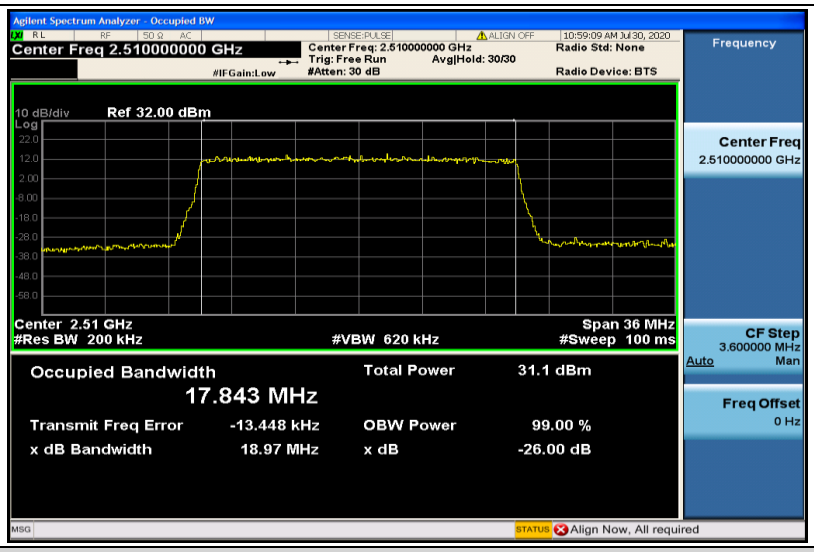
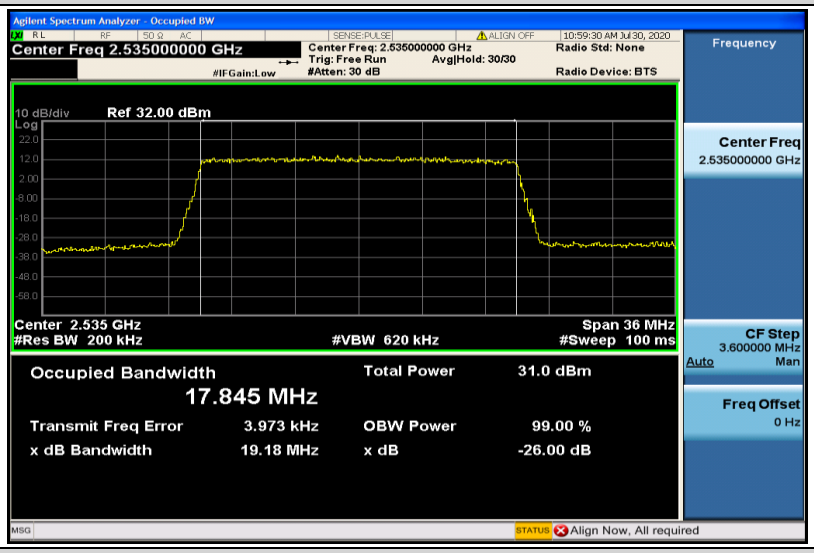
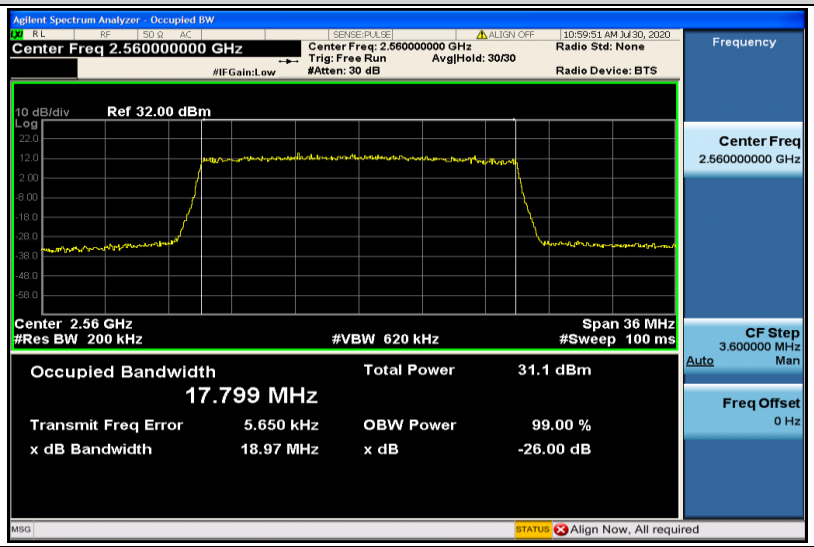


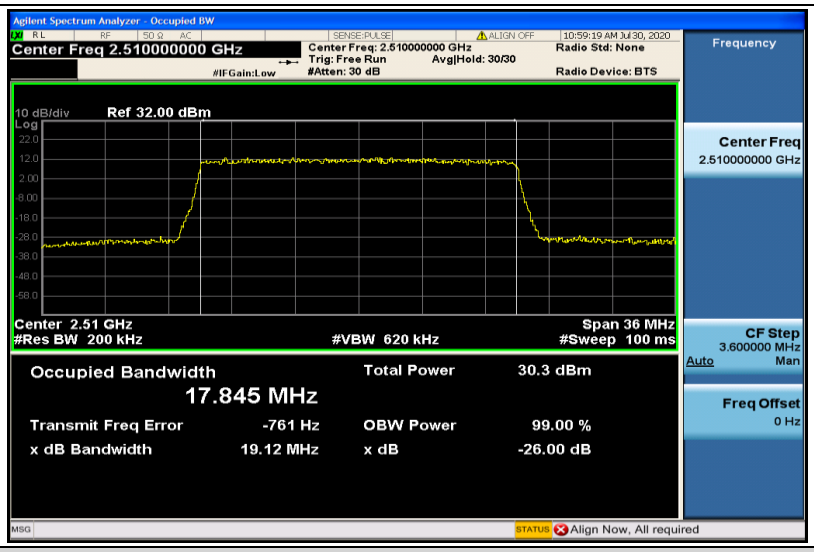
Band7-20MHz-QPSK-20850-100RB#0-17.843



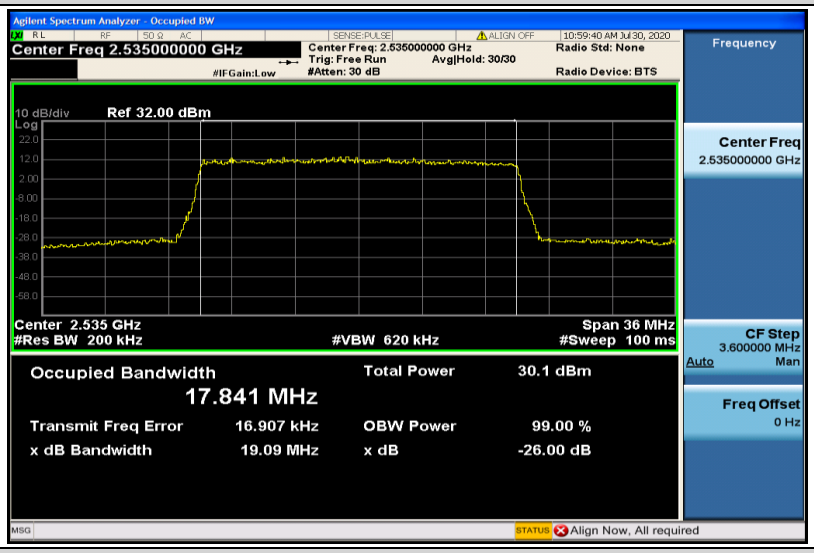
Band7-20MHz-QPSK-21100-100RB#0-17.845



Band7-20MHz-QPSK-21350-100RB#0-17.799



Band7-20MHz-16QAM-20850-100RB#0-17.845



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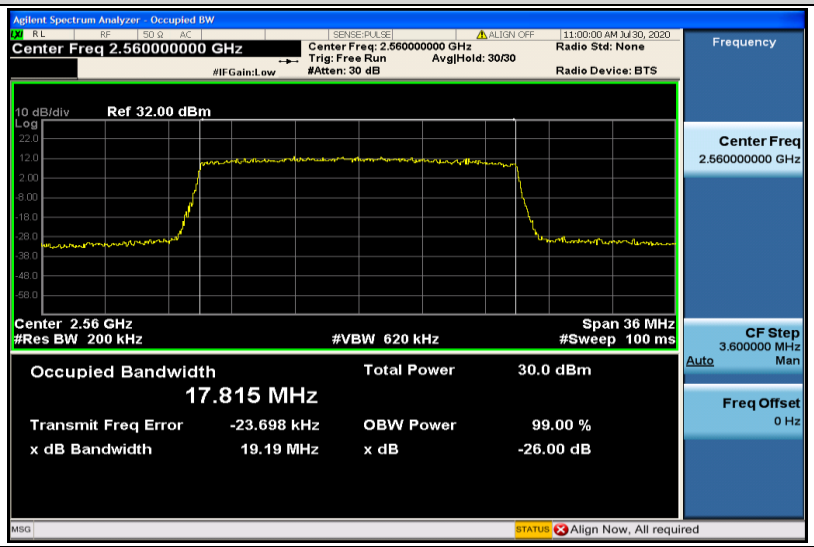


Band7-20MHz-16QAM-21350-100RB#0-17.815

8.4 Appendix D: Band Edge

Test Result

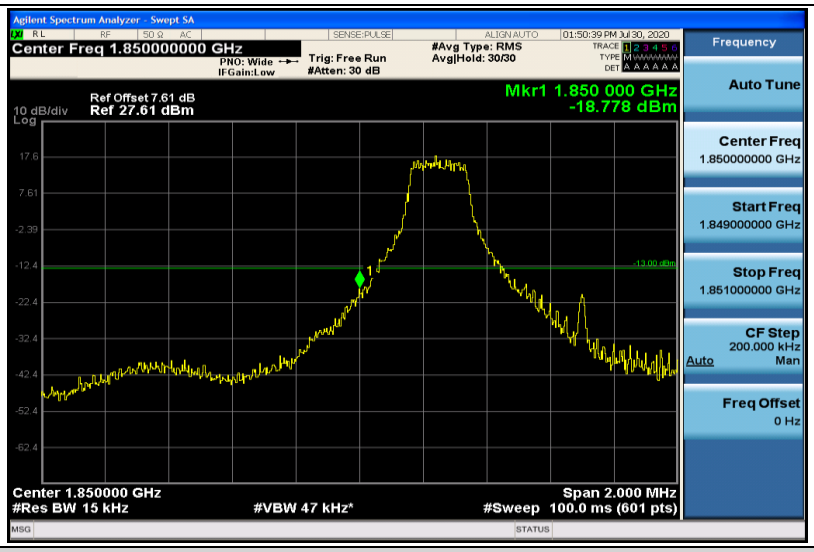
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	-18.78	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	-26.08	PASS
Band2	1.4MHz	QPSK	19193	1RB#5	-20.86	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	-26.72	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	-21.05	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	-25.59	PASS
Band2	1.4MHz	16QAM	19193	1RB#5	-21.83	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	-26.51	PASS
Band2	3MHz	QPSK	18615	1RB#0	-18.24	PASS
Band2	3MHz	QPSK	18615	15RB#0	-23.42	PASS
Band2	3MHz	QPSK	19185	1RB#14	-17.96	PASS
Band2	3MHz	QPSK	19185	15RB#0	-25.42	PASS
Band2	3MHz	16QAM	18615	1RB#0	-16.62	PASS
Band2	3MHz	16QAM	18615	15RB#0	-25.98	PASS
Band2	3MHz	16QAM	19185	1RB#14	-17.98	PASS
Band2	3MHz	16QAM	19185	15RB#0	-25.88	PASS
Band2	5MHz	QPSK	18625	1RB#0	-16.62	PASS
Band2	5MHz	QPSK	18625	25RB#0	-24.99	PASS
Band2	5MHz	QPSK	19175	1RB#24	-19.41	PASS
Band2	5MHz	QPSK	19175	25RB#0	-26.50	PASS
Band2	5MHz	16QAM	18625	1RB#0	-19.54	PASS
Band2	5MHz	16QAM	18625	25RB#0	-25.94	PASS
Band2	5MHz	16QAM	19175	1RB#24	-19.92	PASS
Band2	5MHz	16QAM	19175	25RB#0	-26.62	PASS
Band2	10MHz	QPSK	18650	1RB#0	-27.47	PASS
Band2	10MHz	QPSK	18650	50RB#0	-30.20	PASS
Band2	10MHz	QPSK	19150	1RB#49	-30.03	PASS
Band2	10MHz	QPSK	19150	50RB#0	-29.76	PASS
Band2	10MHz	16QAM	18650	1RB#0	-24.96	PASS
Band2	10MHz	16QAM	18650	50RB#0	-30.98	PASS
Band2	10MHz	16QAM	19150	1RB#49	-30.20	PASS
Band2	10MHz	16QAM	19150	50RB#0	-31.56	PASS
Band2	15MHz	QPSK	18675	1RB#0	-26.52	PASS
Band2	15MHz	QPSK	18675	75RB#0	-31.89	PASS
Band2	15MHz	QPSK	19125	1RB#74	-26.31	PASS
Band2	15MHz	QPSK	19125	75RB#0	-33.15	PASS
Band2	15MHz	16QAM	18675	1RB#0	-25.45	PASS
Band2	15MHz	16QAM	18675	75RB#0	-33.27	PASS

Band2	15MHz	16QAM	19125	1RB#74	-26.88	PASS
Band2	15MHz	16QAM	19125	75RB#0	-33.95	PASS
Band2	20MHz	QPSK	18700	1RB#0	-29.64	PASS
Band2	20MHz	QPSK	18700	100RB#0	-32.80	PASS
Band2	20MHz	QPSK	19100	1RB#99	-30.31	PASS
Band2	20MHz	QPSK	19100	100RB#0	-35.43	PASS
Band2	20MHz	16QAM	18700	1RB#0	-29.36	PASS
Band2	20MHz	16QAM	18700	100RB#0	-33.94	PASS
Band2	20MHz	16QAM	19100	1RB#99	-28.84	PASS
Band2	20MHz	16QAM	19100	100RB#0	-35.64	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	-19.63	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-24.19	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-18.63	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-25.42	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-22.27	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-25.28	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-19.47	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-26.17	PASS
Band4	3MHz	QPSK	19965	1RB#0	-16.21	PASS
Band4	3MHz	QPSK	19965	15RB#0	-24.28	PASS
Band4	3MHz	QPSK	20385	1RB#14	-17.14	PASS
Band4	3MHz	QPSK	20385	15RB#0	-24.92	PASS
Band4	3MHz	16QAM	19965	1RB#0	-17.66	PASS
Band4	3MHz	16QAM	19965	15RB#0	-24.92	PASS
Band4	3MHz	16QAM	20385	1RB#14	-17.07	PASS
Band4	3MHz	16QAM	20385	15RB#0	-26.20	PASS
Band4	5MHz	QPSK	19975	1RB#0	-16.48	PASS
Band4	5MHz	QPSK	19975	25RB#0	-24.92	PASS
Band4	5MHz	QPSK	20375	1RB#24	-18.87	PASS
Band4	5MHz	QPSK	20375	25RB#0	-26.72	PASS
Band4	5MHz	16QAM	19975	1RB#0	-20.04	PASS
Band4	5MHz	16QAM	19975	25RB#0	-25.98	PASS
Band4	5MHz	16QAM	20375	1RB#24	-18.62	PASS
Band4	5MHz	16QAM	20375	25RB#0	-26.13	PASS
Band4	10MHz	QPSK	20000	1RB#0	-28.07	PASS
Band4	10MHz	QPSK	20000	50RB#0	-29.85	PASS
Band4	10MHz	QPSK	20350	1RB#49	-27.75	PASS
Band4	10MHz	QPSK	20350	50RB#0	-30.24	PASS
Band4	10MHz	16QAM	20000	1RB#0	-25.44	PASS
Band4	10MHz	16QAM	20000	50RB#0	-31.18	PASS
Band4	10MHz	16QAM	20350	1RB#49	-27.59	PASS
Band4	10MHz	16QAM	20350	50RB#0	-31.23	PASS
Band4	15MHz	QPSK	20025	1RB#0	-25.98	PASS
Band4	15MHz	QPSK	20025	75RB#0	-31.31	PASS
Band4	15MHz	QPSK	20325	1RB#74	-26.16	PASS

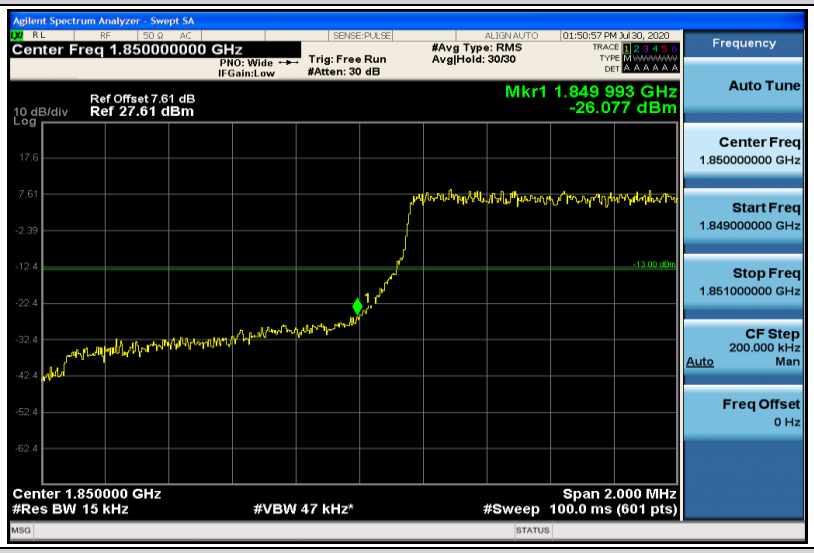
Band4	15MHz	QPSK	20325	75RB#0	-33.59	PASS
Band4	15MHz	16QAM	20025	1RB#0	-25.48	PASS
Band4	15MHz	16QAM	20025	75RB#0	-32.79	PASS
Band4	15MHz	16QAM	20325	1RB#74	-25.95	PASS
Band4	15MHz	16QAM	20325	75RB#0	-33.90	PASS
Band4	20MHz	QPSK	20050	1RB#0	-28.62	PASS
Band4	20MHz	QPSK	20050	100RB#0	-32.05	PASS
Band4	20MHz	QPSK	20300	1RB#99	-29.68	PASS
Band4	20MHz	QPSK	20300	100RB#0	-34.78	PASS
Band4	20MHz	16QAM	20050	1RB#0	-28.74	PASS
Band4	20MHz	16QAM	20050	100RB#0	-32.79	PASS
Band4	20MHz	16QAM	20300	1RB#99	-27.75	PASS
Band4	20MHz	16QAM	20300	100RB#0	-35.77	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	-17.53	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-26.03	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-18.02	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-26.25	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-21.74	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-26.89	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-18.17	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-26.71	PASS
Band5	3MHz	QPSK	20415	1RB#0	-16.83	PASS
Band5	3MHz	QPSK	20415	15RB#0	-23.35	PASS
Band5	3MHz	QPSK	20635	1RB#14	-17.43	PASS
Band5	3MHz	QPSK	20635	15RB#0	-24.32	PASS
Band5	3MHz	16QAM	20415	1RB#0	-17.75	PASS
Band5	3MHz	16QAM	20415	15RB#0	-25.64	PASS
Band5	3MHz	16QAM	20635	1RB#14	-18.79	PASS
Band5	3MHz	16QAM	20635	15RB#0	-26.76	PASS
Band5	5MHz	QPSK	20425	1RB#0	-16.48	PASS
Band5	5MHz	QPSK	20425	25RB#0	-25.97	PASS
Band5	5MHz	QPSK	20625	1RB#24	-16.54	PASS
Band5	5MHz	QPSK	20625	25RB#0	-25.82	PASS
Band5	5MHz	16QAM	20425	1RB#0	-19.93	PASS
Band5	5MHz	16QAM	20425	25RB#0	-26.82	PASS
Band5	5MHz	16QAM	20625	1RB#24	-20.16	PASS
Band5	5MHz	16QAM	20625	25RB#0	-27.39	PASS
Band5	10MHz	QPSK	20450	1RB#0	-29.22	PASS
Band5	10MHz	QPSK	20450	50RB#0	-29.00	PASS
Band5	10MHz	QPSK	20600	1RB#49	-29.53	PASS
Band5	10MHz	QPSK	20600	50RB#0	-30.13	PASS
Band5	10MHz	16QAM	20450	1RB#0	-29.75	PASS
Band5	10MHz	16QAM	20450	50RB#0	-28.71	PASS
Band5	10MHz	16QAM	20600	1RB#49	-24.46	PASS
Band5	10MHz	16QAM	20600	50RB#0	-30.49	PASS

Band7	5MHz	QPSK	20775	1RB#0	-60.85,-37.77,-38.06,-15.72	PASS
Band7	5MHz	QPSK	20775	25RB#0	-48.35,-39.42,-36.94,-24.48	PASS
Band7	5MHz	QPSK	21425	1RB#24	-50.69,-57.23,-41.38,-17.31	PASS
Band7	5MHz	QPSK	21425	25RB#0	-45.44,-44.85,-37.39,-26.21	PASS
Band7	5MHz	16QAM	20775	1RB#0	-60.84,-40.73,-42.10,-16.31	PASS
Band7	5MHz	16QAM	20775	25RB#0	-49.33,-40.16,-35.22,-24.94	PASS
Band7	5MHz	16QAM	21425	1RB#24	-52.81,-56.96,-40.96,-19.45	PASS
Band7	5MHz	16QAM	21425	25RB#0	-45.90,-44.18,-36.69,-26.19	PASS
Band7	10MHz	QPSK	20800	1RB#0	-53.39,-37.42,-46.28,-26.88	PASS
Band7	10MHz	QPSK	20800	50RB#0	-45.08,-39.18,-37.20,-30.23	PASS
Band7	10MHz	QPSK	21400	1RB#49	-57.96,-37.83,-42.70,-30.13	PASS
Band7	10MHz	QPSK	21400	50RB#0	-45.59,-39.56,-37.98,-32.90	PASS
Band7	10MHz	16QAM	20800	1RB#0	-53.66,-37.18,-45.37,-24.46	PASS
Band7	10MHz	16QAM	20800	50RB#0	-44.67,-38.07,-35.08,-30.59	PASS
Band7	10MHz	16QAM	21400	1RB#49	-58.11,-39.20,-44.17,-29.64	PASS
Band7	10MHz	16QAM	21400	50RB#0	-45.67,-39.18,-35.79,-30.70	PASS
Band7	15MHz	QPSK	20825	1RB#0	-36.90,-49.81,-44.31,-24.84	PASS
Band7	15MHz	QPSK	20825	75RB#0	-40.92,-37.41,-33.28,-32.03	PASS
Band7	15MHz	QPSK	21375	1RB#74	-57.82,-39.01,-45.64,-26.61	PASS
Band7	15MHz	QPSK	21375	75RB#0	-45.99,-37.37,-35.03,-34.11	PASS
Band7	15MHz	16QAM	20825	1RB#0	-38.61,-48.53,-45.08,-25.52	PASS
Band7	15MHz	16QAM	20825	75RB#0	-40.78,-36.92,-32.18,-33.58	PASS
Band7	15MHz	16QAM	21375	1RB#74	-57.80,-39.38,-46.49,-27.65	PASS
Band7	15MHz	16QAM	21375	75RB#0	-46.51,-37.65,-33.68,-34.26	PASS
Band7	20MHz	QPSK	20850	1RB#0	-37.33,-48.89,-44.30,-25.83	PASS
Band7	20MHz	QPSK	20850	100RB#0	-41.25,-38.10,-35.92,-33.74	PASS
Band7	20MHz	QPSK	21350	1RB#99	-56.78,-39.74,-44.29,-29.42	PASS
Band7	20MHz	QPSK	21350	100RB#0	-53.06,-39.07,-37.36,-34.56	PASS
Band7	20MHz	16QAM	20850	1RB#0	-37.58,-46.94,-43.80,-27.69	PASS
Band7	20MHz	16QAM	20850	100RB#0	-40.38,-36.32,-35.44,-33.08	PASS
Band7	20MHz	16QAM	21350	1RB#99	-56.97,-39.61,-44.82,-30.22	PASS
Band7	20MHz	16QAM	21350	100RB#0	-52.78,-38.00,-36.53,-33.82	PASS

Test Graphs



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



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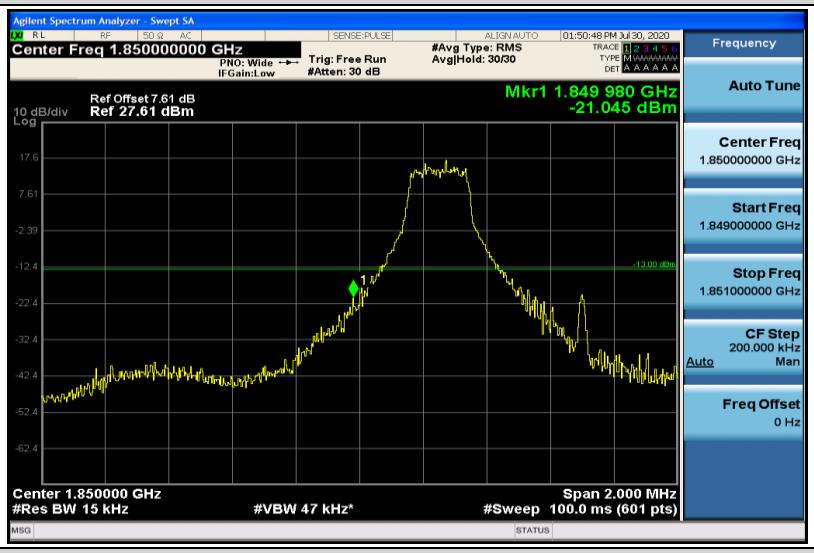
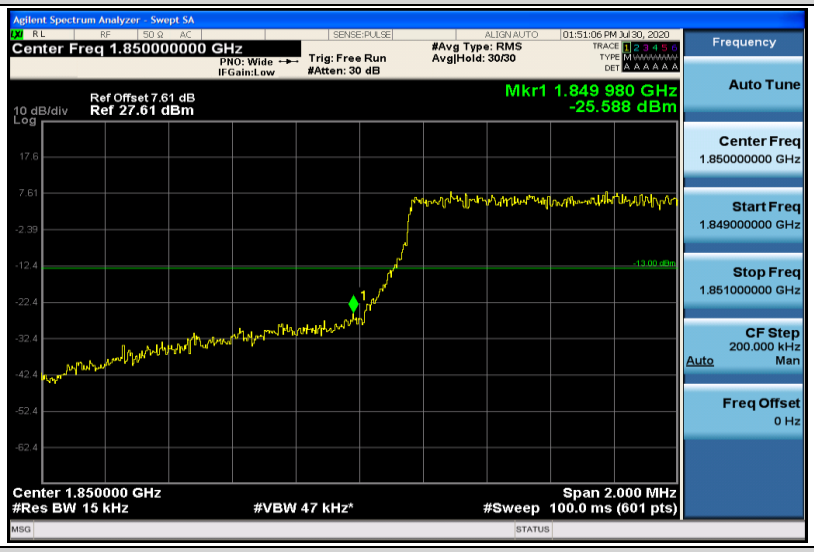
Band2-1.4MHz-QPSK-19193-1RB#5

Band2-1.4MHz-QPSK-19193-6RB#0



Band2-1.4MHz-16QAM-18607-1RB#0



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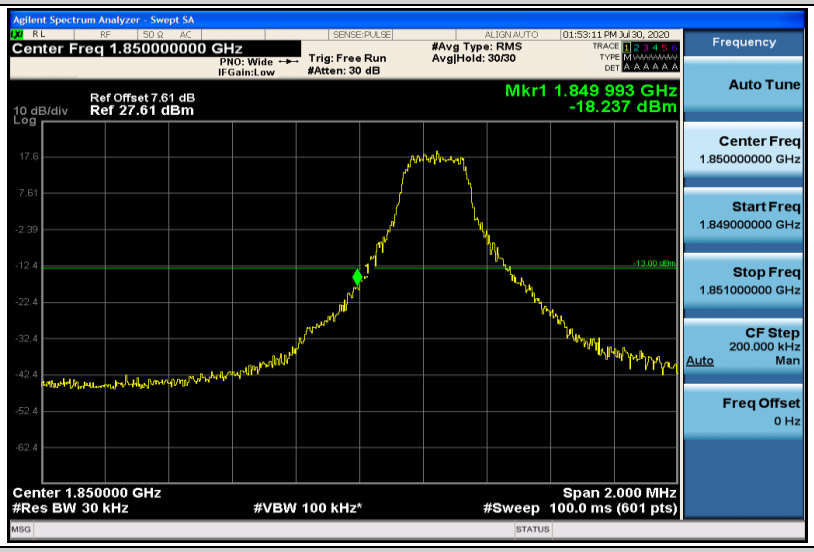

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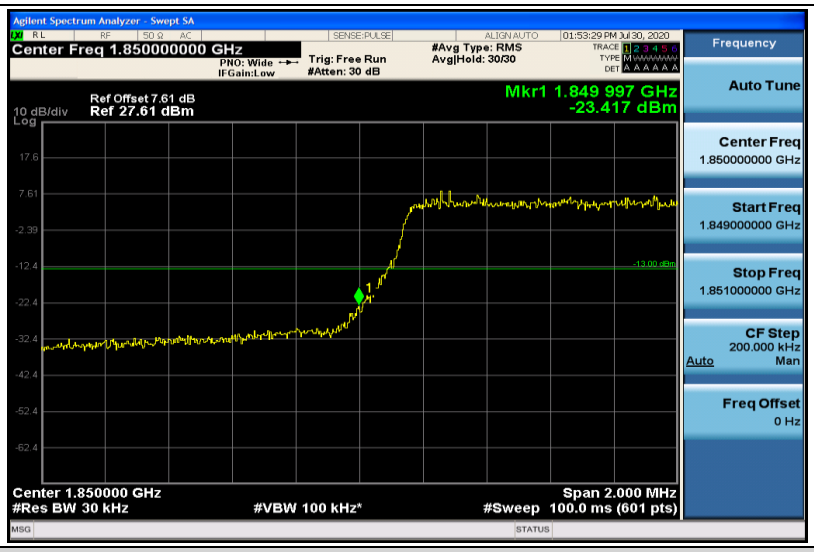

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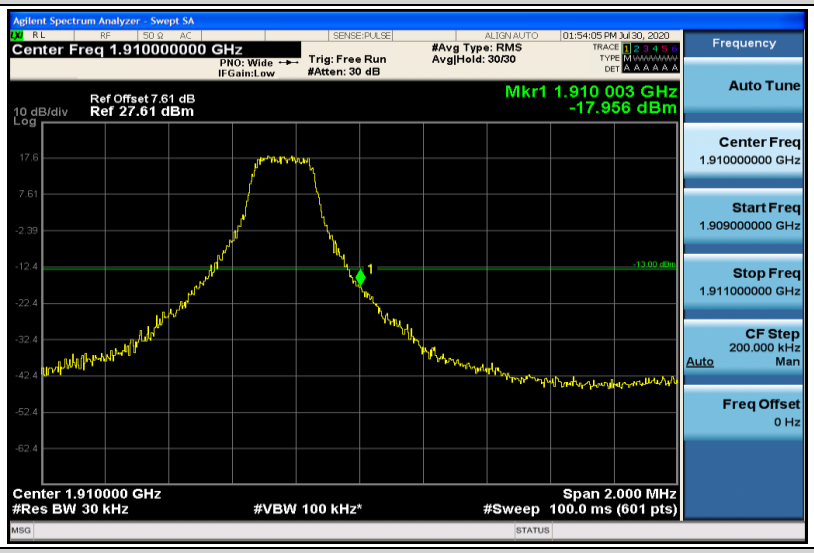
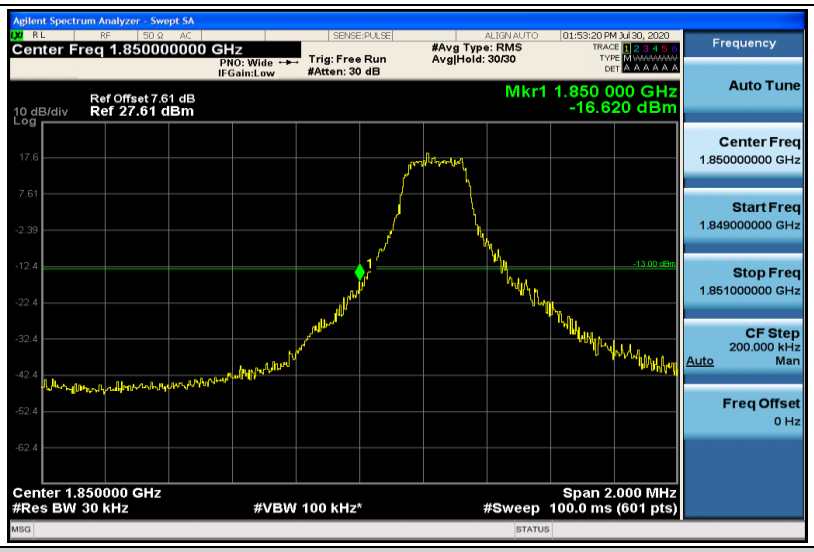
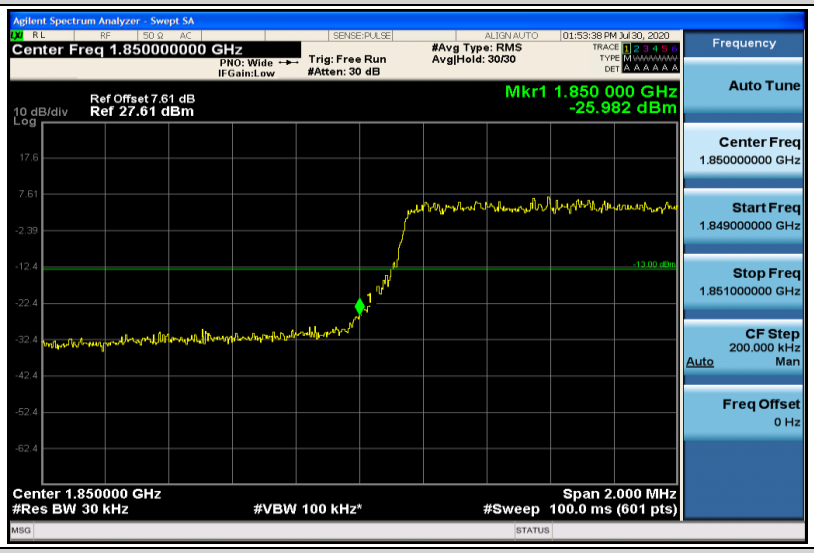


Band2-3MHz-QPSK-19185-1RB#14

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



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



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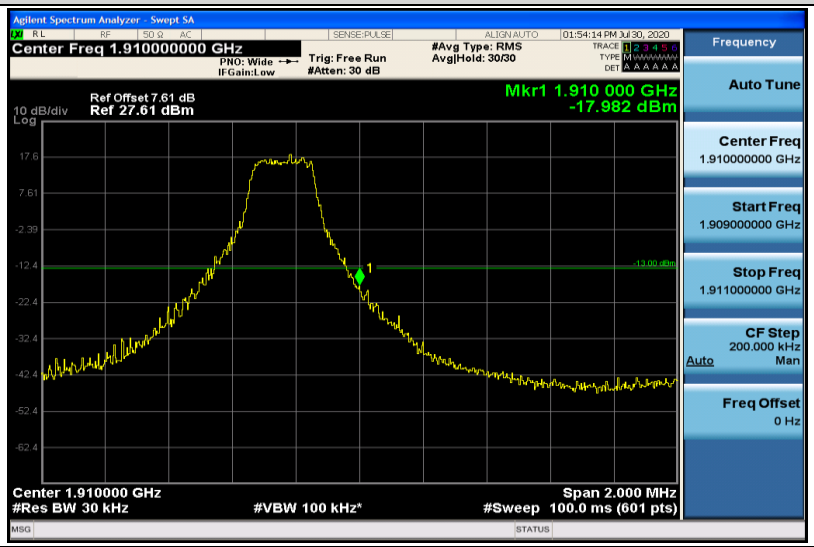

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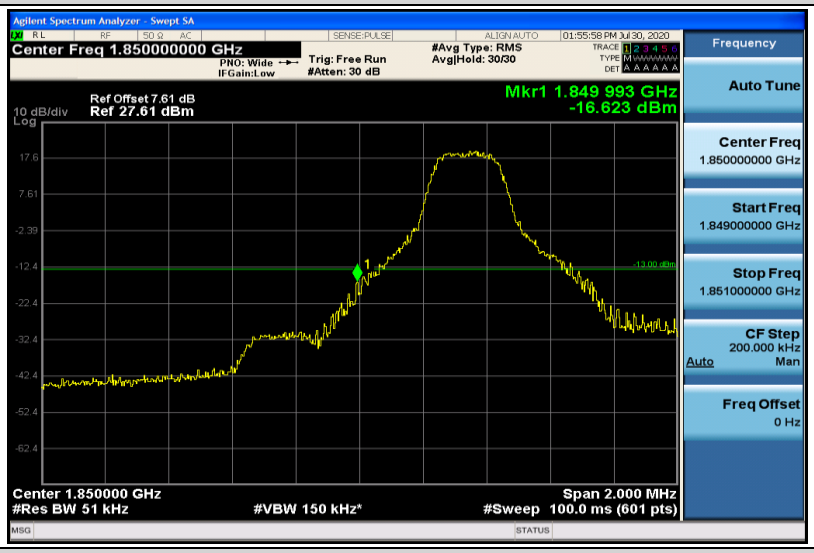
Band2-3MHz-16QAM-19185-15RB#0



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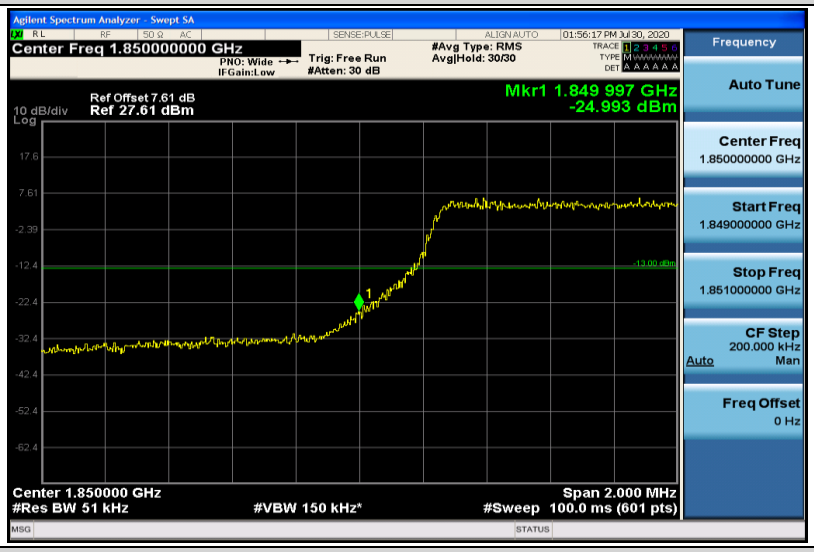
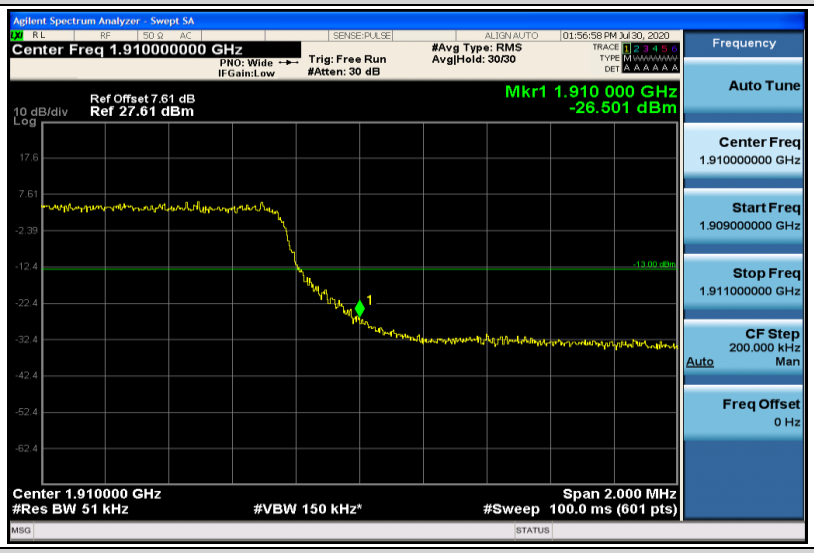


Band2-5MHz-QPSK-18625-25RB#0

Band2-5MHz-QPSK-19175-1RB#24



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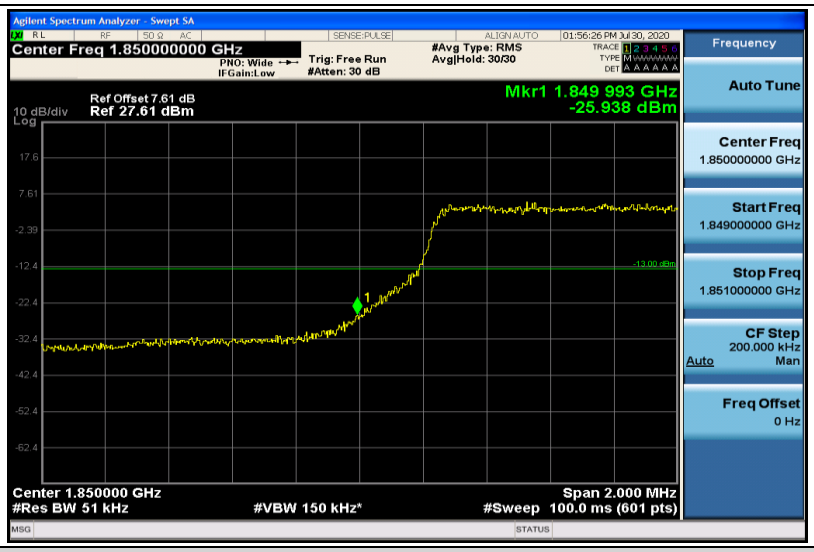
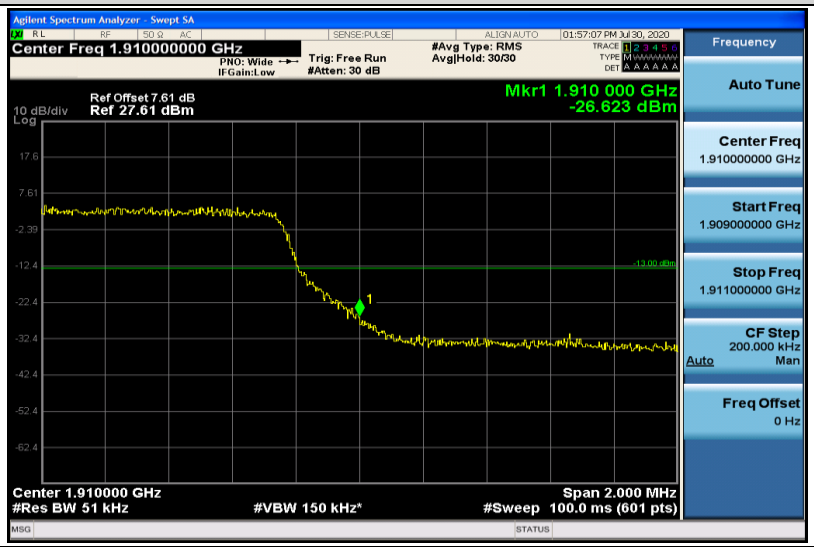
Band2-5MHz-16QAM-18625-1RB#0

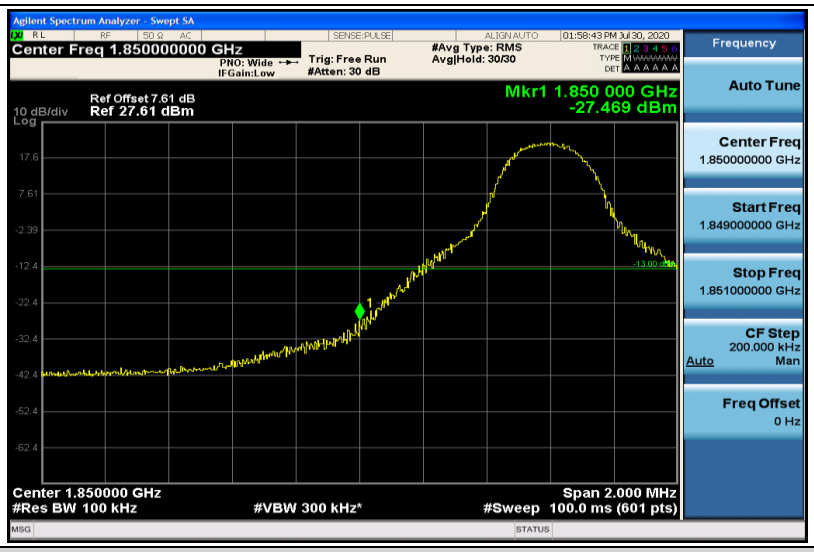


Band2-5MHz-16QAM-18625-25RB#0

Band2-5MHz-16QAM-19175-1RB#24



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

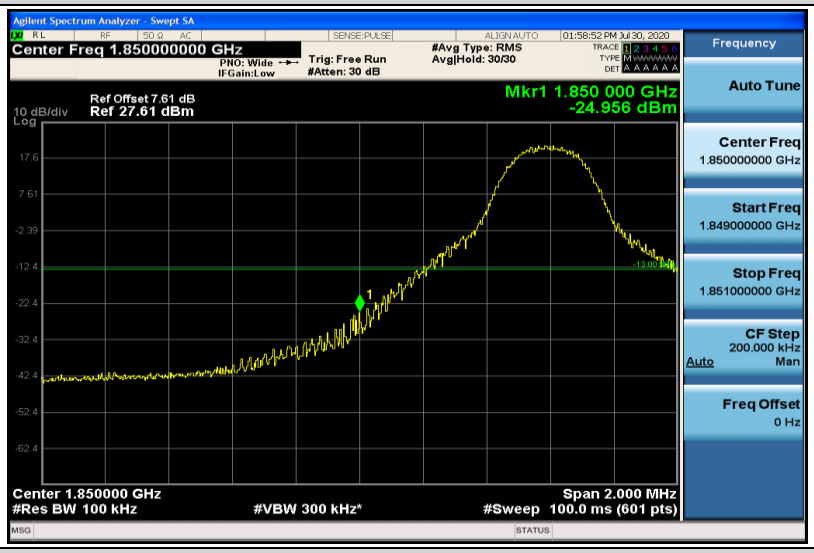


Band2-10MHz-QPSK-18650-1RB#0

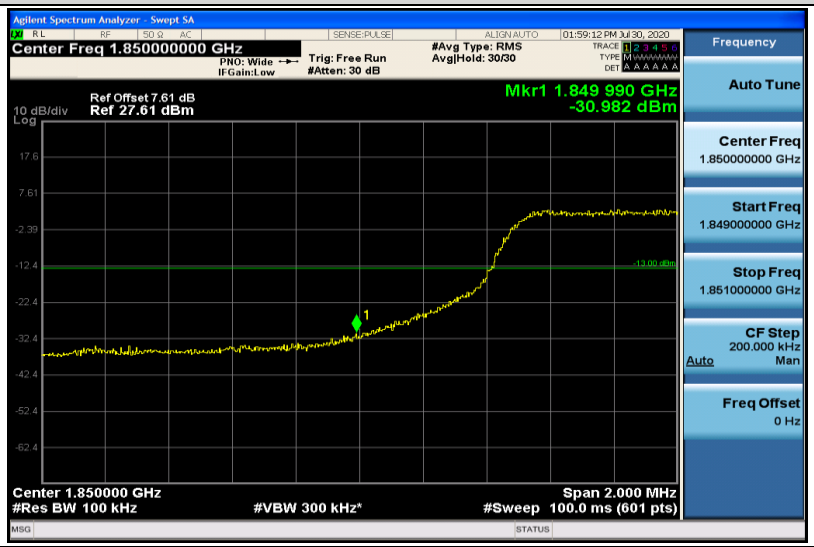
Band2-10MHz-QPSK-18650-50RB#0

Band2-10MHz-QPSK-19150-1RB#49

Band2-10MHz-QPSK-19150-50RB#0



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

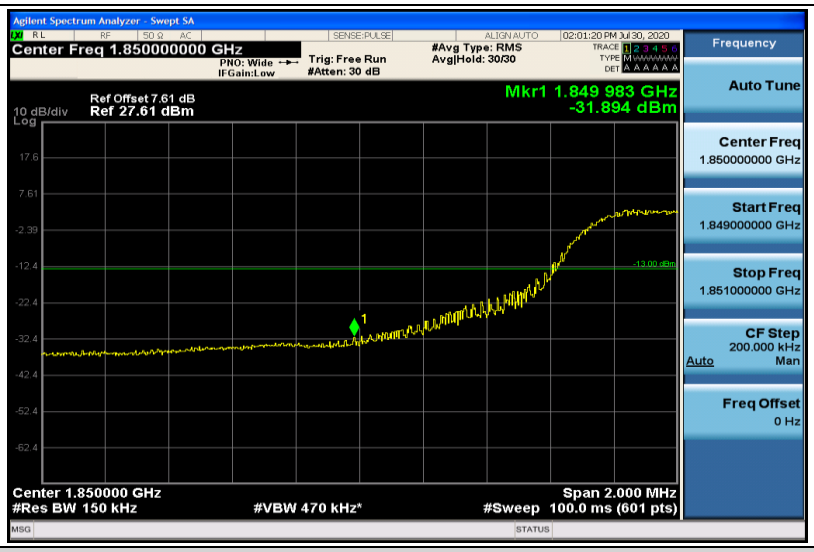


Band2-10MHz-16QAM-18650-50RB#0

Band2-10MHz-16QAM-19150-1RB#49

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

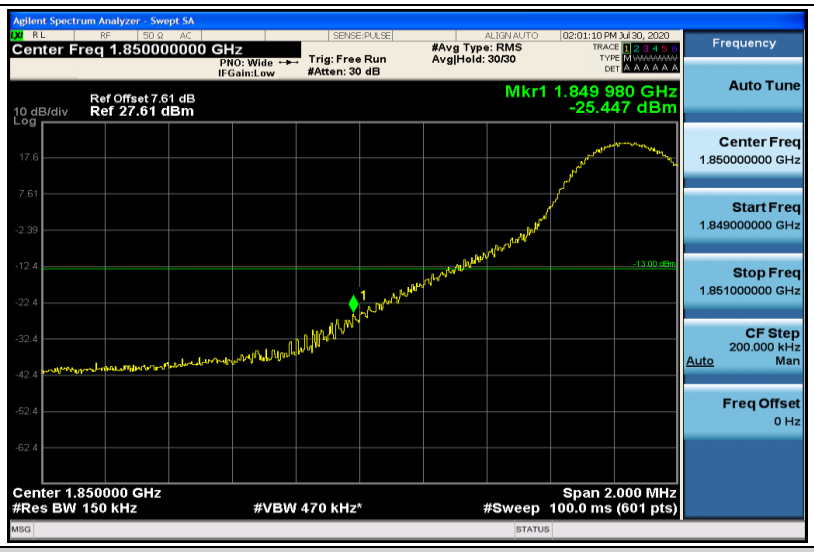
Band2-15MHz-QPSK-18675-1RB#0



Band2-15MHz-QPSK-18675-75RB#0

Band2-15MHz-QPSK-19125-1RB#74

Band2-15MHz-QPSK-19125-75RB#0



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

Band2-15MHz-16QAM-18675-75RB#0

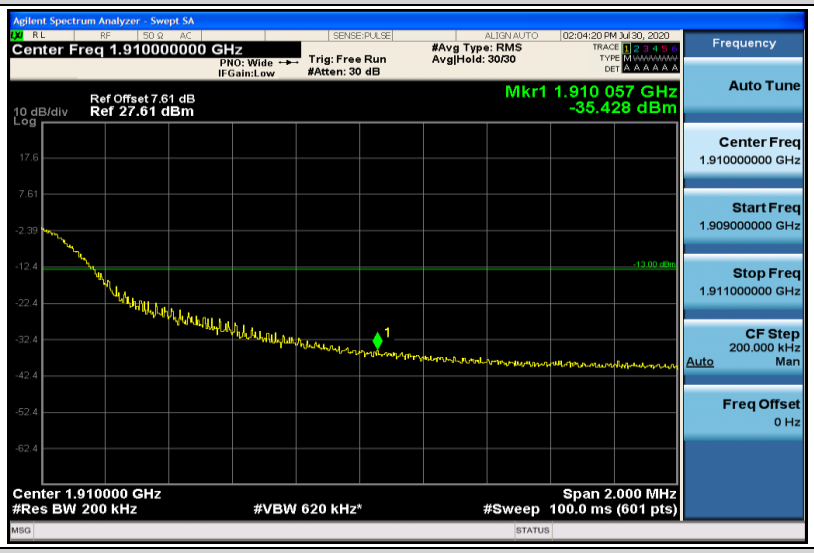
Band2-15MHz-16QAM-19125-1RB#74

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

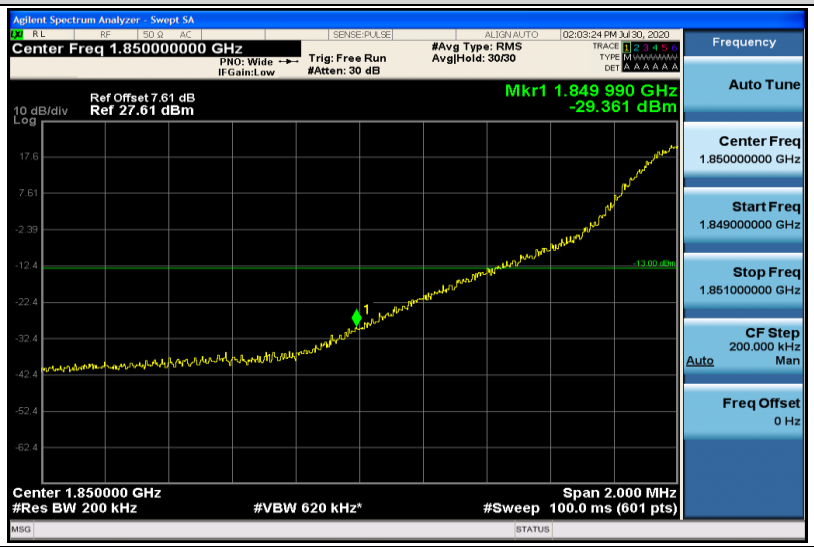
Band2-20MHz-QPSK-18700-1RB#0

Band2-20MHz-QPSK-18700-100RB#0

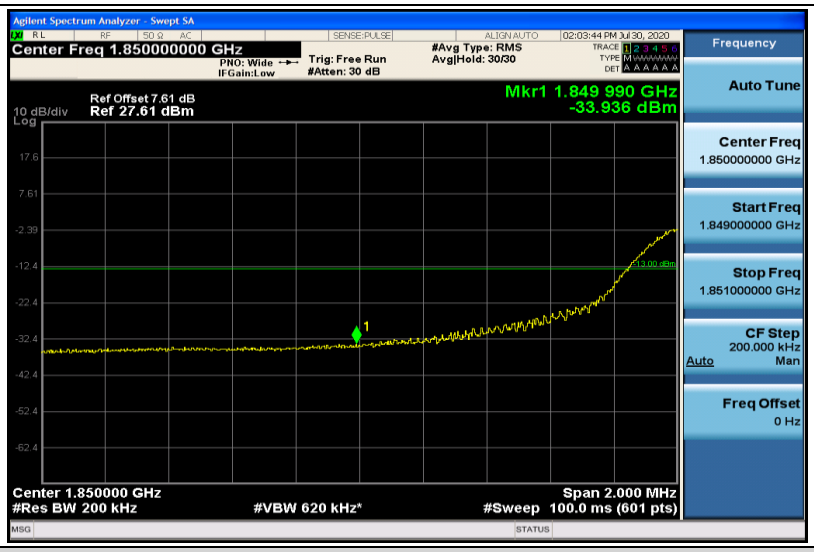
Band2-20MHz-QPSK-19100-1RB#99



Band2-20MHz-QPSK-19100-100RB#0



Band2-20MHz-16QAM-18700-1RB#0



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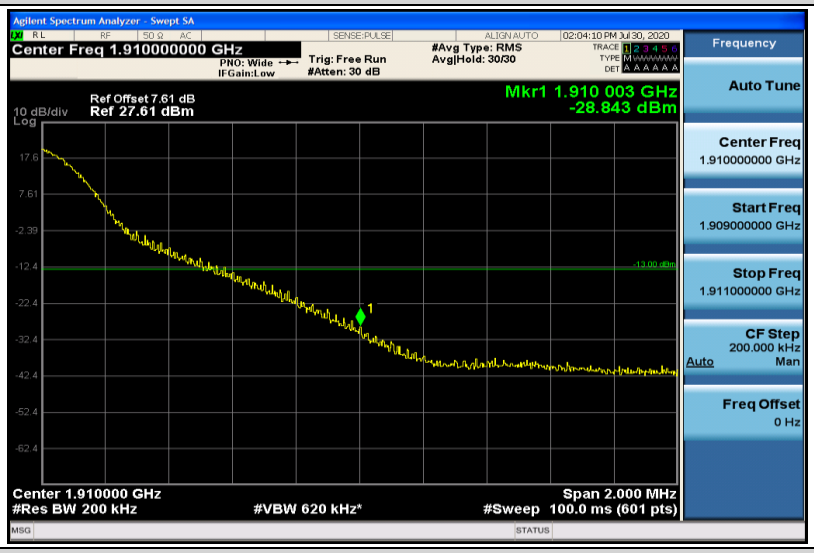
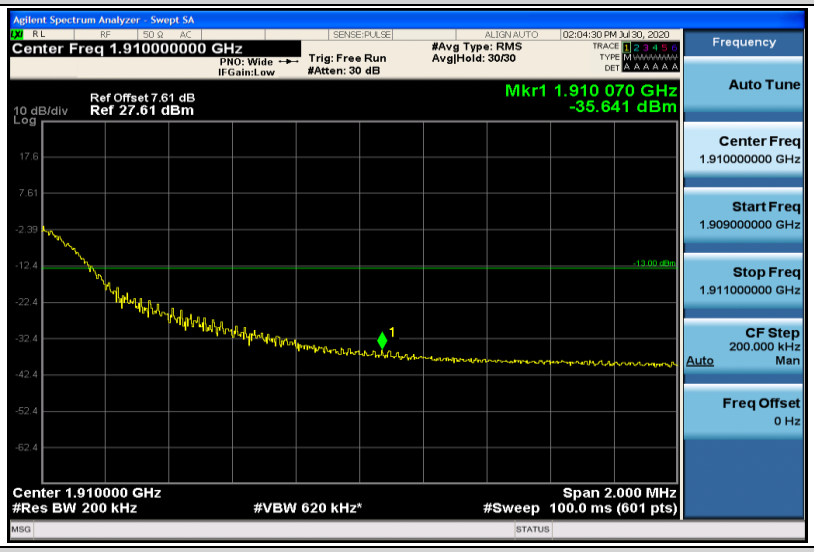


Band2-20MHz-16QAM-19100-1RB#99



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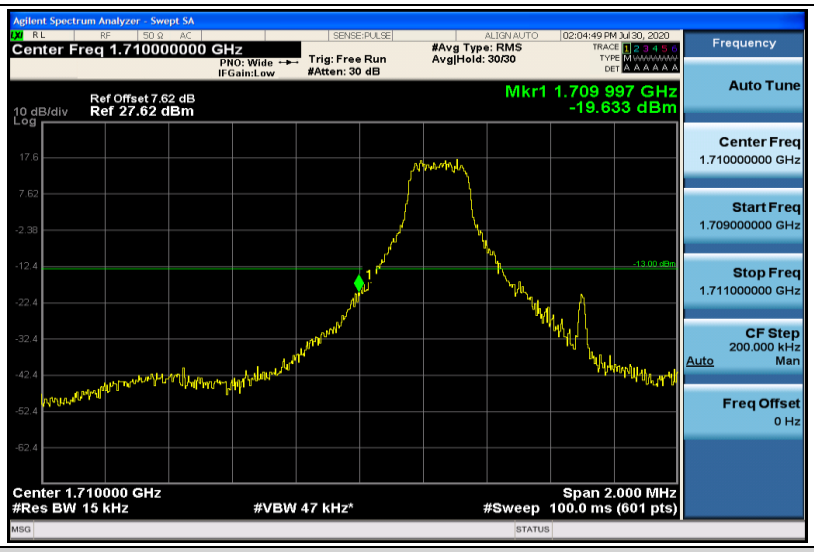
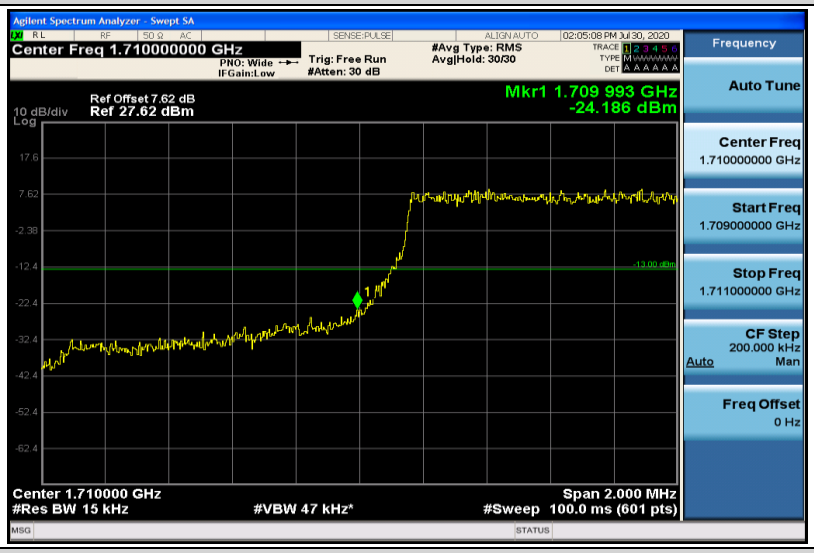


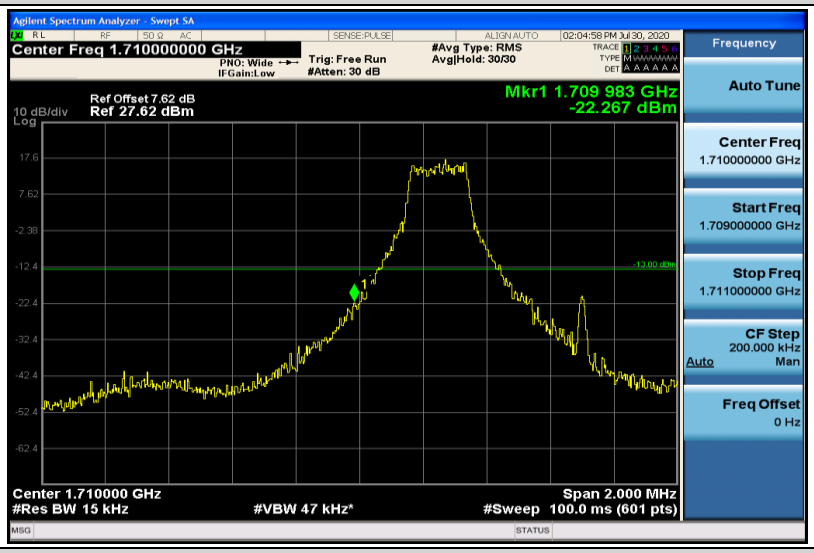
Band4-1.4MHz-QPSK-19957-1RB#0



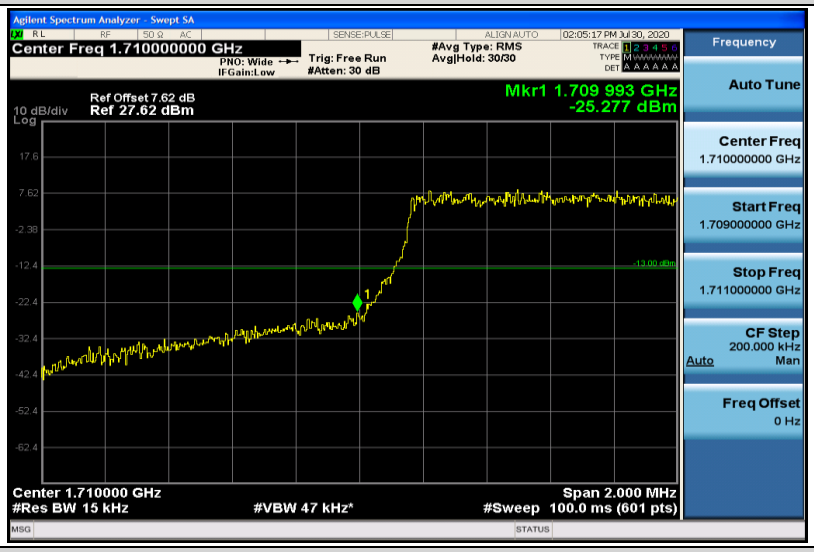
Band4-1.4MHz-QPSK-19957-6RB#0

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

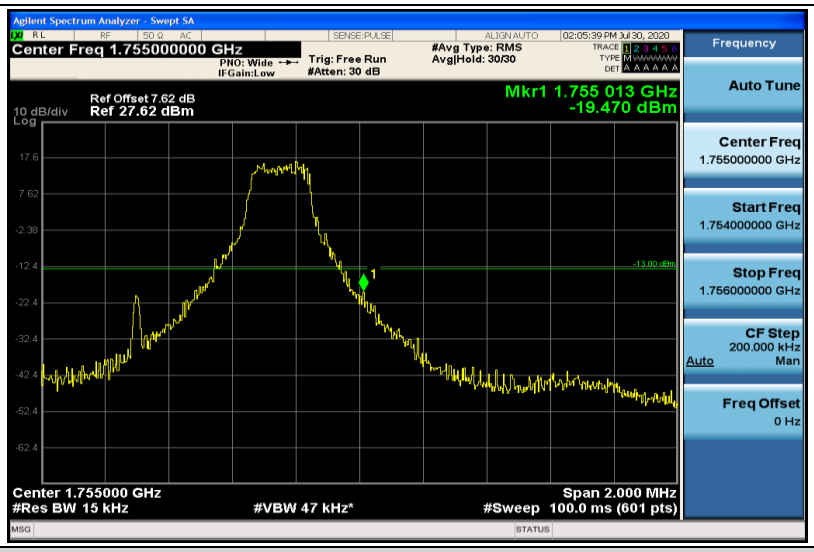
Band4-1.4MHz-QPSK-20393-6RB#0



Band4-1.4MHz-16QAM-19957-1RB#0

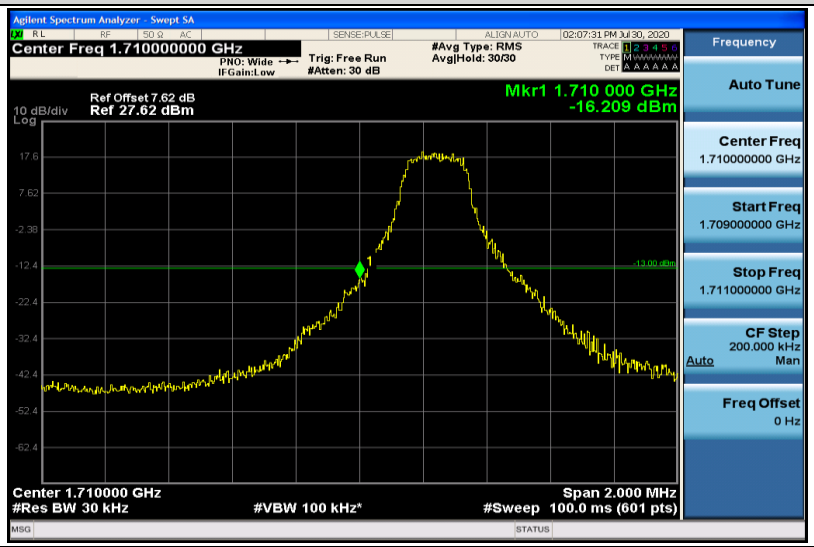


Band4-1.4MHz-16QAM-19957-6RB#0

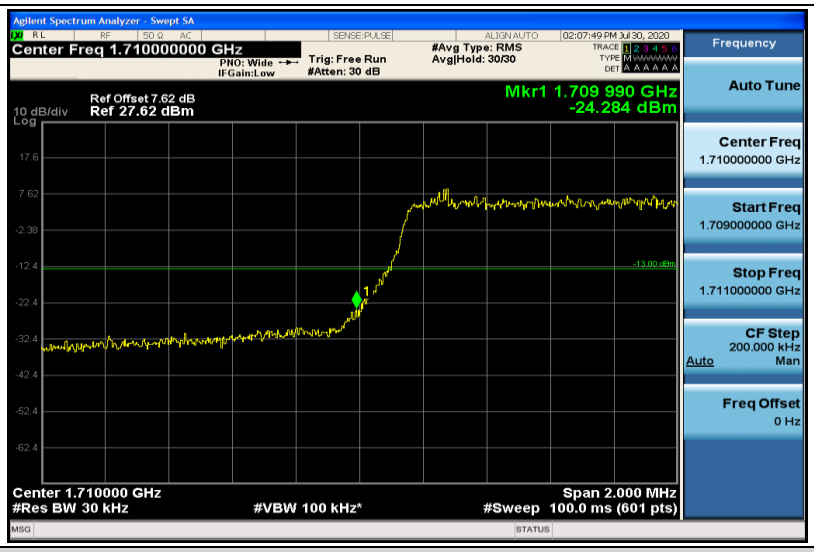


Band4-1.4MHz-16QAM-20393-1RB#5

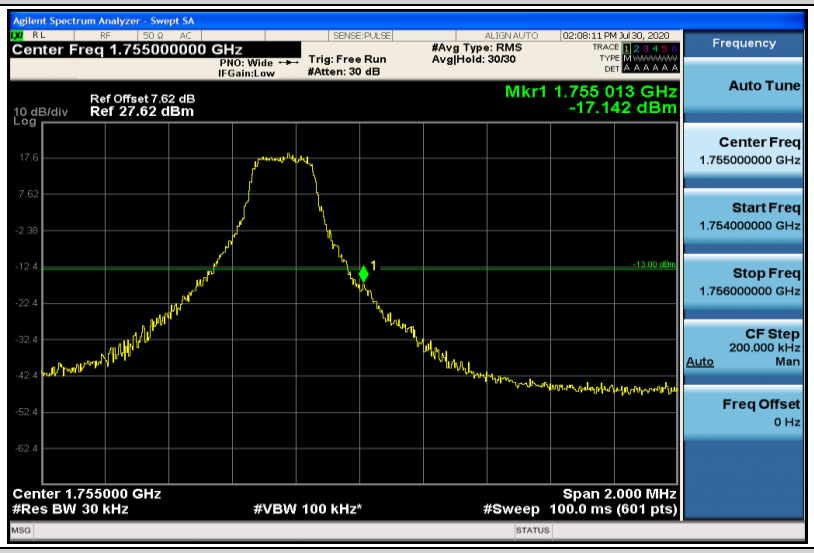
Band4-1.4MHz-16QAM-20393-6RB#0



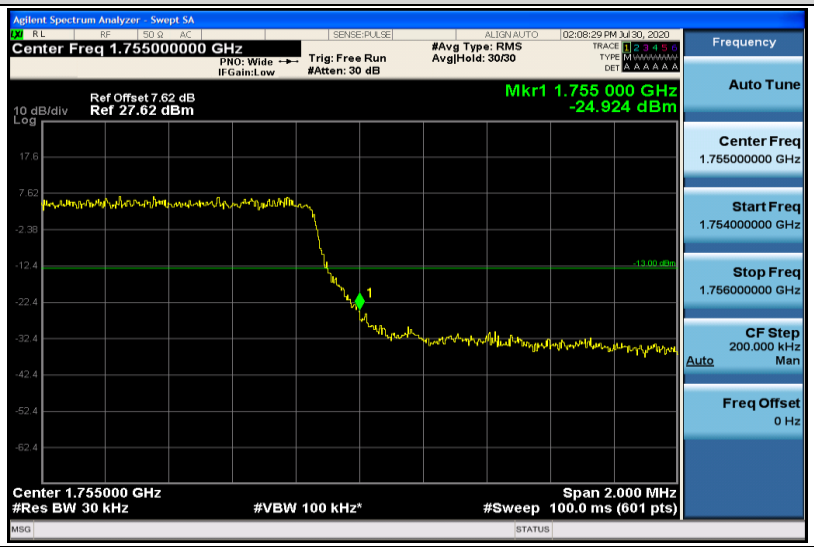
Band4-3MHz-QPSK-19965-1RB#0



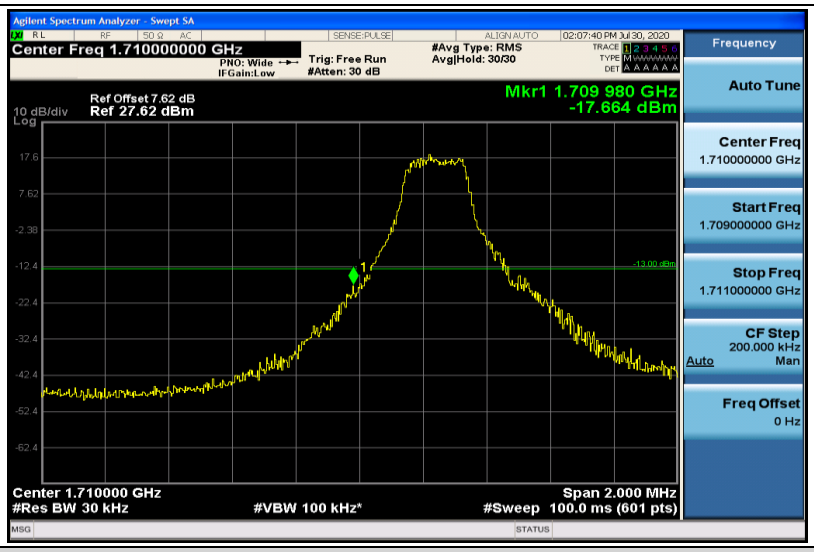
Band4-3MHz-QPSK-19965-15RB#0



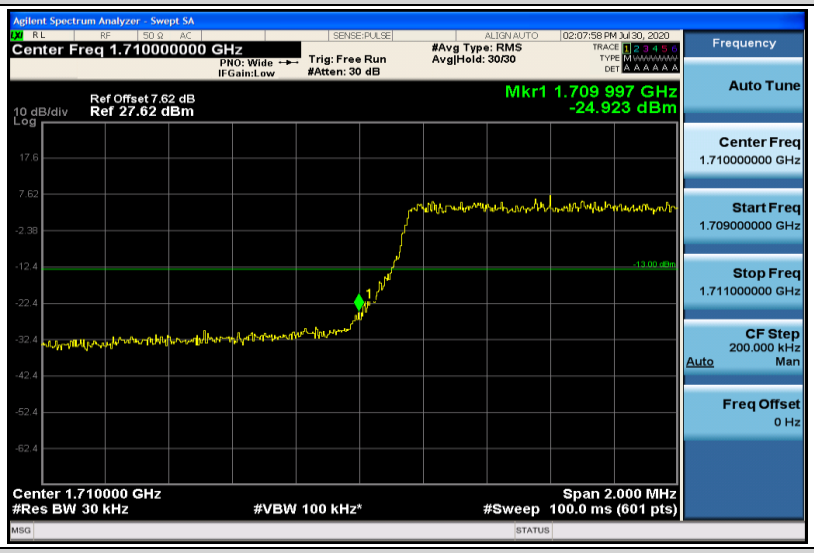
Band4-3MHz-QPSK-20385-1RB#14



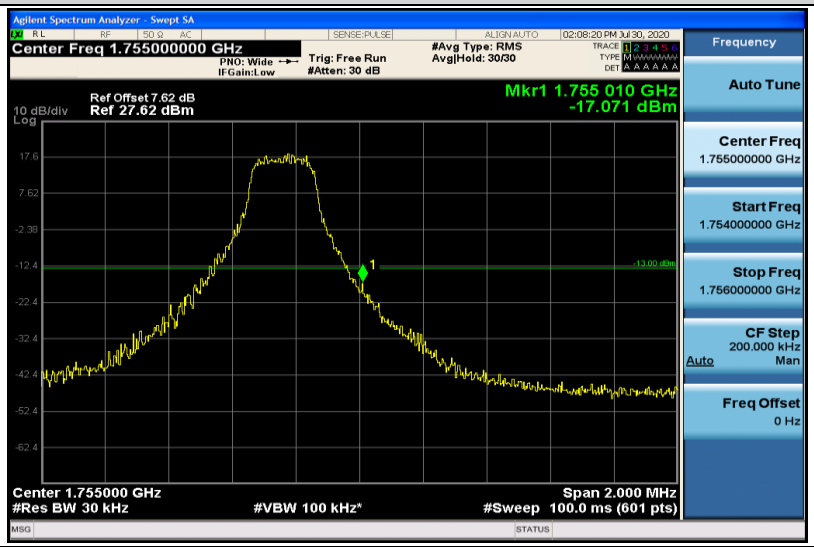
Band4-3MHz-QPSK-20385-15RB#0



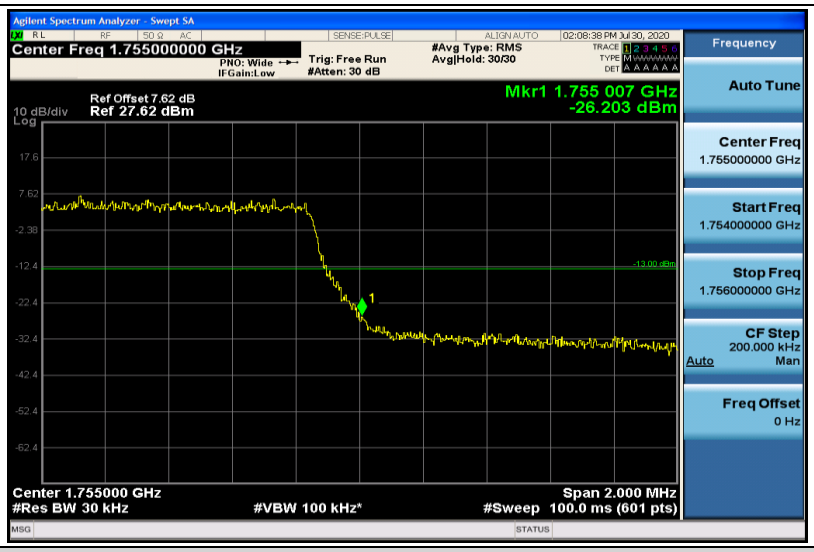
Band4-3MHz-16QAM-19965-1RB#0



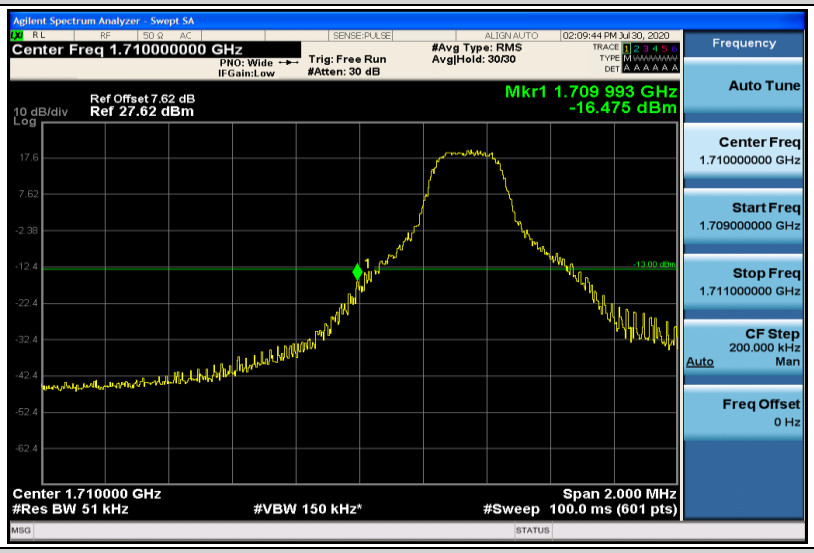
Band4-3MHz-16QAM-19965-15RB#0



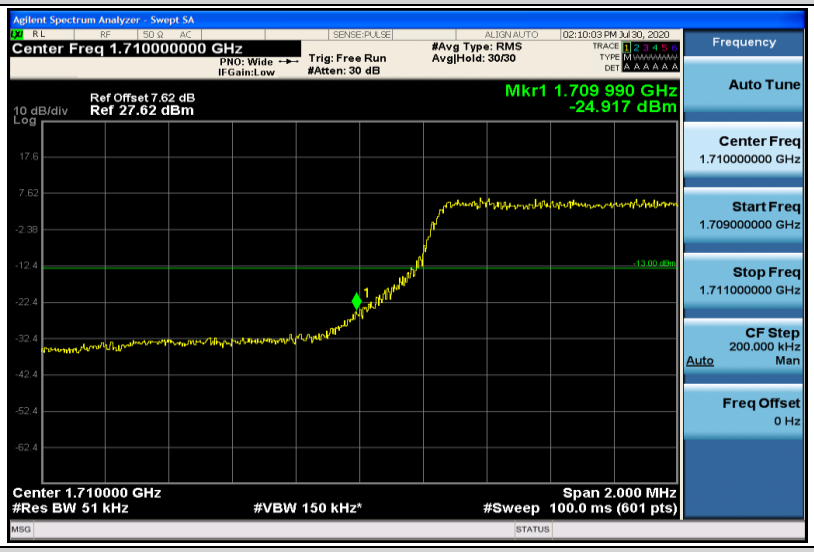
Band4-3MHz-16QAM-20385-1RB#14



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



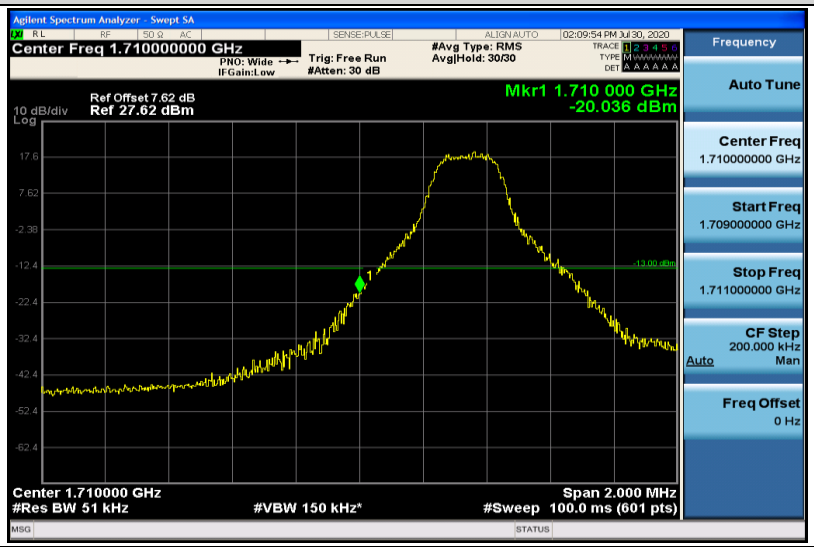
Band4-5MHz-QPSK-19975-1RB#0



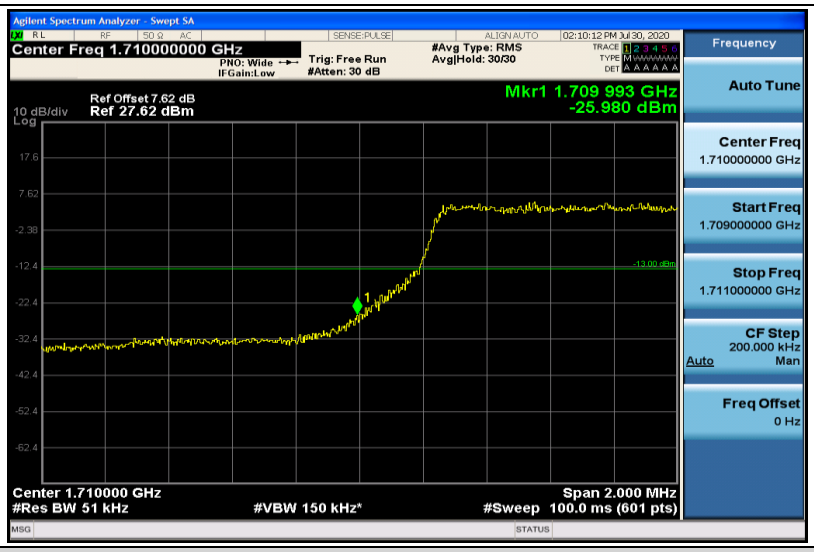
Band4-5MHz-QPSK-19975-25RB#0

Band4-5MHz-QPSK-20375-1RB#24

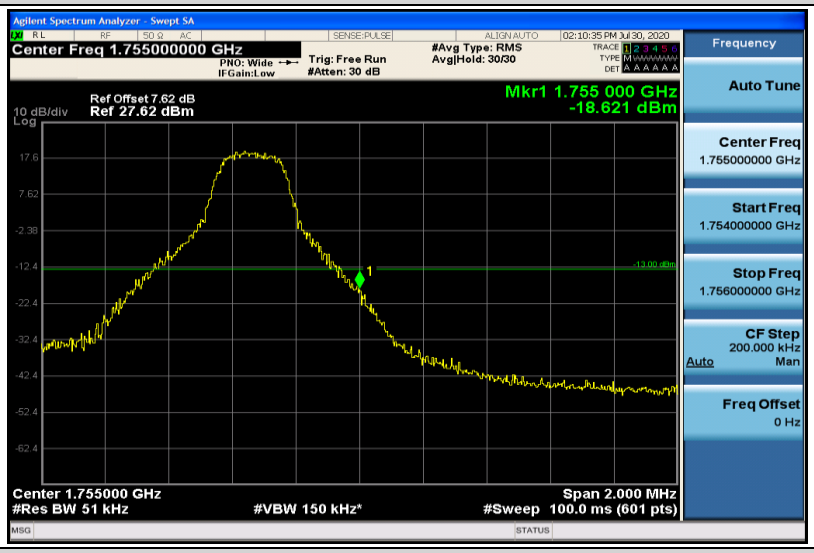
Band4-5MHz-QPSK-20375-25RB#0



Band4-5MHz-16QAM-19975-1RB#0

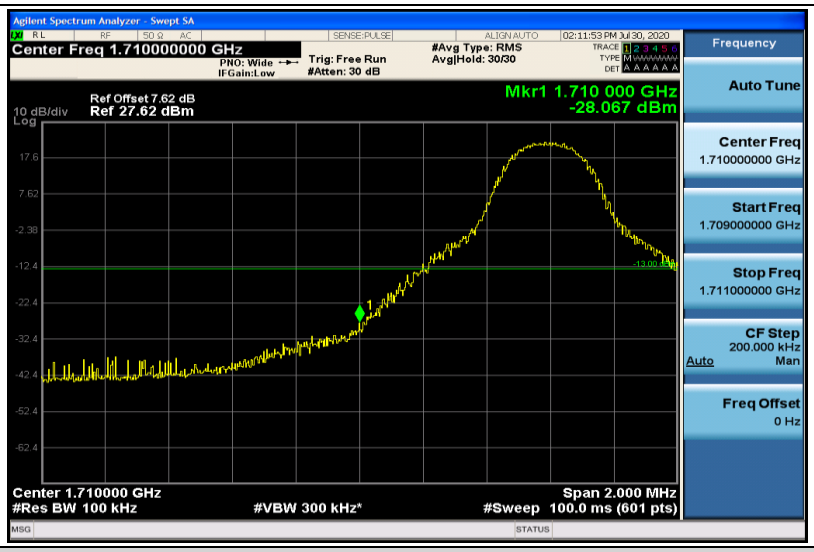


Band4-5MHz-16QAM-19975-25RB#0



Band4-5MHz-16QAM-20375-1RB#24

Band4-5MHz-16QAM-20375-25RB#0

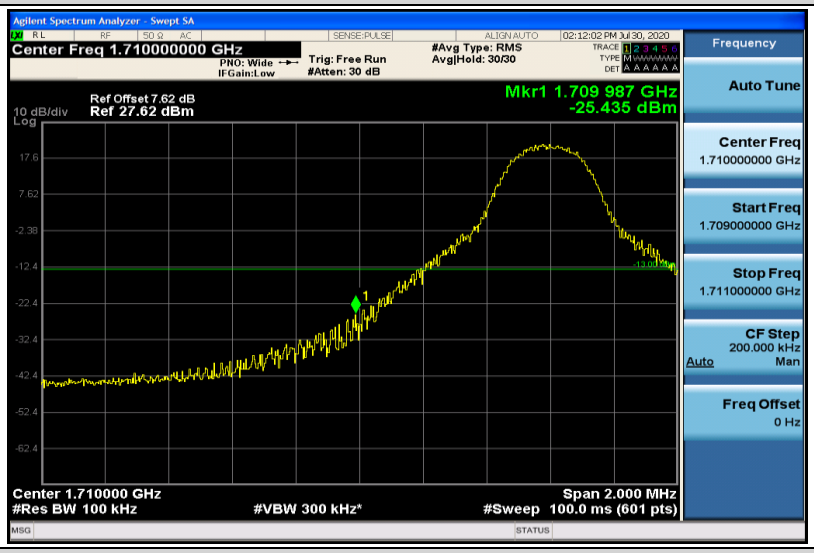


Band4-10MHz-QPSK-20000-1RB#0

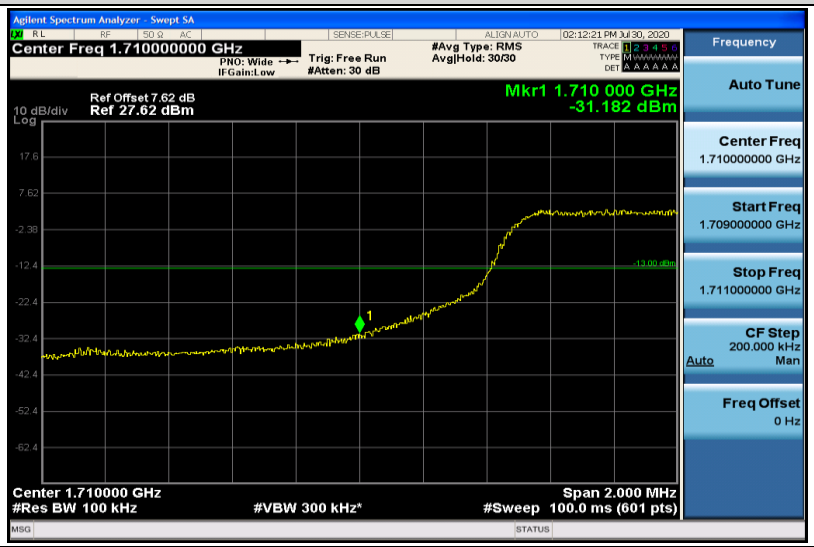
Band4-10MHz-QPSK-20000-50RB#0

Band4-10MHz-QPSK-20350-1RB#49

Band4-10MHz-QPSK-20350-50RB#0



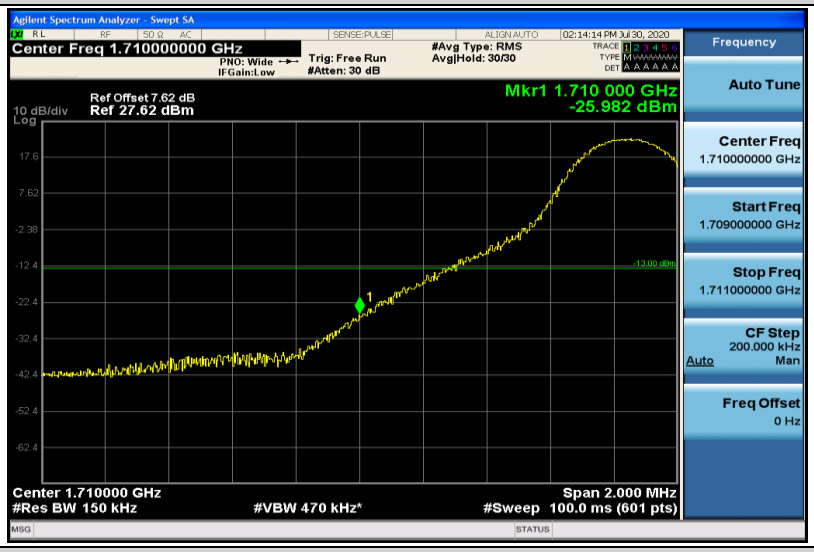
Band4-10MHz-16QAM-20000-1RB#0



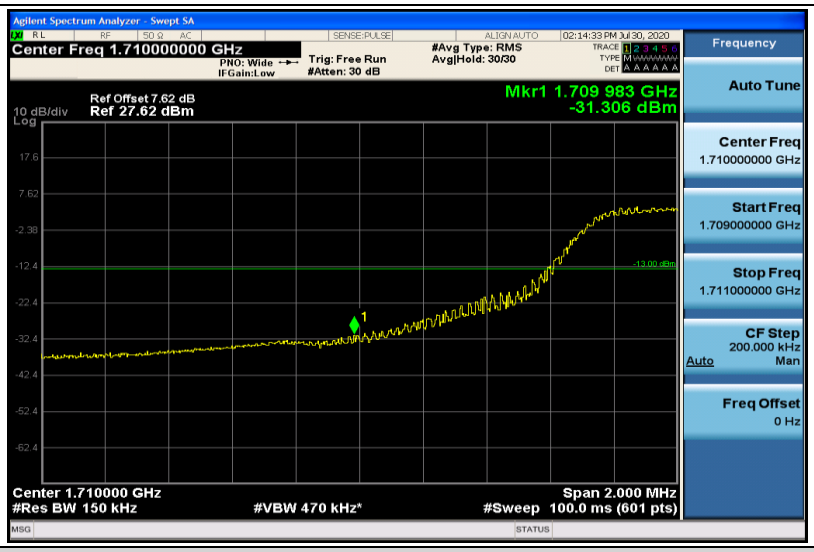
Band4-10MHz-16QAM-20000-50RB#0

Band4-10MHz-16QAM-20350-1RB#49

Band4-10MHz-16QAM-20350-50RB#0



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



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

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

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