.000 MHz	824.000 MHz	100.000 kHz	823.99834 MHz	-38.69 dBm	-25.69 dB
824.000 MHz	840.000 MHz	100.000 kHz	824.59940 MHz	18.38 dBm	-11.62 dB

Ready

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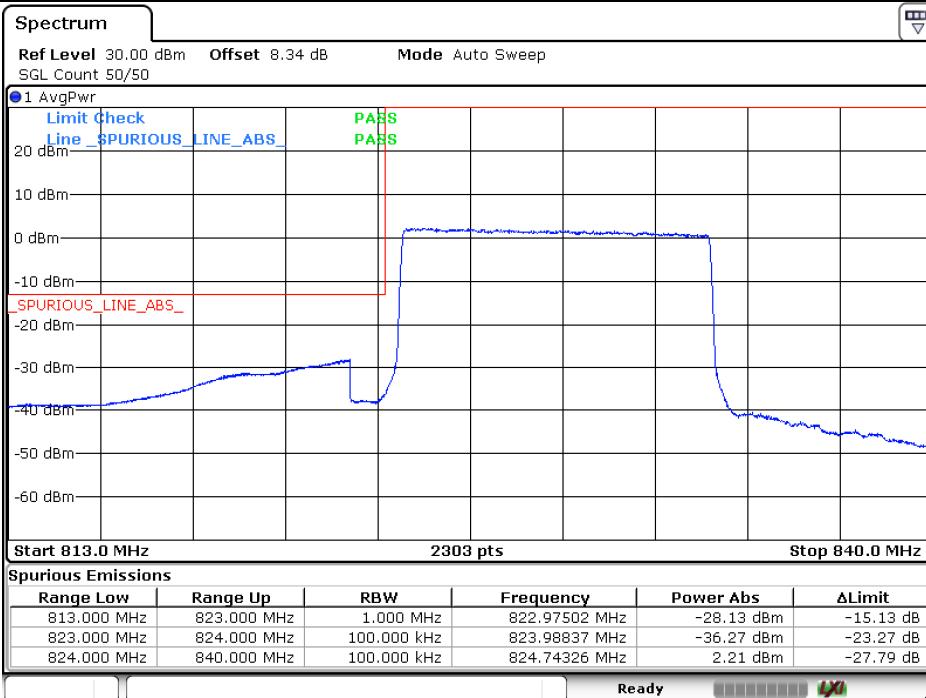
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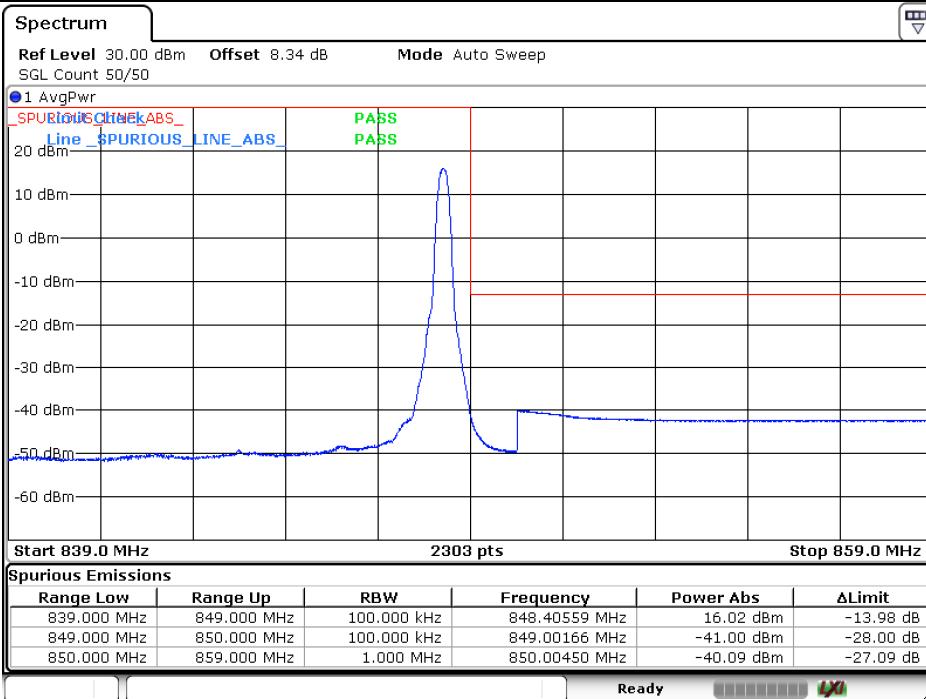


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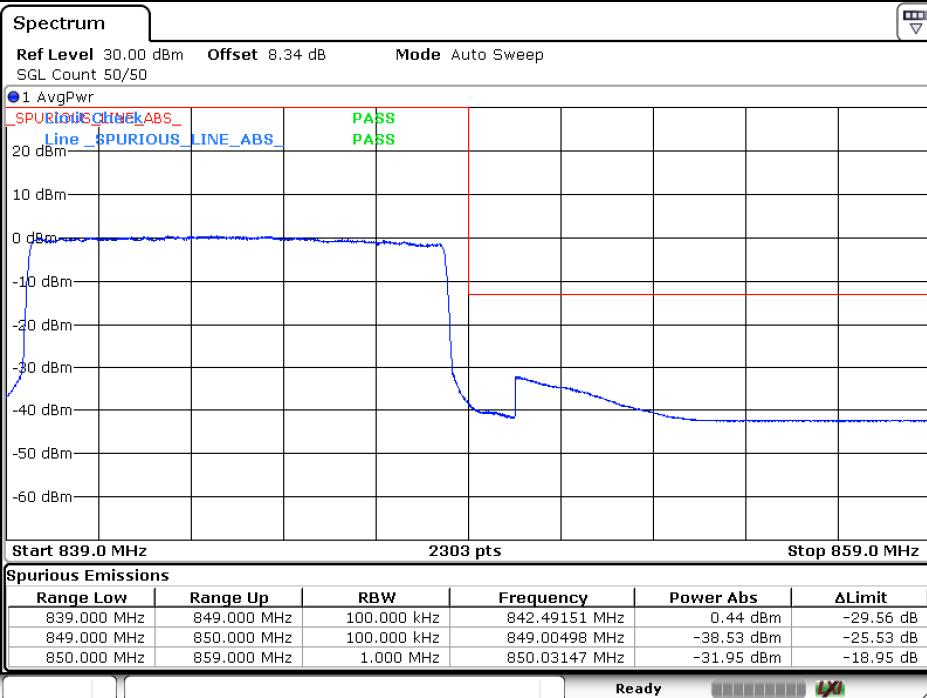
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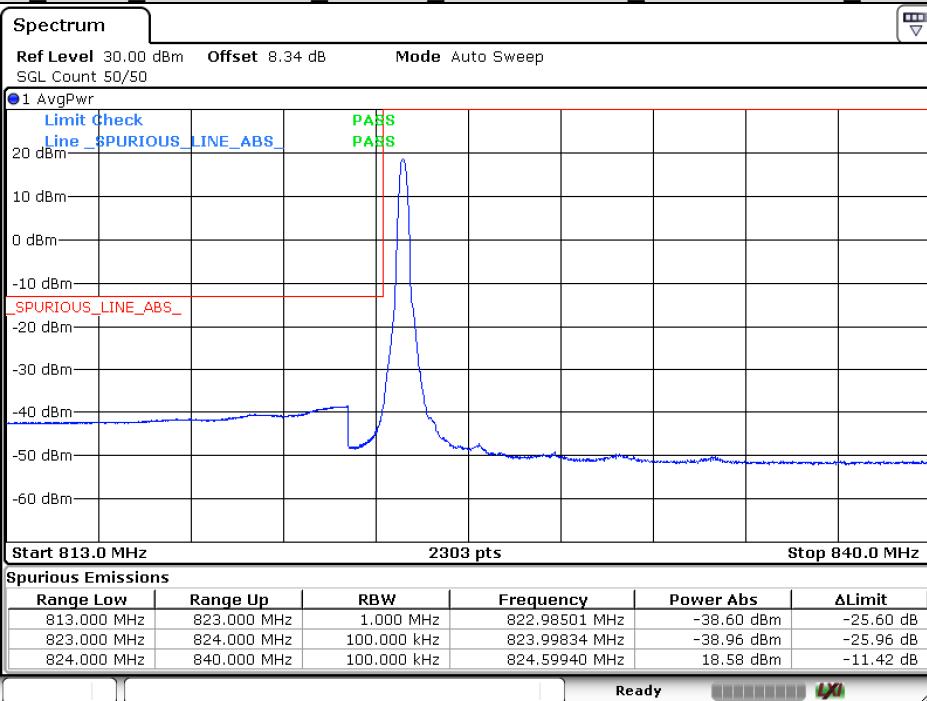


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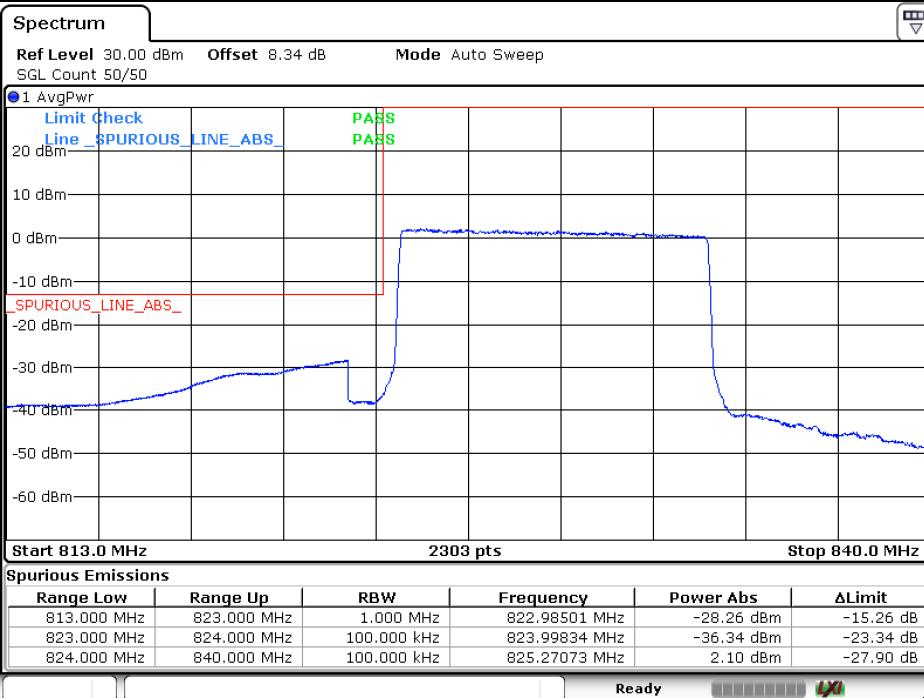
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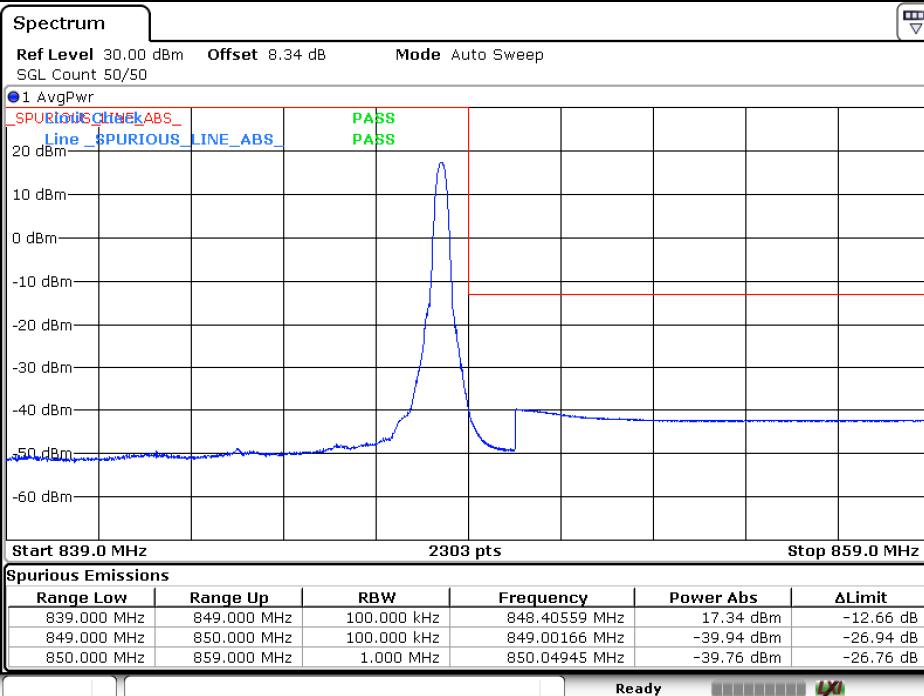


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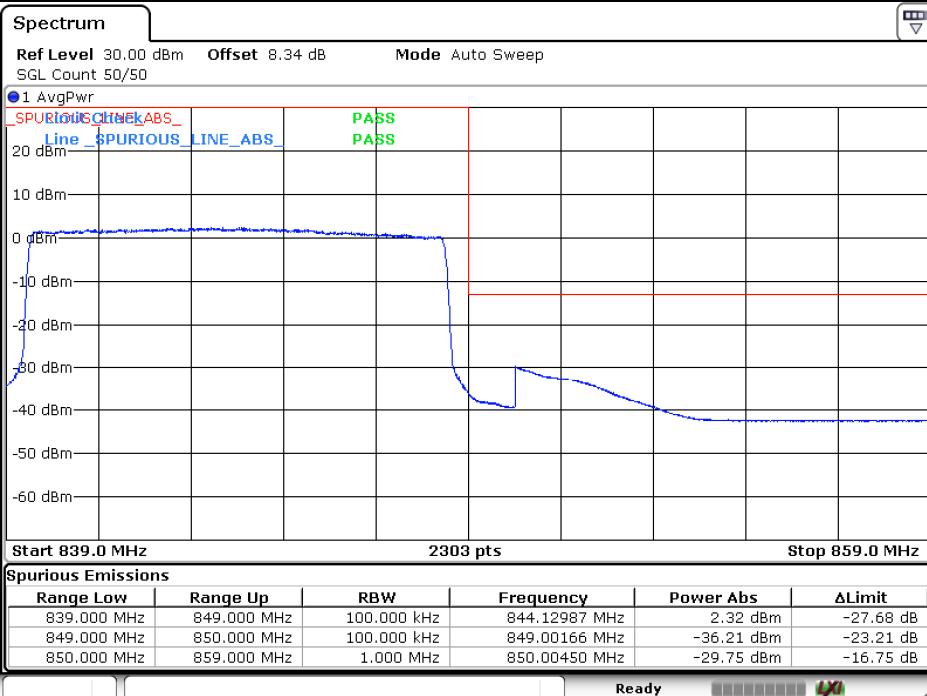


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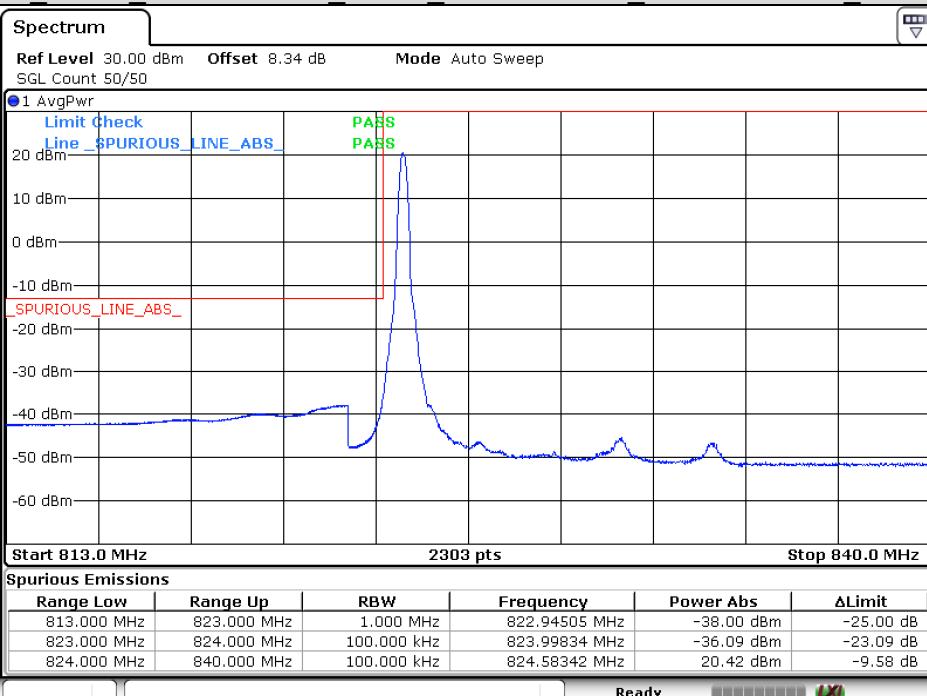
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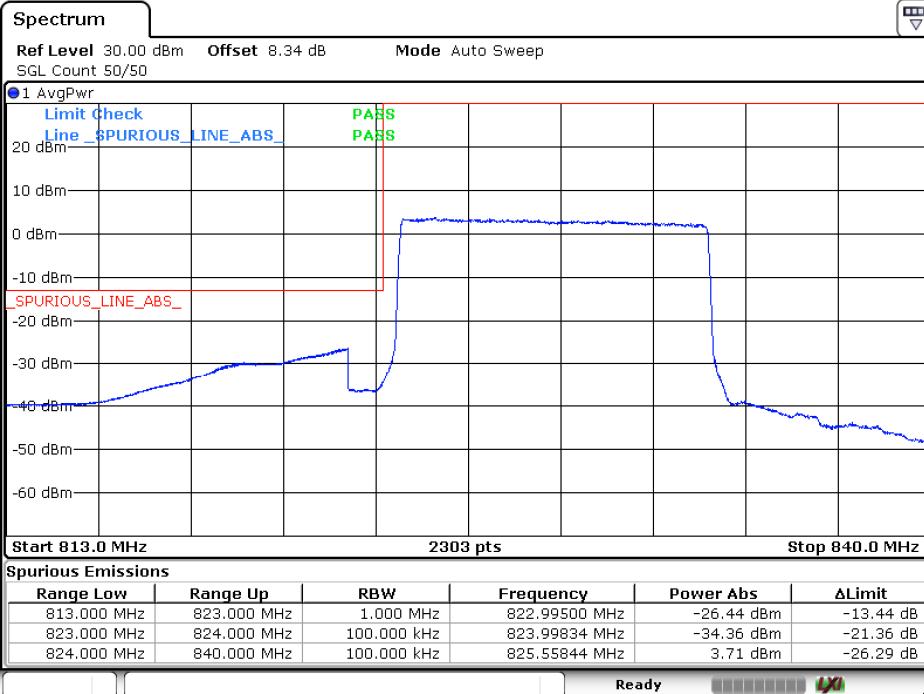
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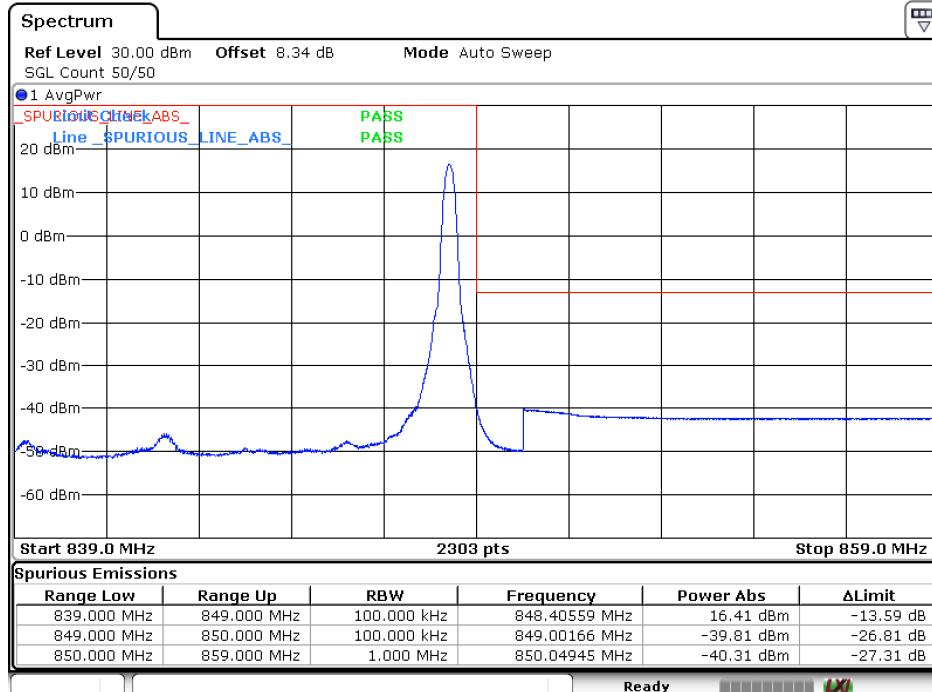


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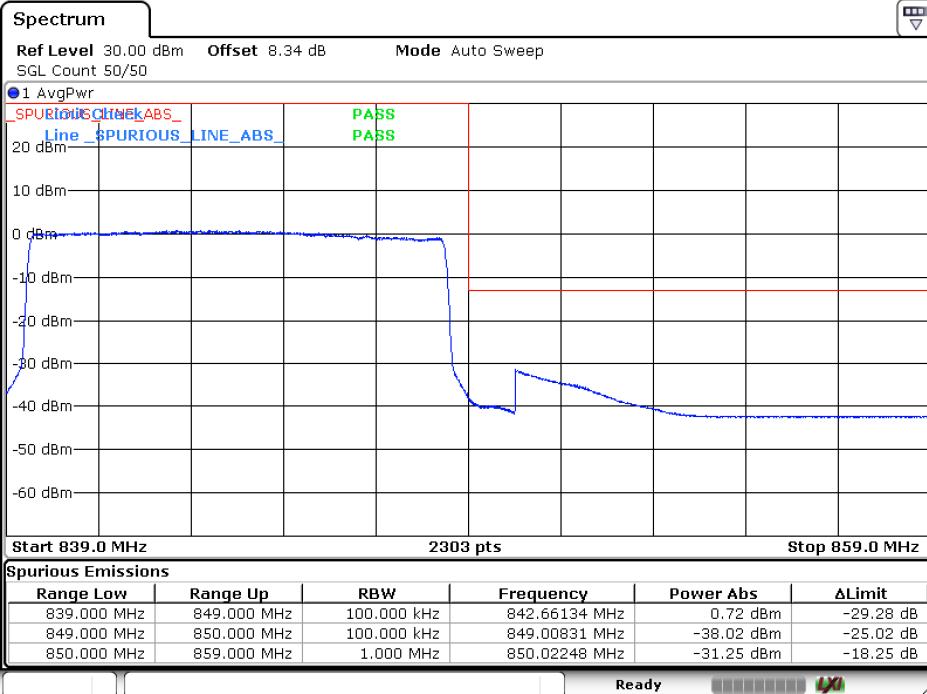
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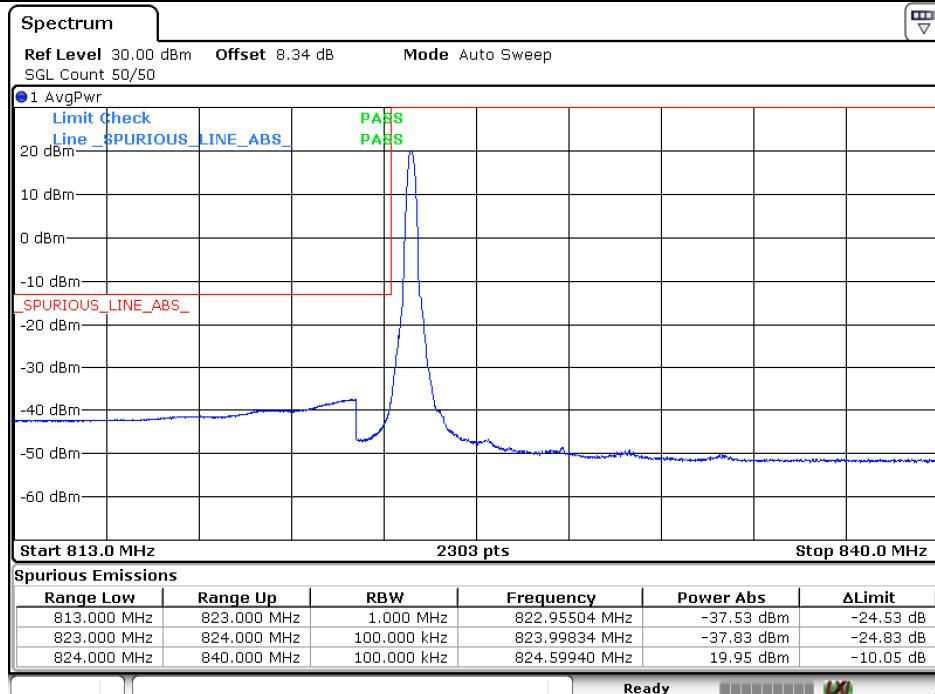


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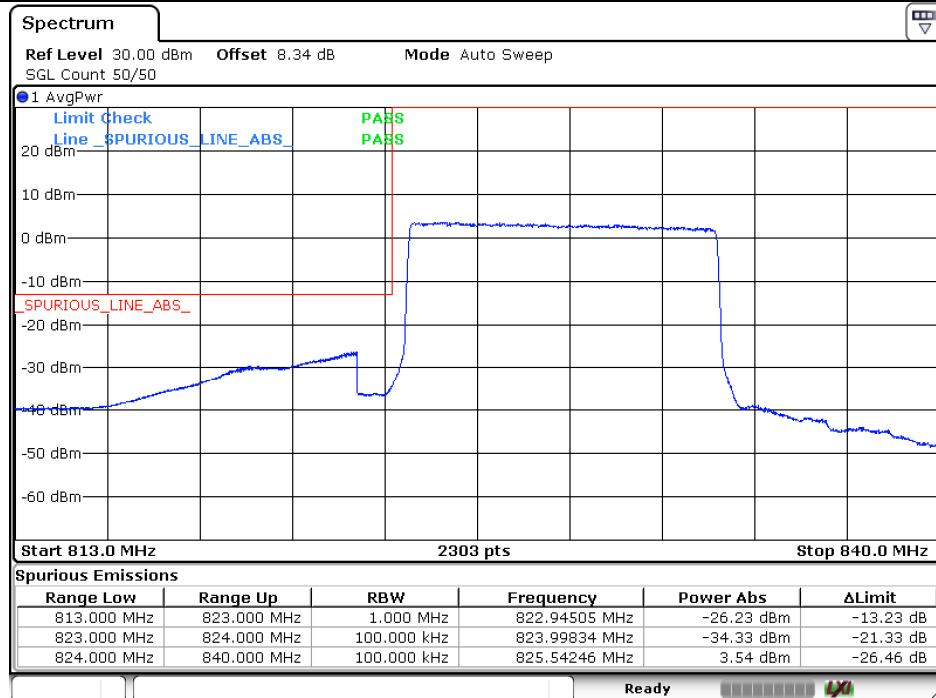
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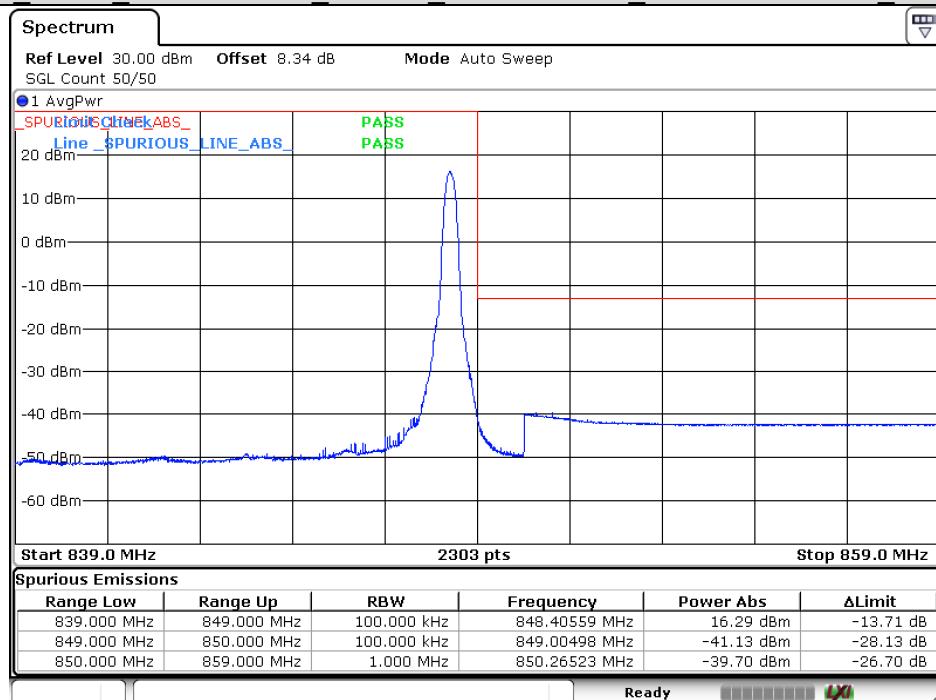


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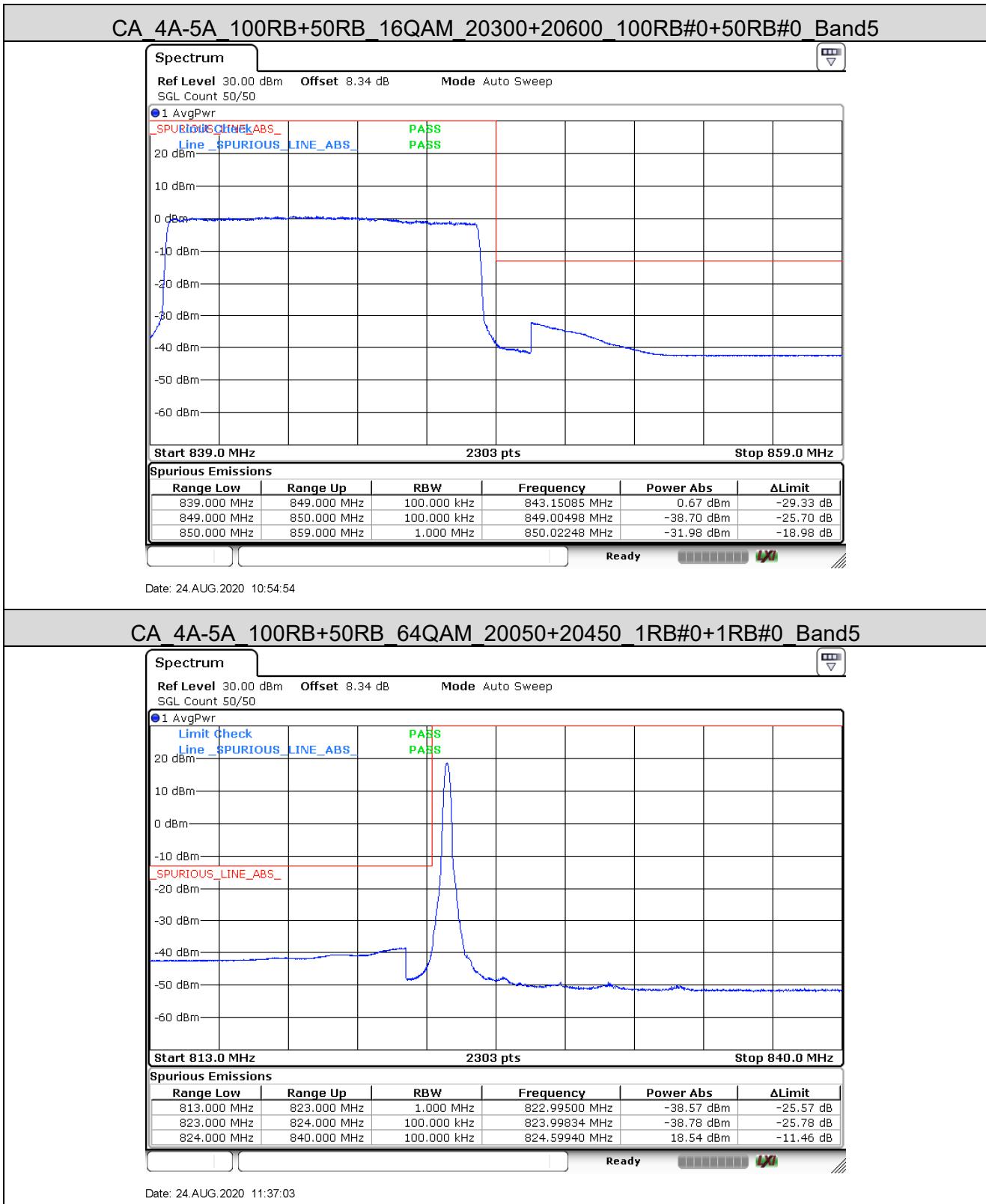


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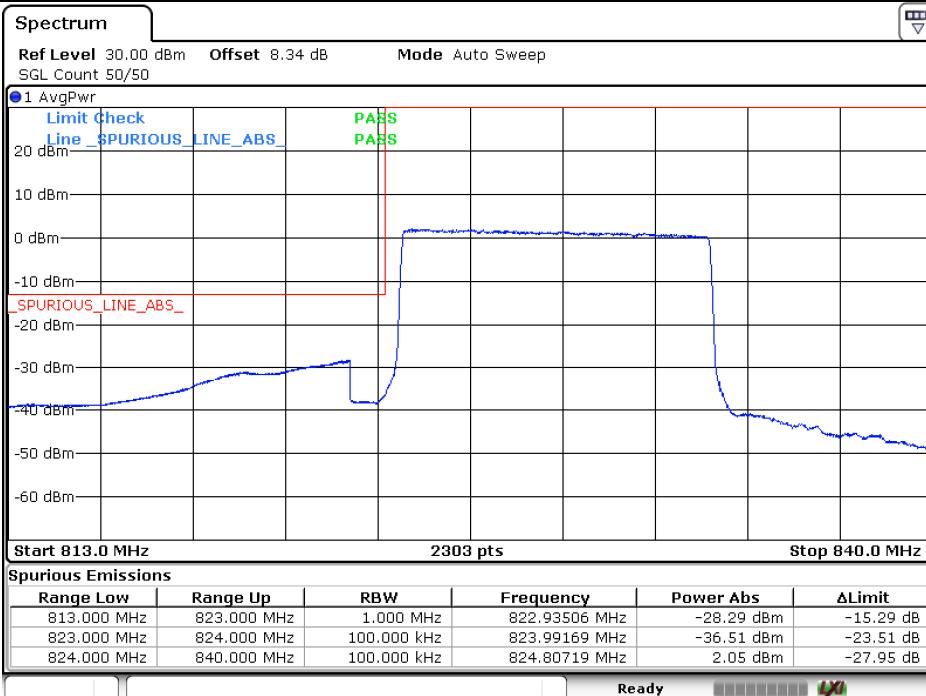
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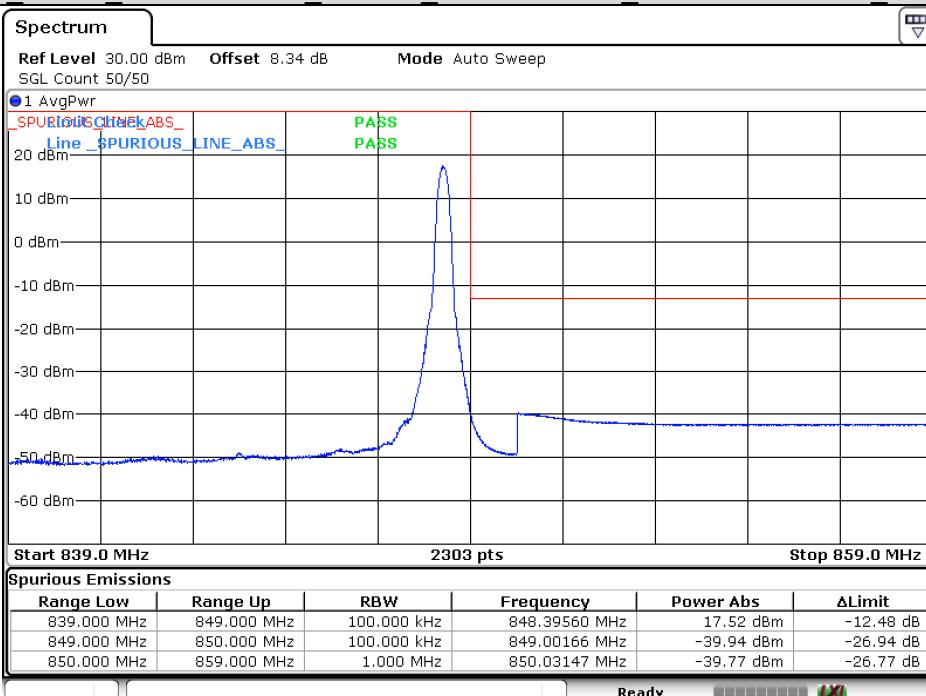


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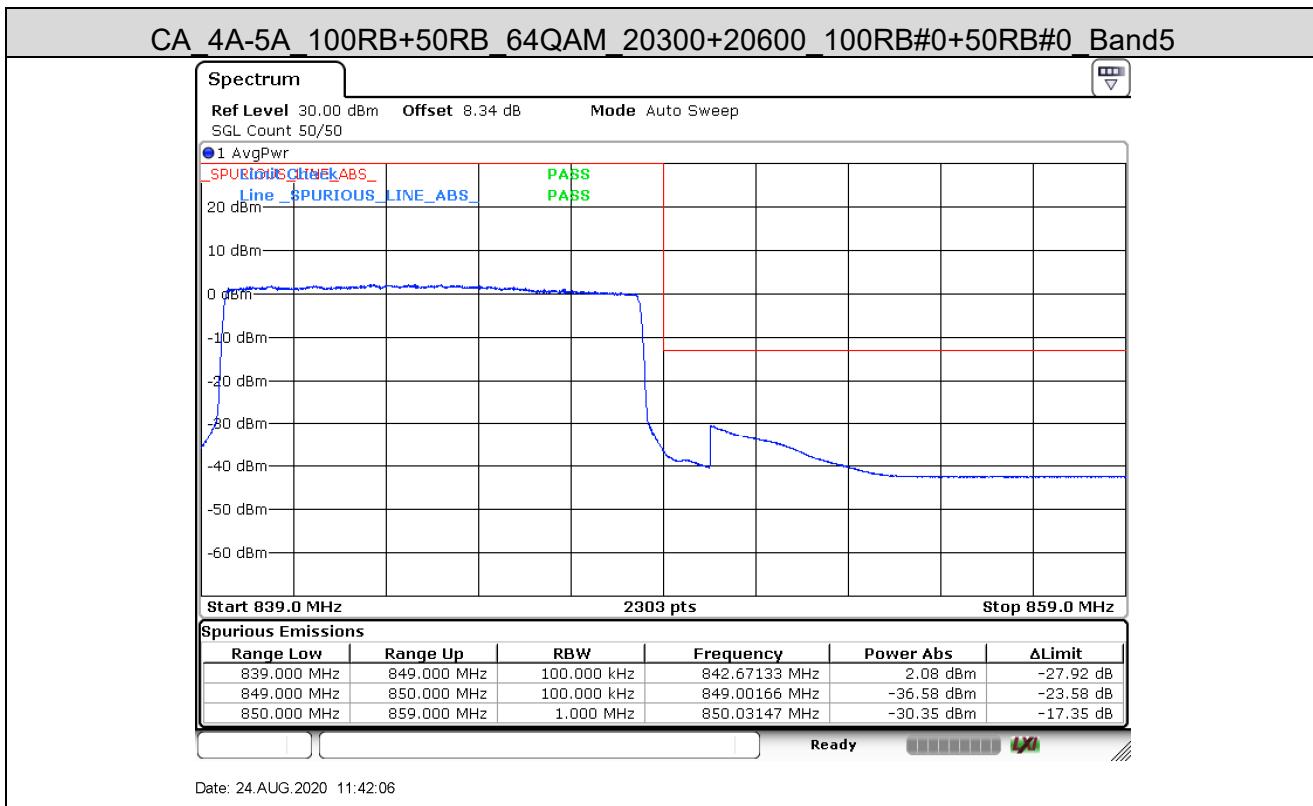
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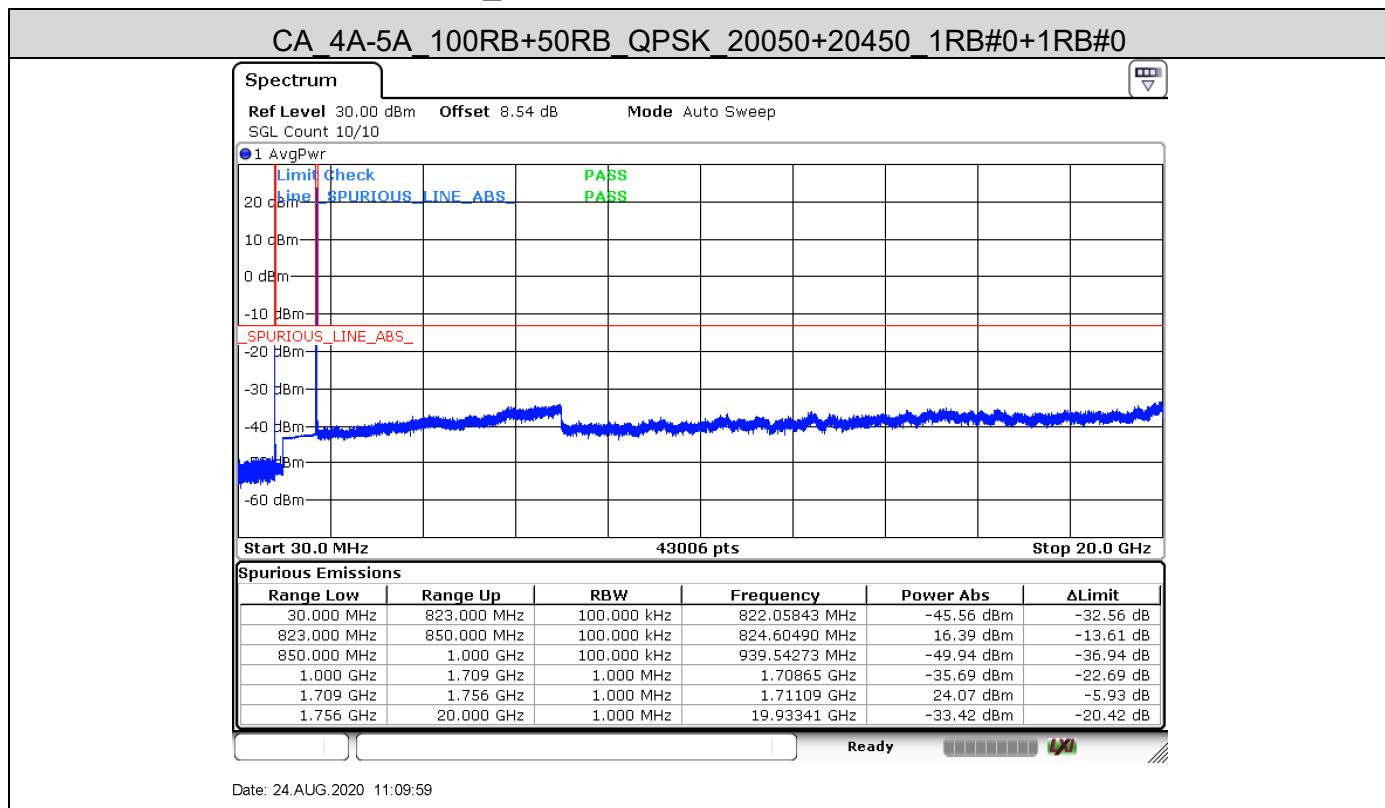


3 Spurious Emission at Antenna Terminal

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 $< \text{RBW}/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / \text{RBW})$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Part I - Test Plots

3.1.1 Test Band = LTE Band CA_4A-5A



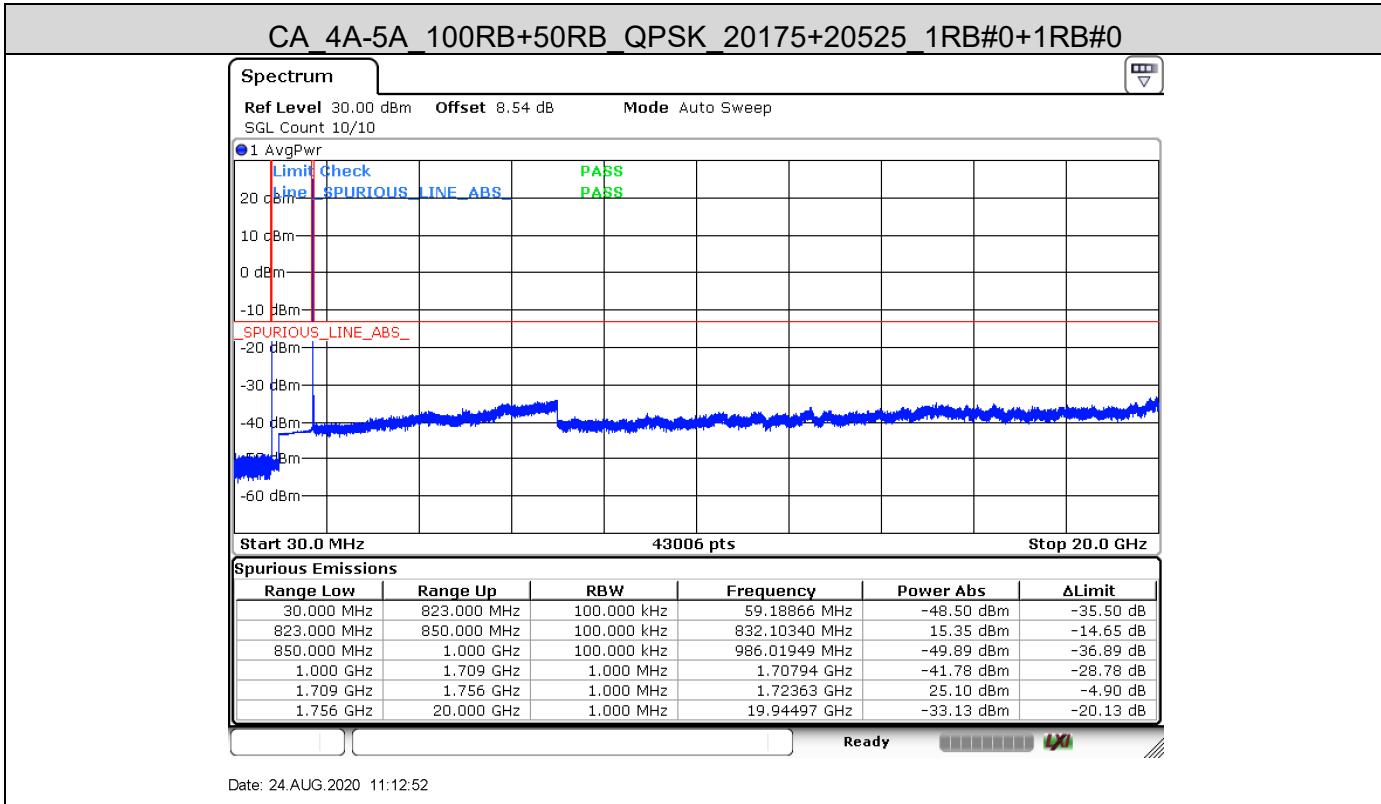
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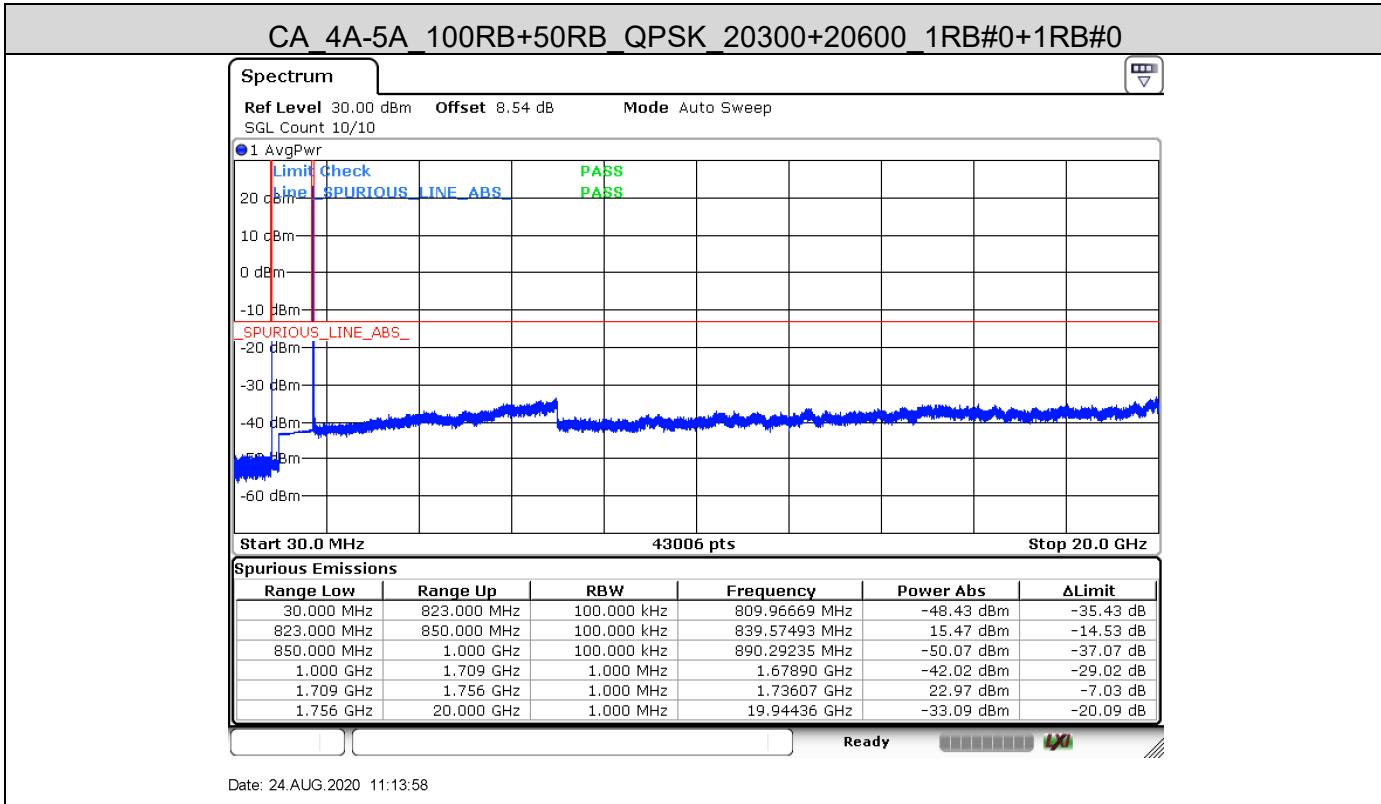
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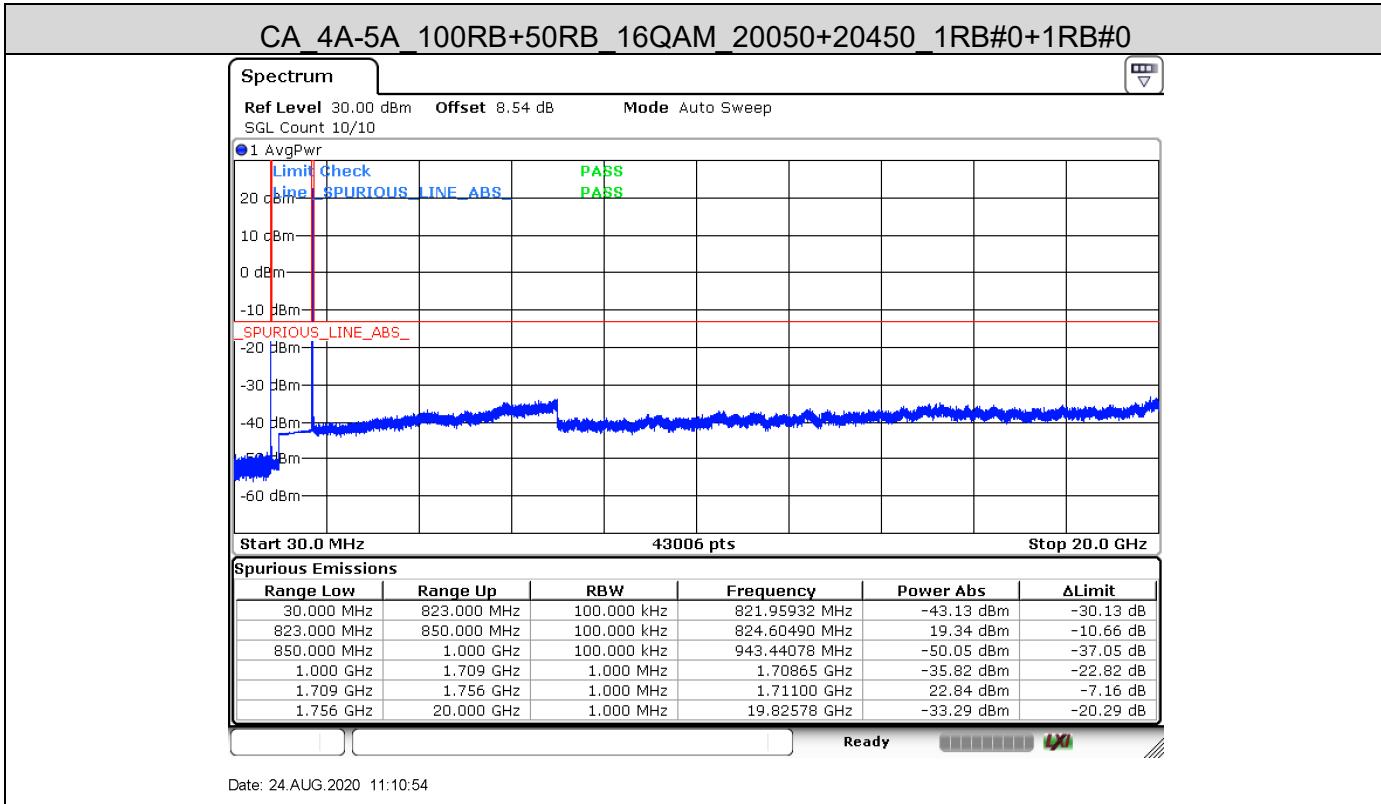
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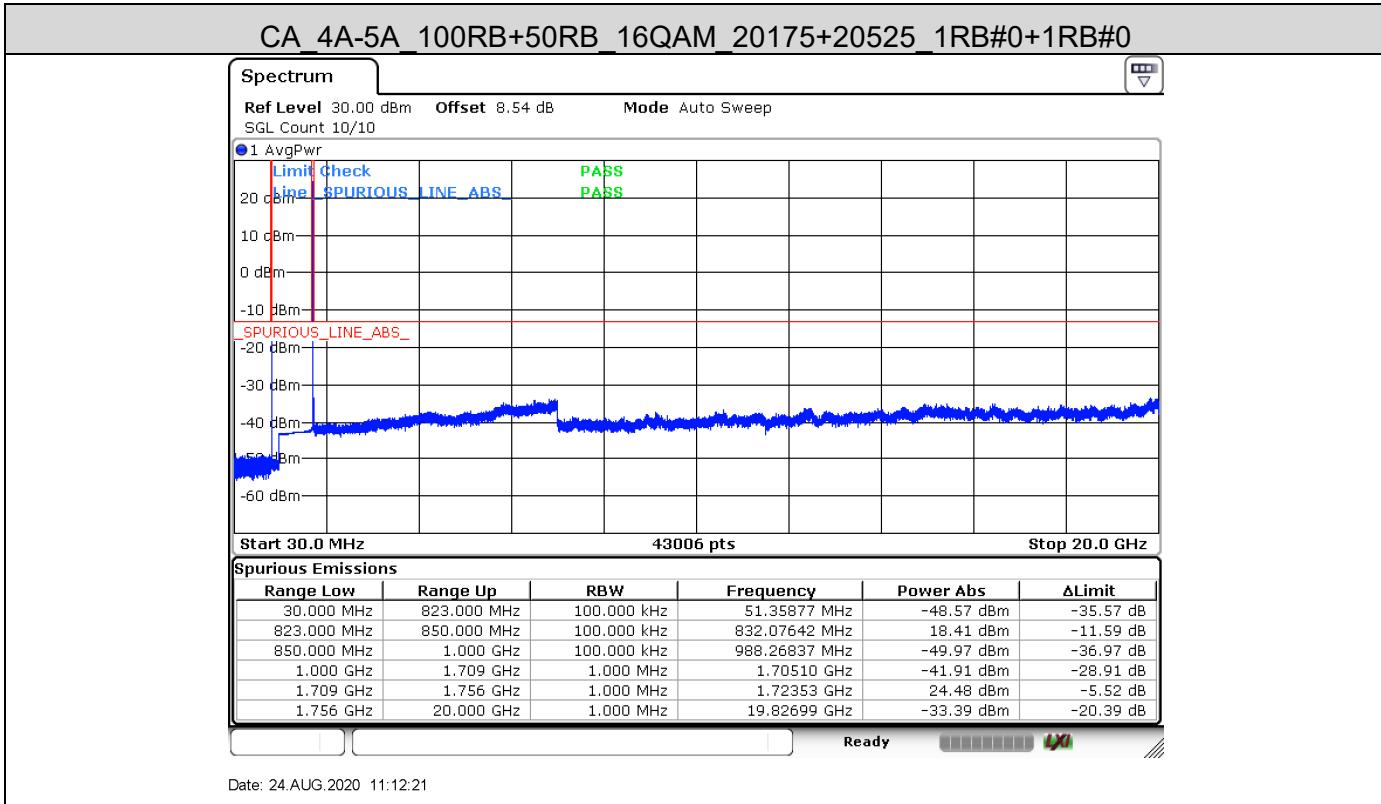
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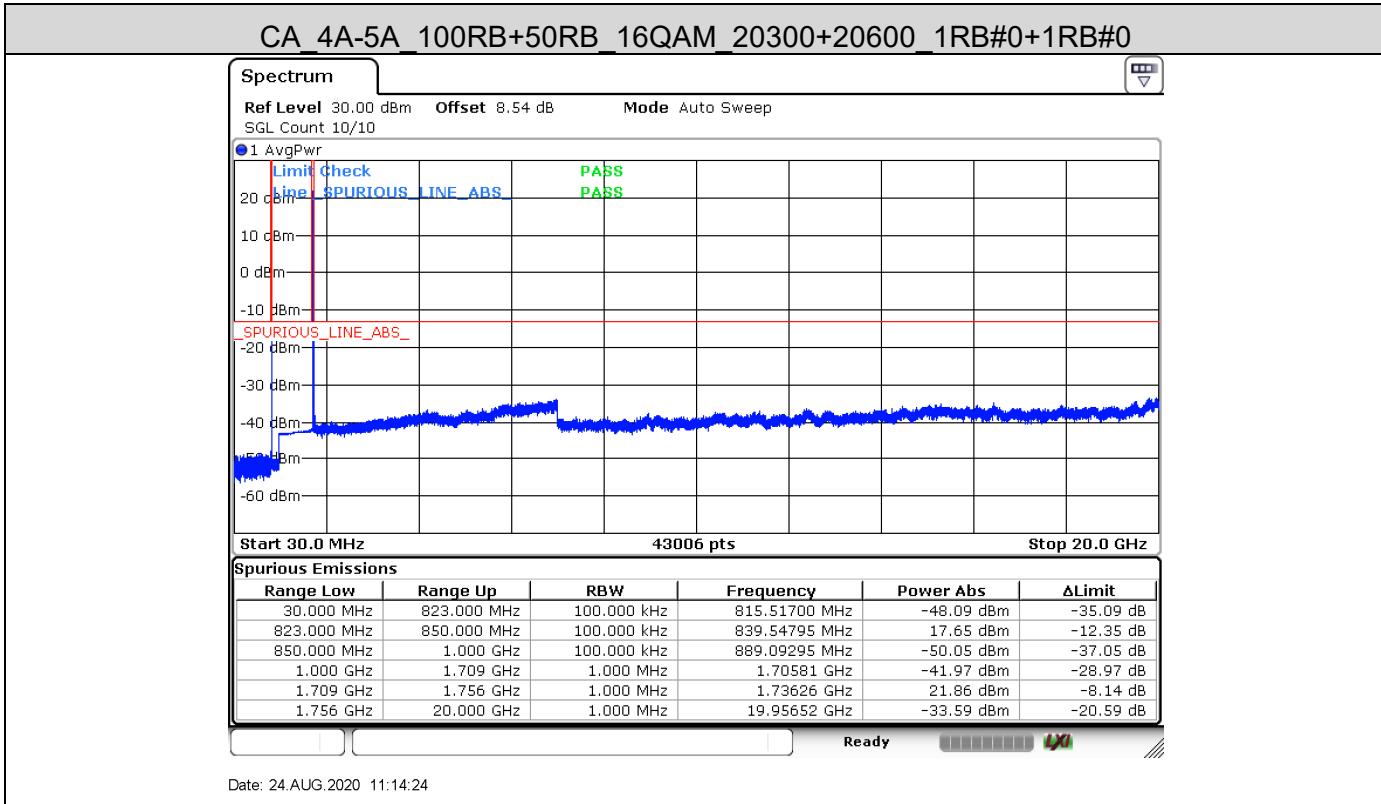
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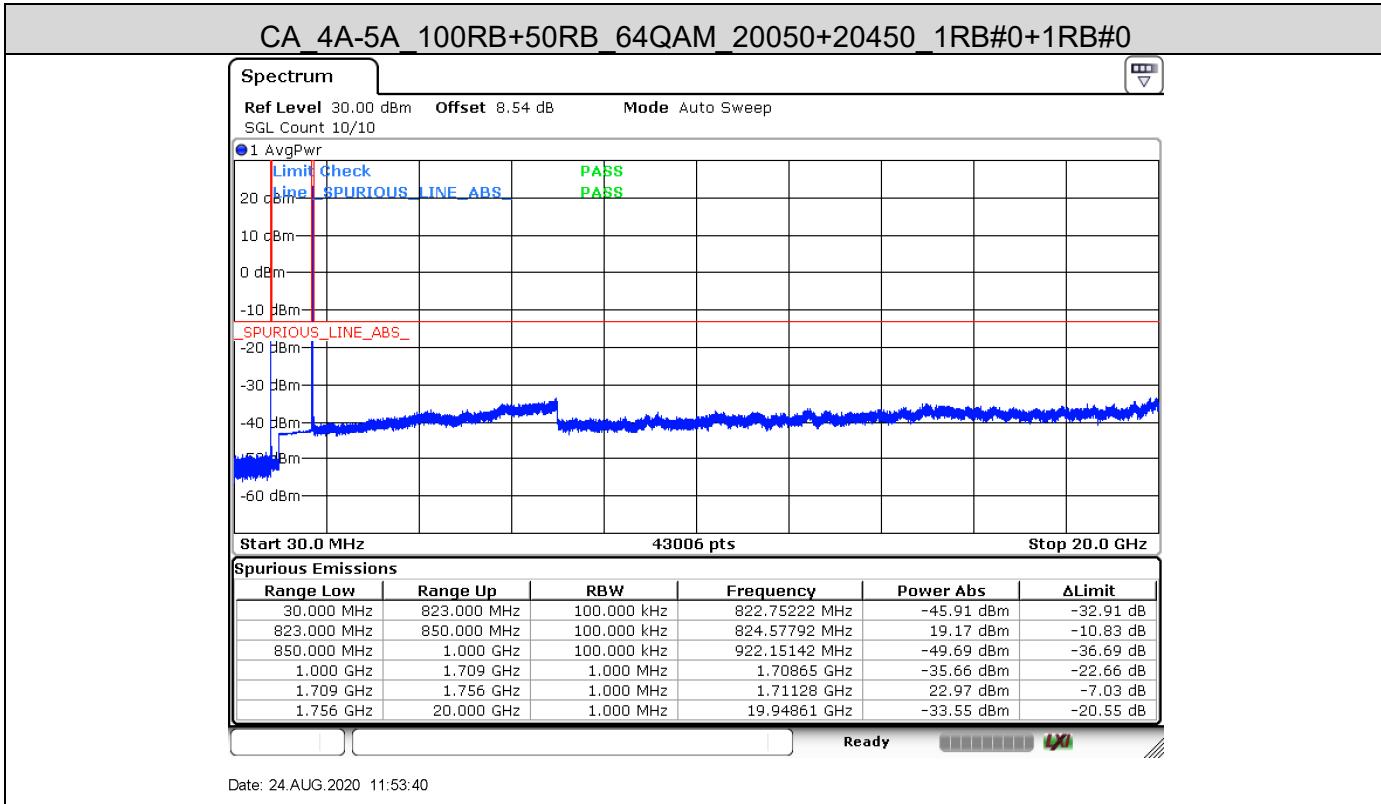
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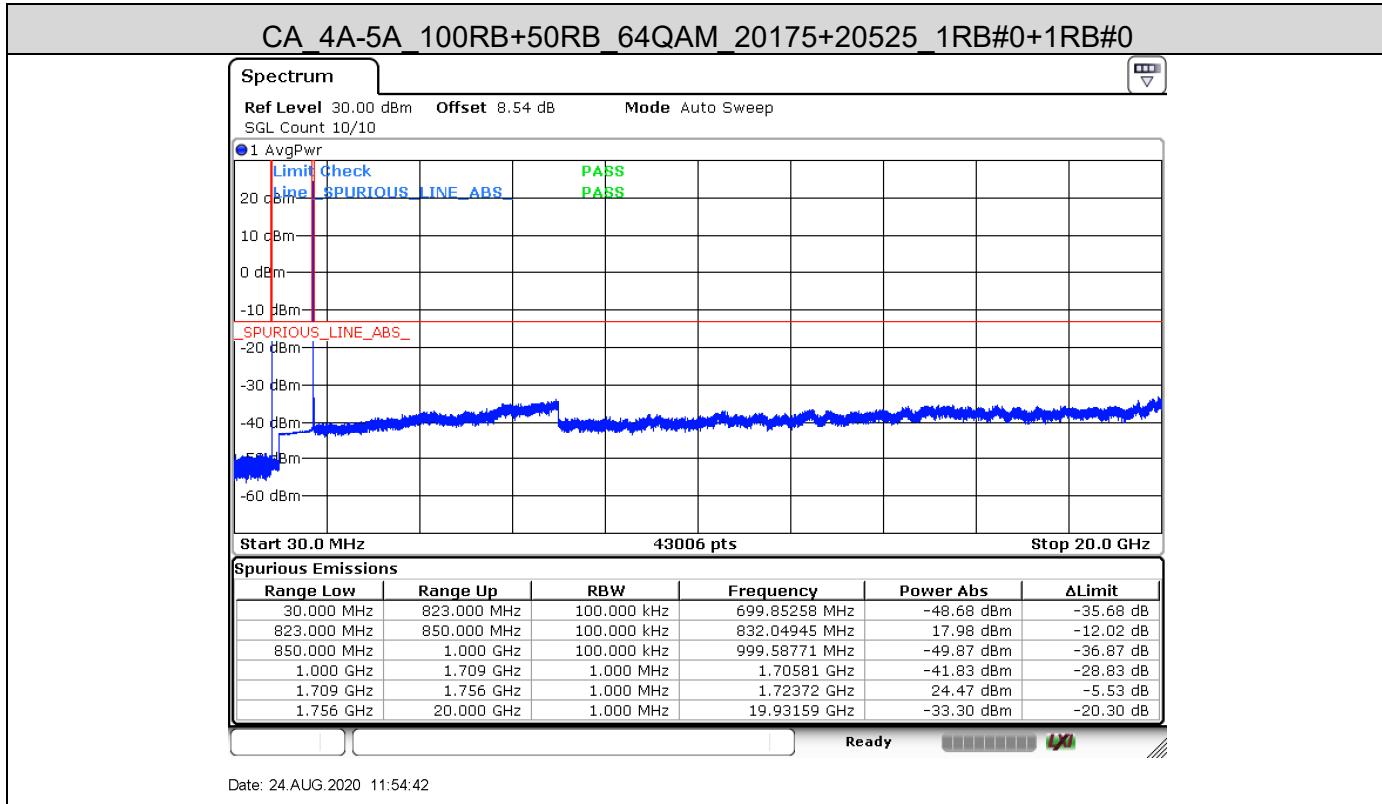
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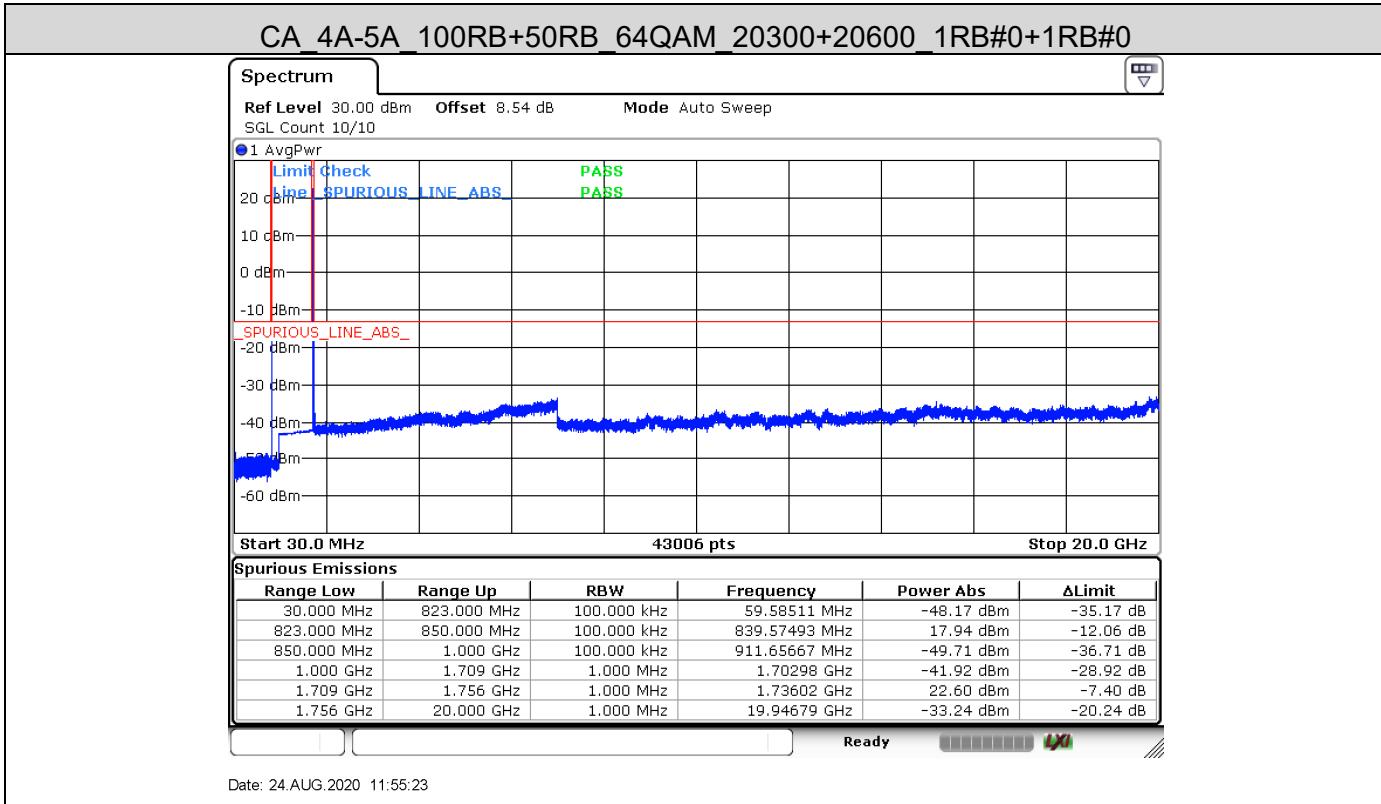


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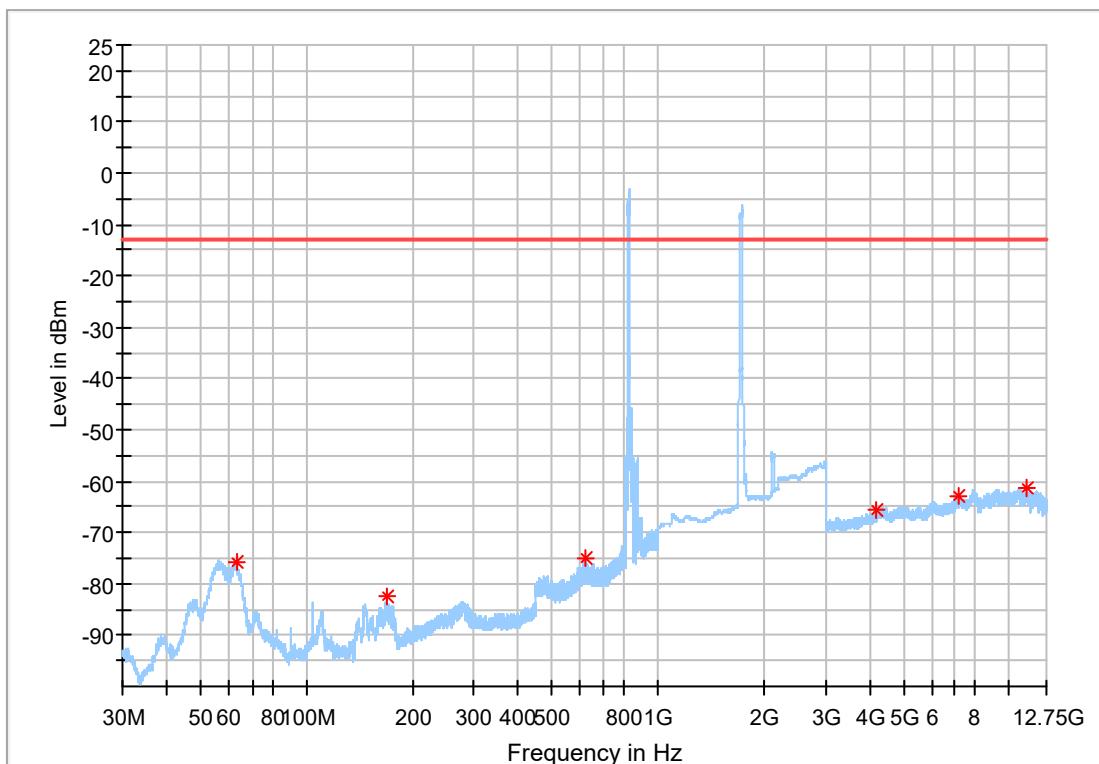
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4. Field Strength of Spurious Radiation

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)
63.100000	-75.78	-13.00	62.78	---	---	200.0	H	22.0	-95.8
169.550000	-82.40	-13.00	69.40	---	---	200.0	H	22.0	-107.3
618.850000	-75.13	-13.00	62.13	---	---	200.0	H	145.0	-97.9
4197.625000	-65.63	-13.00	52.63	---	---	200.0	H	142.0	-103.2
7146.025000	-62.93	-13.00	49.93	---	---	200.0	H	350.0	-99.4
11202.350000	-61.46	-13.00	48.46	---	---	200.0	H	63.0	-96.6

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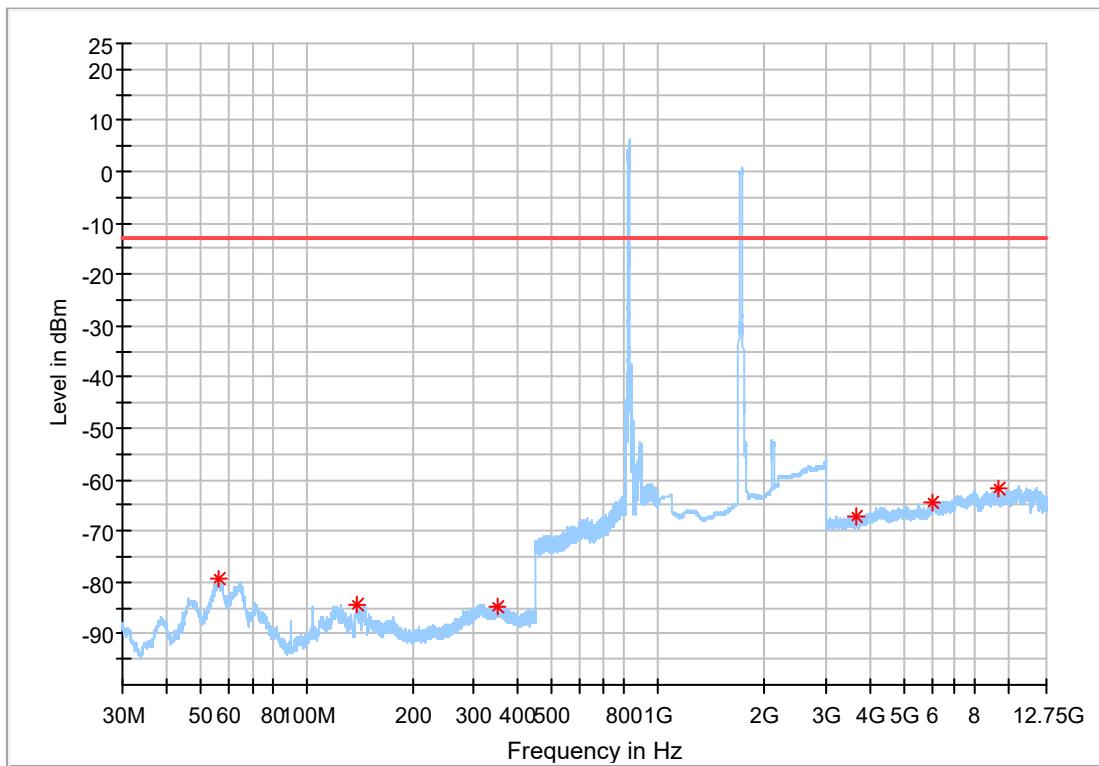


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4.1.2. Test Channel = LCH_Verical

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	-79.11	-13.00	66.11	---	---	200.0	V	159.0	-101.2
139.900000	-84.21	-13.00	71.21	---	---	200.0	V	159.0	-109.1
347.850000	-84.63	-13.00	71.63	---	---	200.0	V	168.0	-101.6
3651.300000	-67.24	-13.00	54.24	---	---	200.0	V	140.0	-104.7
6041.350000	-64.27	-13.00	51.27	---	---	200.0	V	318.0	-100.1
9268.275000	-61.90	-13.00	48.90	---	---	200.0	V	180.0	-97.3

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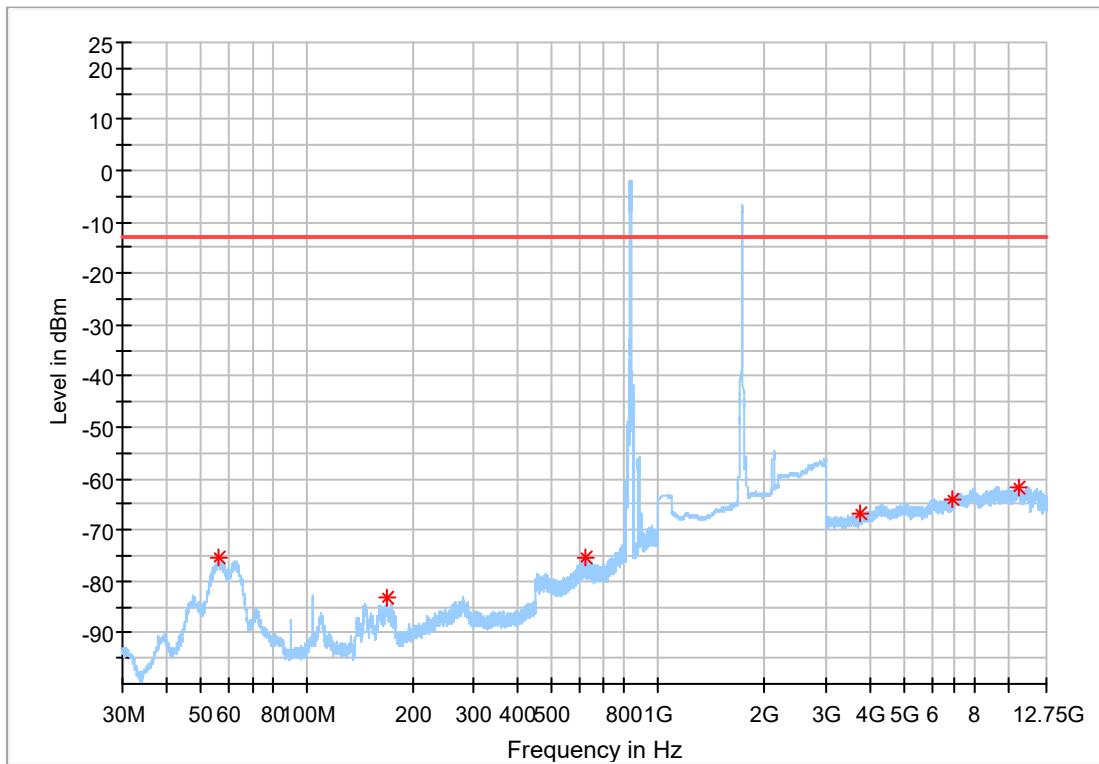


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4.1.3. Test Channel = MCH_Horizontal

Full Spectrum



Critical_Freqs

Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
56.350000	-75.32	-13.00	62.32	---	---	200.0	H	1.0	-96.8
169.100000	-83.01	-13.00	70.01	---	---	200.0	H	329.0	-107.3
620.316667	-75.31	-13.00	62.31	---	---	200.0	H	130.0	-97.9
3780.000000	-66.91	-13.00	53.91	---	---	200.0	H	132.0	-104.4
6860.025000	-64.23	-13.00	51.23	---	---	200.0	H	97.0	-99.5
10617.025000	-61.63	-13.00	48.63	---	---	200.0	H	30.0	-96.6

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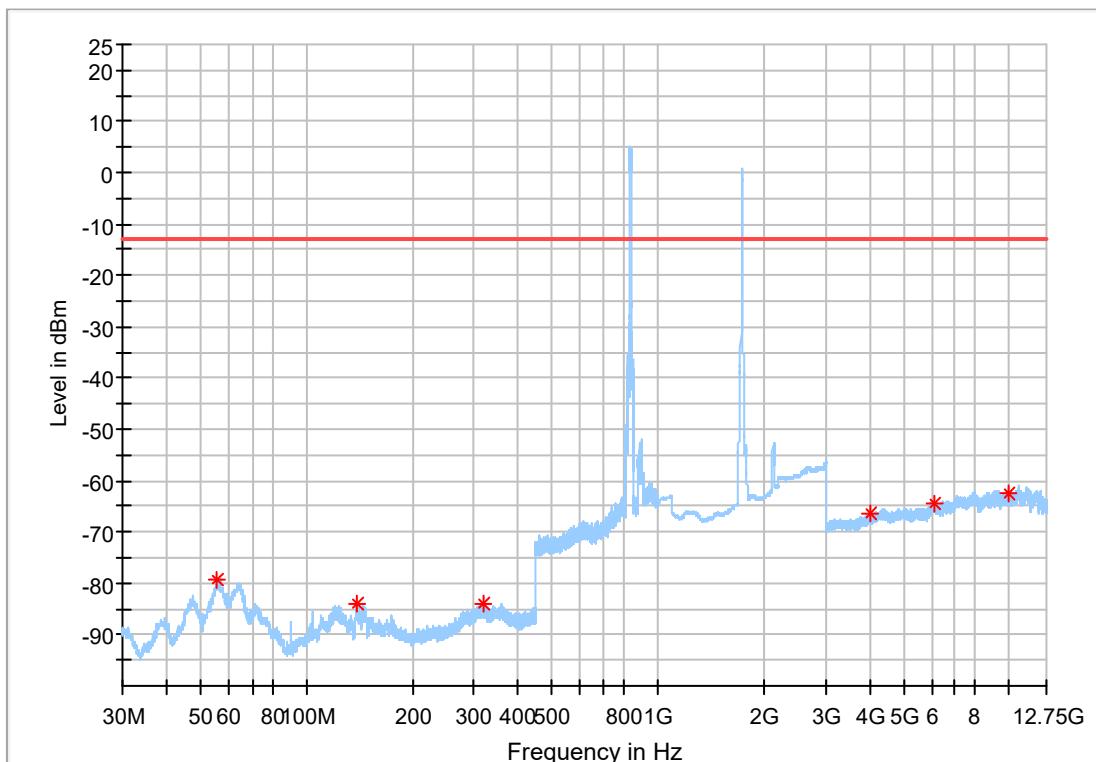


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4.1.4. Test Channel = MCH_Verical

Full Spectrum

**Critical_Freqs**

Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
55.900000	-79.37	-13.00	66.37	---	---	200.0	V	149.0	-101.6
139.450000	-84.12	-13.00	71.12	---	---	200.0	V	158.0	-109.0
318.750000	-84.17	-13.00	71.17	---	---	200.0	V	0.0	-102.0
3999.050000	-66.52	-13.00	53.52	---	---	200.0	V	284.0	-103.5
6145.350000	-64.29	-13.00	51.29	---	---	200.0	V	0.0	-100.2
9908.850000	-62.50	-13.00	49.50	---	---	200.0	V	118.0	-97.5

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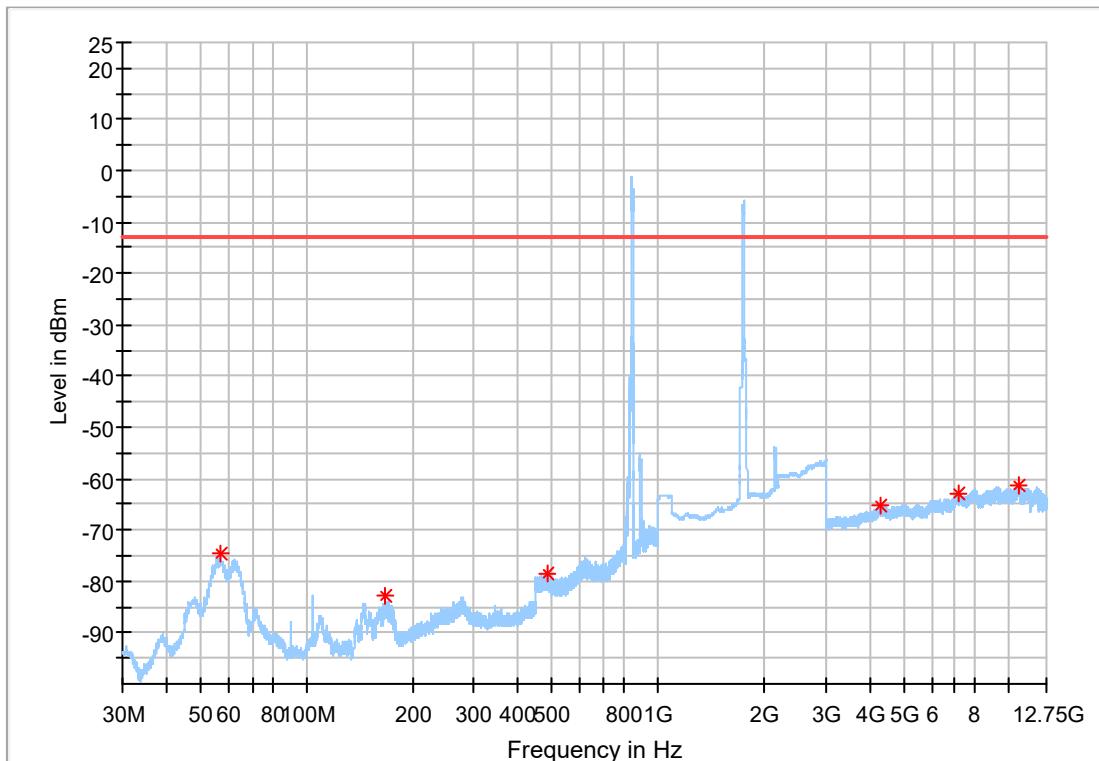


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4.1.5. Test Channel = HCH_Horizontal

Full Spectrum

**Critical_Freqs**

Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
56.750000	-74.70	-13.00	61.70	---	---	200.0	H	0.0	-96.6
168.200000	-82.89	-13.00	69.89	---	---	200.0	H	314.0	-107.3
482.129167	-78.55	-13.00	65.55	---	---	200.0	H	0.0	-100.6
4290.900000	-65.41	-13.00	52.41	---	---	200.0	H	40.0	-102.7
7161.950000	-63.00	-13.00	50.00	---	---	200.0	H	108.0	-99.5
10626.125000	-61.34	-13.00	48.34	---	---	200.0	H	179.0	-96.5

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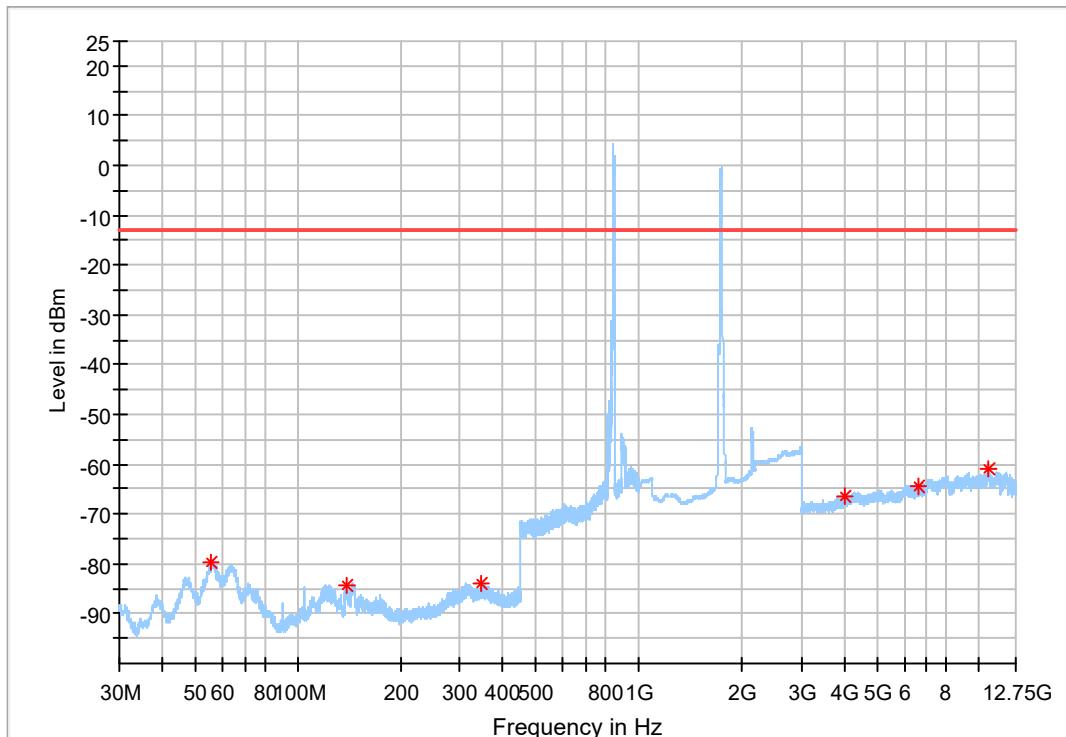
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4.1.6. Test Channel = HCH_Verical

Full Spectrum

**Critical_Freqs**

Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
55.600000	-79.72	-13.00	66.72	---	---	200.0	V	176.0	-101.8
139.300000	-84.26	-13.00	71.26	---	---	200.0	V	176.0	-109.0
343.450000	-84.14	-13.00	71.14	---	---	200.0	V	258.0	-101.7
4018.225000	-66.49	-13.00	53.49	---	---	200.0	V	0.0	-103.5
6574.675000	-64.28	-13.00	51.28	---	---	200.0	V	154.0	-99.2
10639.775000	-61.11	-13.00	48.11	---	---	200.0	V	40.0	-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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