



Appendix I: Test Data for E-UTRA Band 4

Product Name: APOLLO

Test Model: APOLLO 7PRO

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
Supervised by:	Ling Zhu



I.1 Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	21.94	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	21.94	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	21.92	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	21.76	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	21.75	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	21.78	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	20.78	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.04	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.07	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.10	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	21.90	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	21.89	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	21.93	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	20.89	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	21.80	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.71	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	21.78	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	21.74	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	21.80	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	21.75	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.76	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.90	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.11	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.75	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	20.72	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	20.78	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	20.88	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.88	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	20.95	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.17	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	20.92	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	20.97	PASS



Band4	1.4MHz	16QAM	20175	3RB#1	20.95	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	20.87	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.09	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.66	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	20.79	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	20.72	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	20.74	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	20.79	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	20.73	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	19.68	PASS
Band4	3MHz	QPSK	19965	1RB#0	21.80	PASS
Band4	3MHz	QPSK	19965	1RB#8	21.77	PASS
Band4	3MHz	QPSK	19965	1RB#14	21.83	PASS
Band4	3MHz	QPSK	19965	8RB#0	20.90	PASS
Band4	3MHz	QPSK	19965	8RB#4	20.89	PASS
Band4	3MHz	QPSK	19965	8RB#7	20.90	PASS
Band4	3MHz	QPSK	19965	15RB#0	20.96	PASS
Band4	3MHz	QPSK	20175	1RB#0	21.85	PASS
Band4	3MHz	QPSK	20175	1RB#8	21.99	PASS
Band4	3MHz	QPSK	20175	1RB#14	21.82	PASS
Band4	3MHz	QPSK	20175	8RB#0	20.94	PASS
Band4	3MHz	QPSK	20175	8RB#4	20.94	PASS
Band4	3MHz	QPSK	20175	8RB#7	20.93	PASS
Band4	3MHz	QPSK	20175	15RB#0	20.94	PASS
Band4	3MHz	QPSK	20385	1RB#0	21.84	PASS
Band4	3MHz	QPSK	20385	1RB#8	21.75	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.79	PASS
Band4	3MHz	QPSK	20385	8RB#0	20.82	PASS
Band4	3MHz	QPSK	20385	8RB#4	20.83	PASS
Band4	3MHz	QPSK	20385	8RB#7	20.86	PASS
Band4	3MHz	QPSK	20385	15RB#0	20.76	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.19	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.05	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.11	PASS
Band4	3MHz	16QAM	19965	8RB#0	19.97	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	19.97	PASS



Band4	3MHz	16QAM	19965	15RB#0	20.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.21	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.25	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.13	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.06	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.05	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.03	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.10	PASS
Band4	3MHz	16QAM	20385	1RB#0	20.80	PASS
Band4	3MHz	16QAM	20385	1RB#8	20.71	PASS
Band4	3MHz	16QAM	20385	1RB#14	20.62	PASS
Band4	3MHz	16QAM	20385	8RB#0	19.88	PASS
Band4	3MHz	16QAM	20385	8RB#4	19.89	PASS
Band4	3MHz	16QAM	20385	8RB#7	19.93	PASS
Band4	3MHz	16QAM	20385	15RB#0	19.75	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.02	PASS
Band4	5MHz	QPSK	19975	1RB#12	21.96	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.03	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.04	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.01	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	20.96	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.24	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.17	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.04	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.07	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.09	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.09	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.11	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.07	PASS
Band4	5MHz	QPSK	20375	1RB#12	21.99	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.01	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.04	PASS
Band4	5MHz	QPSK	20375	12RB#6	21.05	PASS
Band4	5MHz	QPSK	20375	12RB#13	20.95	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.08	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.07	PASS



Band4	5MHz	16QAM	19975	1RB#12	21.10	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.05	PASS
Band4	5MHz	16QAM	19975	12RB#0	20.07	PASS
Band4	5MHz	16QAM	19975	12RB#6	20.13	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.04	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.01	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.17	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.15	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.06	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.20	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.16	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.15	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.18	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.34	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.17	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.12	PASS
Band4	5MHz	16QAM	20375	12RB#0	20.21	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.22	PASS
Band4	5MHz	16QAM	20375	12RB#13	20.07	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.07	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.16	PASS
Band4	10MHz	QPSK	20000	1RB#24	21.77	PASS
Band4	10MHz	QPSK	20000	1RB#49	21.89	PASS
Band4	10MHz	QPSK	20000	25RB#0	20.97	PASS
Band4	10MHz	QPSK	20000	25RB#12	20.98	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.04	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.09	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.16	PASS
Band4	10MHz	QPSK	20175	1RB#24	21.93	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.37	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.05	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.05	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.17	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.11	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.41	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.13	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.18	PASS



Band4	10MHz	QPSK	20350	25RB#0	21.12	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.13	PASS
Band4	10MHz	QPSK	20350	25RB#25	21.25	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.15	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.39	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.09	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.41	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.08	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.07	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.07	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.11	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.37	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.26	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.57	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.10	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.10	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.21	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.15	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.59	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.29	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.62	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.17	PASS
Band4	10MHz	16QAM	20350	25RB#12	20.17	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.19	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.25	PASS
Band4	15MHz	QPSK	20025	1RB#0	21.77	PASS
Band4	15MHz	QPSK	20025	1RB#38	21.68	PASS
Band4	15MHz	QPSK	20025	1RB#74	21.66	PASS
Band4	15MHz	QPSK	20025	38RB#0	20.84	PASS
Band4	15MHz	QPSK	20025	38RB#18	20.84	PASS
Band4	15MHz	QPSK	20025	38RB#37	20.84	PASS
Band4	15MHz	QPSK	20025	75RB#0	20.84	PASS
Band4	15MHz	QPSK	20175	1RB#0	21.92	PASS
Band4	15MHz	QPSK	20175	1RB#38	21.89	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.83	PASS
Band4	15MHz	QPSK	20175	38RB#0	20.85	PASS
Band4	15MHz	QPSK	20175	38RB#18	20.92	PASS



Band4	15MHz	QPSK	20175	38RB#37	20.90	PASS
Band4	15MHz	QPSK	20175	75RB#0	20.88	PASS
Band4	15MHz	QPSK	20325	1RB#0	21.74	PASS
Band4	15MHz	QPSK	20325	1RB#38	21.72	PASS
Band4	15MHz	QPSK	20325	1RB#74	21.67	PASS
Band4	15MHz	QPSK	20325	38RB#0	20.77	PASS
Band4	15MHz	QPSK	20325	38RB#18	20.77	PASS
Band4	15MHz	QPSK	20325	38RB#37	20.77	PASS
Band4	15MHz	QPSK	20325	75RB#0	20.77	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.03	PASS
Band4	15MHz	16QAM	20025	1RB#38	20.92	PASS
Band4	15MHz	16QAM	20025	1RB#74	20.83	PASS
Band4	15MHz	16QAM	20025	38RB#0	20.79	PASS
Band4	15MHz	16QAM	20025	38RB#18	20.84	PASS
Band4	15MHz	16QAM	20025	38RB#37	20.84	PASS
Band4	15MHz	16QAM	20025	75RB#0	19.81	PASS
Band4	15MHz	16QAM	20175	1RB#0	20.95	PASS
Band4	15MHz	16QAM	20175	1RB#38	20.97	PASS
Band4	15MHz	16QAM	20175	1RB#74	21.01	PASS
Band4	15MHz	16QAM	20175	38RB#0	20.92	PASS
Band4	15MHz	16QAM	20175	38RB#18	20.92	PASS
Band4	15MHz	16QAM	20175	38RB#37	20.92	PASS
Band4	15MHz	16QAM	20175	75RB#0	19.91	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.05	PASS
Band4	15MHz	16QAM	20325	1RB#38	20.95	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.01	PASS
Band4	15MHz	16QAM	20325	38RB#0	20.77	PASS
Band4	15MHz	16QAM	20325	38RB#18	20.77	PASS
Band4	15MHz	16QAM	20325	38RB#37	20.77	PASS
Band4	15MHz	16QAM	20325	75RB#0	19.89	PASS
Band4	20MHz	QPSK	20050	1RB#0	21.65	PASS
Band4	20MHz	QPSK	20050	1RB#49	21.80	PASS
Band4	20MHz	QPSK	20050	1RB#99	21.70	PASS
Band4	20MHz	QPSK	20050	50RB#0	20.85	PASS
Band4	20MHz	QPSK	20050	50RB#25	20.83	PASS
Band4	20MHz	QPSK	20050	50RB#50	20.69	PASS
Band4	20MHz	QPSK	20050	100RB#0	20.85	PASS



Band4	20MHz	QPSK	20175	1RB#0	21.79	PASS
Band4	20MHz	QPSK	20175	1RB#49	21.87	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.93	PASS
Band4	20MHz	QPSK	20175	50RB#0	20.93	PASS
Band4	20MHz	QPSK	20175	50RB#25	20.89	PASS
Band4	20MHz	QPSK	20175	50RB#50	20.90	PASS
Band4	20MHz	QPSK	20175	100RB#0	20.90	PASS
Band4	20MHz	QPSK	20300	1RB#0	21.67	PASS
Band4	20MHz	QPSK	20300	1RB#49	21.70	PASS
Band4	20MHz	QPSK	20300	1RB#99	21.61	PASS
Band4	20MHz	QPSK	20300	50RB#0	20.86	PASS
Band4	20MHz	QPSK	20300	50RB#25	20.83	PASS
Band4	20MHz	QPSK	20300	50RB#50	20.86	PASS
Band4	20MHz	QPSK	20300	100RB#0	20.79	PASS
Band4	20MHz	16QAM	20050	1RB#0	20.77	PASS
Band4	20MHz	16QAM	20050	1RB#49	20.88	PASS
Band4	20MHz	16QAM	20050	1RB#99	20.70	PASS
Band4	20MHz	16QAM	20050	50RB#0	19.80	PASS
Band4	20MHz	16QAM	20050	50RB#25	19.79	PASS
Band4	20MHz	16QAM	20050	50RB#50	19.78	PASS
Band4	20MHz	16QAM	20050	100RB#0	19.83	PASS
Band4	20MHz	16QAM	20175	1RB#0	20.85	PASS
Band4	20MHz	16QAM	20175	1RB#49	20.95	PASS
Band4	20MHz	16QAM	20175	1RB#99	20.95	PASS
Band4	20MHz	16QAM	20175	50RB#0	19.93	PASS
Band4	20MHz	16QAM	20175	50RB#25	19.95	PASS
Band4	20MHz	16QAM	20175	50RB#50	19.95	PASS
Band4	20MHz	16QAM	20175	100RB#0	19.93	PASS
Band4	20MHz	16QAM	20300	1RB#0	20.86	PASS
Band4	20MHz	16QAM	20300	1RB#49	20.96	PASS
Band4	20MHz	16QAM	20300	1RB#99	20.88	PASS
Band4	20MHz	16QAM	20300	50RB#0	19.91	PASS
Band4	20MHz	16QAM	20300	50RB#25	19.92	PASS
Band4	20MHz	16QAM	20300	50RB#50	19.84	PASS
Band4	20MHz	16QAM	20300	100RB#0	19.72	PASS



I.2 Peak-to-Average Ratio(CCDF)

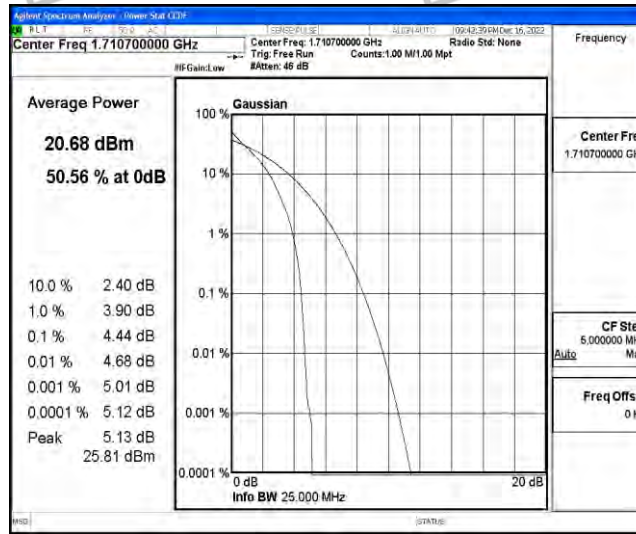
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	4.44	13	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	4.46	13	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	4.33	13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	5.28	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	5.29	13	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	5.24	13	PASS
Band4	3MHz	QPSK	19965	15RB#0	4.56	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	4.62	13	PASS
Band4	3MHz	QPSK	20385	15RB#0	4.46	13	PASS
Band4	3MHz	16QAM	19965	15RB#0	5.41	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	5.41	13	PASS
Band4	3MHz	16QAM	20385	15RB#0	5.36	13	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.53	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.54	13	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.37	13	PASS
Band4	5MHz	16QAM	19975	25RB#0	5.34	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	5.35	13	PASS
Band4	5MHz	16QAM	20375	25RB#0	5.23	13	PASS
Band4	10MHz	QPSK	20000	50RB#0	4.43	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	4.46	13	PASS
Band4	10MHz	QPSK	20350	50RB#0	4.38	13	PASS
Band4	10MHz	16QAM	20000	50RB#0	5.29	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	5.32	13	PASS
Band4	10MHz	16QAM	20350	50RB#0	5.20	13	PASS
Band4	15MHz	QPSK	20025	75RB#0	4.73	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	4.90	13	PASS
Band4	15MHz	QPSK	20325	75RB#0	4.74	13	PASS
Band4	15MHz	16QAM	20025	75RB#0	5.43	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	5.57	13	PASS
Band4	15MHz	16QAM	20325	75RB#0	5.45	13	PASS
Band4	20MHz	QPSK	20050	100RB#0	4.67	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.92	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.69	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.46	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.65	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.49	13	PASS

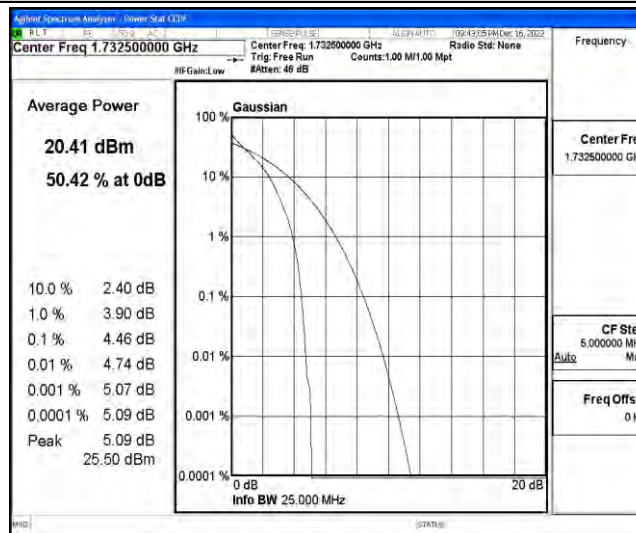


Test Graphs

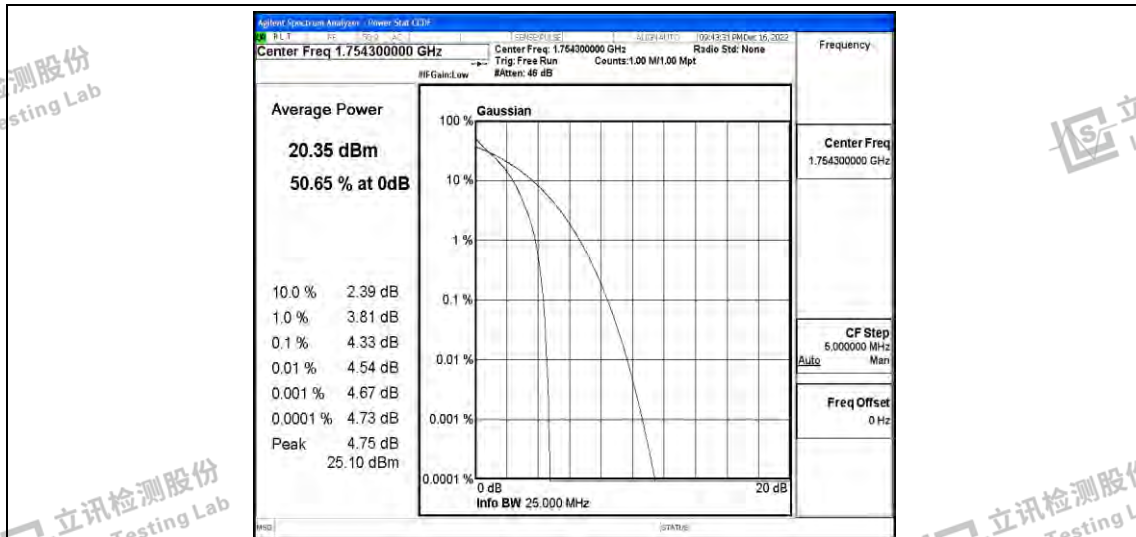
Band4-1.4MHz-QPSK-19957-6RB#0



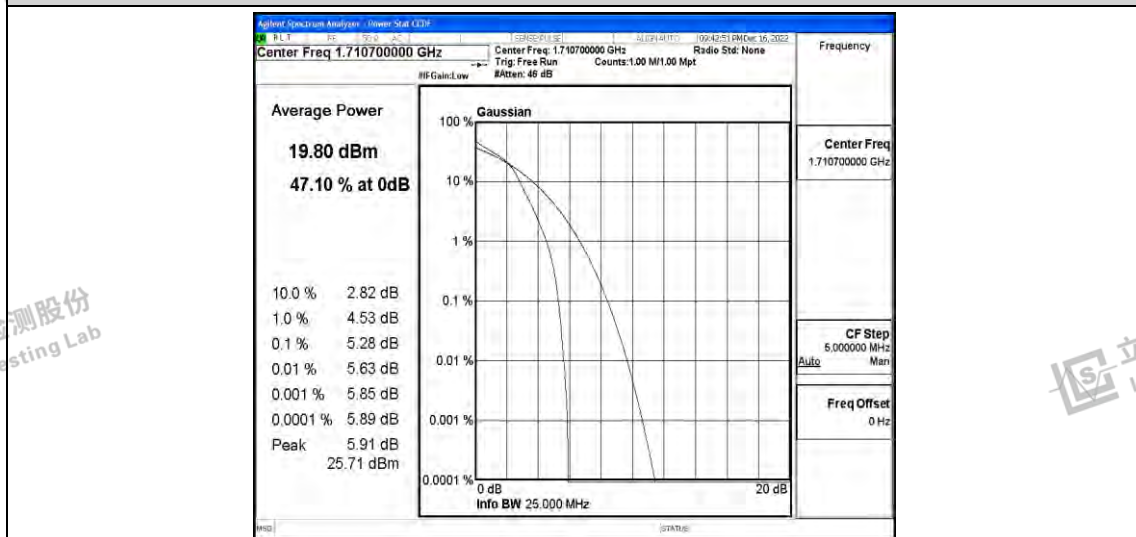
Band4-1.4MHz-QPSK-20175-6RB#0



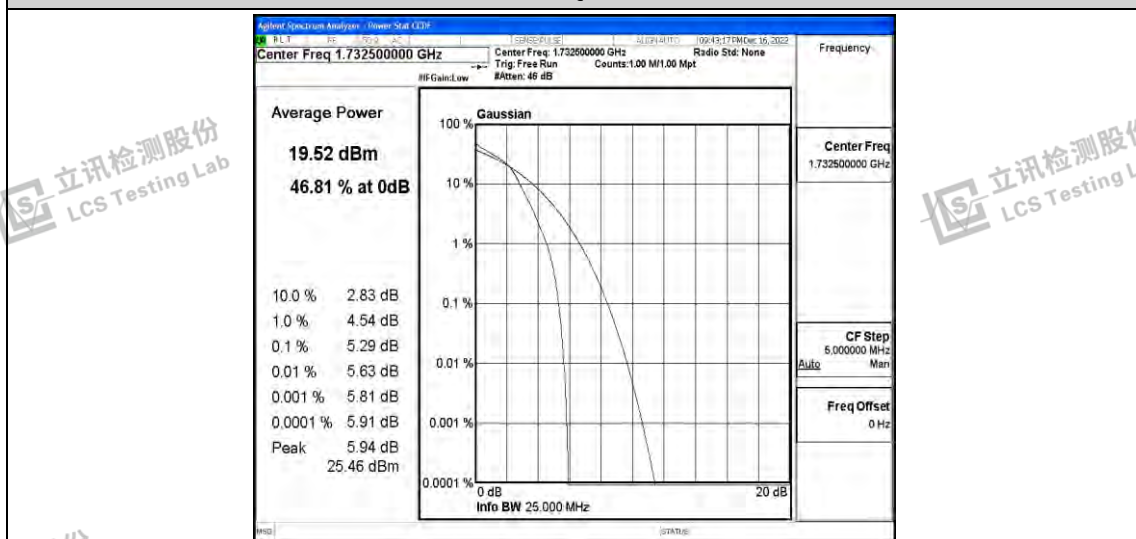
Band4-1.4MHz-QPSK-20393-6RB#0



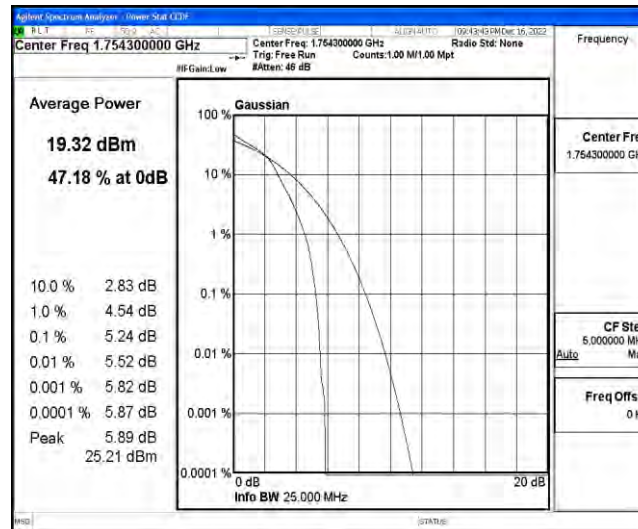
Band4-1.4MHz-16QAM-19957-6RB#0



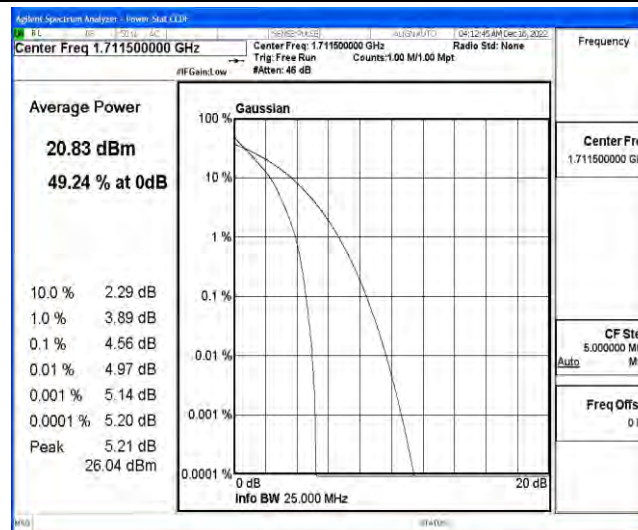
Band4-1.4MHz-16QAM-20175-6RB#0



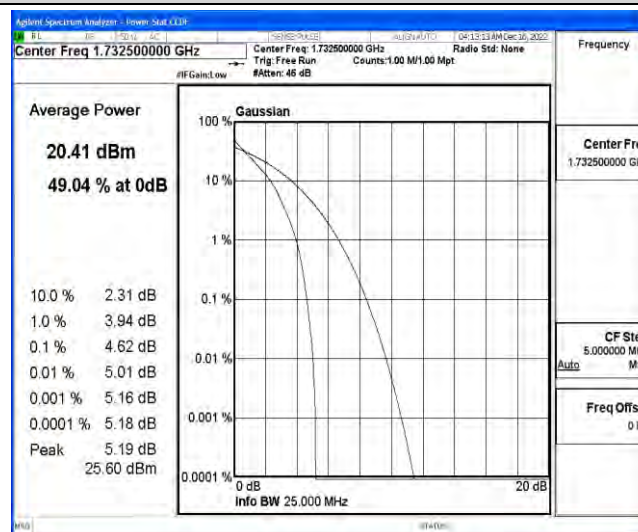
Band4-1.4MHz-16QAM-20393-6RB#0



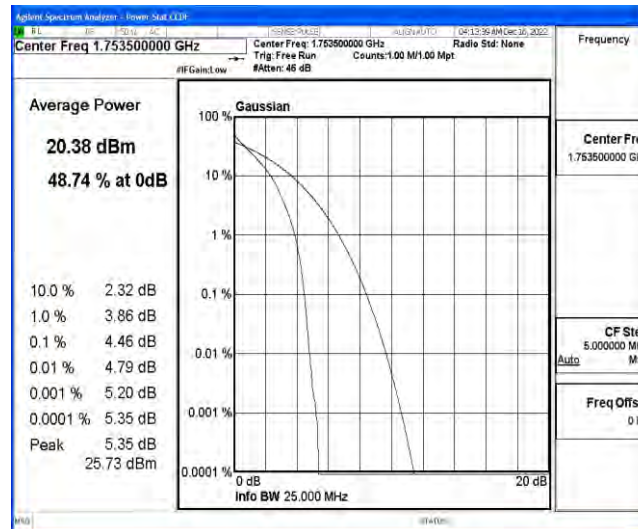
Band4-3MHz-QPSK-19965-15RB#0



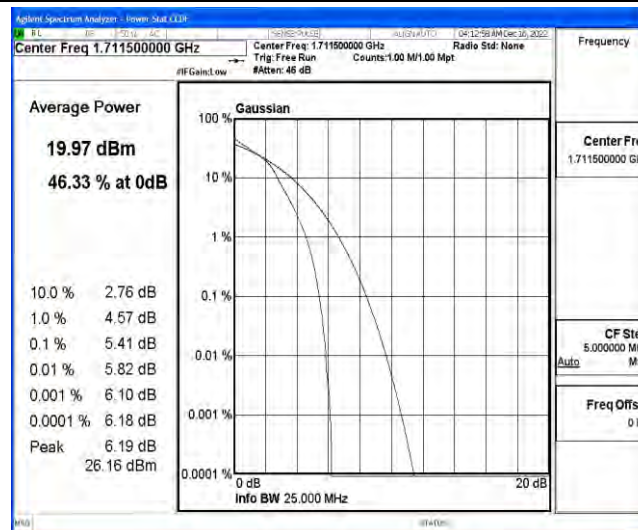
Band4-3MHz-QPSK-20175-15RB#0



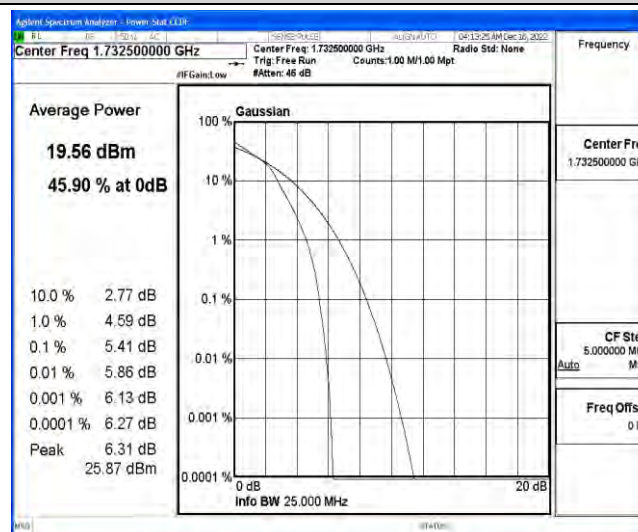
Band4-3MHz-QPSK-20385-15RB#0



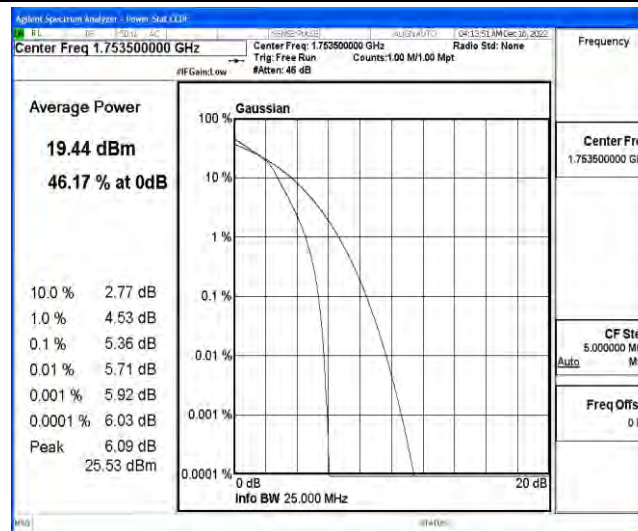
Band4-3MHz-16QAM-19965-15RB#0



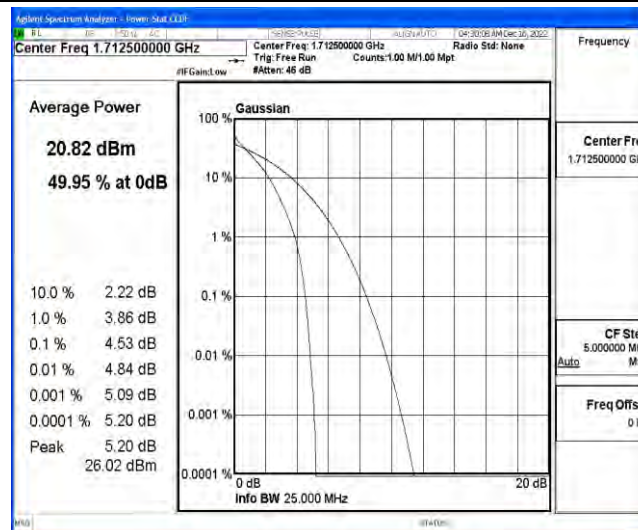
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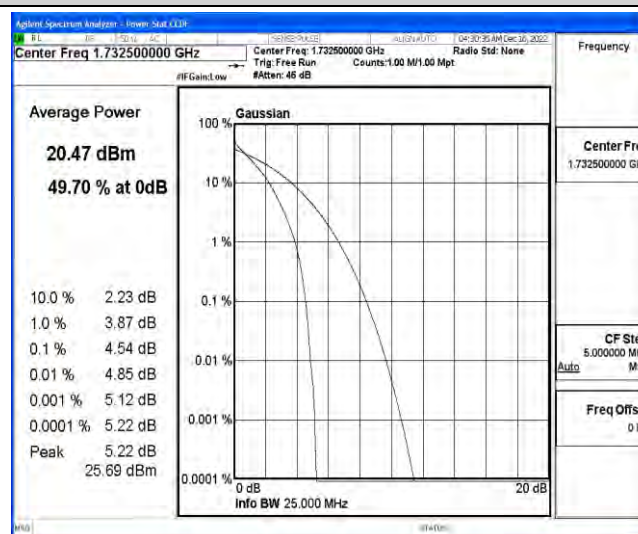
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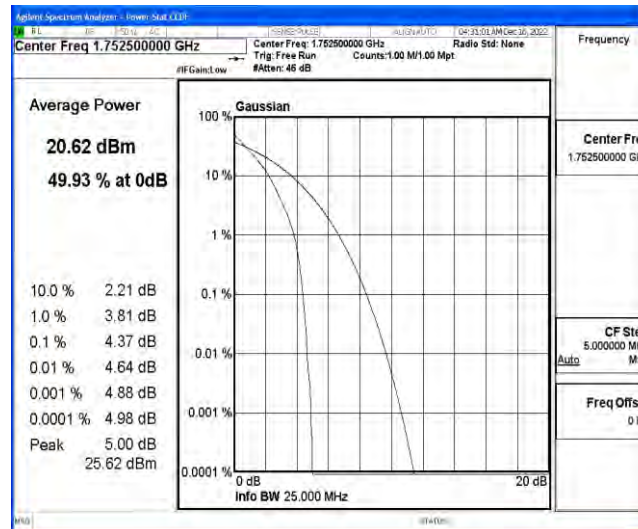
Band4-5MHz-QPSK-19975-25RB#0



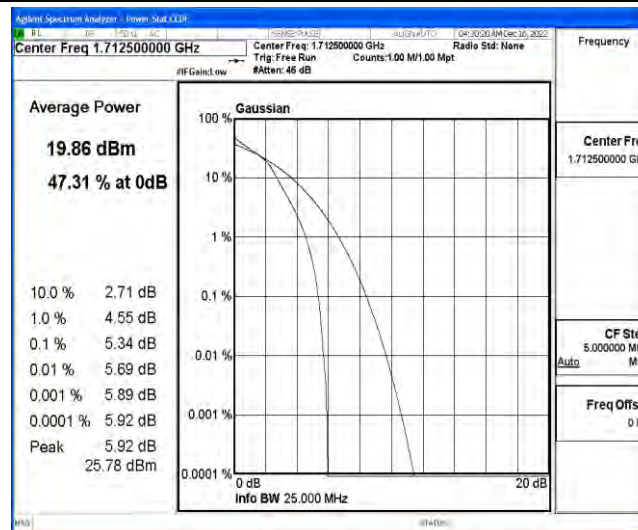
Band4-5MHz-QPSK-20175-25RB#0



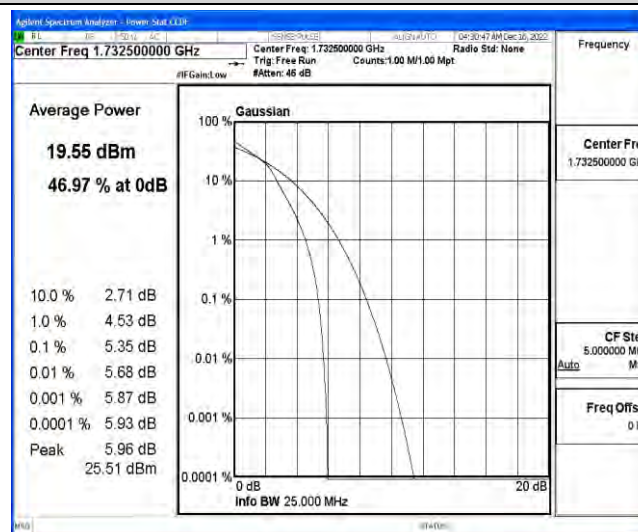
Band4-5MHz-QPSK-20375-25RB#0



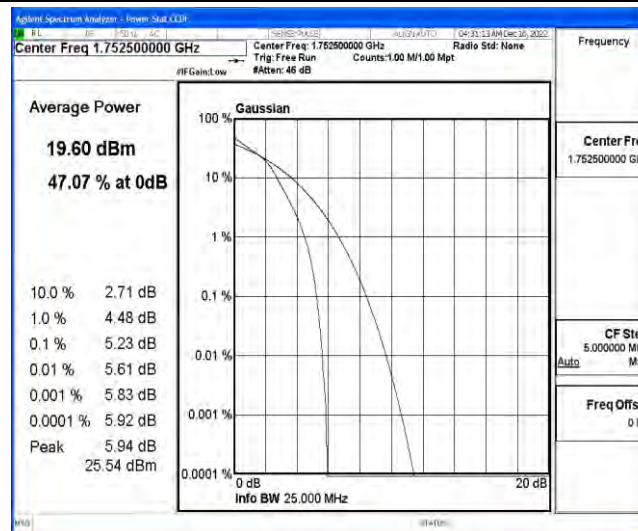
Band4-5MHz-16QAM-19975-25RB#0



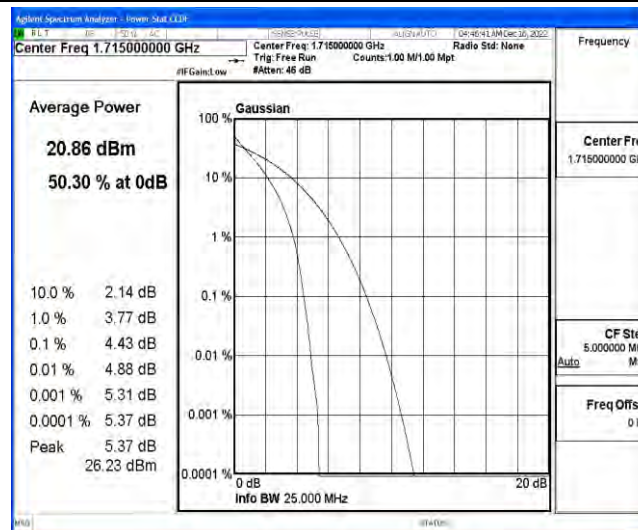
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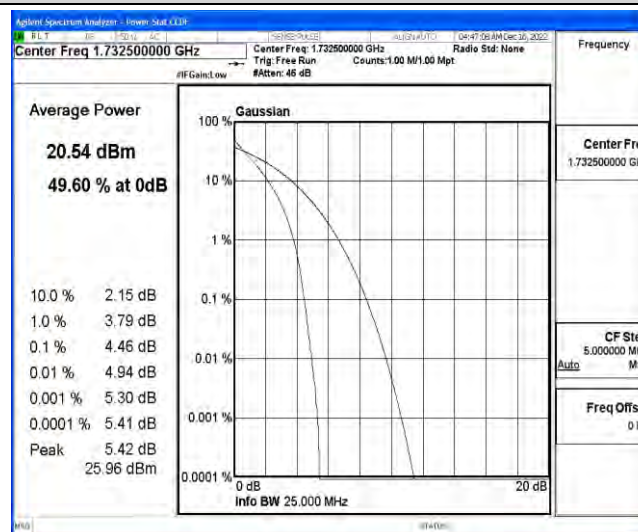
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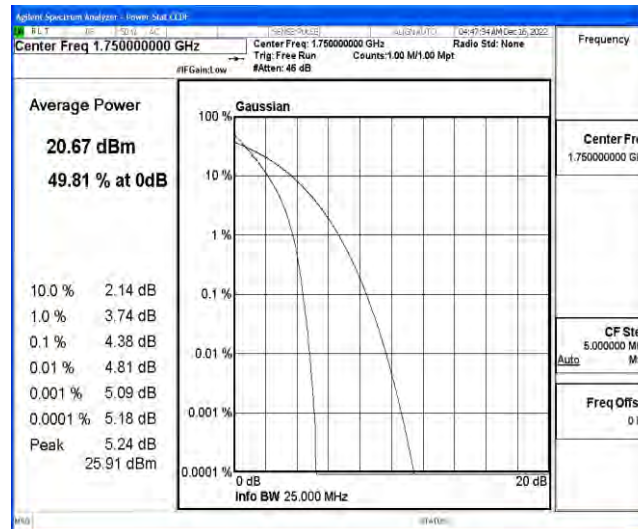
Band4-10MHz-QPSK-20000-50RB#0



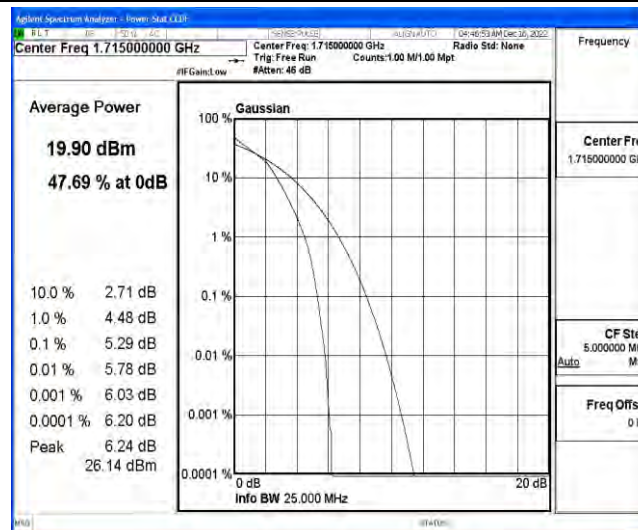
Band4-10MHz-QPSK-20175-50RB#0



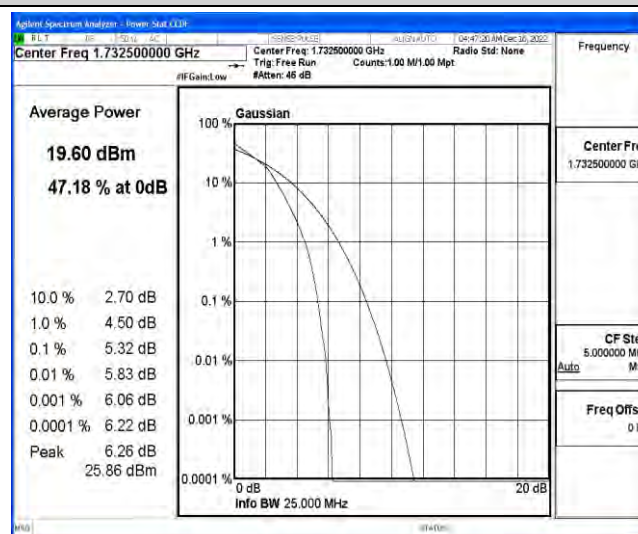
Band4-10MHz-QPSK-20350-50RB#0



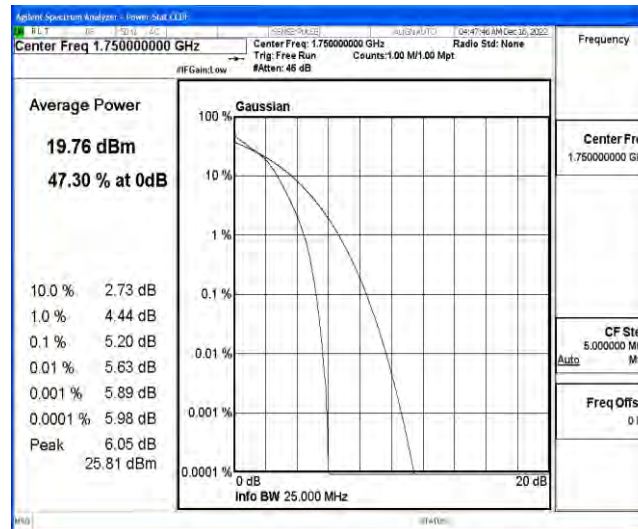
Band4-10MHz-16QAM-20000-50RB#0



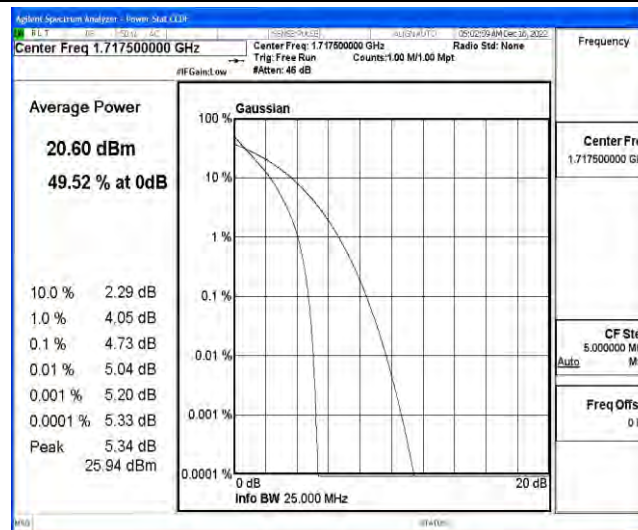
Band4-10MHz-16QAM-20175-50RB#0



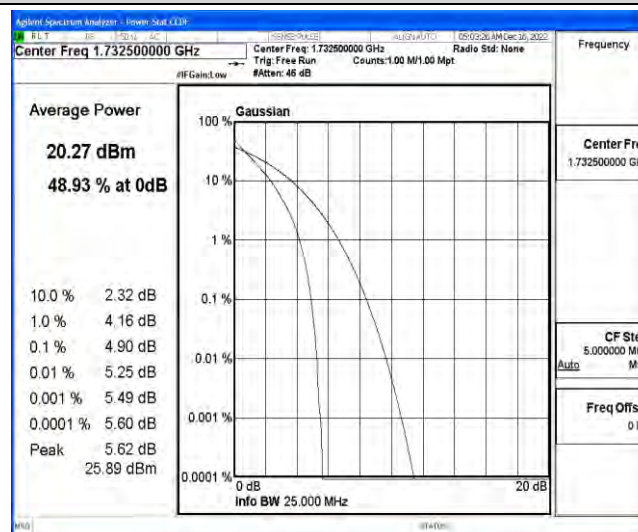
Band4-10MHz-16QAM-20350-50RB#0



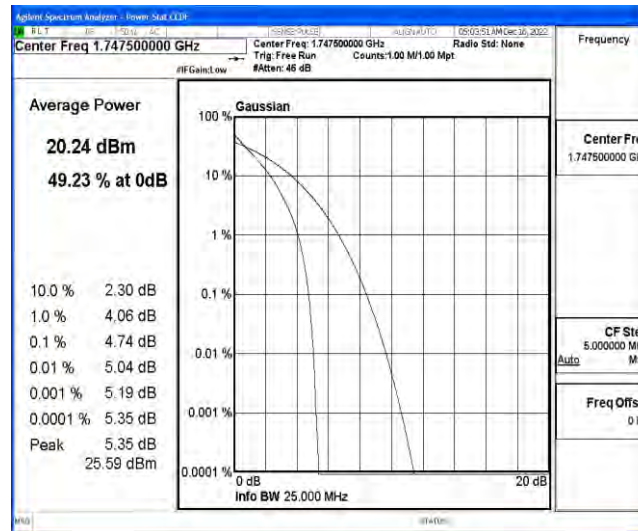
Band4-15MHz-QPSK-20025-75RB#0



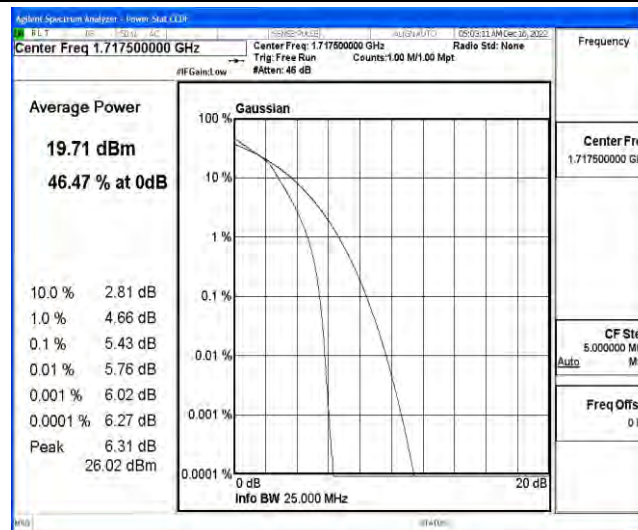
Band4-15MHz-QPSK-20175-75RB#0



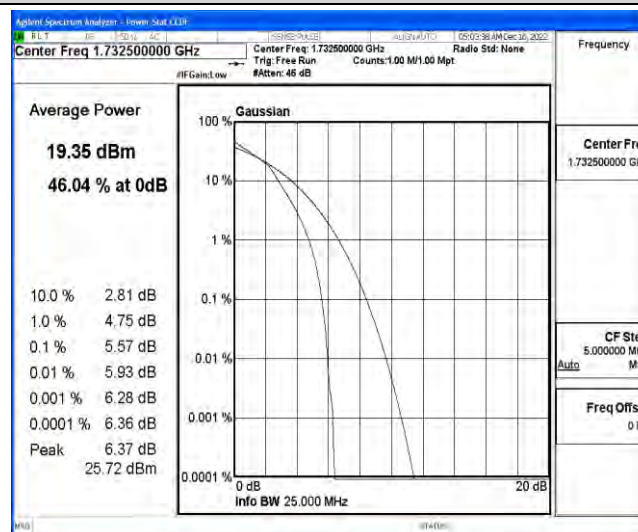
Band4-15MHz-QPSK-20325-75RB#0



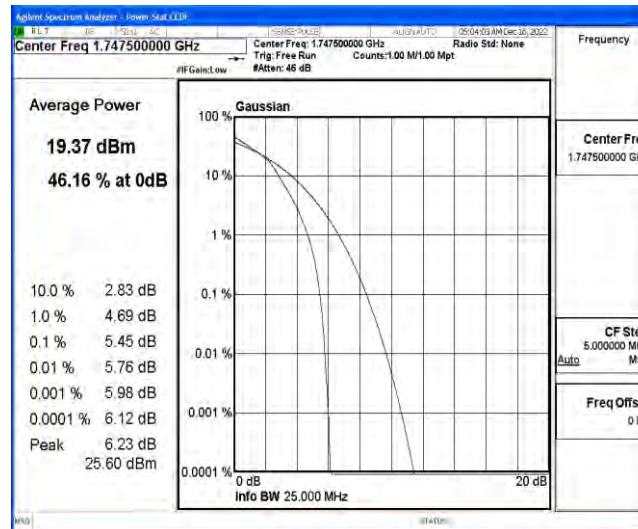
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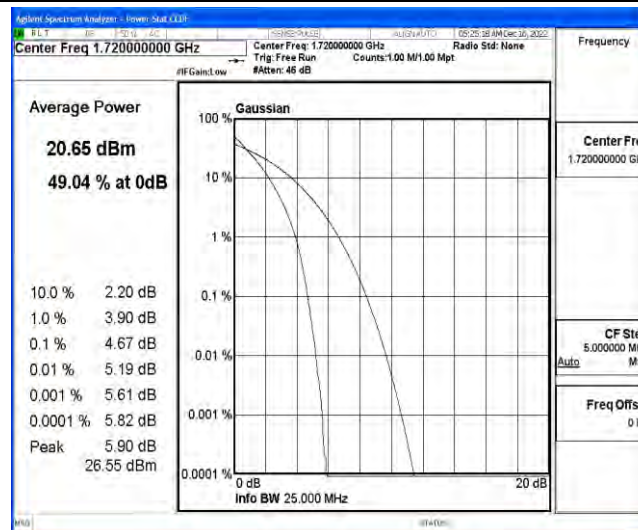
Band4-15MHz-16QAM-20175-75RB#0



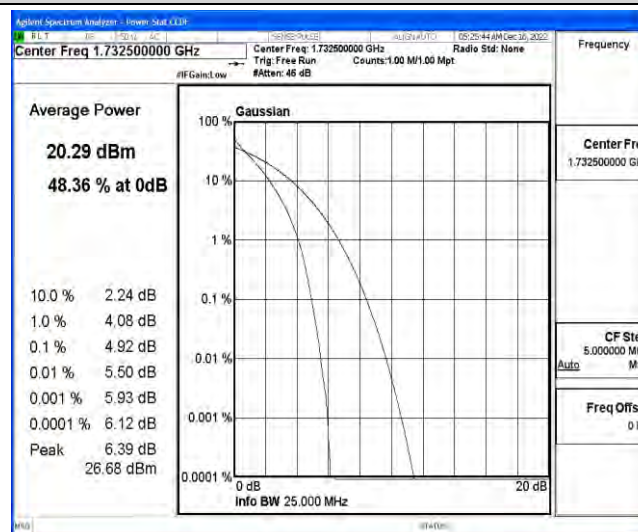
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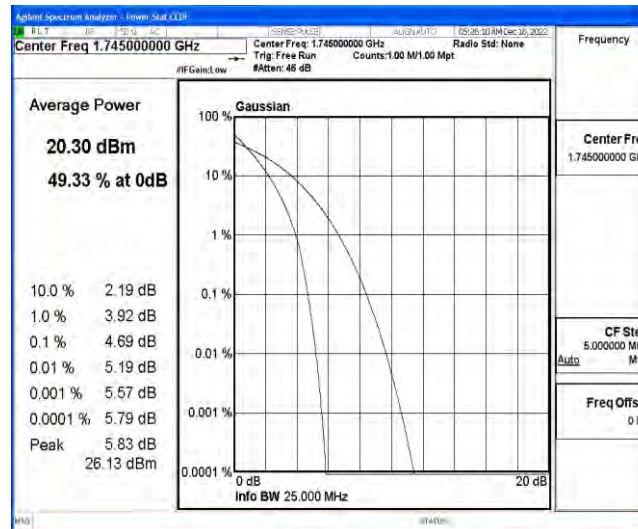
Band4-20MHz-QPSK-20050-100RB#0



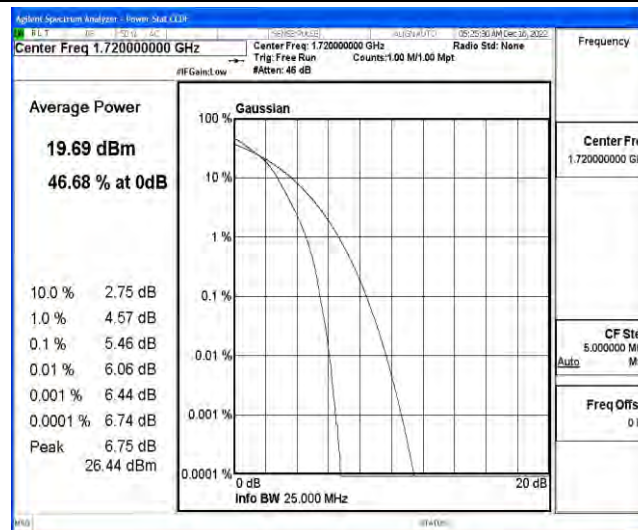
Band4-20MHz-QPSK-20175-100RB#0



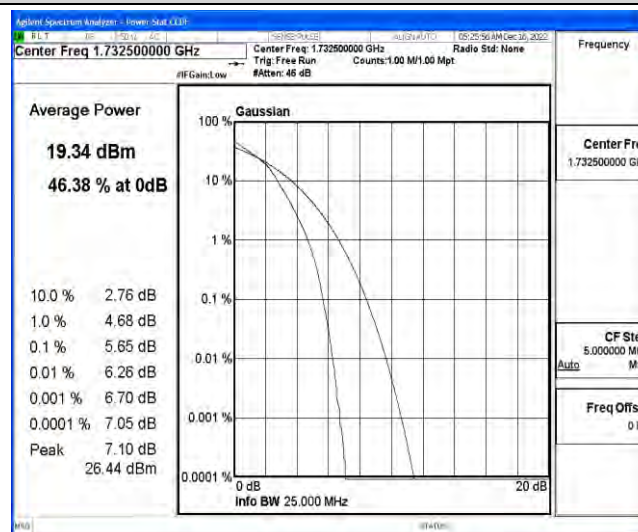
Band4-20MHz-QPSK-20300-100RB#0



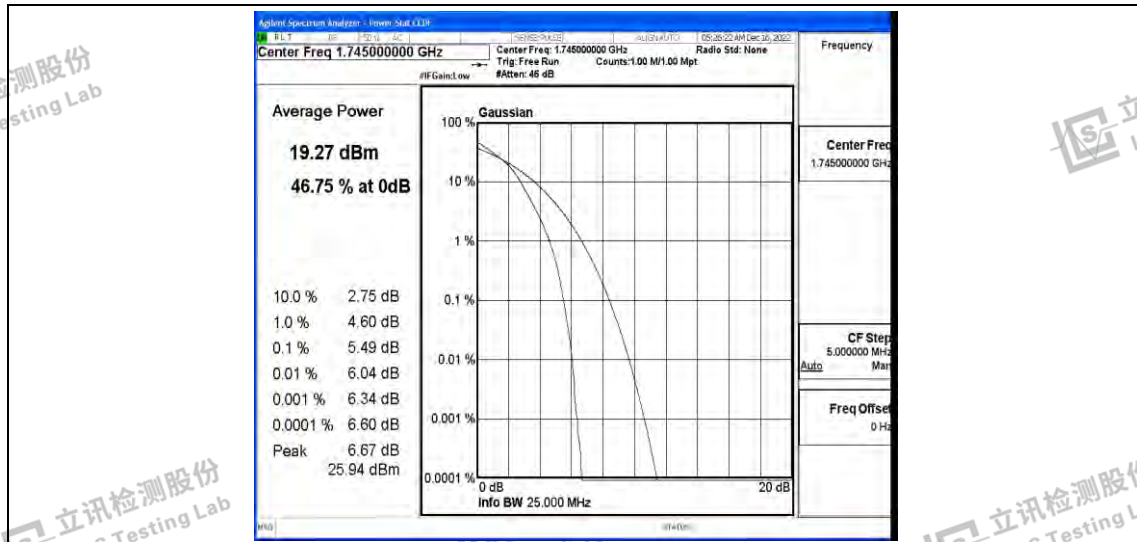
Band4-20MHz-16QAM-20050-100RB#0



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



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





I.3 26dB Bandwidth and Occupied Bandwidth

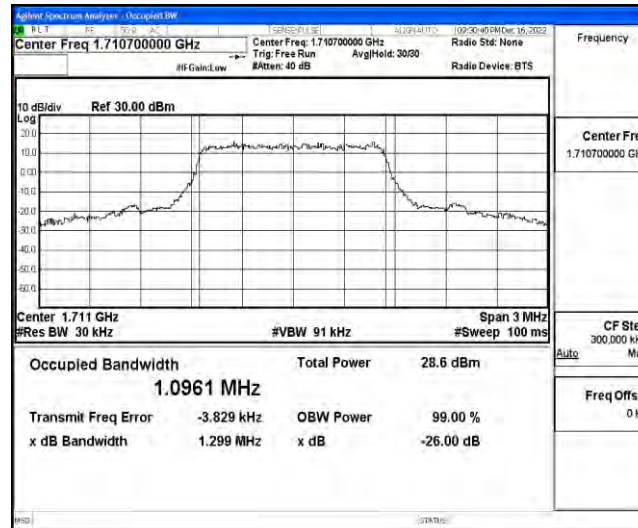
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.0961	1.299	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0999	1.330	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.1002	1.315	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0995	1.300	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.0994	1.310	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.0995	1.312	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.6997	2.953	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.6941	3.008	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7003	2.989	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6894	2.962	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.6983	2.991	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6974	2.999	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.5251	5.010	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5076	5.011	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.4994	5.004	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5023	5.029	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5031	4.998	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5170	5.028	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9909	10.11	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.0034	10.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.9778	9.867	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.9783	9.859	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.9595	9.886	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.9528	9.935	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.467	14.83	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.505	14.85	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.465	14.76	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.446	14.63	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.492	14.74	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.431	14.66	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.898	19.44	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.986	19.55	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.897	19.51	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.938	19.53	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.979	19.59	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.916	19.41	PASS

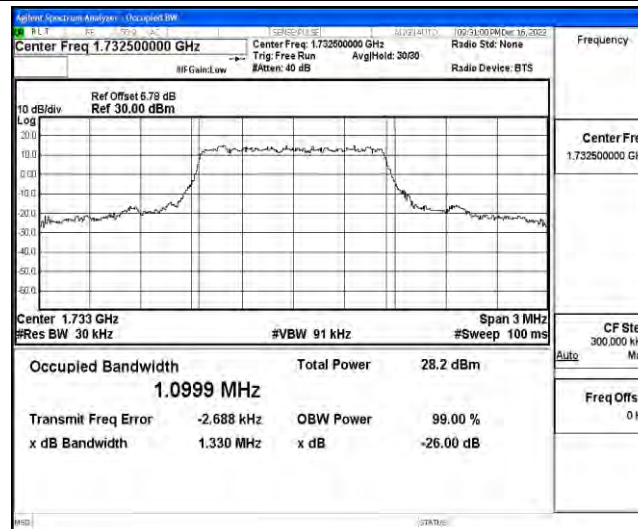


Test Graphs

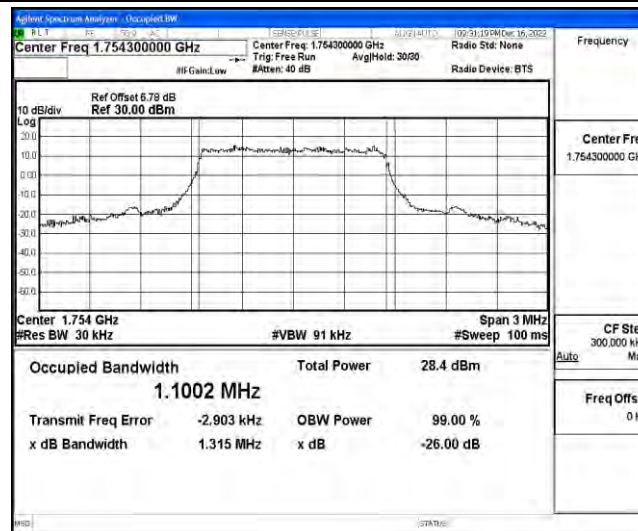
Band4-1.4MHz-QPSK-19957-6RB#0



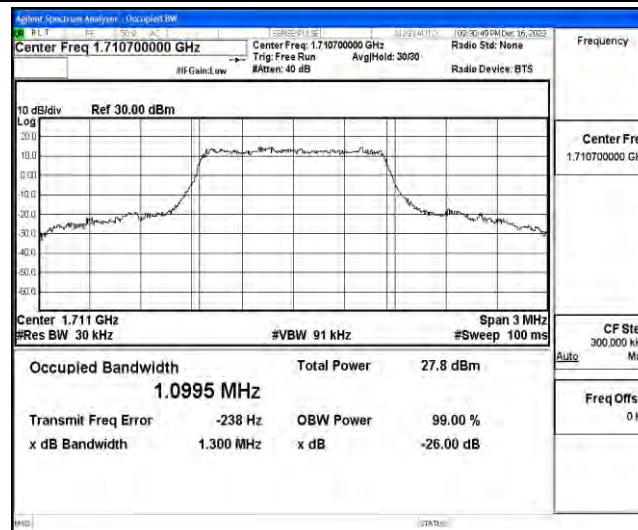
Band4-1.4MHz-QPSK-20175-6RB#0



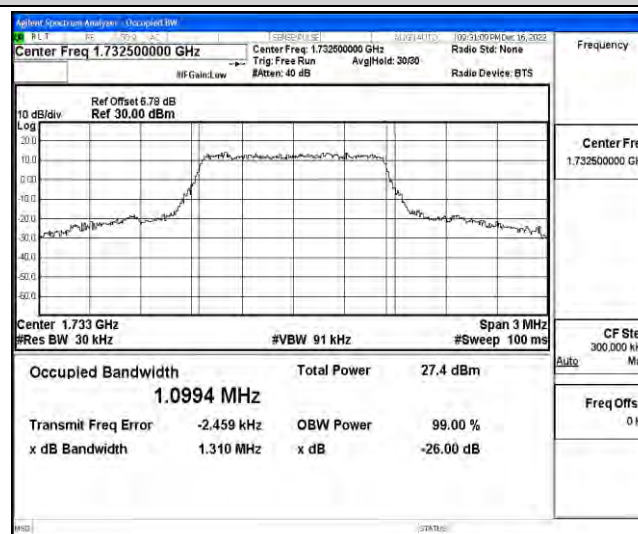
Band4-1.4MHz-QPSK-20393-6RB#0



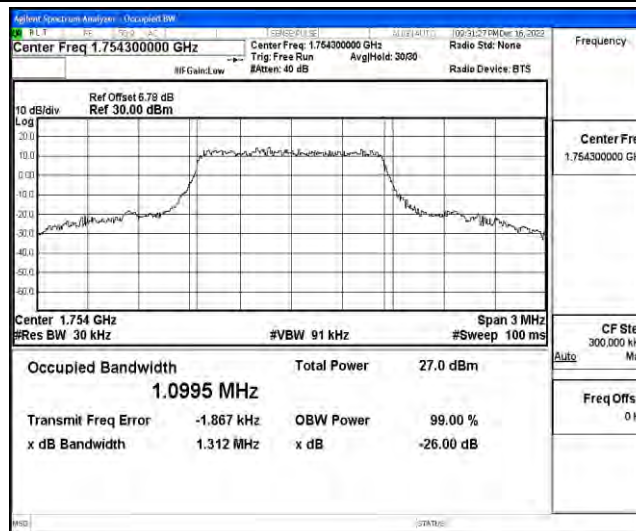
Band4-1.4MHz-16QAM-19957-6RB#0



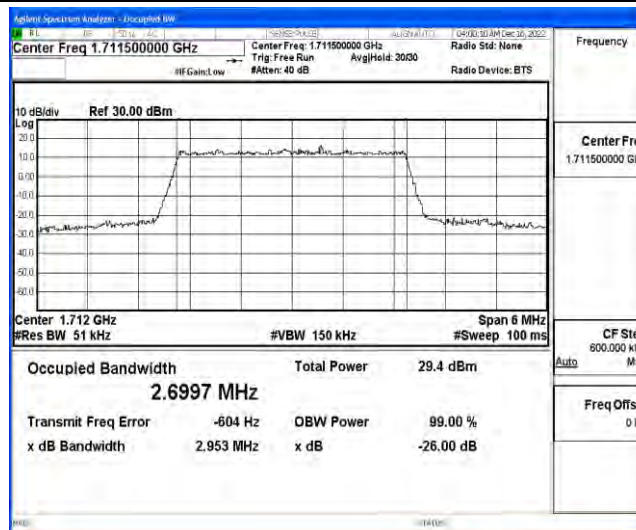
Band4-1.4MHz-16QAM-20175-6RB#0



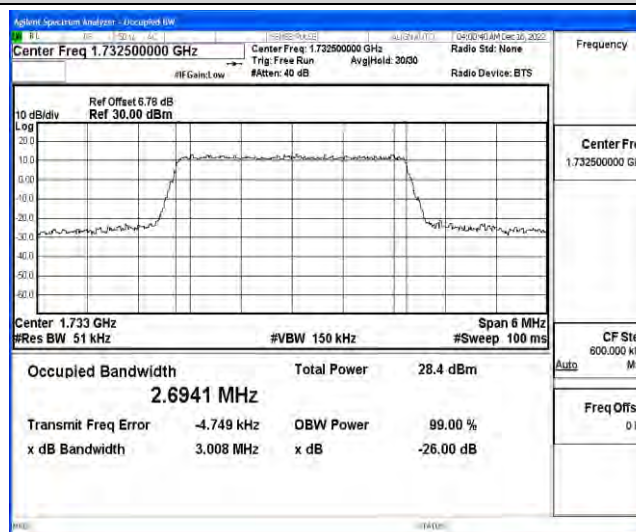
Band4-1.4MHz-16QAM-20393-6RB#0



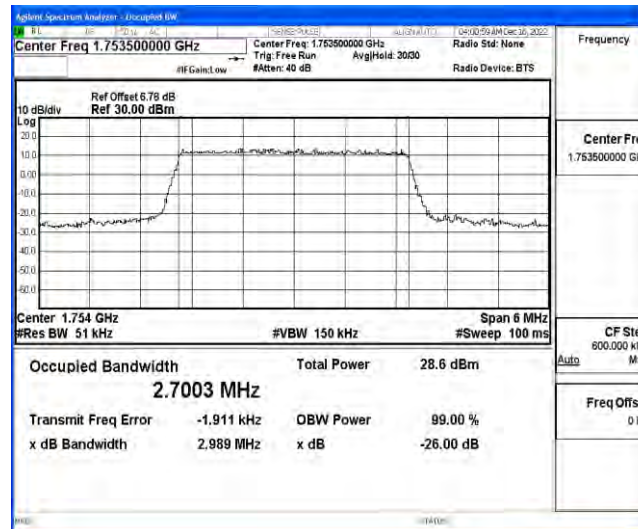
Band4-3MHz-QPSK-19965-15RB#0



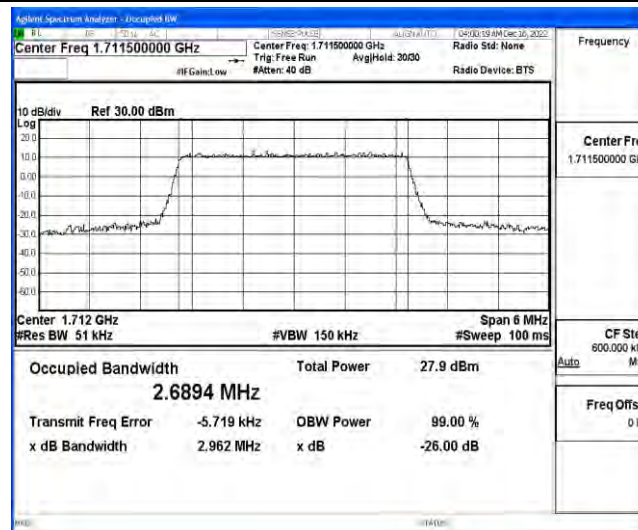
Band4-3MHz-QPSK-20175-15RB#0



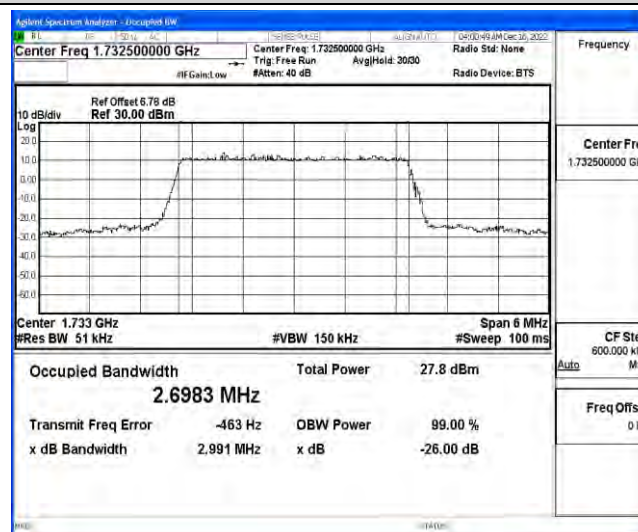
Band4-3MHz-QPSK-20385-15RB#0



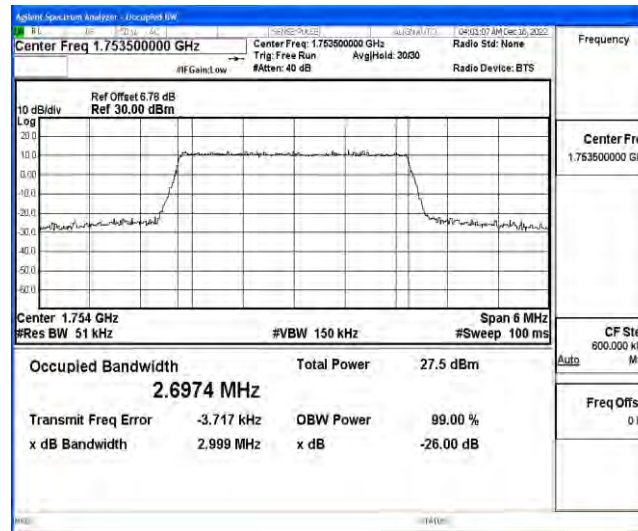
Band4-3MHz-16QAM-19965-15RB#0



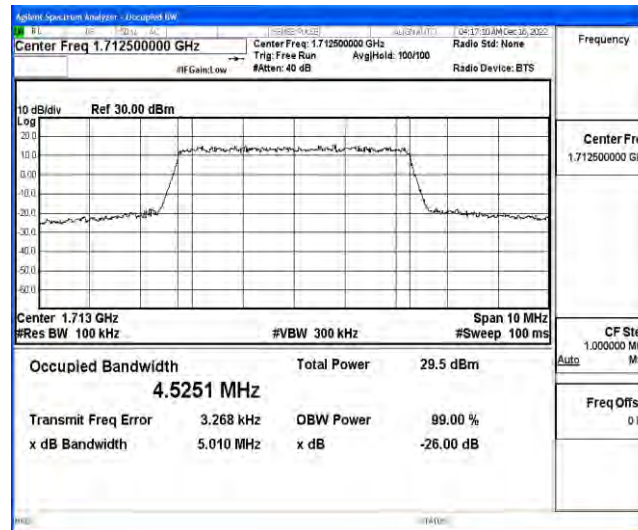
Band4-3MHz-16QAM-20175-15RB#0



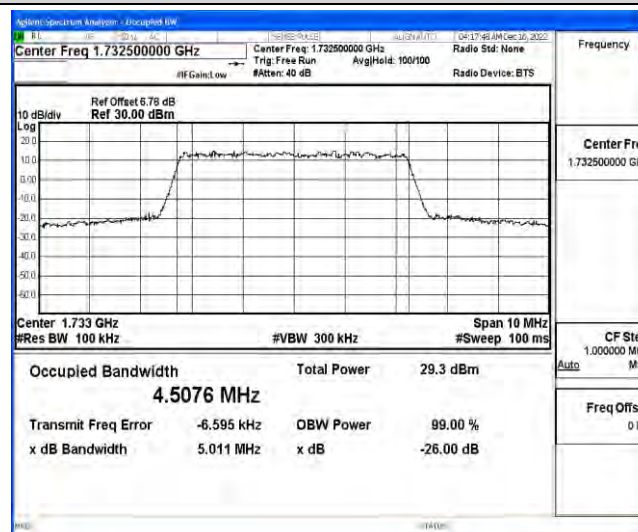
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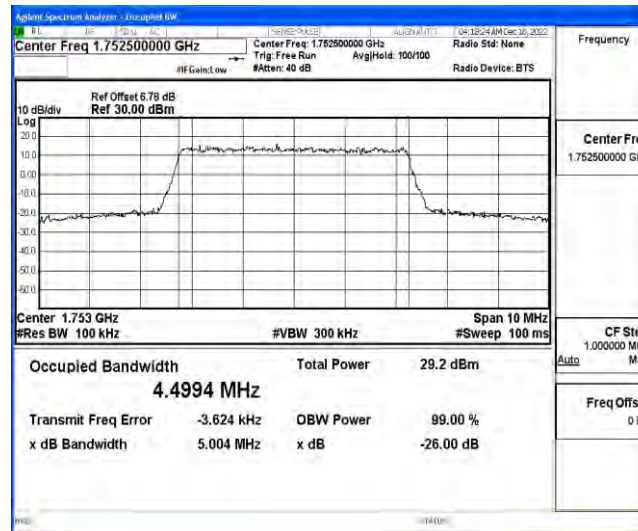
Band4-5MHz-QPSK-19975-25RB#0



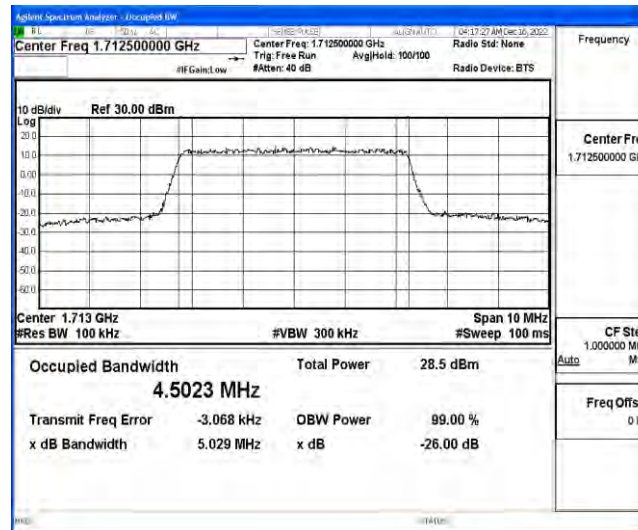
Band4-5MHz-QPSK-20175-25RB#0



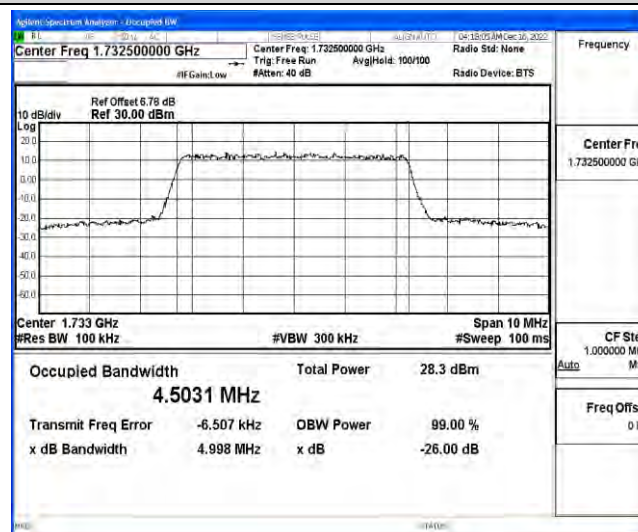
Band4-5MHz-QPSK-20375-25RB#0



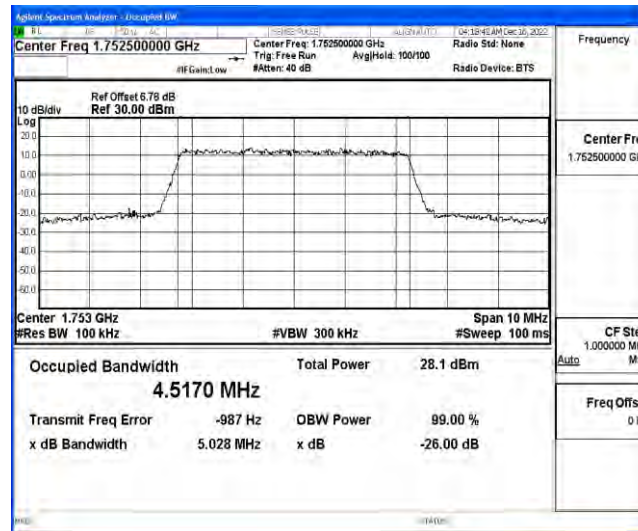
Band4-5MHz-16QAM-19975-25RB#0



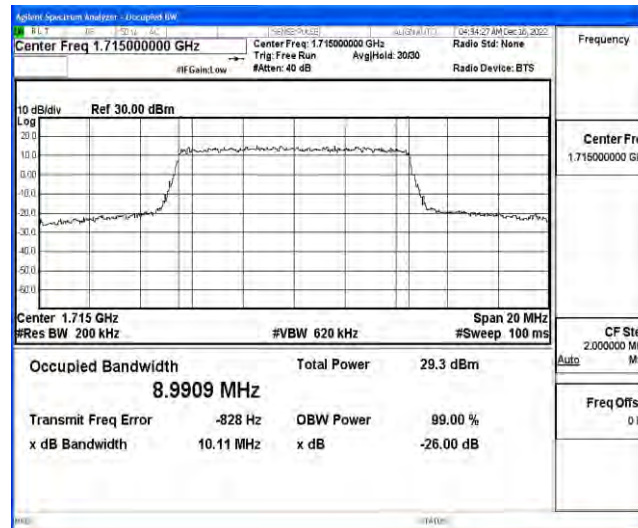
Band4-5MHz-16QAM-20175-25RB#0



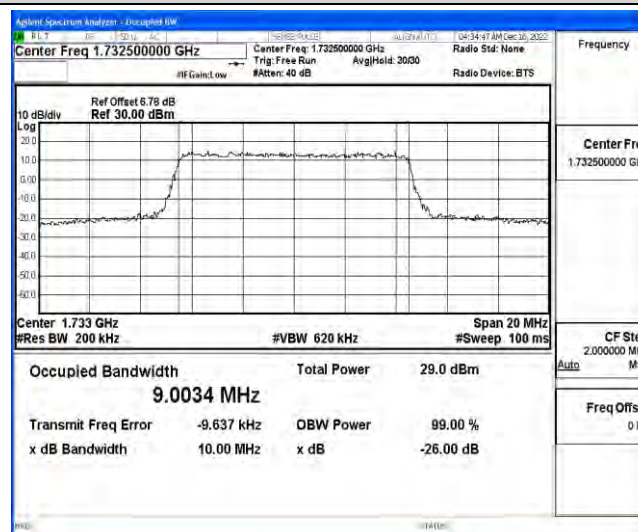
Band4-5MHz-16QAM-20375-25RB#0



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



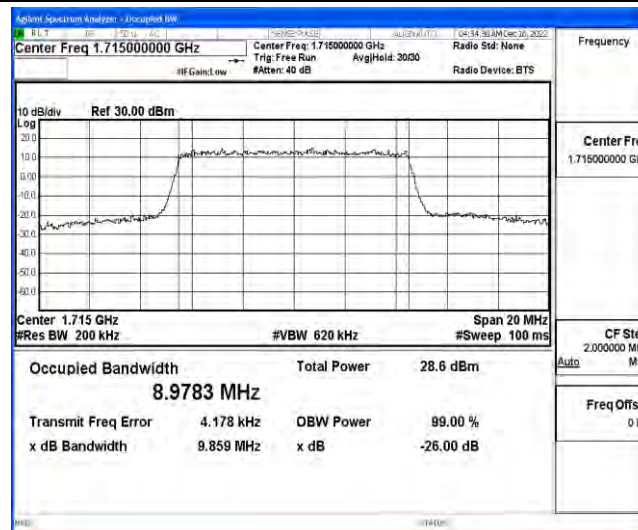
Band4-10MHz-QPSK-20175-50RB#0



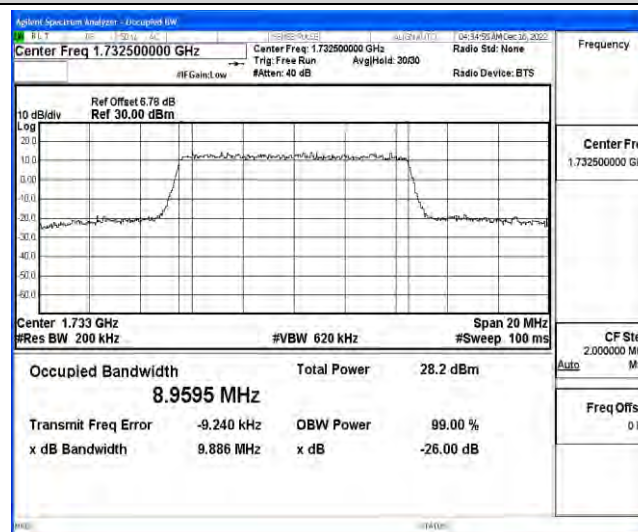
Band4-10MHz-QPSK-20350-50RB#0



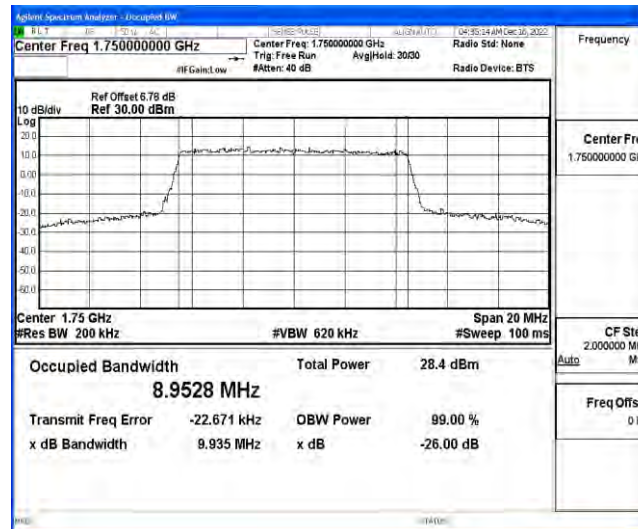
Band4-10MHz-16QAM-20000-50RB#0



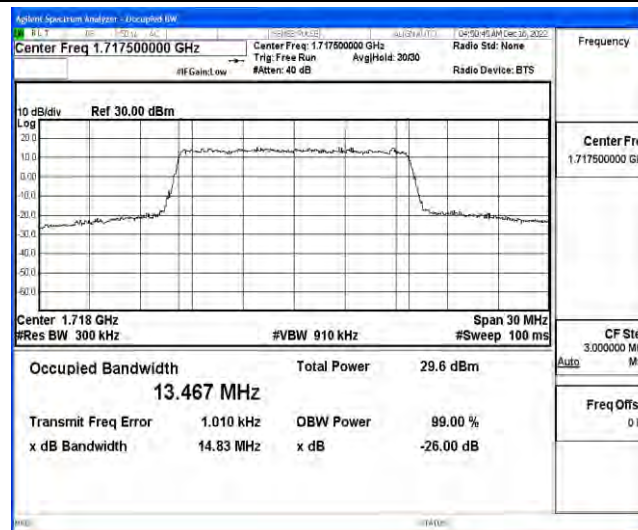
Band4-10MHz-16QAM-20175-50RB#0



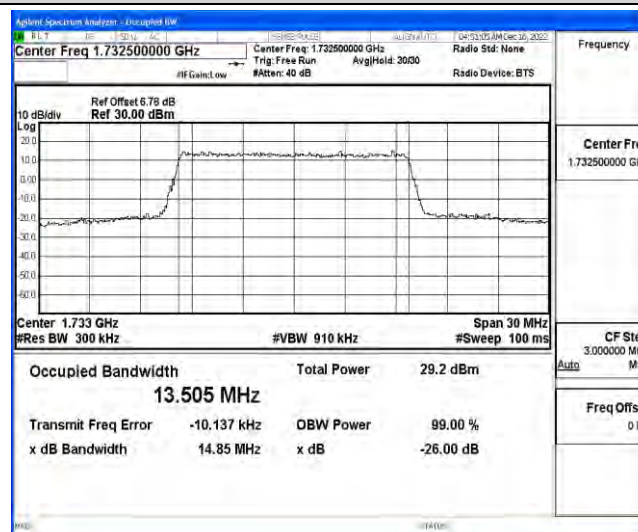
Band4-10MHz-16QAM-20350-50RB#0



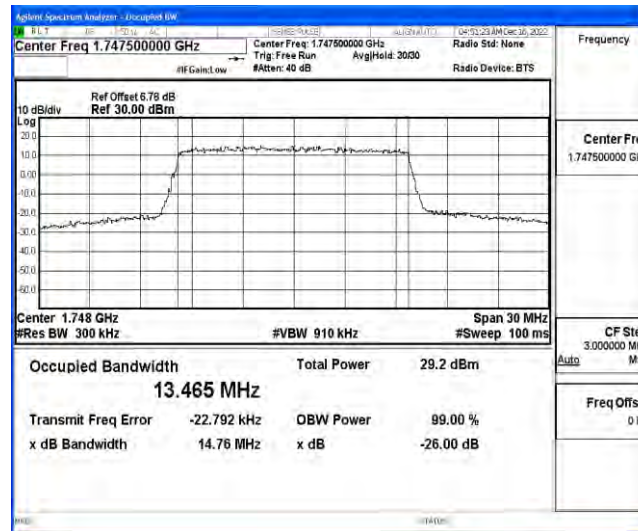
Band4-15MHz-QPSK-20025-75RB#0



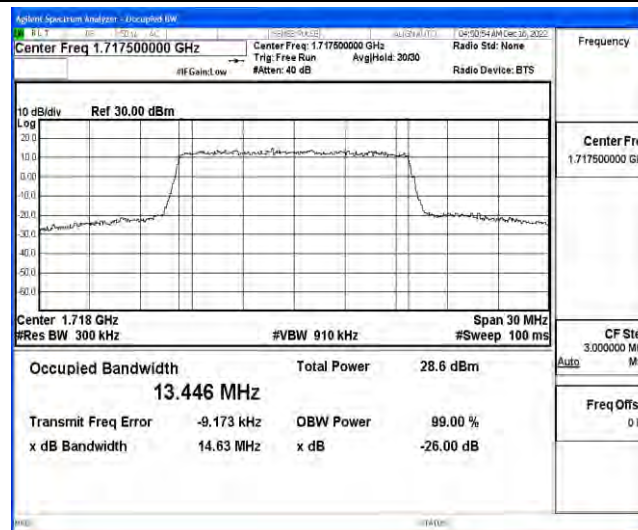
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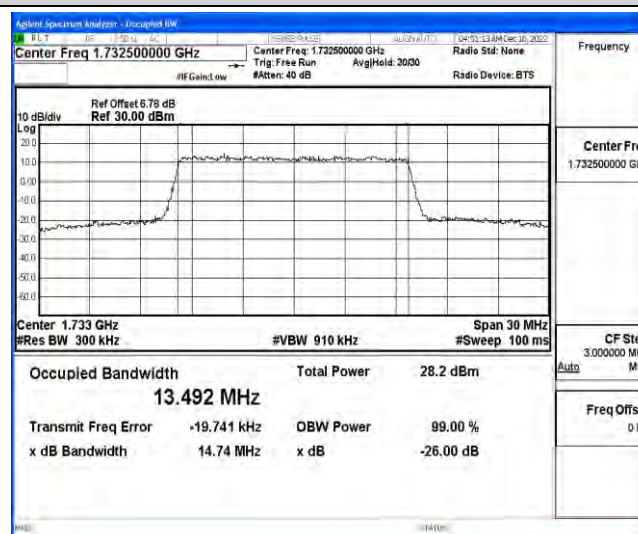
Band4-15MHz-QPSK-20325-75RB#0



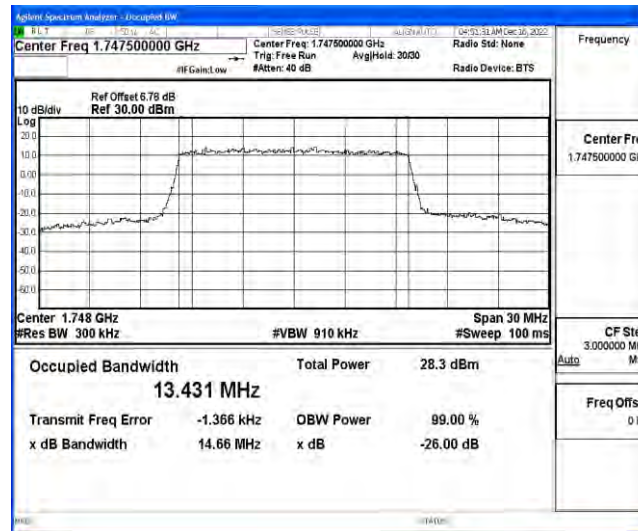
Band4-15MHz-16QAM-20025-75RB#0



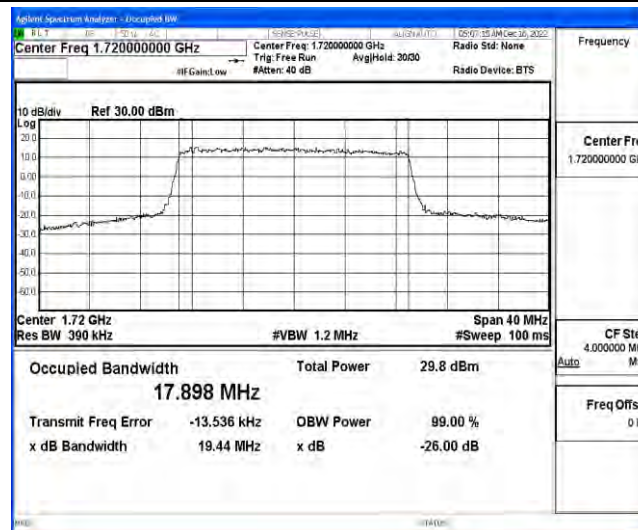
Band4-15MHz-16QAM-20175-75RB#0



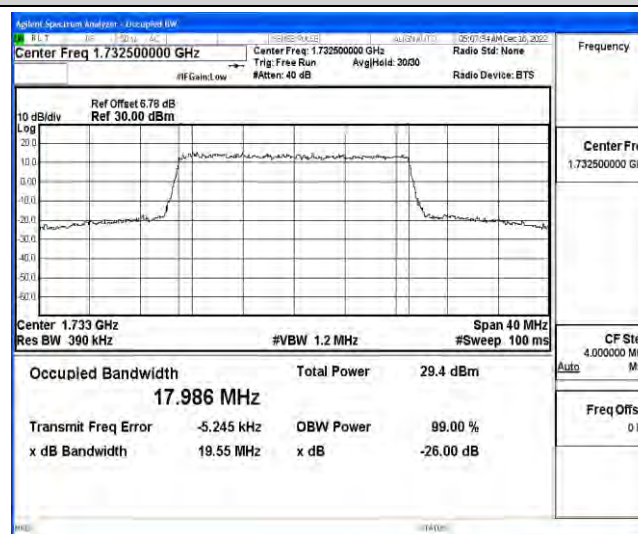
Band4-15MHz-16QAM-20325-75RB#0



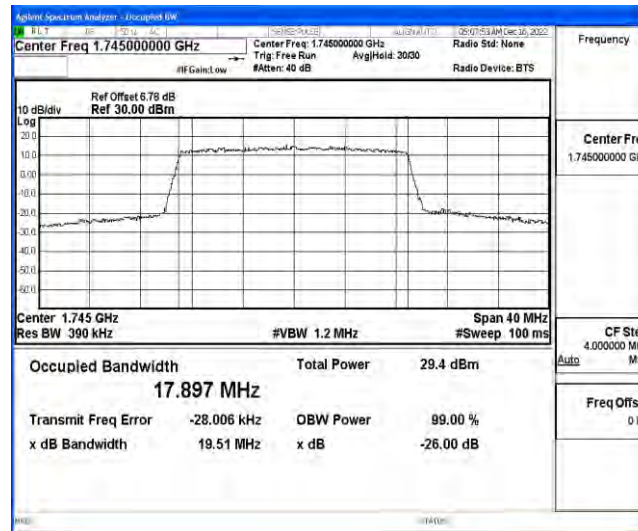
Band4-20MHz-QPSK-20050-100RB#0



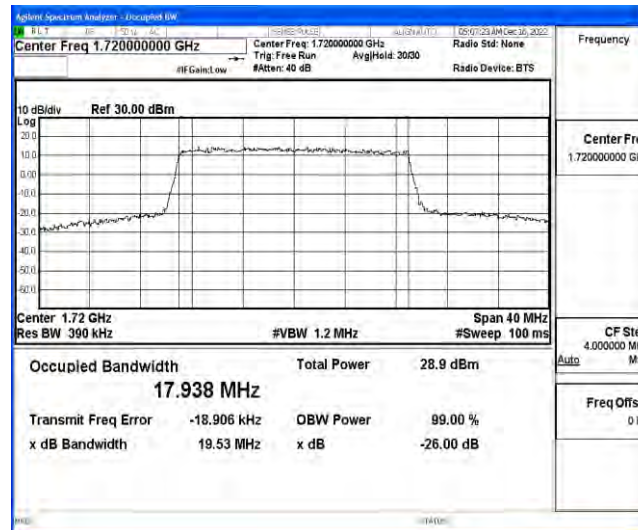
Band4-20MHz-QPSK-20175-100RB#0



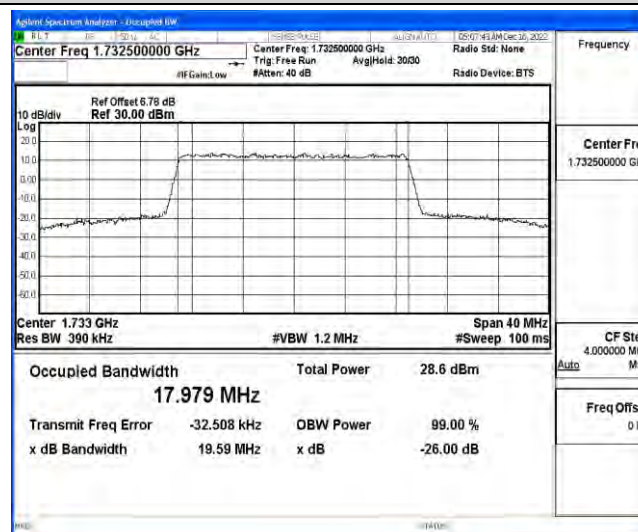
Band4-20MHz-QPSK-20300-100RB#0



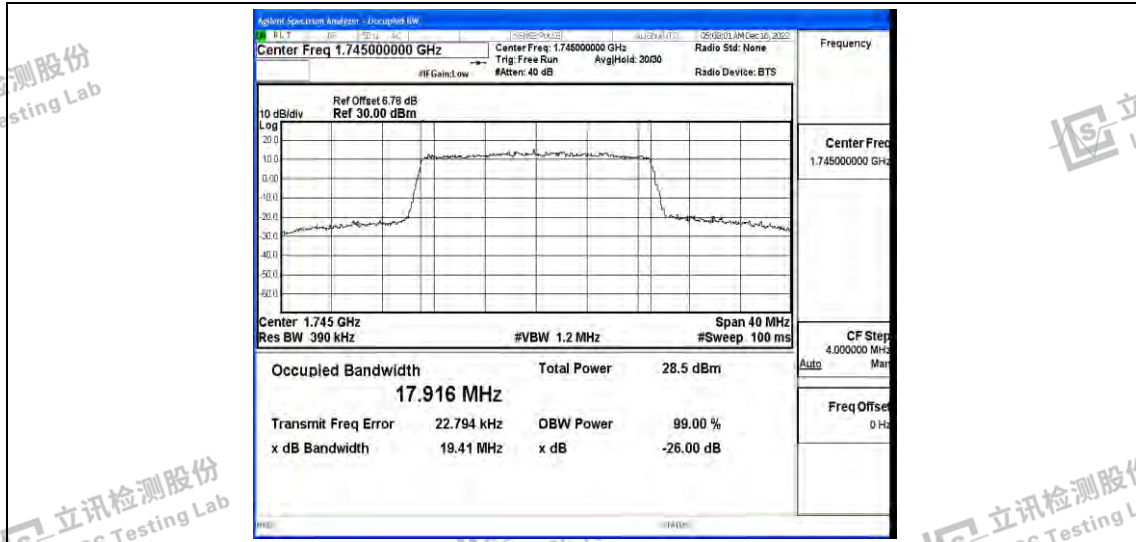
Band4-20MHz-16QAM-20050-100RB#0



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



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





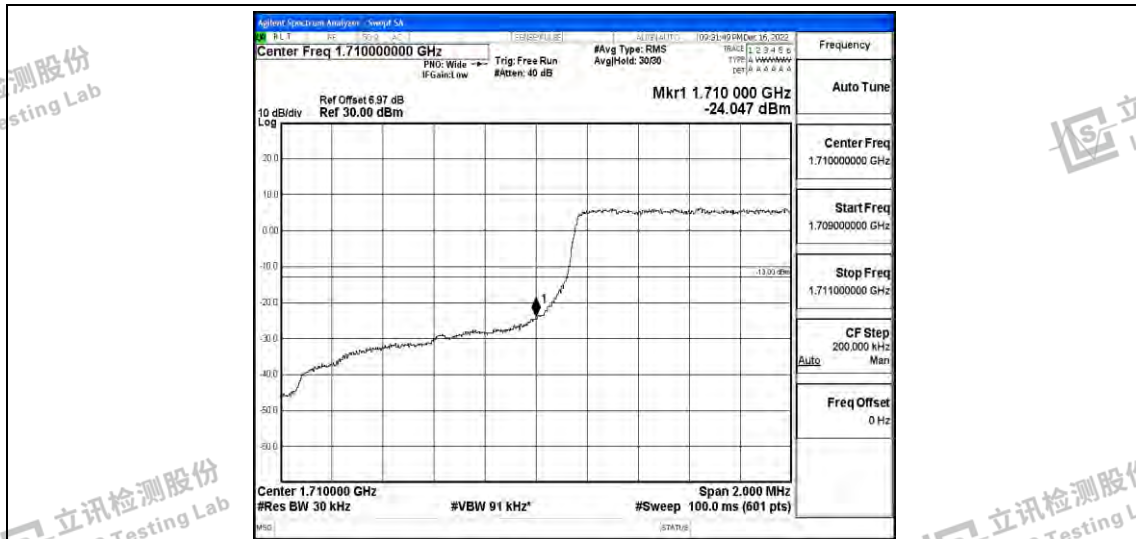
I.4 Band Edge

Test Result

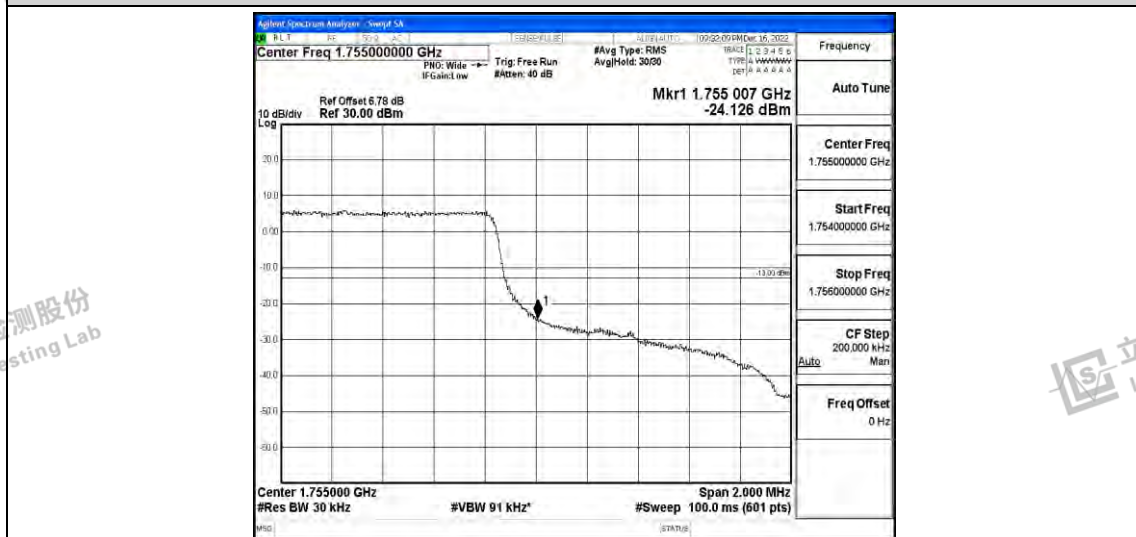
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	-24.05	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-24.13	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-26.38	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-25.65	PASS
Band4	3MHz	QPSK	19965	15RB#0	-24.05	PASS
Band4	3MHz	QPSK	20385	15RB#0	-25.59	PASS
Band4	3MHz	16QAM	19965	15RB#0	-26.62	PASS
Band4	3MHz	16QAM	20385	15RB#0	-26.77	PASS
Band4	5MHz	QPSK	19975	25RB#0	-25.01	PASS
Band4	5MHz	QPSK	20375	25RB#0	-24.75	PASS
Band4	5MHz	16QAM	19975	25RB#0	-26.59	PASS
Band4	5MHz	16QAM	20375	25RB#0	-25.91	PASS
Band4	10MHz	QPSK	20000	50RB#0	-25.76	PASS
Band4	10MHz	QPSK	20350	50RB#0	-25.25	PASS
Band4	10MHz	16QAM	20000	50RB#0	-27.80	PASS
Band4	10MHz	16QAM	20350	50RB#0	-27.34	PASS
Band4	15MHz	QPSK	20025	75RB#0	-26.37	PASS
Band4	15MHz	QPSK	20325	75RB#0	-26.08	PASS
Band4	15MHz	16QAM	20025	75RB#0	-28.60	PASS
Band4	15MHz	16QAM	20325	75RB#0	-27.97	PASS
Band4	20MHz	QPSK	20050	100RB#0	-27.40	PASS
Band4	20MHz	QPSK	20300	100RB#0	-26.26	PASS
Band4	20MHz	16QAM	20050	100RB#0	-29.06	PASS
Band4	20MHz	16QAM	20300	100RB#0	-28.10	PASS

Test Graphs

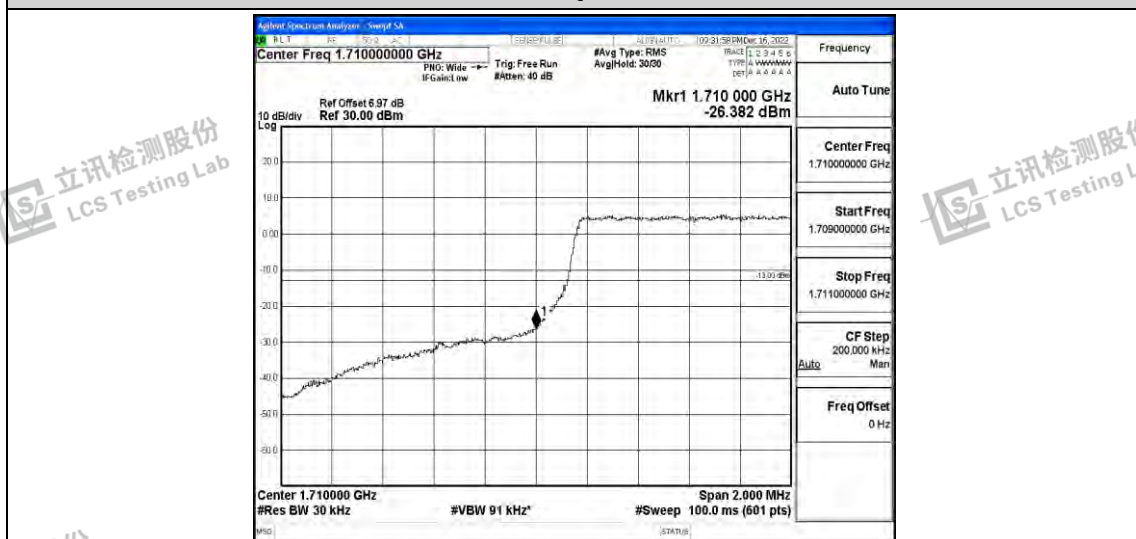
Band4-1.4MHz-QPSK-19957-6RB#0



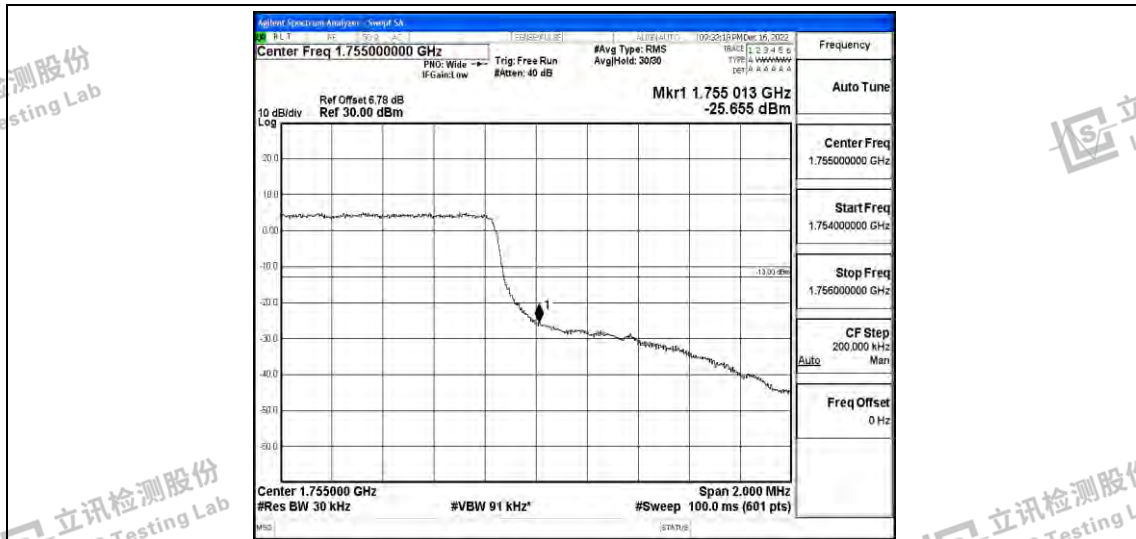
Band4-1.4MHz-QPSK-20393-6RB#0



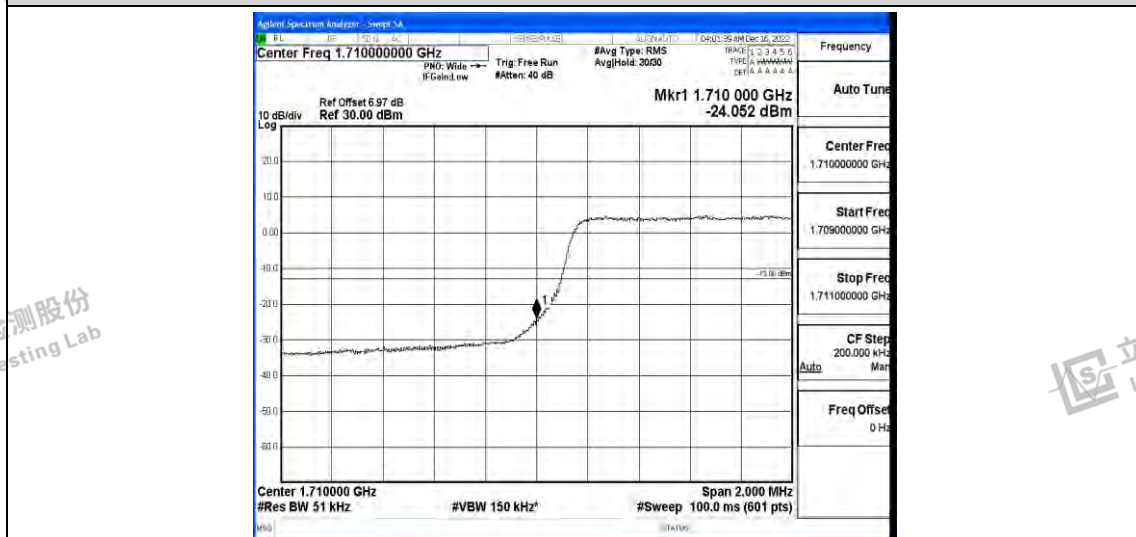
Band4-1.4MHz-16QAM-19957-6RB#0



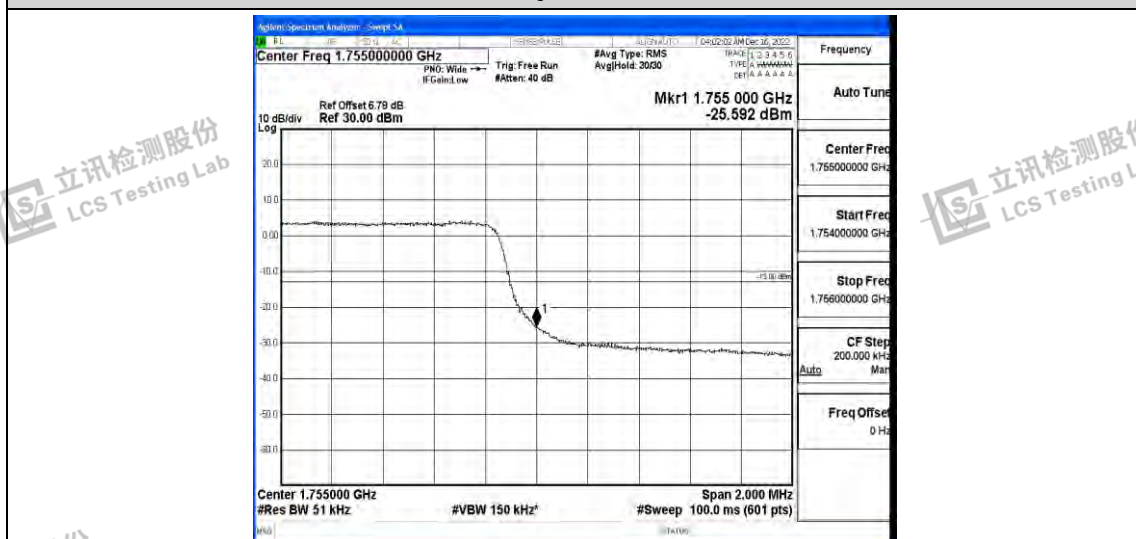
Band4-1.4MHz-16QAM-20393-6RB#0



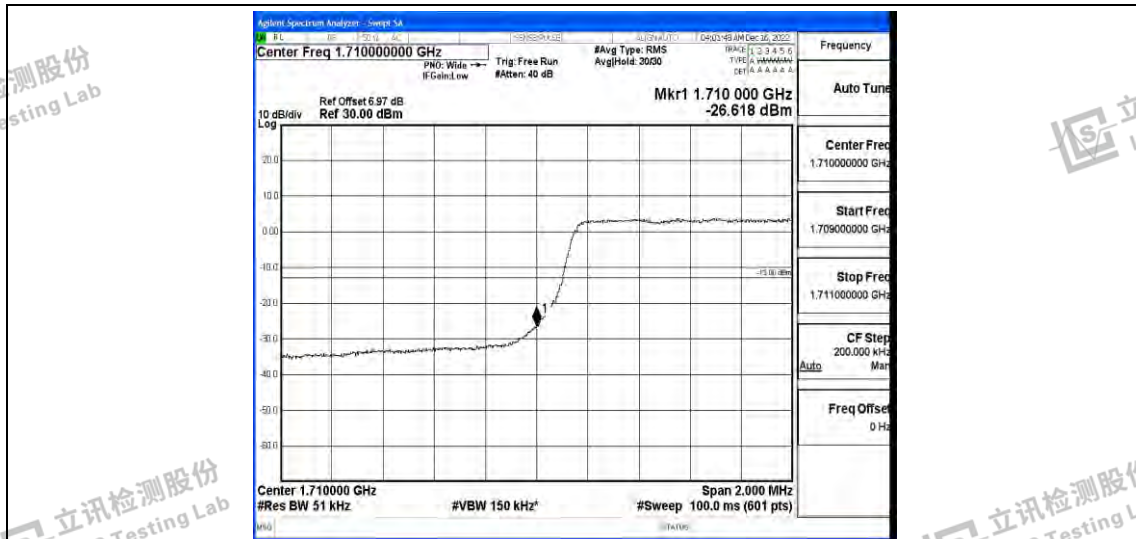
Band4-3MHz-QPSK-19965-15RB#0



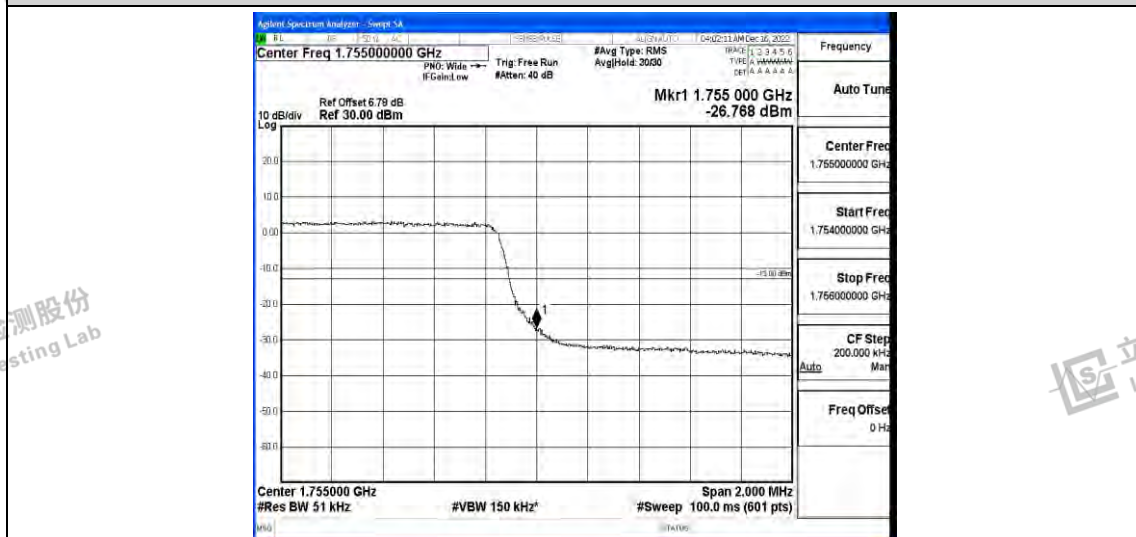
Band4-3MHz-QPSK-20385-15RB#0



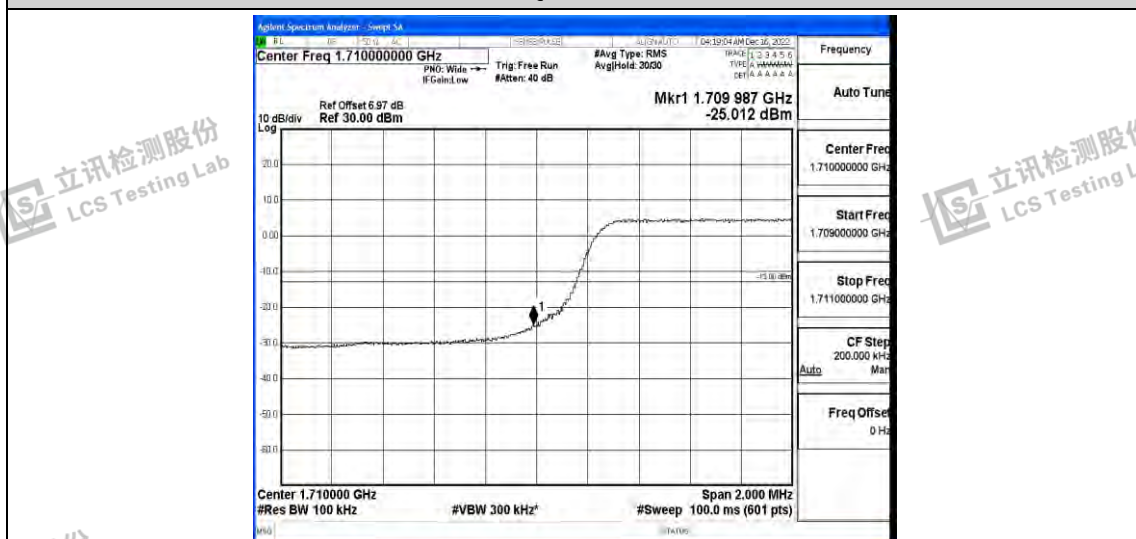
Band4-3MHz-16QAM-19965-15RB#0



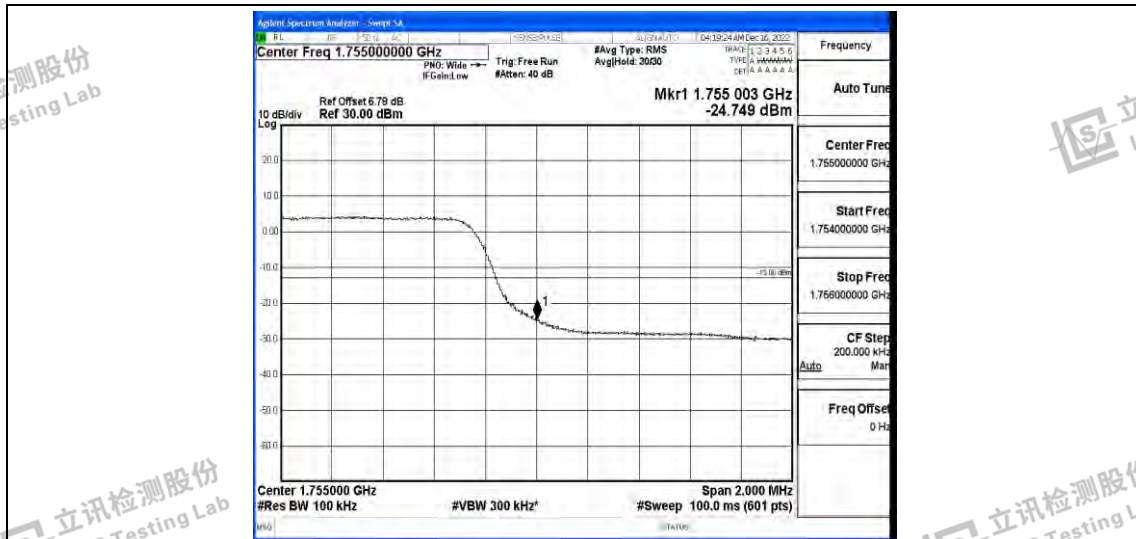
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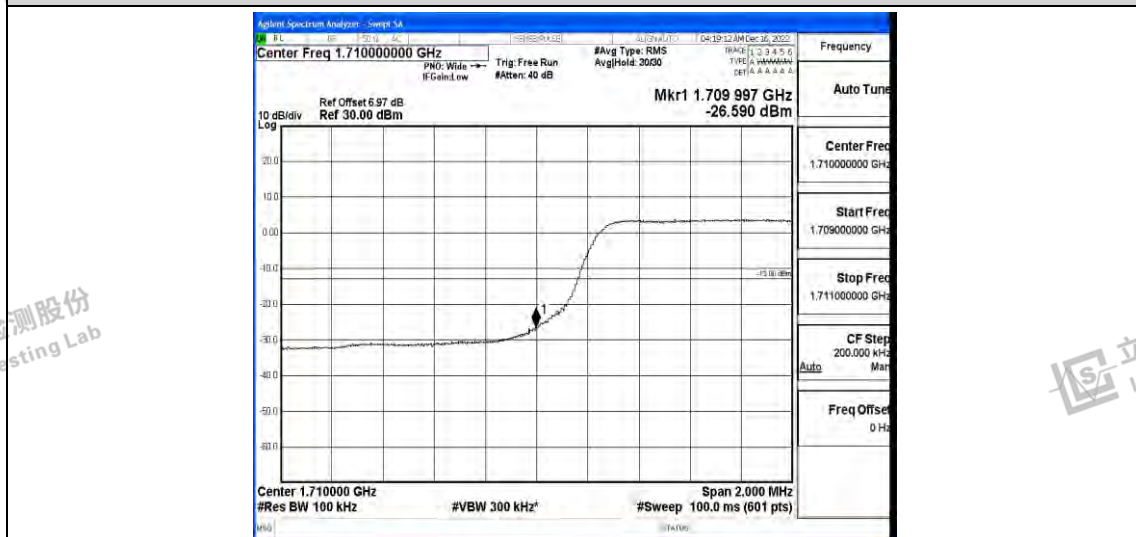
Band4-5MHz-QPSK-19975-25RB#0



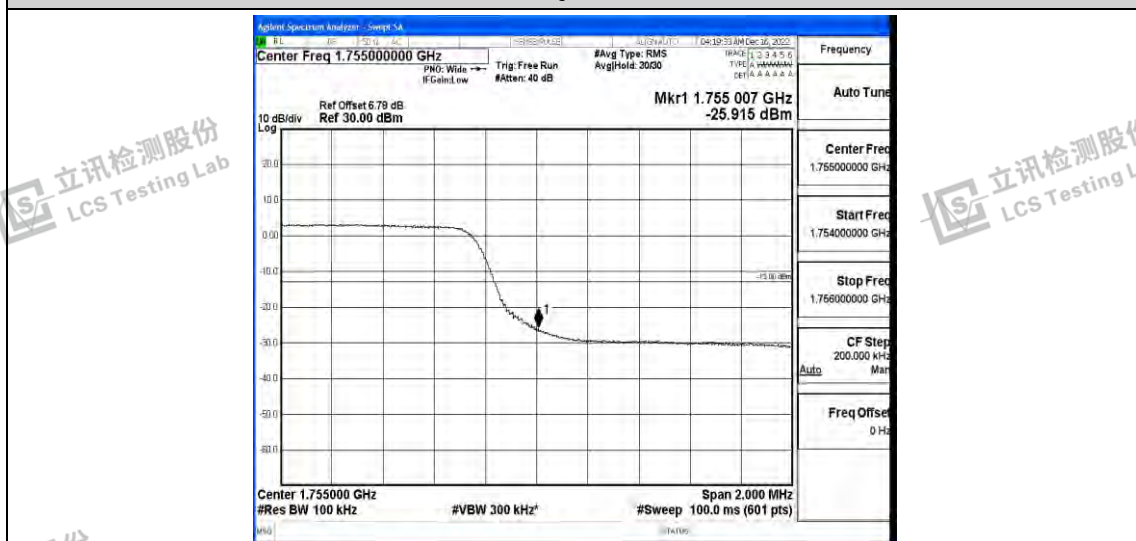
Band4-5MHz-QPSK-20375-25RB#0



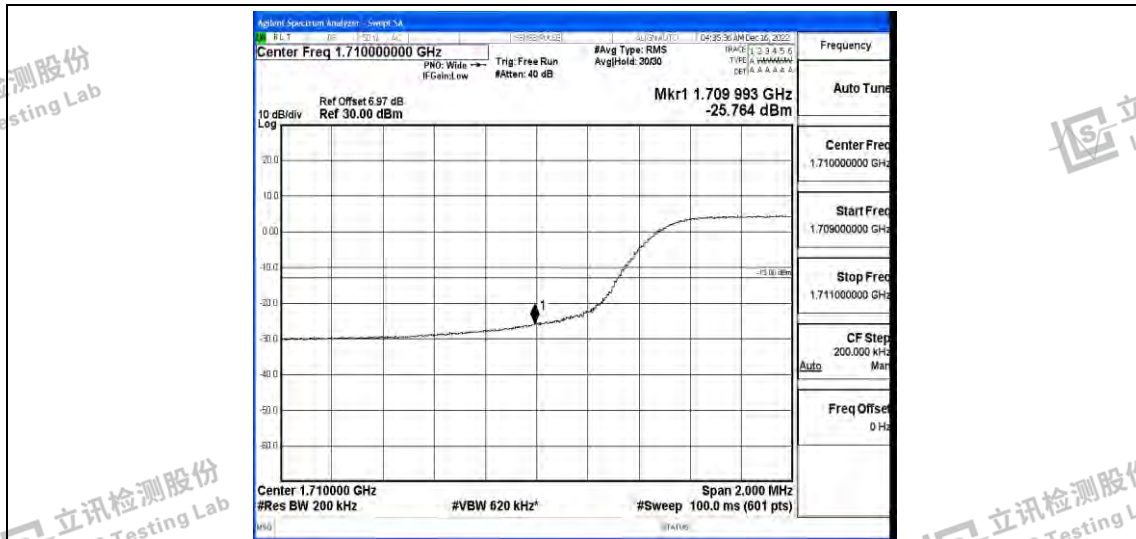
Band4-5MHz-16QAM-19975-25RB#0



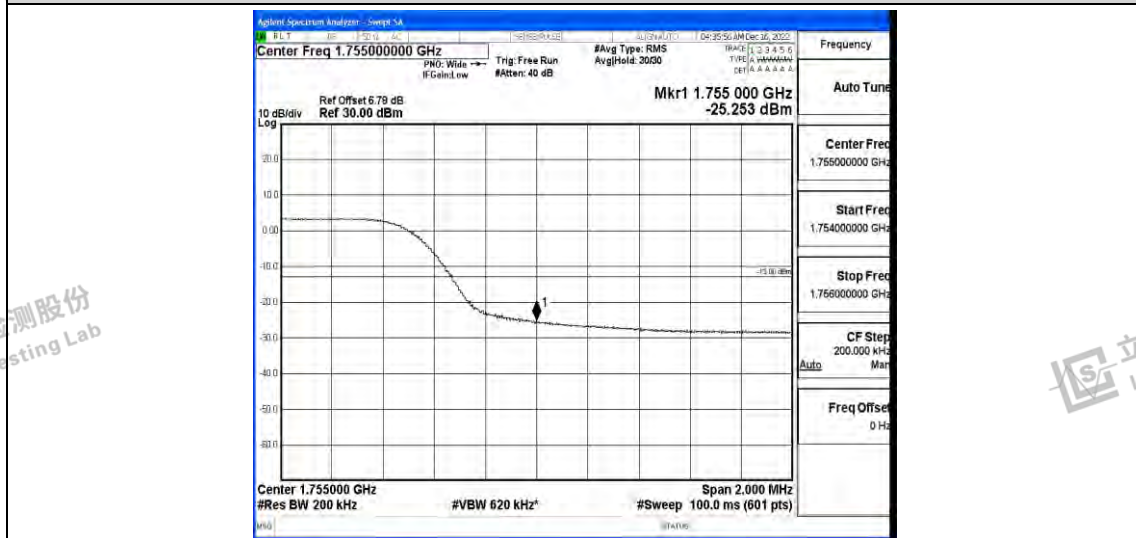
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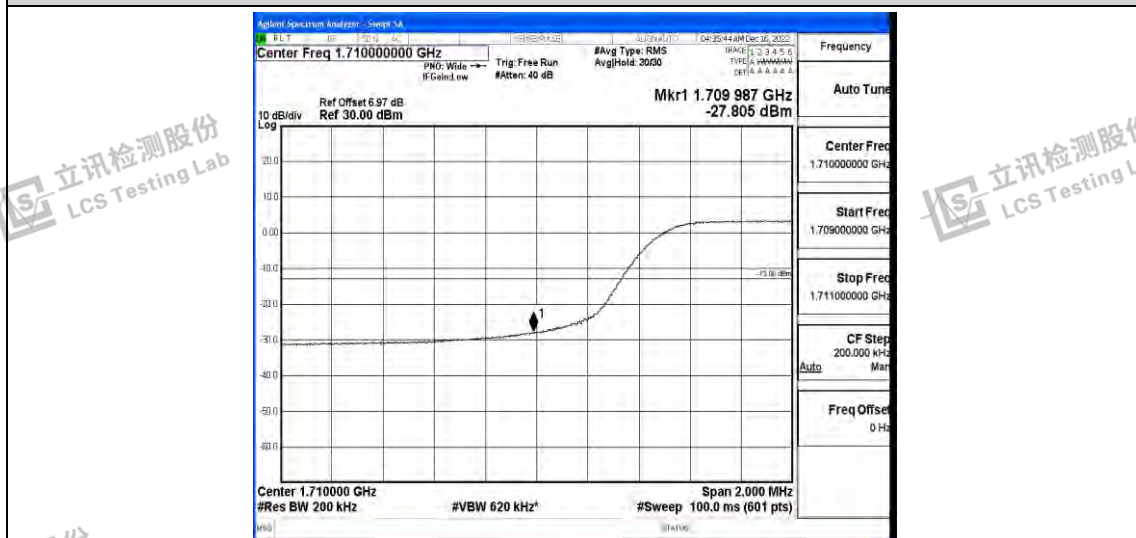
Band4-10MHz-QPSK-20000-50RB#0



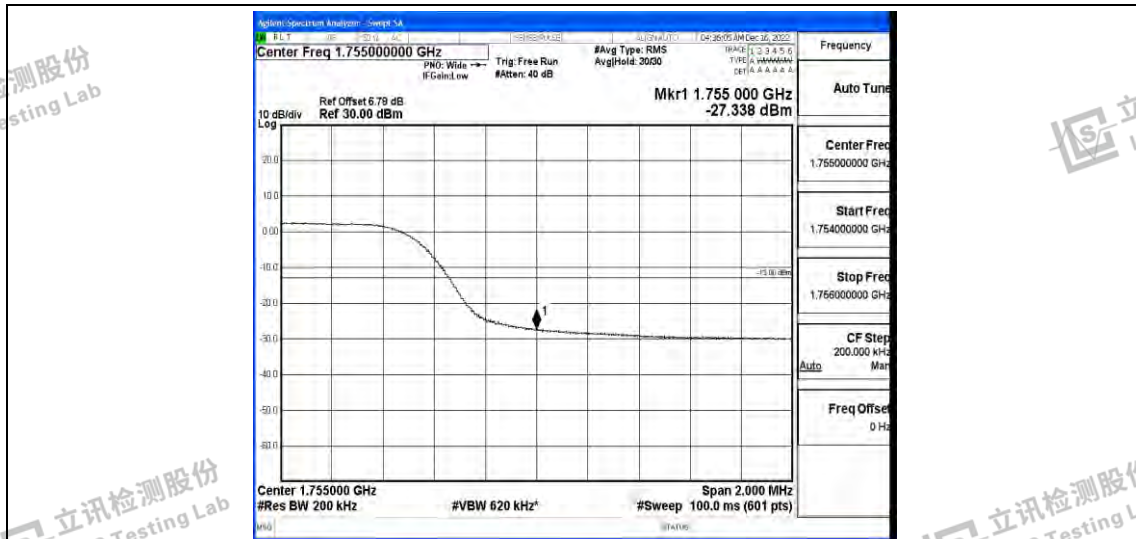
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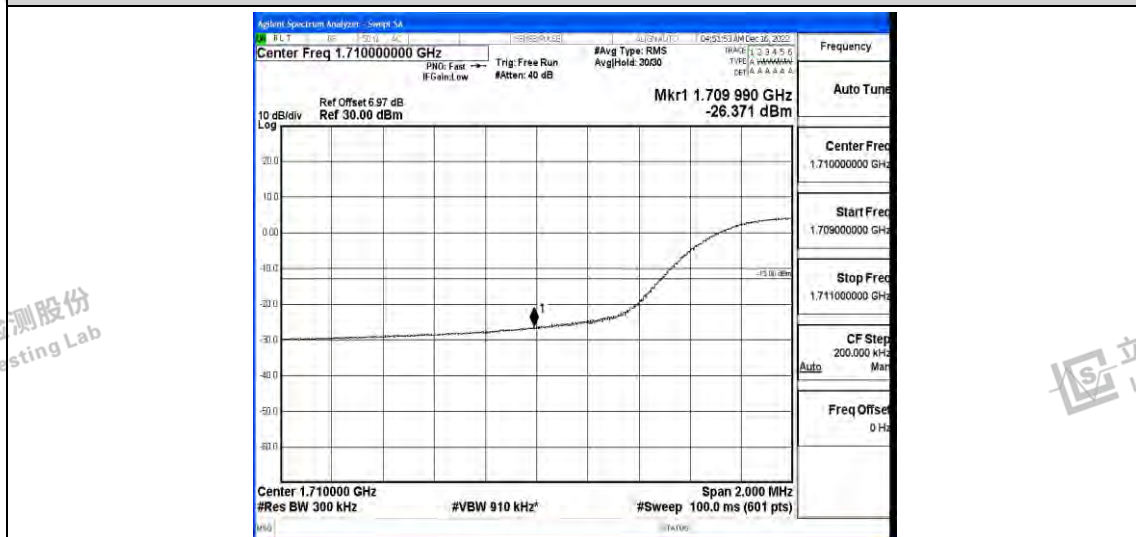
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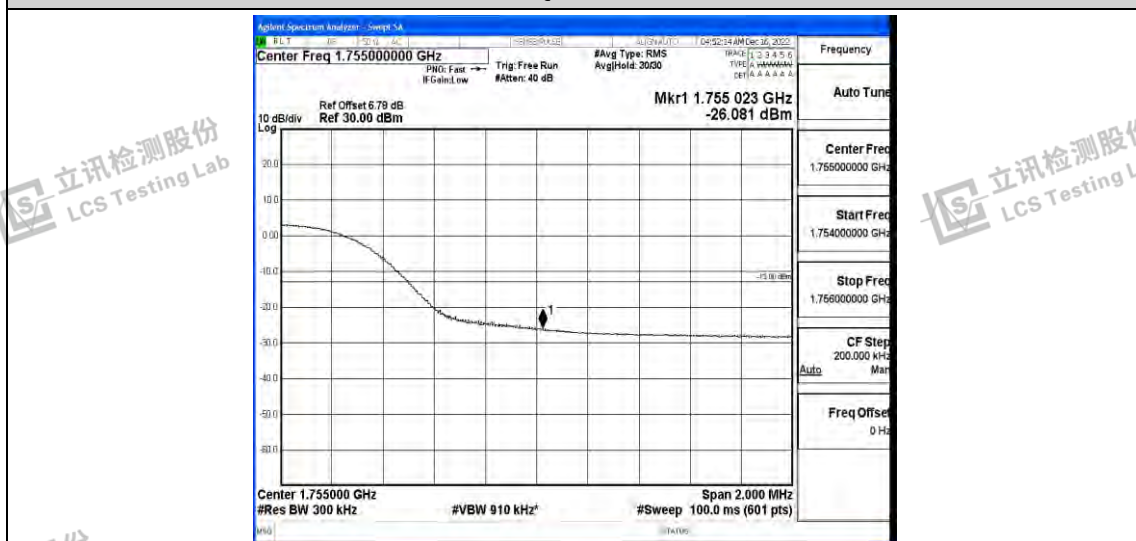
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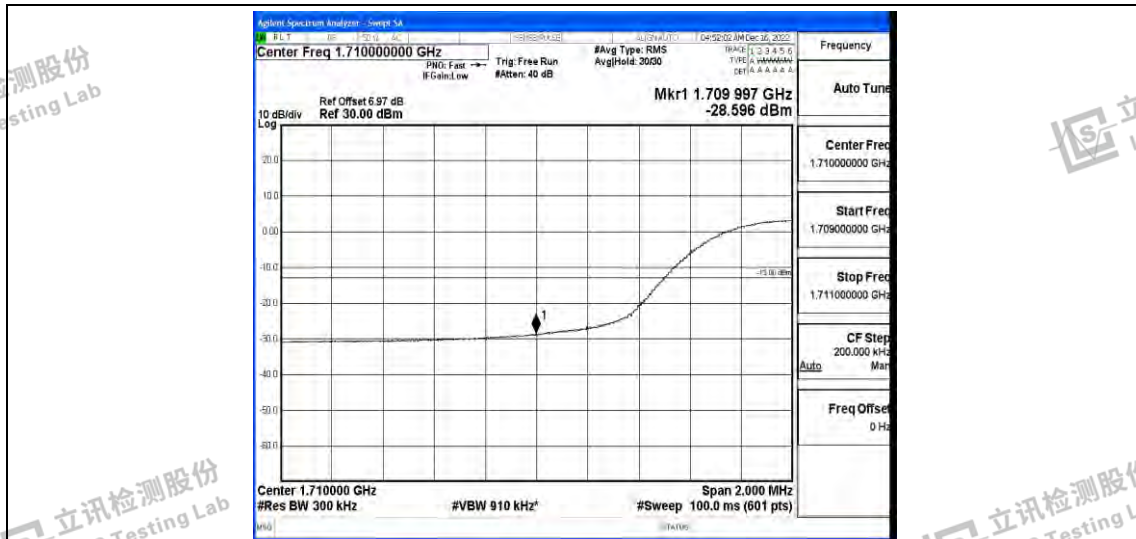
Band4-15MHz-QPSK-20025-75RB#0



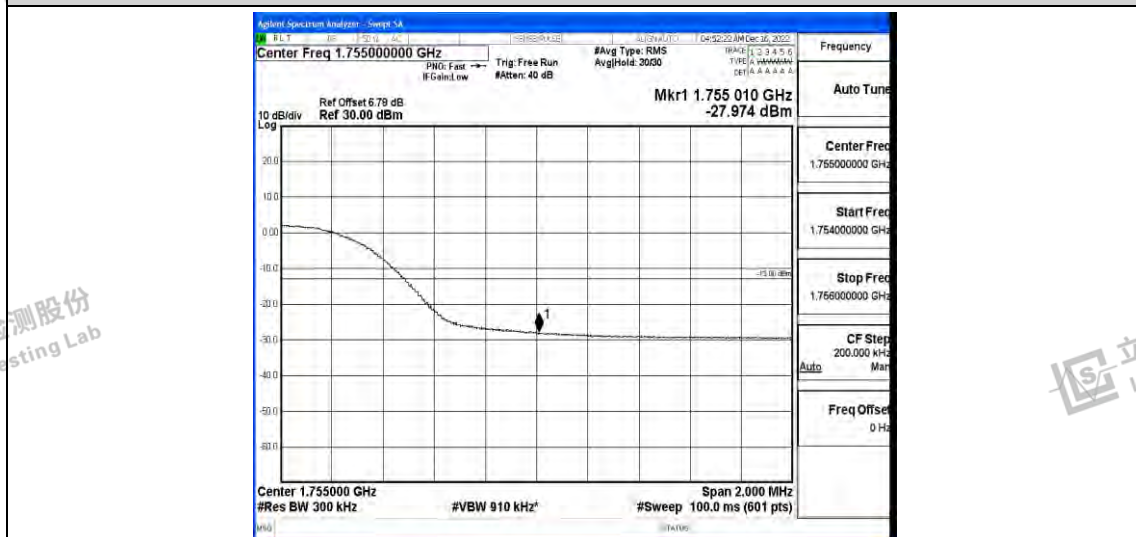
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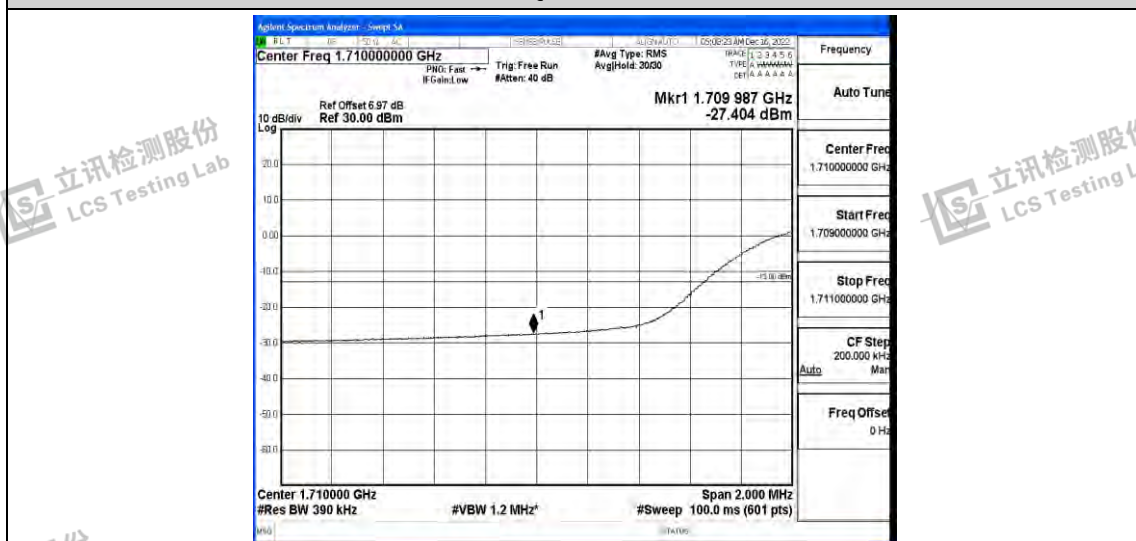
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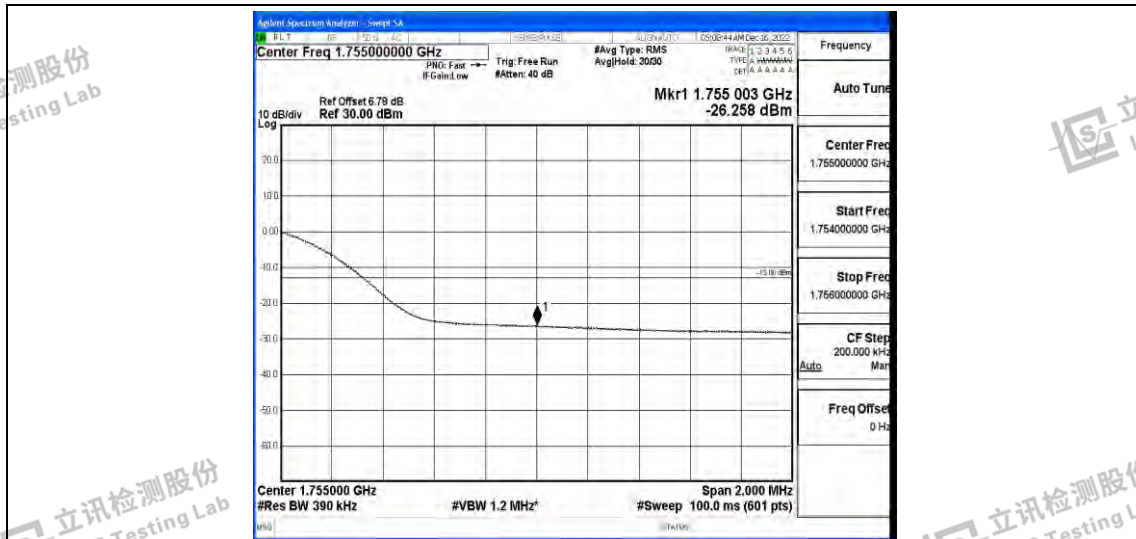
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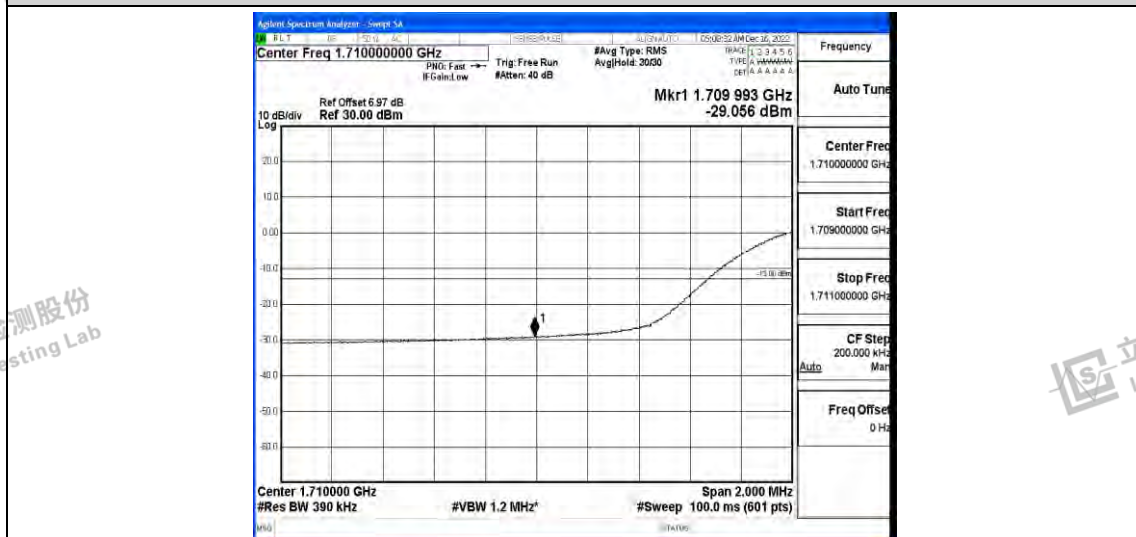
Band4-20MHz-QPSK-20050-100RB#0



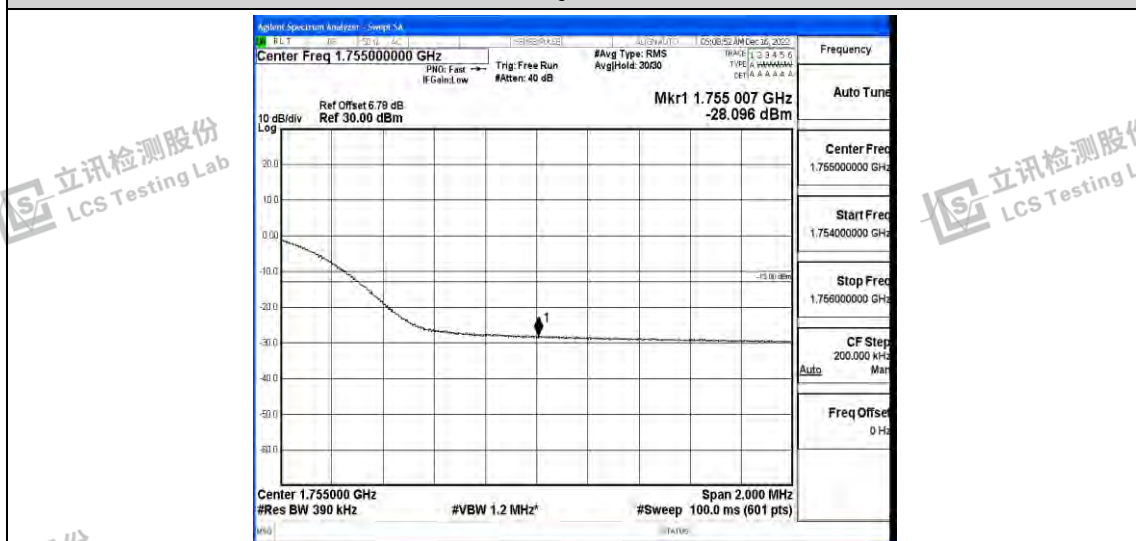
Band4-20MHz-QPSK-20300-100RB#0



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



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





I.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	Range1:0.009~0.15MHz	-56.4	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range2:0.15~30MHz	-51.55	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range3:30~1000MHz	-42.17	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range4:1000~10000MHz	-41.91	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	Range5:10000~20000MHz	-32.96	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-55.72	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-52.05	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-40.83	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-43.24	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.01	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range1:0.009~0.15MHz	-56.17	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range2:0.15~30MHz	-50.93	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range3:30~1000MHz	-42.15	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range4:1000~10000MHz	-44.05	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	Range5:10000~20000MHz	-32.85	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range1:0.009~0.15MHz	-56.37	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range2:0.15~30MHz	-49.05	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range3:30~1000MHz	-41.22	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range4:1000~10000MHz	-41.47	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	Range5:10000~20000MHz	-32.92	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-55.79	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-52.13	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-41.38	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-43.57	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-32.96	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range1:0.009~0.15MHz	-55.8	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range2:0.15~30MHz	-51.12	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range3:30~1000MHz	-42.16	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range4:1000~10000MHz	-44.25	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	Range5:10000~20000MHz	-33.04	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range1:0.009~0.15MHz	-54.58	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range2:0.15~30MHz	-50.62	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range3:30~1000MHz	-40.46	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range4:1000~10000MHz	-40.69	PASS
Band4	3MHz	QPSK	19965	1RB#0	Range5:10000~20000MHz	-33.41	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-55.01	PASS



Band4	3MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-50.17	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-42.55	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-42.56	PASS
Band4	3MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.13	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range1:0.009~0.15MHz	-54.69	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range2:0.15~30MHz	-51.5	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range3:30~1000MHz	-42.22	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range4:1000~10000MHz	-43.62	PASS
Band4	3MHz	QPSK	20385	1RB#0	Range5:10000~20000MHz	-33.17	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range1:0.009~0.15MHz	-54.92	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range2:0.15~30MHz	-51.33	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range3:30~1000MHz	-41.26	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range4:1000~10000MHz	-40.83	PASS
Band4	3MHz	16QAM	19965	1RB#0	Range5:10000~20000MHz	-33.36	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-54.96	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-49.64	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-41.53	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-42.74	PASS
Band4	3MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.41	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range1:0.009~0.15MHz	-57.21	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range2:0.15~30MHz	-52.1	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range3:30~1000MHz	-42	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range4:1000~10000MHz	-44.25	PASS
Band4	3MHz	16QAM	20385	1RB#0	Range5:10000~20000MHz	-33.19	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range1:0.009~0.15MHz	-53.61	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range2:0.15~30MHz	-50.54	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range3:30~1000MHz	-42.36	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range4:1000~10000MHz	-40.93	PASS
Band4	5MHz	QPSK	19975	1RB#0	Range5:10000~20000MHz	-33.15	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-52.73	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-51.6	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-41.43	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-42.75	PASS
Band4	5MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.23	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range1:0.009~0.15MHz	-54.68	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range2:0.15~30MHz	-53.24	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range3:30~1000MHz	-42.31	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range4:1000~10000MHz	-43.91	PASS
Band4	5MHz	QPSK	20375	1RB#0	Range5:10000~20000MHz	-33.19	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range1:0.009~0.15MHz	-56.2	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range2:0.15~30MHz	-52.72	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range3:30~1000MHz	-42.7	PASS
Band4	5MHz	16QAM	19975	1RB#0	Range4:1000~10000MHz	-41.26	PASS



Band4	5MHz	16QAM	19975	1RB#0	Range5:10000~20000MHz	-33.32	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-55.05	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-50.14	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-41.48	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-42.92	PASS
Band4	5MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.16	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range1:0.009~0.15MHz	-53.99	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range2:0.15~30MHz	-50.25	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range3:30~1000MHz	-42.04	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range4:1000~10000MHz	-44.16	PASS
Band4	5MHz	16QAM	20375	1RB#0	Range5:10000~20000MHz	-33.22	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range1:0.009~0.15MHz	-54.94	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range2:0.15~30MHz	-50.62	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range3:30~1000MHz	-42.2	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range4:1000~10000MHz	-41.57	PASS
Band4	10MHz	QPSK	20000	1RB#0	Range5:10000~20000MHz	-33.2	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-53.2	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-52.36	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-42.31	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-42.68	PASS
Band4	10MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.33	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range1:0.009~0.15MHz	-55.93	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range2:0.15~30MHz	-52.68	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range3:30~1000MHz	-41.86	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range4:1000~10000MHz	-43.73	PASS
Band4	10MHz	QPSK	20350	1RB#0	Range5:10000~20000MHz	-33.27	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range1:0.009~0.15MHz	-52.95	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range2:0.15~30MHz	-52.7	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range3:30~1000MHz	-41.83	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range4:1000~10000MHz	-41.43	PASS
Band4	10MHz	16QAM	20000	1RB#0	Range5:10000~20000MHz	-33.27	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-55.78	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-50.24	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-41.67	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-42.79	PASS
Band4	10MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.31	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range1:0.009~0.15MHz	-54.65	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range2:0.15~30MHz	-52.22	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range3:30~1000MHz	-42.75	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range4:1000~10000MHz	-43.88	PASS
Band4	10MHz	16QAM	20350	1RB#0	Range5:10000~20000MHz	-33.14	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range1:0.009~0.15MHz	-55.03	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range2:0.15~30MHz	-51.49	PASS

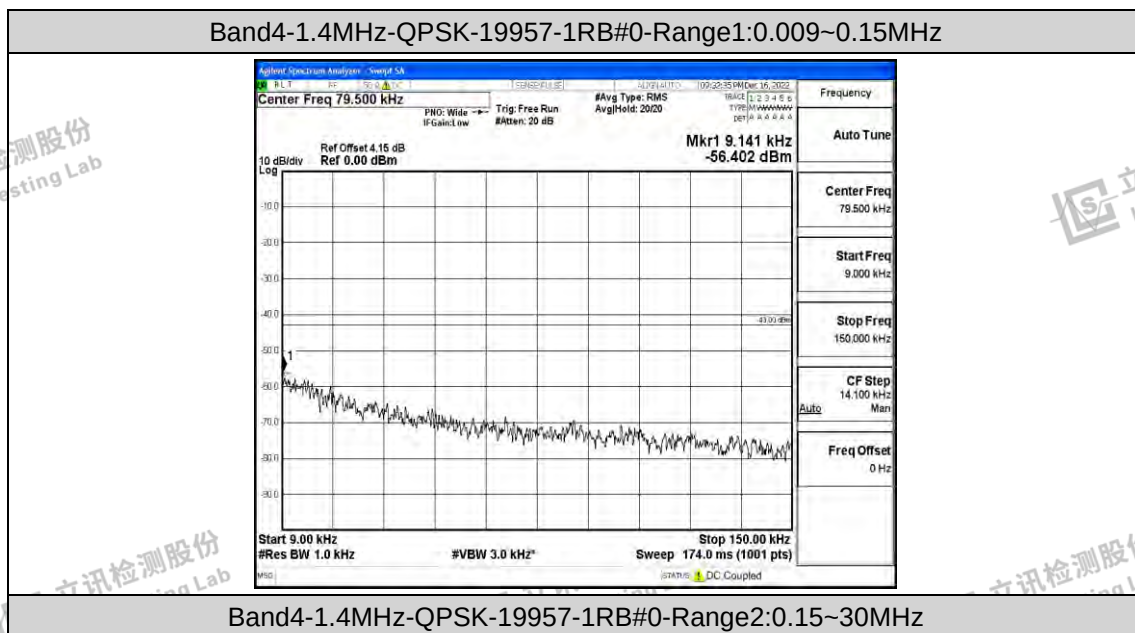


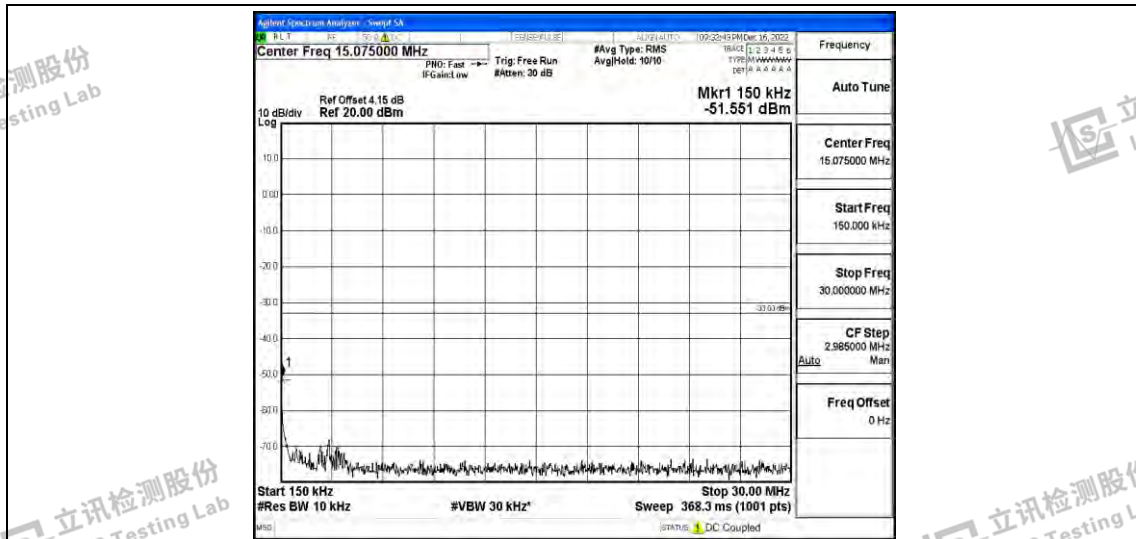
Band4	15MHz	QPSK	20025	1RB#0	Range3:30~1000MHz	-41.99	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range4:1000~10000MHz	-41.29	PASS
Band4	15MHz	QPSK	20025	1RB#0	Range5:10000~20000MHz	-33.32	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-54.77	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-51.32	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-42.35	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-43.25	PASS
Band4	15MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.28	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range1:0.009~0.15MHz	-55.31	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range2:0.15~30MHz	-52.1	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range3:30~1000MHz	-42.38	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range4:1000~10000MHz	-43.65	PASS
Band4	15MHz	QPSK	20325	1RB#0	Range5:10000~20000MHz	-33.23	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range1:0.009~0.15MHz	-54.56	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range2:0.15~30MHz	-51.02	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range3:30~1000MHz	-42.04	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range4:1000~10000MHz	-41.26	PASS
Band4	15MHz	16QAM	20025	1RB#0	Range5:10000~20000MHz	-33.15	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-56.93	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-49.7	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-42.07	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-43.05	PASS
Band4	15MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.41	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range1:0.009~0.15MHz	-55.67	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range2:0.15~30MHz	-51.33	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range3:30~1000MHz	-41.38	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range4:1000~10000MHz	-43.58	PASS
Band4	15MHz	16QAM	20325	1RB#0	Range5:10000~20000MHz	-33.34	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range1:0.009~0.15MHz	-56.33	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range2:0.15~30MHz	-50.87	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range3:30~1000MHz	-41.71	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range4:1000~10000MHz	-40.48	PASS
Band4	20MHz	QPSK	20050	1RB#0	Range5:10000~20000MHz	-33.45	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range1:0.009~0.15MHz	-54.2	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range2:0.15~30MHz	-50.1	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range3:30~1000MHz	-42.24	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range4:1000~10000MHz	-42.74	PASS
Band4	20MHz	QPSK	20175	1RB#0	Range5:10000~20000MHz	-33.16	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range1:0.009~0.15MHz	-55.64	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range2:0.15~30MHz	-51.83	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range3:30~1000MHz	-42.57	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range4:1000~10000MHz	-42.76	PASS
Band4	20MHz	QPSK	20300	1RB#0	Range5:10000~20000MHz	-33.43	PASS



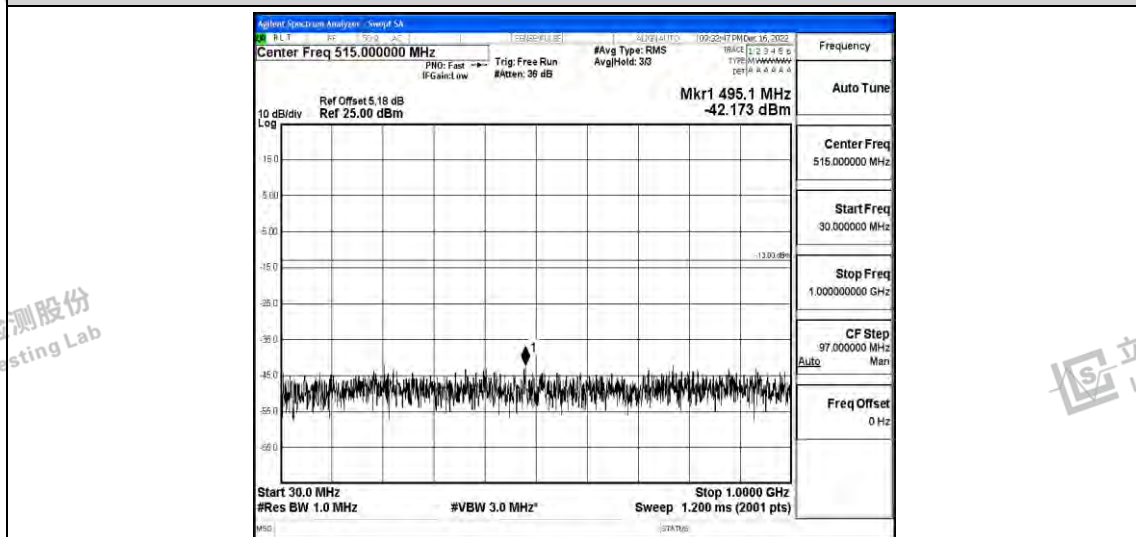
Band4	20MHz	16QAM	20050	1RB#0	Range1:0.009~0.15MHz	-55.23	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range2:0.15~30MHz	-50.74	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range3:30~1000MHz	-42.86	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range4:1000~10000MHz	-41.47	PASS
Band4	20MHz	16QAM	20050	1RB#0	Range5:10000~20000MHz	-33.2	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range1:0.009~0.15MHz	-53.49	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range2:0.15~30MHz	-50.01	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range3:30~1000MHz	-42.6	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range4:1000~10000MHz	-43.17	PASS
Band4	20MHz	16QAM	20175	1RB#0	Range5:10000~20000MHz	-33.35	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range1:0.009~0.15MHz	-55.34	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range2:0.15~30MHz	-51.32	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range3:30~1000MHz	-42.12	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range4:1000~10000MHz	-42.97	PASS
Band4	20MHz	16QAM	20300	1RB#0	Range5:10000~20000MHz	-33.23	PASS

Test Graphs

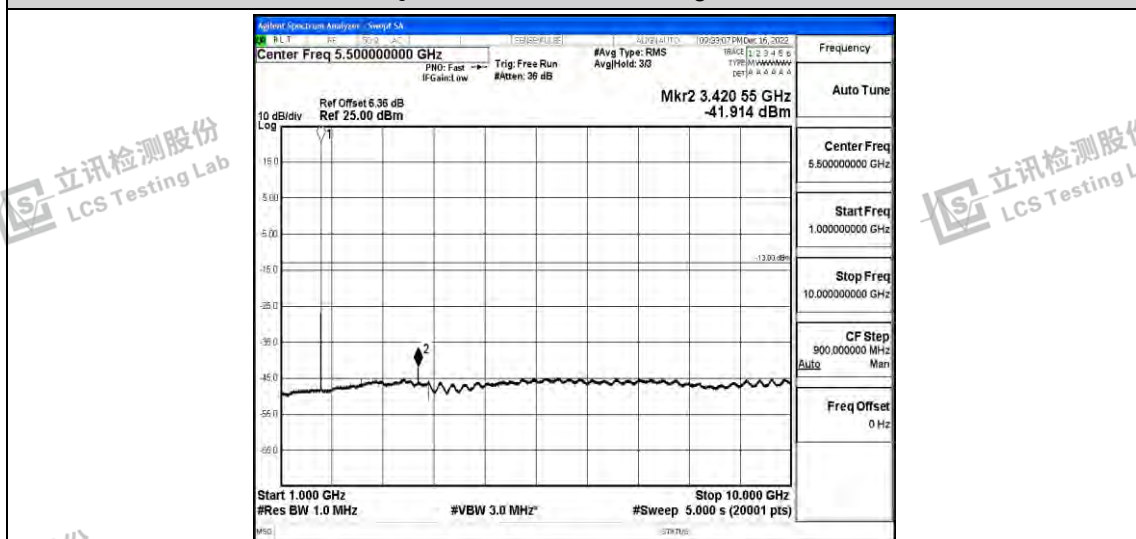




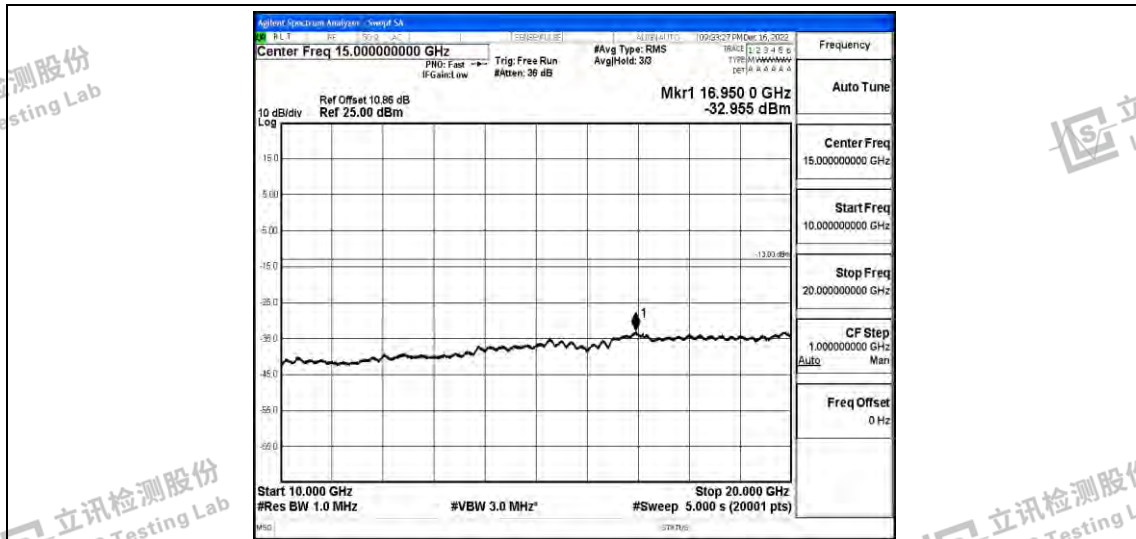
Band4-1.4MHz-QPSK-19957-1RB#0-Range3:30~1000MHz



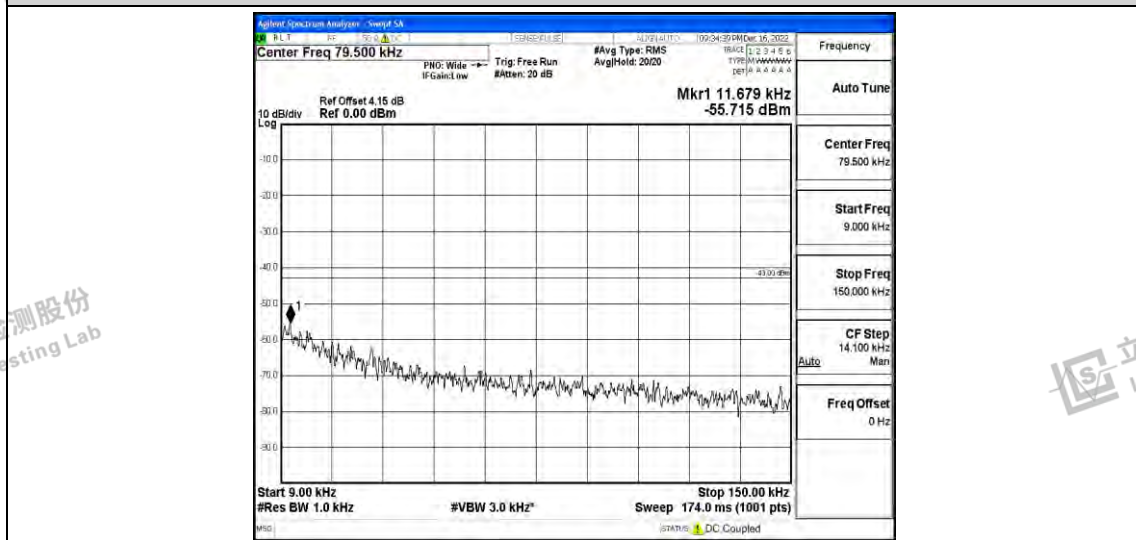
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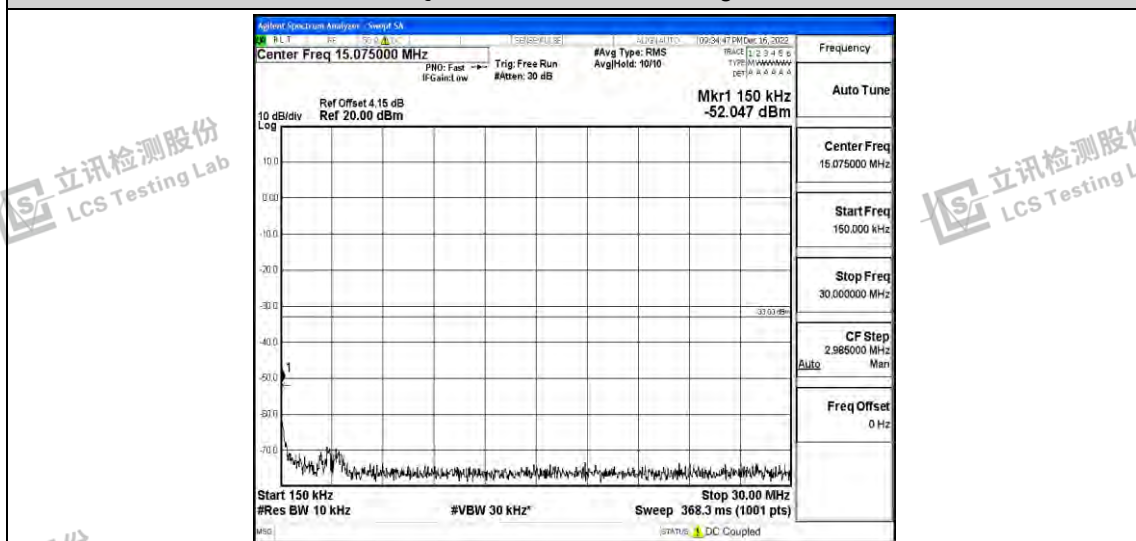
Band4-1.4MHz-QPSK-19957-1RB#0-Range5:10000~20000MHz



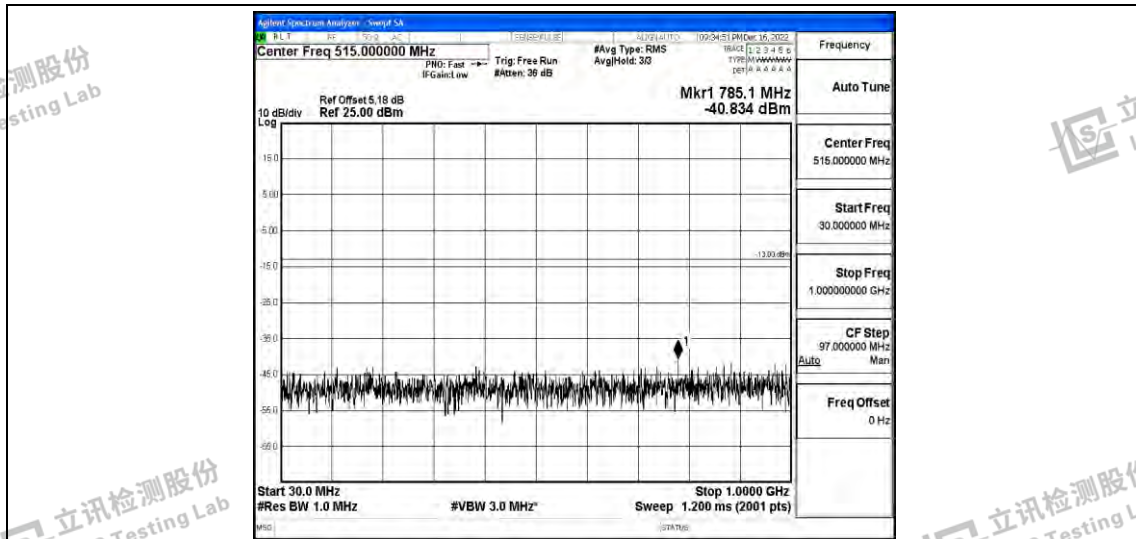
Band4-1.4MHz-QPSK-20175-1RB#0-Range1:0.009~0.15MHz



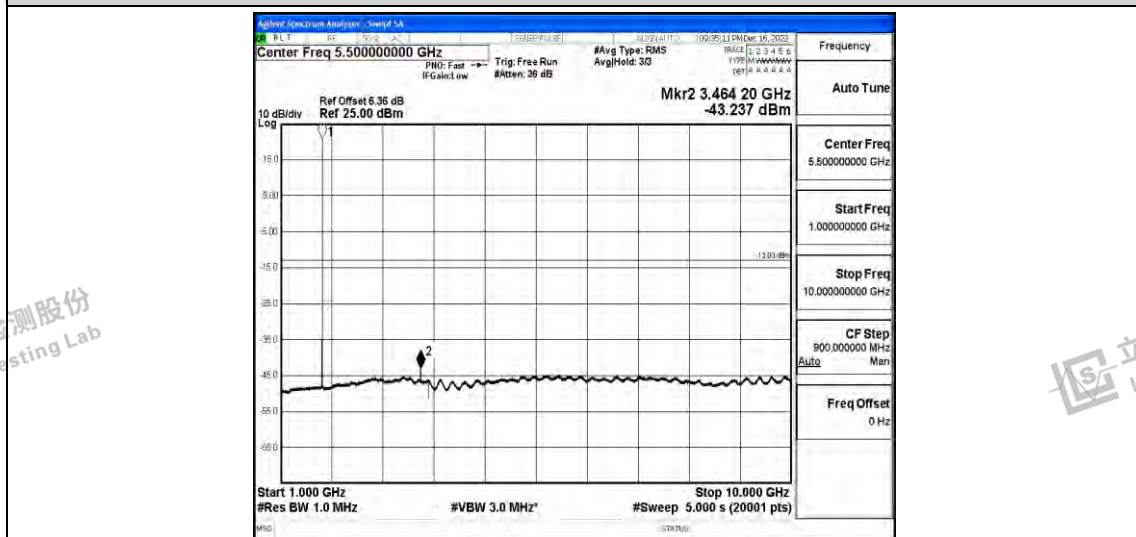
Band4-1.4MHz-QPSK-20175-1RB#0-Range2:0.15~30MHz



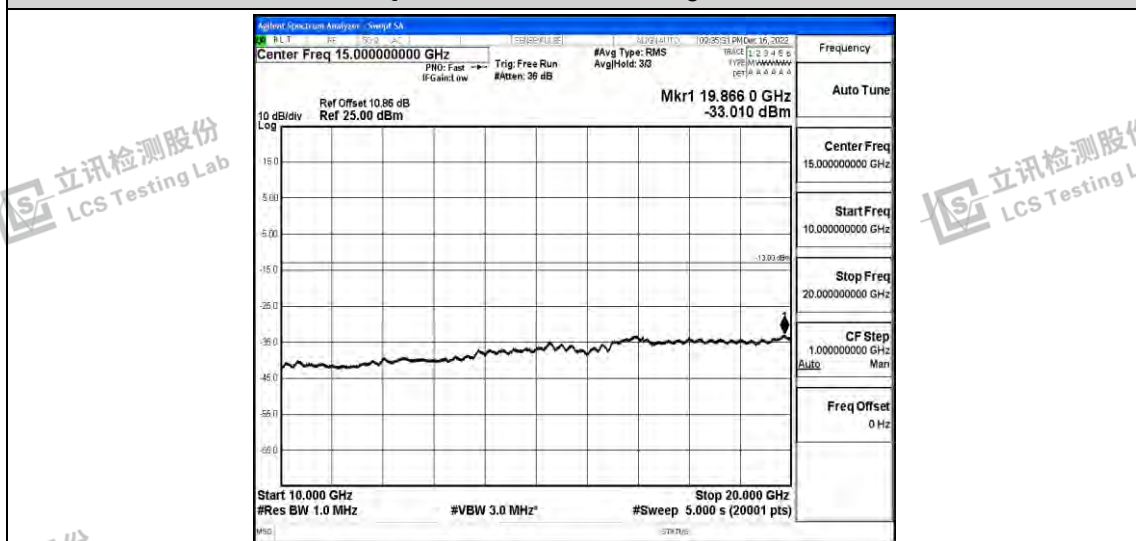
Band4-1.4MHz-QPSK-20175-1RB#0-Range3:30~1000MHz



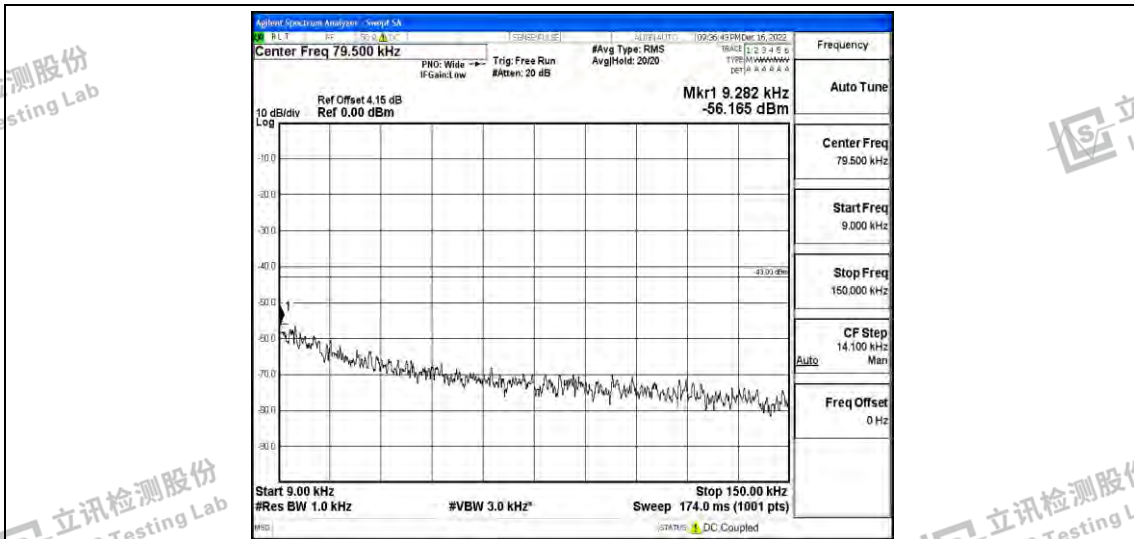
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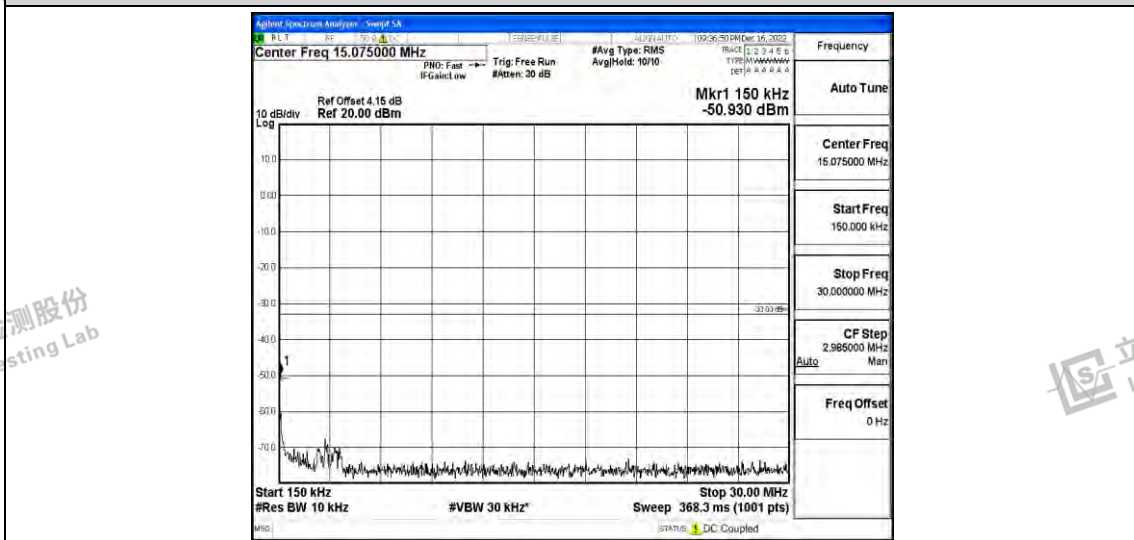
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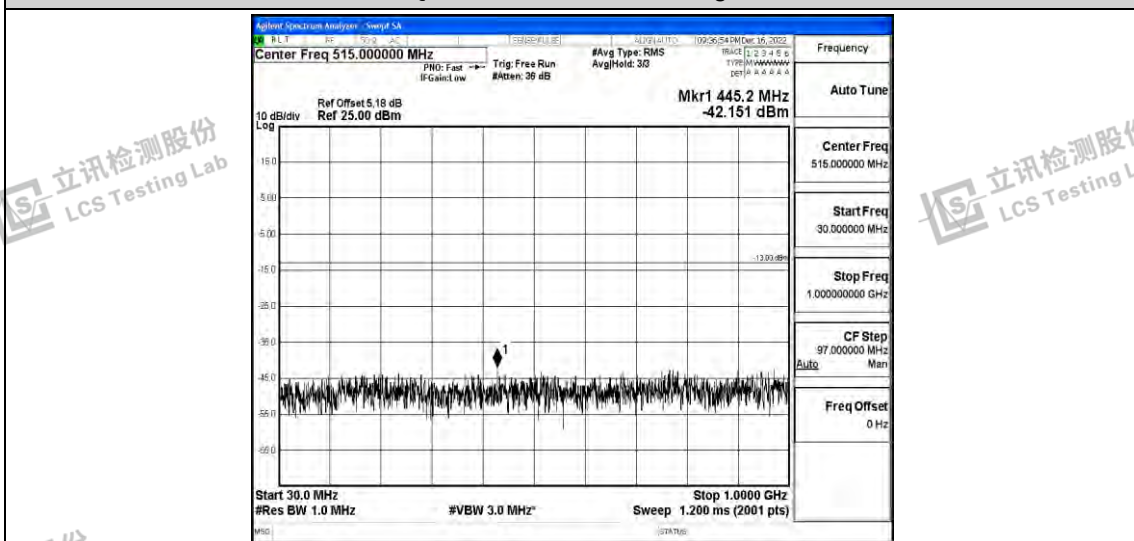
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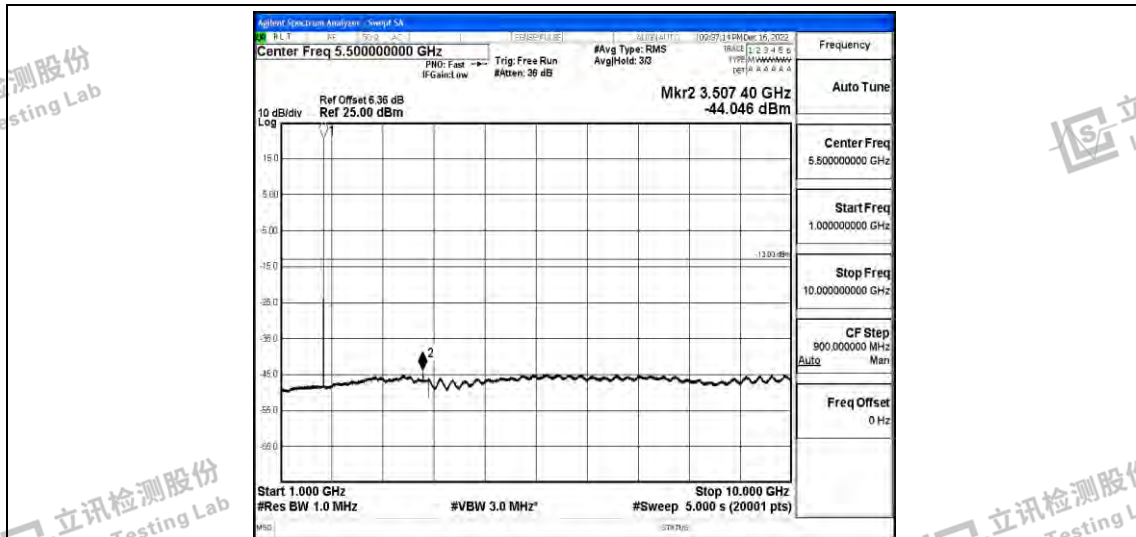
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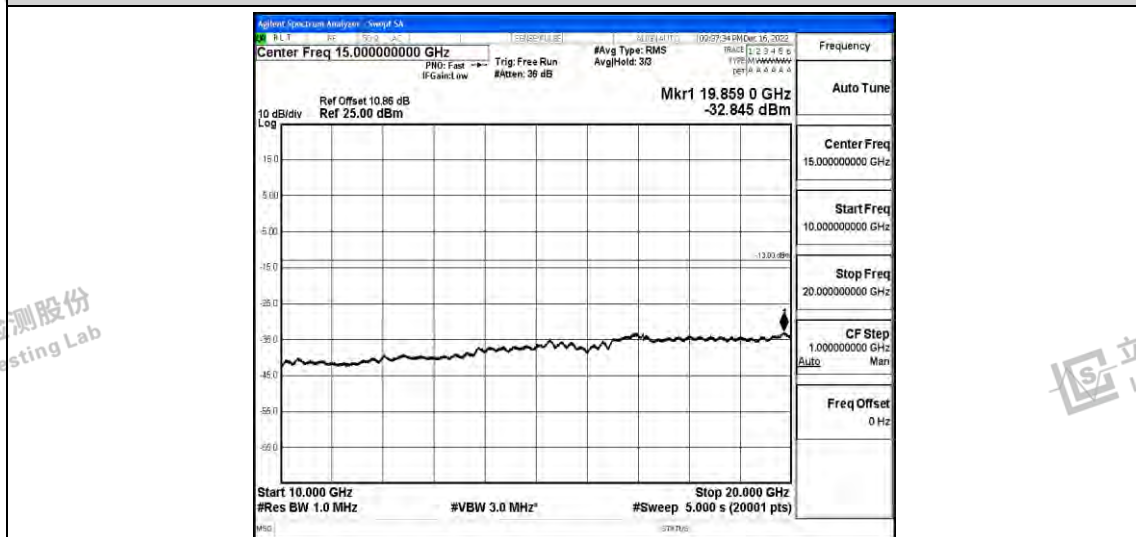
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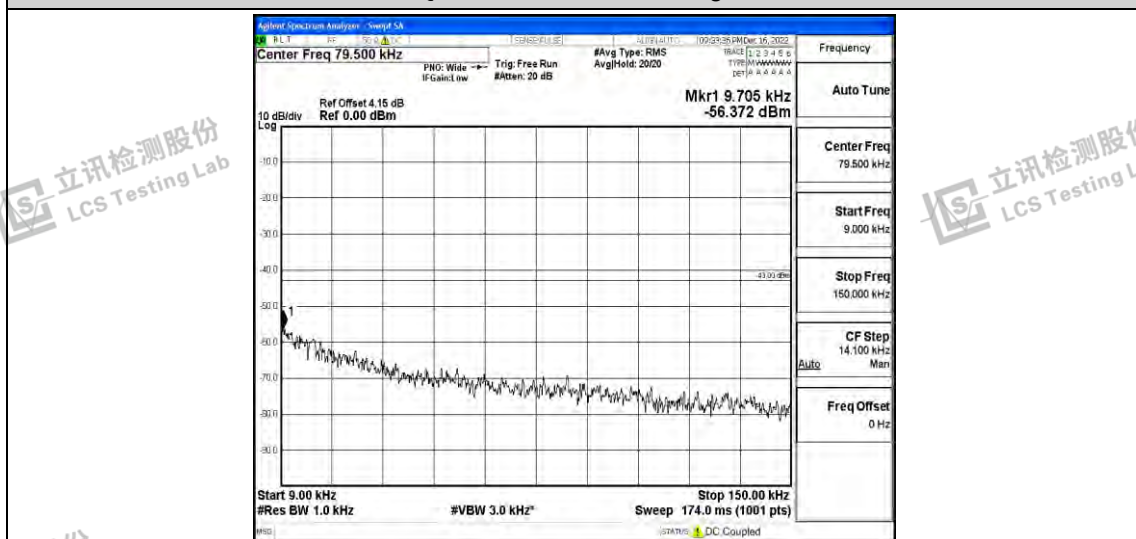
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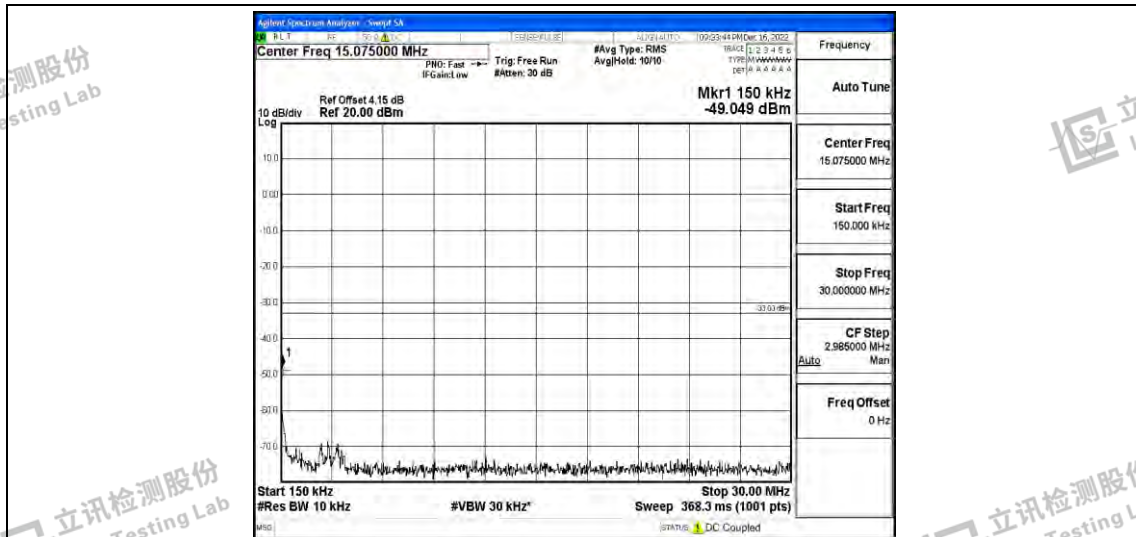
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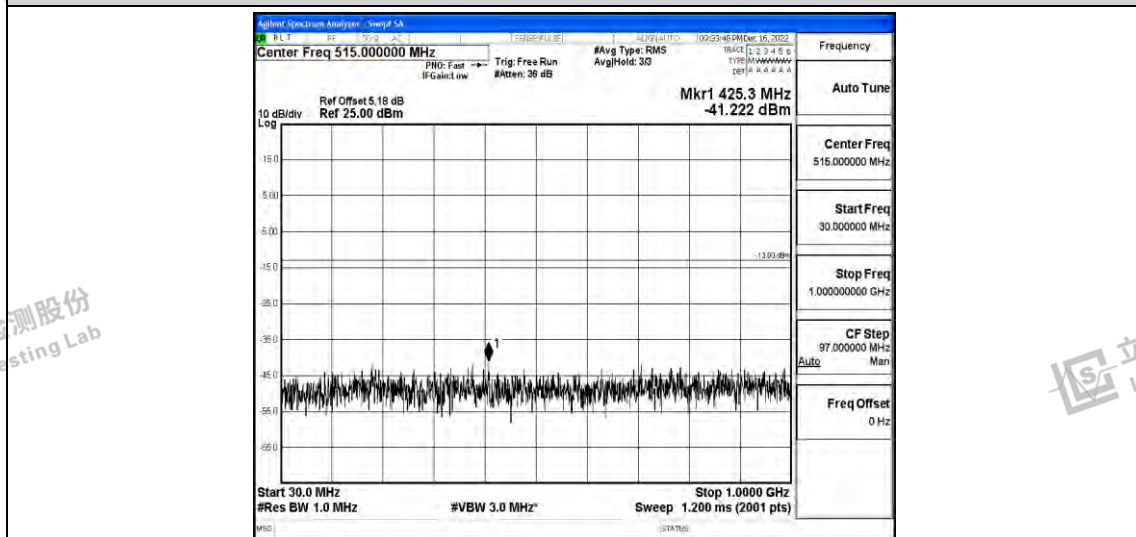
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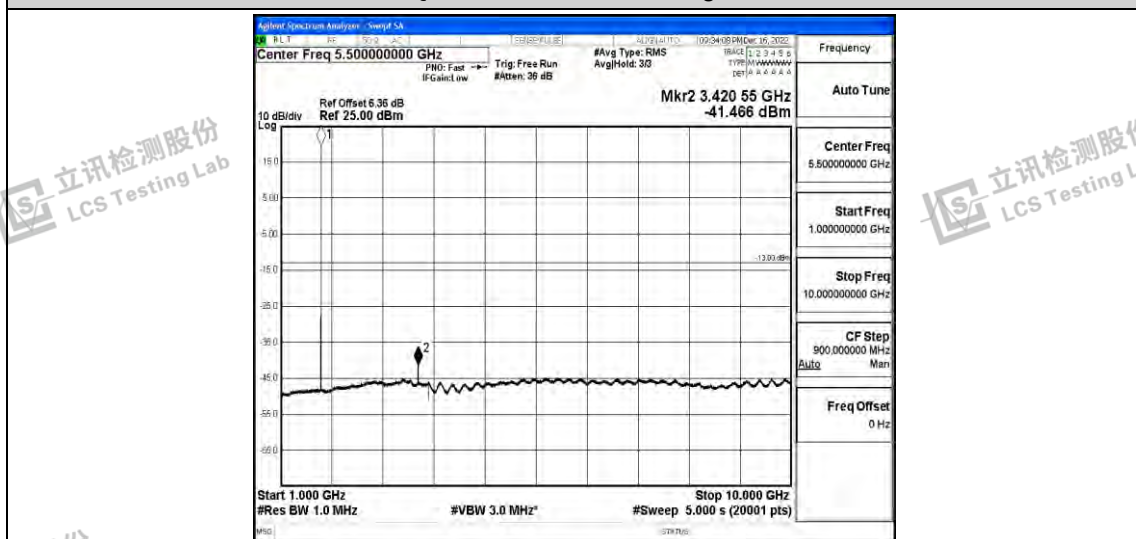
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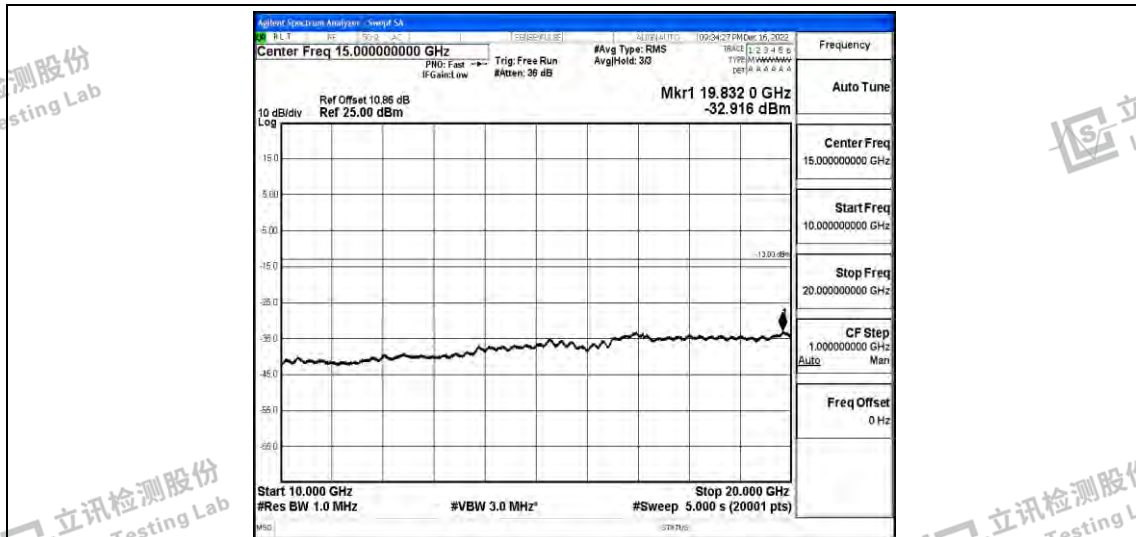
Band4-1.4MHz-16QAM-19957-1RB#0-Range3:30~1000MHz



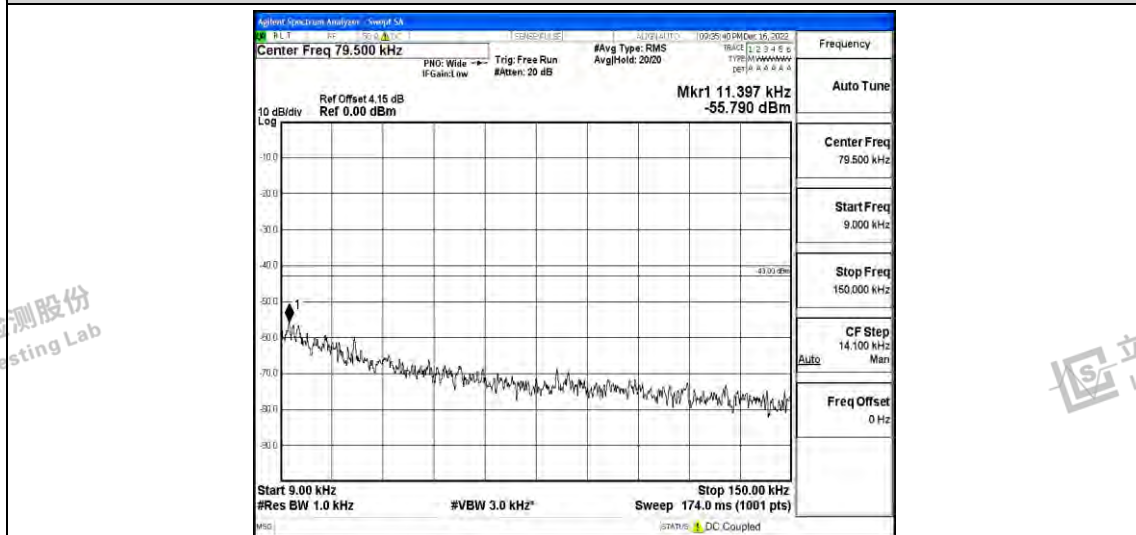
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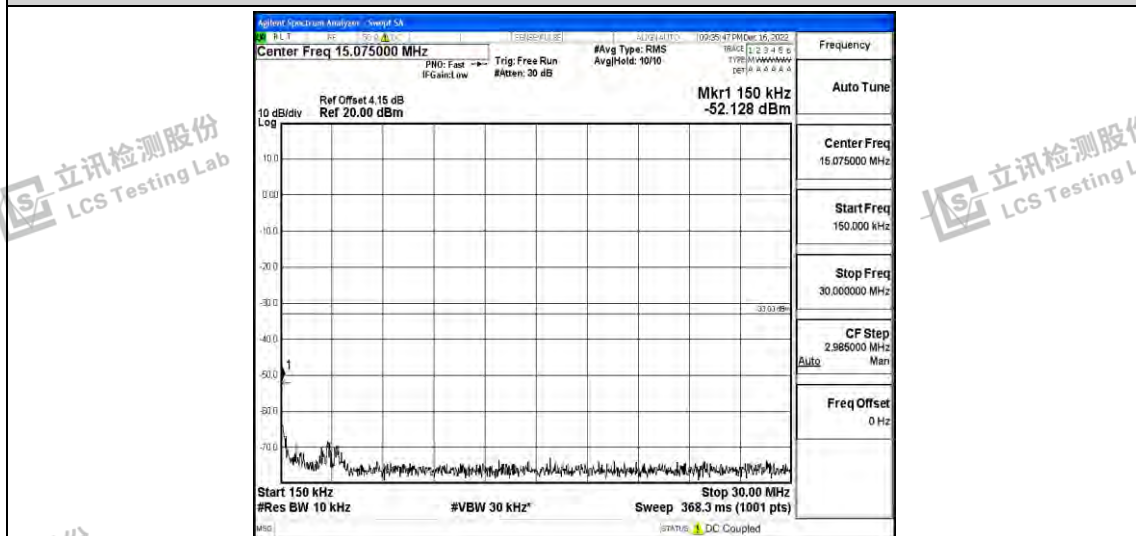
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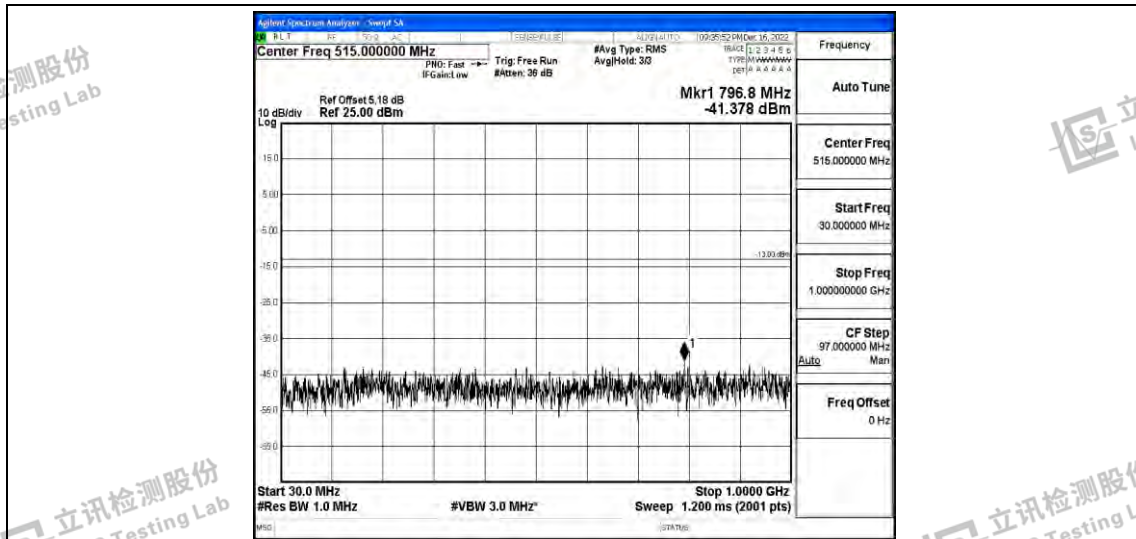
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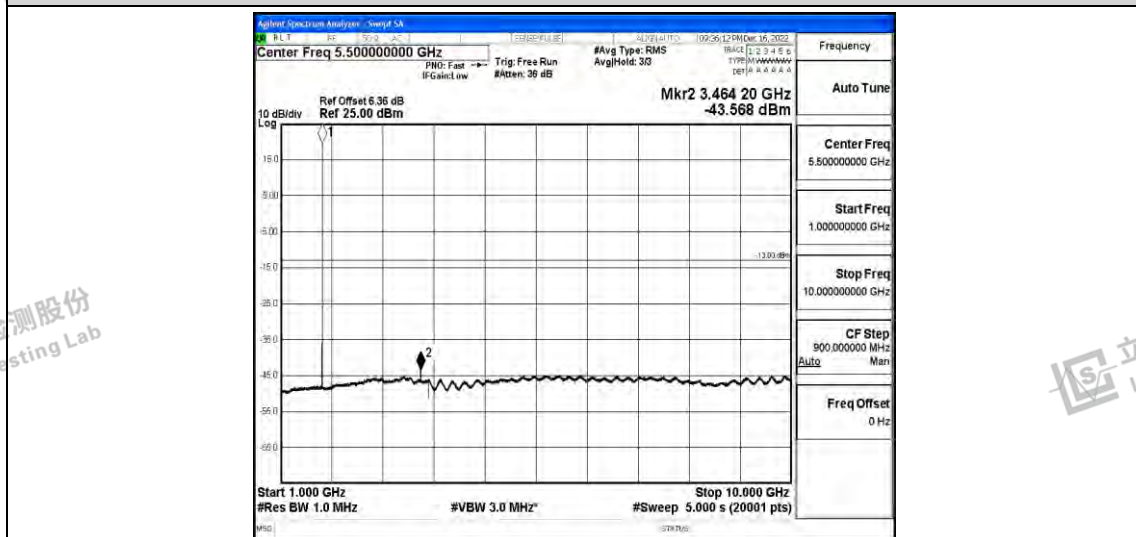
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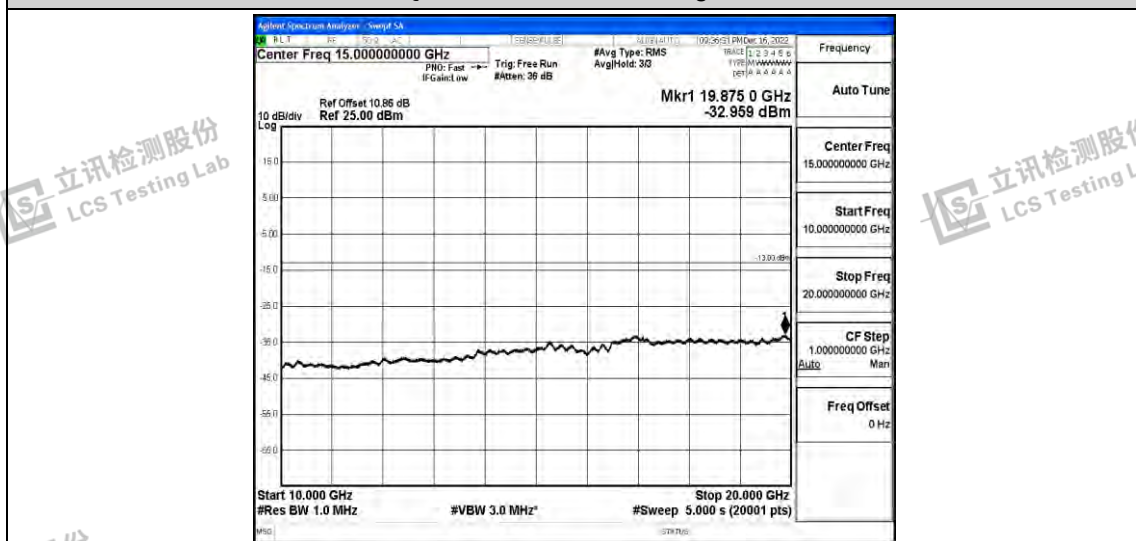
Band4-1.4MHz-16QAM-20175-1RB#0-Range3:30~1000MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range4:1000~10000MHz



Band4-1.4MHz-16QAM-20175-1RB#0-Range5:10000~20000MHz



Band4-1.4MHz-16QAM-20393-1RB#0-Range1:0.009~0.15MHz