

8.4 Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-22.81	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-29.02	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-26.19	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-30.59	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-23.38	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-27.13	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-27.54	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-29.81	PASS
Band2	3MHz	QPSK	18615	1RB#0	-25.84	PASS
Band2	3MHz	QPSK	18615	15RB#0	-21.75	PASS
Band2	3MHz	QPSK	19185	1RB#14	-28.81	PASS
Band2	3MHz	QPSK	19185	15RB#0	-22.28	PASS
Band2	3MHz	16QAM	18615	1RB#0	-25.48	PASS
Band2	3MHz	16QAM	18615	15RB#0	-21.05	PASS
Band2	3MHz	16QAM	19185	1RB#14	-27.52	PASS
Band2	3MHz	16QAM	19185	15RB#0	-23.40	PASS
Band2	5MHz	QPSK	18625	1RB#0	-15.93	PASS
Band2	5MHz	QPSK	18625	25RB#0	-25.97	PASS
Band2	5MHz	QPSK	19175	1RB#24	-16.35	PASS
Band2	5MHz	QPSK	19175	25RB#0	-28.87	PASS
Band2	5MHz	16QAM	18625	1RB#0	-17.03	PASS
Band2	5MHz	16QAM	18625	25RB#0	-27.37	PASS
Band2	5MHz	16QAM	19175	1RB#24	-16.06	PASS
Band2	5MHz	16QAM	19175	25RB#0	-29.00	PASS
Band2	10MHz	QPSK	18650	1RB#0	-19.13	PASS
Band2	10MHz	QPSK	18650	50RB#0	-30.54	PASS
Band2	10MHz	QPSK	19150	1RB#49	-19.00	PASS
Band2	10MHz	QPSK	19150	50RB#0	-30.89	PASS
Band2	10MHz	16QAM	18650	1RB#0	-17.42	PASS
Band2	10MHz	16QAM	18650	50RB#0	-30.89	PASS
Band2	10MHz	16QAM	19150	1RB#49	-20.27	PASS
Band2	10MHz	16QAM	19150	50RB#0	-32.37	PASS
Band2	15MHz	QPSK	18675	1RB#0	-19.35	PASS
Band2	15MHz	QPSK	18675	75RB#0	-29.83	PASS
Band2	15MHz	QPSK	19125	1RB#74	-19.29	PASS
Band2	15MHz	QPSK	19125	75RB#0	-29.88	PASS
Band2	15MHz	16QAM	18675	1RB#0	-18.83	PASS
Band2	15MHz	16QAM	18675	75RB#0	-32.53	PASS

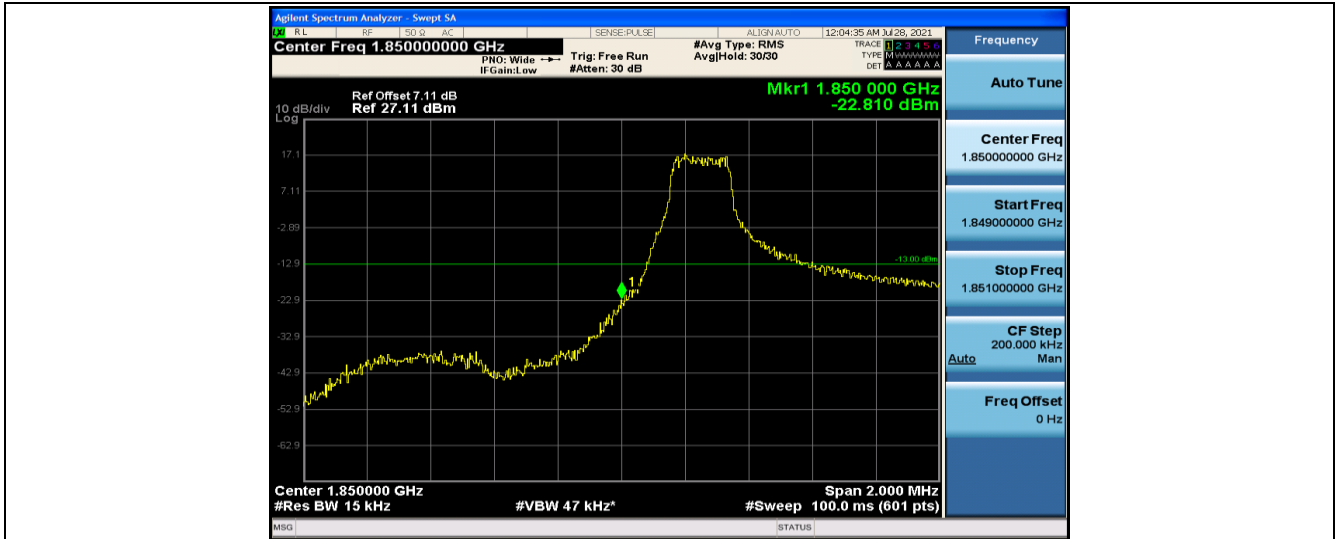
Band2	15MHz	16QAM	19125	1RB#74	-19.98	PASS
Band2	15MHz	16QAM	19125	75RB#0	-31.41	PASS
Band2	20MHz	QPSK	18700	1RB#0	-21.72	PASS
Band2	20MHz	QPSK	18700	100RB#0	-32.22	PASS
Band2	20MHz	QPSK	19100	1RB#99	-22.12	PASS
Band2	20MHz	QPSK	19100	100RB#0	-34.57	PASS
Band2	20MHz	16QAM	18700	1RB#0	-21.20	PASS
Band2	20MHz	16QAM	18700	100RB#0	-33.95	PASS
Band2	20MHz	16QAM	19100	1RB#99	-22.02	PASS
Band2	20MHz	16QAM	19100	100RB#0	-35.50	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-22.18	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-28.43	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-22.34	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-27.89	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-23.79	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-28.99	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-20.27	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-28.56	PASS
Band4	3MHz	QPSK	19965	1RB#0	-24.87	PASS
Band4	3MHz	QPSK	19965	15RB#0	-19.83	PASS
Band4	3MHz	QPSK	20385	1RB#14	-25.50	PASS
Band4	3MHz	QPSK	20385	15RB#0	-20.45	PASS
Band4	3MHz	16QAM	19965	1RB#0	-26.06	PASS
Band4	3MHz	16QAM	19965	15RB#0	-22.41	PASS
Band4	3MHz	16QAM	20385	1RB#14	-27.17	PASS
Band4	3MHz	16QAM	20385	15RB#0	-22.63	PASS
Band4	5MHz	QPSK	19975	1RB#0	-16.76	PASS
Band4	5MHz	QPSK	19975	25RB#0	-26.66	PASS
Band4	5MHz	QPSK	20375	1RB#24	-15.79	PASS
Band4	5MHz	QPSK	20375	25RB#0	-26.35	PASS
Band4	5MHz	16QAM	19975	1RB#0	-17.44	PASS
Band4	5MHz	16QAM	19975	25RB#0	-27.13	PASS
Band4	5MHz	16QAM	20375	1RB#24	-16.07	PASS
Band4	5MHz	16QAM	20375	25RB#0	-27.17	PASS
Band4	10MHz	QPSK	20000	1RB#0	-19.30	PASS
Band4	10MHz	QPSK	20000	50RB#0	-29.12	PASS
Band4	10MHz	QPSK	20350	1RB#49	-18.66	PASS
Band4	10MHz	QPSK	20350	50RB#0	-28.91	PASS
Band4	10MHz	16QAM	20000	1RB#0	-18.88	PASS
Band4	10MHz	16QAM	20000	50RB#0	-30.80	PASS
Band4	10MHz	16QAM	20350	1RB#49	-18.64	PASS
Band4	10MHz	16QAM	20350	50RB#0	-30.44	PASS
Band4	15MHz	QPSK	20025	1RB#0	-18.85	PASS
Band4	15MHz	QPSK	20025	75RB#0	-28.74	PASS
Band4	15MHz	QPSK	20325	1RB#74	-18.71	PASS

Band4	15MHz	QPSK	20325	75RB#0	-26.97	PASS
Band4	15MHz	16QAM	20025	1RB#0	-19.36	PASS
Band4	15MHz	16QAM	20025	75RB#0	-31.95	PASS
Band4	15MHz	16QAM	20325	1RB#74	-18.45	PASS
Band4	15MHz	16QAM	20325	75RB#0	-28.47	PASS
Band4	20MHz	QPSK	20050	1RB#0	-21.72	PASS
Band4	20MHz	QPSK	20050	100RB#0	-30.23	PASS
Band4	20MHz	QPSK	20300	1RB#99	-21.46	PASS
Band4	20MHz	QPSK	20300	100RB#0	-29.38	PASS
Band4	20MHz	16QAM	20050	1RB#0	-21.16	PASS
Band4	20MHz	16QAM	20050	100RB#0	-31.84	PASS
Band4	20MHz	16QAM	20300	1RB#99	-21.43	PASS
Band4	20MHz	16QAM	20300	100RB#0	-31.14	PASS
Band7	5MHz	QPSK	20775	1RB#0	-60.80,-42.48,-41.41,-13.51	PASS
Band7	5MHz	QPSK	20775	25RB#0	-55.51,-38.10,-29.30,-23.73	PASS
Band7	5MHz	QPSK	21425	1RB#24	-54.28,-57.22,-39.84,-15.36	PASS
Band7	5MHz	QPSK	21425	25RB#0	-47.14,-45.49,-29.99,-26.52	PASS
Band7	5MHz	16QAM	20775	1RB#0	-60.63,-46.73,-40.45,-15.23	PASS
Band7	5MHz	16QAM	20775	25RB#0	-57.25,-42.55,-30.61,-25.92	PASS
Band7	5MHz	16QAM	21425	1RB#24	-56.96,-58.16,-39.42,-17.16	PASS
Band7	5MHz	16QAM	21425	25RB#0	-48.90,-46.13,-31.77,-26.59	PASS
Band7	10MHz	QPSK	20800	1RB#0	-55.45,-44.27,-41.59,-19.25	PASS
Band7	10MHz	QPSK	20800	50RB#0	-48.23,-34.48,-31.79,-30.50	PASS
Band7	10MHz	QPSK	21400	1RB#49	-46.37,-39.48,-40.84,-19.78	PASS
Band7	10MHz	QPSK	21400	50RB#0	-48.86,-36.03,-30.94,-28.53	PASS
Band7	10MHz	16QAM	20800	1RB#0	-55.46,-44.62,-40.14,-20.50	PASS
Band7	10MHz	16QAM	20800	50RB#0	-49.69,-35.65,-33.37,-29.83	PASS
Band7	10MHz	16QAM	21400	1RB#49	-56.34,-42.54,-39.58,-20.98	PASS
Band7	10MHz	16QAM	21400	50RB#0	-49.35,-37.56,-31.48,-31.32	PASS
Band7	15MHz	QPSK	20825	1RB#0	-45.58,-41.83,-41.71,-18.72	PASS
Band7	15MHz	QPSK	20825	75RB#0	-38.59,-31.81,-30.45,-29.45	PASS
Band7	15MHz	QPSK	21375	1RB#74	-56.60,-39.92,-40.97,-19.05	PASS
Band7	15MHz	QPSK	21375	75RB#0	-50.60,-31.71,-29.21,-27.77	PASS
Band7	15MHz	16QAM	20825	1RB#0	-46.79,-43.00,-41.43,-20.26	PASS
Band7	15MHz	16QAM	20825	75RB#0	-40.85,-34.78,-32.79,-31.51	PASS
Band7	15MHz	16QAM	21375	1RB#74	-57.16,-40.87,-40.30,-20.09	PASS
Band7	15MHz	16QAM	21375	75RB#0	-51.80,-34.58,-31.62,-28.69	PASS
Band7	20MHz	QPSK	20850	1RB#0	-42.52,-40.29,-39.87,-22.75	PASS
Band7	20MHz	QPSK	20850	100RB#0	-36.52,-33.96,-31.75,-31.18	PASS
Band7	20MHz	QPSK	21350	1RB#99	-57.30,-40.31,-39.69,-22.78	PASS
Band7	20MHz	QPSK	21350	100RB#0	-53.30,-33.67,-31.87,-31.17	PASS
Band7	20MHz	16QAM	20850	1RB#0	-46.79,-39.13,-39.10,-22.24	PASS
Band7	20MHz	16QAM	20850	100RB#0	-38.97,-34.59,-33.58,-32.83	PASS
Band7	20MHz	16QAM	21350	1RB#99	-57.01,-36.56,-28.82,-24.33	PASS
Band7	20MHz	16QAM	21350	100RB#0	-53.76,-34.32,-32.00,-31.85	PASS

Band12	1.4MHz	QPSK	23017	1RB#0	-21.26	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-29.91	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-21.37	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-29.98	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-24.68	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-28.34	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-24.63	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-28.20	PASS
Band12	3MHz	QPSK	23025	1RB#0	-24.55	PASS
Band12	3MHz	QPSK	23025	15RB#0	-22.02	PASS
Band12	3MHz	QPSK	23165	1RB#14	-24.45	PASS
Band12	3MHz	QPSK	23165	15RB#0	-21.15	PASS
Band12	3MHz	16QAM	23025	1RB#0	-25.70	PASS
Band12	3MHz	16QAM	23025	15RB#0	-21.51	PASS
Band12	3MHz	16QAM	23165	1RB#14	-26.25	PASS
Band12	3MHz	16QAM	23165	15RB#0	-21.73	PASS
Band12	5MHz	QPSK	23035	1RB#0	-16.31	PASS
Band12	5MHz	QPSK	23035	25RB#0	-26.47	PASS
Band12	5MHz	QPSK	23155	1RB#24	-16.97	PASS
Band12	5MHz	QPSK	23155	25RB#0	-28.21	PASS
Band12	5MHz	16QAM	23035	1RB#0	-18.47	PASS
Band12	5MHz	16QAM	23035	25RB#0	-27.22	PASS
Band12	5MHz	16QAM	23155	1RB#24	-17.19	PASS
Band12	5MHz	16QAM	23155	25RB#0	-28.49	PASS
Band12	10MHz	QPSK	23060	1RB#0	-19.27	PASS
Band12	10MHz	QPSK	23060	50RB#0	-31.31	PASS
Band12	10MHz	QPSK	23130	1RB#49	-19.68	PASS
Band12	10MHz	QPSK	23130	50RB#0	-30.83	PASS
Band12	10MHz	16QAM	23060	1RB#0	-18.42	PASS
Band12	10MHz	16QAM	23060	50RB#0	-30.58	PASS
Band12	10MHz	16QAM	23130	1RB#49	-19.48	PASS
Band12	10MHz	16QAM	23130	50RB#0	-31.60	PASS
Band17	5MHz	QPSK	23755	1RB#0	-16.99	PASS
Band17	5MHz	QPSK	23755	25RB#0	-26.40	PASS
Band17	5MHz	QPSK	23825	1RB#24	-14.66	PASS
Band17	5MHz	QPSK	23825	25RB#0	-27.84	PASS
Band17	5MHz	16QAM	23755	1RB#0	-17.79	PASS
Band17	5MHz	16QAM	23755	25RB#0	-29.19	PASS
Band17	5MHz	16QAM	23825	1RB#24	-16.94	PASS
Band17	5MHz	16QAM	23825	25RB#0	-28.37	PASS
Band17	10MHz	QPSK	23780	1RB#0	-19.89	PASS
Band17	10MHz	QPSK	23780	50RB#0	-27.67	PASS
Band17	10MHz	QPSK	23800	1RB#49	-18.61	PASS
Band17	10MHz	QPSK	23800	50RB#0	-30.92	PASS
Band17	10MHz	16QAM	23780	1RB#0	-19.90	PASS

Band17	10MHz	16QAM	23780	50RB#0	-28.90	PASS
Band17	10MHz	16QAM	23800	1RB#49	-19.46	PASS
Band17	10MHz	16QAM	23800	50RB#0	-30.25	PASS

Test Graphs



Band2-1.4MHz-QPSK-18607-1RB#0



Band2-1.4MHz-QPSK-18607-6RB#0



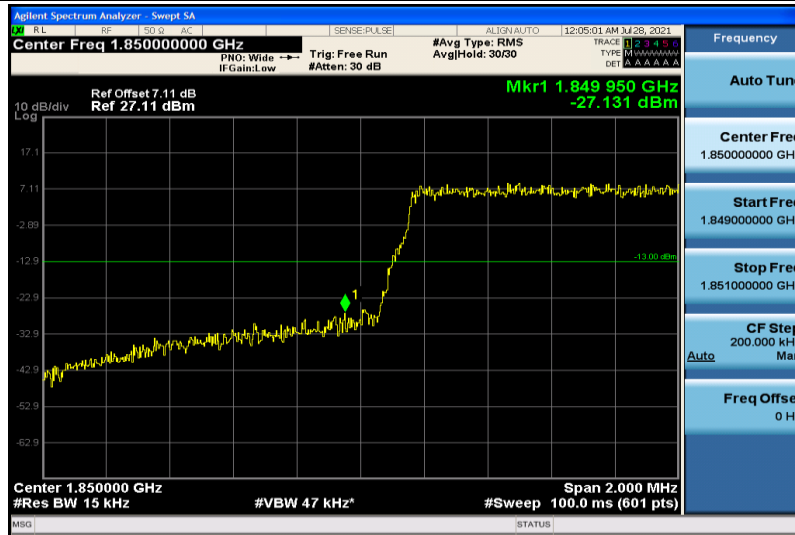
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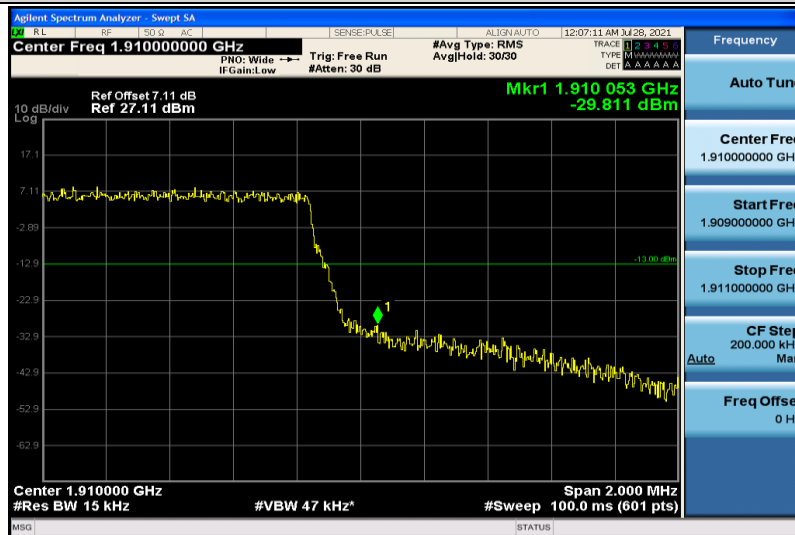
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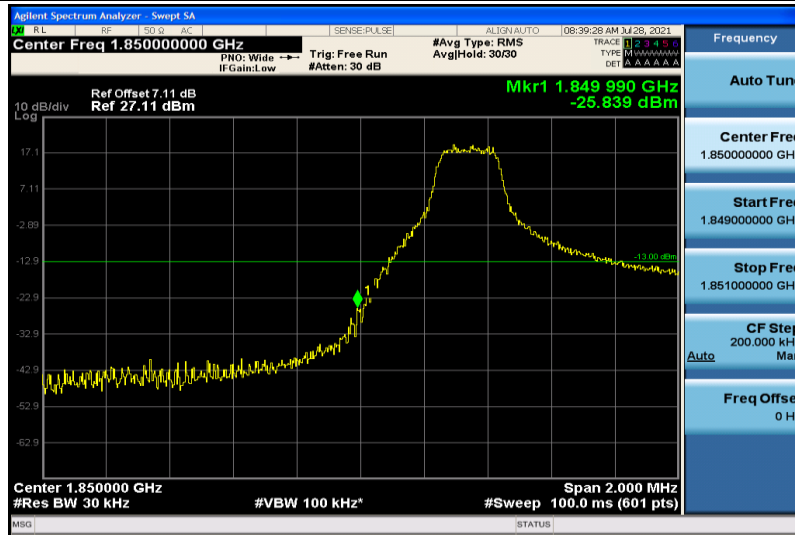
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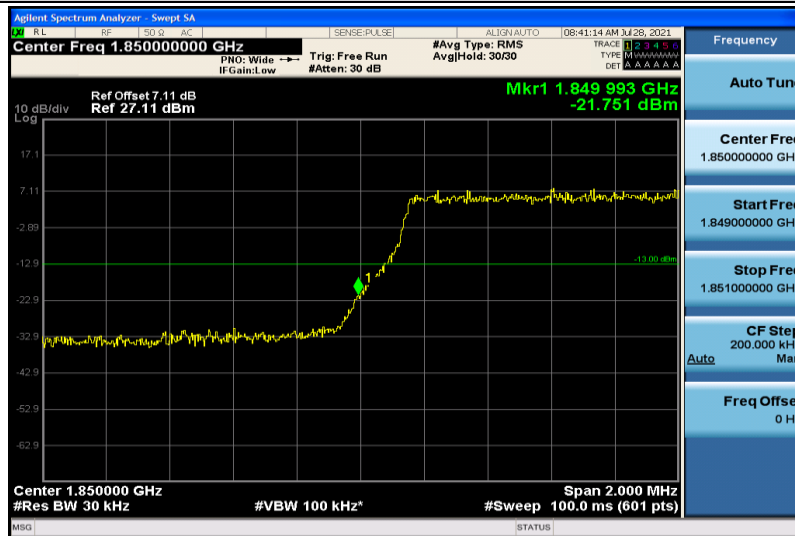
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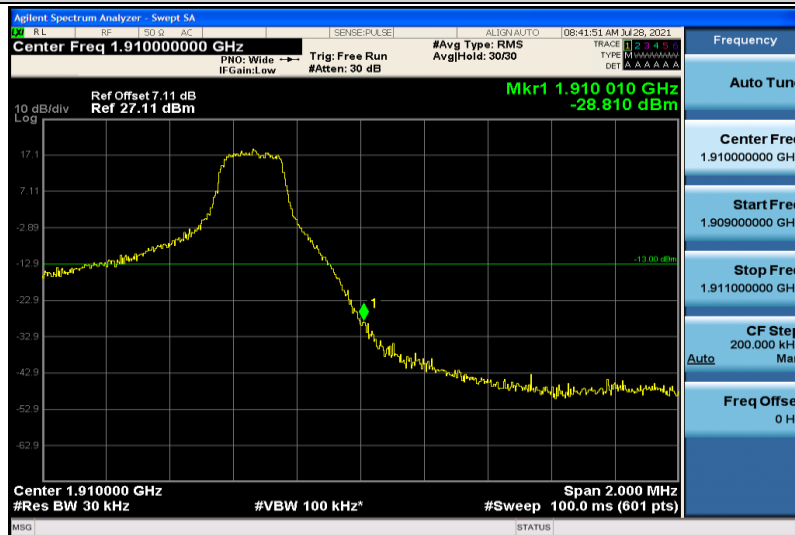
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Band2-3MHz-QPSK-18615-1RB#0



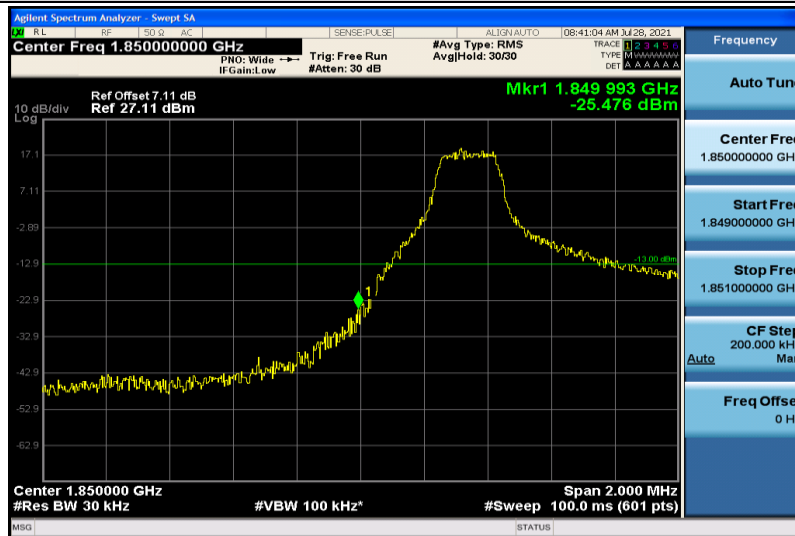
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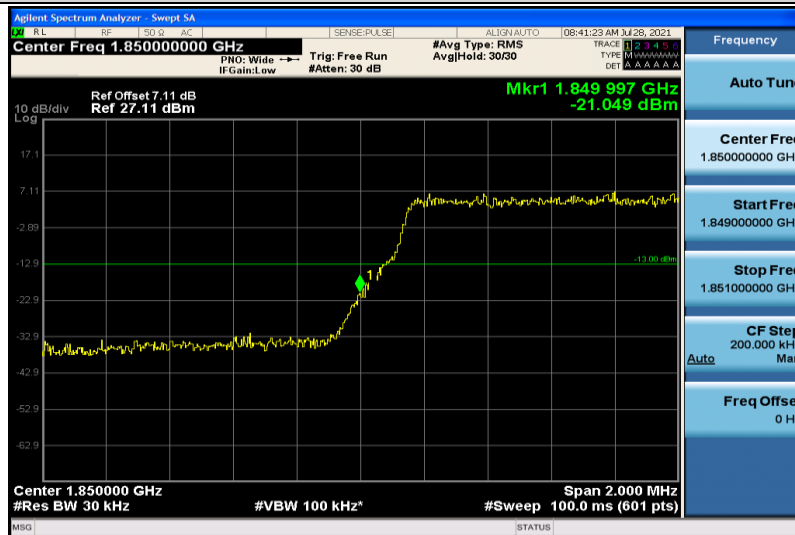
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Band2-3MHz-QPSK-19185-15RB#0



Band2-3MHz-16QAM-18615-1RB#0



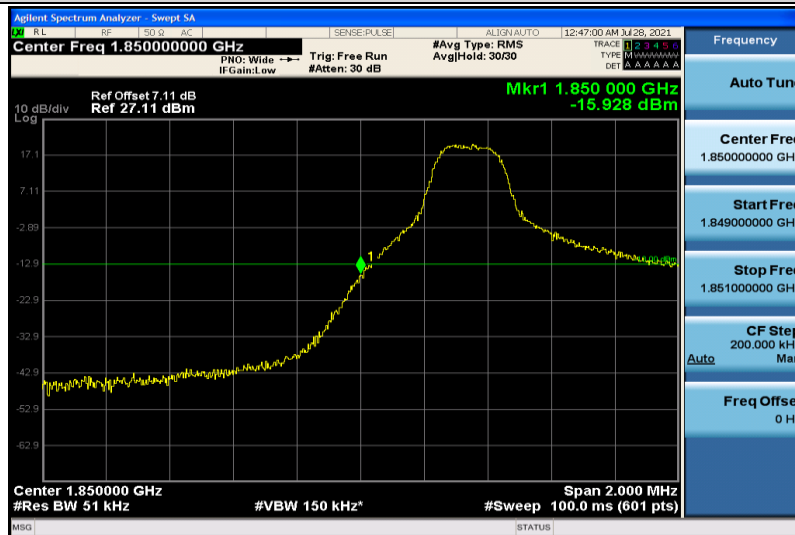
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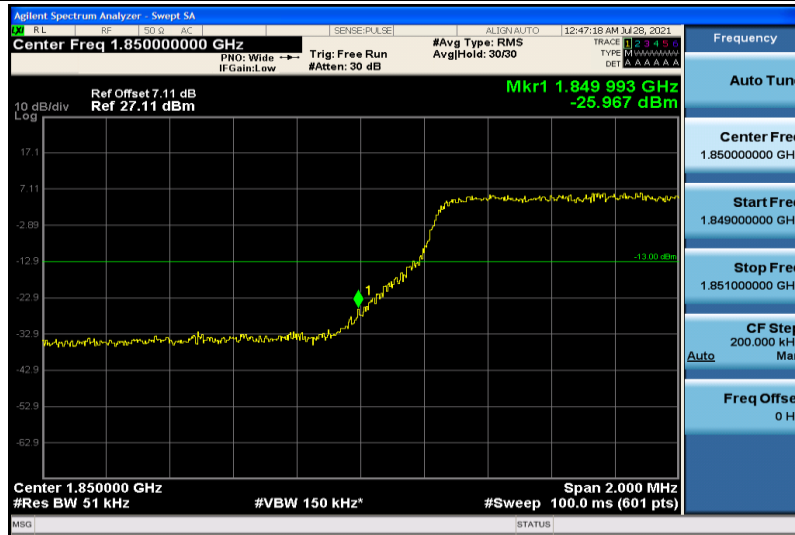
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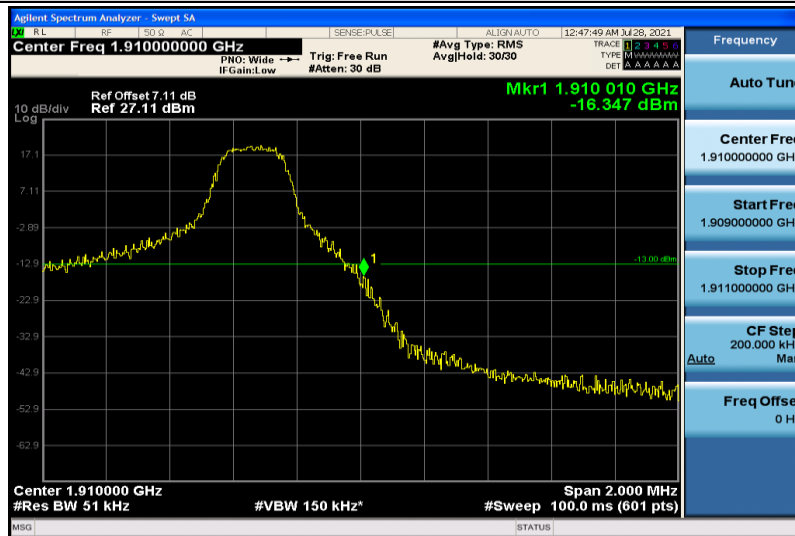
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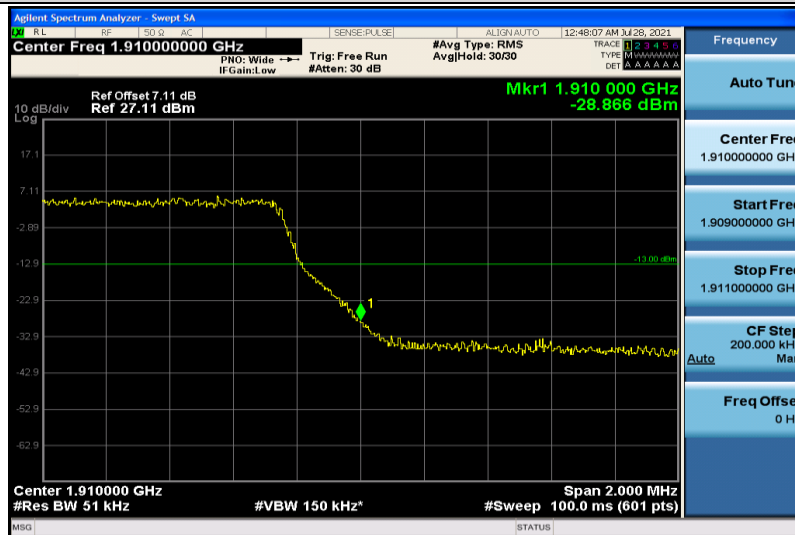
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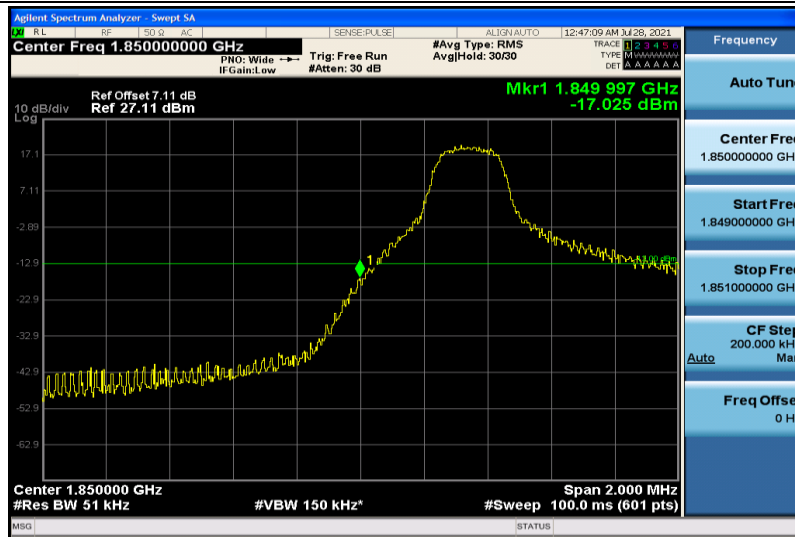
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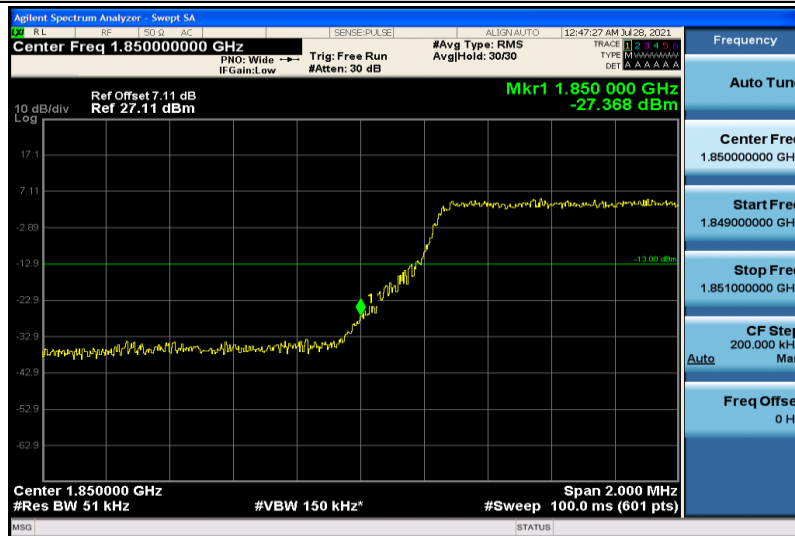
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Band2-5MHz-QPSK-19175-25RB#0



Band2-5MHz-16QAM-18625-1RB#0



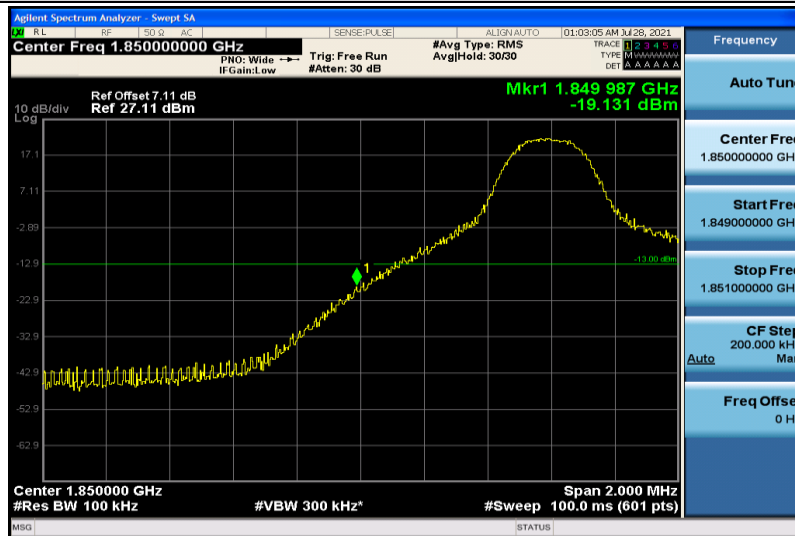
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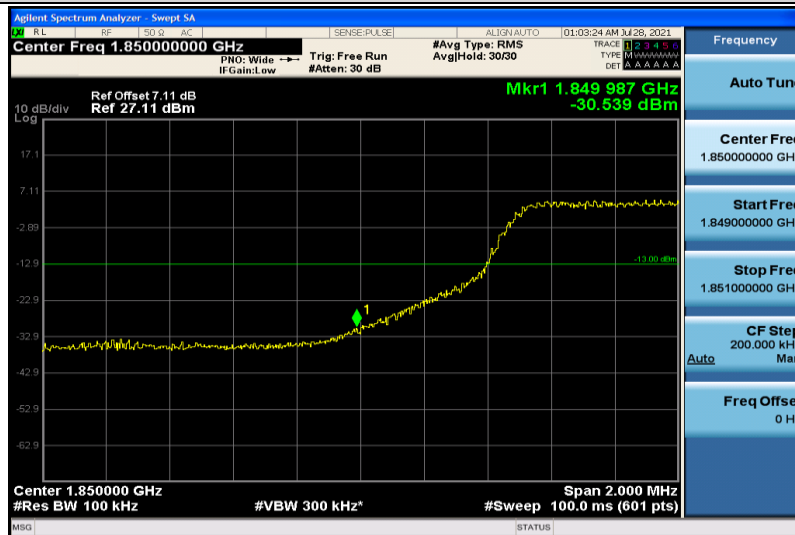
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Band2-5MHz-16QAM-19175-25RB#0



Band2-10MHz-QPSK-18650-1RB#0



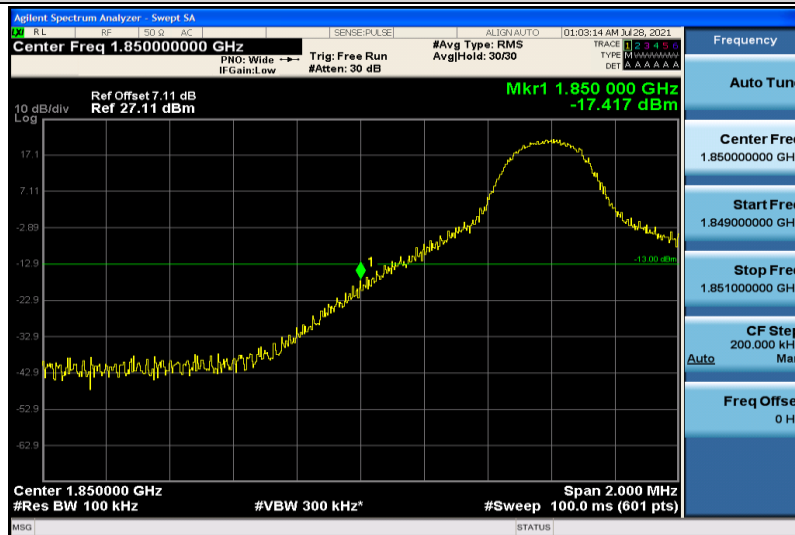
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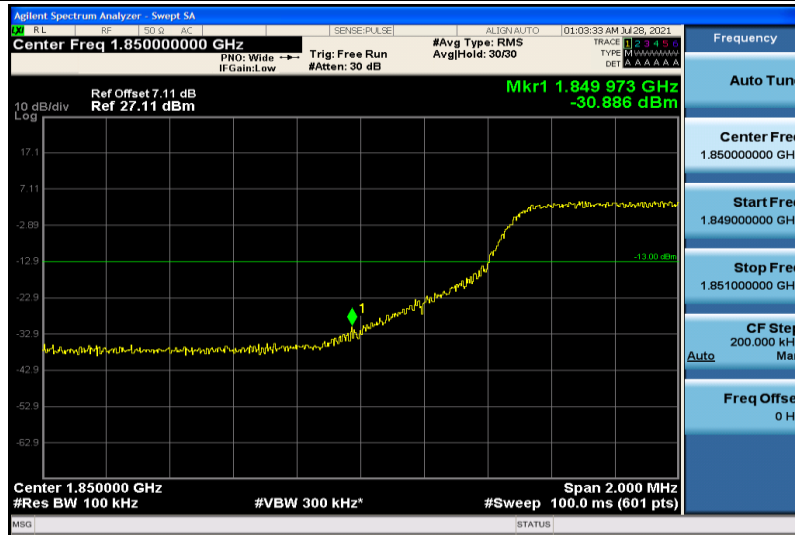
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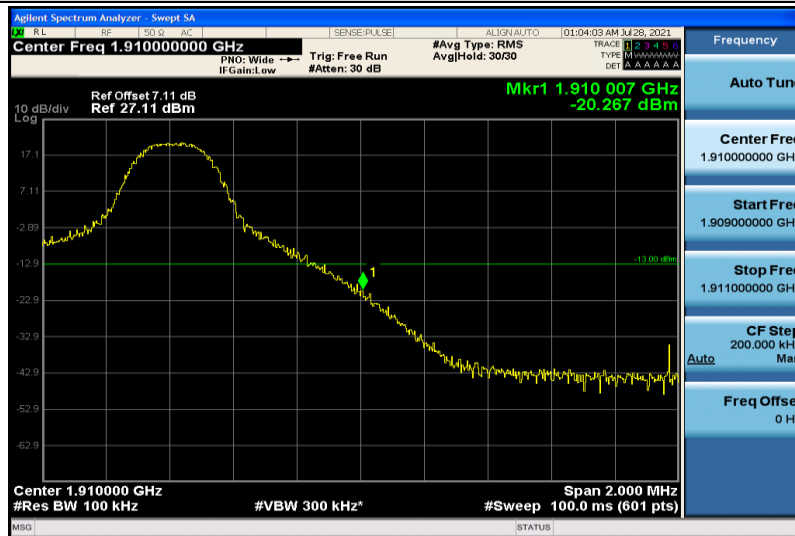
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Band2-10MHz-16QAM-18650-1RB#0



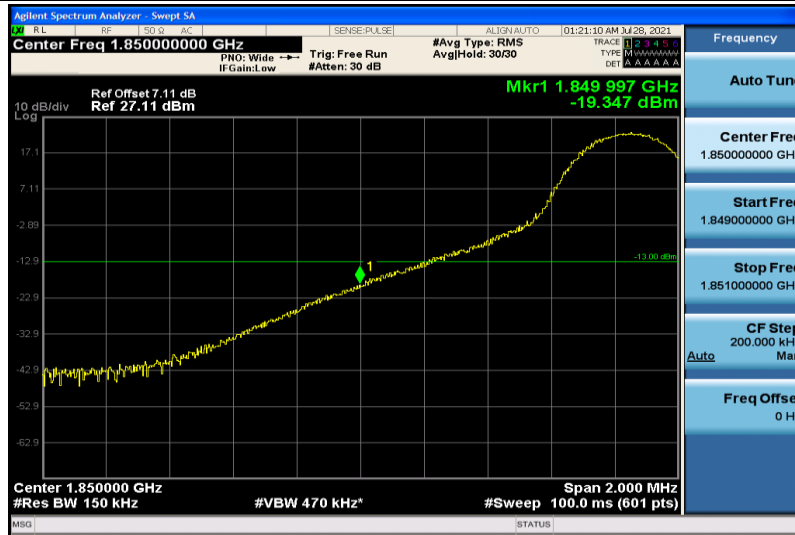
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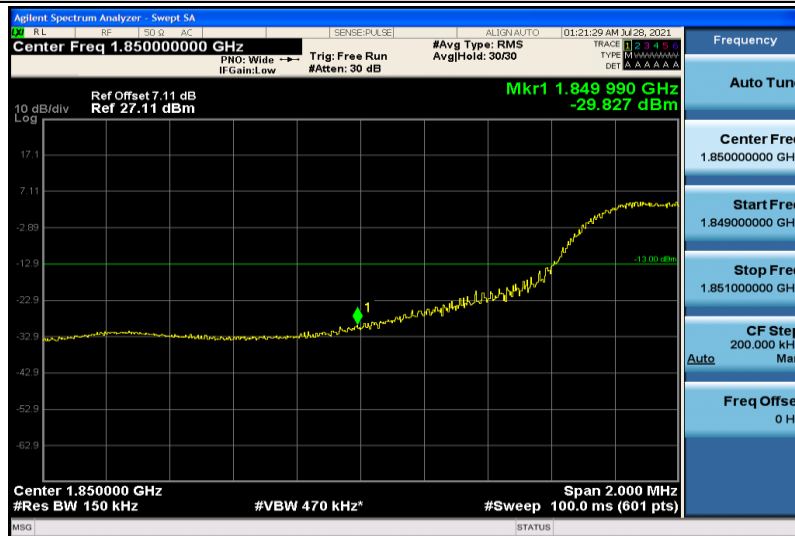
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Band2-10MHz-16QAM-19150-50RB#0



Band2-15MHz-QPSK-18675-1RB#0



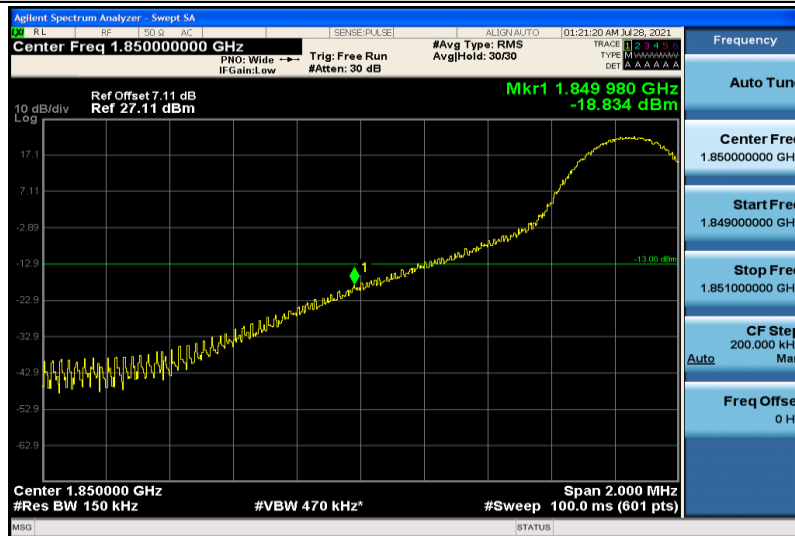
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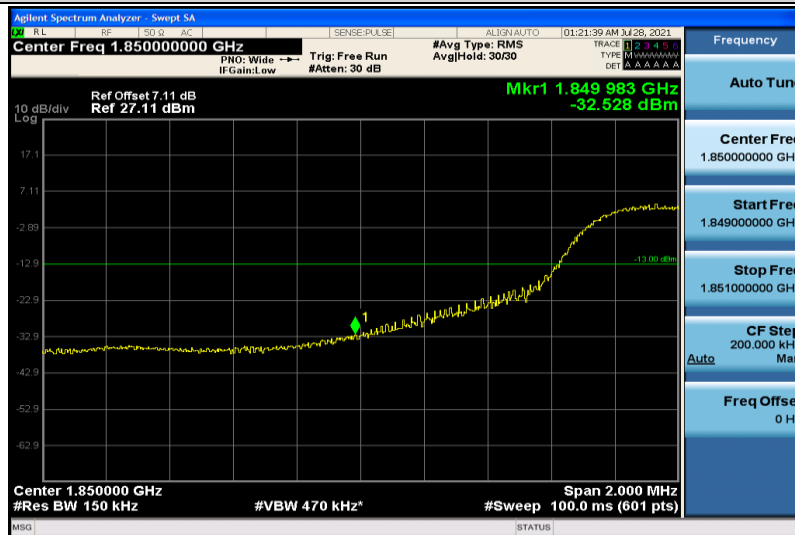
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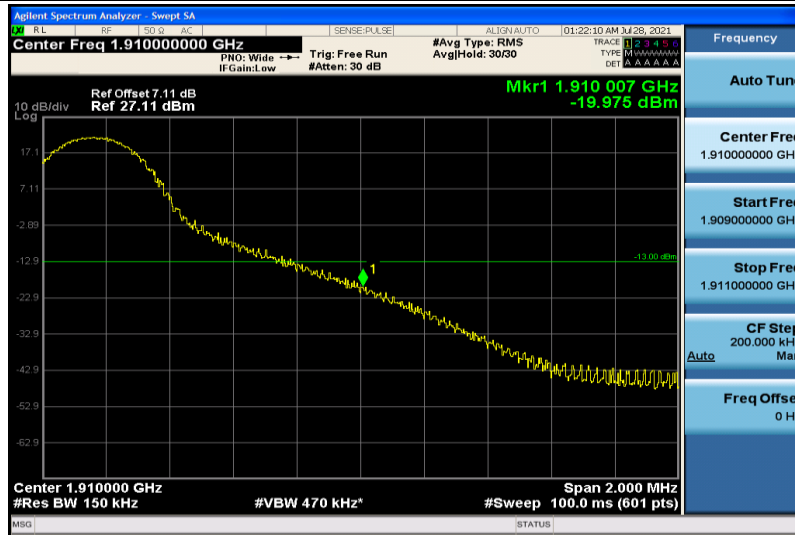
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Band2-15MHz-16QAM-18675-1RB#0



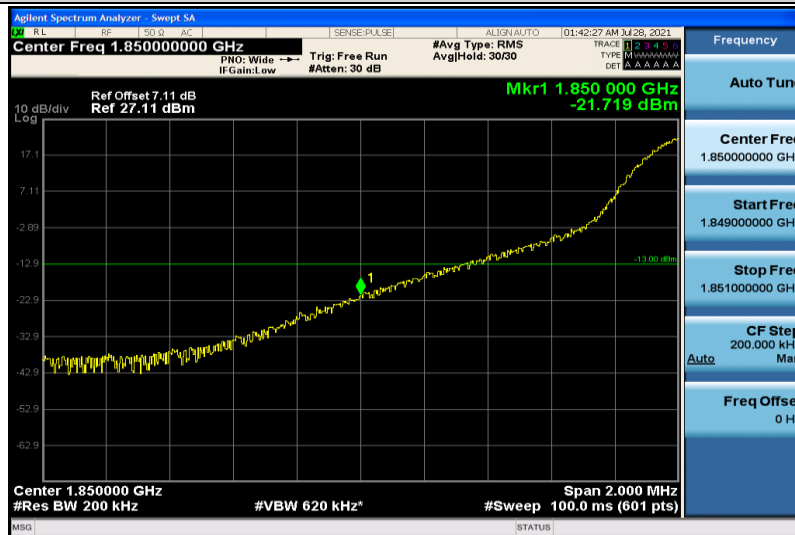
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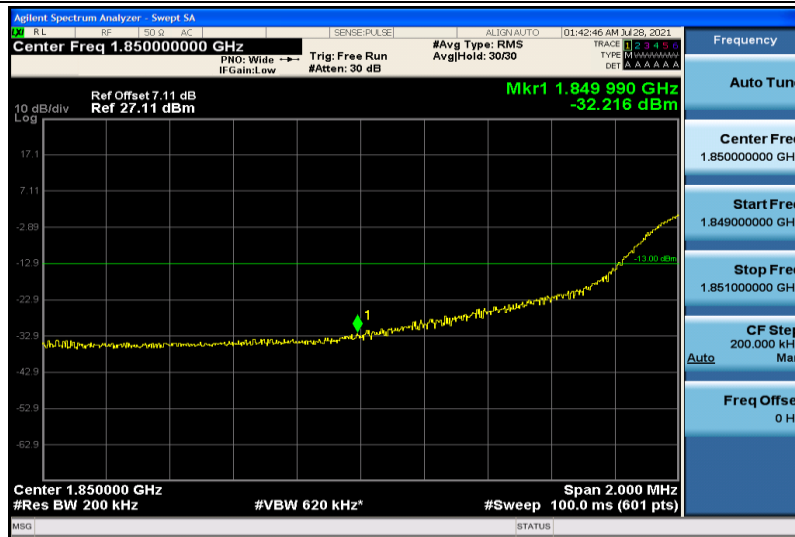
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Band2-15MHz-16QAM-19125-75RB#0



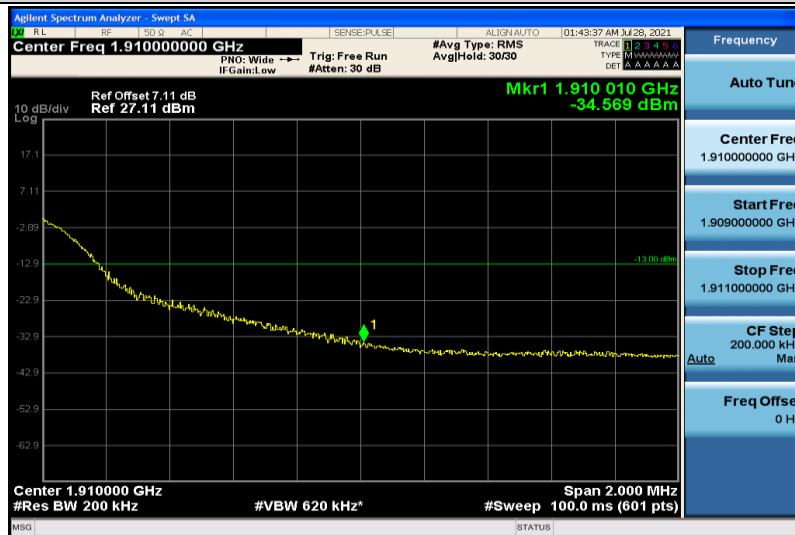
Band2-20MHz-QPSK-18700-1RB#0



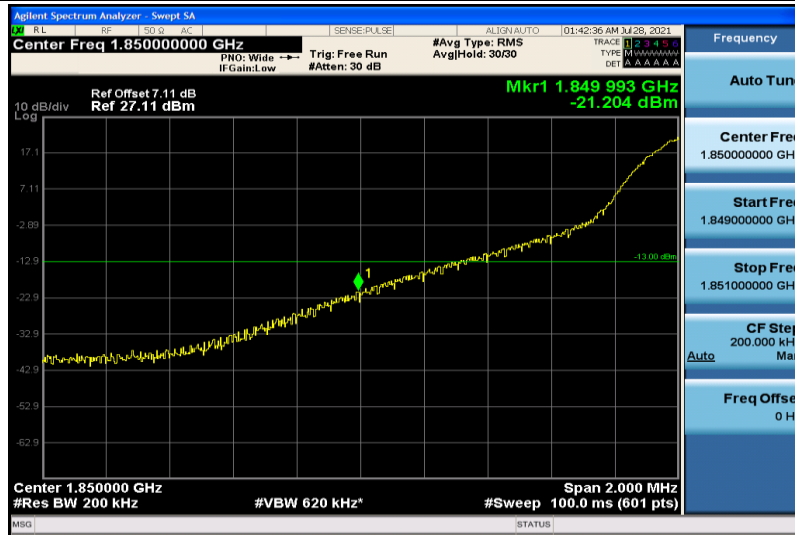
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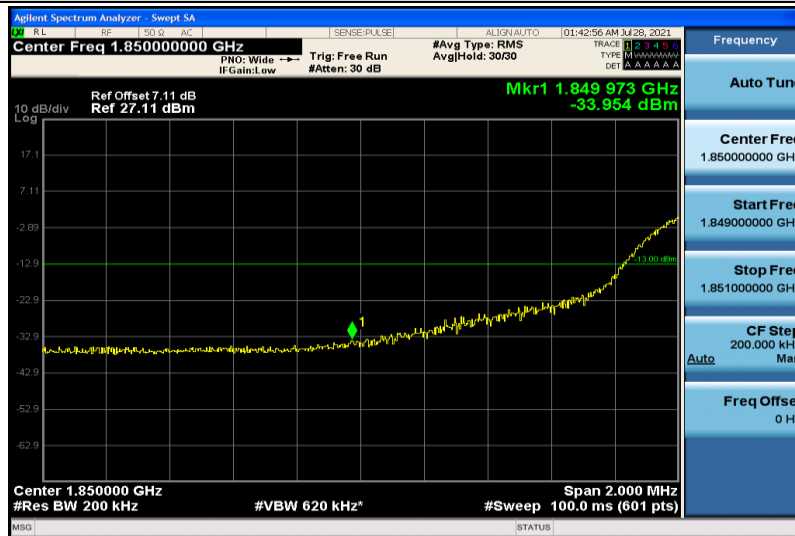
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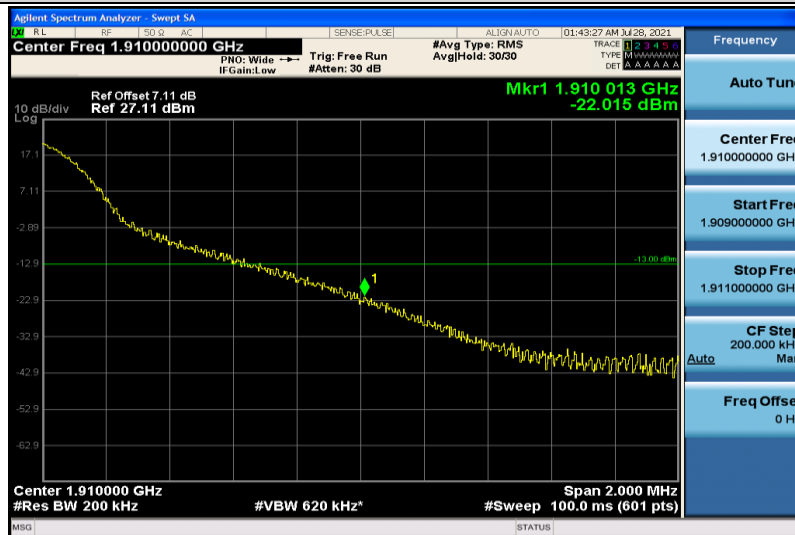
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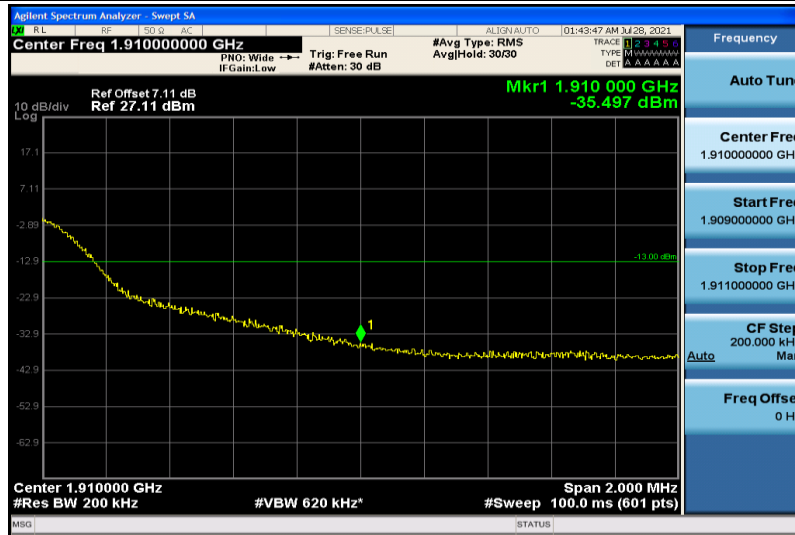
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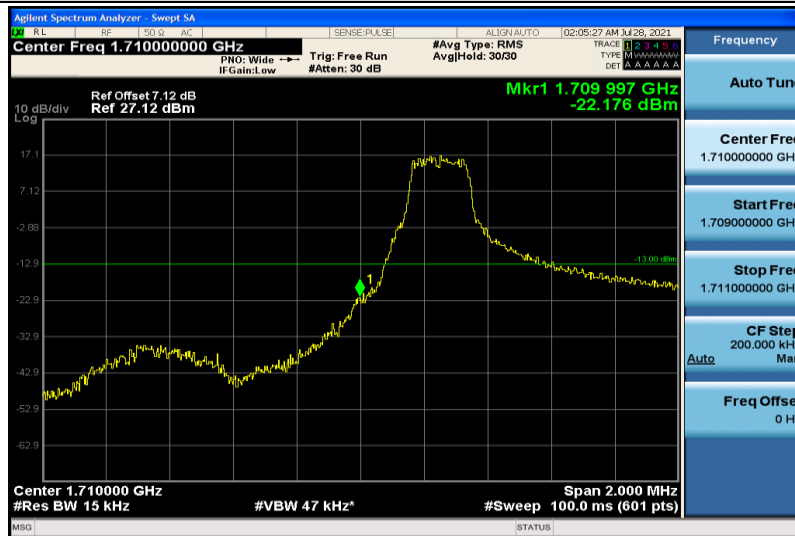
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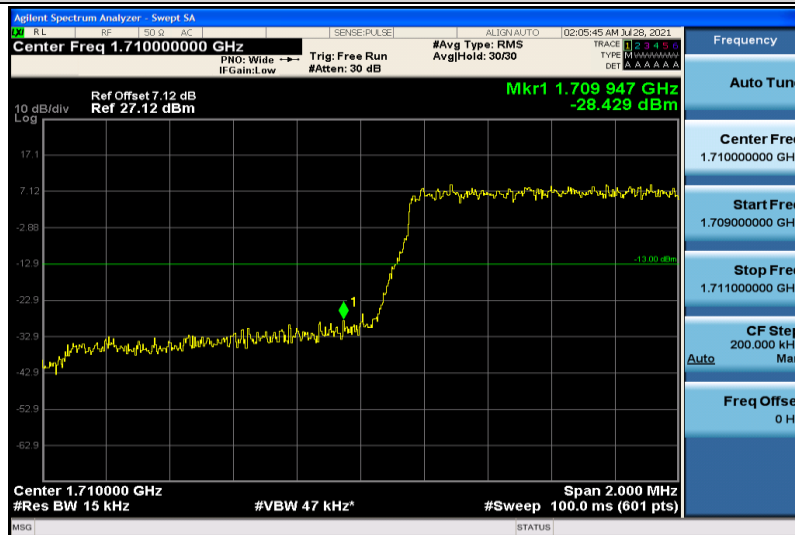
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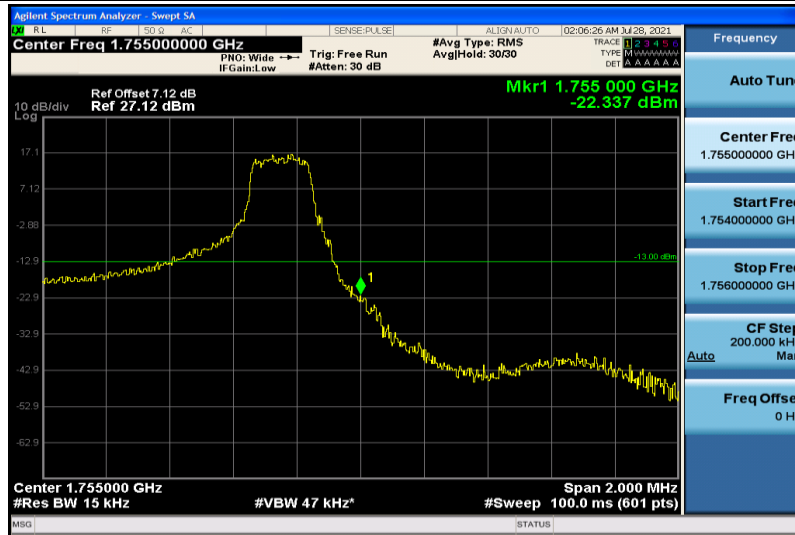
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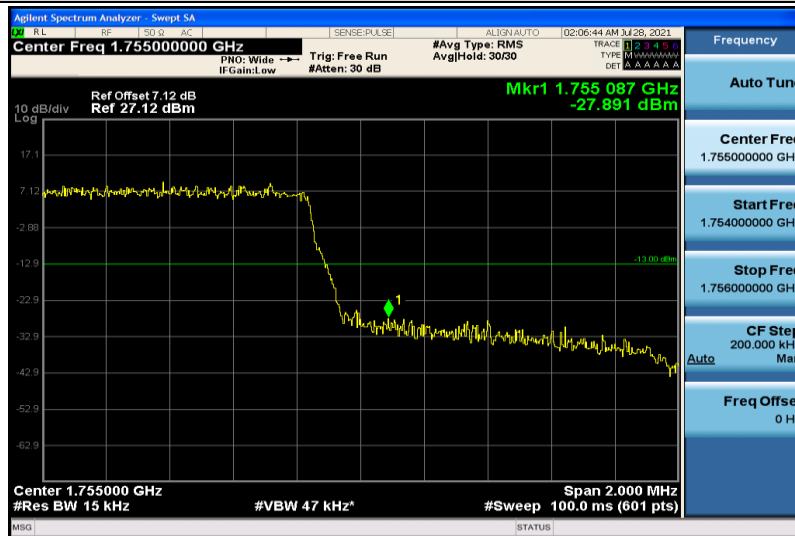
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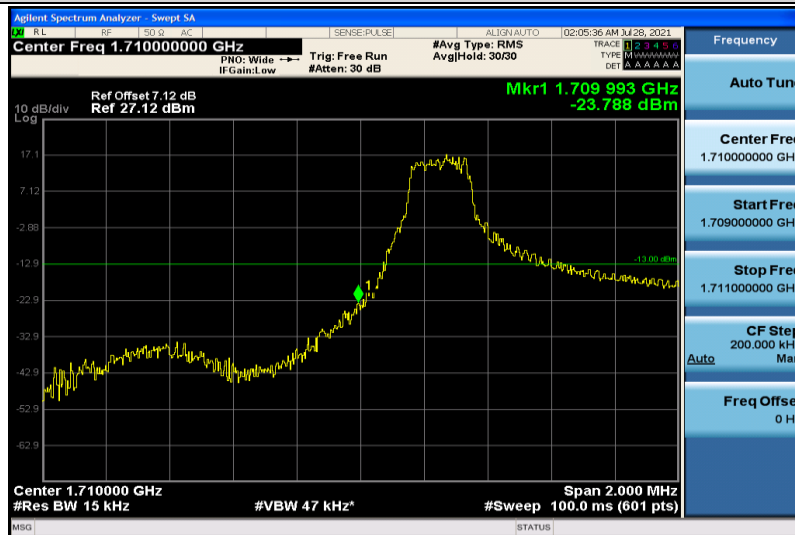
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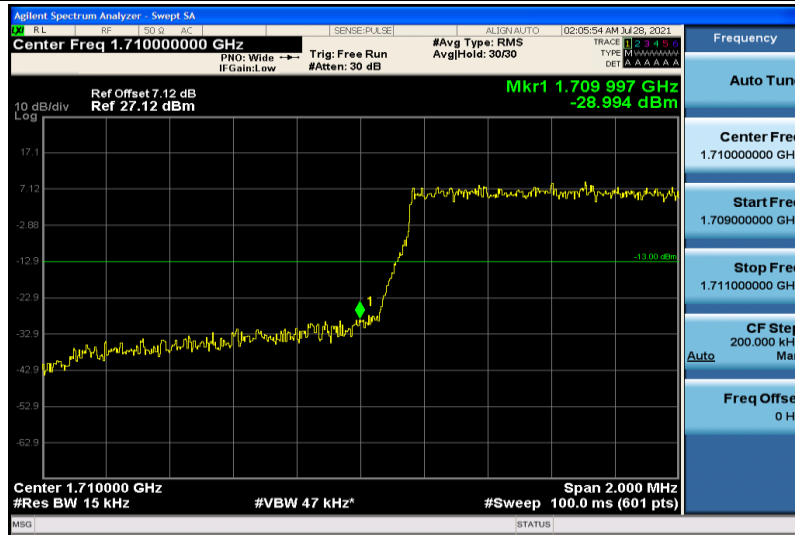
Band4-1.4MHz-QPSK-20393-1RB#5



Band4-1.4MHz-QPSK-20393-6RB#0



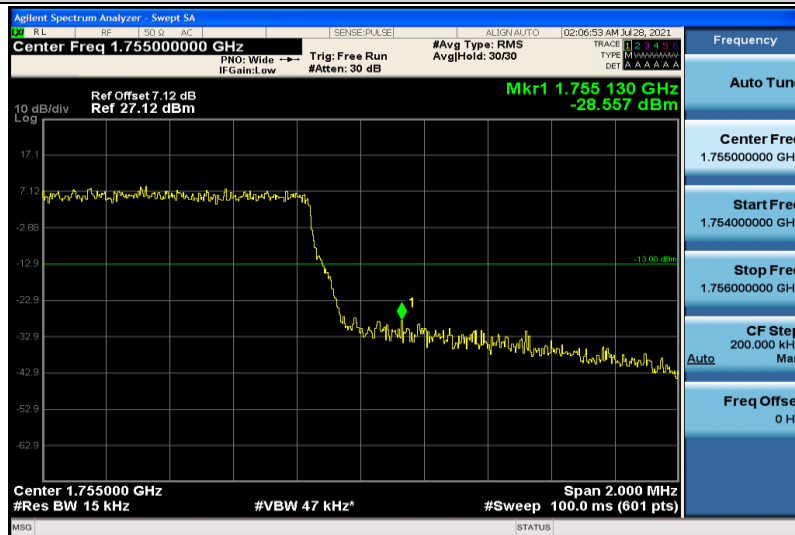
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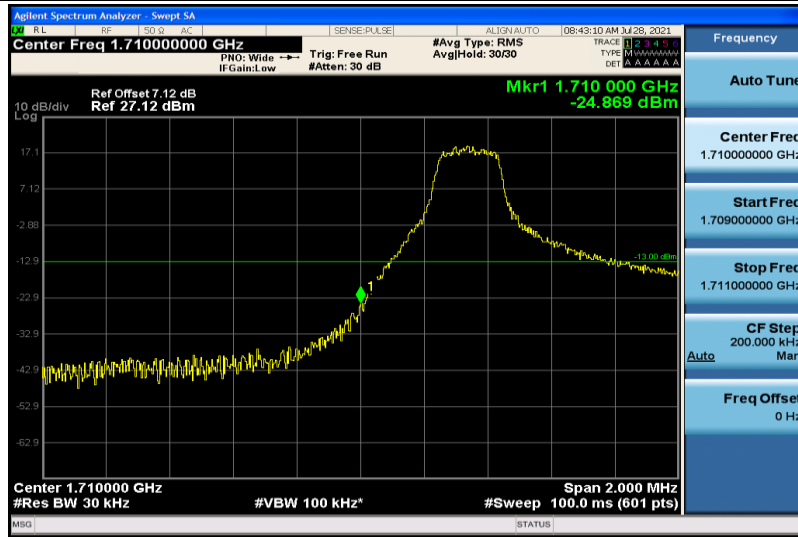
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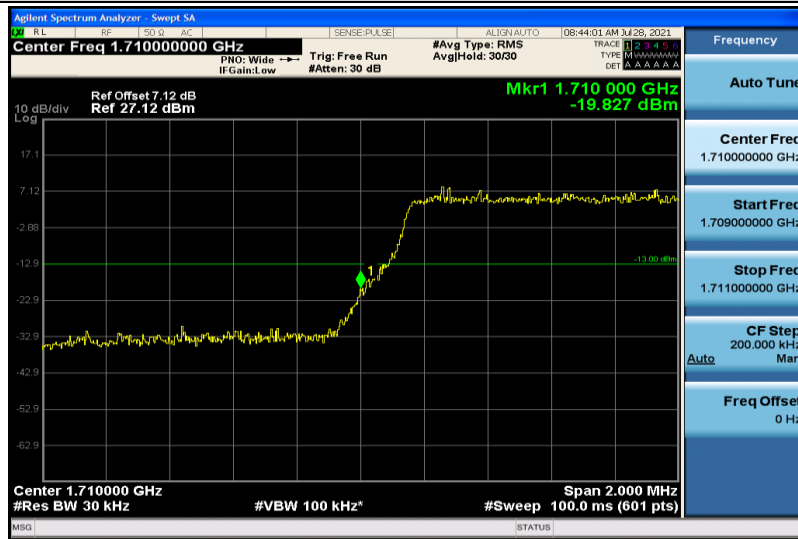
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Band4-1.4MHz-16QAM-20393-6RB#0



Band4-3MHz-QPSK-19965-1RB#0



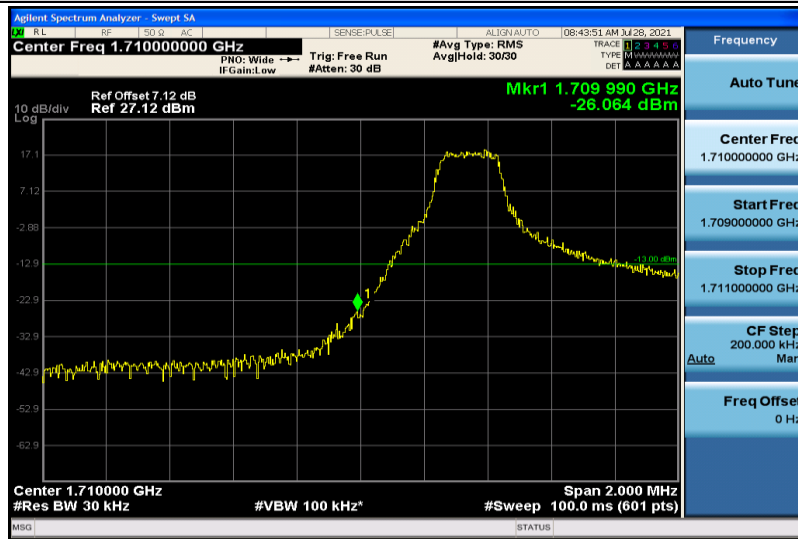
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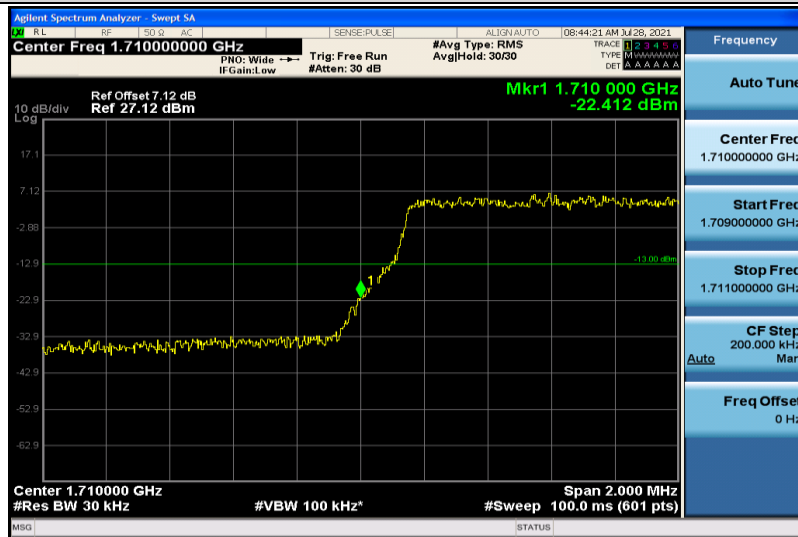
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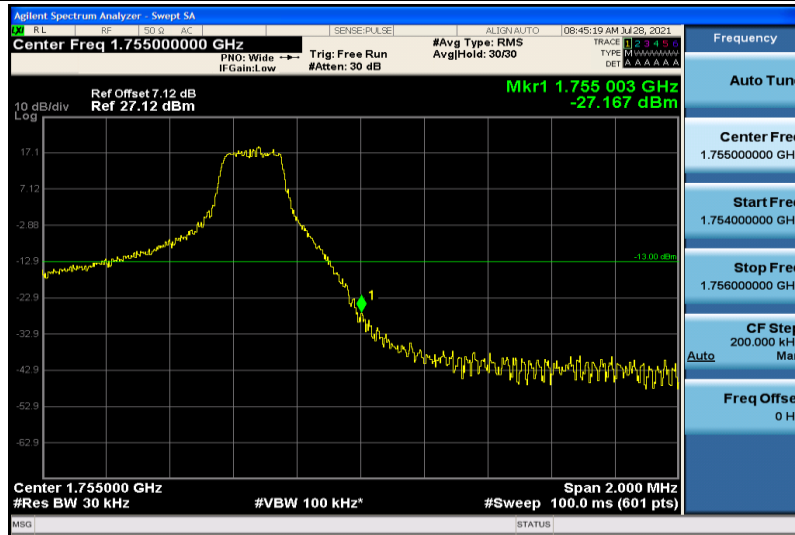
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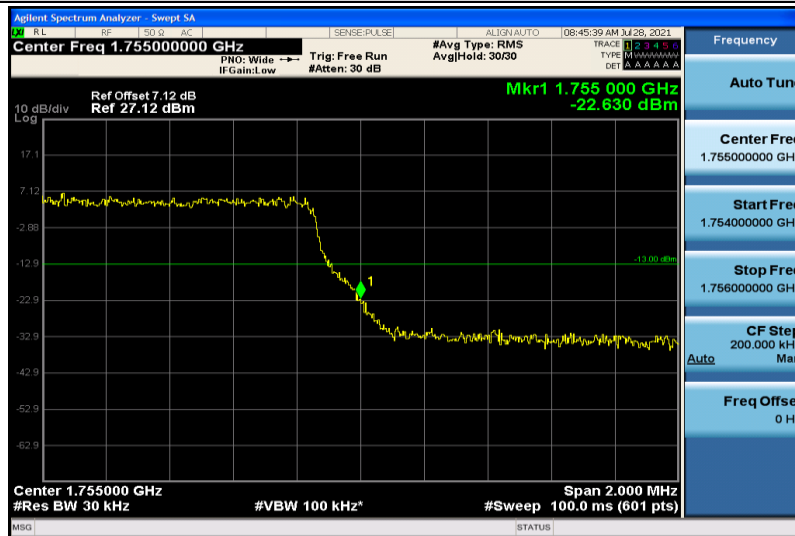
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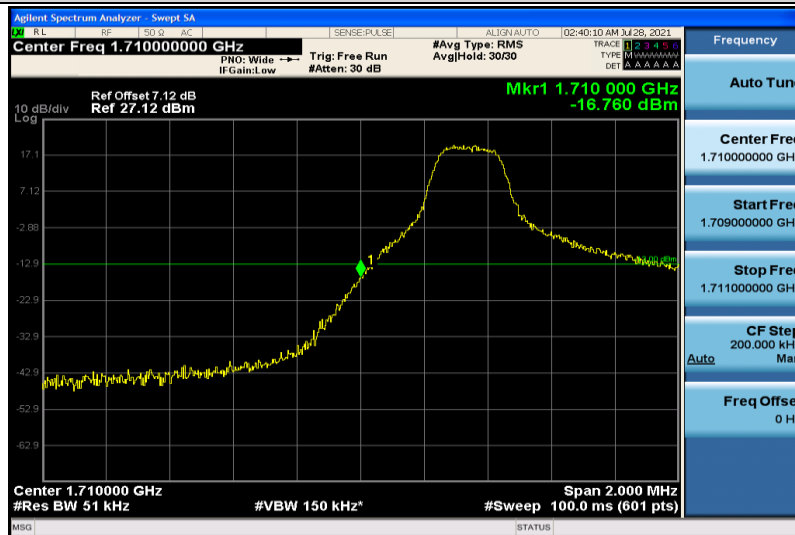
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Band4-3MHz-16QAM-20385-1RB#14



Band4-3MHz-16QAM-20385-15RB#0



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