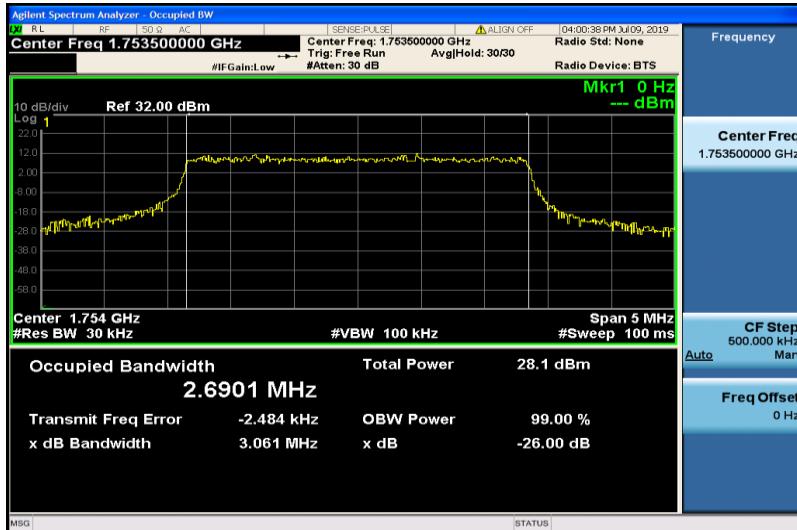


### Band4-3MHz-16QAM-20385-15RB#0-2.6901



### Band4-5MHz-QPSK-19975-25RB#0-4.5174



### Band4-5MHz-QPSK-20175-25RB#0-4.5138



### Band4-5MHz-QPSK-20375-25RB#0-4.5387



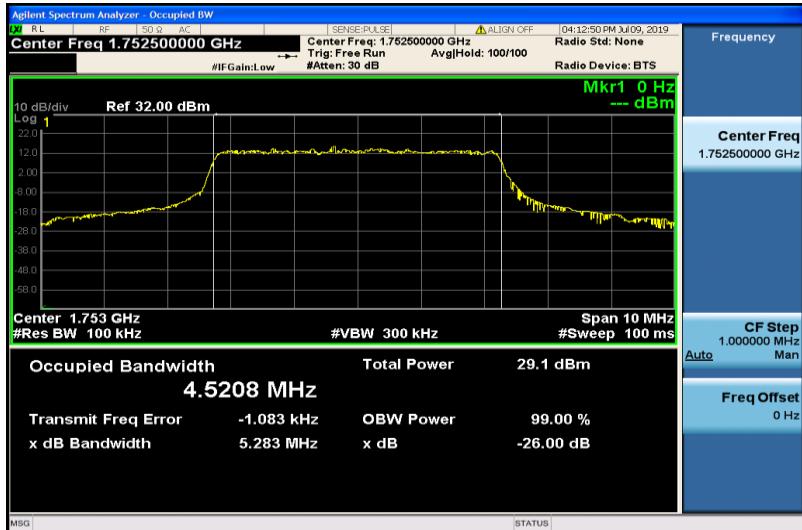
### Band4-5MHz-16QAM-19975-25RB#0-4.5429



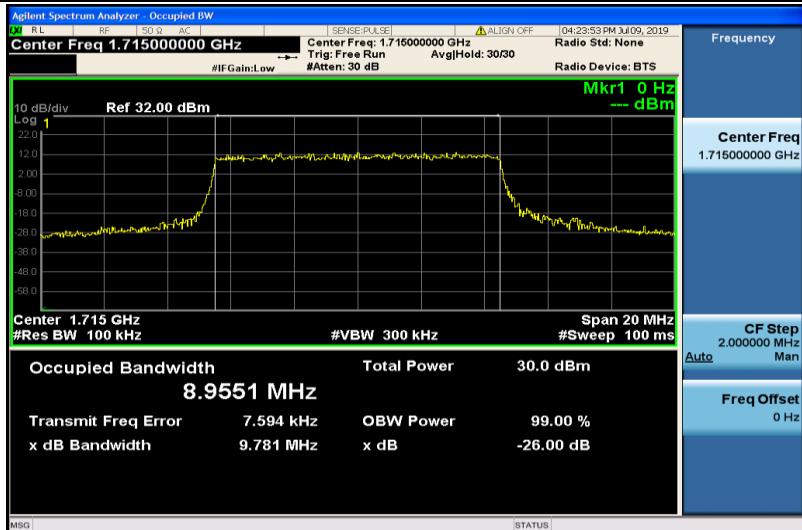
### Band4-5MHz-16QAM-20175-25RB#0-4.5439



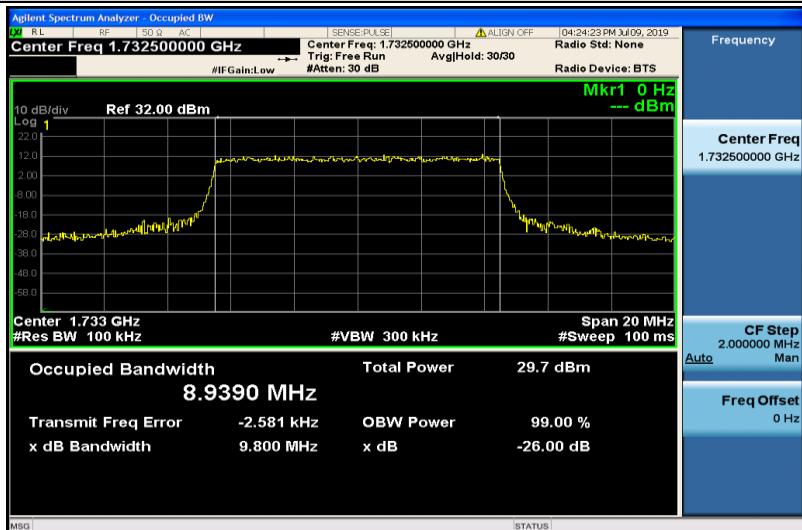
### Band4-5MHz-16QAM-20375-25RB#0-4.5208



### Band4-10MHz-QPSK-20000-50RB#0-8.9551



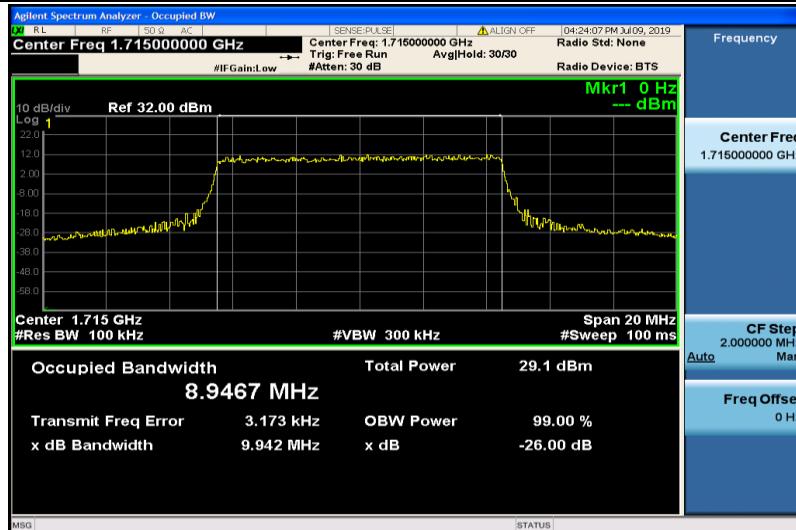
### Band4-10MHz-QPSK-20175-50RB#0-8.9390



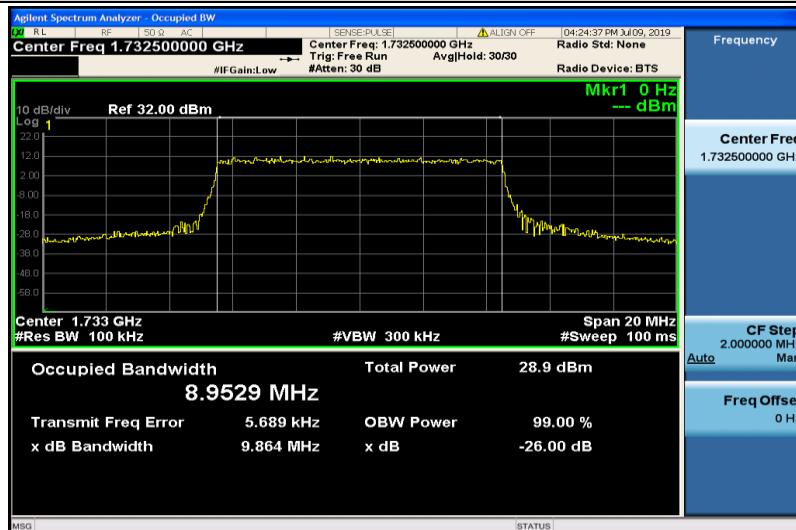
### Band4-10MHz-QPSK-20350-50RB#0-8.9544



### Band4-10MHz-16QAM-20000-50RB#0-8.9467



### Band4-10MHz-16QAM-20175-50RB#0-8.9529



### Band4-10MHz-16QAM-20350-50RB#0-8.9458



### Band4-15MHz-QPSK-20025-75RB#0-13.497



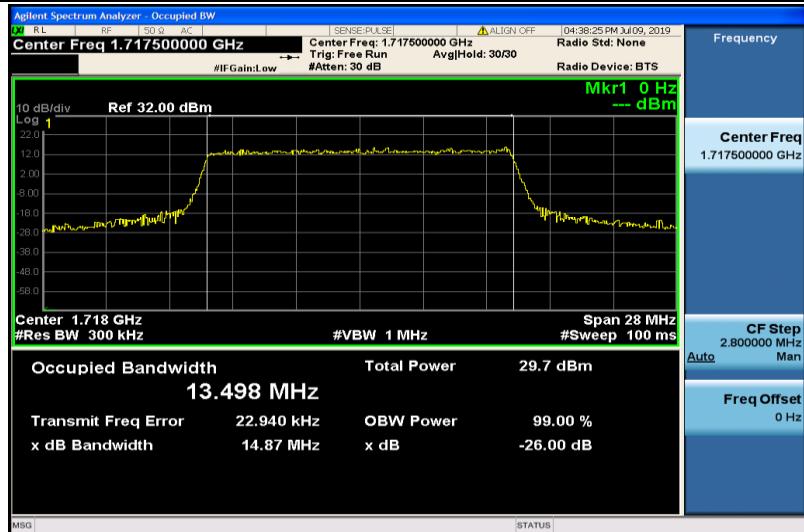
### Band4-15MHz-QPSK-20175-75RB#0-13.451



### Band4-15MHz-QPSK-20325-75RB#0-13.487



### Band4-15MHz-16QAM-20025-75RB#0-13.498



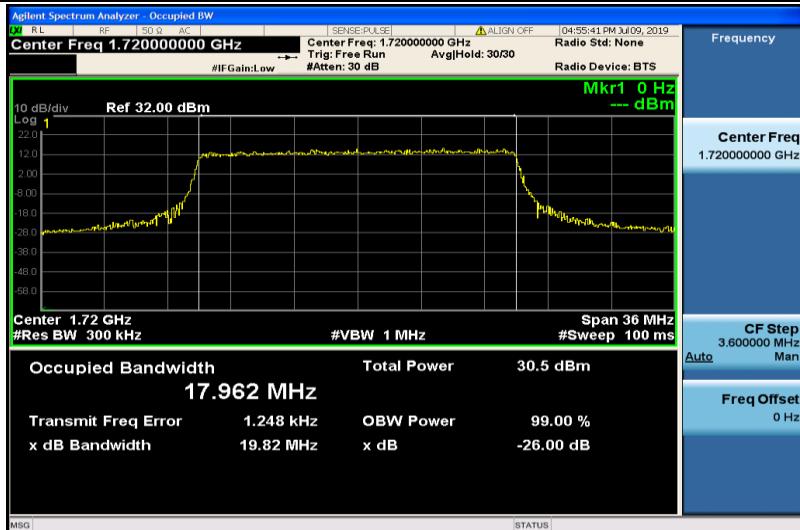
### Band4-15MHz-16QAM-20175-75RB#0-13.490



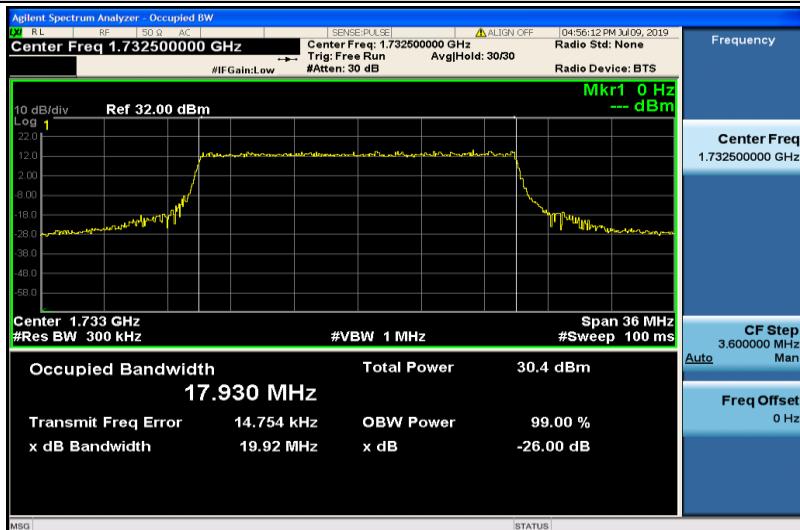
### Band4-15MHz-16QAM-20325-75RB#0-13.522



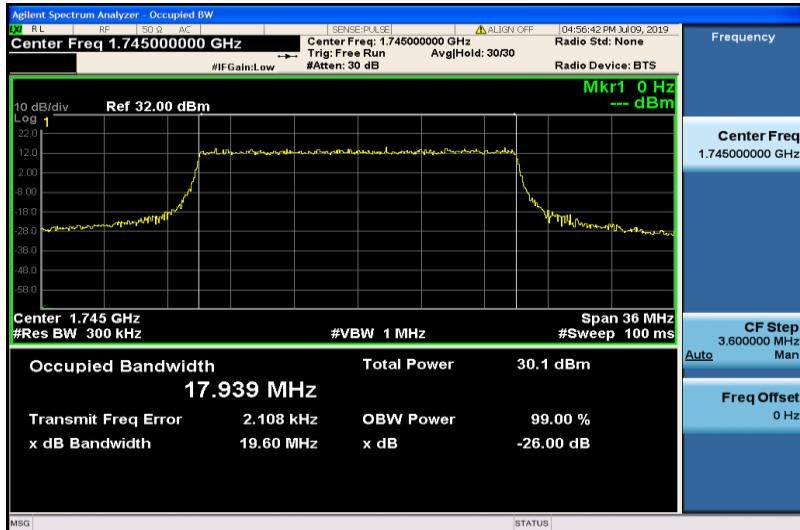
### Band4-20MHz-QPSK-20050-100RB#0-17.962



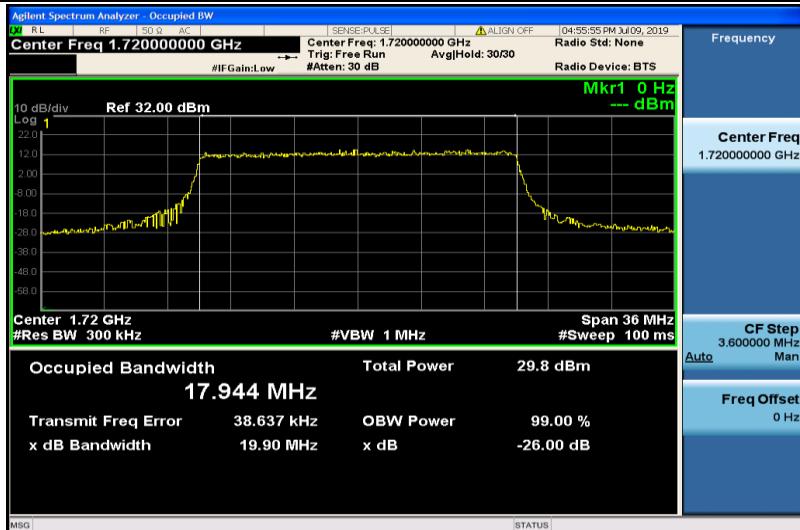
### Band4-20MHz-QPSK-20175-100RB#0-17.930



### Band4-20MHz-QPSK-20300-100RB#0-17.939



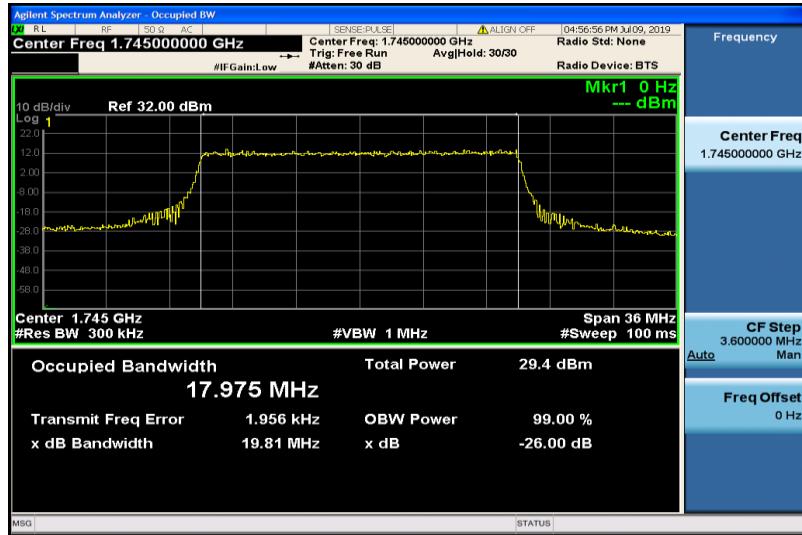
### Band4-20MHz-16QAM-20050-100RB#0-17.944



### Band4-20MHz-16QAM-20175-100RB#0-17.964



## Band4-20MHz-16QAM-20300-100RB#0-17.975



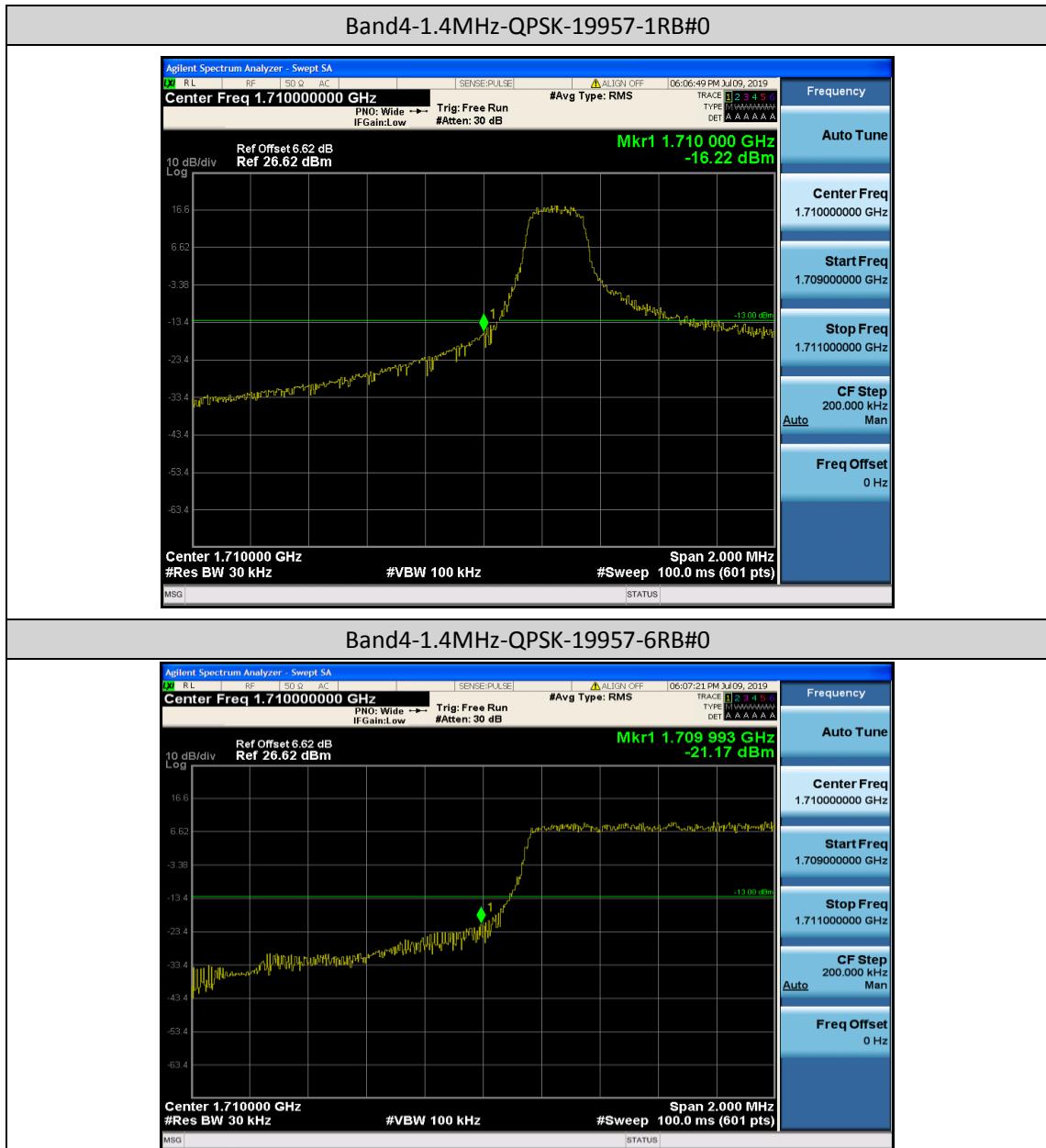
## Appendix D: Band Edge

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-16.22	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-21.17	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-15.33	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-20.50	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-15.86	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-21.45	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-18.32	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-20.36	PASS
Band4	3MHz	QPSK	19965	1RB#0	-19.40	PASS
Band4	3MHz	QPSK	19965	15RB#0	-21.62	PASS
Band4	3MHz	QPSK	20385	1RB#14	-19.77	PASS
Band4	3MHz	QPSK	20385	15RB#0	-21.89	PASS
Band4	3MHz	16QAM	19965	1RB#0	-18.65	PASS
Band4	3MHz	16QAM	19965	15RB#0	-20.88	PASS
Band4	3MHz	16QAM	20385	1RB#14	-19.62	PASS
Band4	3MHz	16QAM	20385	15RB#0	-21.41	PASS
Band4	5MHz	QPSK	19975	1RB#0	-15.96	PASS
Band4	5MHz	QPSK	19975	25RB#0	-22.78	PASS
Band4	5MHz	QPSK	20375	1RB#24	-17.62	PASS
Band4	5MHz	QPSK	20375	25RB#0	-21.29	PASS
Band4	5MHz	16QAM	19975	1RB#0	-17.39	PASS
Band4	5MHz	16QAM	19975	25RB#0	-23.45	PASS
Band4	5MHz	16QAM	20375	1RB#24	-17.62	PASS
Band4	5MHz	16QAM	20375	25RB#0	-20.10	PASS
Band4	10MHz	QPSK	20000	1RB#0	-16.84	PASS
Band4	10MHz	QPSK	20000	50RB#0	-28.67	PASS
Band4	10MHz	QPSK	20350	1RB#49	-18.59	PASS
Band4	10MHz	QPSK	20350	50RB#0	-28.65	PASS
Band4	10MHz	16QAM	20000	1RB#0	-17.89	PASS
Band4	10MHz	16QAM	20000	50RB#0	-28.18	PASS
Band4	10MHz	16QAM	20350	1RB#49	-20.52	PASS
Band4	10MHz	16QAM	20350	50RB#0	-28.28	PASS
Band4	15MHz	QPSK	20025	1RB#0	-14.91	PASS
Band4	15MHz	QPSK	20025	75RB#0	-25.18	PASS
Band4	15MHz	QPSK	20325	1RB#74	-15.13	PASS
Band4	15MHz	QPSK	20325	75RB#0	-25.09	PASS

Band4	15MHz	16QAM	20025	1RB#0	-15.34	PASS
Band4	15MHz	16QAM	20025	75RB#0	-28.25	PASS
Band4	15MHz	16QAM	20325	1RB#74	-16.15	PASS
Band4	15MHz	16QAM	20325	75RB#0	-26.06	PASS
Band4	20MHz	QPSK	20050	1RB#0	-18.44	PASS
Band4	20MHz	QPSK	20050	100RB#0	-28.90	PASS
Band4	20MHz	QPSK	20300	1RB#99	-18.98	PASS
Band4	20MHz	QPSK	20300	100RB#0	-29.18	PASS
Band4	20MHz	16QAM	20050	1RB#0	-18.37	PASS
Band4	20MHz	16QAM	20050	100RB#0	-29.85	PASS
Band4	20MHz	16QAM	20300	1RB#99	-19.13	PASS
Band4	20MHz	16QAM	20300	100RB#0	-31.06	PASS

## Test Graphs



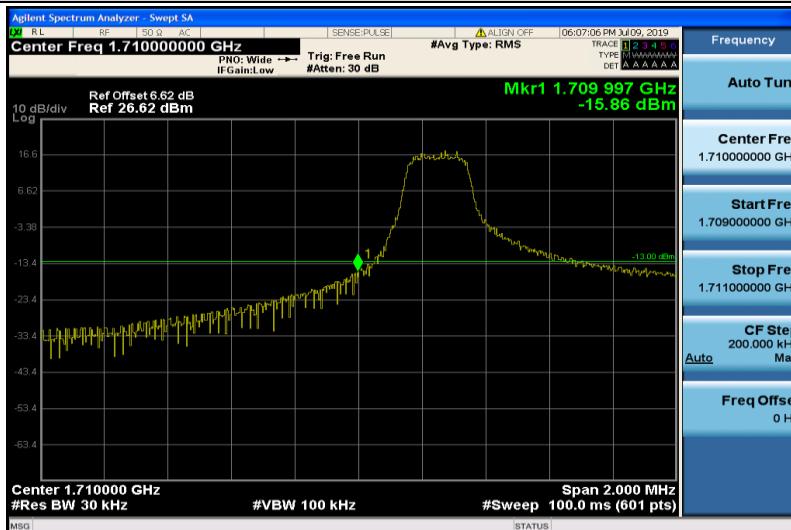
### Band4-1.4MHz-QPSK-20393-1RB#5



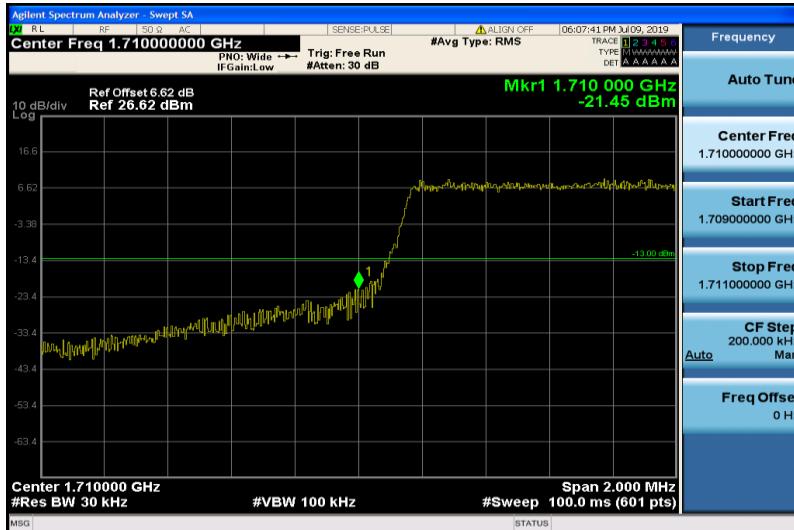
### Band4-1.4MHz-QPSK-20393-6RB#0



### 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



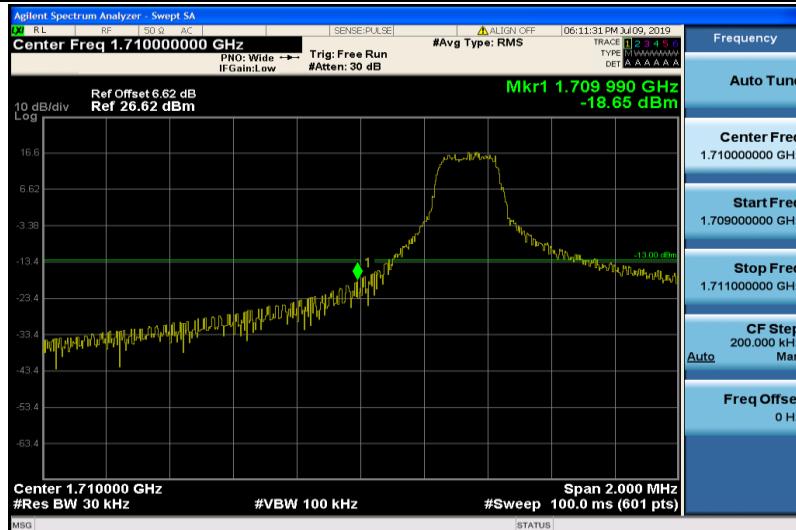
### Band4-3MHz-QPSK-20385-1RB#14



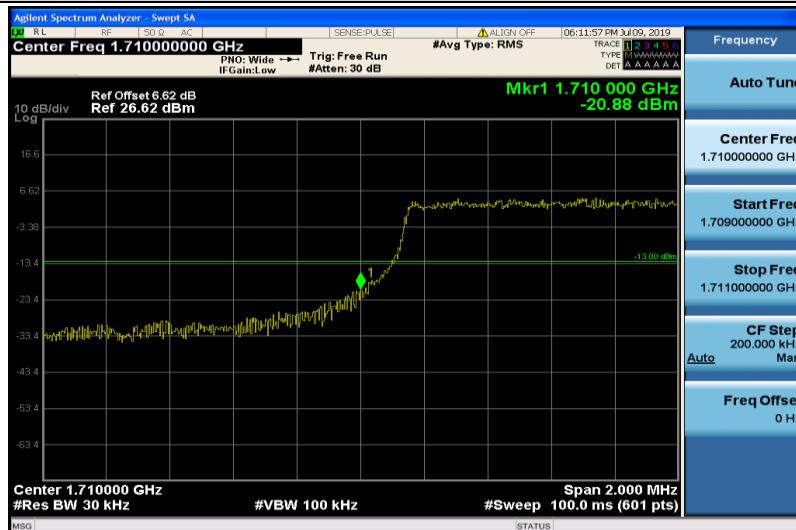
### Band4-3MHz-QPSK-20385-15RB#0

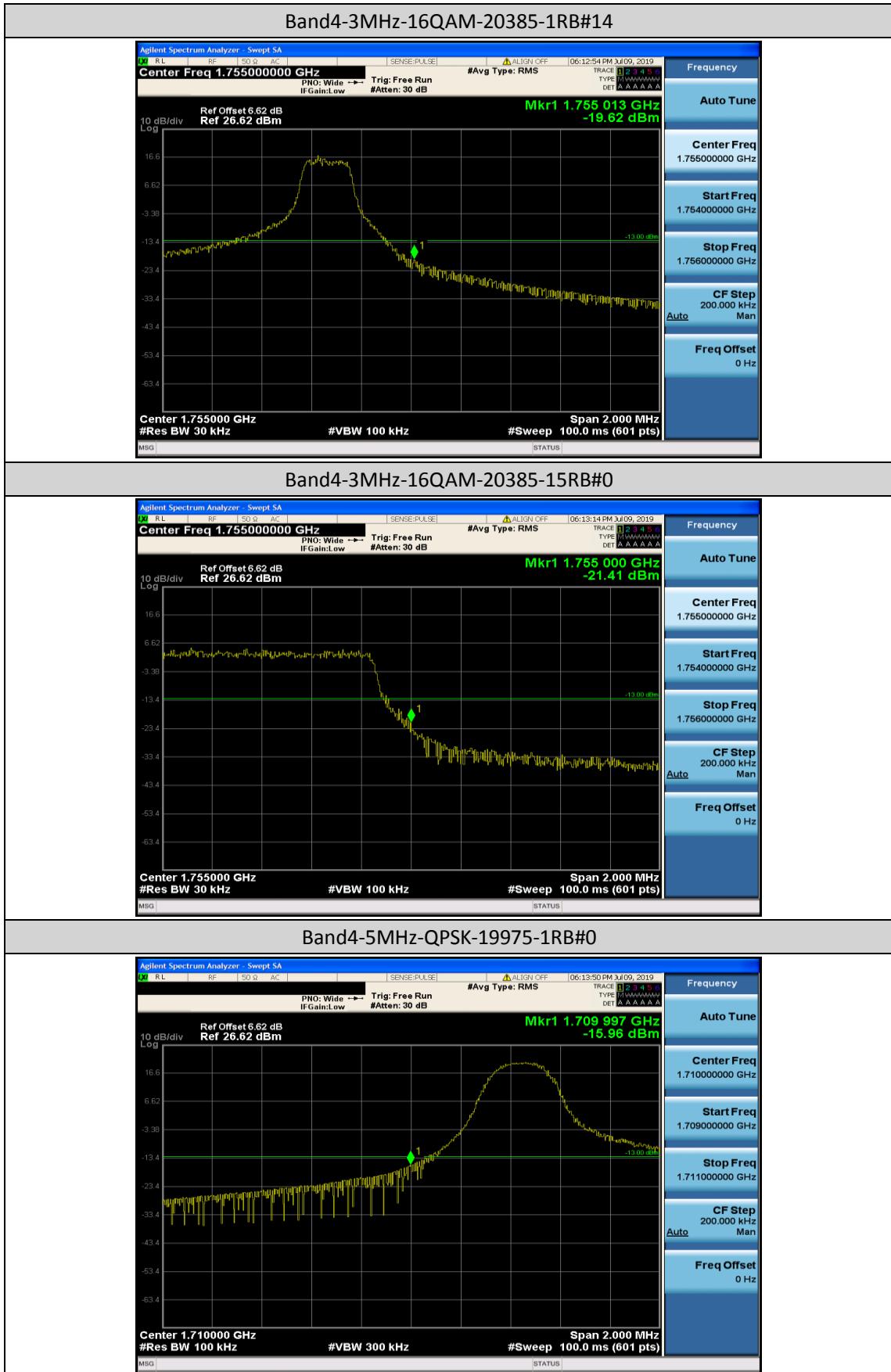


### Band4-3MHz-16QAM-19965-1RB#0



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





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



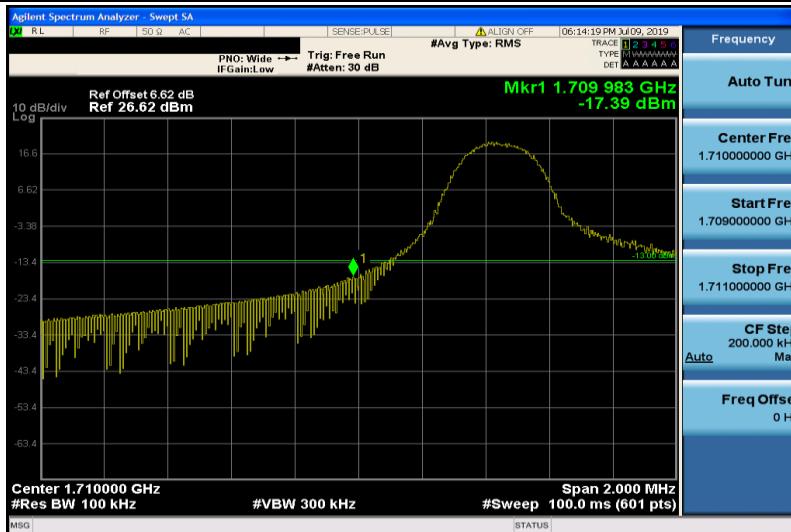
### Band4-5MHz-QPSK-20375-1RB#24



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



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

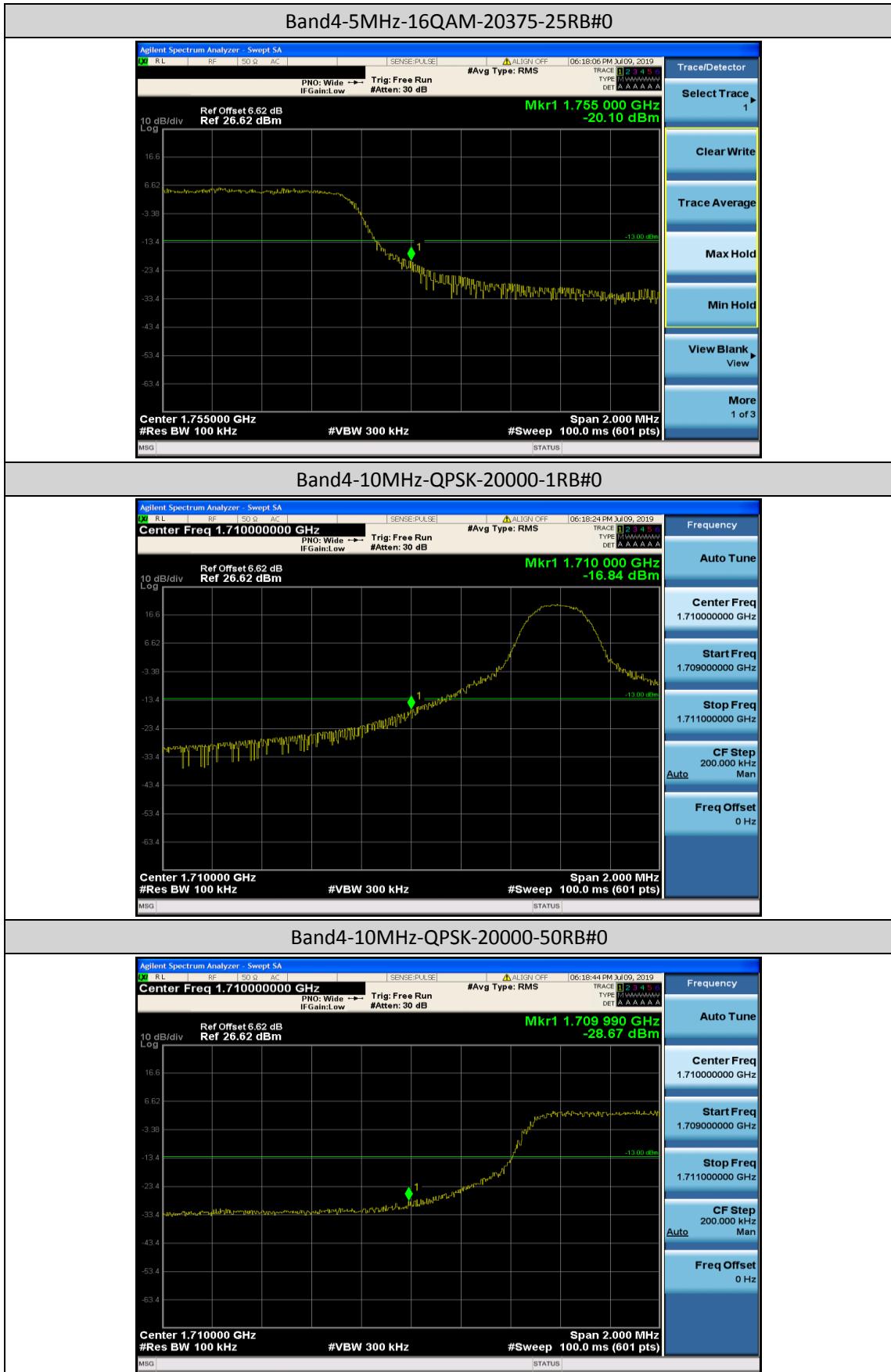


### Band4-5MHz-16QAM-19975-25RB#0



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





### Band4-10MHz-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

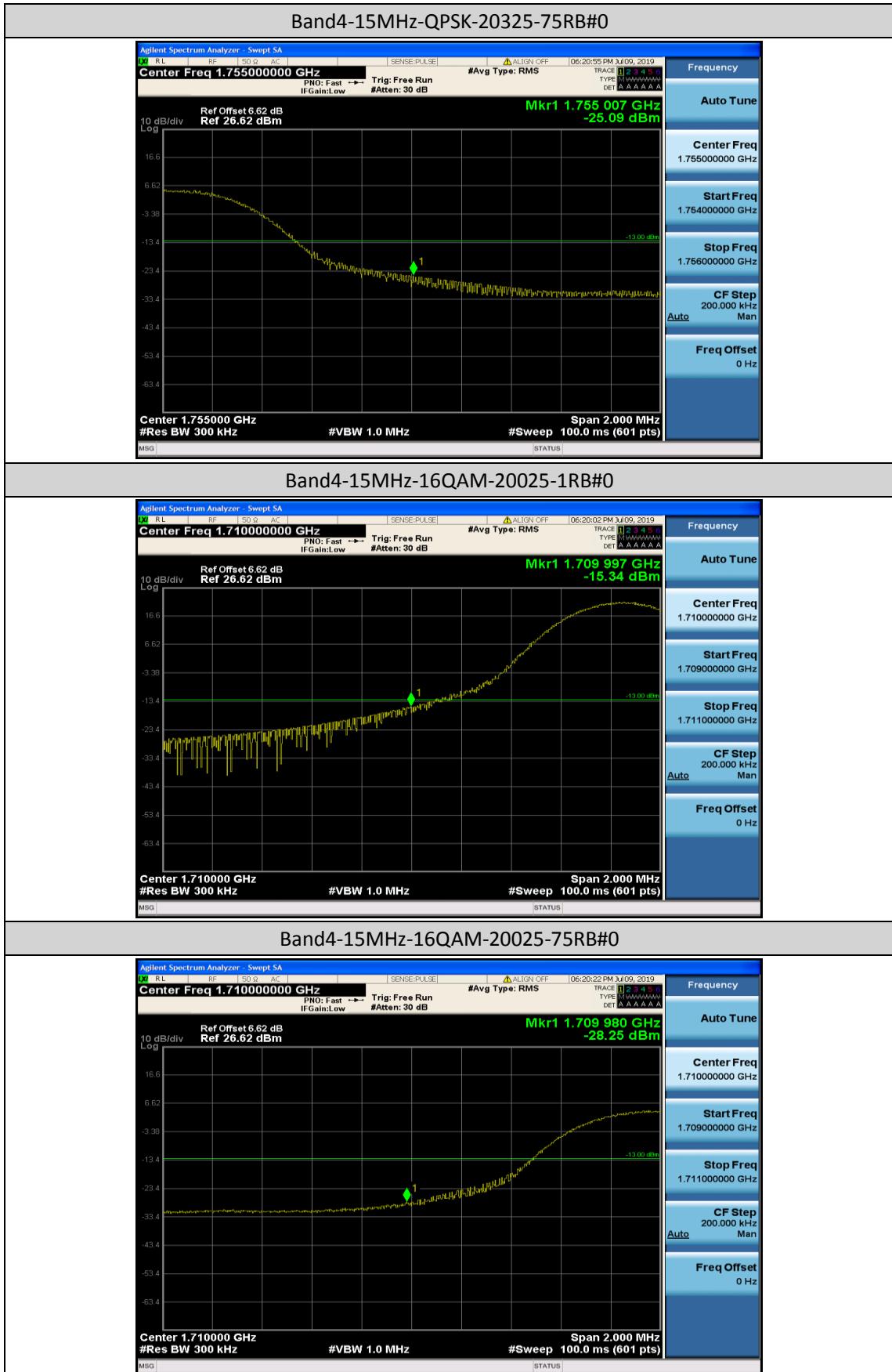


### Band4-15MHz-QPSK-20025-75RB#0



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





### Band4-15MHz-16QAM-20325-1RB#74

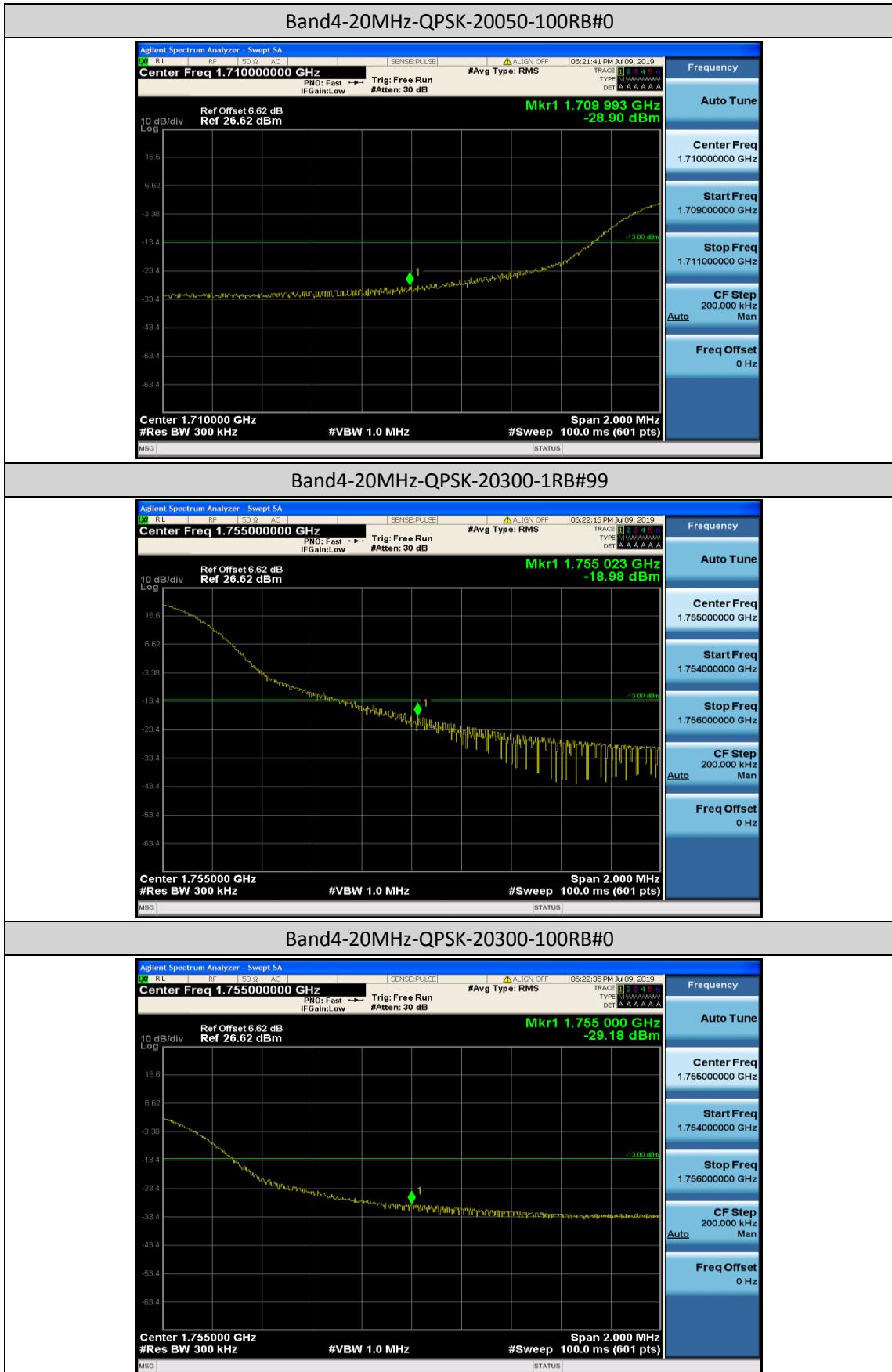


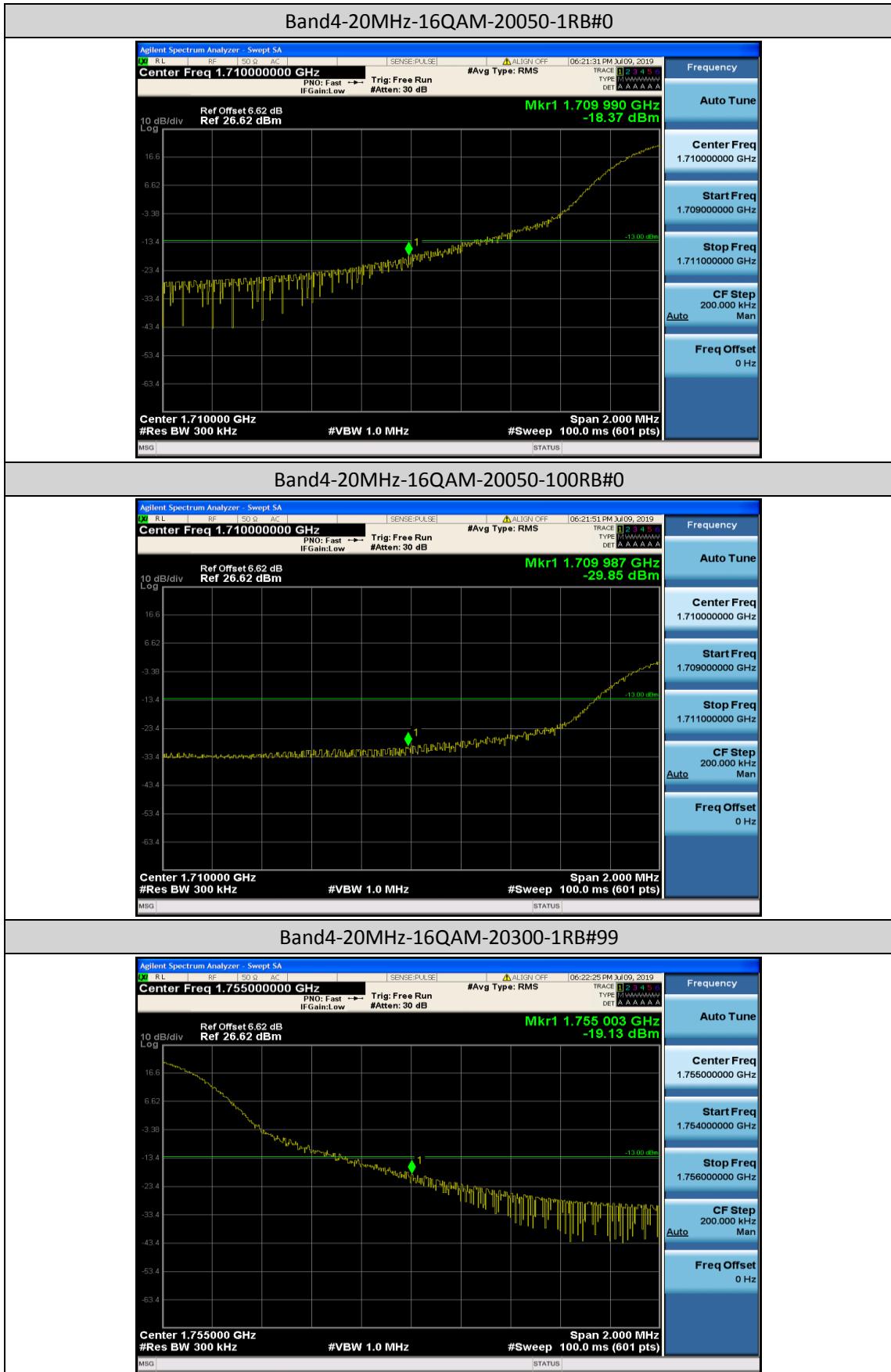
### Band4-15MHz-16QAM-20325-75RB#0



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









## 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	-53.41	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	1000~26000MHz	-38.5	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	30~1000MHz	-54.76	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	1000~26000MHz	-38.48	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	30~1000MHz	-54.51	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	1000~26000MHz	-38.52	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	30~1000MHz	-54.16	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	1000~26000MHz	-38.42	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	30~1000MHz	-54.36	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	1000~26000MHz	-38.62	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	30~1000MHz	-53.75	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	1000~26000MHz	-38.41	PASS
Band4	3MHz	QPSK	19965	1RB#0	30~1000MHz	-53.81	PASS
Band4	3MHz	QPSK	19965	1RB#0	1000~26000MHz	-38.46	PASS
Band4	3MHz	QPSK	20175	1RB#0	30~1000MHz	-54.7	PASS
Band4	3MHz	QPSK	20175	1RB#0	1000~26000MHz	-38.65	PASS
Band4	3MHz	QPSK	20385	1RB#0	30~1000MHz	-54.43	PASS
Band4	3MHz	QPSK	20385	1RB#0	1000~26000MHz	-38.56	PASS
Band4	3MHz	16QAM	19965	1RB#0	30~1000MHz	-53.83	PASS
Band4	3MHz	16QAM	19965	1RB#0	1000~26000MHz	-38.57	PASS
Band4	3MHz	16QAM	20175	1RB#0	30~1000MHz	-54.47	PASS
Band4	3MHz	16QAM	20175	1RB#0	1000~26000MHz	-38.55	PASS
Band4	3MHz	16QAM	20385	1RB#0	30~1000MHz	-54.65	PASS
Band4	3MHz	16QAM	20385	1RB#0	1000~26000MHz	-38.52	PASS
Band4	5MHz	QPSK	19975	1RB#0	30~1000MHz	-54.89	PASS
Band4	5MHz	QPSK	19975	1RB#0	1000~26000MHz	-38.3	PASS
Band4	5MHz	QPSK	20175	1RB#0	30~1000MHz	-54.46	PASS
Band4	5MHz	QPSK	20175	1RB#0	1000~26000MHz	-38.38	PASS
Band4	5MHz	QPSK	20375	1RB#0	30~1000MHz	-53.98	PASS
Band4	5MHz	QPSK	20375	1RB#0	1000~26000MHz	-38.32	PASS
Band4	5MHz	16QAM	19975	1RB#0	30~1000MHz	-53.76	PASS
Band4	5MHz	16QAM	19975	1RB#0	1000~26000MHz	-38.46	PASS
Band4	5MHz	16QAM	20175	1RB#0	30~1000MHz	-53.75	PASS
Band4	5MHz	16QAM	20175	1RB#0	1000~26000MHz	-38.64	PASS
Band4	5MHz	16QAM	20375	1RB#0	30~1000MHz	-54.28	PASS

Band4	5MHz	16QAM	20375	1RB#0	1000~26000MHz	-38.3	PASS
Band4	10MHz	QPSK	20000	1RB#0	30~1000MHz	-53.92	PASS
Band4	10MHz	QPSK	20000	1RB#0	1000~26000MHz	-38.36	PASS
Band4	10MHz	QPSK	20175	1RB#0	30~1000MHz	-53.82	PASS
Band4	10MHz	QPSK	20175	1RB#0	1000~26000MHz	-38.49	PASS
Band4	10MHz	QPSK	20350	1RB#0	30~1000MHz	-54.51	PASS
Band4	10MHz	QPSK	20350	1RB#0	1000~26000MHz	-38.47	PASS
Band4	10MHz	16QAM	20000	1RB#0	30~1000MHz	-54.33	PASS
Band4	10MHz	16QAM	20000	1RB#0	1000~26000MHz	-38.35	PASS
Band4	10MHz	16QAM	20175	1RB#0	30~1000MHz	-54.48	PASS
Band4	10MHz	16QAM	20175	1RB#0	1000~26000MHz	-38.37	PASS
Band4	10MHz	16QAM	20350	1RB#0	30~1000MHz	-54.85	PASS
Band4	10MHz	16QAM	20350	1RB#0	1000~26000MHz	-38.59	PASS
Band4	15MHz	QPSK	20025	1RB#0	30~1000MHz	-54.43	PASS
Band4	15MHz	QPSK	20025	1RB#0	1000~26000MHz	-38.03	PASS
Band4	15MHz	QPSK	20175	1RB#0	30~1000MHz	-53.44	PASS
Band4	15MHz	QPSK	20175	1RB#0	1000~26000MHz	-38.4	PASS
Band4	15MHz	QPSK	20325	1RB#0	30~1000MHz	-54.18	PASS
Band4	15MHz	QPSK	20325	1RB#0	1000~26000MHz	-38.34	PASS
Band4	15MHz	16QAM	20025	1RB#0	30~1000MHz	-53.76	PASS
Band4	15MHz	16QAM	20025	1RB#0	1000~26000MHz	-38.19	PASS
Band4	15MHz	16QAM	20175	1RB#0	30~1000MHz	-54.58	PASS
Band4	15MHz	16QAM	20175	1RB#0	1000~26000MHz	-38.48	PASS
Band4	15MHz	16QAM	20325	1RB#0	30~1000MHz	-53.88	PASS
Band4	15MHz	16QAM	20325	1RB#0	1000~26000MHz	-38.46	PASS
Band4	20MHz	QPSK	20050	1RB#0	30~1000MHz	-54.06	PASS
Band4	20MHz	QPSK	20050	1RB#0	1000~26000MHz	-38.6	PASS
Band4	20MHz	QPSK	20175	1RB#0	30~1000MHz	-53.46	PASS
Band4	20MHz	QPSK	20175	1RB#0	1000~26000MHz	-38.33	PASS
Band4	20MHz	QPSK	20300	1RB#0	30~1000MHz	-54.37	PASS
Band4	20MHz	QPSK	20300	1RB#0	1000~26000MHz	-38.68	PASS
Band4	20MHz	16QAM	20050	1RB#0	30~1000MHz	-54.33	PASS
Band4	20MHz	16QAM	20050	1RB#0	1000~26000MHz	-38.49	PASS
Band4	20MHz	16QAM	20175	1RB#0	30~1000MHz	-54.57	PASS
Band4	20MHz	16QAM	20175	1RB#0	1000~26000MHz	-38.48	PASS
Band4	20MHz	16QAM	20300	1RB#0	30~1000MHz	-54.18	PASS
Band4	20MHz	16QAM	20300	1RB#0	1000~26000MHz	-38.52	PASS