



8.4 Appendix D: Band Edge

Test Result

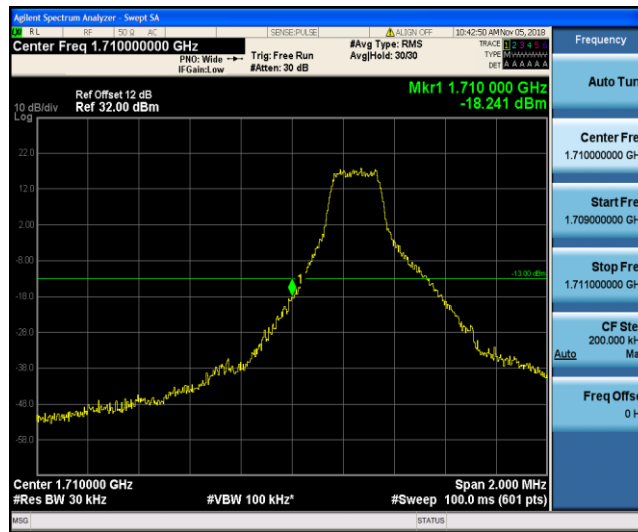
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-18.24	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-26.03	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-19.31	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-28.03	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-17.69	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-26.79	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-20.62	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-29.49	PASS
Band4	3MHz	QPSK	19965	1RB#0	-18.18	PASS
Band4	3MHz	QPSK	19965	15RB#0	-32.03	PASS
Band4	3MHz	QPSK	20385	1RB#14	-20.40	PASS
Band4	3MHz	QPSK	20385	15RB#0	-31.72	PASS
Band4	3MHz	16QAM	19965	1RB#0	-19.36	PASS
Band4	3MHz	16QAM	19965	15RB#0	-31.48	PASS
Band4	3MHz	16QAM	20385	1RB#14	-21.28	PASS
Band4	3MHz	16QAM	20385	15RB#0	-32.66	PASS
Band4	5MHz	QPSK	19975	1RB#0	-17.51	PASS
Band4	5MHz	QPSK	19975	25RB#0	-19.88	PASS
Band4	5MHz	QPSK	20375	1RB#24	-19.46	PASS
Band4	5MHz	QPSK	20375	25RB#0	-21.67	PASS
Band4	5MHz	16QAM	19975	1RB#0	-17.58	PASS
Band4	5MHz	16QAM	19975	25RB#0	-19.99	PASS
Band4	5MHz	16QAM	20375	1RB#24	-18.35	PASS
Band4	5MHz	16QAM	20375	25RB#0	-21.62	PASS
Band4	10MHz	QPSK	20000	1RB#0	-14.11	PASS
Band4	10MHz	QPSK	20000	50RB#0	-27.39	PASS
Band4	10MHz	QPSK	20350	1RB#49	-14.90	PASS
Band4	10MHz	QPSK	20350	50RB#0	-30.12	PASS
Band4	10MHz	16QAM	20000	1RB#0	-14.11	PASS
Band4	10MHz	16QAM	20000	50RB#0	-28.41	PASS
Band4	10MHz	16QAM	20350	1RB#49	-15.84	PASS
Band4	10MHz	16QAM	20350	50RB#0	-31.41	PASS
Band4	15MHz	QPSK	20025	1RB#0	-15.67	PASS
Band4	15MHz	QPSK	20025	75RB#0	-25.26	PASS
Band4	15MHz	QPSK	20325	1RB#74	-16.74	PASS
Band4	15MHz	QPSK	20325	75RB#0	-28.83	PASS
Band4	15MHz	16QAM	20025	1RB#0	-15.80	PASS
Band4	15MHz	16QAM	20025	75RB#0	-26.94	PASS
Band4	15MHz	16QAM	20325	1RB#74	-16.93	PASS
Band4	15MHz	16QAM	20325	75RB#0	-28.75	PASS



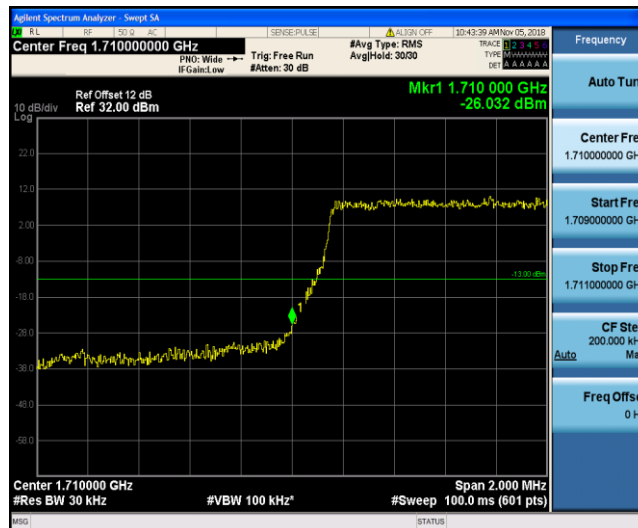
Band4	20MHz	QPSK	20050	1RB#0	-16.98	PASS
Band4	20MHz	QPSK	20050	100RB#0	-30.11	PASS
Band4	20MHz	QPSK	20300	1RB#99	-17.61	PASS
Band4	20MHz	QPSK	20300	100RB#0	-33.14	PASS
Band4	20MHz	16QAM	20050	1RB#0	-16.48	PASS
Band4	20MHz	16QAM	20050	100RB#0	-31.28	PASS
Band4	20MHz	16QAM	20300	1RB#99	-16.96	PASS
Band4	20MHz	16QAM	20300	100RB#0	-34.20	PASS



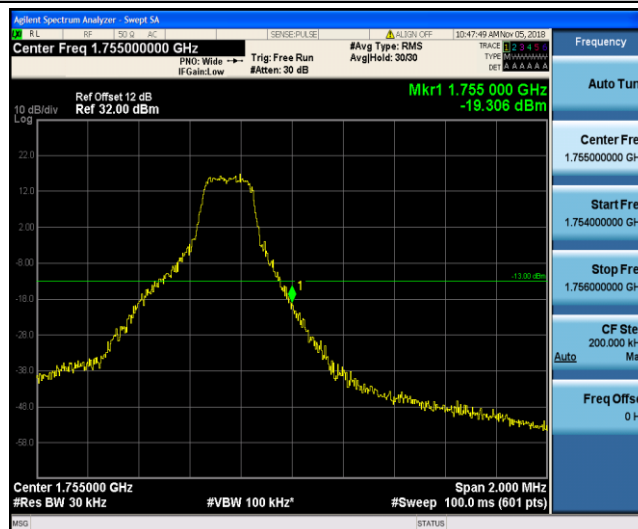
Test Graphs



Band4_1.4MHz_QPSK_19957_1RB#0



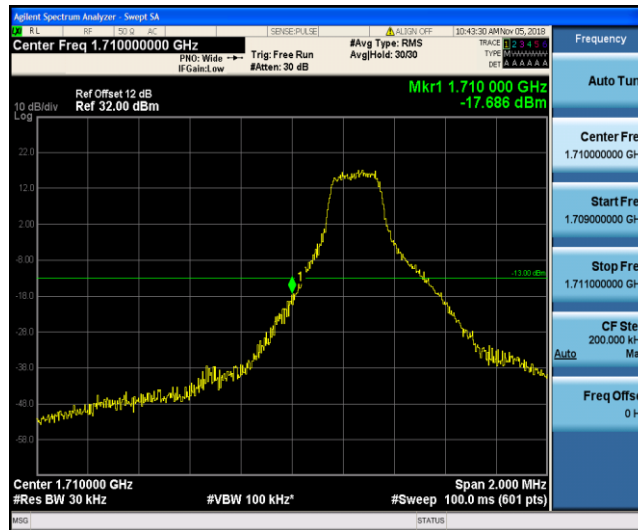
Band4_1.4MHz_QPSK_19957_6RB#0



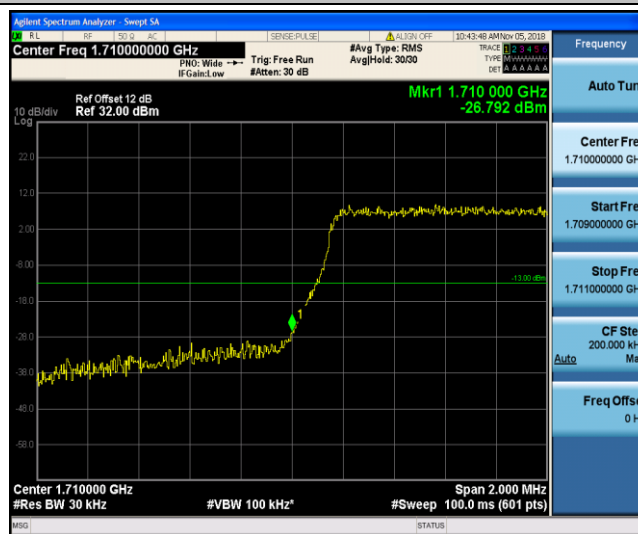
Band4_1.4MHz_QPSK_20393_1RB#5



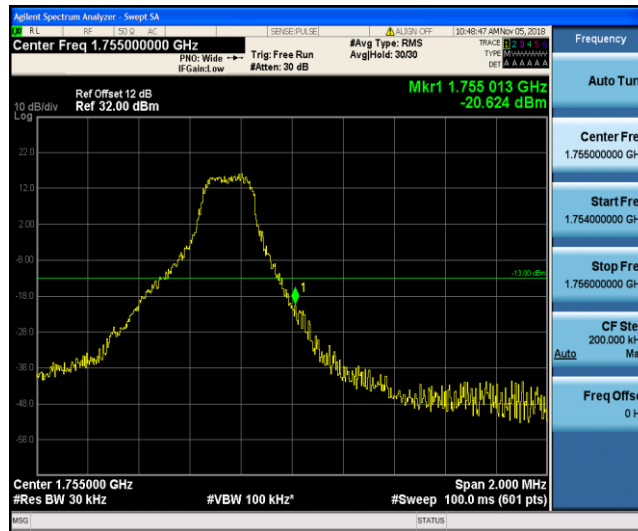
Band4_1.4MHz_QPSK_20393_6RB#0



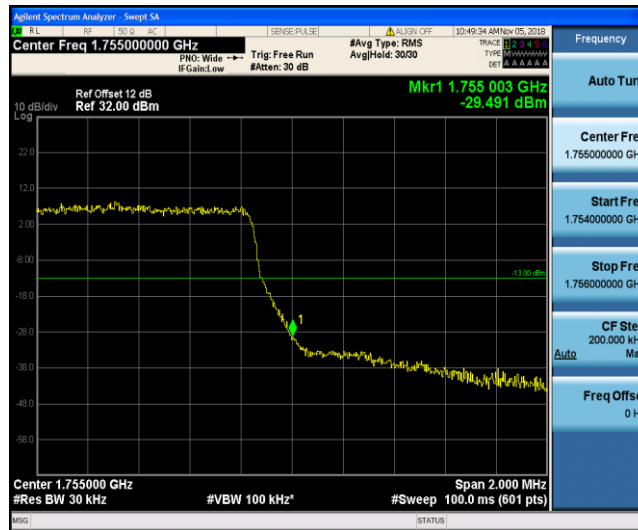
Band4_1.4MHz_16QAM_19957_1RB#0



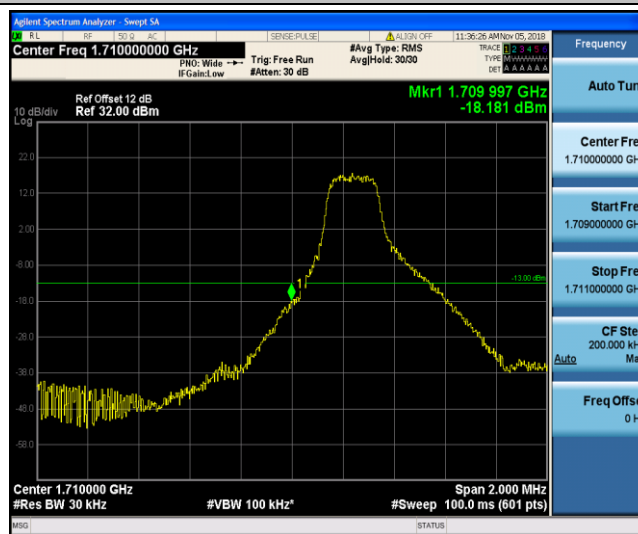
Band4_1.4MHz_16QAM_19957_6RB#0



Band4_1.4MHz_16QAM_20393_1RB#5



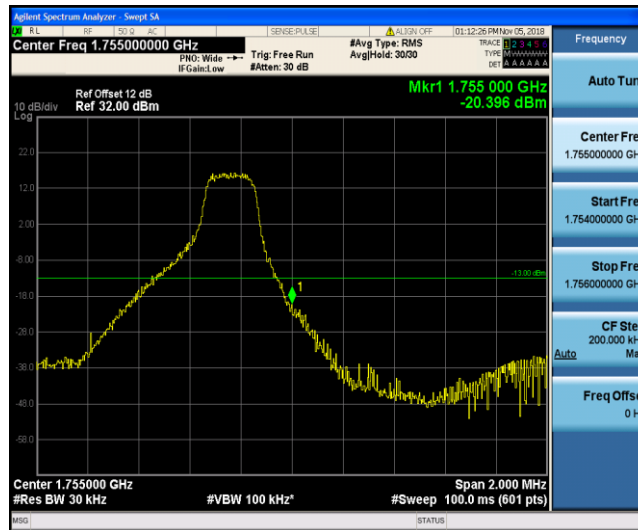
Band4_1.4MHz_16QAM_20393_6RB#0



Band4_3MHz_QPSK_19965_1RB#0



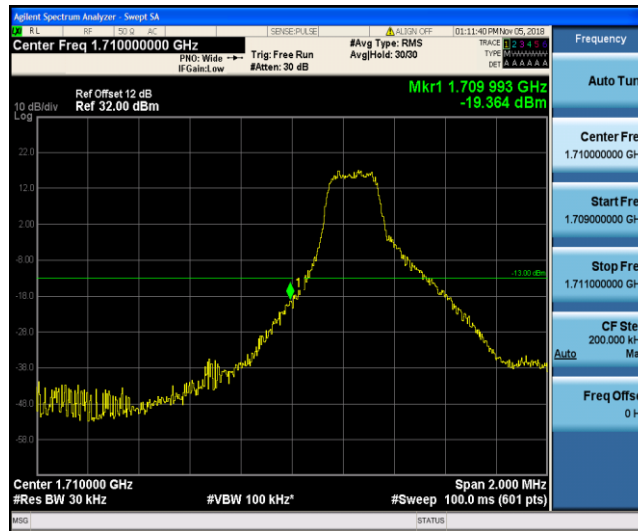
Band4_3MHz_QPSK_19965_15RB#0



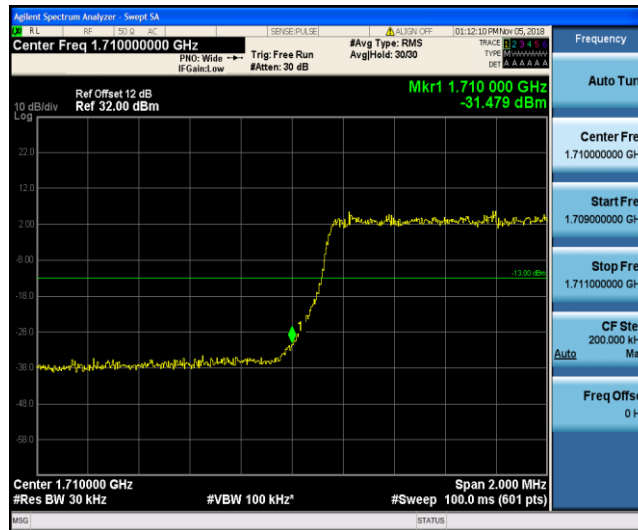
Band4_3MHz_QPSK_20385_1RB#14



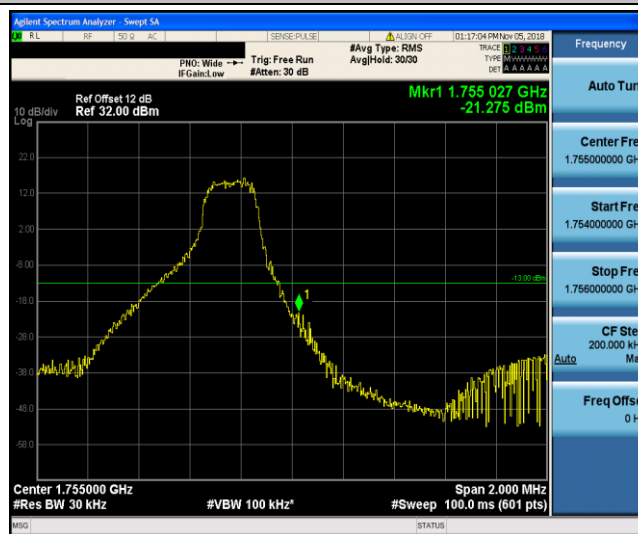
Band4_3MHz_QPSK_20385_15RB#0



Band4_3MHz_16QAM_19965_1RB#0



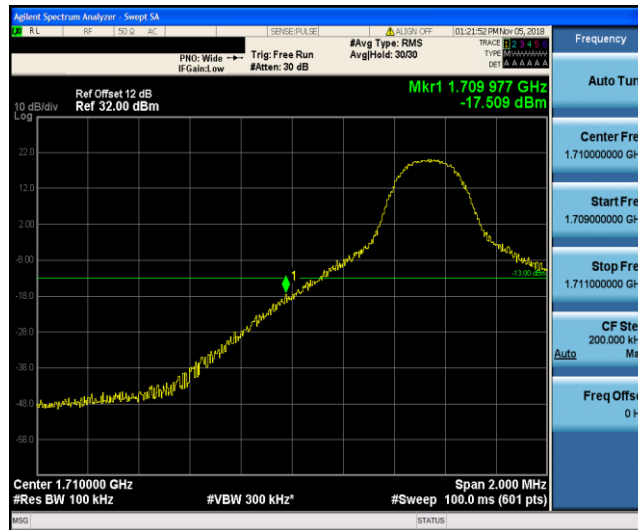
Band4_3MHz_16QAM_19965_15RB#0



Band4_3MHz_16QAM_20385_1RB#14



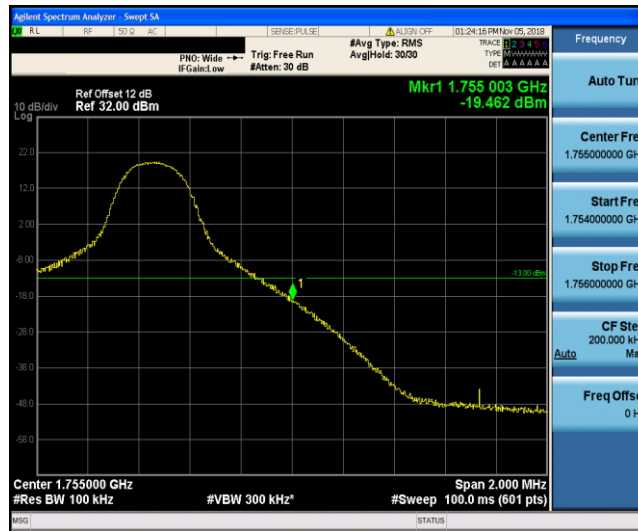
Band4_3MHz_16QAM_20385_15RB#0



Band4_5MHz_QPSK_19975_1RB#0



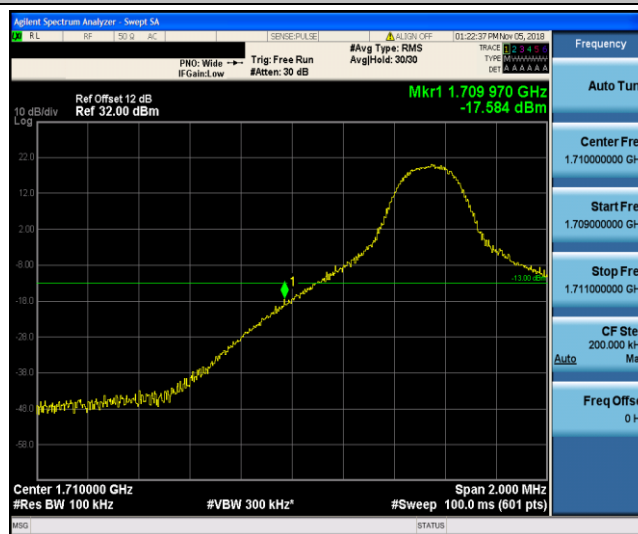
Band4_5MHz_QPSK_19975_25RB#0



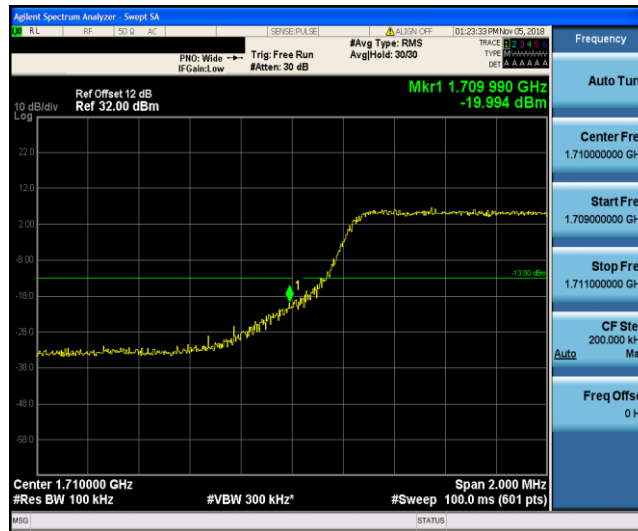
Band4_5MHz_QPSK_20375_1RB#24



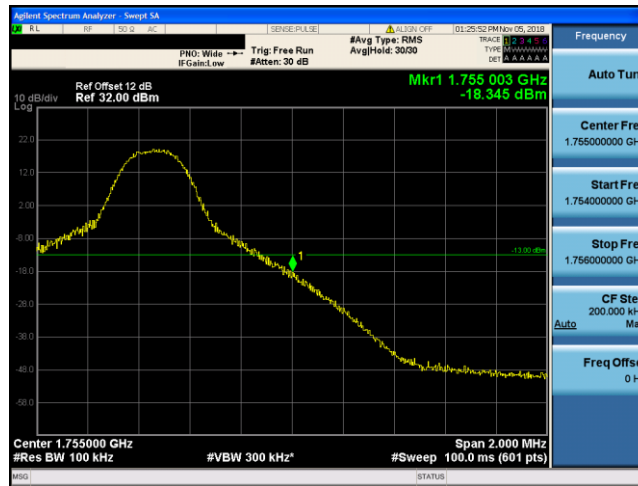
Band4_5MHz_QPSK_20375_25RB#0



Band4_5MHz_16QAM_19975_1RB#0



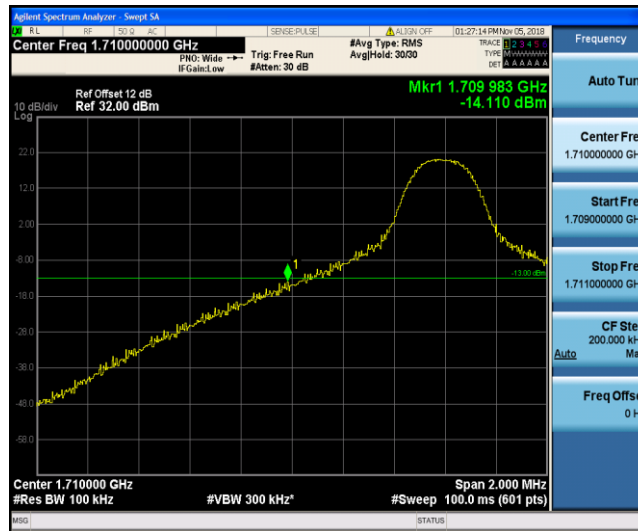
Band4_5MHz_16QAM_19975_25RB#0



Band4_5MHz_16QAM_20375_1RB#24



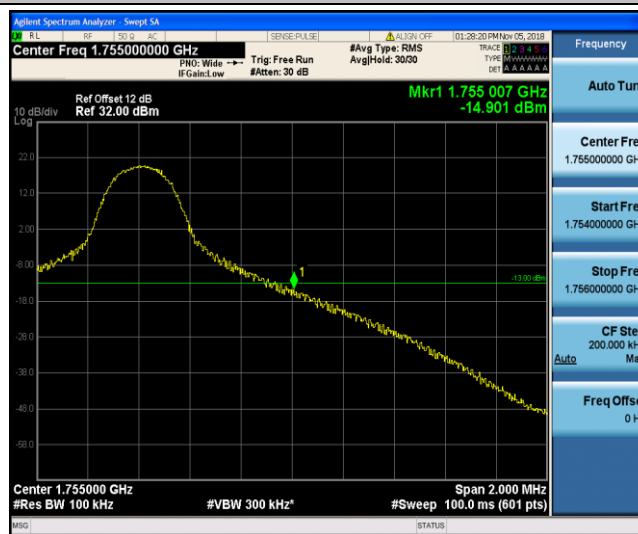
Band4_5MHz_16QAM_20375_25RB#0



Band4_10MHz_QPSK_20000_1RB#0



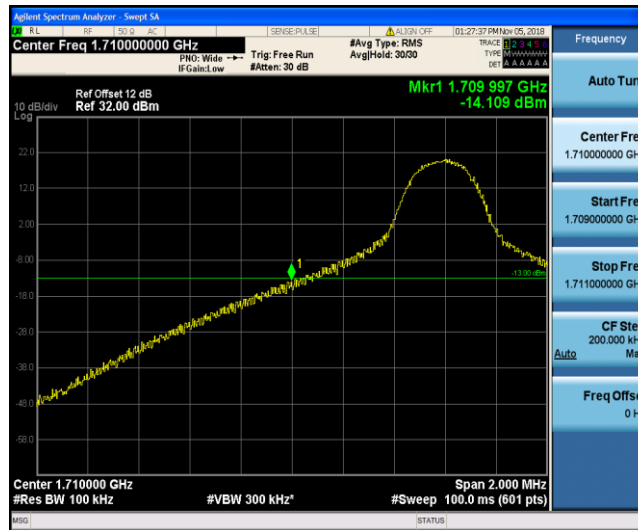
Band4_10MHz_QPSK_20000_50RB#0



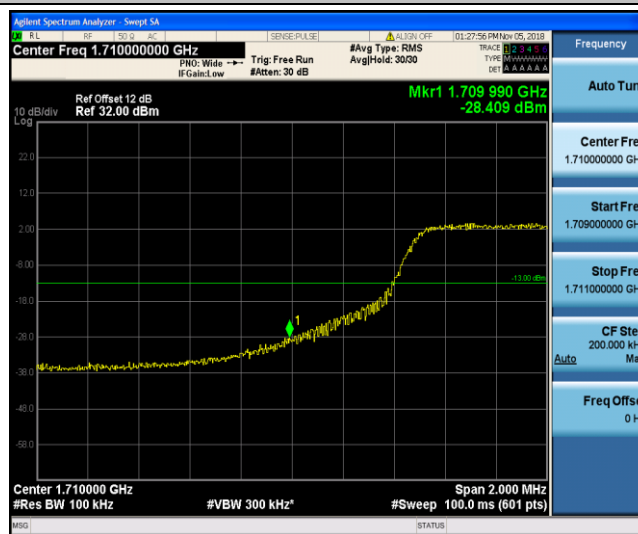
Band4_10MHz_QPSK_20350_1RB#49



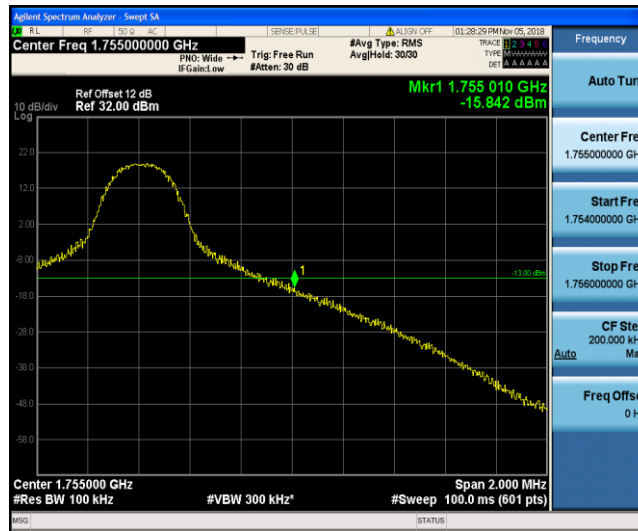
Band4_10MHz_QPSK_20350_50RB#0



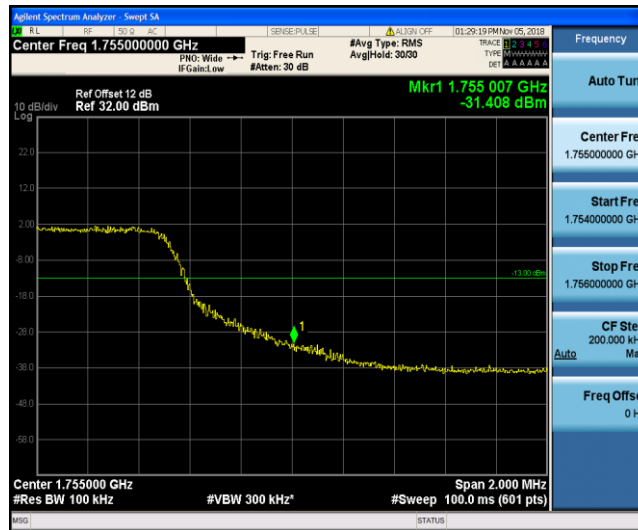
Band4_10MHz_16QAM_20000_1RB#0



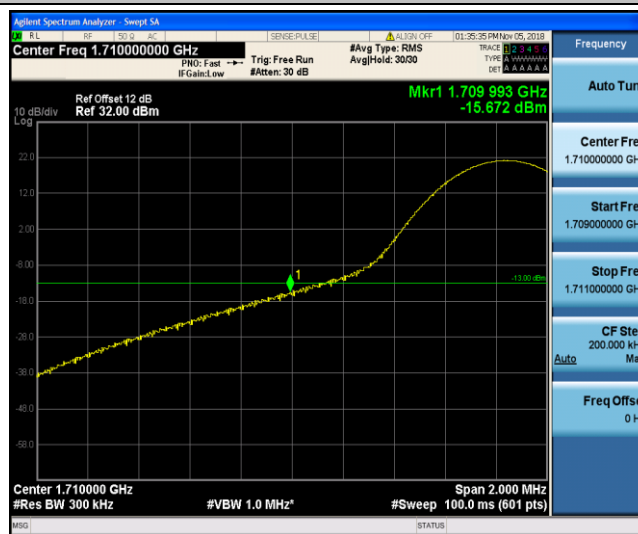
Band4_10MHz_16QAM_20000_50RB#0



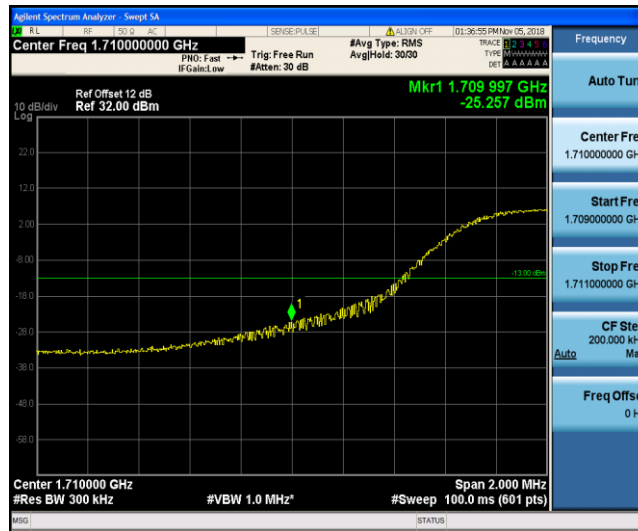
Band4_10MHz_16QAM_20350_1RB#49



Band4_10MHz_16QAM_20350_50RB#0



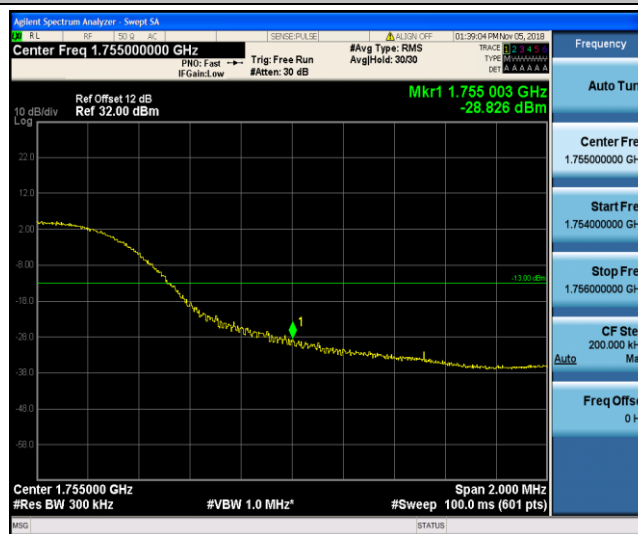
Band4_15MHz_QPSK_2025_1RB#0



Band4_15MHz_QPSK_2025_75RB#0



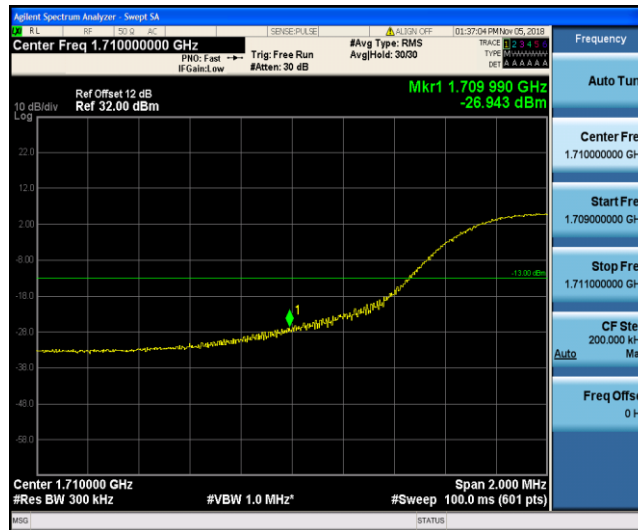
Band4_15MHz_QPSK_20325_1RB#74



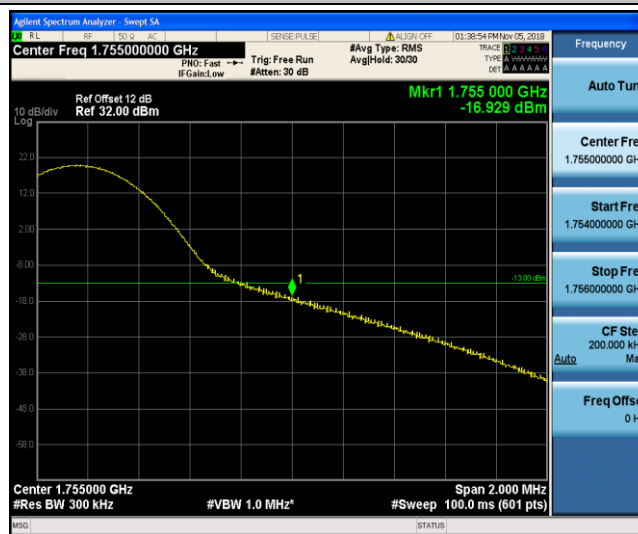
Band4_15MHz_QPSK_20325_75RB#0



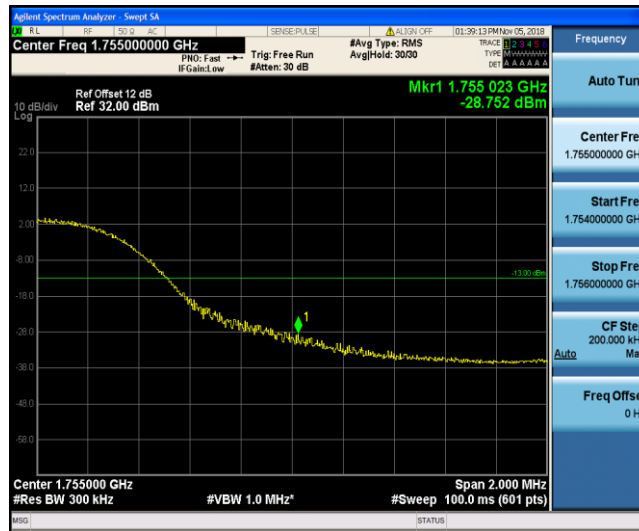
Band4_15MHz_16QAM_2025_1RB#0



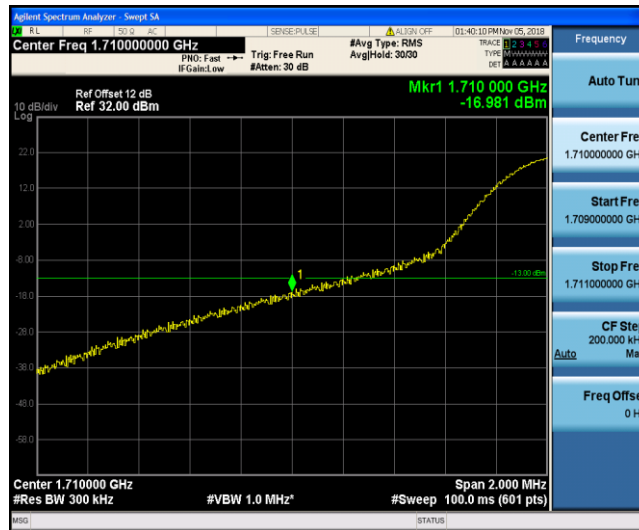
Band4_15MHz_16QAM_2025_75RB#0



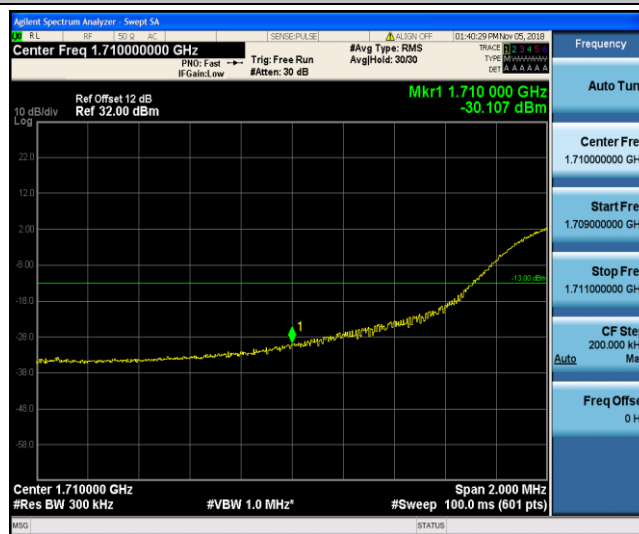
Band4_15MHz_16QAM_20325_1RB#74



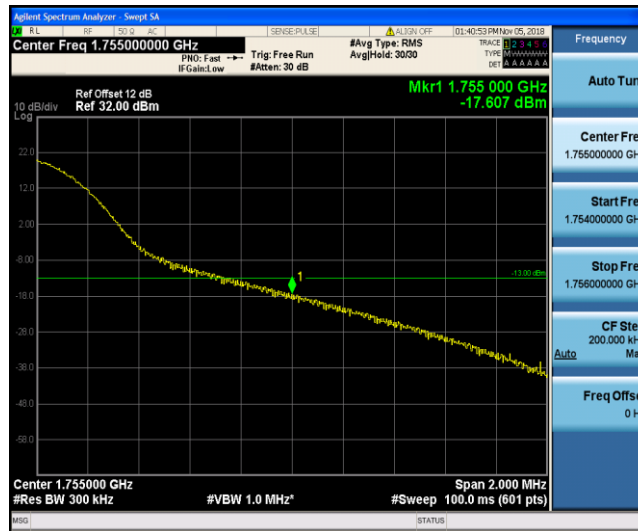
Band4_15MHz_16QAM_20325_75RB#0



Band4_20MHz_QPSK_20050_1RB#0



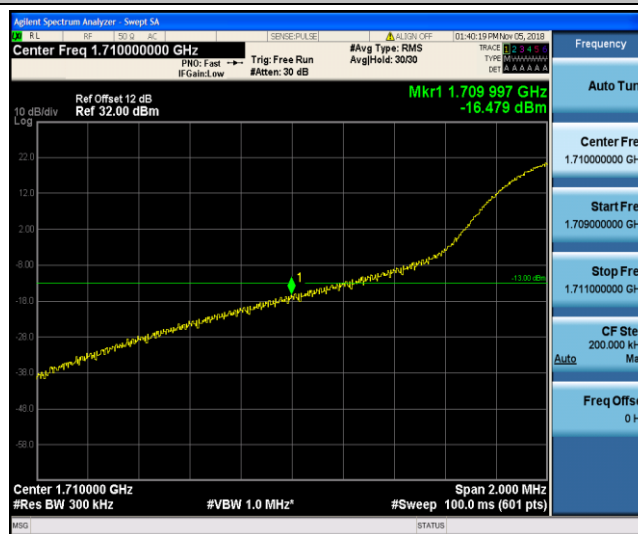
Band4_20MHz_QPSK_20050_100RB#0



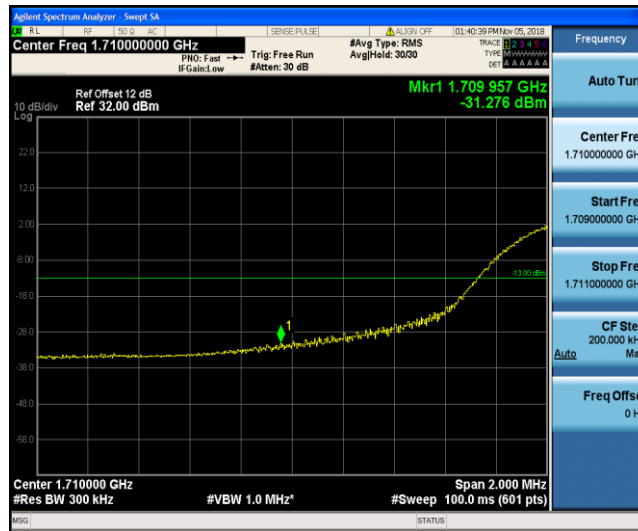
Band4_20MHz_QPSK_20300_1RB#99



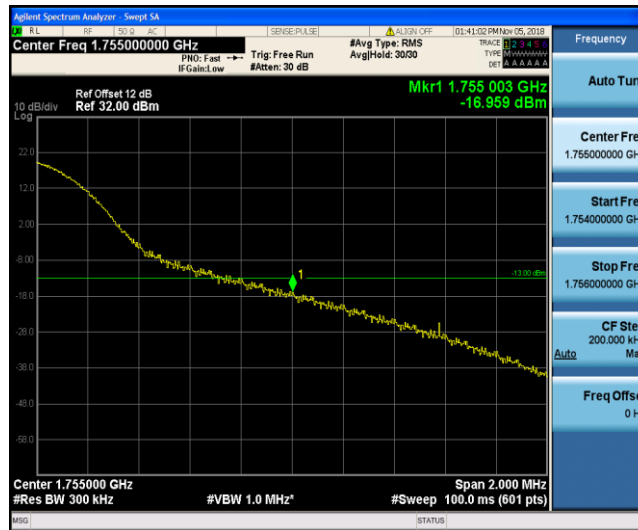
Band4_20MHz_QPSK_20300_100RB#0



Band4_20MHz_16QAM_20050_1RB#0



Band4_20MHz_16QAM_20050_100RB#0



Band4_20MHz_16QAM_20300_1RB#99



Band4_20MHz_16QAM_20300_100RB#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	Range1:30~1000MHz	-49.91	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:1000~26000MHz	-33.74	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-49.65	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:1000~26000MHz	-33.41	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:30~1000MHz	-50.01	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:1000~26000MHz	-33.63	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:30~1000MHz	-49.51	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:1000~26000MHz	-33.77	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-48.63	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:1000~26000MHz	-33.70	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:30~1000MHz	-49.57	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:1000~26000MHz	-33.76	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:30~1000MHz	-49.70	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:1000~26000MHz	-33.77	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-49.80	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range2:1000~26000MHz	-33.62	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:30~1000MHz	-49.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:1000~26000MHz	-33.62	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:30~1000MHz	-49.27	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:1000~26000MHz	-33.75	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-50.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:1000~26000MHz	-33.89	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:30~1000MHz	-49.47	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:1000~26000MHz	-33.78	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:30~1000MHz	-49.55	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:1000~26000MHz	-33.64	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-50.17	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:1000~26000MHz	-33.71	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:30~1000MHz	-49.39	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:1000~26000MHz	-33.78	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:30~1000MHz	-49.49	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:1000~26000MHz	-33.64	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-49.63	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:1000~26000MHz	-33.83	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:30~1000MHz	-49.88	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:1000~26000MHz	-33.39	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:30~1000MHz	-49.82	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:1000~26000MHz	-33.76	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-49.63	PASS



Band4	10MHz	QPSK	20175	1RB#0	Range2:1000~26000MHz	-33.65	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:30~1000MHz	-48.84	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:1000~26000MHz	-33.72	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:30~1000MHz	-49.53	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:1000~26000MHz	-33.75	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-49.55	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:1000~26000MHz	-33.70	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:30~1000MHz	-49.55	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:1000~26000MHz	-33.57	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range1:30~1000MHz	-49.57	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:1000~26000MHz	-33.92	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-49.81	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:1000~26000MHz	-33.59	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:30~1000MHz	-49.29	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:1000~26000MHz	-33.78	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:30~1000MHz	-49.84	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:1000~26000MHz	-33.57	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-49.30	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:1000~26000MHz	-33.80	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:30~1000MHz	-49.77	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:1000~26000MHz	-33.78	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:30~1000MHz	-50.30	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:1000~26000MHz	-33.76	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:30~1000MHz	-49.80	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:1000~26000MHz	-33.87	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:30~1000MHz	-49.39	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:1000~26000MHz	-33.46	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range1:30~1000MHz	-49.14	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:1000~26000MHz	-33.75	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:30~1000MHz	-49.97	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:1000~26000MHz	-33.76	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:30~1000MHz	-49.52	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:1000~26000MHz	-33.70	PASS