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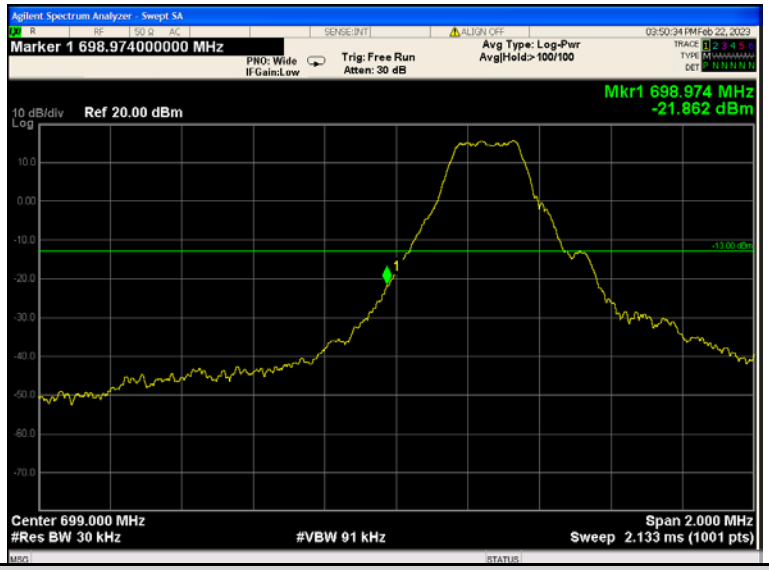

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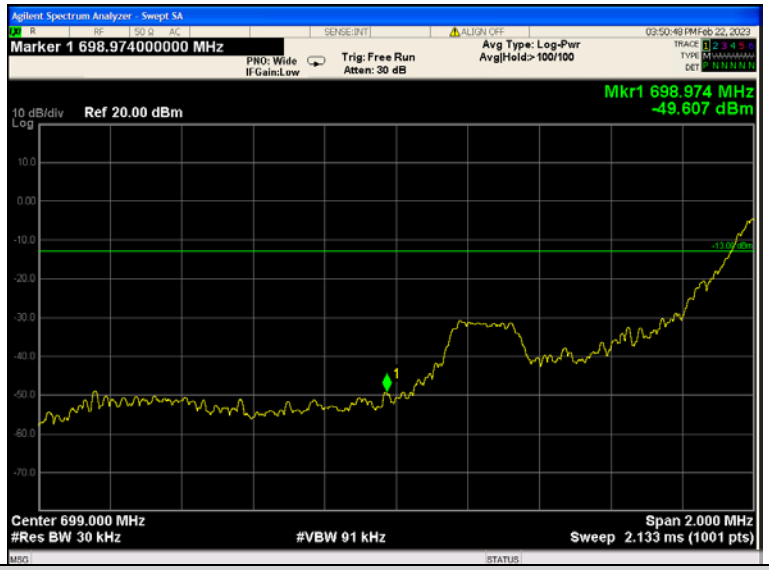
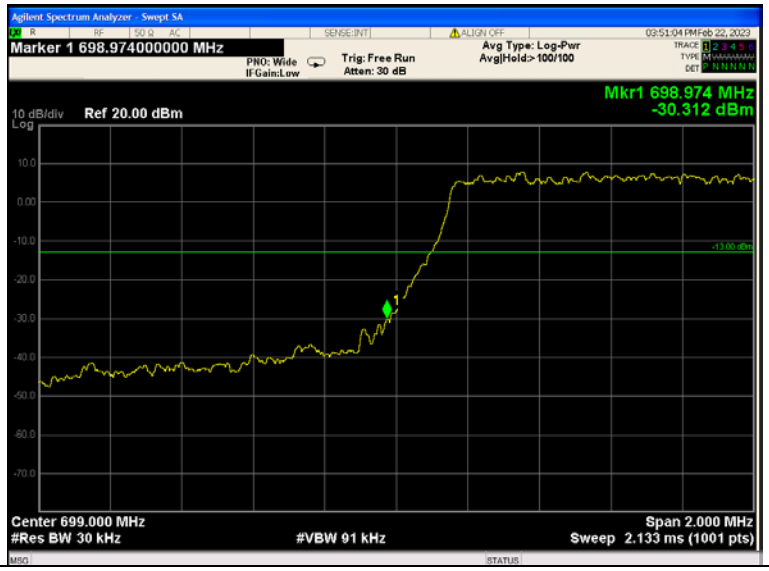


Band12-1.4MHz-16QAM-23017-6RB#0



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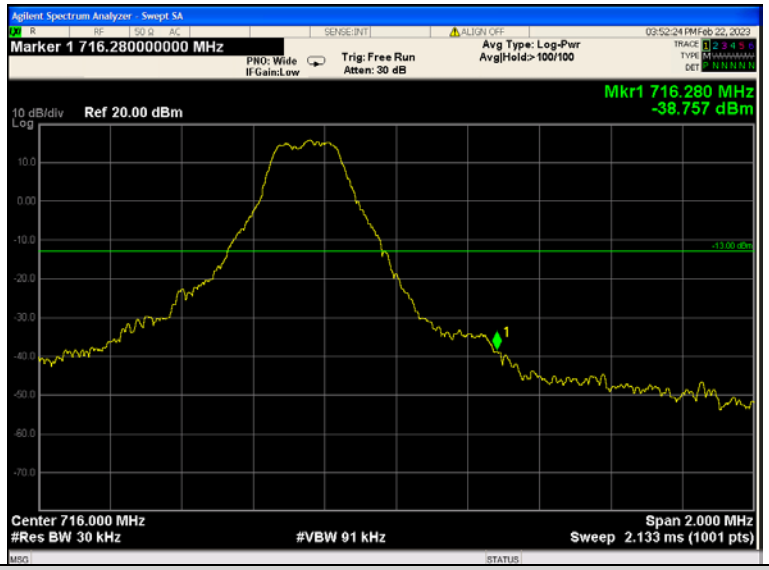

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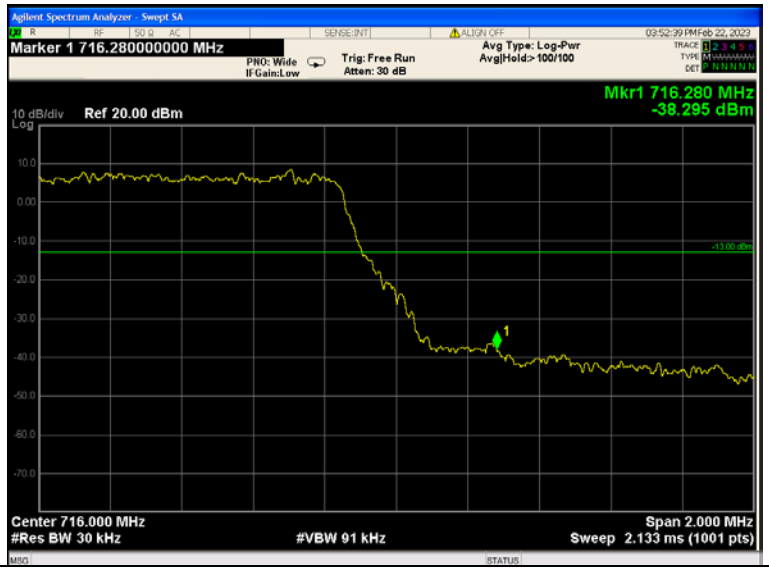

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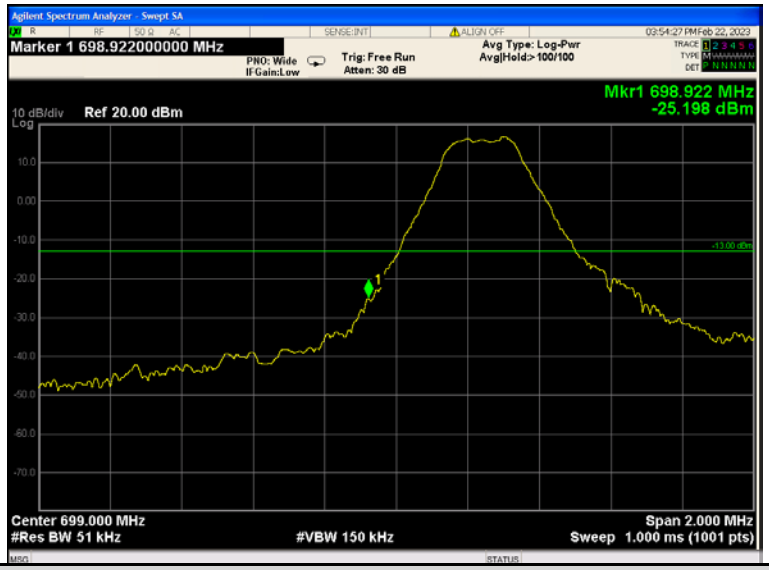

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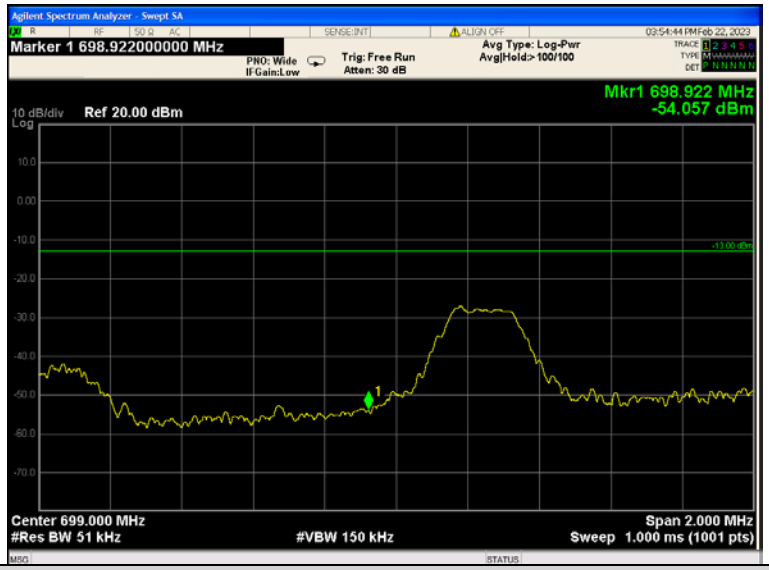

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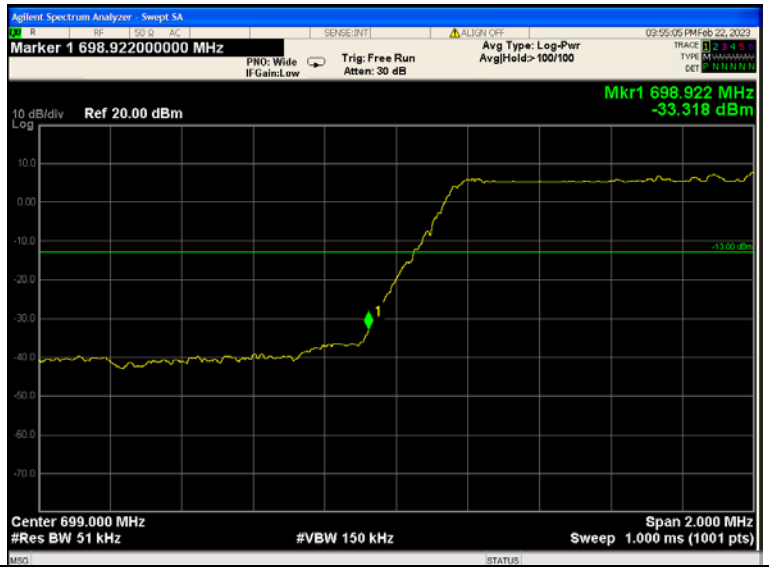

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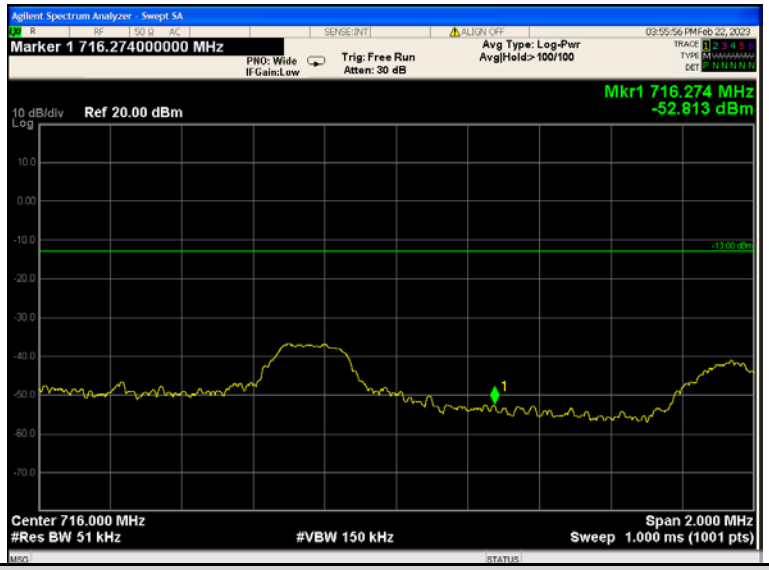

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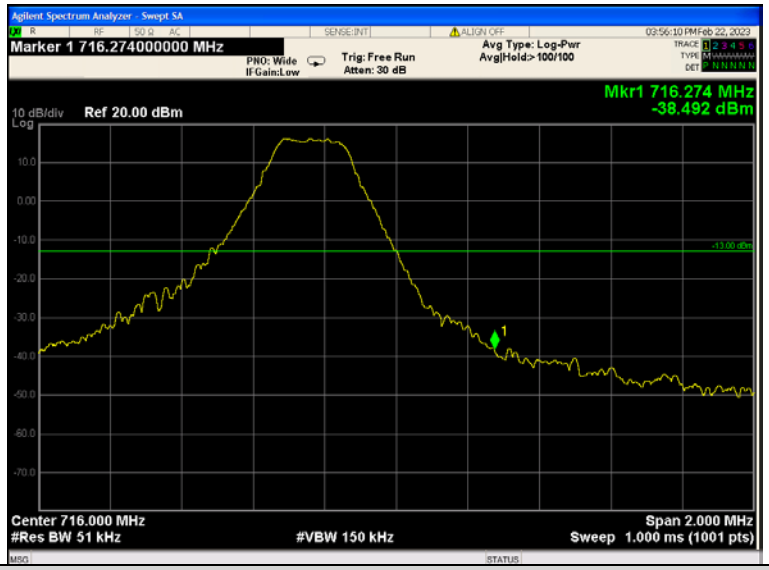

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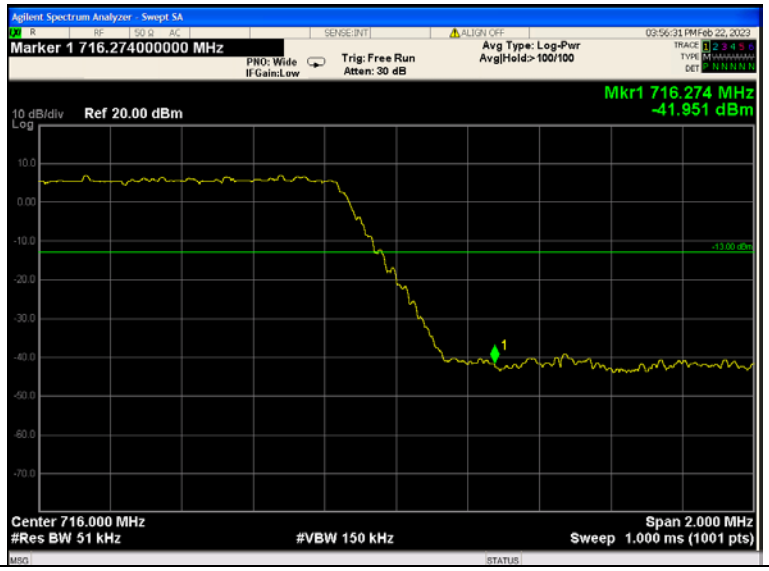

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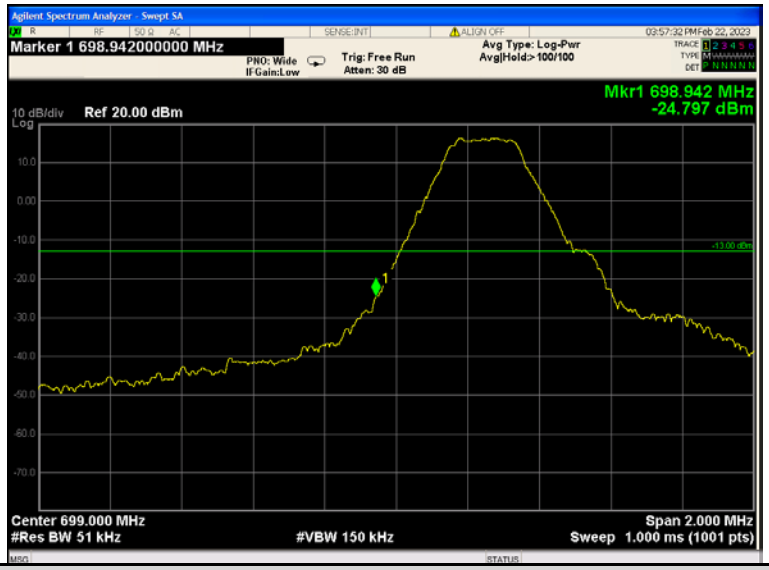

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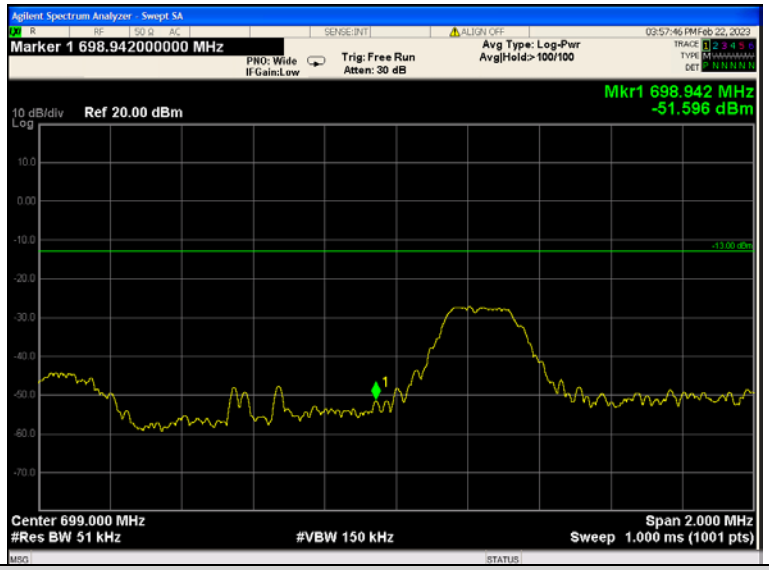

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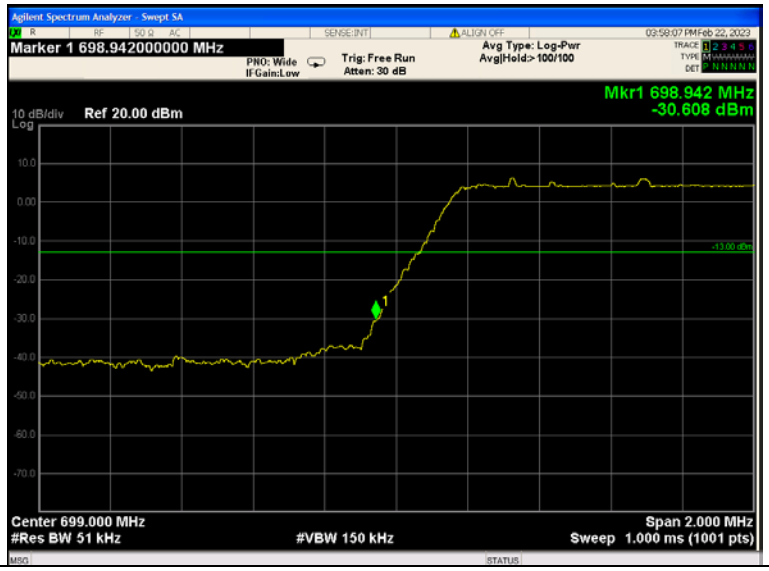

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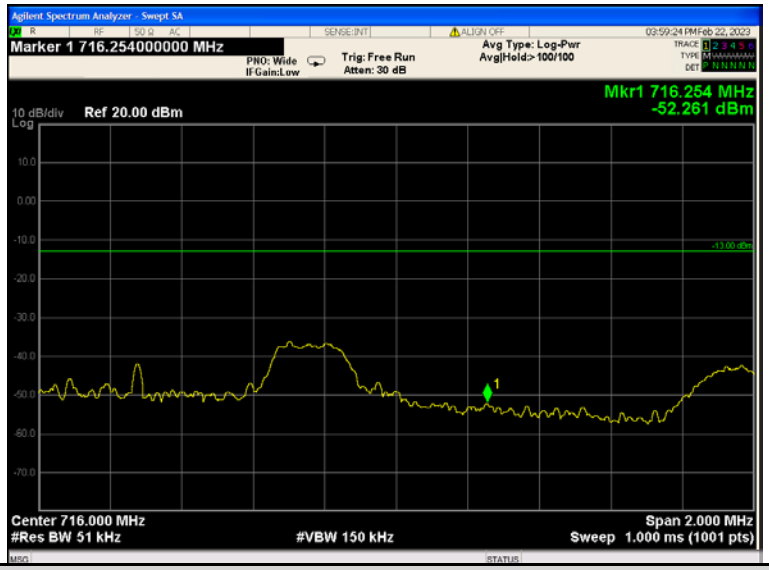

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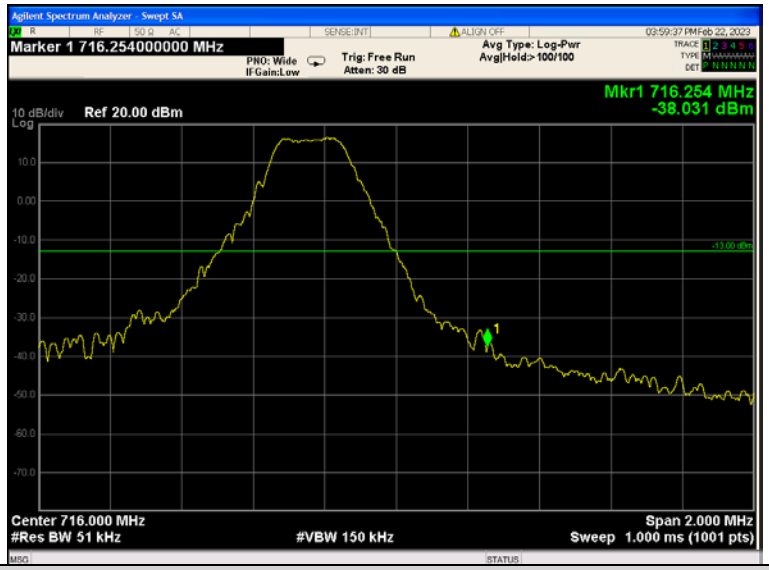

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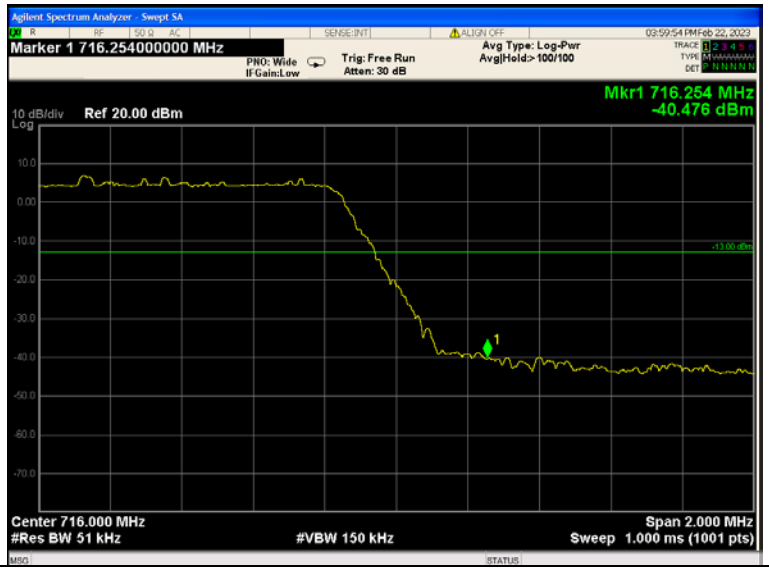

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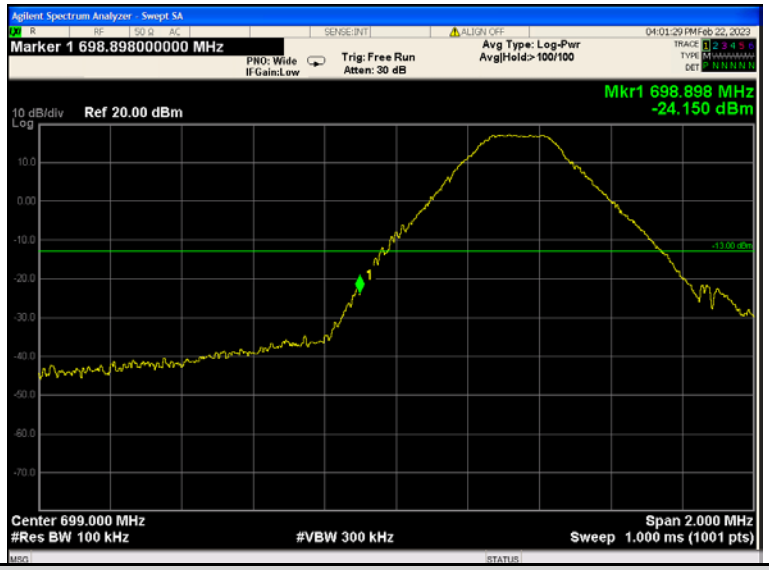

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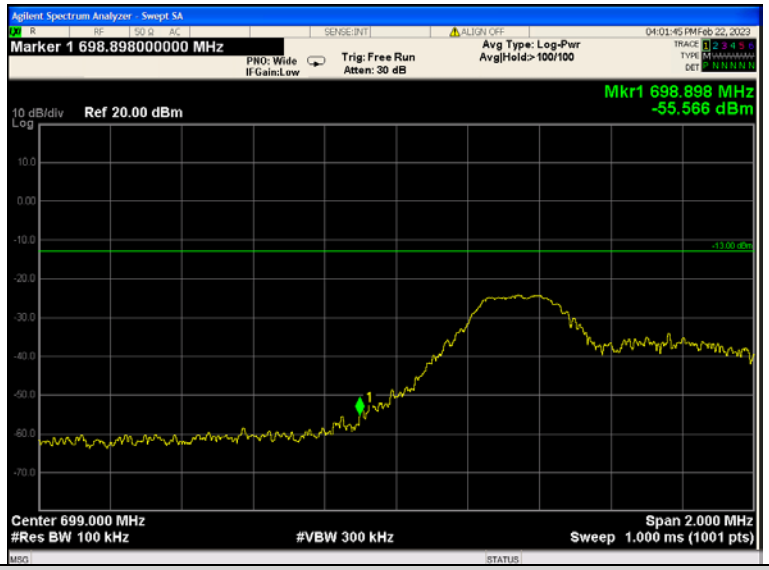

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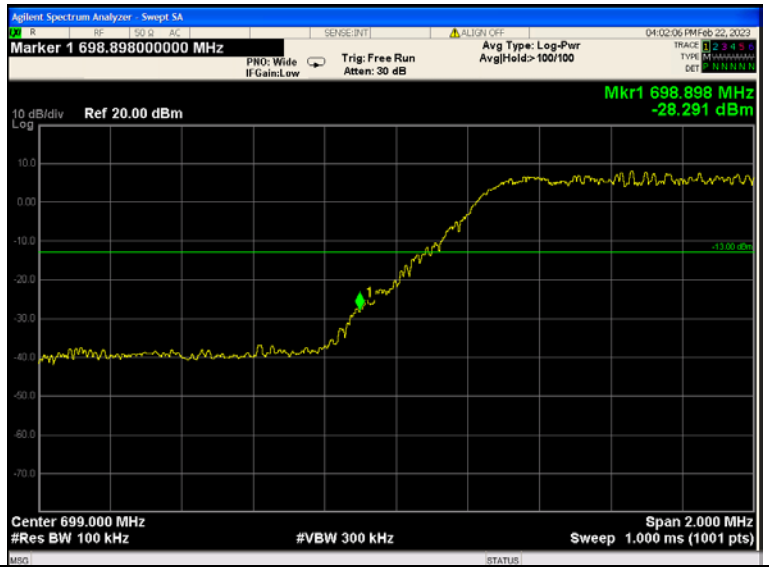

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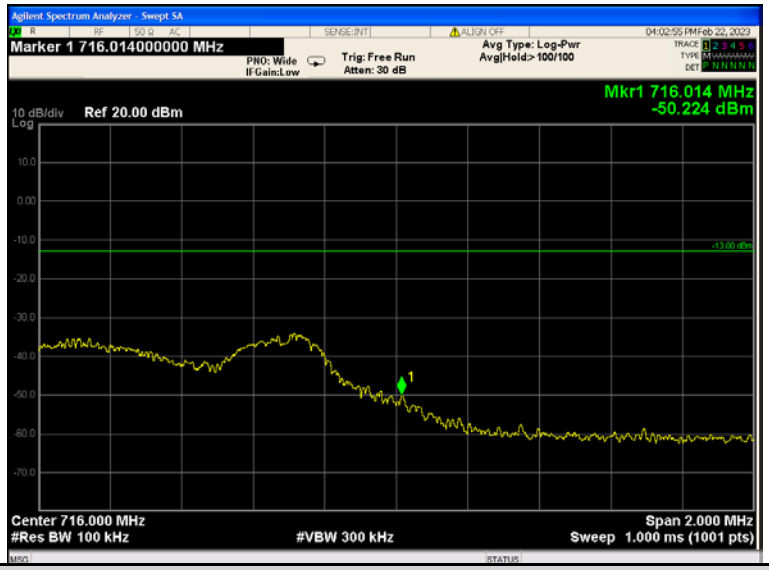

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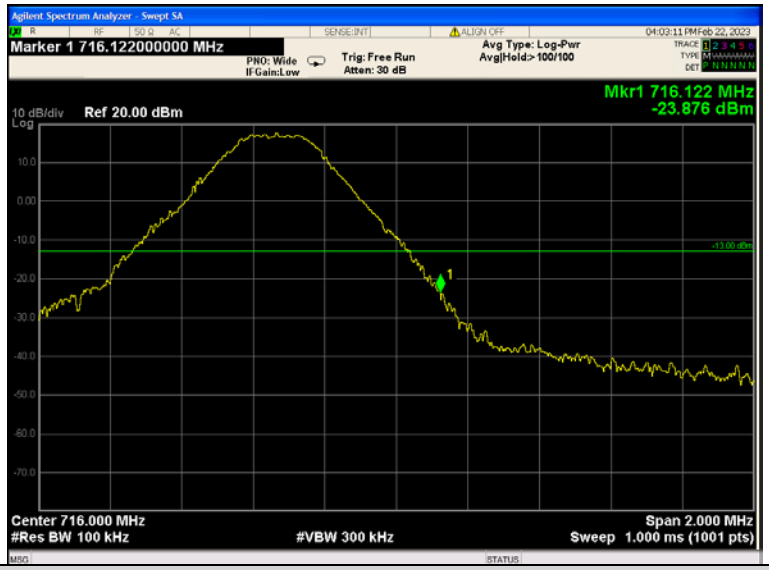

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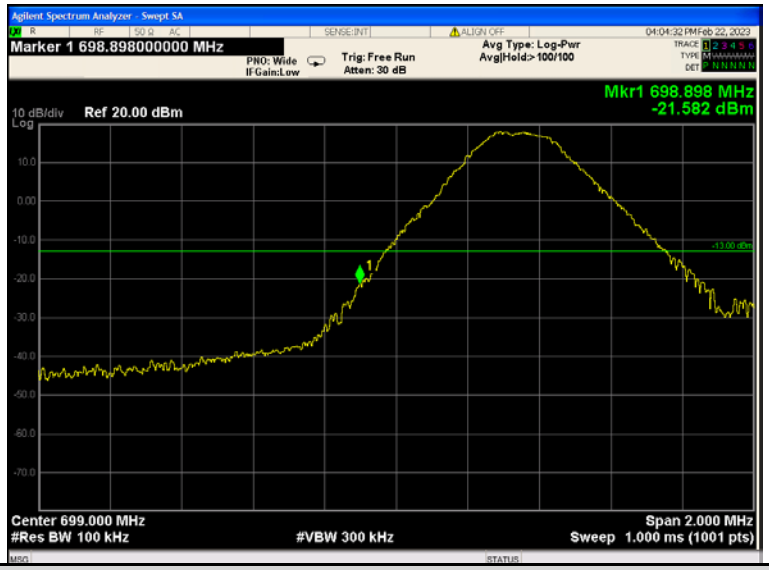

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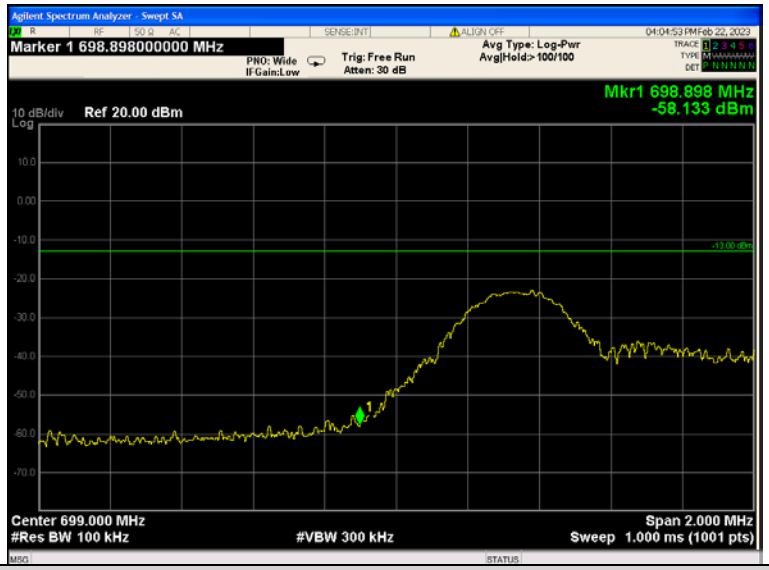

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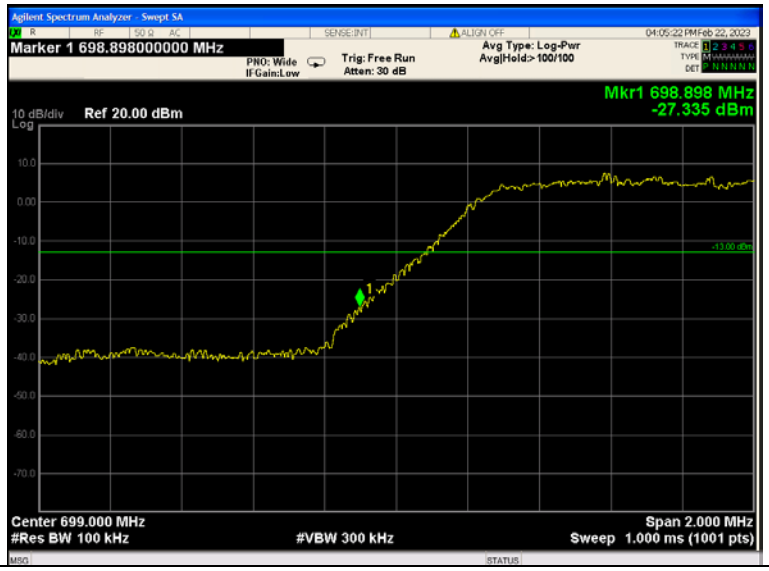

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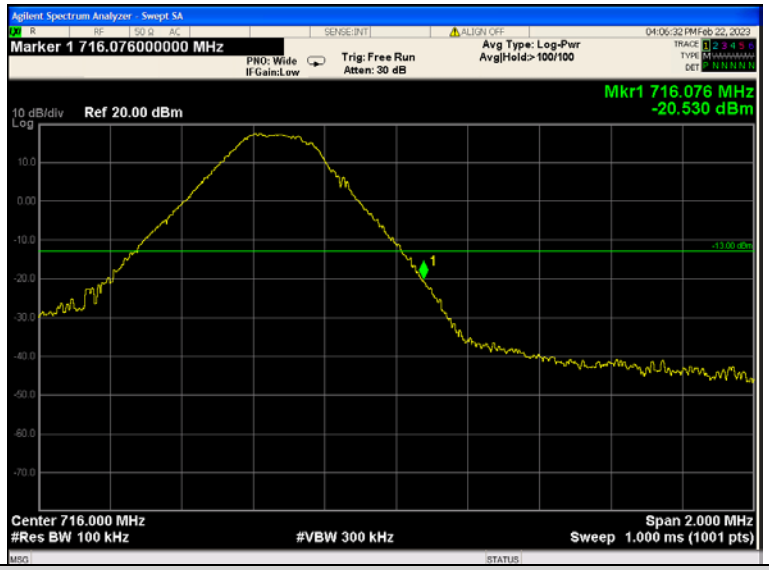

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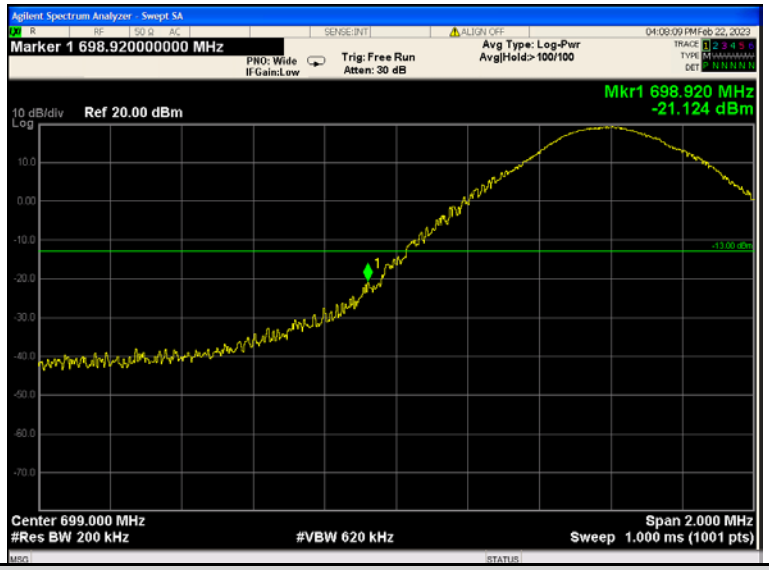

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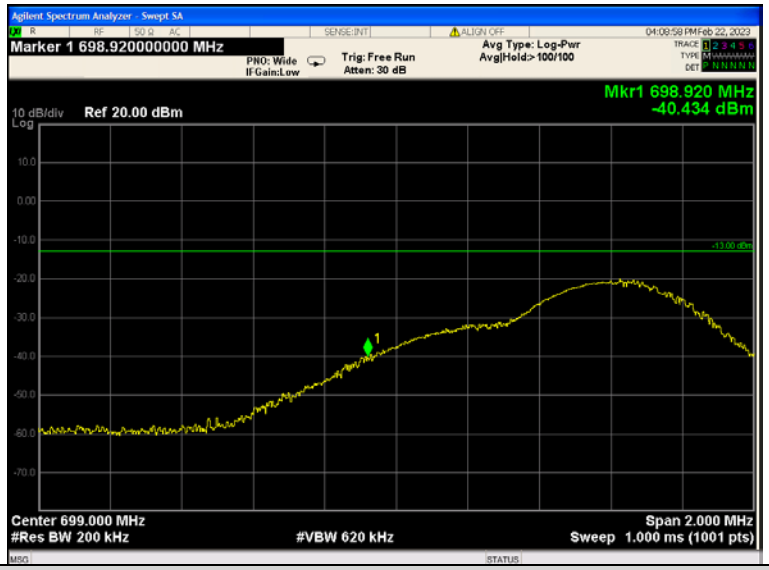

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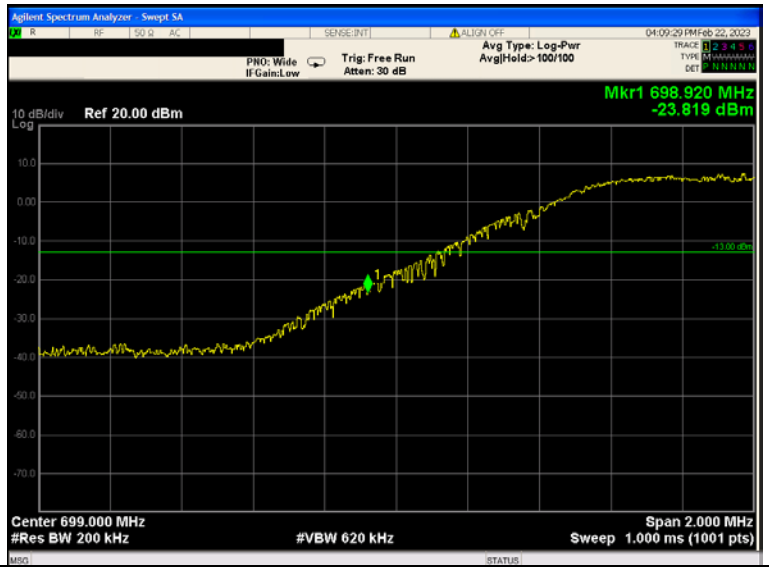

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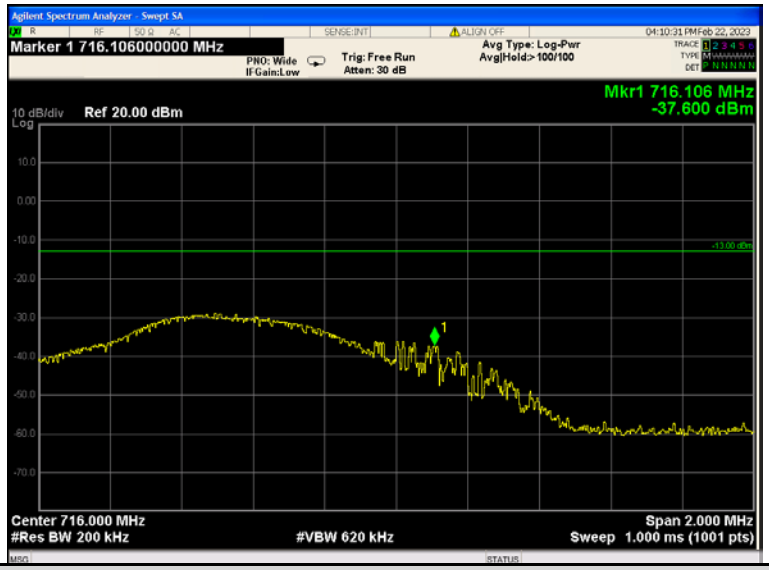

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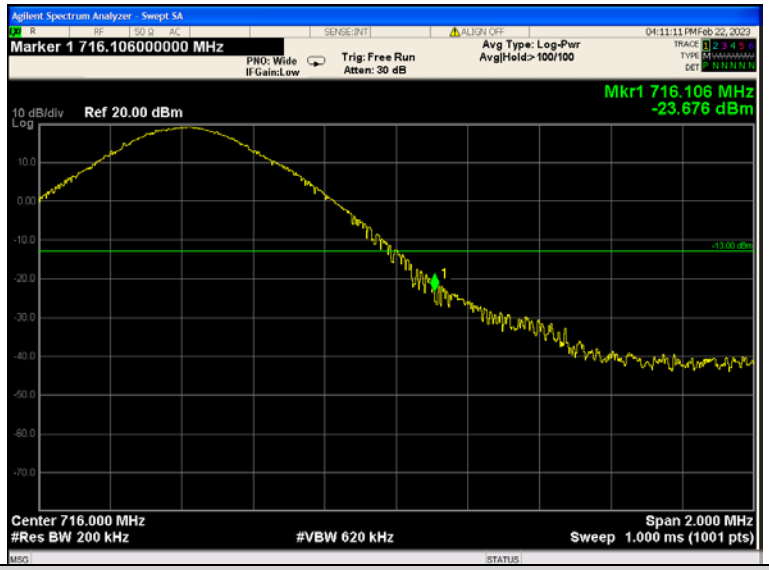

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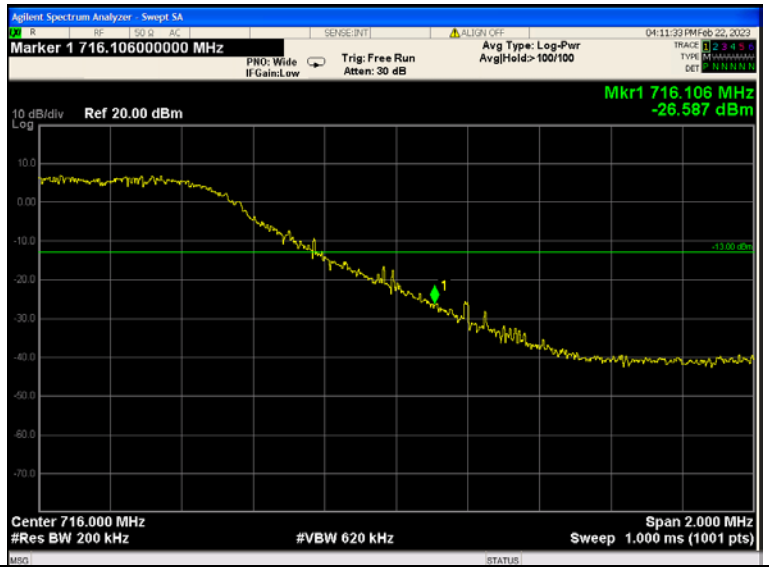

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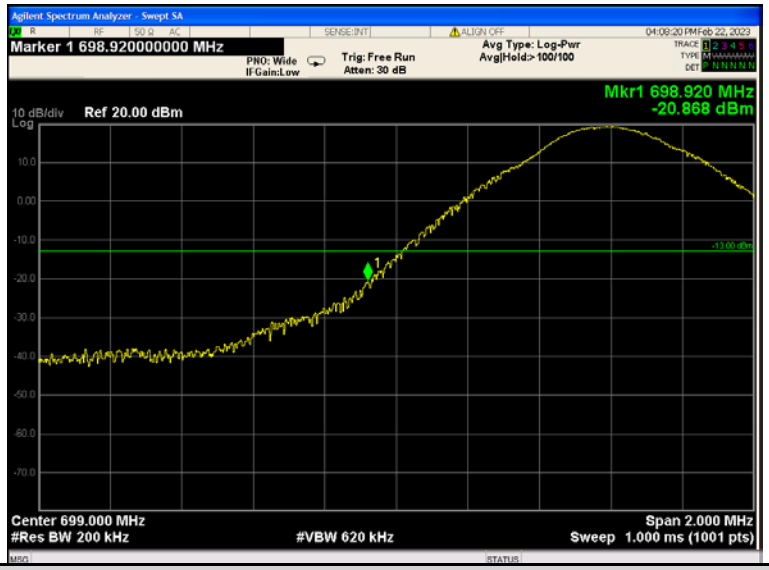

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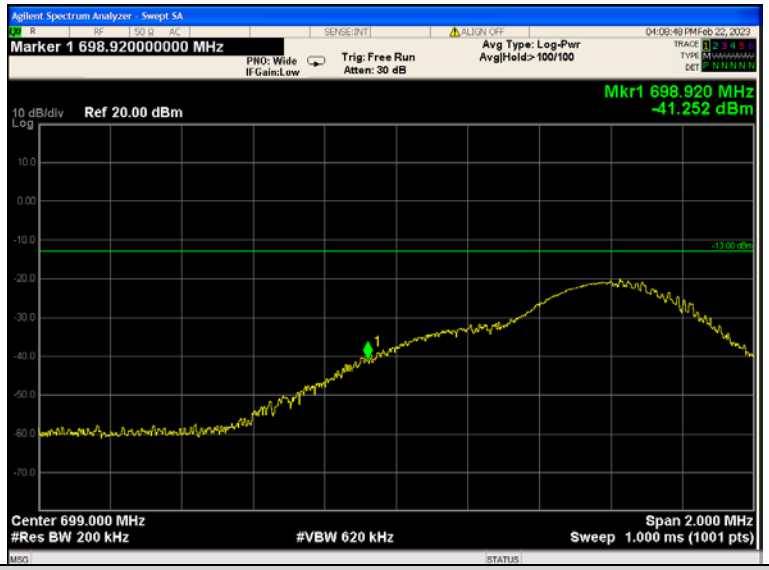

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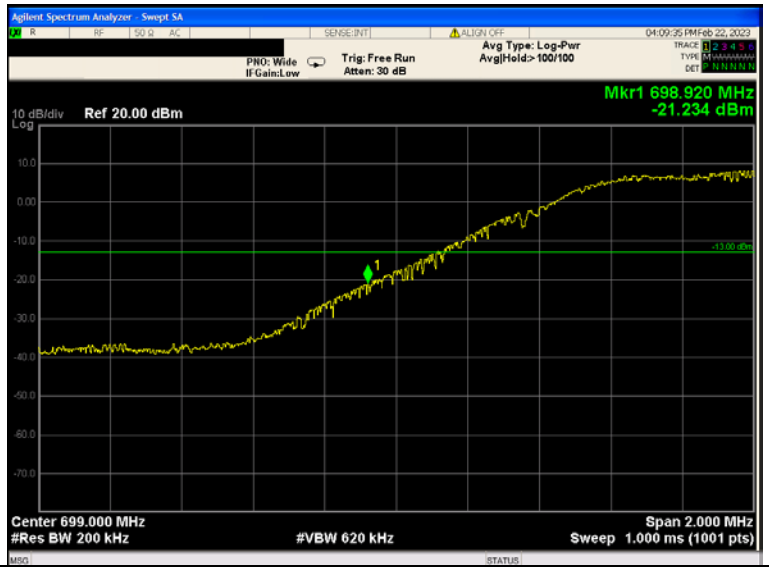

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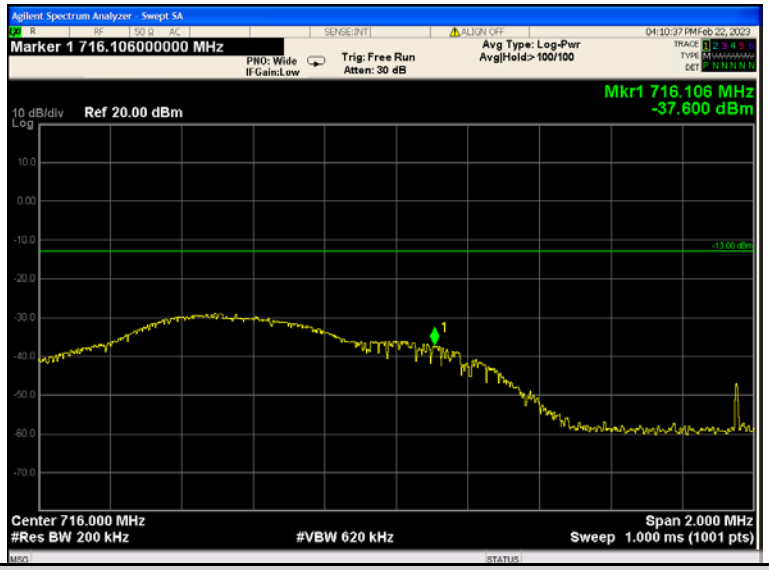

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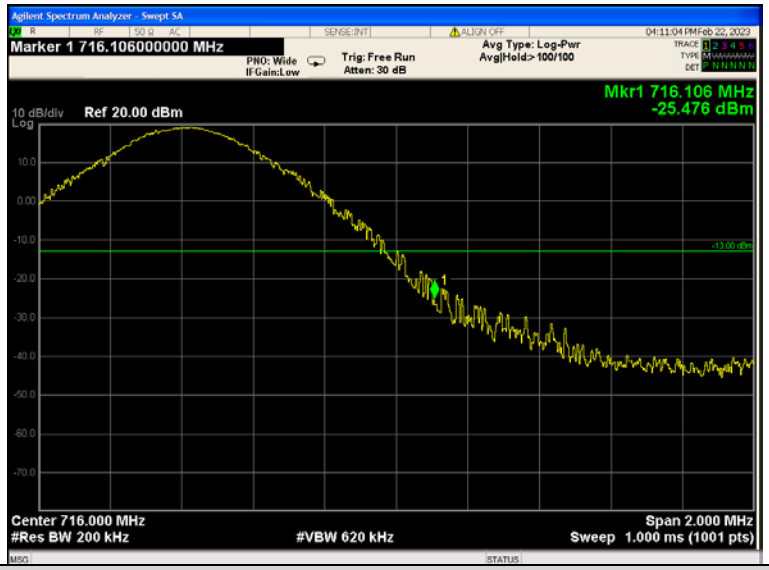

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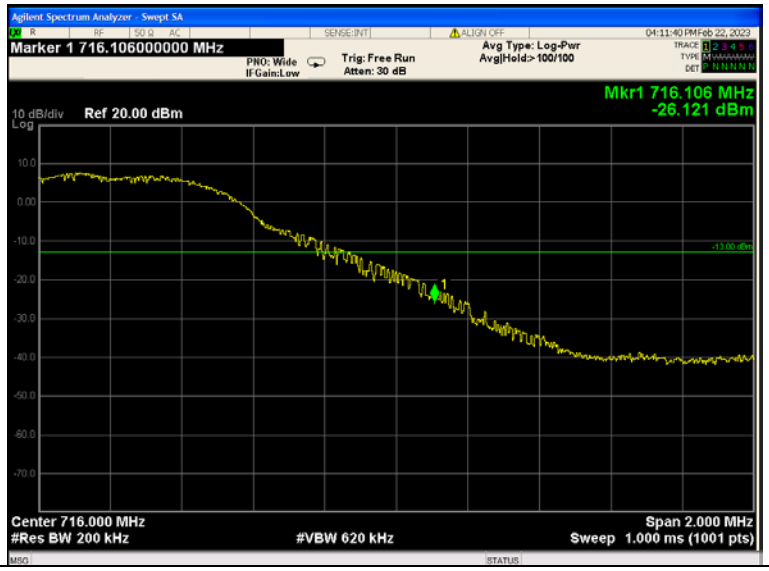


Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	3RB#1	Range1:0.009~0.15MHz	-64.54	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	Range2:0.15~30MHz	-48.05	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	Range3:30~1000MHz	-60.71	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	Range4:1000~5000MHz	-43.67	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	Range5:5000~12000MHz	-57.95	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	Range6:12000~26500MHz	-58.49	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	Range1:0.009~0.15MHz	-63.05	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	Range2:0.15~30MHz	-50.39	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	Range3:30~1000MHz	-60.92	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	Range4:1000~5000MHz	-42.86	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	Range5:5000~12000MHz	-57.94	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	Range6:12000~26500MHz	-58.64	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	Range1:0.009~0.15MHz	-64.9	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	Range2:0.15~30MHz	-50.34	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	Range3:30~1000MHz	-60.62	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	Range4:1000~5000MHz	-43.61	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	Range5:5000~12000MHz	-58.01	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	Range6:12000~26500MHz	-58.56	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	Range1:0.009~0.15MHz	-64.13	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	Range2:0.15~30MHz	-51.8	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	Range3:30~1000MHz	-60.92	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	Range4:1000~5000MHz	-43.85	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	Range5:5000~12000MHz	-58.05	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	Range6:12000~26500MHz	-58.43	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	Range1:0.009~0.15MHz	-62.32	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	Range2:0.15~30MHz	-50.05	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	Range3:30~1000MHz	-61.46	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	Range4:1000~5000MHz	-43.78	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	Range5:5000~12000MHz	-57.97	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	Range6:12000~26500MHz	-58.6	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	Range1:0.009~0.15MHz	-64.7	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	Range2:0.15~30MHz	-50.2	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	Range3:30~1000MHz	-61.5	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	Range4:1000~5000MHz	-43.9	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	Range5:5000~12000MHz	-57.97	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	Range6:12000~26500MHz	-58.45	PASS
Band12	3MHz	QPSK	23025	1RB#8	Range1:0.009~0.15MHz	-64.2	PASS
Band12	3MHz	QPSK	23025	1RB#8	Range2:0.15~30MHz	-50.39	PASS

Band12	3MHz	QPSK	23025	1RB#8	Range3:30~1000MHz	-60.28	PASS
Band12	3MHz	QPSK	23025	1RB#8	Range4:1000~5000MHz	-43.96	PASS
Band12	3MHz	QPSK	23025	1RB#8	Range5:5000~12000MHz	-57.95	PASS
Band12	3MHz	QPSK	23025	1RB#8	Range6:12000~26500MHz	-58.67	PASS
Band12	3MHz	QPSK	23095	1RB#8	Range1:0.009~0.15MHz	-63.24	PASS
Band12	3MHz	QPSK	23095	1RB#8	Range2:0.15~30MHz	-48.74	PASS
Band12	3MHz	QPSK	23095	1RB#8	Range3:30~1000MHz	-61.31	PASS
Band12	3MHz	QPSK	23095	1RB#8	Range4:1000~5000MHz	-42.44	PASS
Band12	3MHz	QPSK	23095	1RB#8	Range5:5000~12000MHz	-57.73	PASS
Band12	3MHz	QPSK	23095	1RB#8	Range6:12000~26500MHz	-58.45	PASS
Band12	3MHz	QPSK	23165	1RB#8	Range1:0.009~0.15MHz	-64.1	PASS
Band12	3MHz	QPSK	23165	1RB#8	Range2:0.15~30MHz	-50.75	PASS
Band12	3MHz	QPSK	23165	1RB#8	Range3:30~1000MHz	-61.02	PASS
Band12	3MHz	QPSK	23165	1RB#8	Range4:1000~5000MHz	-43.92	PASS
Band12	3MHz	QPSK	23165	1RB#8	Range5:5000~12000MHz	-57.88	PASS
Band12	3MHz	QPSK	23165	1RB#8	Range6:12000~26500MHz	-58.66	PASS
Band12	3MHz	16QAM	23025	1RB#8	Range1:0.009~0.15MHz	-64.16	PASS
Band12	3MHz	16QAM	23025	1RB#8	Range2:0.15~30MHz	-50.71	PASS
Band12	3MHz	16QAM	23025	1RB#8	Range3:30~1000MHz	-60.16	PASS
Band12	3MHz	16QAM	23025	1RB#8	Range4:1000~5000MHz	-43.97	PASS
Band12	3MHz	16QAM	23025	1RB#8	Range5:5000~12000MHz	-57.86	PASS
Band12	3MHz	16QAM	23025	1RB#8	Range6:12000~26500MHz	-58.61	PASS
Band12	3MHz	16QAM	23095	1RB#8	Range1:0.009~0.15MHz	-61.04	PASS
Band12	3MHz	16QAM	23095	1RB#8	Range2:0.15~30MHz	-49.79	PASS
Band12	3MHz	16QAM	23095	1RB#8	Range3:30~1000MHz	-61.42	PASS
Band12	3MHz	16QAM	23095	1RB#8	Range4:1000~5000MHz	-43.29	PASS
Band12	3MHz	16QAM	23095	1RB#8	Range5:5000~12000MHz	-58.02	PASS
Band12	3MHz	16QAM	23095	1RB#8	Range6:12000~26500MHz	-58.67	PASS
Band12	3MHz	16QAM	23165	1RB#8	Range1:0.009~0.15MHz	-63.59	PASS
Band12	3MHz	16QAM	23165	1RB#8	Range2:0.15~30MHz	-52.64	PASS
Band12	3MHz	16QAM	23165	1RB#8	Range3:30~1000MHz	-60.75	PASS
Band12	3MHz	16QAM	23165	1RB#8	Range4:1000~5000MHz	-43.93	PASS
Band12	3MHz	16QAM	23165	1RB#8	Range5:5000~12000MHz	-57.94	PASS
Band12	3MHz	16QAM	23165	1RB#8	Range6:12000~26500MHz	-58.69	PASS
Band12	5MHz	QPSK	23035	1RB#12	Range1:0.009~0.15MHz	-63.5	PASS
Band12	5MHz	QPSK	23035	1RB#12	Range2:0.15~30MHz	-51.54	PASS
Band12	5MHz	QPSK	23035	1RB#12	Range3:30~1000MHz	-60.28	PASS
Band12	5MHz	QPSK	23035	1RB#12	Range4:1000~5000MHz	-43.7	PASS
Band12	5MHz	QPSK	23035	1RB#12	Range5:5000~12000MHz	-57.33	PASS
Band12	5MHz	QPSK	23035	1RB#12	Range6:12000~26500MHz	-58.4	PASS
Band12	5MHz	QPSK	23095	1RB#12	Range1:0.009~0.15MHz	-63.03	PASS
Band12	5MHz	QPSK	23095	1RB#12	Range2:0.15~30MHz	-50.71	PASS
Band12	5MHz	QPSK	23095	1RB#12	Range3:30~1000MHz	-61.02	PASS

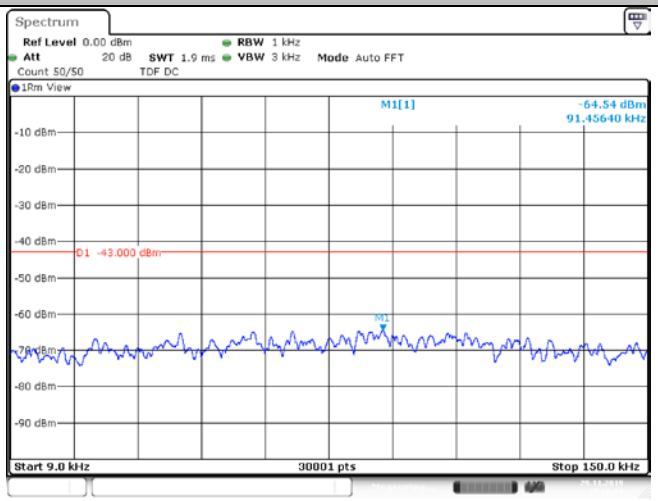
Band12	5MHz	QPSK	23095	1RB#12	Range4:1000~5000MHz	-41.97	PASS
Band12	5MHz	QPSK	23095	1RB#12	Range5:5000~12000MHz	-57.76	PASS
Band12	5MHz	QPSK	23095	1RB#12	Range6:12000~26500MHz	-58.48	PASS
Band12	5MHz	QPSK	23155	1RB#12	Range1:0.009~0.15MHz	-64.24	PASS
Band12	5MHz	QPSK	23155	1RB#12	Range2:0.15~30MHz	-51.23	PASS
Band12	5MHz	QPSK	23155	1RB#12	Range3:30~1000MHz	-60.16	PASS
Band12	5MHz	QPSK	23155	1RB#12	Range4:1000~5000MHz	-43.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	Range5:5000~12000MHz	-57.88	PASS
Band12	5MHz	QPSK	23155	1RB#12	Range6:12000~26500MHz	-58.46	PASS
Band12	5MHz	16QAM	23035	1RB#12	Range1:0.009~0.15MHz	-64.58	PASS
Band12	5MHz	16QAM	23035	1RB#12	Range2:0.15~30MHz	-49.99	PASS
Band12	5MHz	16QAM	23035	1RB#12	Range3:30~1000MHz	-60.89	PASS
Band12	5MHz	16QAM	23035	1RB#12	Range4:1000~5000MHz	-43.67	PASS
Band12	5MHz	16QAM	23035	1RB#12	Range5:5000~12000MHz	-57.58	PASS
Band12	5MHz	16QAM	23035	1RB#12	Range6:12000~26500MHz	-58.38	PASS
Band12	5MHz	16QAM	23095	1RB#12	Range1:0.009~0.15MHz	-63.92	PASS
Band12	5MHz	16QAM	23095	1RB#12	Range2:0.15~30MHz	-53.15	PASS
Band12	5MHz	16QAM	23095	1RB#12	Range3:30~1000MHz	-60.57	PASS
Band12	5MHz	16QAM	23095	1RB#12	Range4:1000~5000MHz	-42.66	PASS
Band12	5MHz	16QAM	23095	1RB#12	Range5:5000~12000MHz	-57.8	PASS
Band12	5MHz	16QAM	23095	1RB#12	Range6:12000~26500MHz	-58.47	PASS
Band12	5MHz	16QAM	23155	1RB#12	Range1:0.009~0.15MHz	-65.03	PASS
Band12	5MHz	16QAM	23155	1RB#12	Range2:0.15~30MHz	-54.41	PASS
Band12	5MHz	16QAM	23155	1RB#12	Range3:30~1000MHz	-61.12	PASS
Band12	5MHz	16QAM	23155	1RB#12	Range4:1000~5000MHz	-43.84	PASS
Band12	5MHz	16QAM	23155	1RB#12	Range5:5000~12000MHz	-57.78	PASS
Band12	5MHz	16QAM	23155	1RB#12	Range6:12000~26500MHz	-58.32	PASS
Band12	10MHz	QPSK	23060	1RB#24	Range1:0.009~0.15MHz	-64.47	PASS
Band12	10MHz	QPSK	23060	1RB#24	Range2:0.15~30MHz	-49.95	PASS
Band12	10MHz	QPSK	23060	1RB#24	Range3:30~1000MHz	-60.26	PASS
Band12	10MHz	QPSK	23060	1RB#24	Range4:1000~5000MHz	-43.87	PASS
Band12	10MHz	QPSK	23060	1RB#24	Range5:5000~12000MHz	-57.93	PASS
Band12	10MHz	QPSK	23060	1RB#24	Range6:12000~26500MHz	-58.51	PASS
Band12	10MHz	QPSK	23095	1RB#24	Range1:0.009~0.15MHz	-64.4	PASS
Band12	10MHz	QPSK	23095	1RB#24	Range2:0.15~30MHz	-50.73	PASS
Band12	10MHz	QPSK	23095	1RB#24	Range3:30~1000MHz	-61.3	PASS
Band12	10MHz	QPSK	23095	1RB#24	Range4:1000~5000MHz	-43.91	PASS
Band12	10MHz	QPSK	23095	1RB#24	Range5:5000~12000MHz	-58.06	PASS
Band12	10MHz	QPSK	23095	1RB#24	Range6:12000~26500MHz	-58.6	PASS
Band12	10MHz	QPSK	23130	1RB#24	Range1:0.009~0.15MHz	-63.66	PASS
Band12	10MHz	QPSK	23130	1RB#24	Range2:0.15~30MHz	-50.23	PASS
Band12	10MHz	QPSK	23130	1RB#24	Range3:30~1000MHz	-61.07	PASS
Band12	10MHz	QPSK	23130	1RB#24	Range4:1000~5000MHz	-42.36	PASS

Band12	10MHz	QPSK	23130	1RB#24	Range5:5000~12000MHz	-57.96	PASS
Band12	10MHz	QPSK	23130	1RB#24	Range6:12000~26500MHz	-58.68	PASS
Band12	10MHz	16QAM	23060	1RB#24	Range1:0.009~0.15MHz	-64.56	PASS
Band12	10MHz	16QAM	23060	1RB#24	Range2:0.15~30MHz	-50.57	PASS
Band12	10MHz	16QAM	23060	1RB#24	Range3:30~1000MHz	-60.32	PASS
Band12	10MHz	16QAM	23060	1RB#24	Range4:1000~5000MHz	-43.82	PASS
Band12	10MHz	16QAM	23060	1RB#24	Range5:5000~12000MHz	-58.08	PASS
Band12	10MHz	16QAM	23060	1RB#24	Range6:12000~26500MHz	-58.6	PASS
Band12	10MHz	16QAM	23095	1RB#24	Range1:0.009~0.15MHz	-61.21	PASS
Band12	10MHz	16QAM	23095	1RB#24	Range2:0.15~30MHz	-52.6	PASS
Band12	10MHz	16QAM	23095	1RB#24	Range3:30~1000MHz	-61.31	PASS
Band12	10MHz	16QAM	23095	1RB#24	Range4:1000~5000MHz	-43.93	PASS
Band12	10MHz	16QAM	23095	1RB#24	Range5:5000~12000MHz	-58.1	PASS
Band12	10MHz	16QAM	23095	1RB#24	Range6:12000~26500MHz	-58.55	PASS
Band12	10MHz	16QAM	23130	1RB#24	Range1:0.009~0.15MHz	-63.21	PASS
Band12	10MHz	16QAM	23130	1RB#24	Range2:0.15~30MHz	-51.84	PASS
Band12	10MHz	16QAM	23130	1RB#24	Range3:30~1000MHz	-60.47	PASS
Band12	10MHz	16QAM	23130	1RB#24	Range4:1000~5000MHz	-43.14	PASS
Band12	10MHz	16QAM	23130	1RB#24	Range5:5000~12000MHz	-58.07	PASS
Band12	10MHz	16QAM	23130	1RB#24	Range6:12000~26500MHz	-58.71	PASS

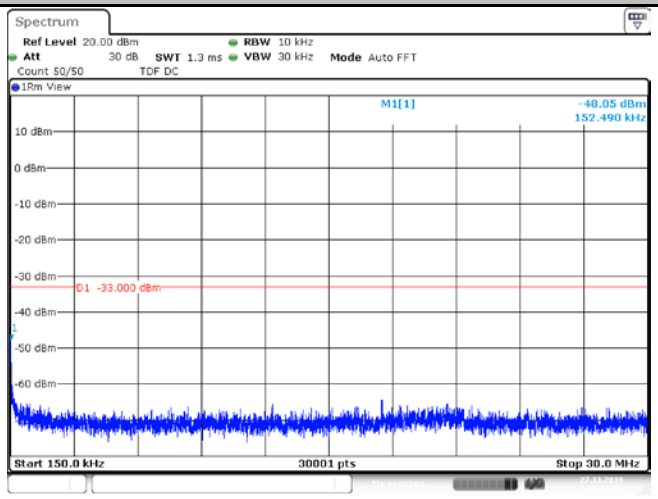
All the RB Configurations were tested and only record the worst result.

Test Graphs

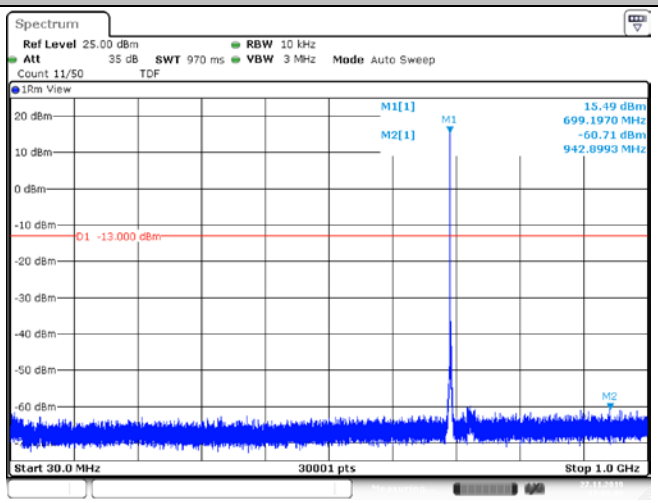
Band12_1.4MHz_QPSK_23017_3RB#1



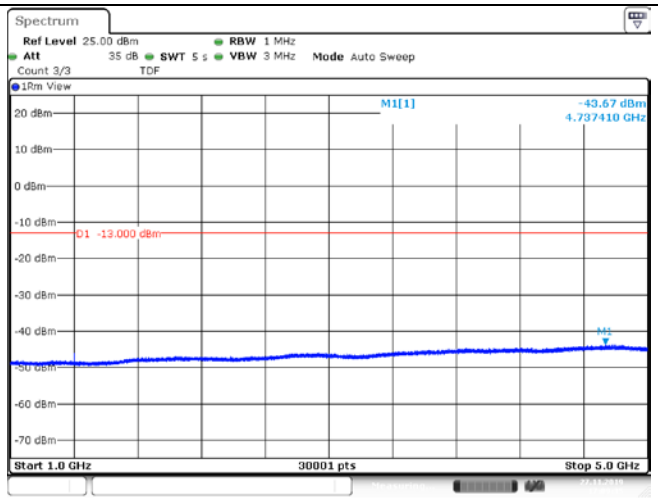
Band12_1.4MHz_QPSK_23017_3RB#1



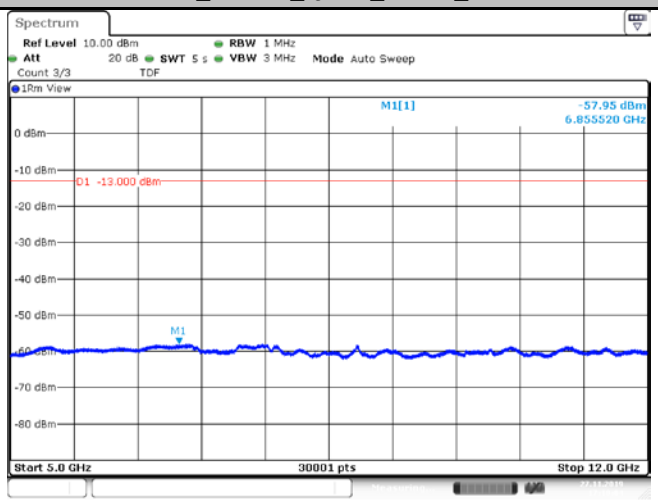
Band12_1.4MHz_QPSK_23017_3RB#1



Band12_1.4MHz_QPSK_23017_3RB#1



Band12_1.4MHz_QPSK_23017_3RB#1



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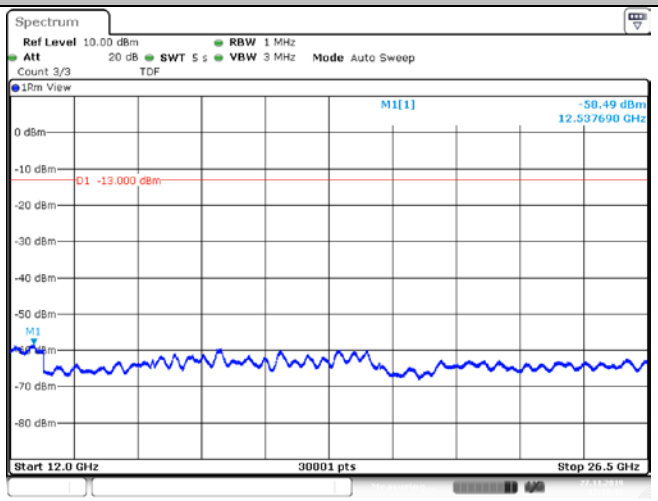
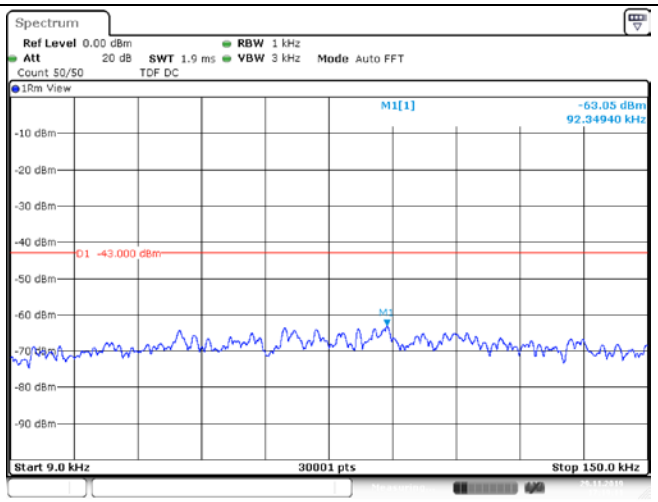


Band12_1.4MHz_QPSK_23095_3RB#1



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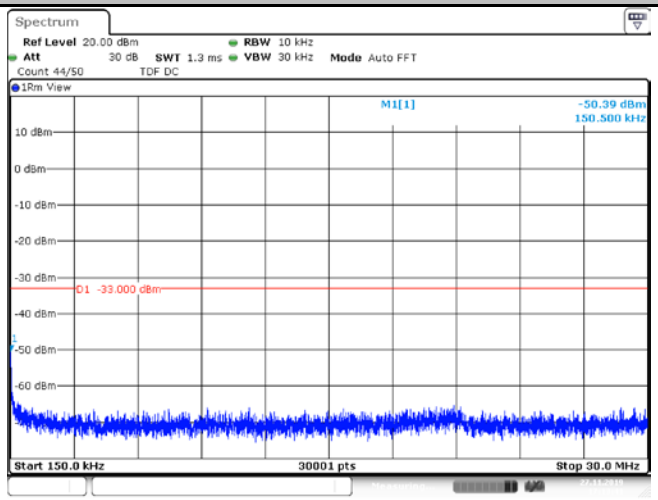
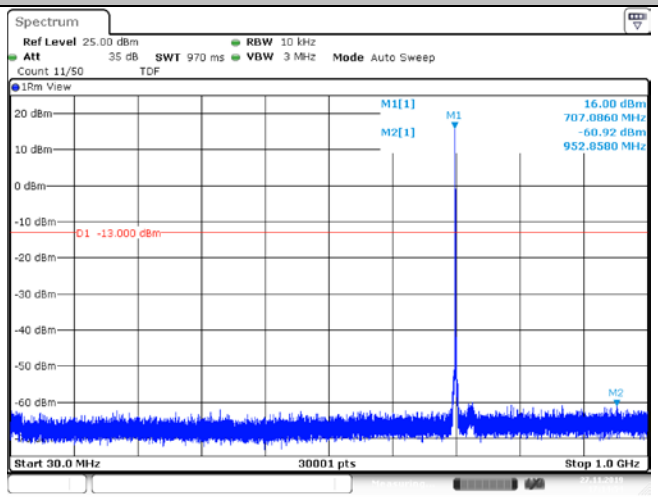


Band12_1.4MHz_QPSK_23095_3RB#1



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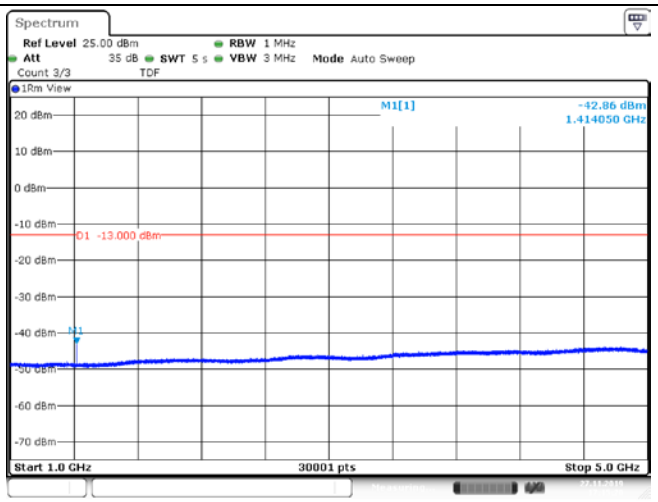
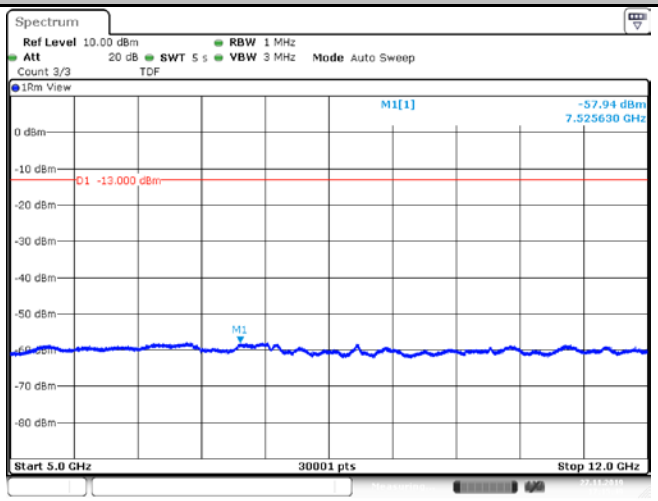
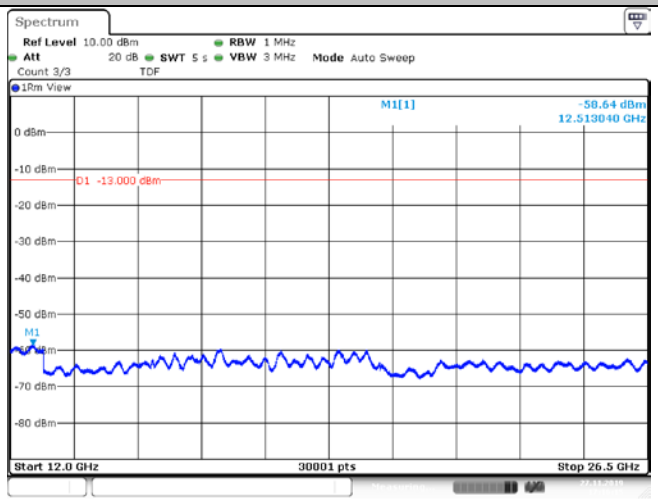


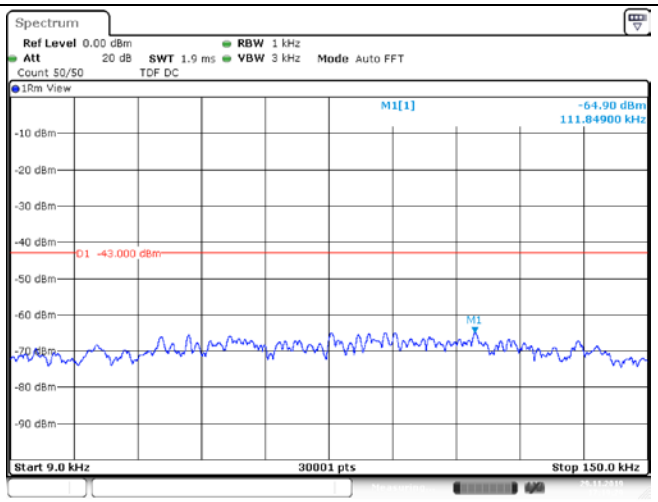
Band12_1.4MHz_QPSK_23095_3RB#1



Band12_1.4MHz_QPSK_23095_3RB#1



Band12_1.4MHz_QPSK_23173_3RB#1



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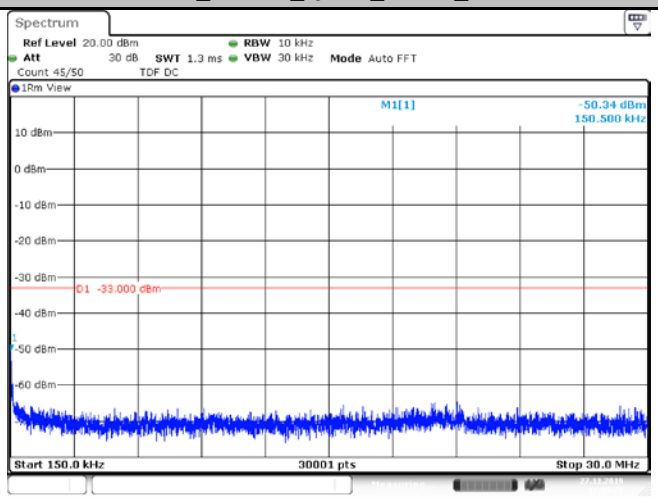

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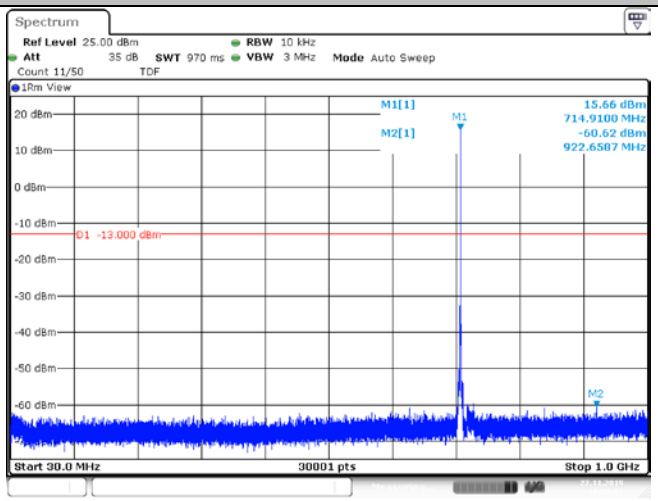

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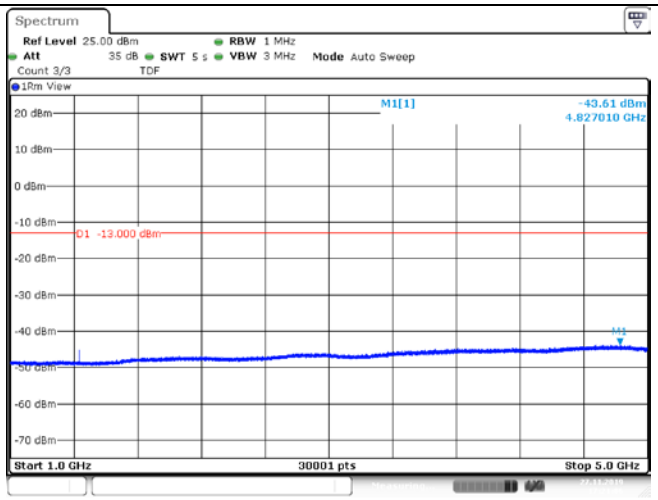
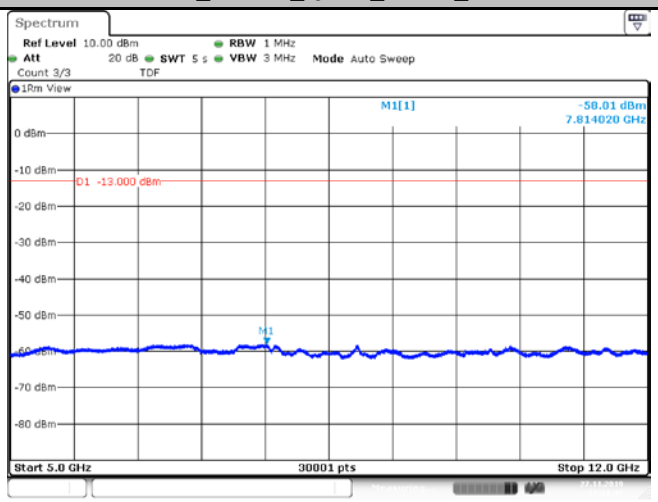
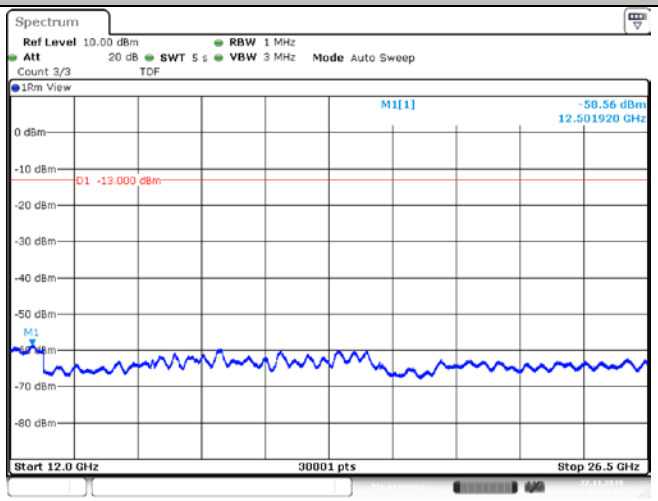


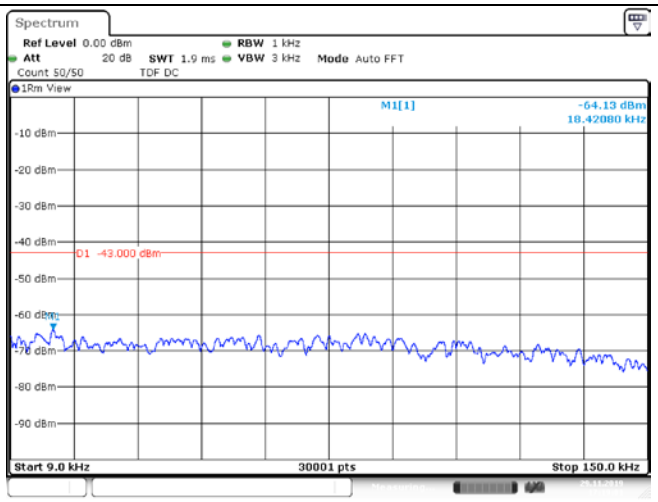
Band12_1.4MHz_QPSK_23173_3RB#1



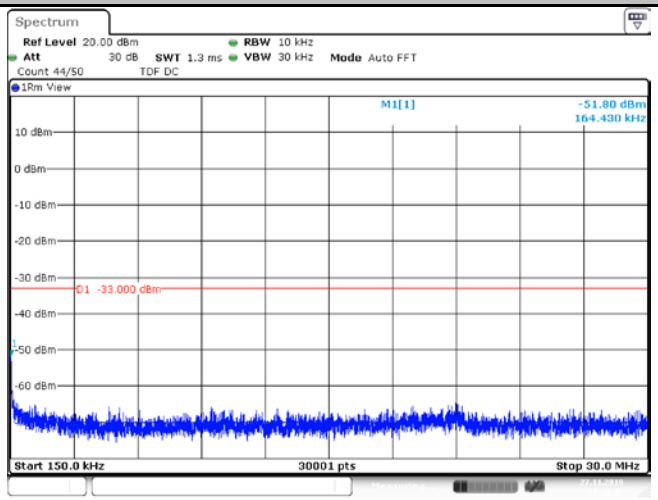
Band12_1.4MHz_QPSK_23173_3RB#1



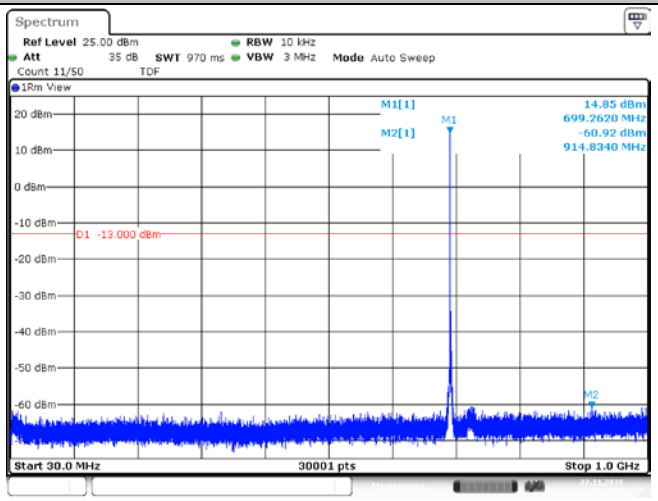
Band12_1.4MHz_16QAM_23017_1RB#2



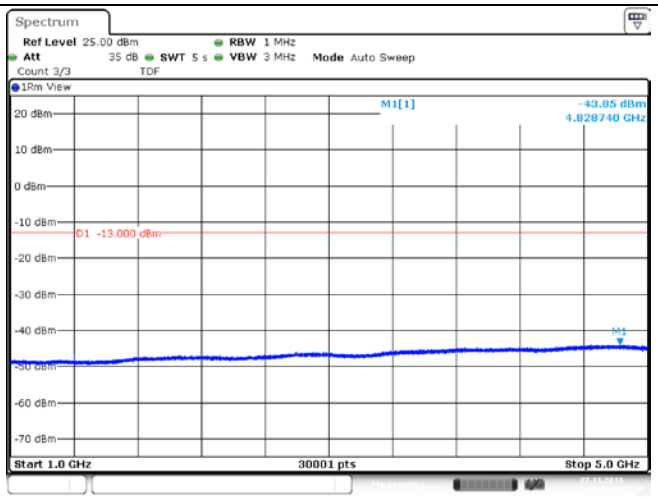
Band12_1.4MHz_16QAM_23017_1RB#2



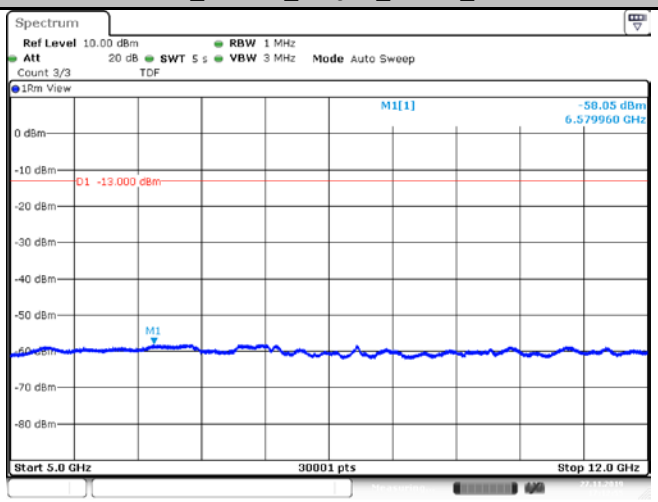
Band12_1.4MHz_16QAM_23017_1RB#2



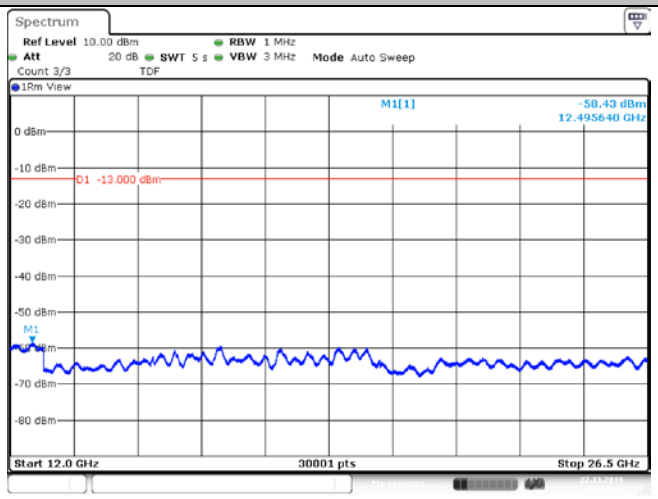
Band12_1.4MHz_16QAM_23017_1RB#2



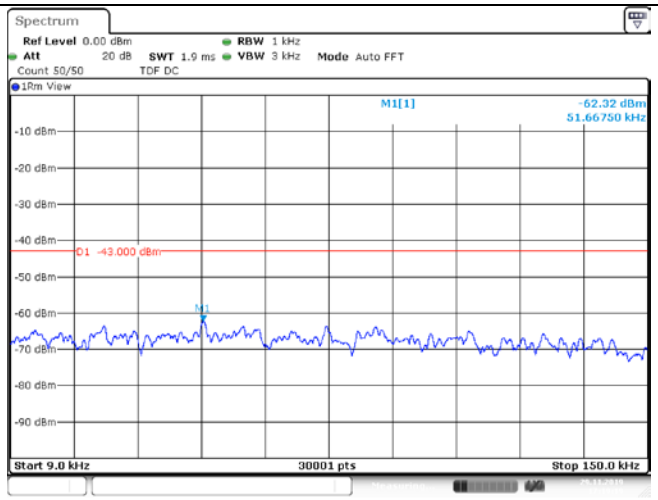
Band12_1.4MHz_16QAM_23017_1RB#2



Band12_1.4MHz_16QAM_23017_1RB#2



Band12_1.4MHz_16QAM_23095_1RB#2



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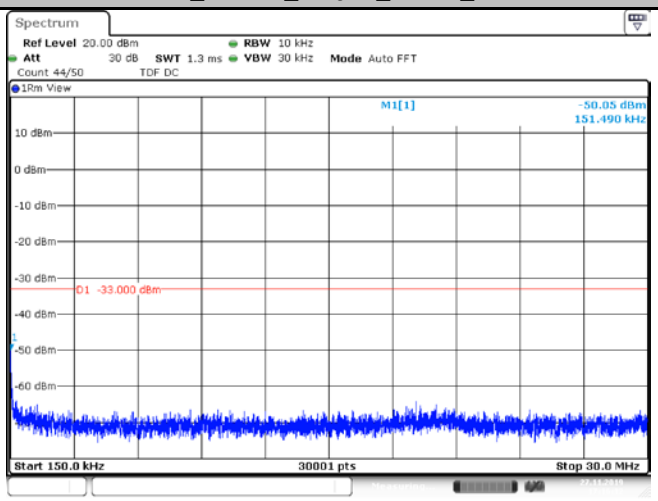
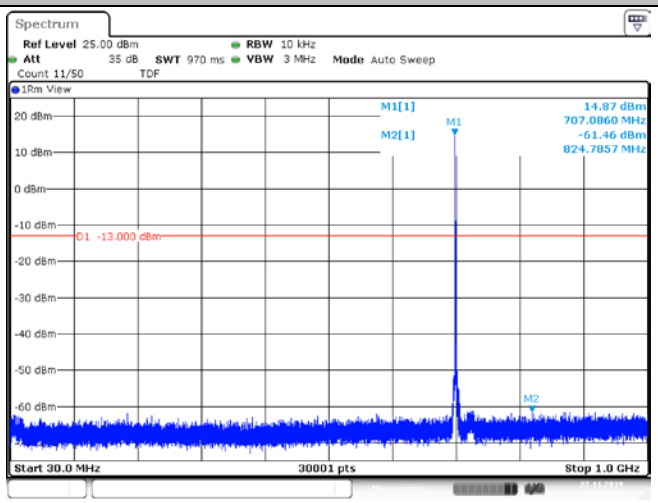
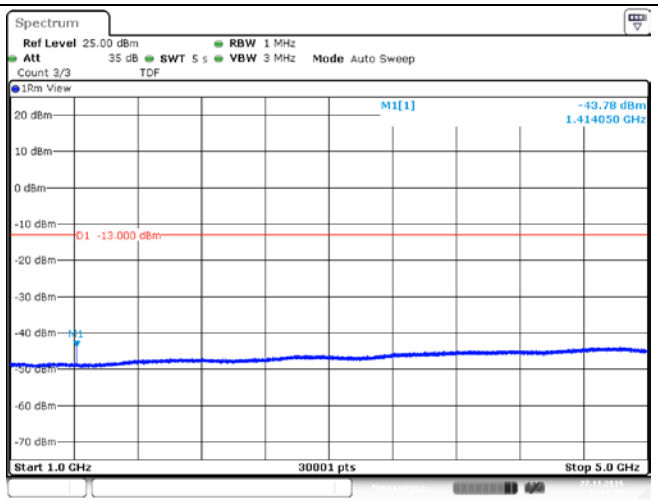


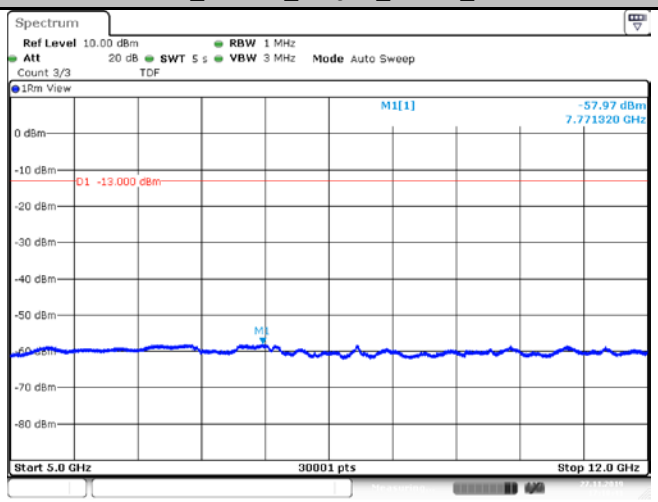
Band12_1.4MHz_16QAM_23095_1RB#2



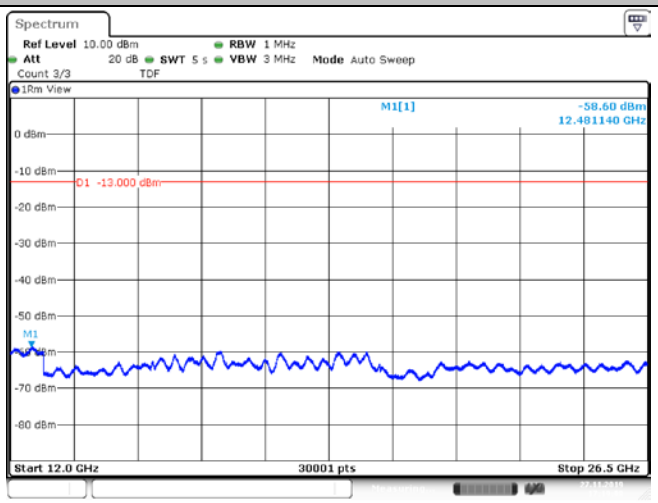
Band12_1.4MHz_16QAM_23095_1RB#2



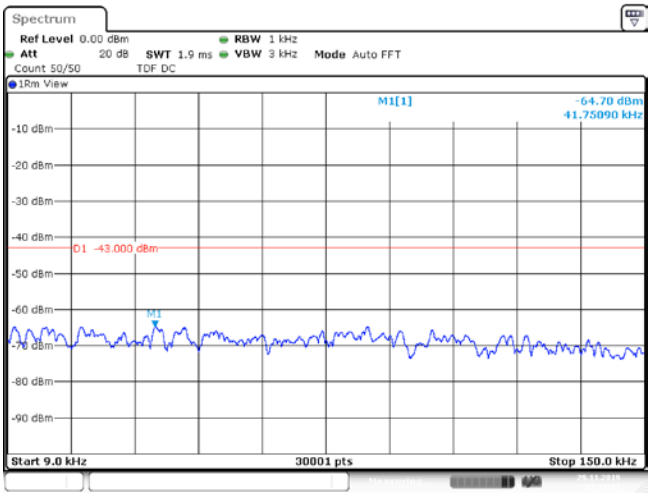
Band12_1.4MHz_16QAM_23095_1RB#2



Band12_1.4MHz_16QAM_23095_1RB#2



Band12_1.4MHz_16QAM_23173_1RB#2



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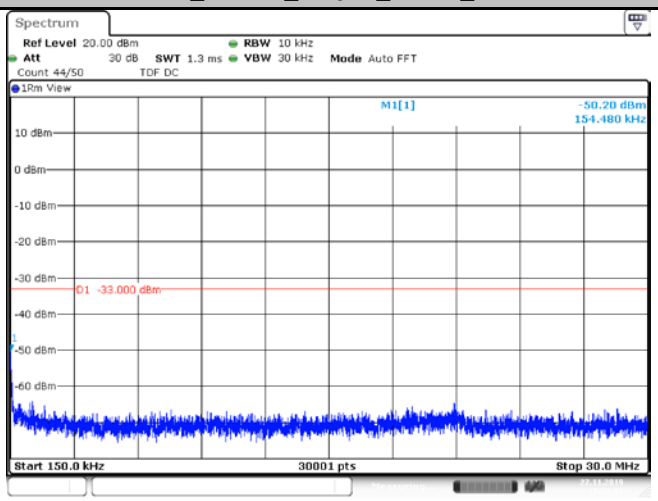

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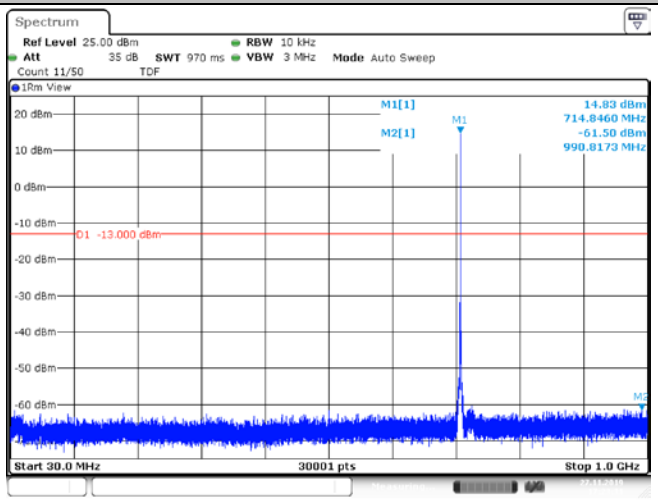

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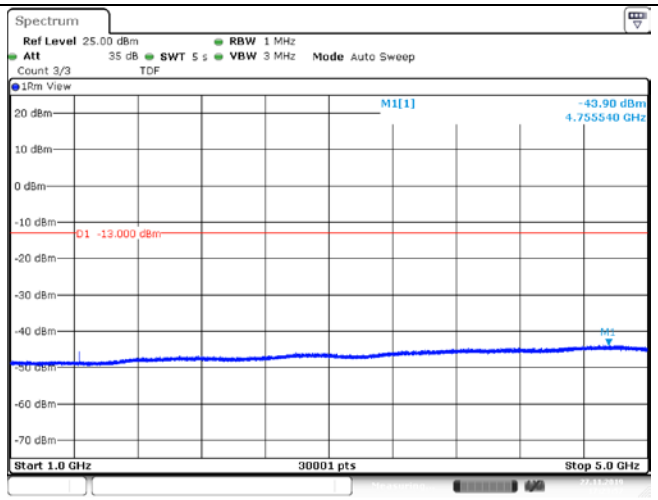

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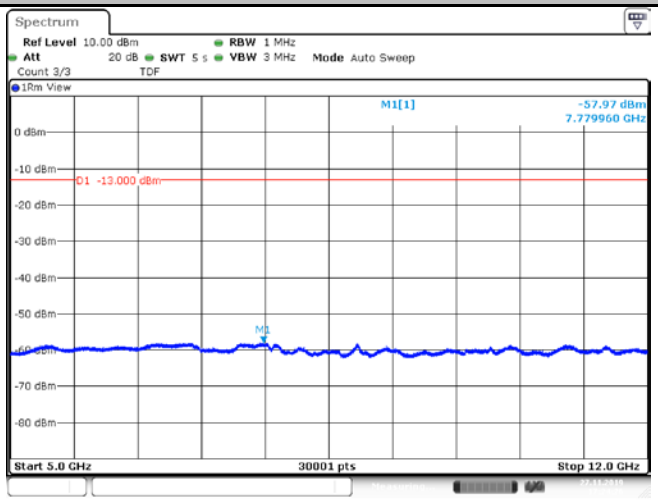

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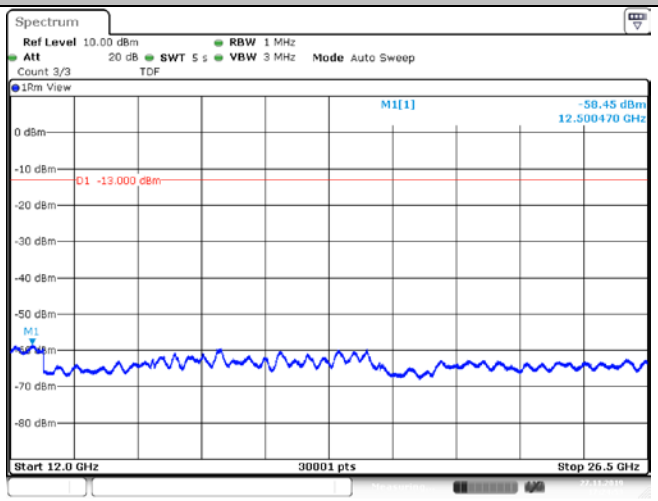
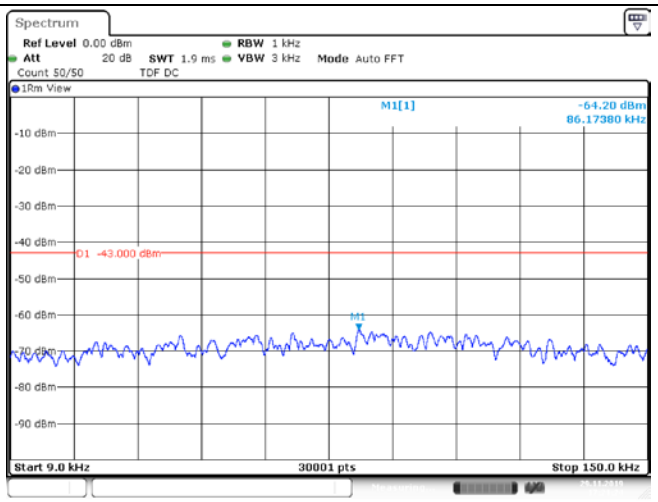


Band12_3MHz_QPSK_23025_1RB#8



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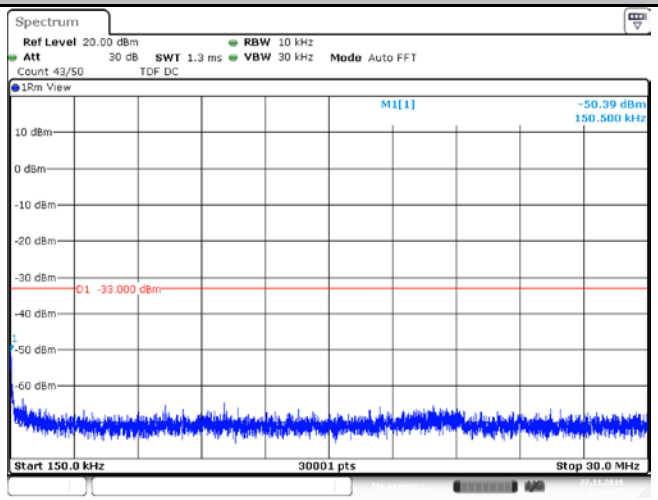

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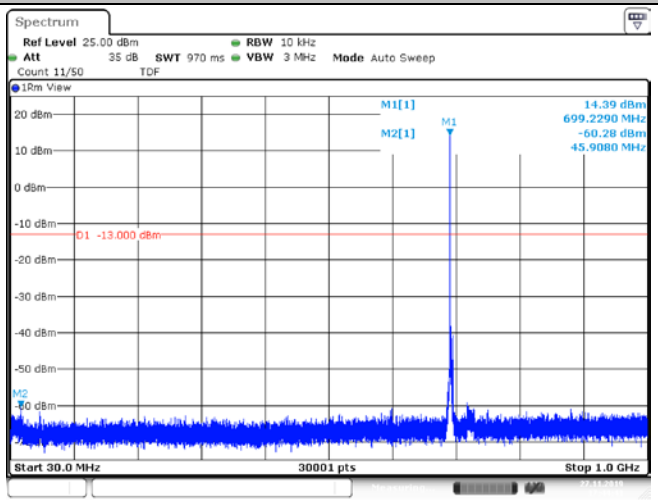

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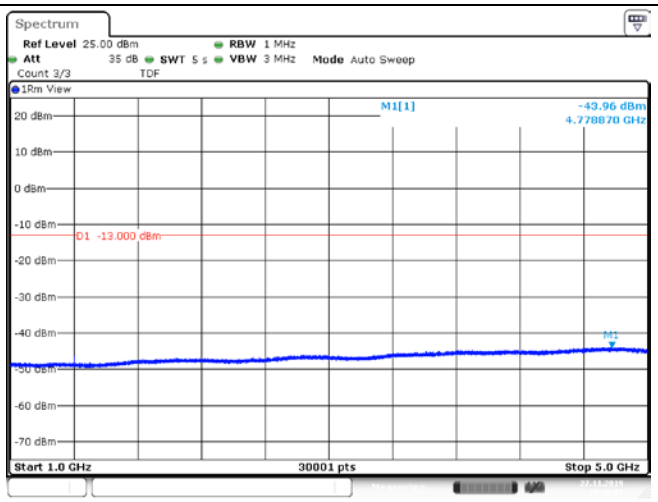

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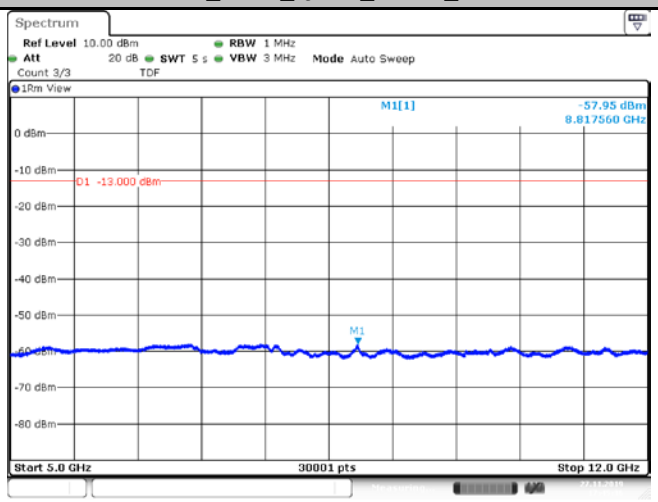

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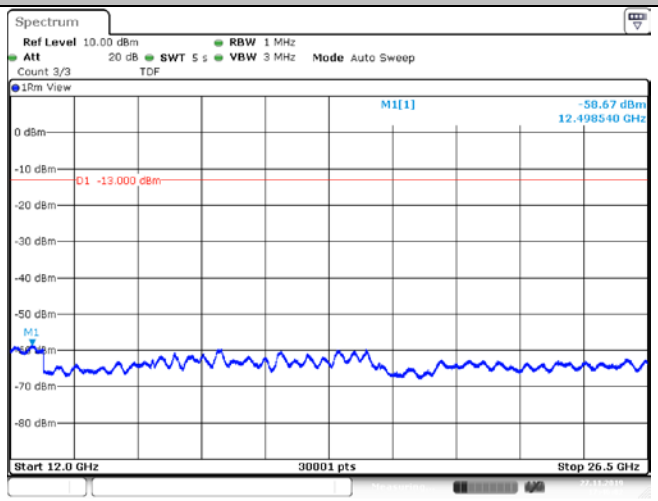

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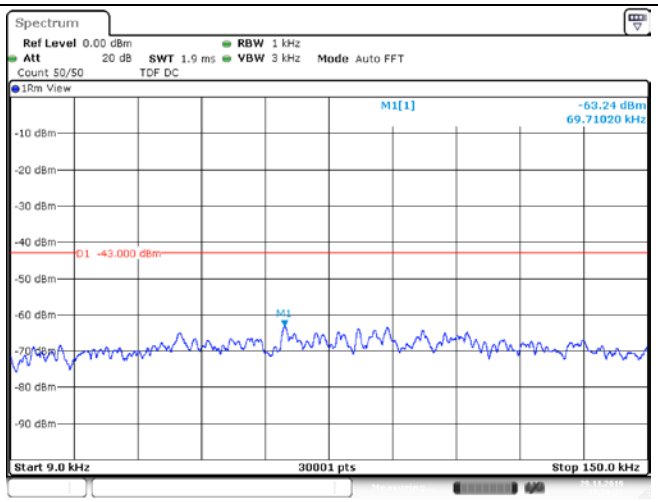

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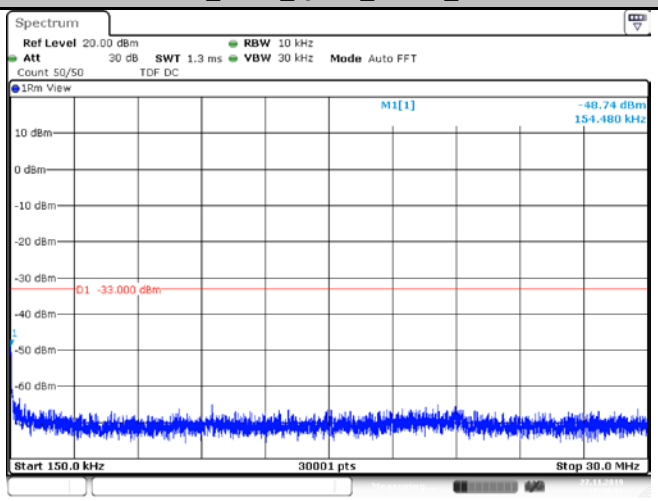

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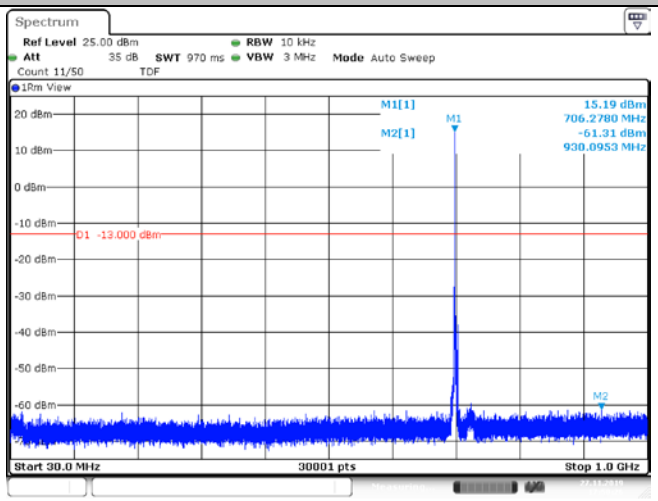

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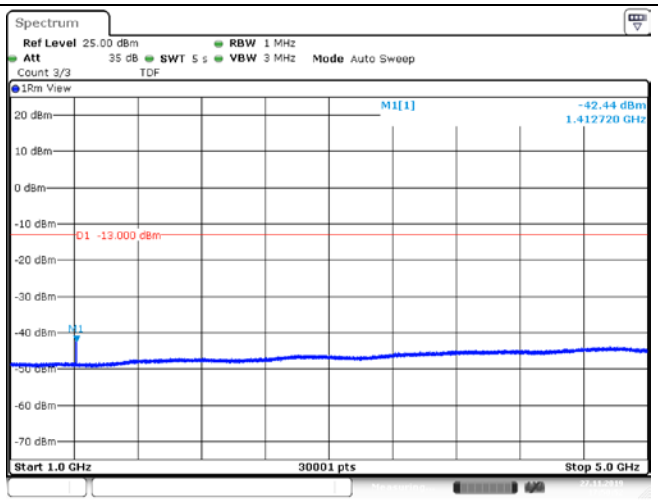

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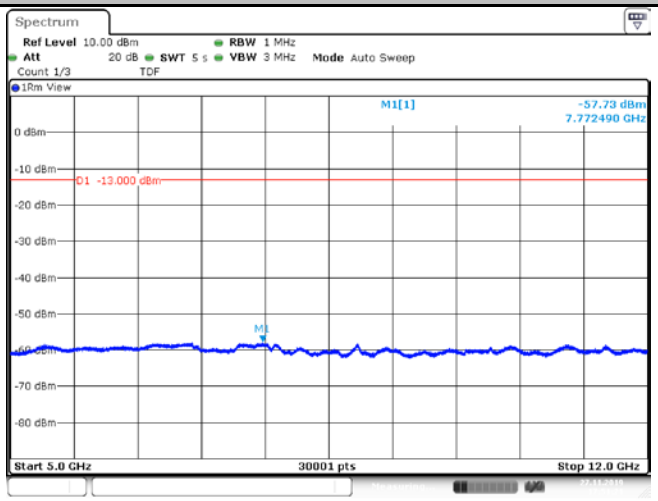

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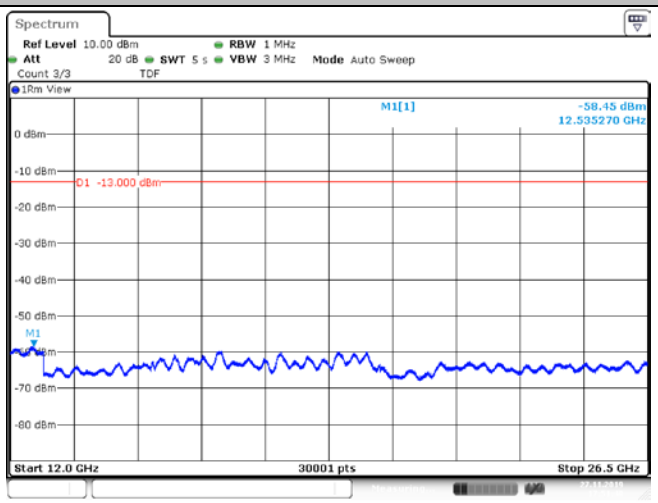

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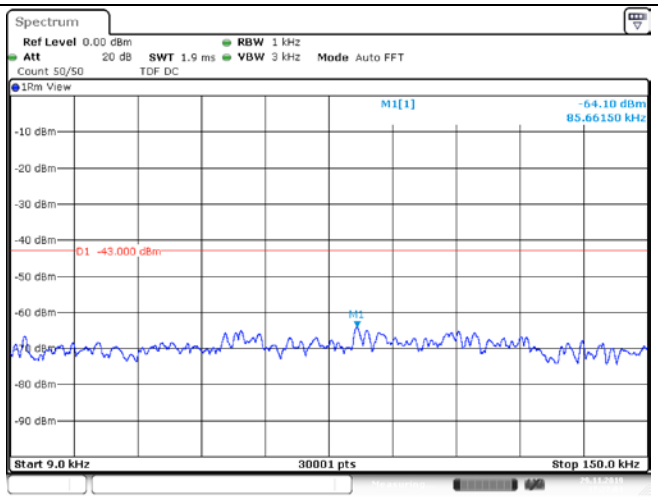

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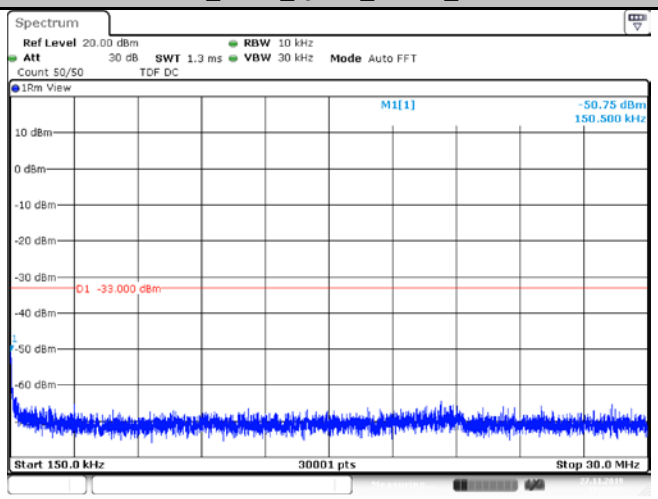

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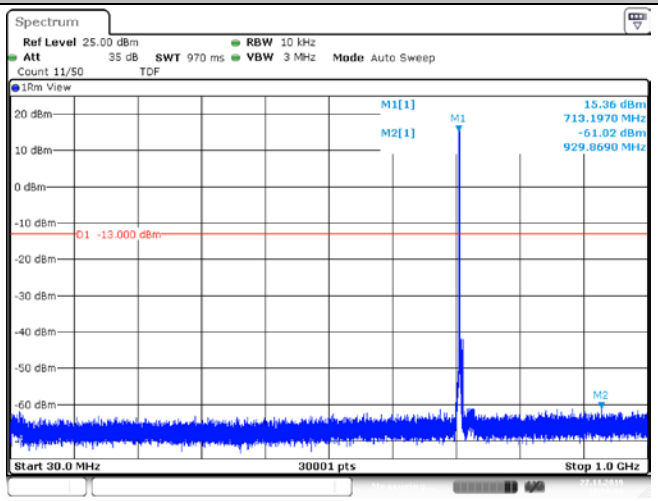

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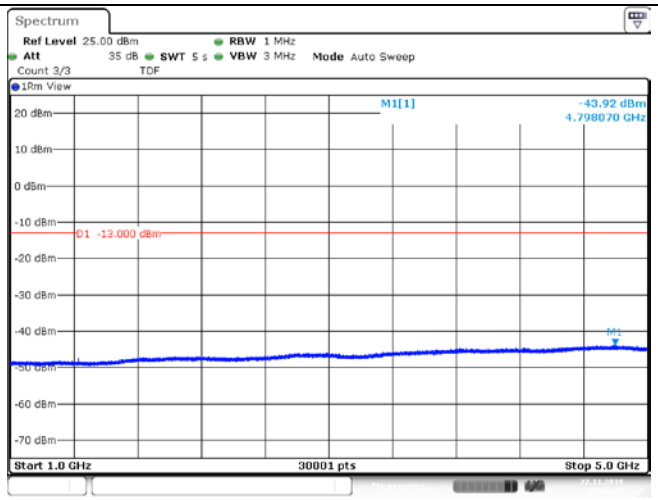

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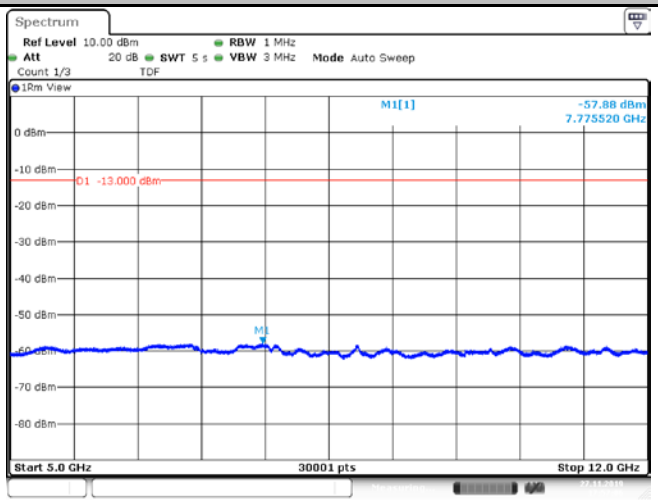

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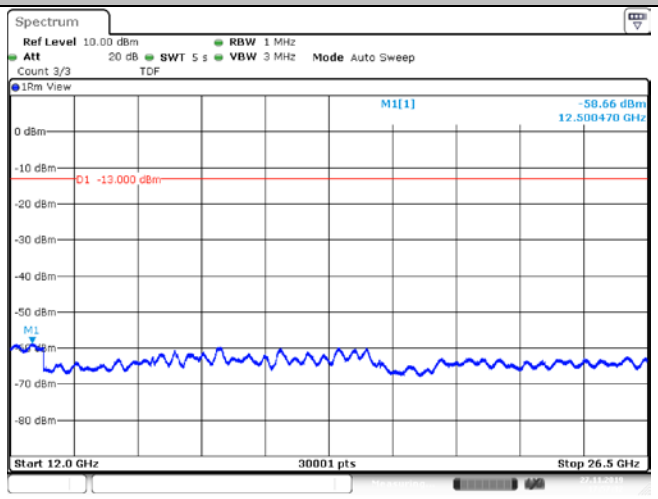

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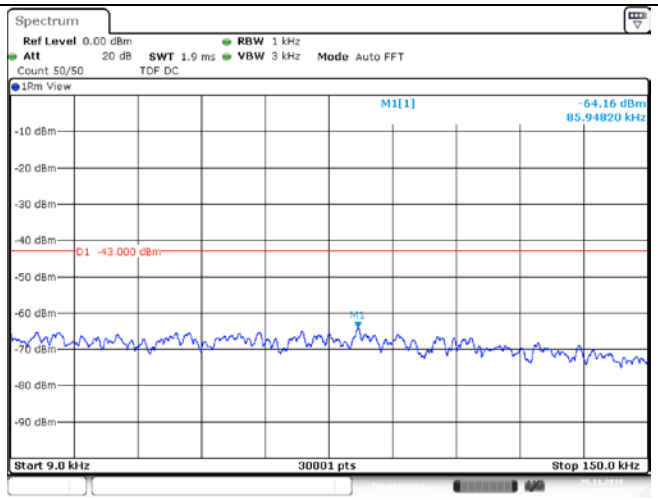

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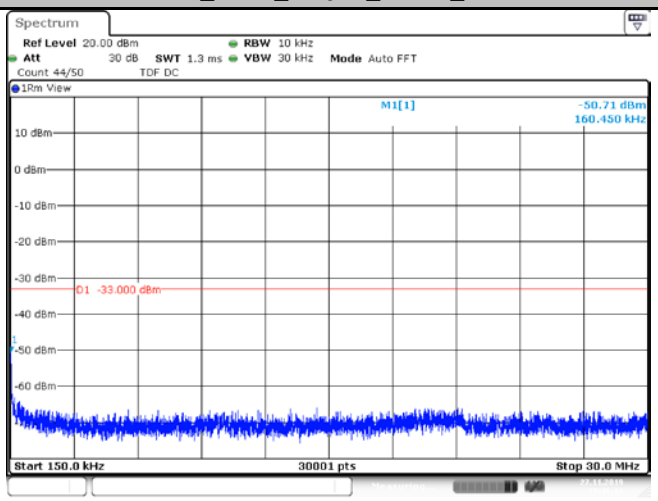

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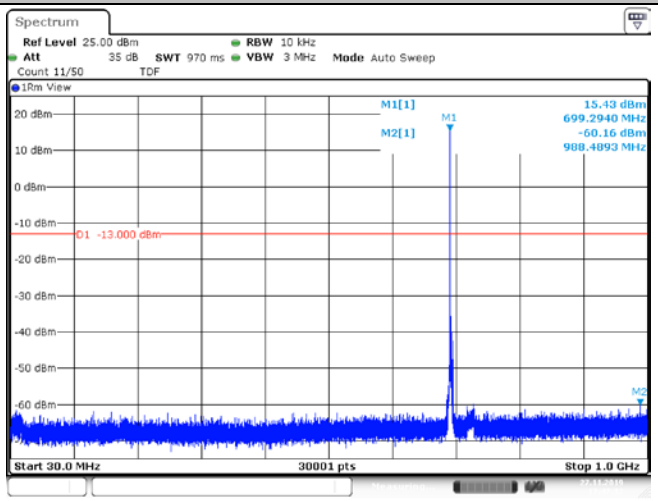

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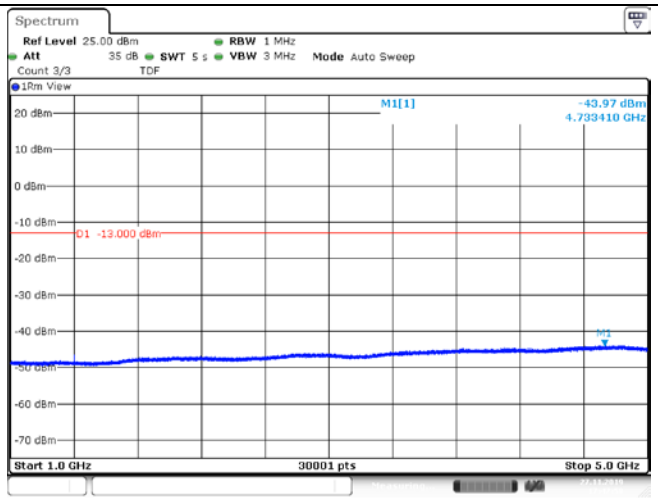

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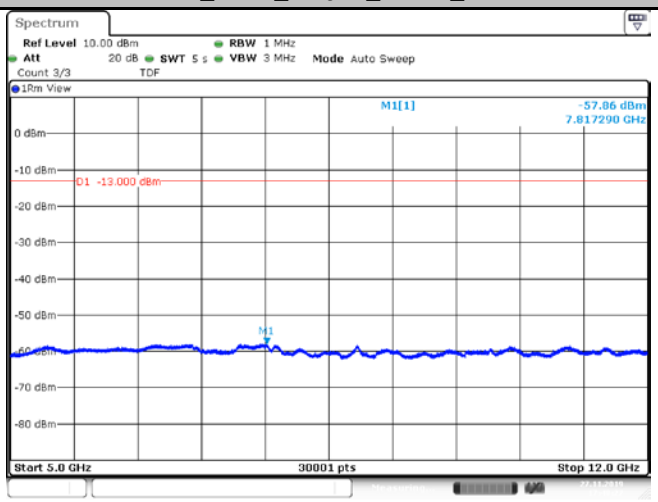

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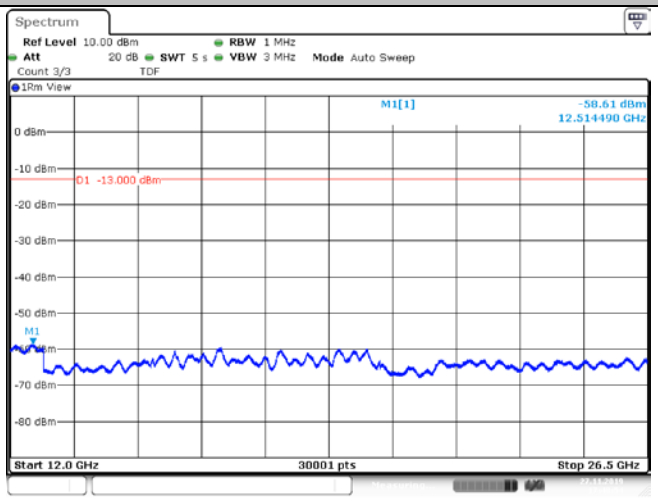

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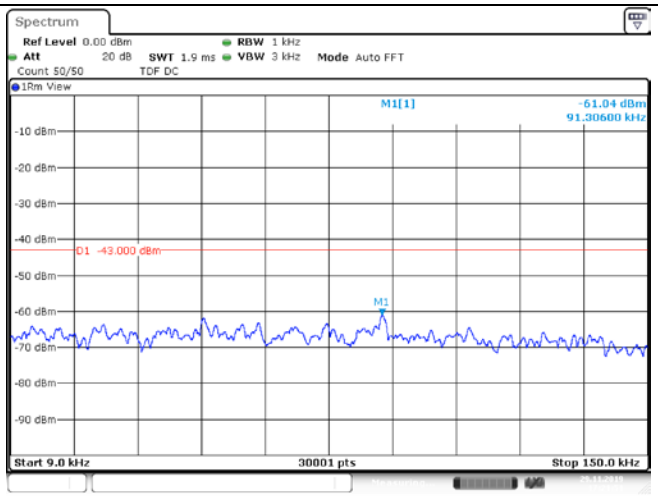

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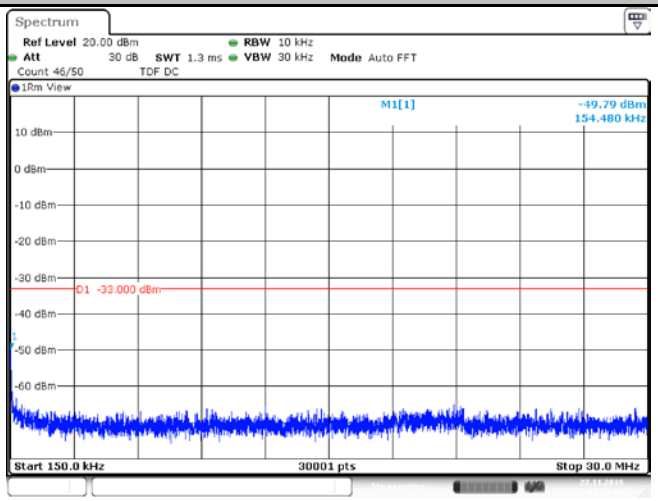

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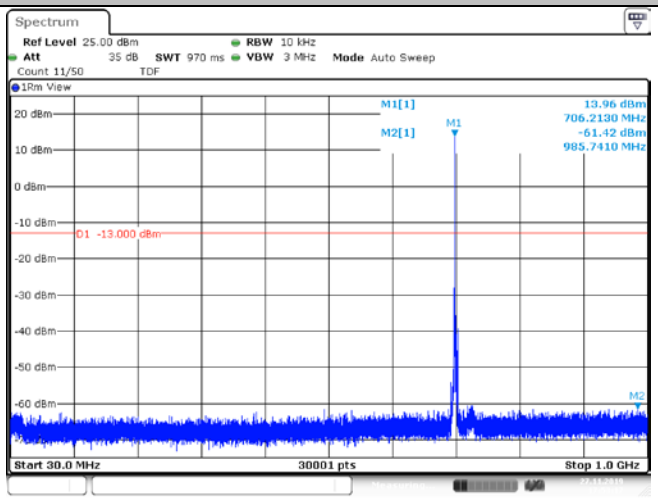

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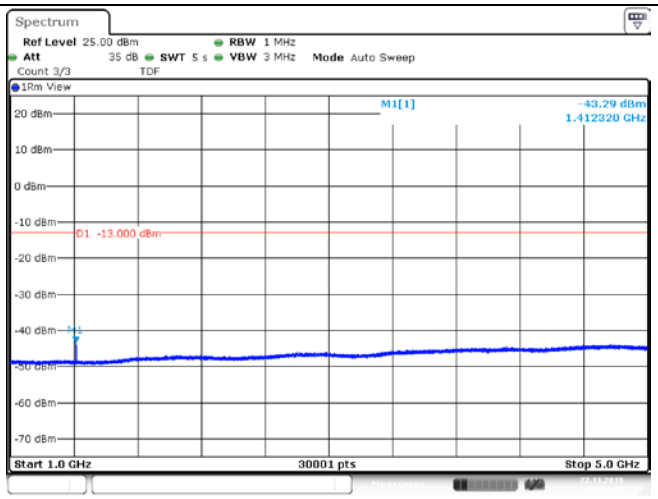

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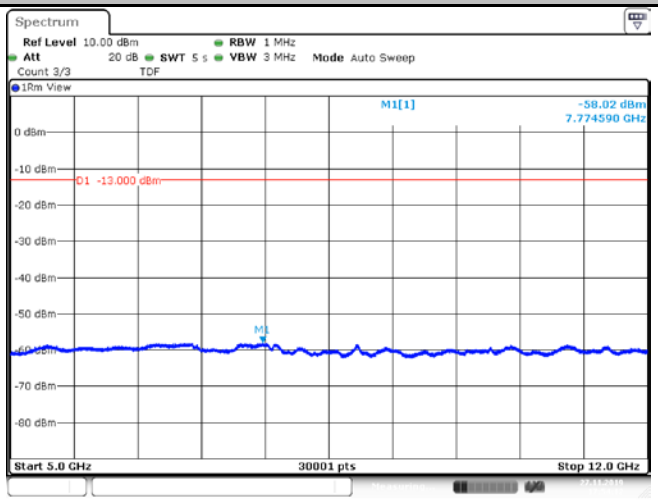

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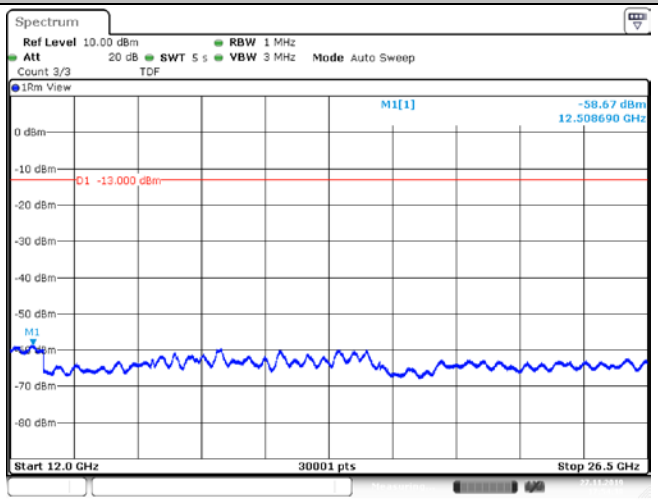

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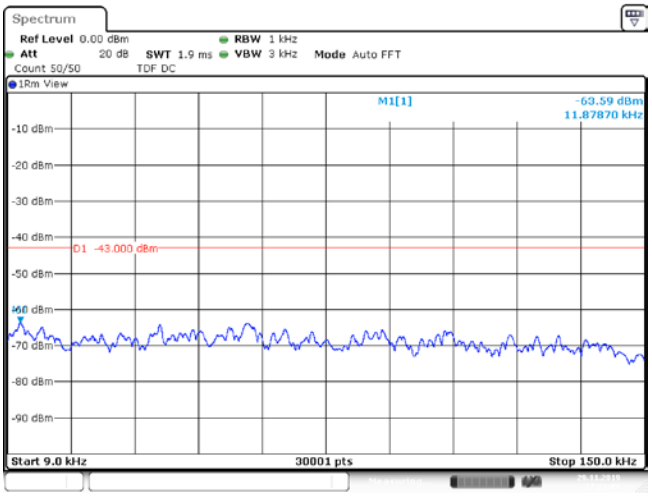

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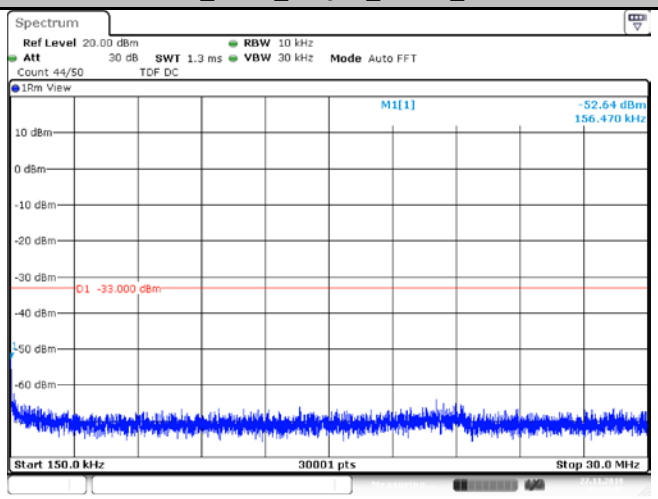

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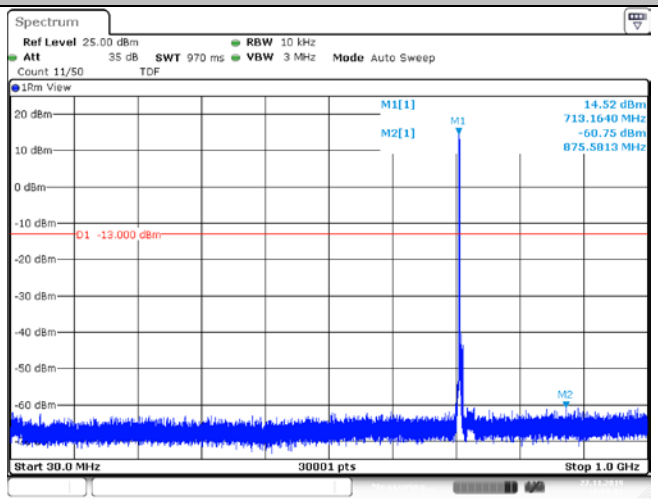

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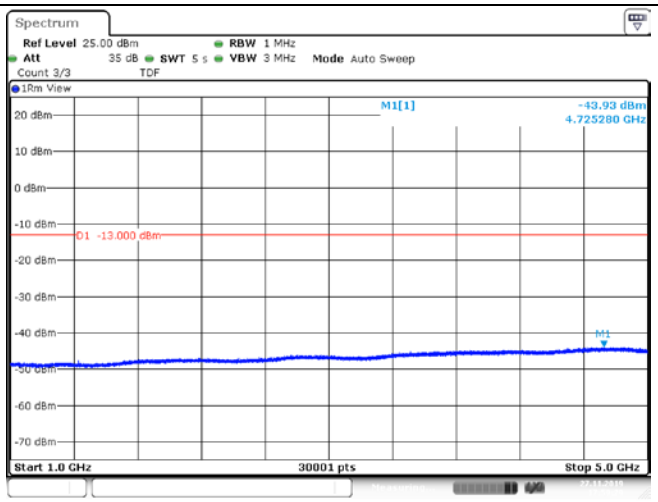

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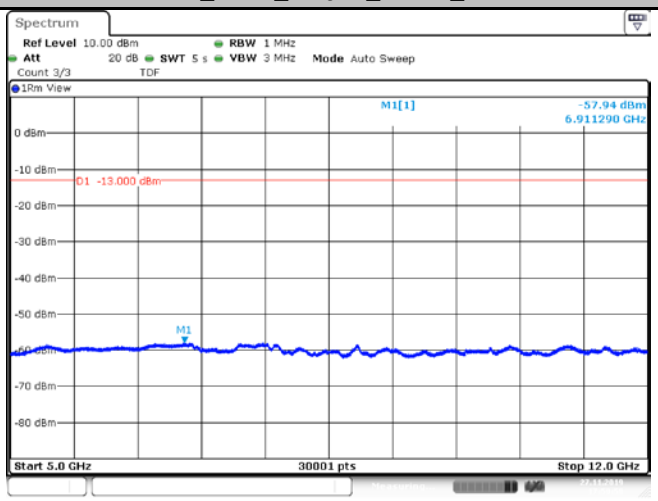

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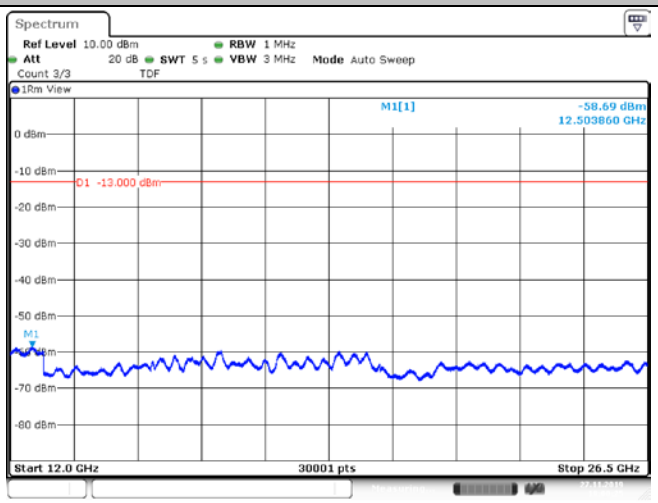

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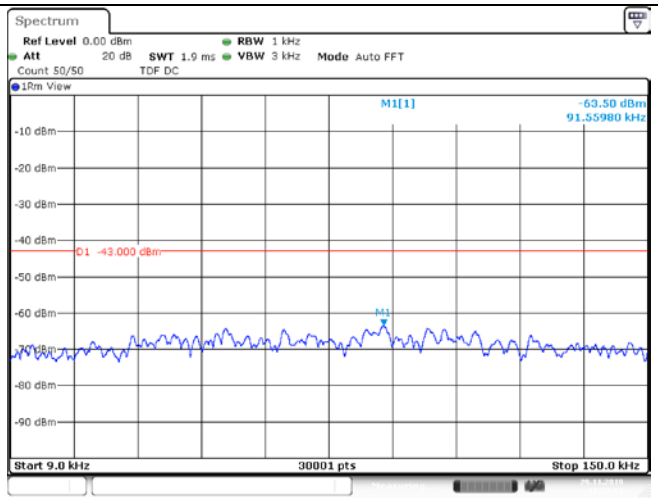

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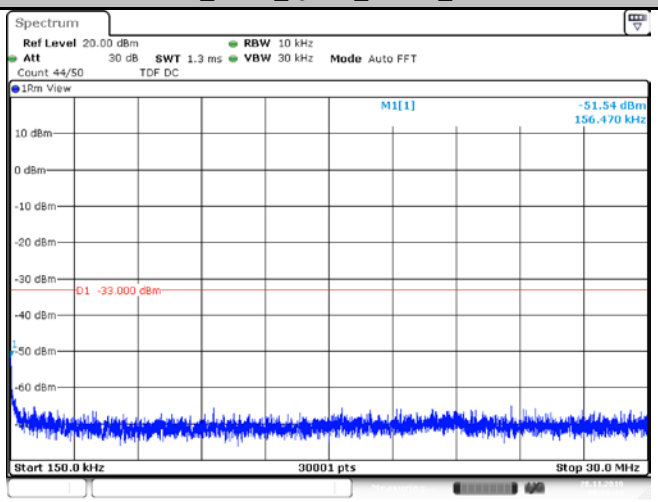

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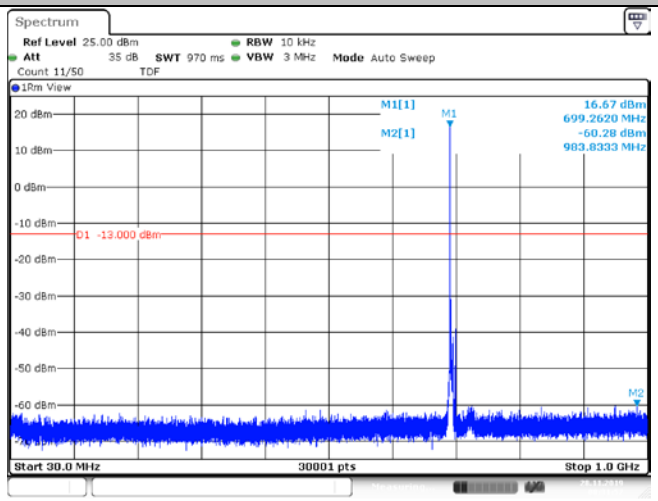

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