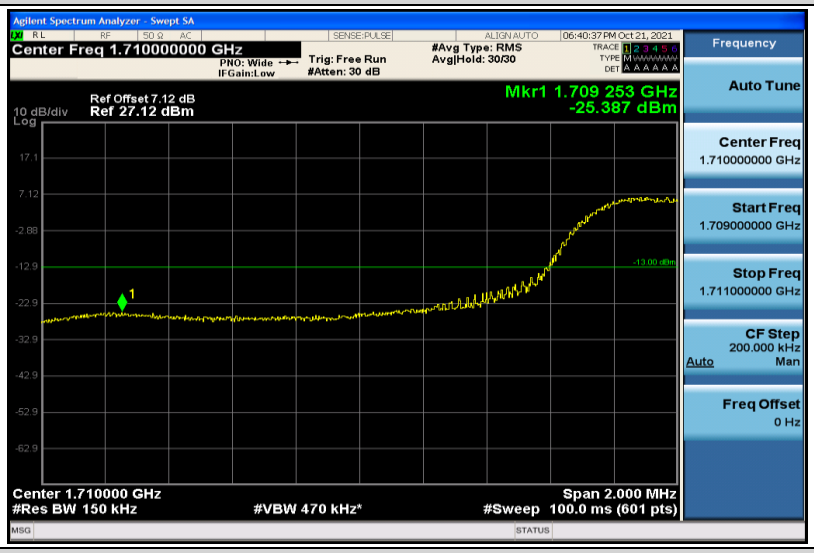
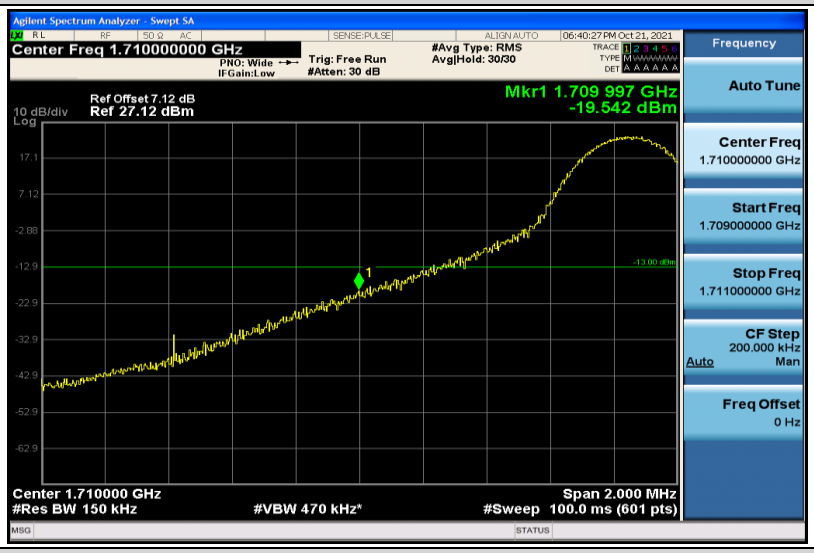
Band4-15MHz-QPSK-20025-1RB#0



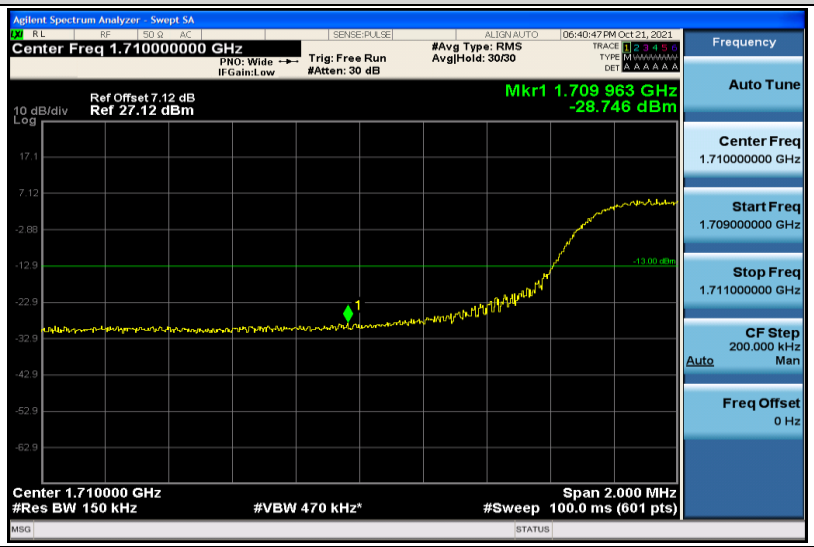
Band4-15MHz-QPSK-20025-75RB#0

Band4-15MHz-QPSK-20325-1RB#74

Band4-15MHz-QPSK-20325-75RB#0



Band4-15MHz-16QAM-20025-1RB#0



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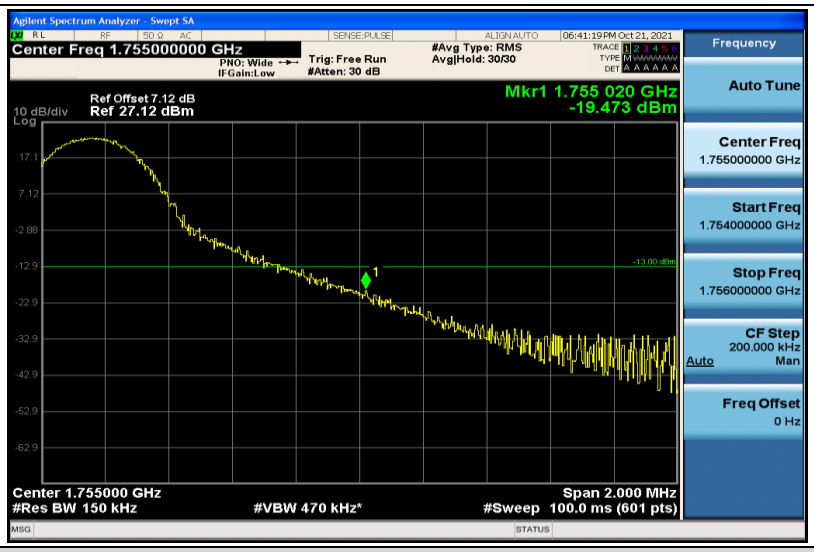

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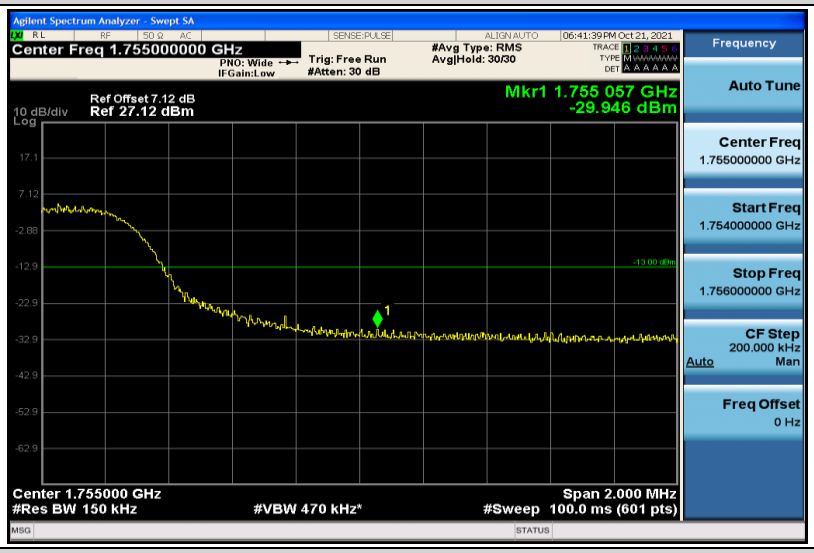
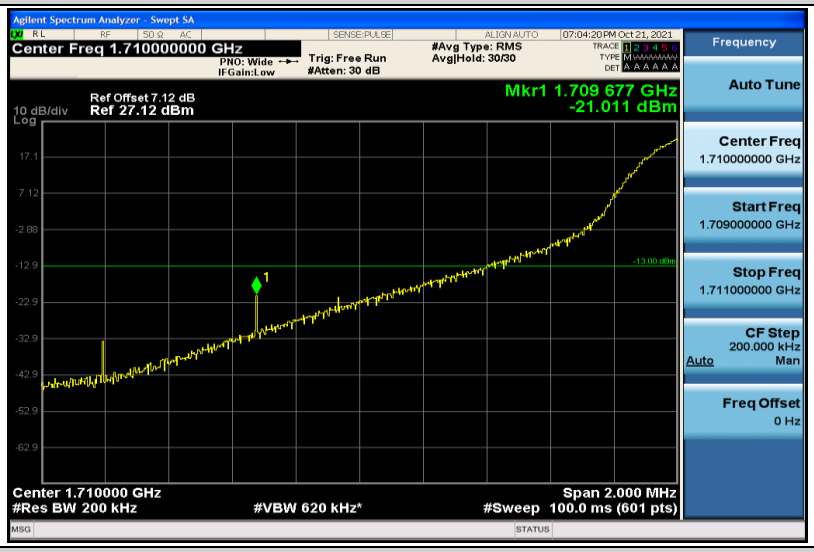


Band4-15MHz-16QAM-20325-75RB#0

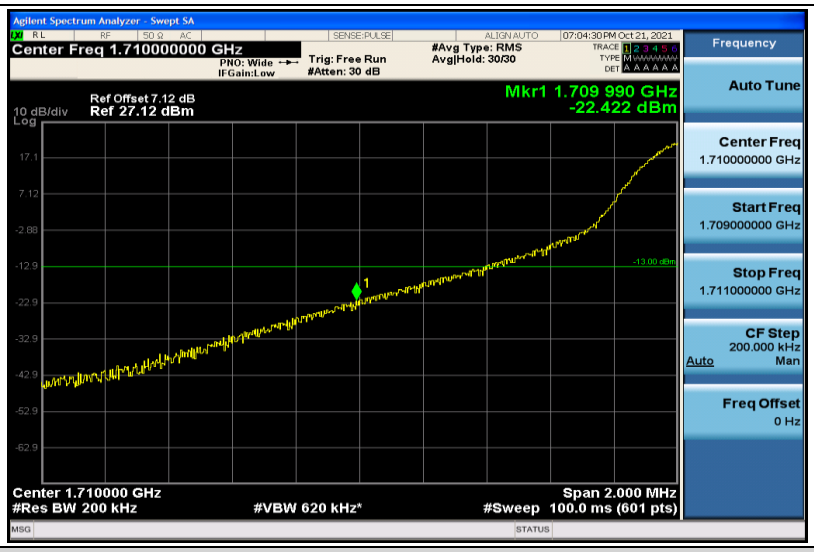


Band4-20MHz-QPSK-20050-1RB#0

Band4-20MHz-QPSK-20050-100RB#0

Band4-20MHz-QPSK-20300-1RB#99

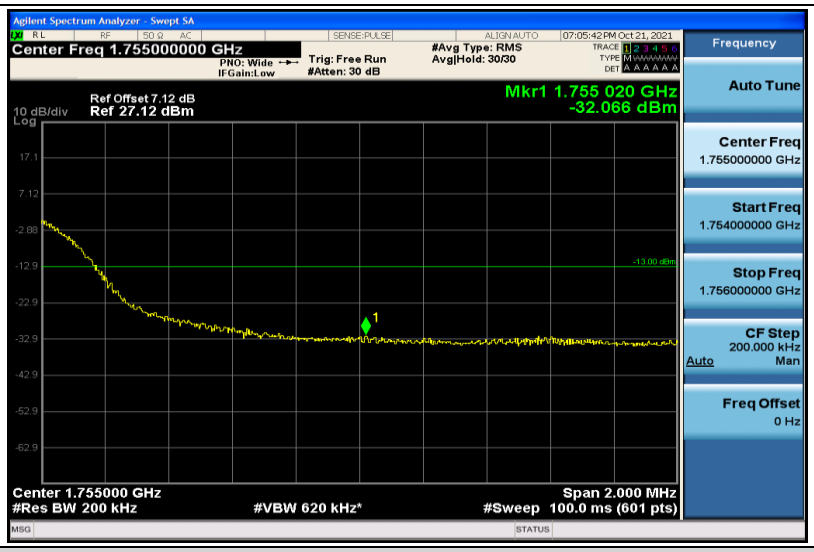
Band4-20MHz-QPSK-20300-100RB#0



Band4-20MHz-16QAM-20050-1RB#0

Band4-20MHz-16QAM-20050-100RB#0

Band4-20MHz-16QAM-20300-1RB#99



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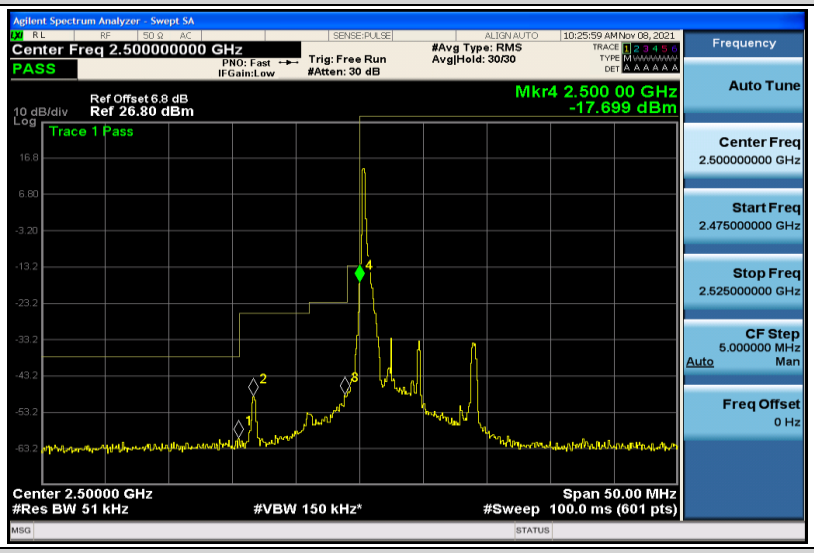
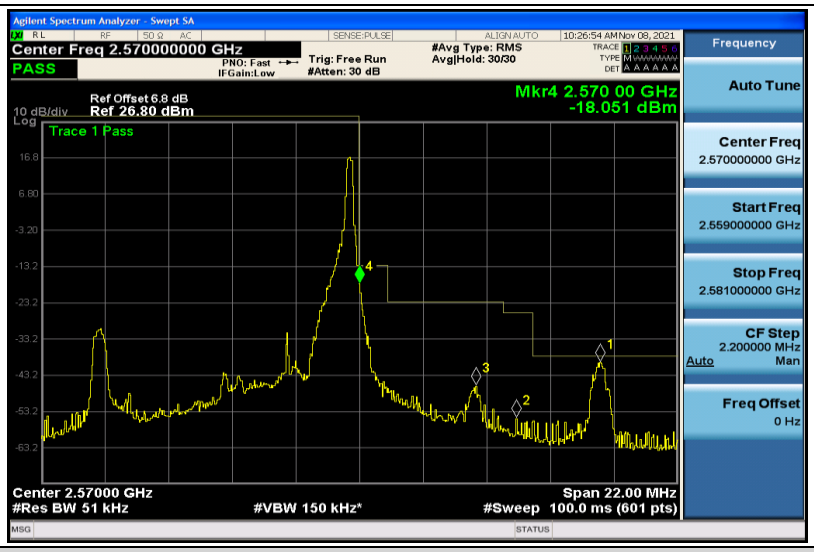


Band7-5MHz-QPSK-20775-1RB#0

Band7-5MHz-QPSK-20775-25RB#0



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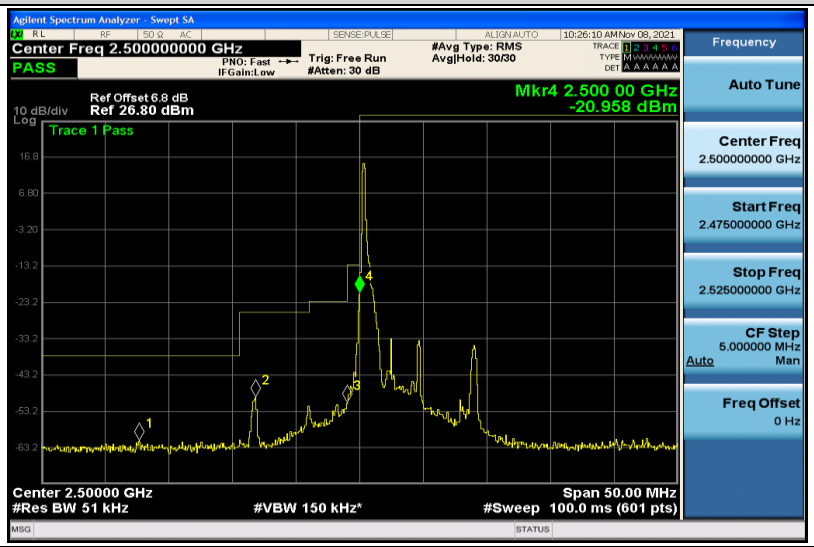
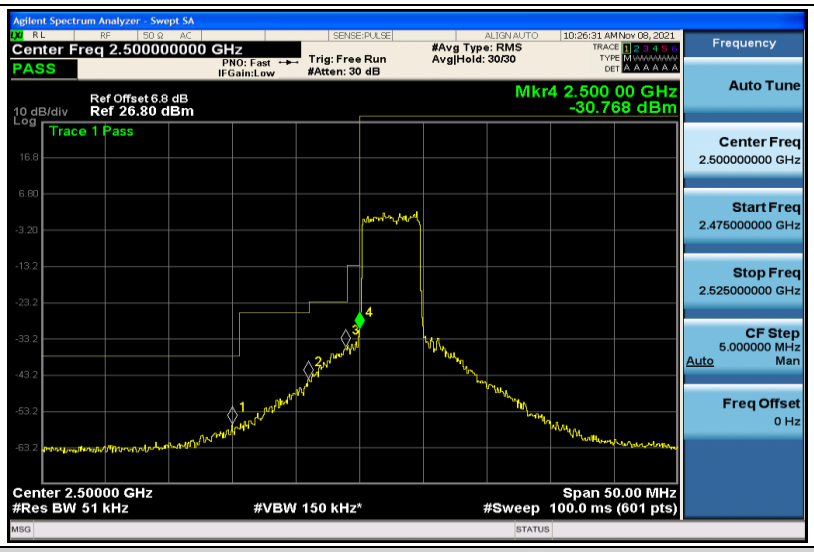
Band7-5MHz-QPSK-21425-25RB#0



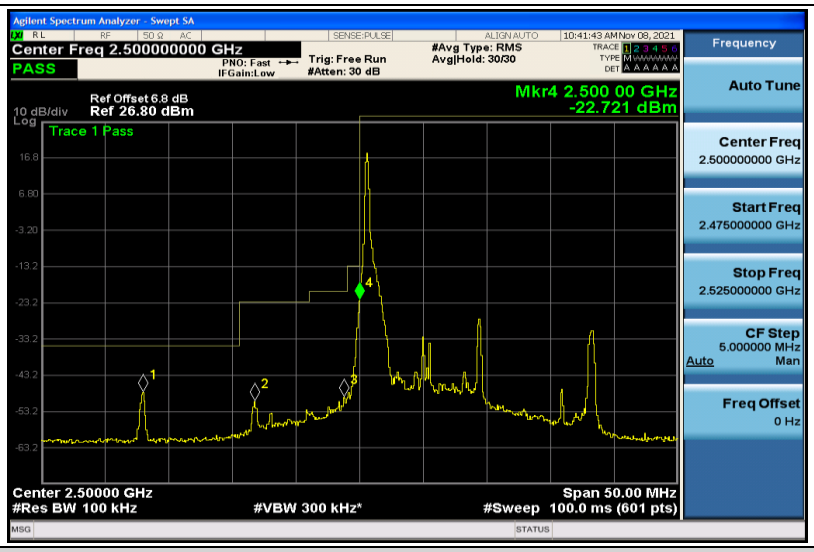
Band7-5MHz-16QAM-20775-1RB#0



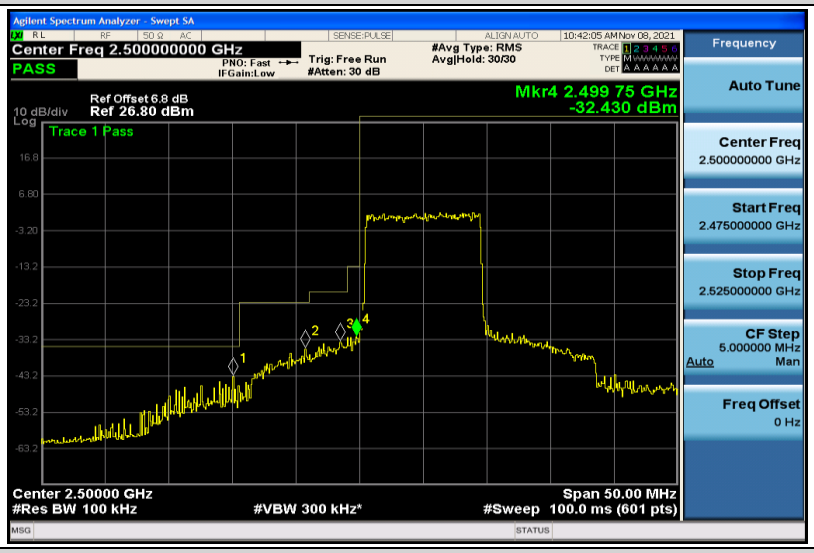
Band7-5MHz-16QAM-20775-25RB#0

Band7-5MHz-16QAM-21425-1RB#24

Band7-5MHz-16QAM-21425-25RB#0



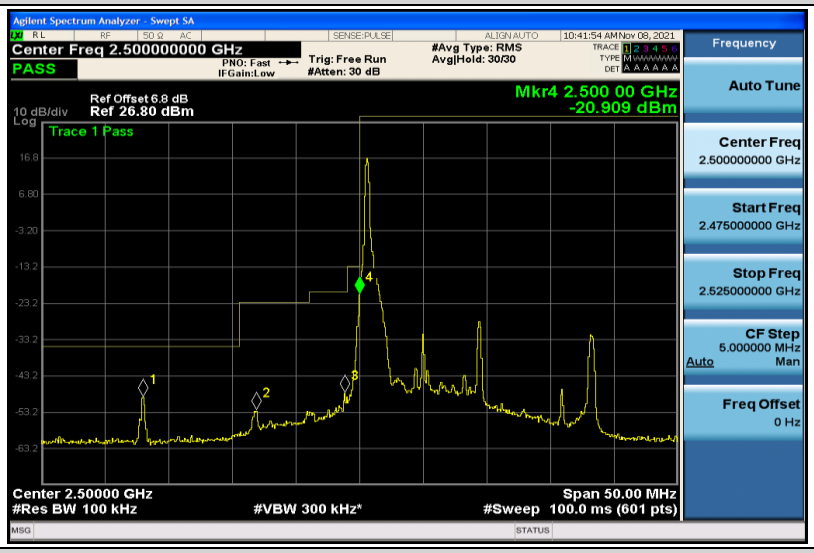
Band7-10MHz-QPSK-20800-1RB#0



Band7-10MHz-QPSK-20800-50RB#0

Band7-10MHz-QPSK-21400-1RB#49

Band7-10MHz-QPSK-21400-50RB#0



Band7-10MHz-16QAM-20800-1RB#0

Band7-10MHz-16QAM-20800-50RB#0

Band7-10MHz-16QAM-21400-1RB#49

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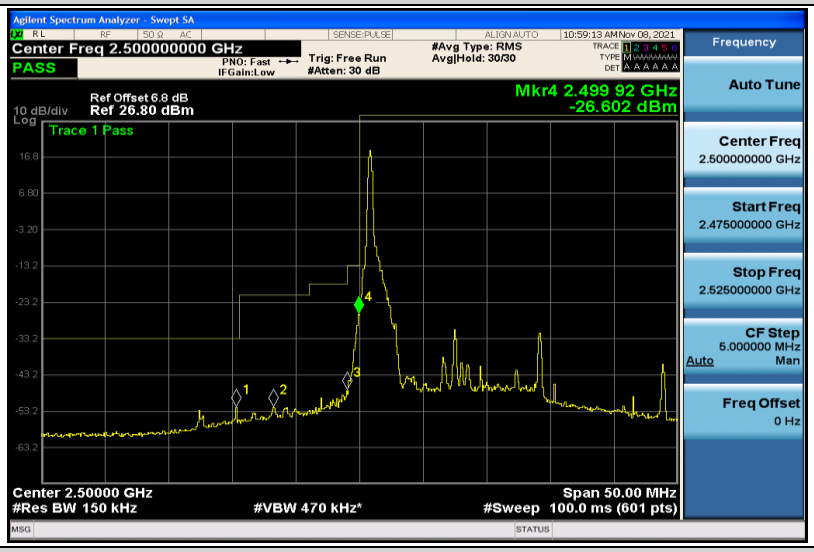
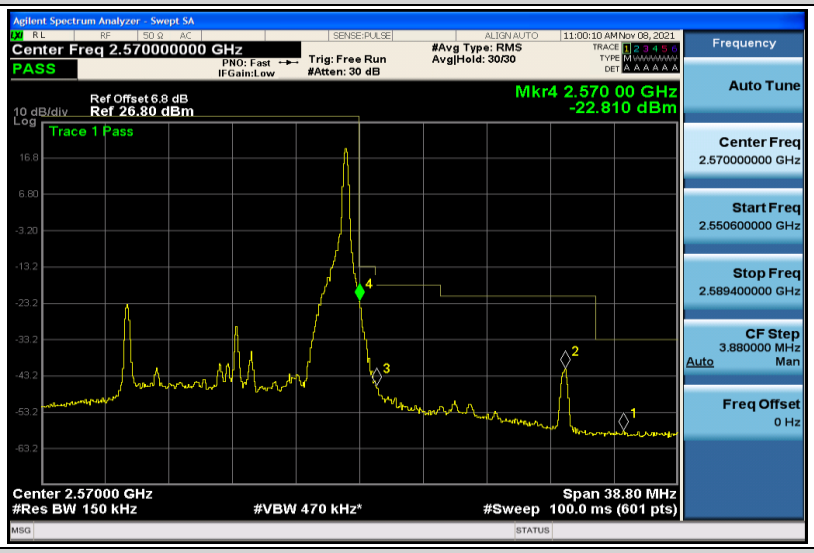


Band7-15MHz-QPSK-20825-1RB#0

Band7-15MHz-QPSK-20825-75RB#0



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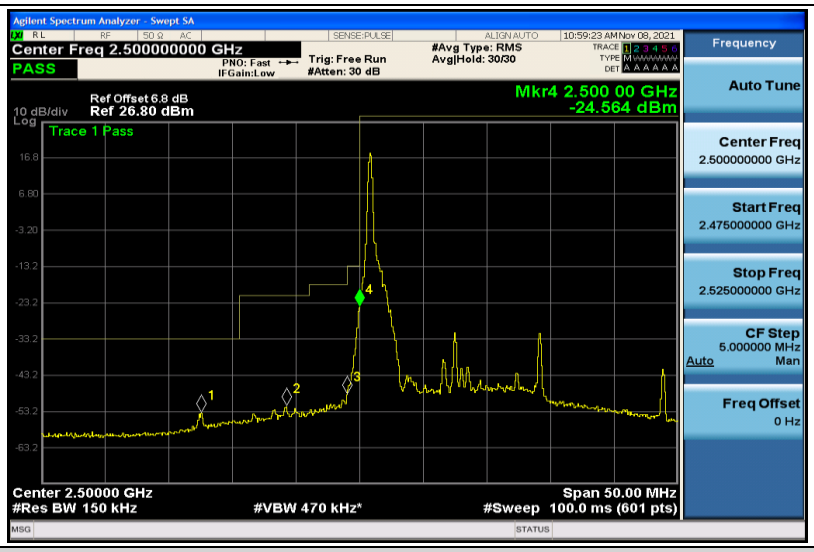

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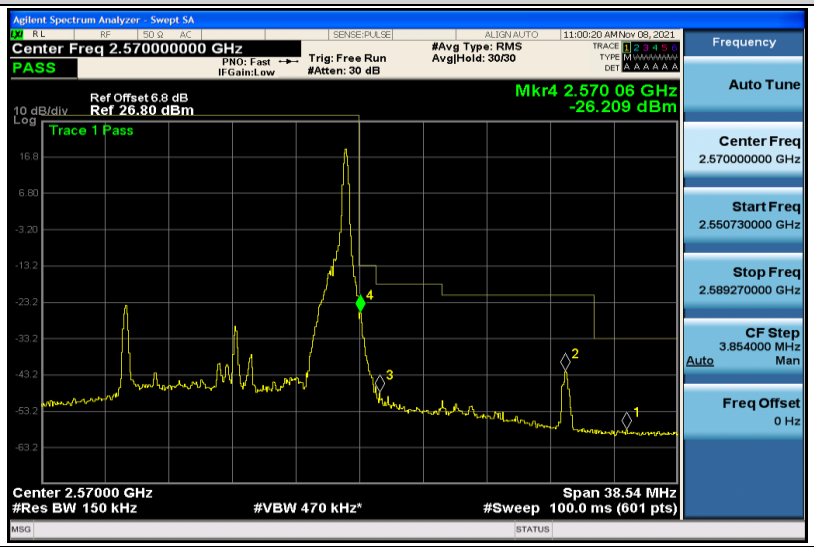

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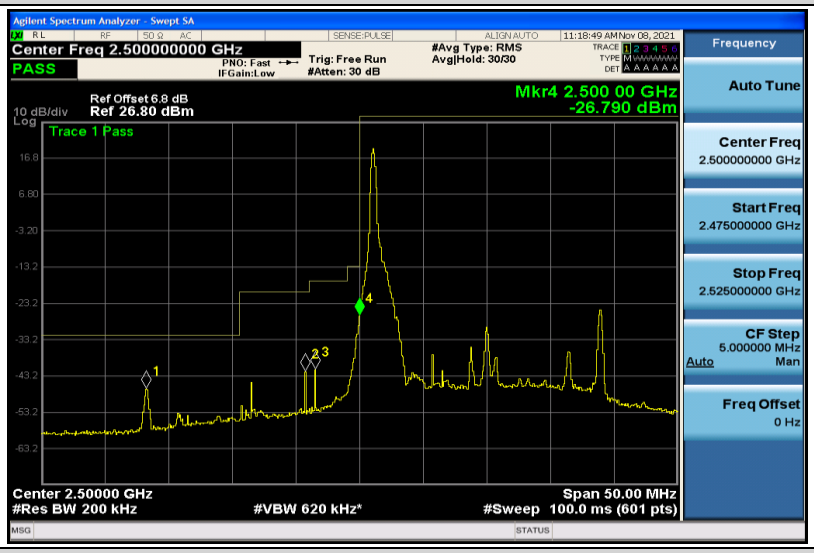
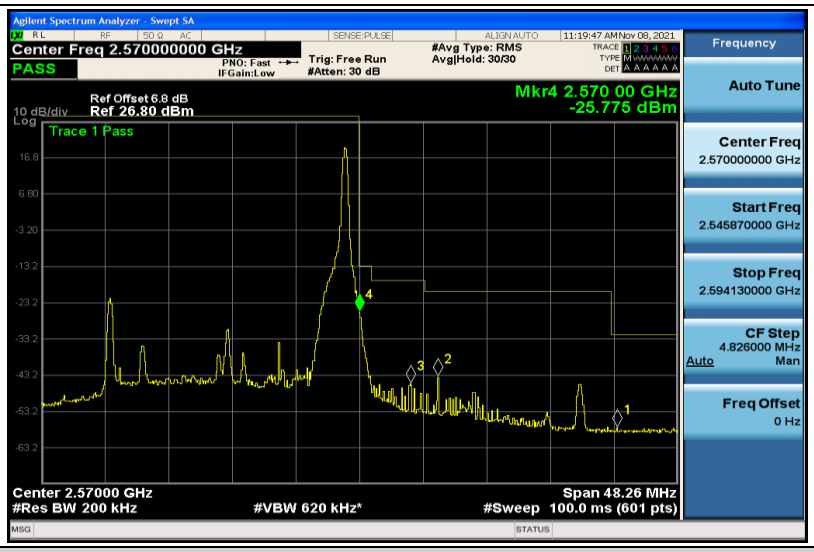


Band7-20MHz-QPSK-20850-1RB#0

Band7-20MHz-QPSK-20850-100RB#0



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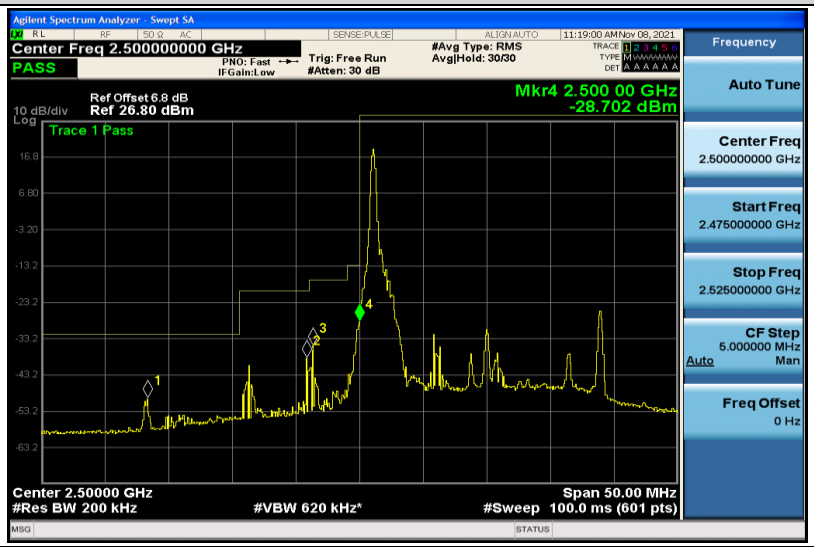
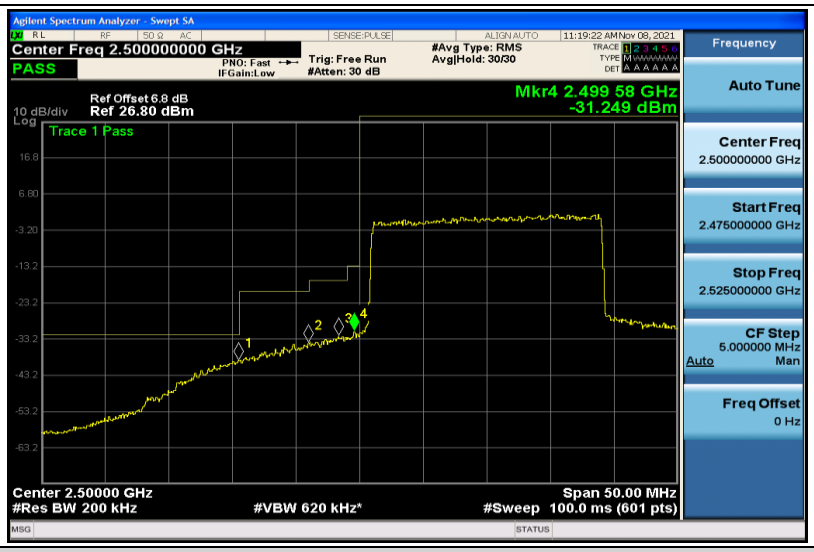
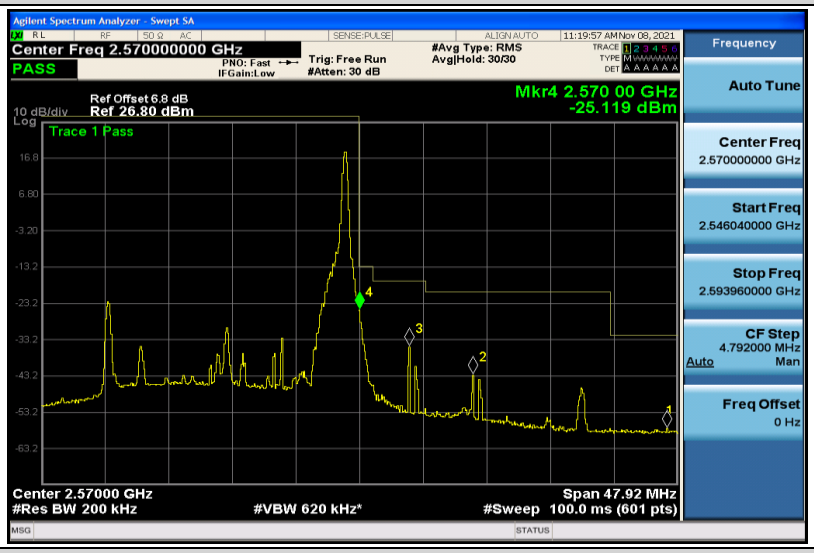


Band7-20MHz-16QAM-20850-1RB#0



Band7-20MHz-16QAM-20850-100RB#0



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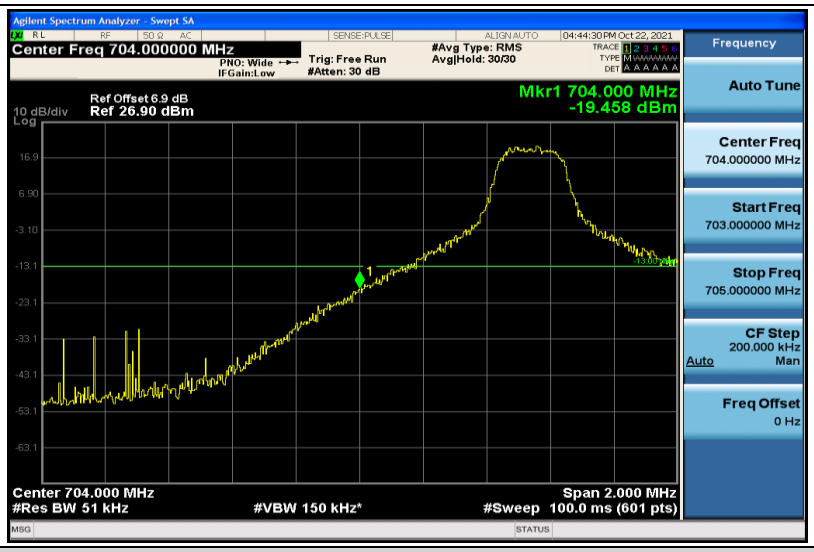
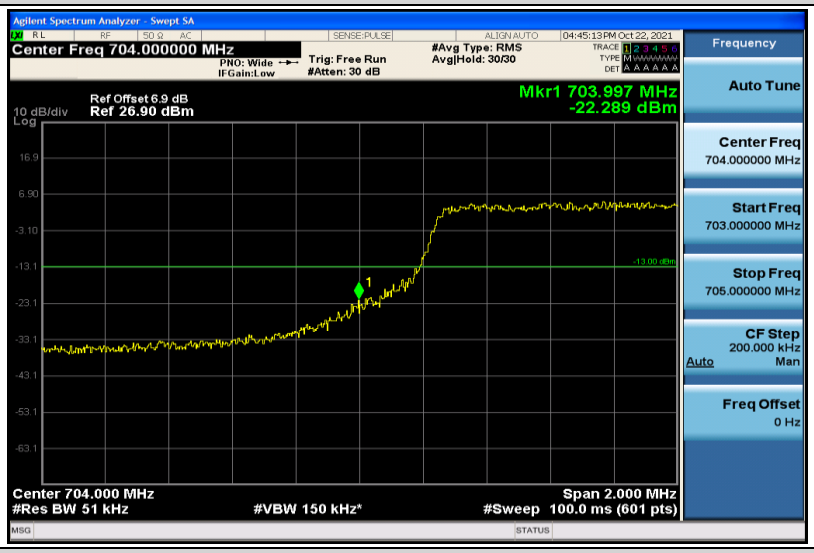
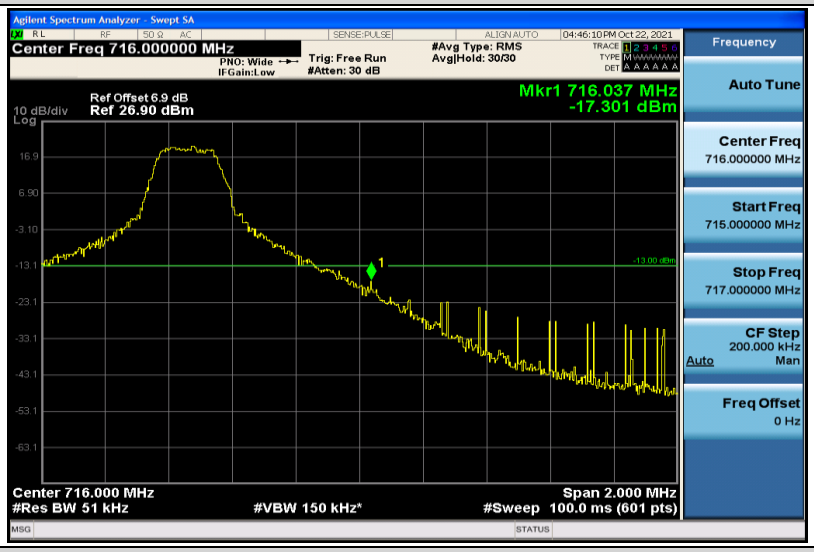


Band17-5MHz-QPSK-23755-1RB#0

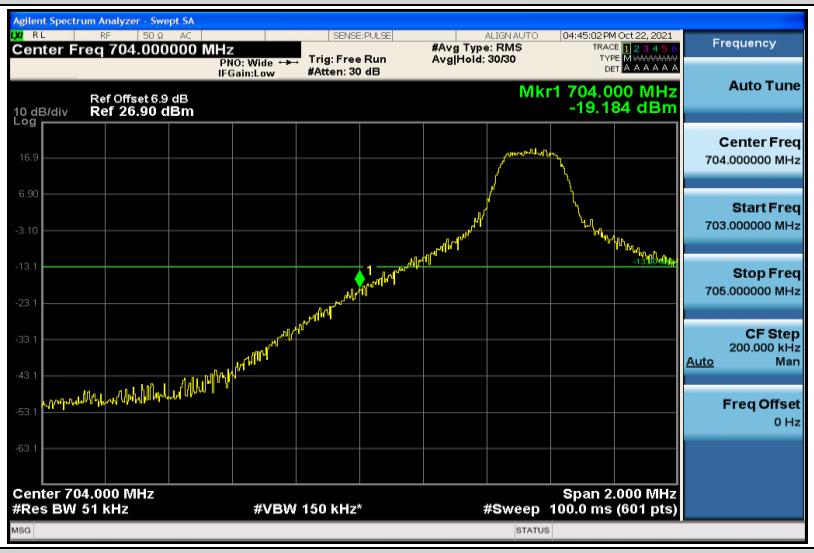


Band17-5MHz-QPSK-23755-25RB#0



Band17-5MHz-QPSK-23825-1RB#24

Band17-5MHz-QPSK-23825-25RB#0



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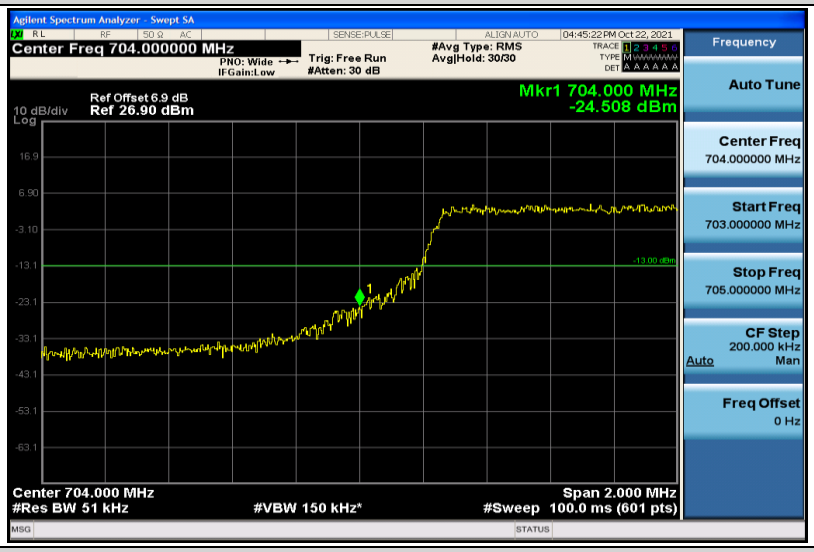
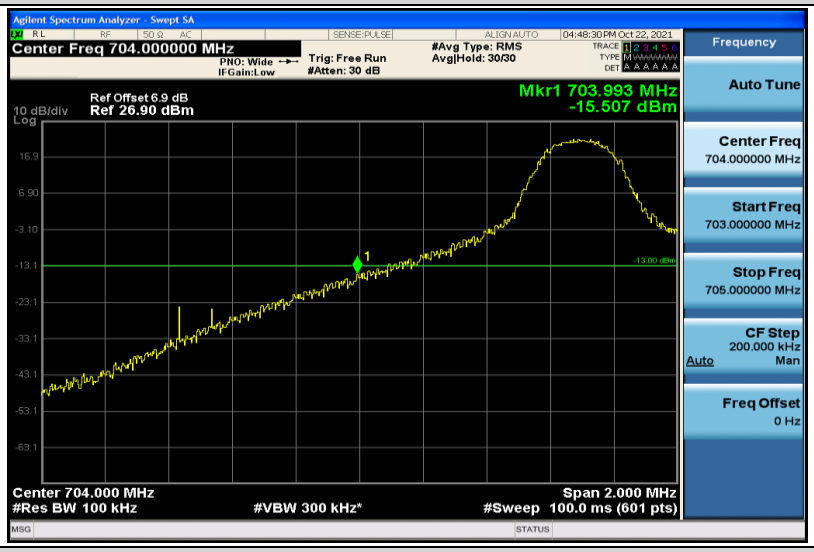


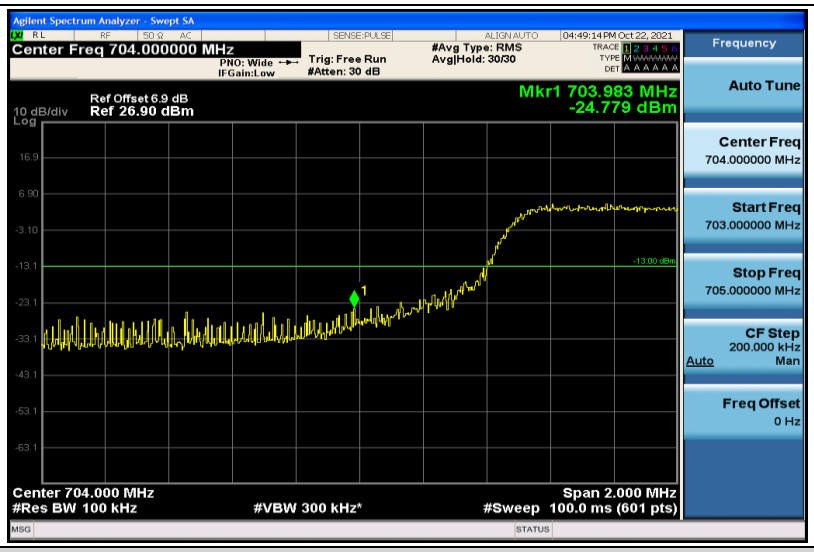
Band17-5MHz-16QAM-23755-25RB#0

Band17-5MHz-16QAM-23825-1RB#24

Band17-5MHz-16QAM-23825-25RB#0



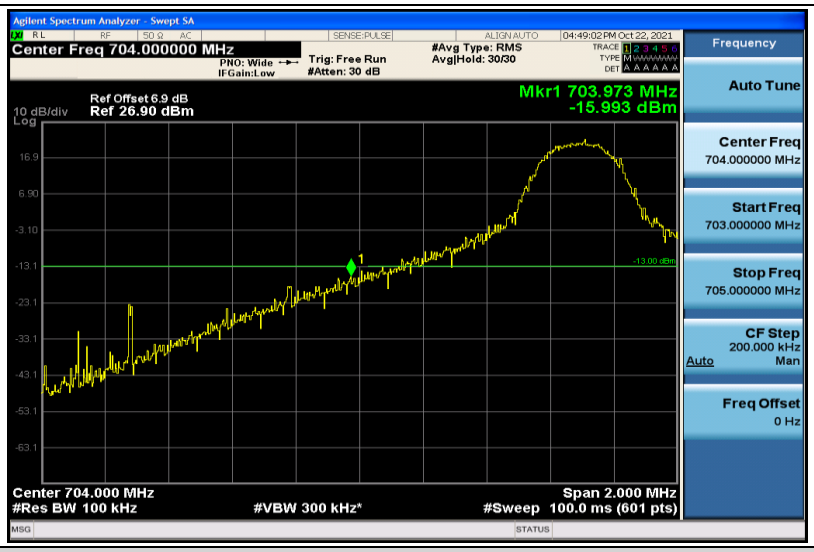
Band17-10MHz-QPSK-23780-1RB#0



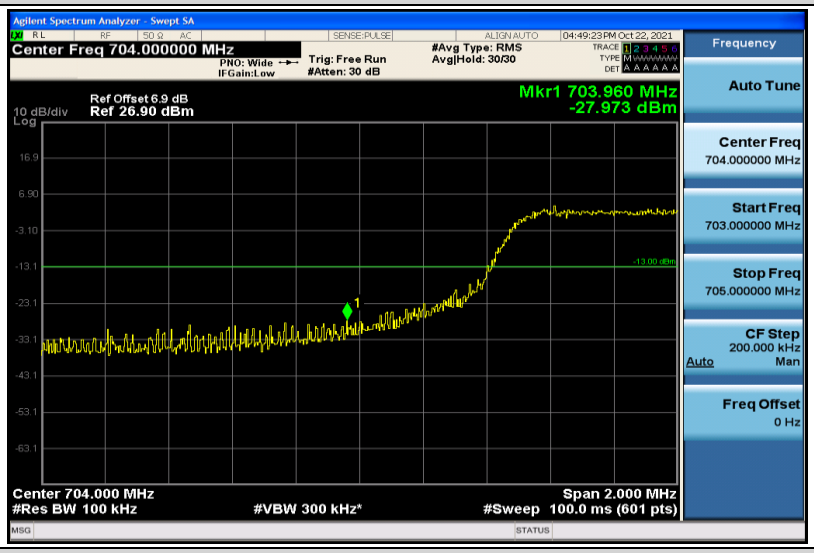
Band17-10MHz-QPSK-23780-50RB#0

Band17-10MHz-QPSK-23800-1RB#49

Band17-10MHz-QPSK-23800-50RB#0



Band17-10MHz-16QAM-23780-1RB#0



Band17-10MHz-16QAM-23780-50RB#0

Band17-10MHz-16QAM-23800-1RB#49

Band17-10MHz-16QAM-23800-50RB#0

8.5 Appendix E: Conducted Spurious Emission

Test Result

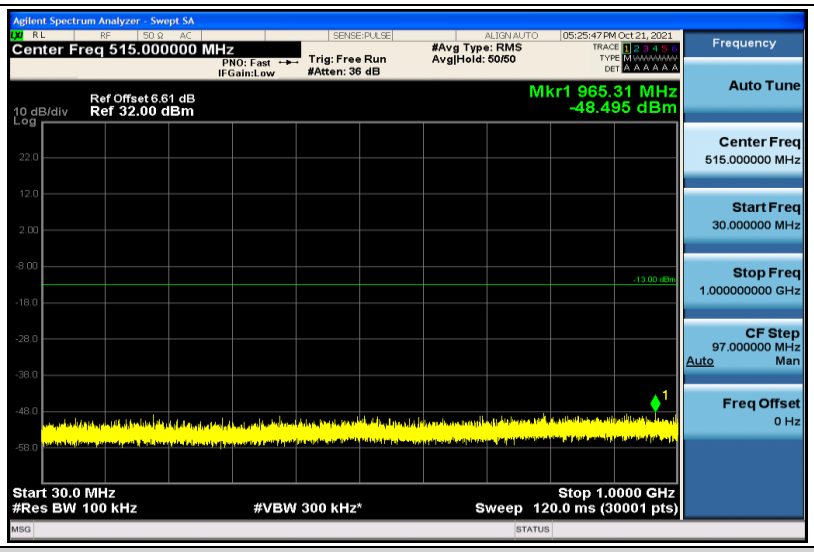
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	30~1000MHz	-48.50	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	1000~26000MHz	-31.74	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	30~1000MHz	-47.98	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	1000~26000MHz	-31.70	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	30~1000MHz	-48.61	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	1000~26000MHz	-31.57	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	30~1000MHz	-47.82	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	1000~26000MHz	-31.68	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	30~1000MHz	-47.96	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	1000~26000MHz	-31.68	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	30~1000MHz	-48.80	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	1000~26000MHz	-31.62	PASS
Band4	3MHz	QPSK	19965	1RB#0	30~1000MHz	-48.08	PASS
Band4	3MHz	QPSK	19965	1RB#0	1000~26000MHz	-31.75	PASS
Band4	3MHz	QPSK	20175	1RB#0	30~1000MHz	-47.84	PASS
Band4	3MHz	QPSK	20175	1RB#0	1000~26000MHz	-31.62	PASS
Band4	3MHz	QPSK	20385	1RB#0	30~1000MHz	-48.38	PASS
Band4	3MHz	QPSK	20385	1RB#0	1000~26000MHz	-31.49	PASS
Band4	3MHz	16QAM	19965	1RB#0	30~1000MHz	-48.52	PASS
Band4	3MHz	16QAM	19965	1RB#0	1000~26000MHz	-31.71	PASS
Band4	3MHz	16QAM	20175	1RB#0	30~1000MHz	-48.33	PASS
Band4	3MHz	16QAM	20175	1RB#0	1000~26000MHz	-31.65	PASS
Band4	3MHz	16QAM	20385	1RB#0	30~1000MHz	-48.23	PASS
Band4	3MHz	16QAM	20385	1RB#0	1000~26000MHz	-31.72	PASS
Band4	5MHz	QPSK	19975	1RB#0	30~1000MHz	-47.81	PASS
Band4	5MHz	QPSK	19975	1RB#0	1000~26000MHz	-31.55	PASS
Band4	5MHz	QPSK	20175	1RB#0	30~1000MHz	-47.95	PASS
Band4	5MHz	QPSK	20175	1RB#0	1000~26000MHz	-31.36	PASS
Band4	5MHz	QPSK	20375	1RB#0	30~1000MHz	-47.09	PASS
Band4	5MHz	QPSK	20375	1RB#0	1000~26000MHz	-31.46	PASS
Band4	5MHz	16QAM	19975	1RB#0	30~1000MHz	-47.68	PASS
Band4	5MHz	16QAM	19975	1RB#0	1000~26000MHz	-31.32	PASS
Band4	5MHz	16QAM	20175	1RB#0	30~1000MHz	-48.48	PASS
Band4	5MHz	16QAM	20175	1RB#0	1000~26000MHz	-31.46	PASS
Band4	5MHz	16QAM	20375	1RB#0	30~1000MHz	-48.10	PASS
Band4	5MHz	16QAM	20375	1RB#0	1000~26000MHz	-31.26	PASS
Band4	10MHz	QPSK	20000	1RB#0	30~1000MHz	-48.19	PASS

Band4	10MHz	QPSK	20000	1RB#0	1000~26000MHz	-31.55	PASS
Band4	10MHz	QPSK	20175	1RB#0	30~1000MHz	-48.20	PASS
Band4	10MHz	QPSK	20175	1RB#0	1000~26000MHz	-31.42	PASS
Band4	10MHz	QPSK	20350	1RB#0	30~1000MHz	-48.04	PASS
Band4	10MHz	QPSK	20350	1RB#0	1000~26000MHz	-31.52	PASS
Band4	10MHz	16QAM	20000	1RB#0	30~1000MHz	-48.15	PASS
Band4	10MHz	16QAM	20000	1RB#0	1000~26000MHz	-31.78	PASS
Band4	10MHz	16QAM	20175	1RB#0	30~1000MHz	-47.36	PASS
Band4	10MHz	16QAM	20175	1RB#0	1000~26000MHz	-31.39	PASS
Band4	10MHz	16QAM	20350	1RB#0	30~1000MHz	-48.37	PASS
Band4	10MHz	16QAM	20350	1RB#0	1000~26000MHz	-31.40	PASS
Band4	15MHz	QPSK	20025	1RB#0	30~1000MHz	-47.47	PASS
Band4	15MHz	QPSK	20025	1RB#0	1000~26000MHz	-31.43	PASS
Band4	15MHz	QPSK	20175	1RB#0	30~1000MHz	-47.90	PASS
Band4	15MHz	QPSK	20175	1RB#0	1000~26000MHz	-31.60	PASS
Band4	15MHz	QPSK	20325	1RB#0	30~1000MHz	-48.55	PASS
Band4	15MHz	QPSK	20325	1RB#0	1000~26000MHz	-31.48	PASS
Band4	15MHz	16QAM	20025	1RB#0	30~1000MHz	-47.65	PASS
Band4	15MHz	16QAM	20025	1RB#0	1000~26000MHz	-31.39	PASS
Band4	15MHz	16QAM	20175	1RB#0	30~1000MHz	-47.98	PASS
Band4	15MHz	16QAM	20175	1RB#0	1000~26000MHz	-31.30	PASS
Band4	15MHz	16QAM	20325	1RB#0	30~1000MHz	-47.52	PASS
Band4	15MHz	16QAM	20325	1RB#0	1000~26000MHz	-31.68	PASS
Band4	20MHz	QPSK	20050	1RB#0	30~1000MHz	-47.64	PASS
Band4	20MHz	QPSK	20050	1RB#0	1000~26000MHz	-31.56	PASS
Band4	20MHz	QPSK	20175	1RB#0	30~1000MHz	-48.29	PASS
Band4	20MHz	QPSK	20175	1RB#0	1000~26000MHz	-31.62	PASS
Band4	20MHz	QPSK	20300	1RB#0	30~1000MHz	-49.02	PASS
Band4	20MHz	QPSK	20300	1RB#0	1000~26000MHz	-31.76	PASS
Band4	20MHz	16QAM	20050	1RB#0	30~1000MHz	-47.90	PASS
Band4	20MHz	16QAM	20050	1RB#0	1000~26000MHz	-31.49	PASS
Band4	20MHz	16QAM	20175	1RB#0	30~1000MHz	-48.32	PASS
Band4	20MHz	16QAM	20175	1RB#0	1000~26000MHz	-31.78	PASS
Band4	20MHz	16QAM	20300	1RB#0	30~1000MHz	-48.30	PASS
Band4	20MHz	16QAM	20300	1RB#0	1000~26000MHz	-31.89	PASS
Band7	5MHz	QPSK	20775	1RB#0	30~1000MHz	-52.32	PASS
Band7	5MHz	QPSK	20775	1RB#0	1000~26000MHz	-33.53	PASS
Band7	5MHz	QPSK	21100	1RB#0	30~1000MHz	-52.24	PASS
Band7	5MHz	QPSK	21100	1RB#0	1000~26000MHz	-35.83	PASS
Band7	5MHz	QPSK	21425	1RB#0	30~1000MHz	-51.77	PASS
Band7	5MHz	QPSK	21425	1RB#0	1000~26000MHz	-35.94	PASS
Band7	5MHz	16QAM	20775	1RB#0	30~1000MHz	-52.04	PASS
Band7	5MHz	16QAM	20775	1RB#0	1000~26000MHz	-35.85	PASS
Band7	5MHz	16QAM	21100	1RB#0	30~1000MHz	-52.37	PASS
Band7	5MHz	16QAM	21100	1RB#0	1000~26000MHz	-35.87	PASS

Band7	5MHz	16QAM	21425	1RB#0	30~1000MHz	-51.98	PASS
Band7	5MHz	16QAM	21425	1RB#0	1000~26000MHz	-35.82	PASS
Band7	10MHz	QPSK	20800	1RB#0	30~1000MHz	-52.12	PASS
Band7	10MHz	QPSK	20800	1RB#0	1000~26000MHz	-35.60	PASS
Band7	10MHz	QPSK	21100	1RB#0	30~1000MHz	-51.54	PASS
Band7	10MHz	QPSK	21100	1RB#0	1000~26000MHz	-35.78	PASS
Band7	10MHz	QPSK	21400	1RB#0	30~1000MHz	-52.16	PASS
Band7	10MHz	QPSK	21400	1RB#0	1000~26000MHz	-35.84	PASS
Band7	10MHz	16QAM	20800	1RB#0	30~1000MHz	-52.30	PASS
Band7	10MHz	16QAM	20800	1RB#0	1000~26000MHz	-35.76	PASS
Band7	10MHz	16QAM	21100	1RB#0	30~1000MHz	-52.18	PASS
Band7	10MHz	16QAM	21100	1RB#0	1000~26000MHz	-35.94	PASS
Band7	10MHz	16QAM	21400	1RB#0	30~1000MHz	-52.23	PASS
Band7	10MHz	16QAM	21400	1RB#0	1000~26000MHz	-35.86	PASS
Band7	15MHz	QPSK	20825	1RB#0	30~1000MHz	-52.14	PASS
Band7	15MHz	QPSK	20825	1RB#0	1000~26000MHz	-35.79	PASS
Band7	15MHz	QPSK	21100	1RB#0	30~1000MHz	-51.99	PASS
Band7	15MHz	QPSK	21100	1RB#0	1000~26000MHz	-35.86	PASS
Band7	15MHz	QPSK	21375	1RB#0	30~1000MHz	-51.65	PASS
Band7	15MHz	QPSK	21375	1RB#0	1000~26000MHz	-35.69	PASS
Band7	15MHz	16QAM	20825	1RB#0	30~1000MHz	-51.03	PASS
Band7	15MHz	16QAM	20825	1RB#0	1000~26000MHz	-35.89	PASS
Band7	15MHz	16QAM	21100	1RB#0	30~1000MHz	-52.66	PASS
Band7	15MHz	16QAM	21100	1RB#0	1000~26000MHz	-35.74	PASS
Band7	15MHz	16QAM	21375	1RB#0	30~1000MHz	-51.99	PASS
Band7	15MHz	16QAM	21375	1RB#0	1000~26000MHz	-35.82	PASS
Band7	20MHz	QPSK	20850	1RB#0	30~1000MHz	-52.33	PASS
Band7	20MHz	QPSK	20850	1RB#0	1000~26000MHz	-35.87	PASS
Band7	20MHz	QPSK	21100	1RB#0	30~1000MHz	-52.09	PASS
Band7	20MHz	QPSK	21100	1RB#0	1000~26000MHz	-35.60	PASS
Band7	20MHz	QPSK	21350	1RB#0	30~1000MHz	-52.22	PASS
Band7	20MHz	QPSK	21350	1RB#0	1000~26000MHz	-36.05	PASS
Band7	20MHz	16QAM	20850	1RB#0	30~1000MHz	-52.52	PASS
Band7	20MHz	16QAM	20850	1RB#0	1000~26000MHz	-36.02	PASS
Band7	20MHz	16QAM	21100	1RB#0	30~1000MHz	-52.45	PASS
Band7	20MHz	16QAM	21100	1RB#0	1000~26000MHz	-35.94	PASS
Band7	20MHz	16QAM	21350	1RB#0	30~1000MHz	-52.19	PASS
Band7	20MHz	16QAM	21350	1RB#0	1000~26000MHz	-36.01	PASS
Band17	5MHz	QPSK	23755	1RB#0	30~1000MHz	-47.41	PASS
Band17	5MHz	QPSK	23755	1RB#0	1000~26000MHz	-31.67	PASS
Band17	5MHz	QPSK	23790	1RB#0	30~1000MHz	-48.55	PASS
Band17	5MHz	QPSK	23790	1RB#0	1000~26000MHz	-31.64	PASS
Band17	5MHz	QPSK	23825	1RB#0	30~1000MHz	-47.81	PASS
Band17	5MHz	QPSK	23825	1RB#0	1000~26000MHz	-31.41	PASS
Band17	5MHz	16QAM	23755	1RB#0	30~1000MHz	-48.66	PASS

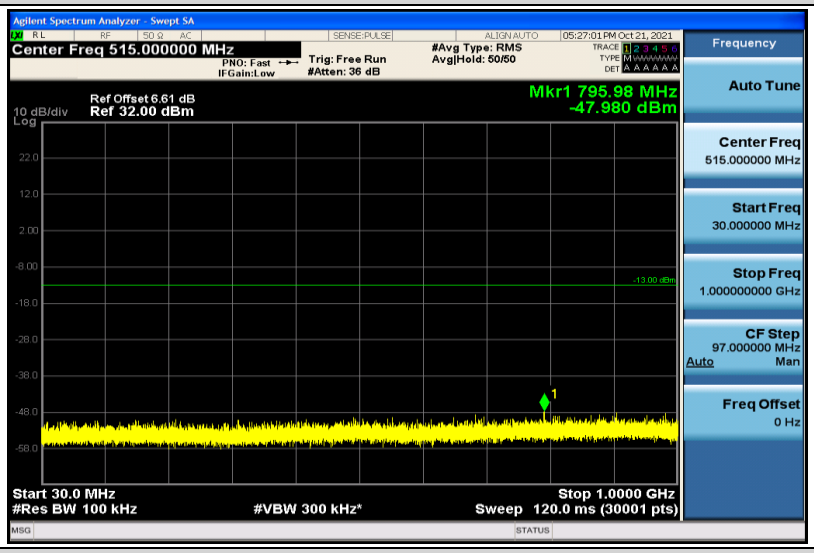
Band17	5MHz	16QAM	23755	1RB#0	1000~26000MHz	-31.41	PASS
Band17	5MHz	16QAM	23790	1RB#0	30~1000MHz	-47.65	PASS
Band17	5MHz	16QAM	23790	1RB#0	1000~26000MHz	-31.59	PASS
Band17	5MHz	16QAM	23825	1RB#0	30~1000MHz	-48.86	PASS
Band17	5MHz	16QAM	23825	1RB#0	1000~26000MHz	-31.69	PASS
Band17	10MHz	QPSK	23780	1RB#0	30~1000MHz	-47.99	PASS
Band17	10MHz	QPSK	23780	1RB#0	1000~26000MHz	-31.48	PASS
Band17	10MHz	QPSK	23790	1RB#0	30~1000MHz	-47.04	PASS
Band17	10MHz	QPSK	23790	1RB#0	1000~26000MHz	-31.67	PASS
Band17	10MHz	QPSK	23800	1RB#0	30~1000MHz	-48.25	PASS
Band17	10MHz	QPSK	23800	1RB#0	1000~26000MHz	-31.58	PASS
Band17	10MHz	16QAM	23780	1RB#0	30~1000MHz	-48.28	PASS
Band17	10MHz	16QAM	23780	1RB#0	1000~26000MHz	-31.59	PASS
Band17	10MHz	16QAM	23790	1RB#0	30~1000MHz	-48.32	PASS
Band17	10MHz	16QAM	23790	1RB#0	1000~26000MHz	-31.73	PASS
Band17	10MHz	16QAM	23800	1RB#0	30~1000MHz	-47.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	1000~26000MHz	-31.43	PASS

Test Graphs



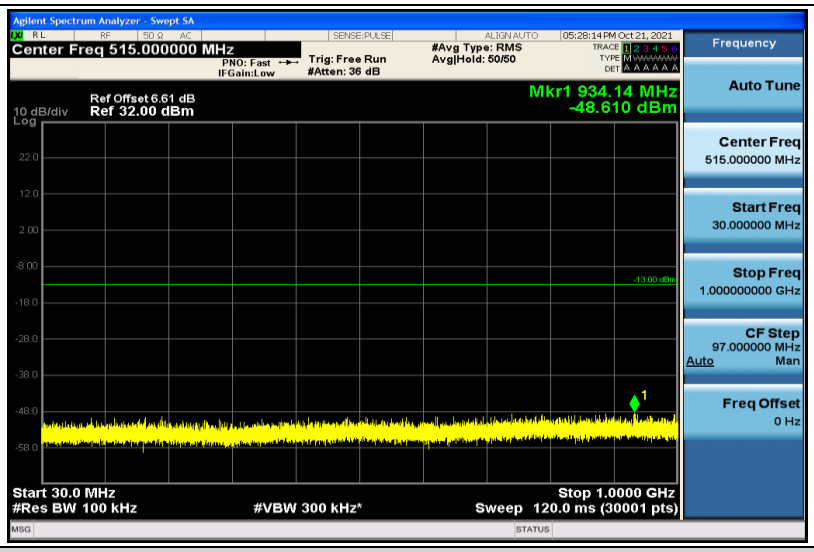
Band4-1.4MHz-QPSK-19957-1RB#0-30~1000MHz

Band4-1.4MHz-QPSK-19957-1RB#0-1000~26000MHz



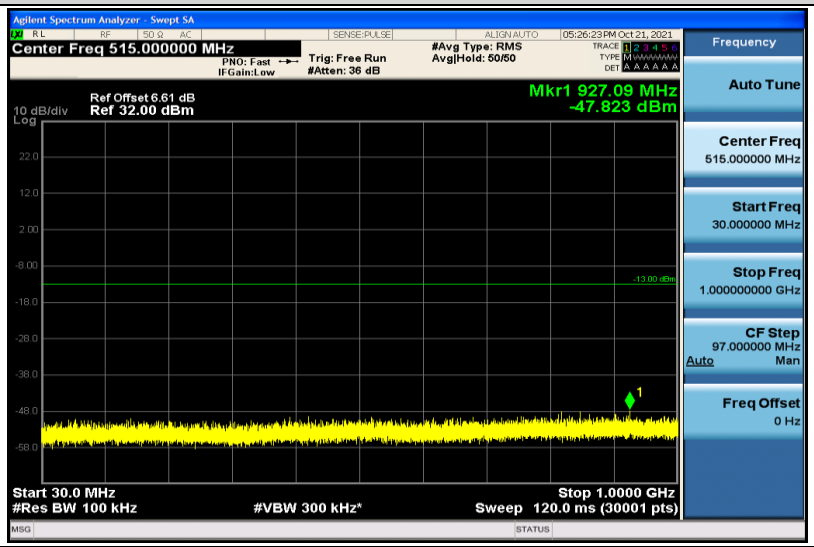
Band4-1.4MHz-QPSK-20175-1RB#0-30~1000MHz

Band4-1.4MHz-QPSK-20175-1RB#0-1000~26000MHz



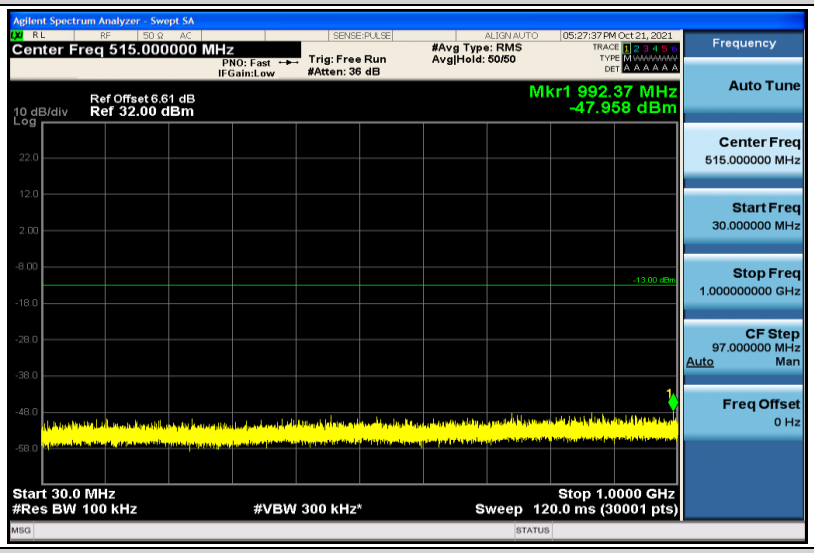
Band4-1.4MHz-QPSK-20393-1RB#0-30~1000MHz

Band4-1.4MHz-QPSK-20393-1RB#0-1000~26000MHz



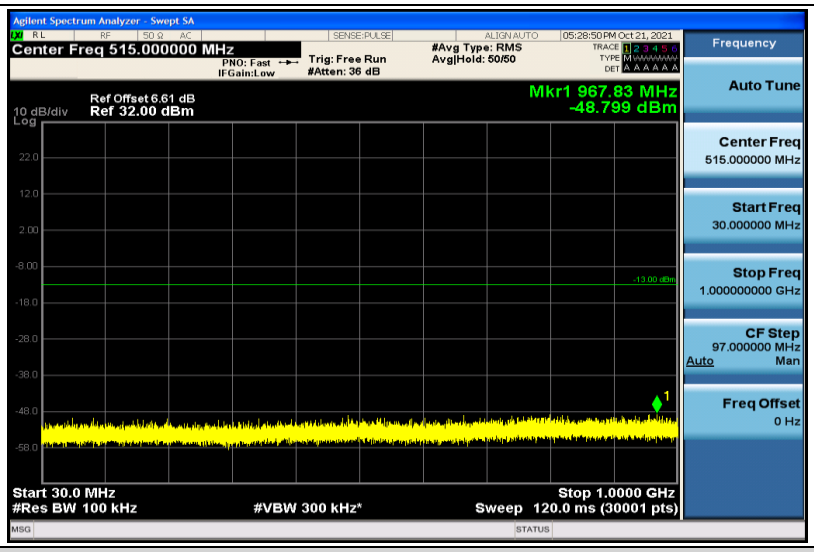
Band4-1.4MHz-16QAM-19957-1RB#0-30~1000MHz

Band4-1.4MHz-16QAM-19957-1RB#0-1000~26000MHz



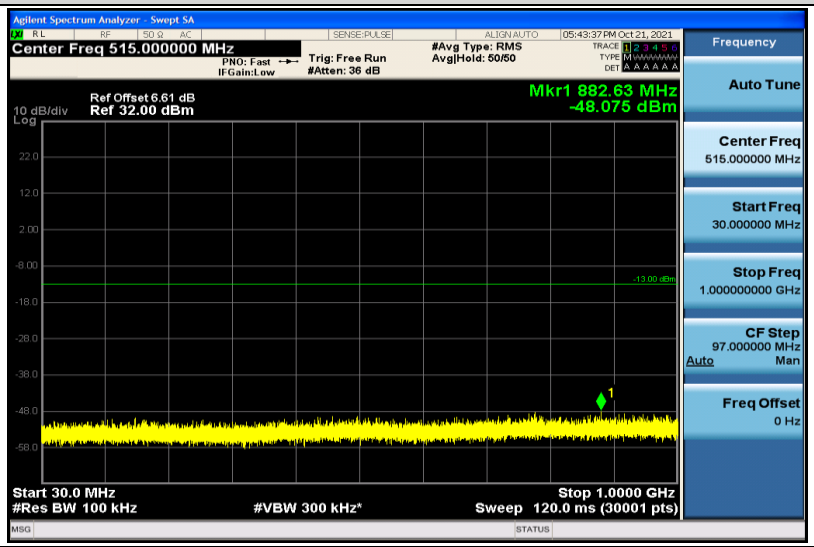
Band4-1.4MHz-16QAM-20175-1RB#0-30~1000MHz

Band4-1.4MHz-16QAM-20175-1RB#0-1000~26000MHz



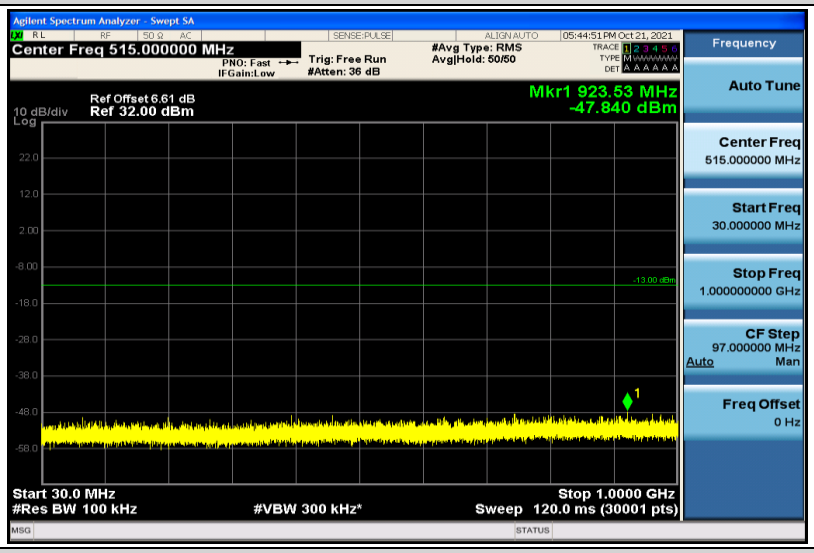
Band4-1.4MHz-16QAM-20393-1RB#0-30~1000MHz

Band4-1.4MHz-16QAM-20393-1RB#0-1000~26000MHz



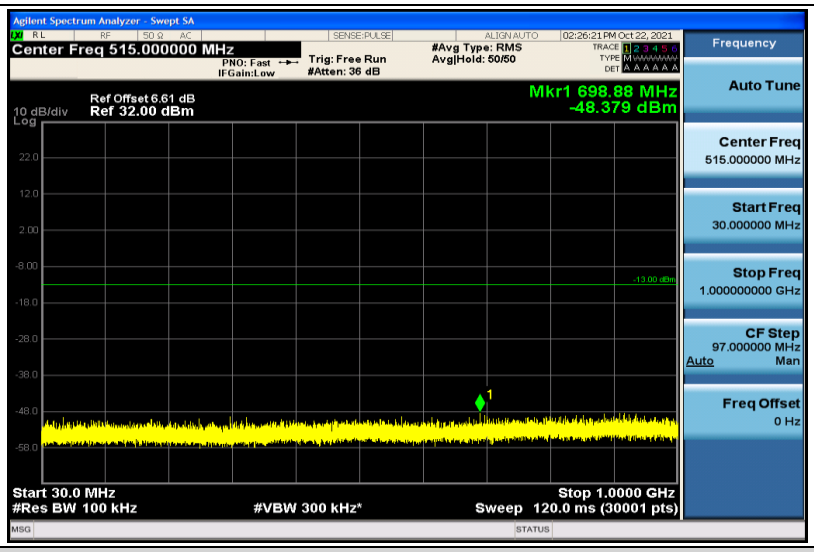
Band4-3MHz-QPSK-19965-1RB#0-30~1000MHz

Band4-3MHz-QPSK-19965-1RB#0-1000~26000MHz



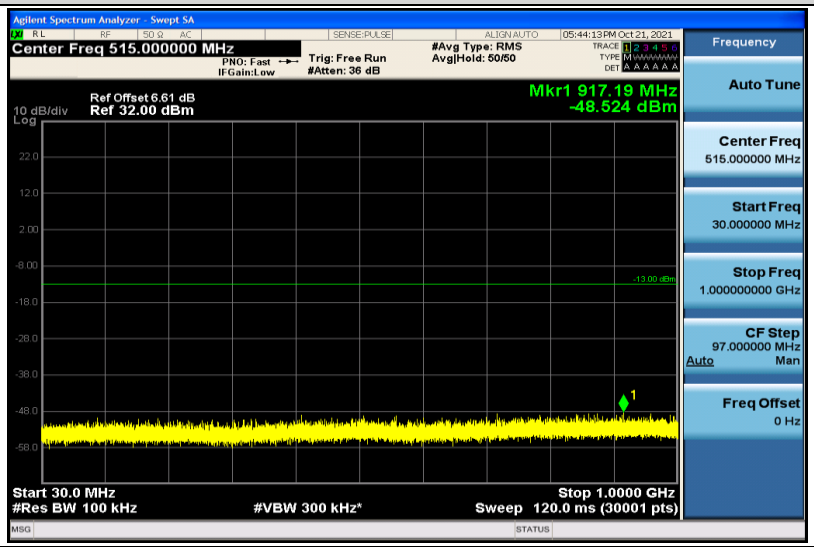
Band4-3MHz-QPSK-20175-1RB#0-30~1000MHz

Band4-3MHz-QPSK-20175-1RB#0-1000~26000MHz



Band4-3MHz-QPSK-20385-1RB#0-30~1000MHz

Band4-3MHz-QPSK-20385-1RB#0-1000~26000MHz



Band4-3MHz-16QAM-19965-1RB#0-30~1000MHz