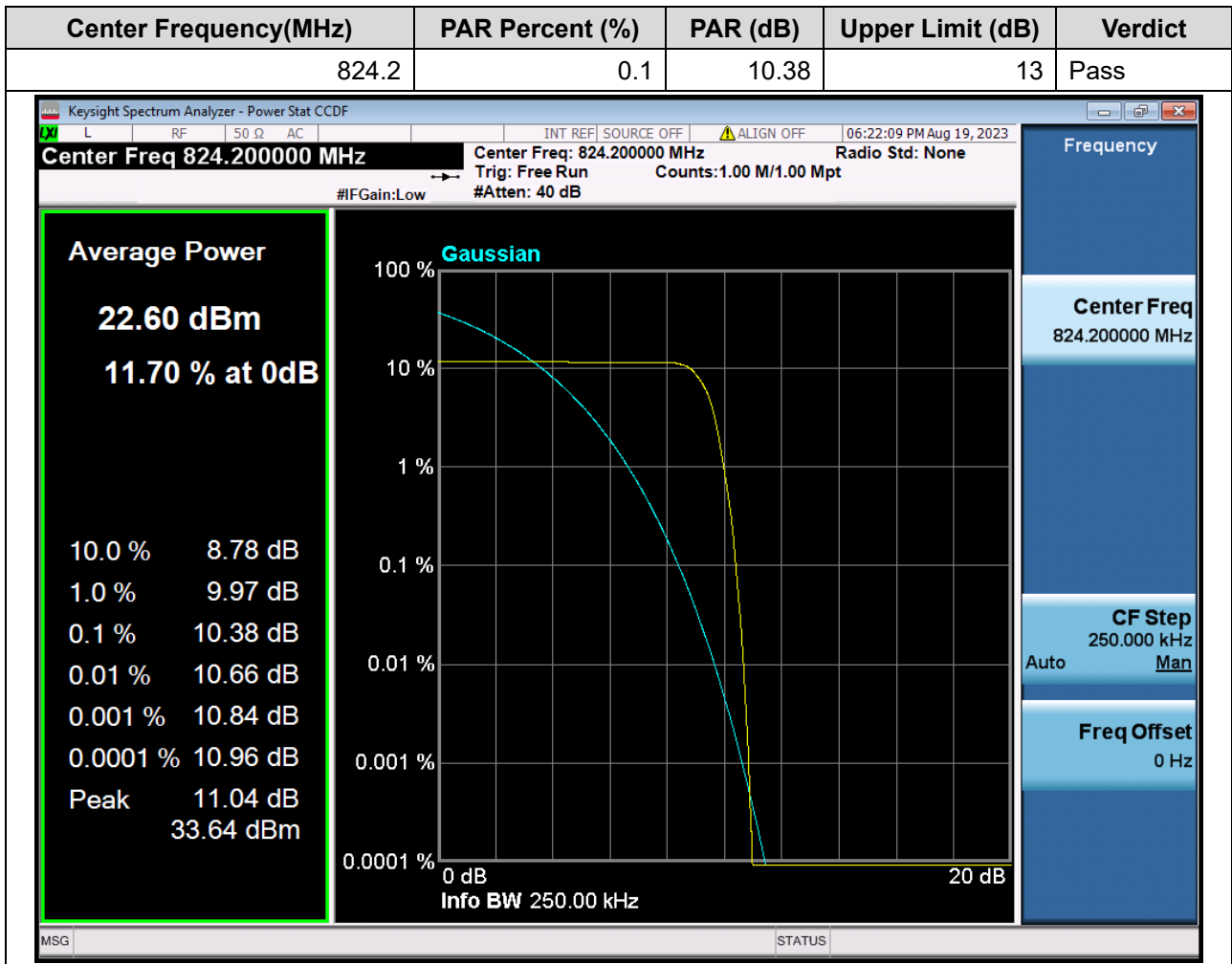


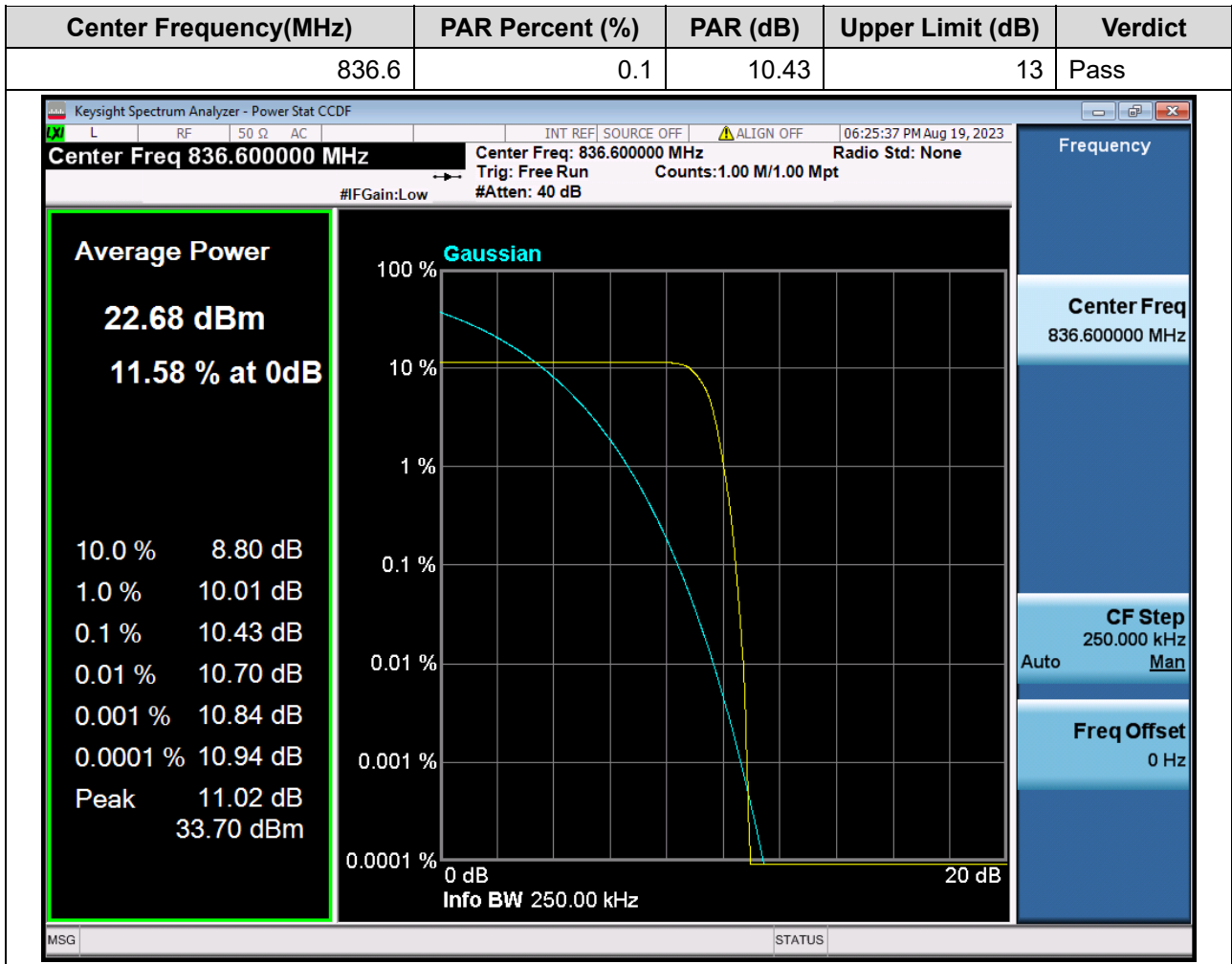
EXHIBIT A. Peak to Average Ratio

1. GSM_GSM850

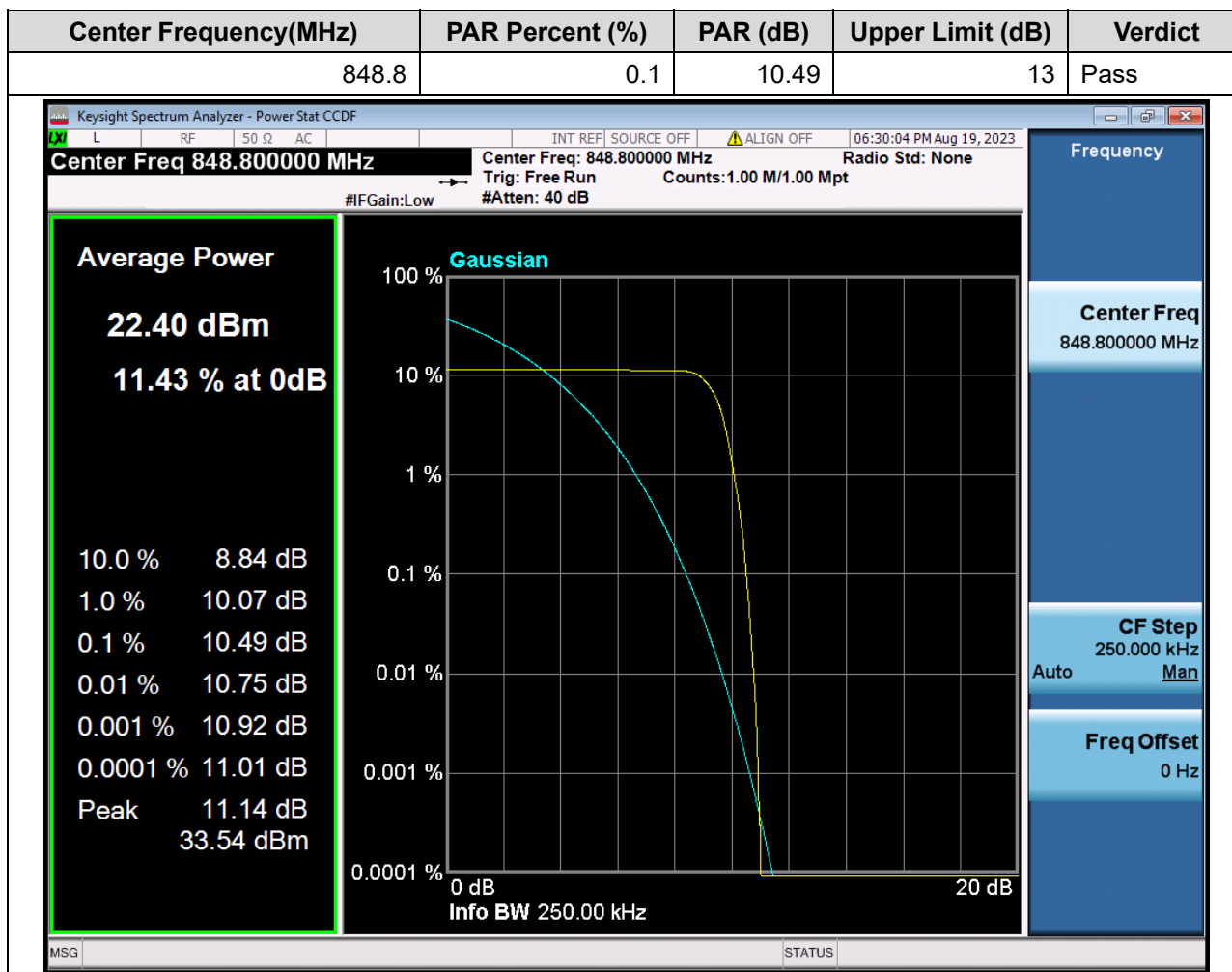
1.1.GSM Peak to Average Ratio(NTNV)(Channel:128)



1.2. GSM Peak to Average Ratio(NTNV)(Channel:190)



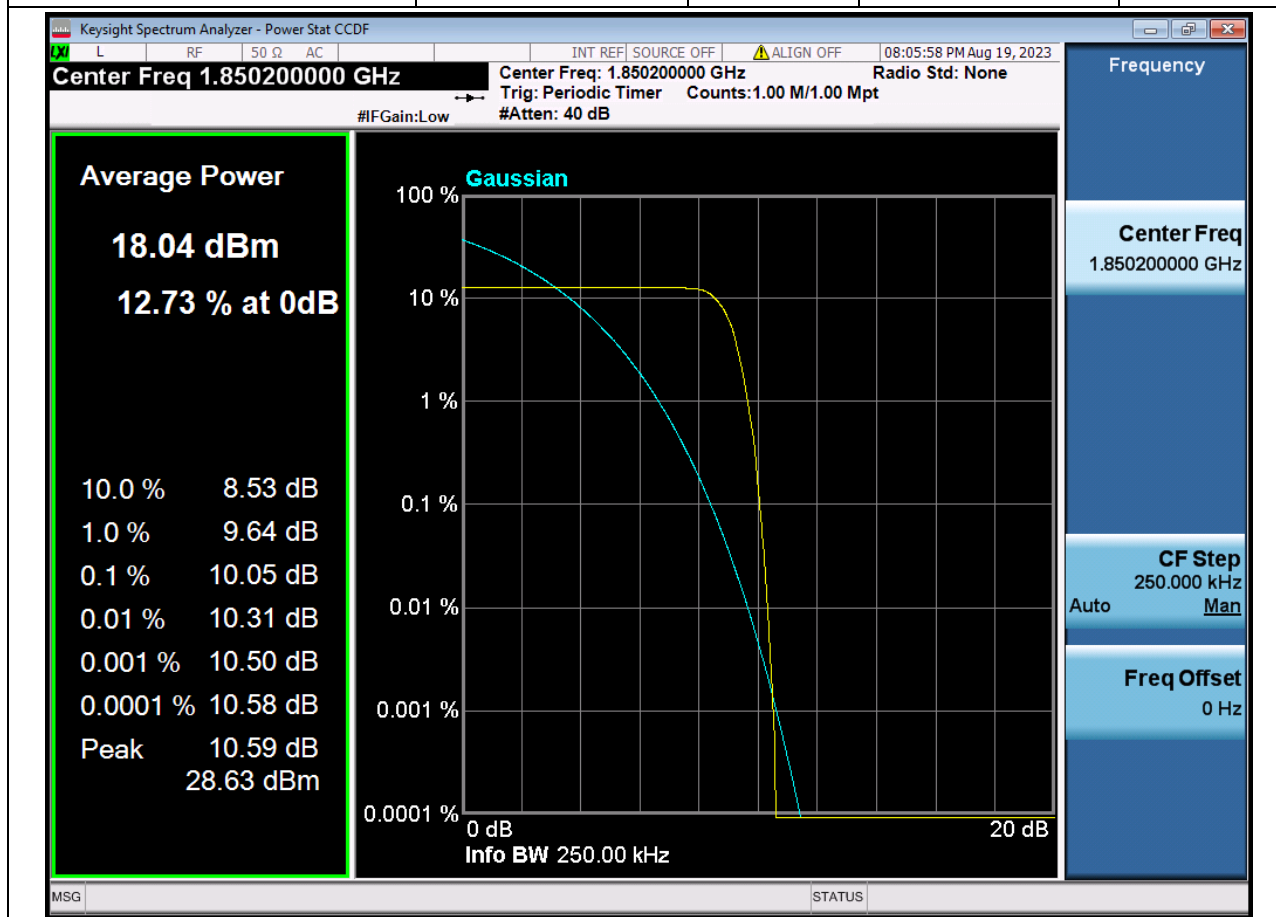
1.3. GSM Peak to Average Ratio(NTNV)(Channel:251)



2. GSM_PCS

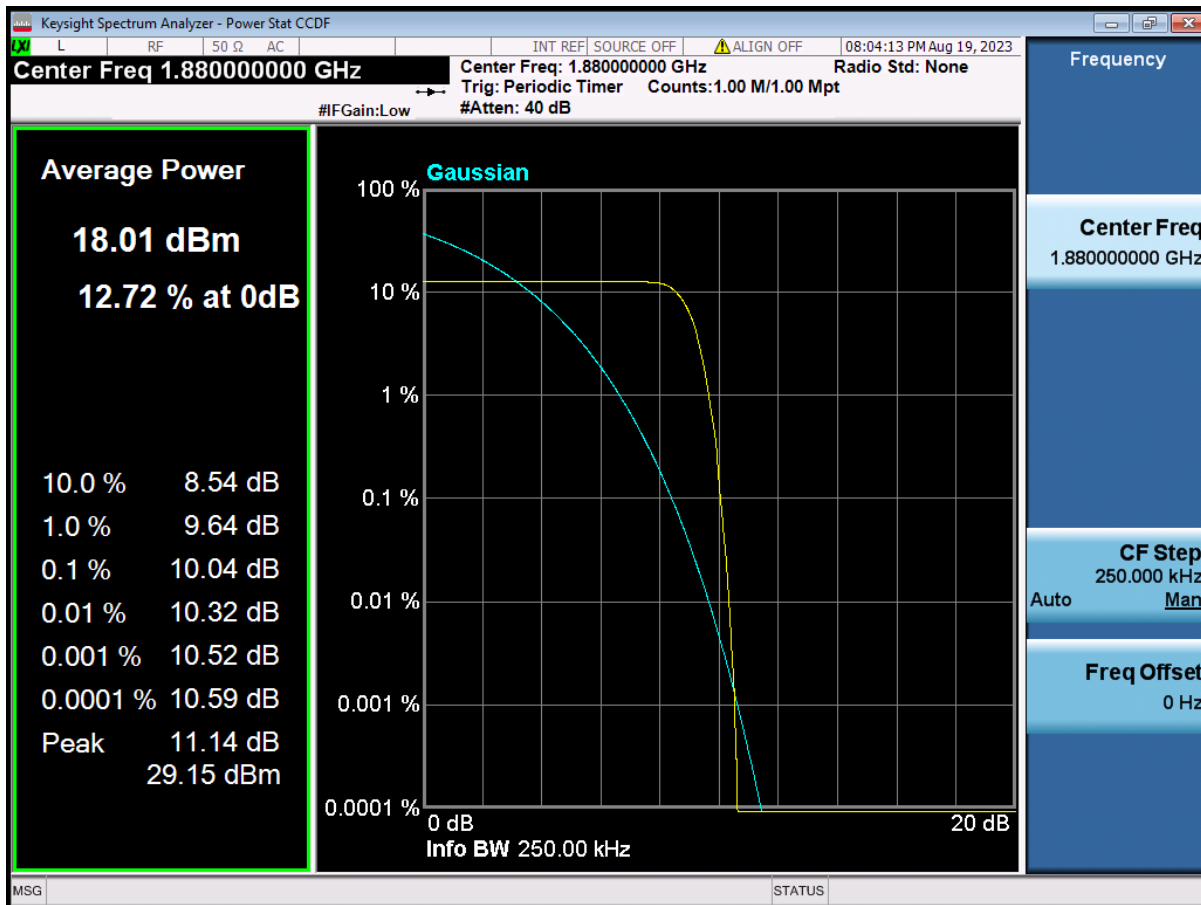
2.1. GSM Peak to Average Ratio(NTNV)(Channel:512)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1850.2	0.1	10.05	13	Pass

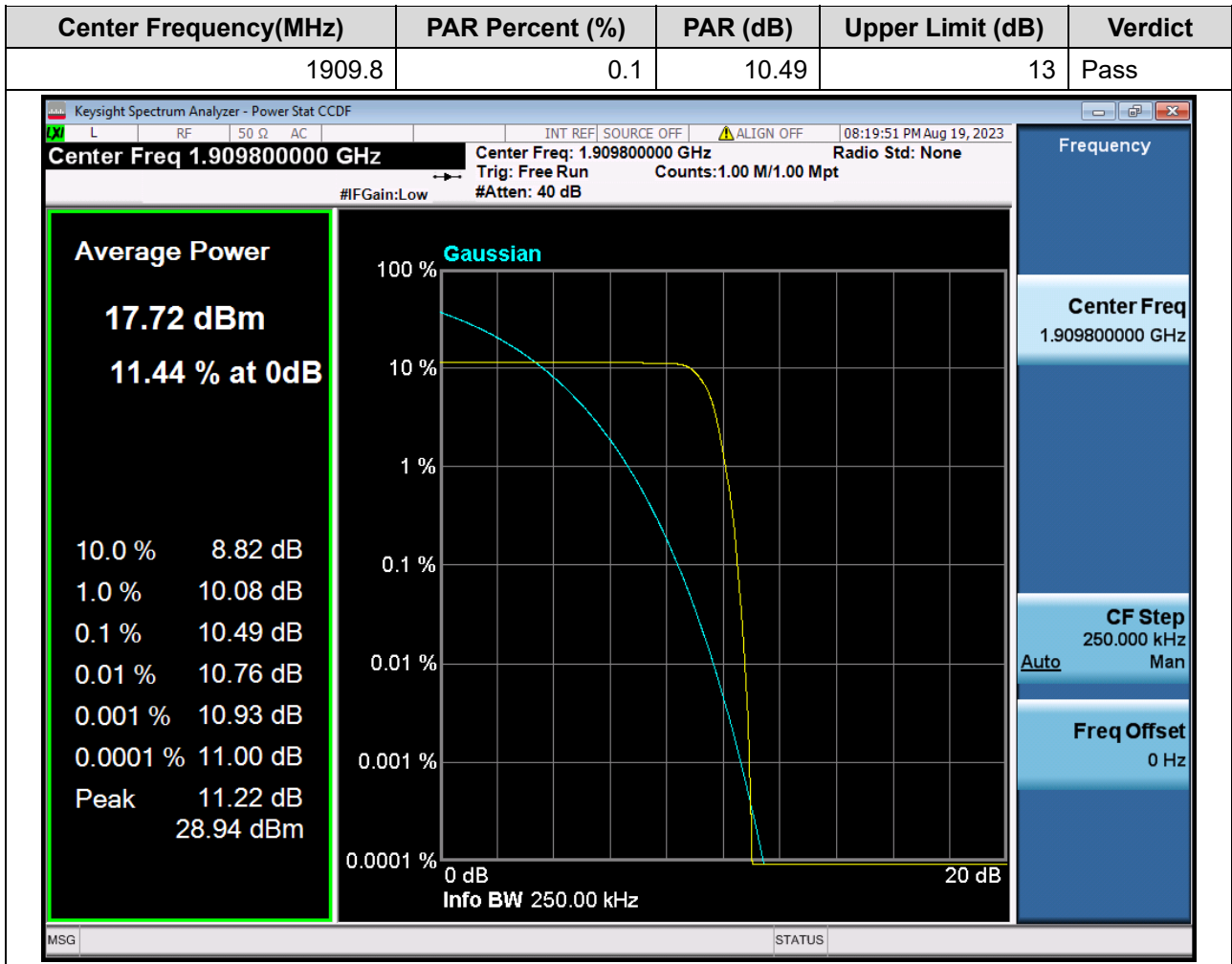


2.2. GSM Peak to Average Ratio(NTNV)(Channel:661)

Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1880	0.1	10.04	13	Pass

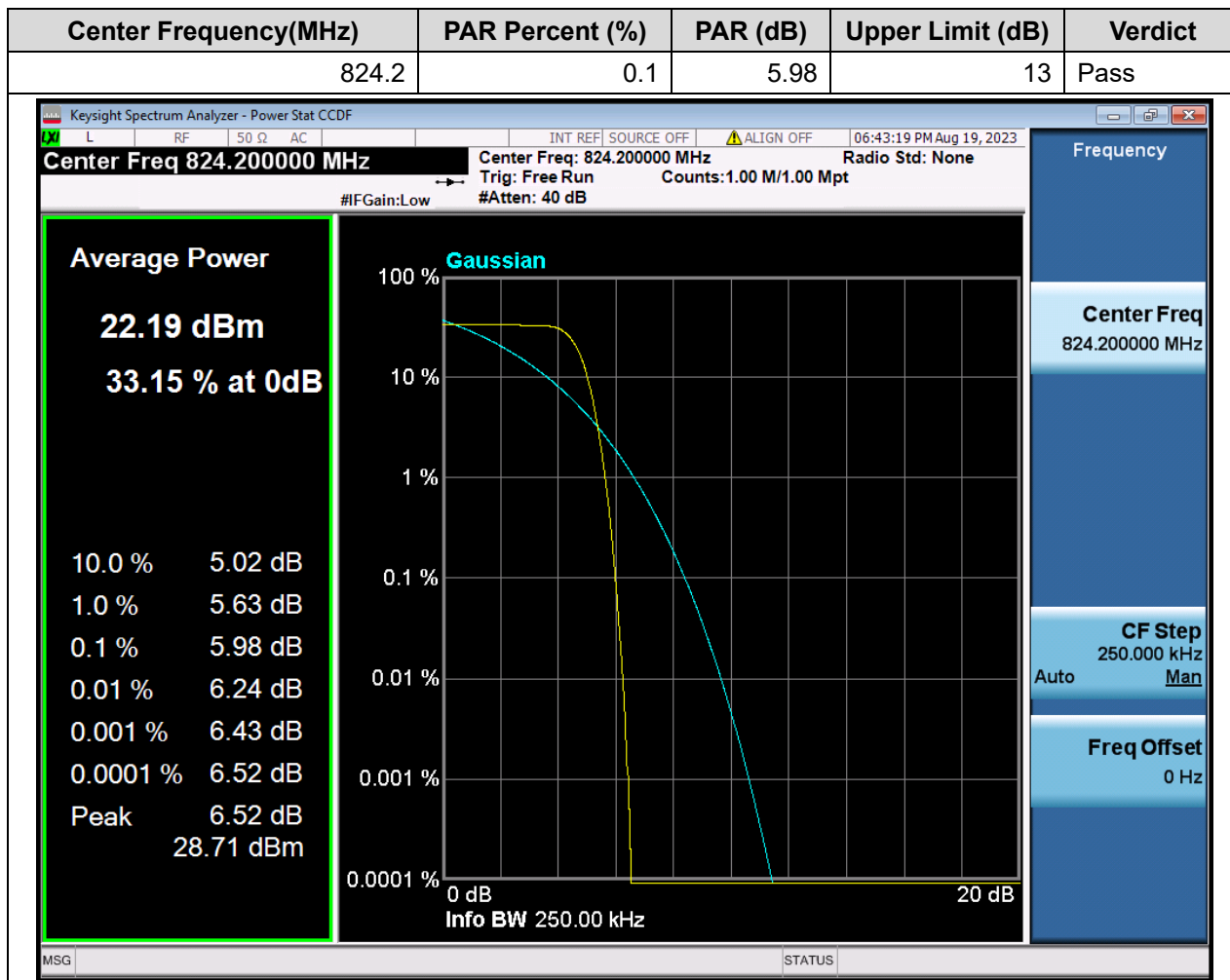


2.3. GSM Peak to Average Ratio(NTNV)(Channel:810)

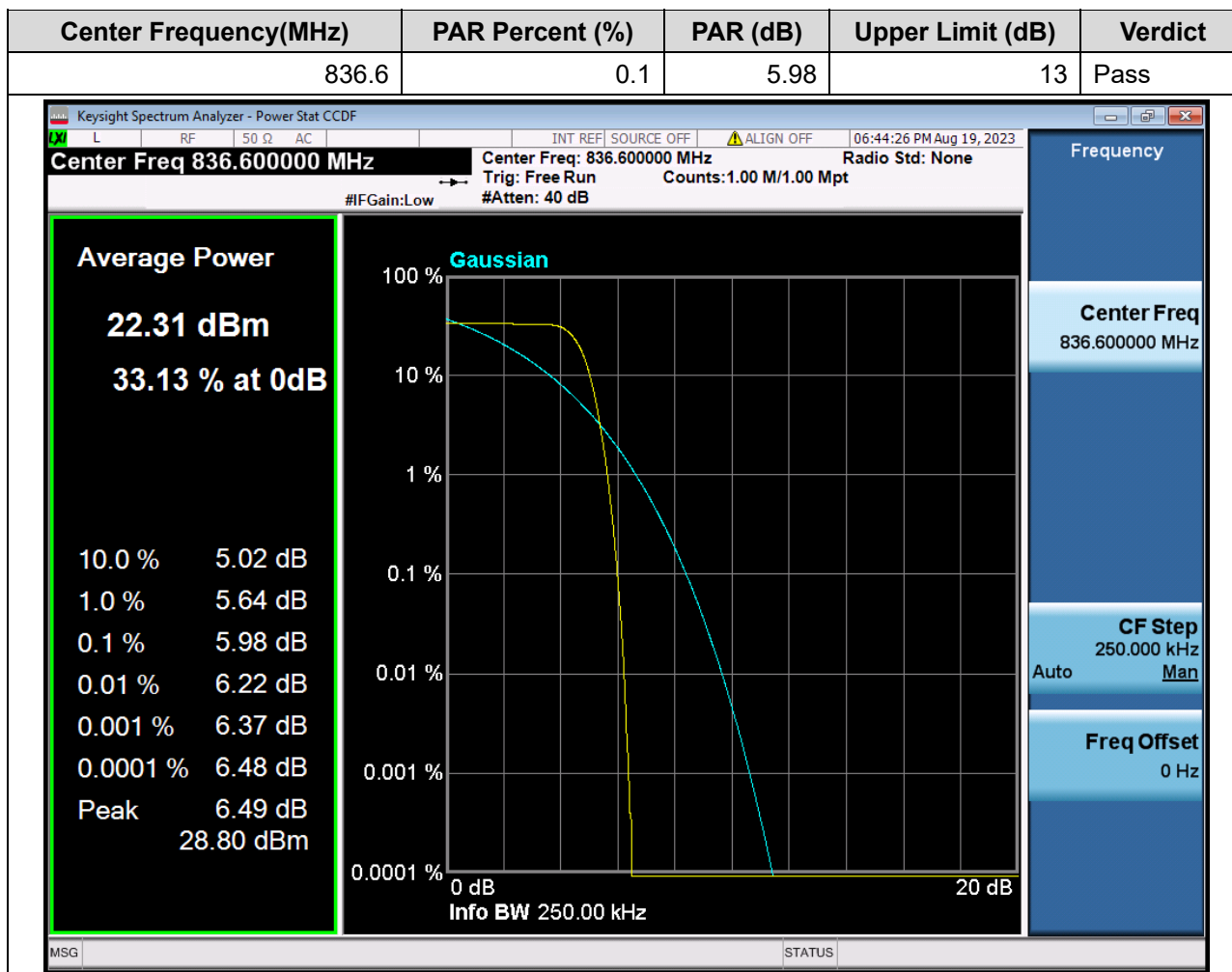


3. GPRS_GSM850

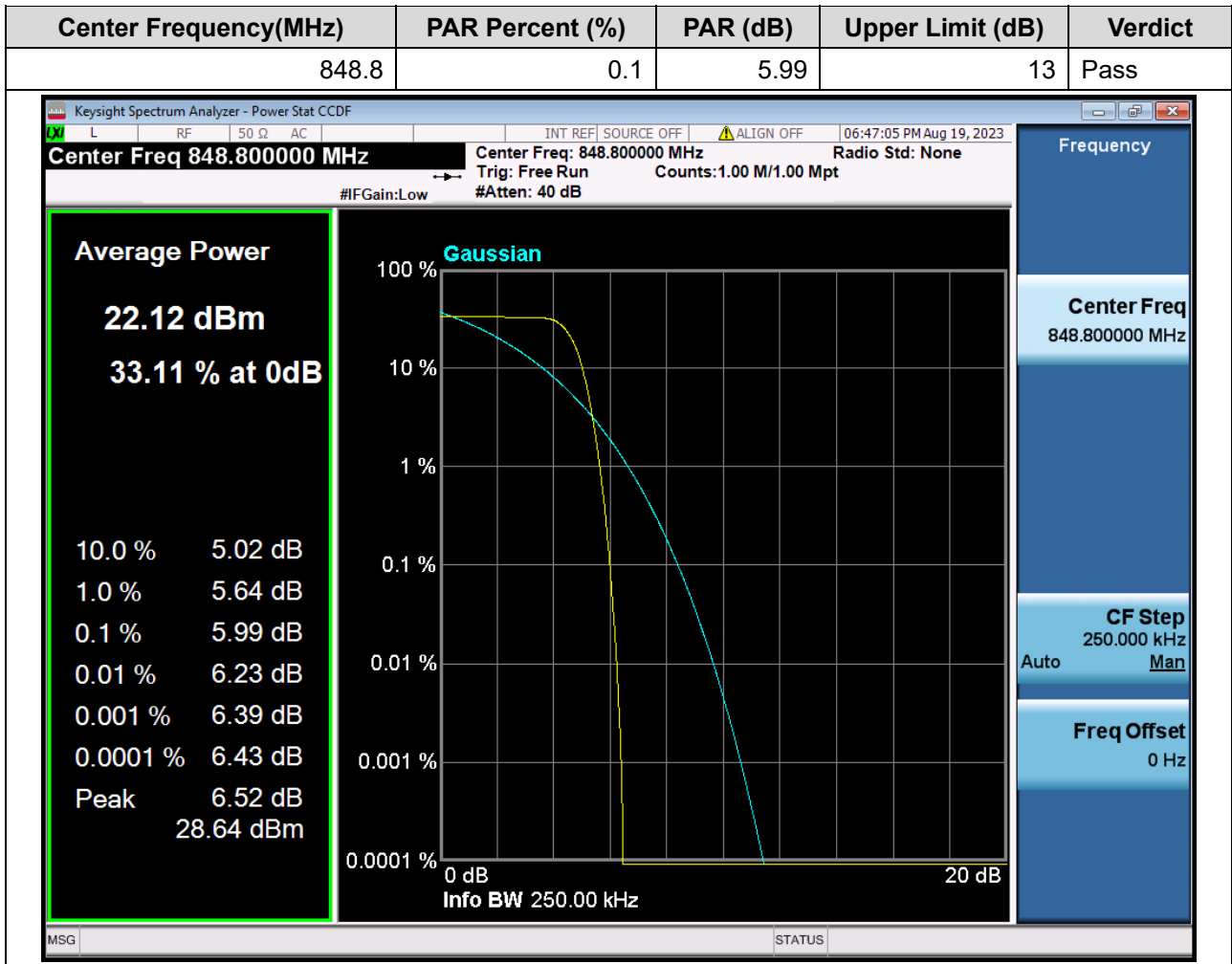
3.1.GPRS Peak to Average Ratio(NTNV)(Channel:128)



3.2. GPRS Peak to Average Ratio(NTNV)(Channel:190)



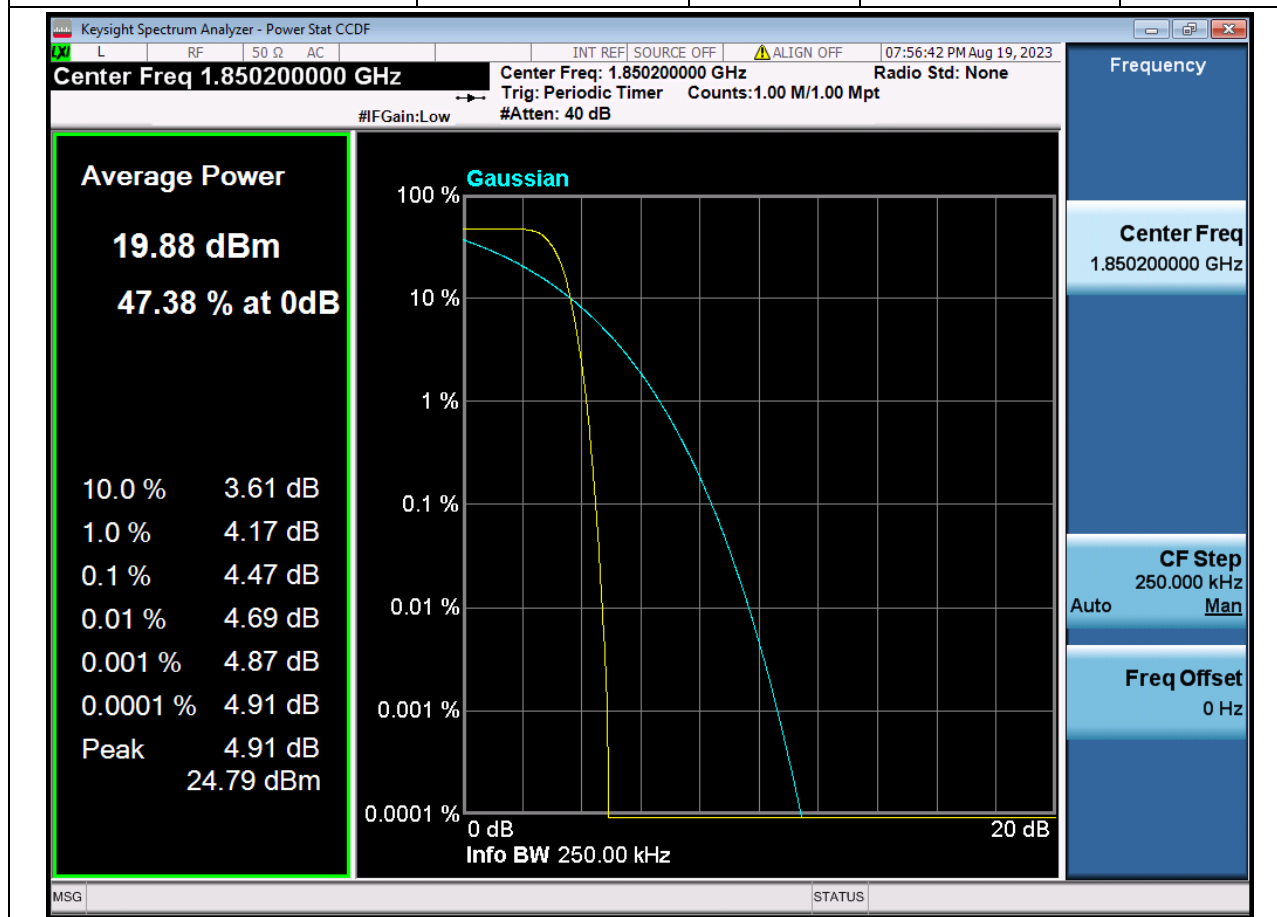
3.3. GPRS Peak to Average Ratio(NTNV)(Channel:251)



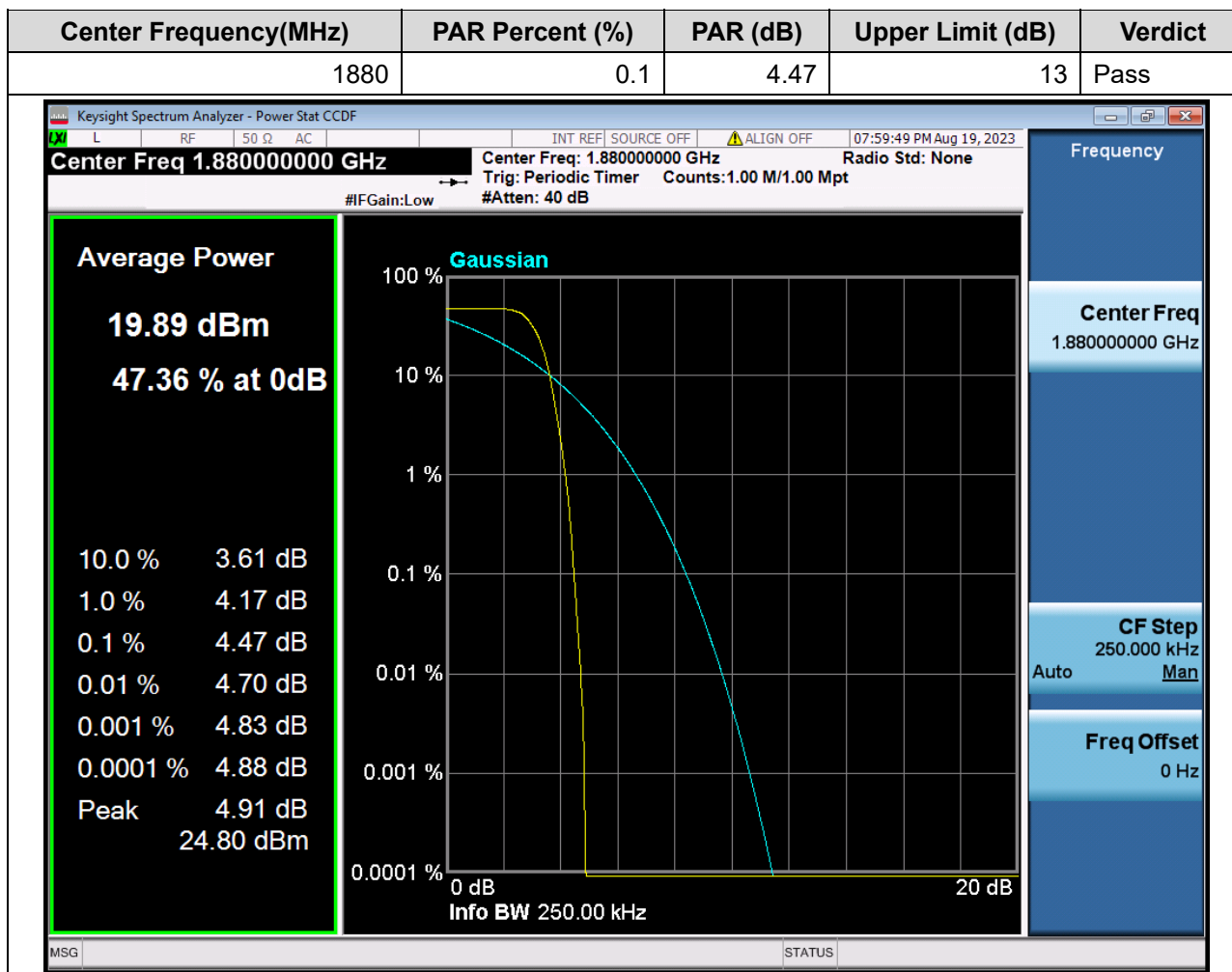
4. GPRS_PCS

4.1. GPRS Peak to Average Ratio(NTNV)(Channel:512)

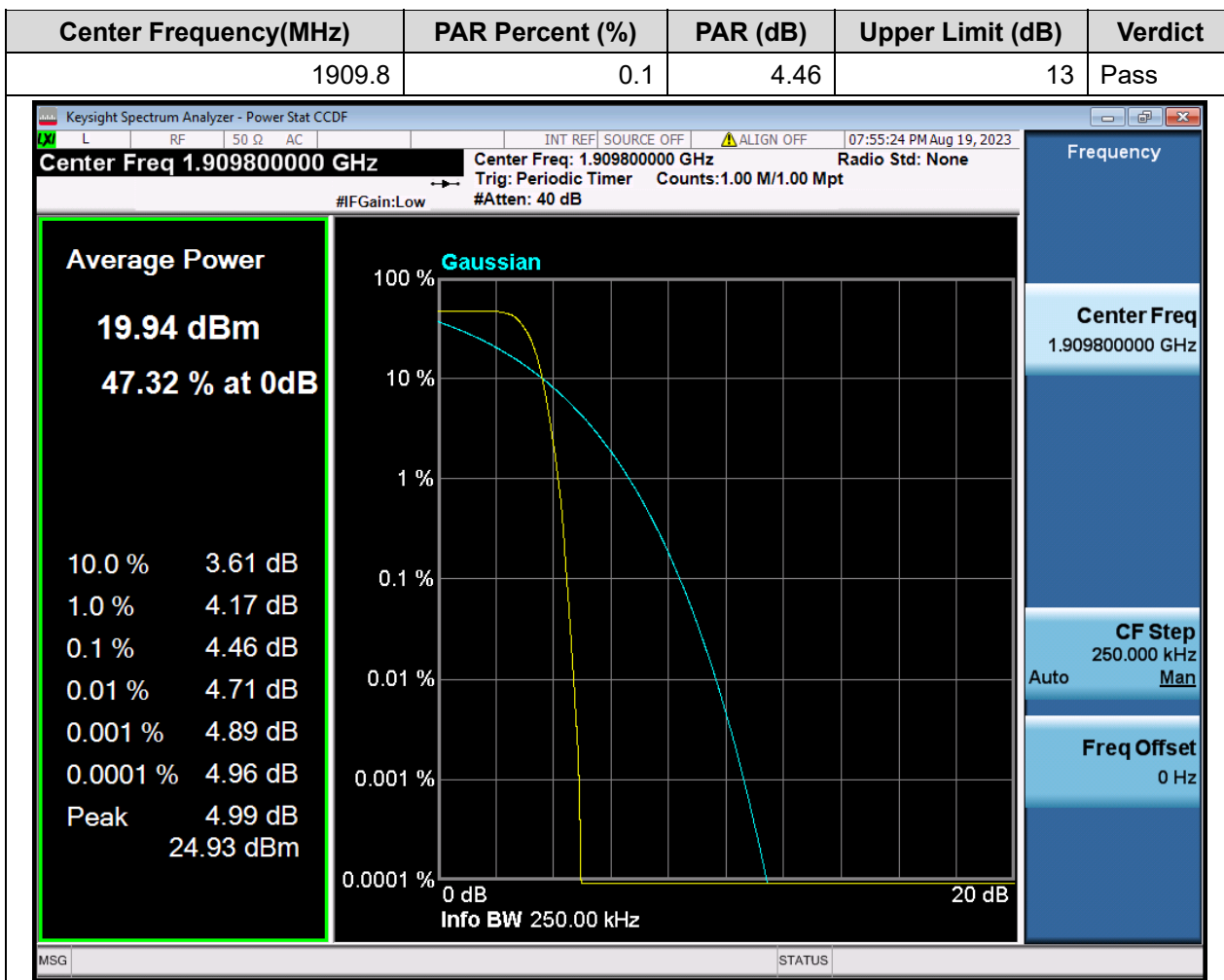
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1850.2	0.1	4.47	13	Pass



4.2. GPRS Peak to Average Ratio(NTNV)(Channel:661)



4.3. GPRS Peak to Average Ratio(NTNV)(Channel:810)



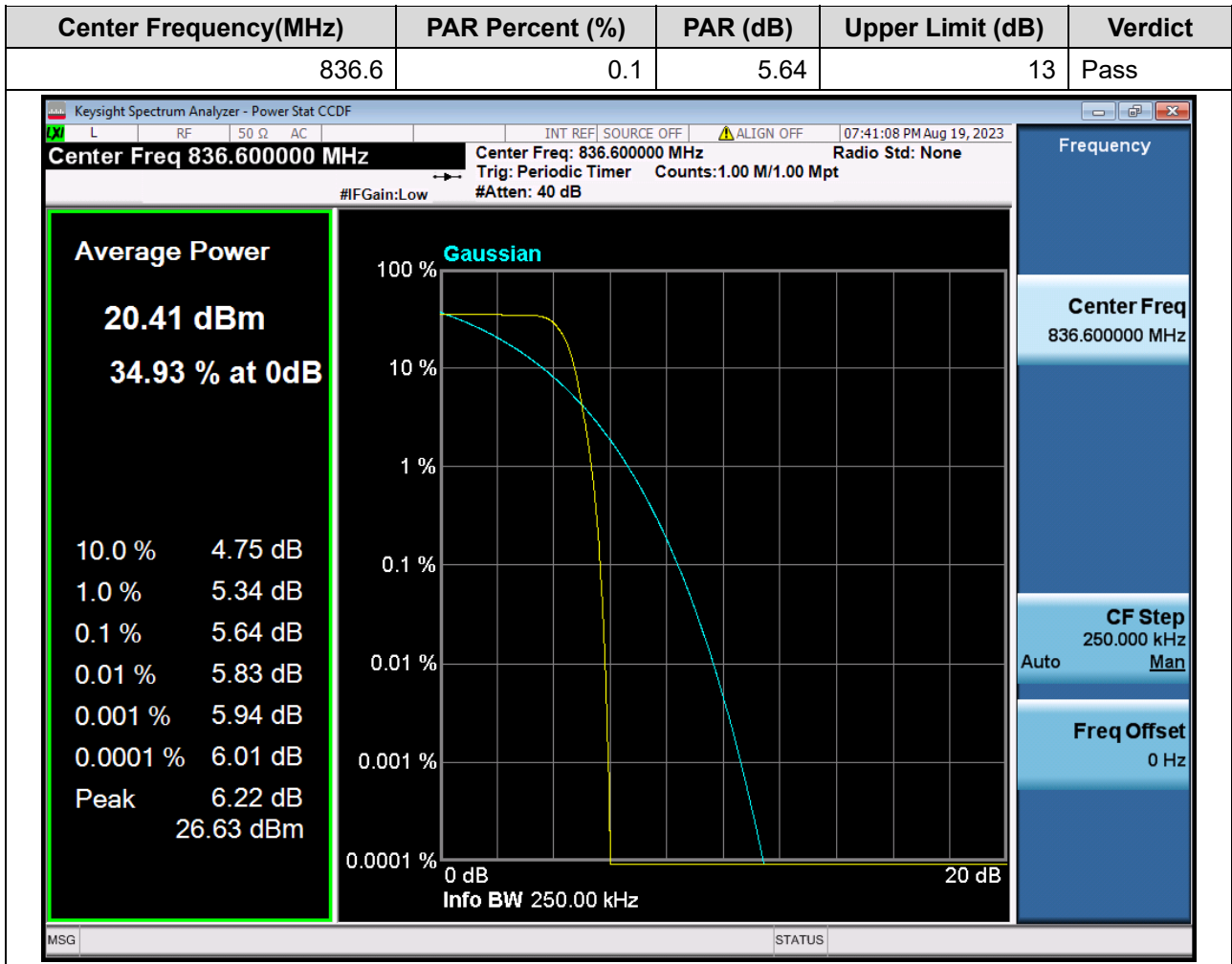
5. EGPRS_GSM850

5.1. EGPRS Peak to Average Ratio (NTNV) (Channel: 128)

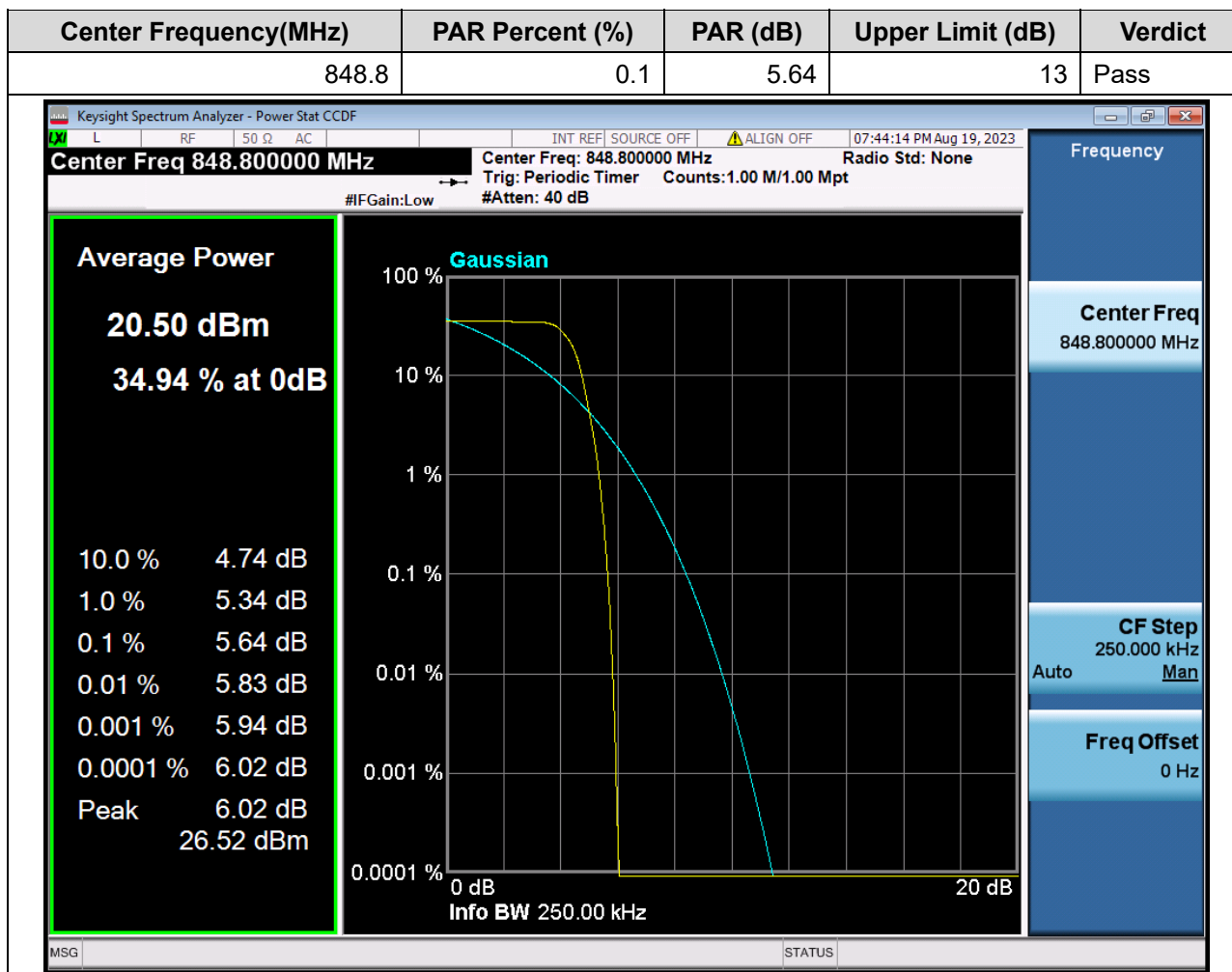
Center Frequency (MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
824.2	0.1	5.65	13	Pass



5.2. EGPRS Peak to Average Ratio(NTNV)(Channel:190)



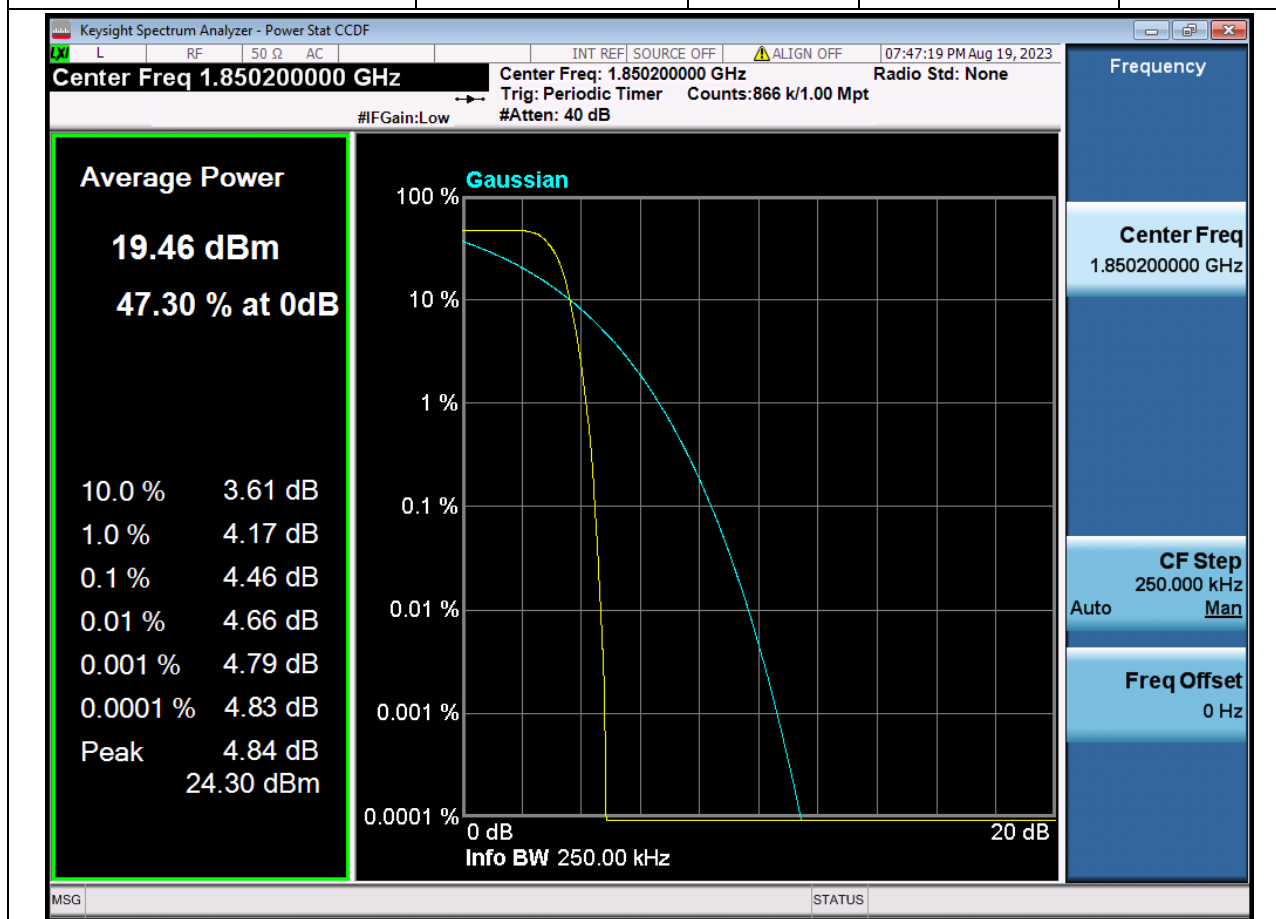
5.3. EGPRS Peak to Average Ratio(NTNV)(Channel:251)



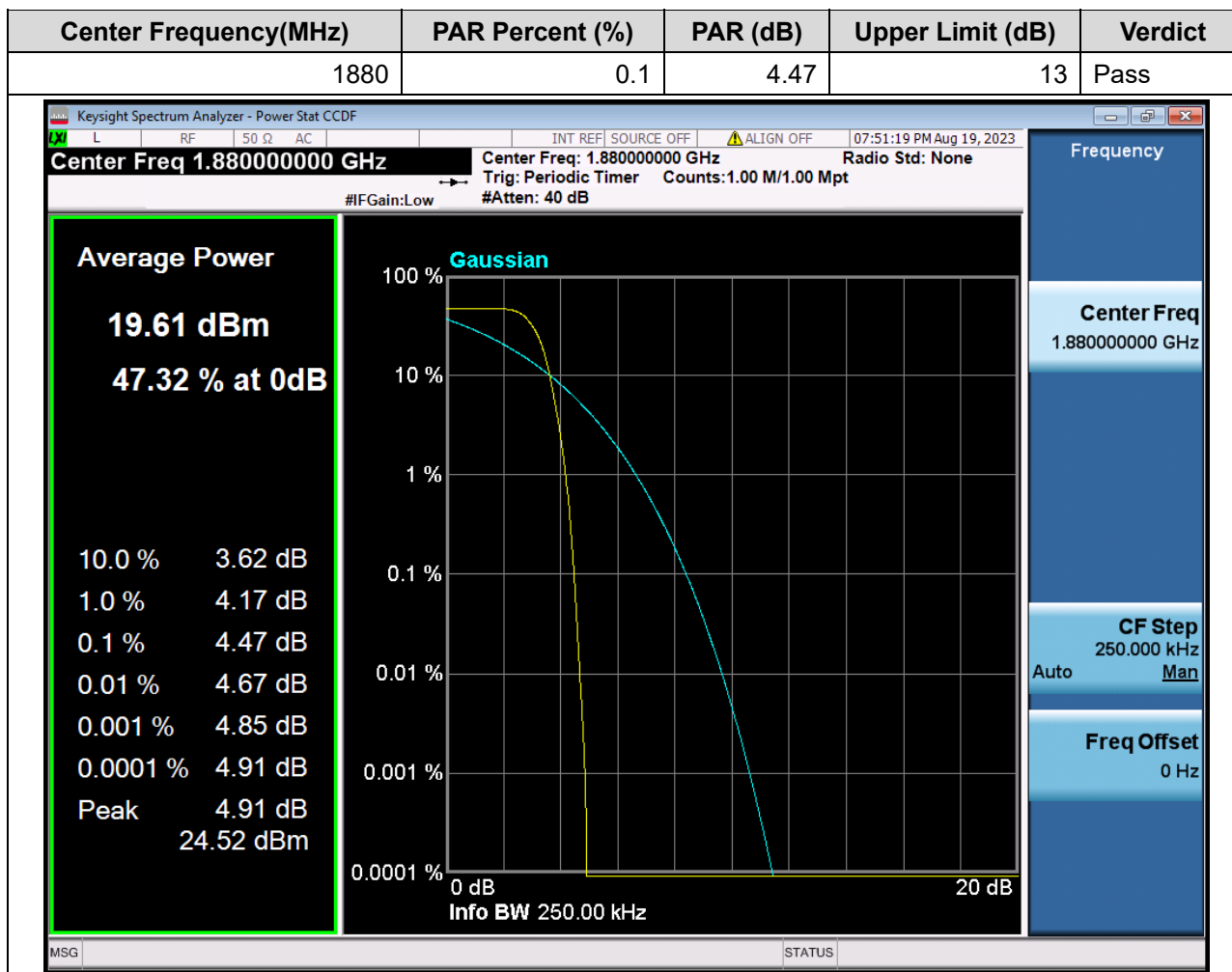
6. EGPRS_PCS

6.1. EGPRS Peak to Average Ratio(NTNV)(Channel:512)

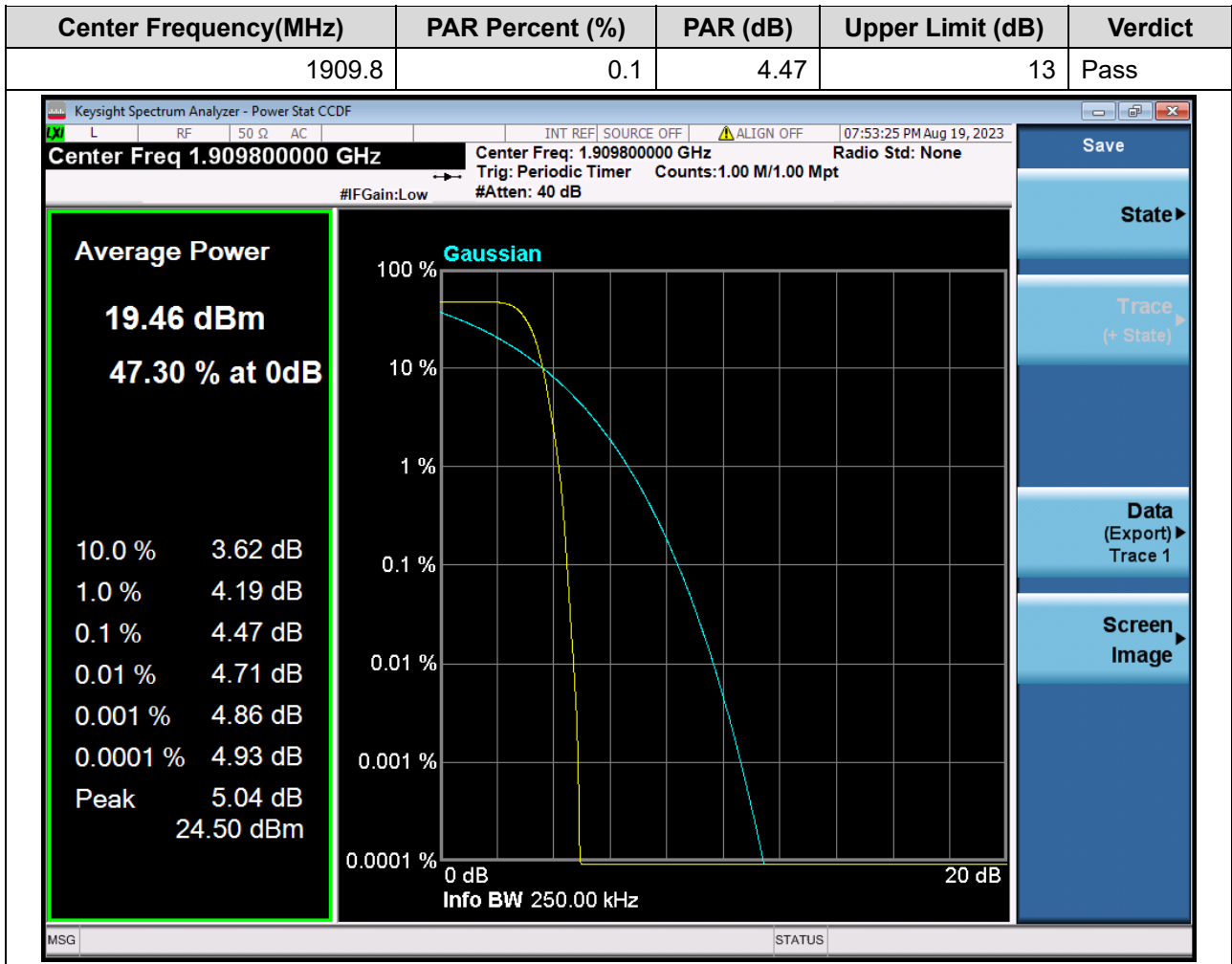
Center Frequency(MHz)	PAR Percent (%)	PAR (dB)	Upper Limit (dB)	Verdict
1850.2	0.1	4.46	13	Pass



6.2. EGPRS Peak to Average Ratio(NTNV)(Channel:661)

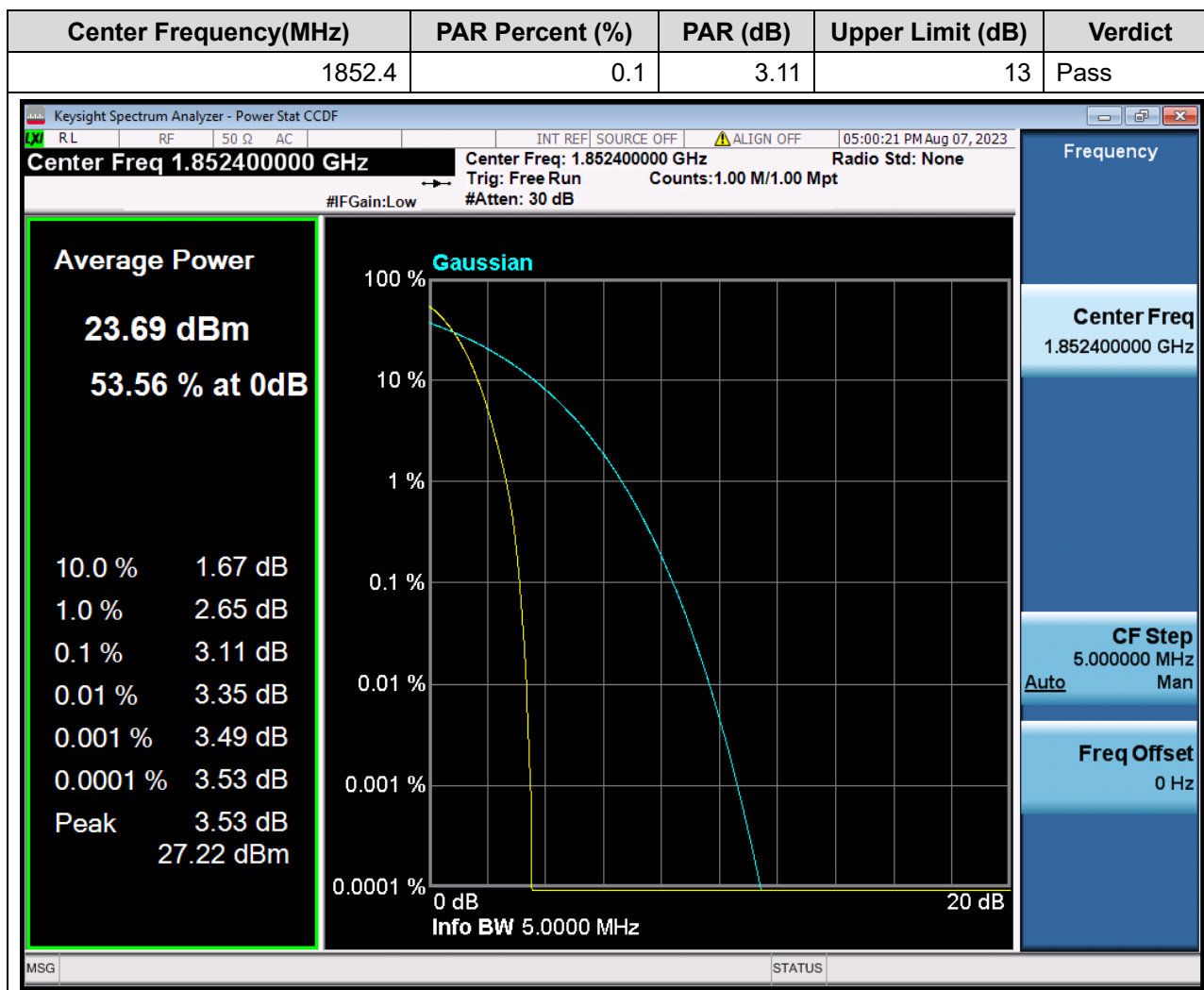


6.3. EGPRS Peak to Average Ratio(NTNV)(Channel:810)

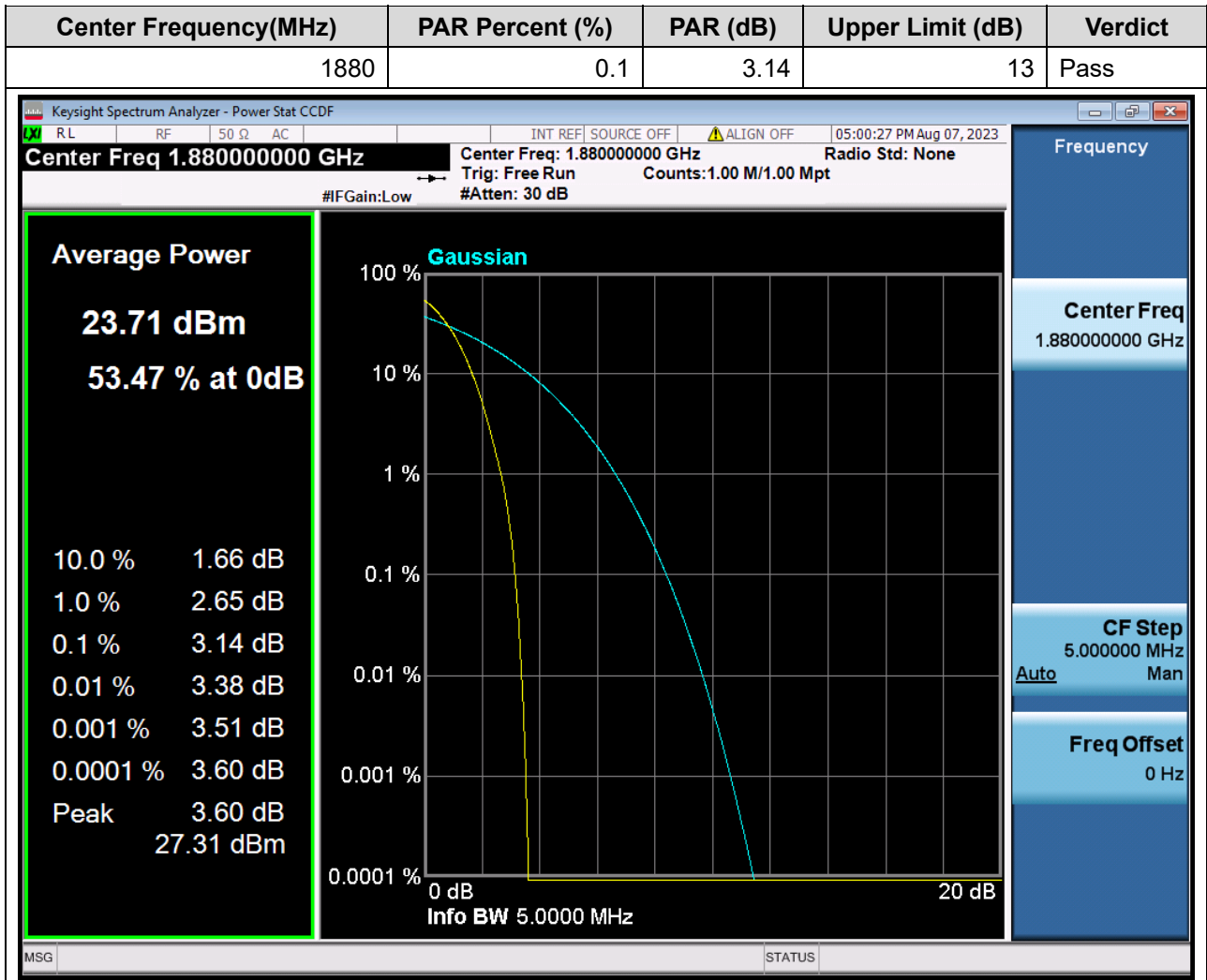


7. WCDMA_Band2

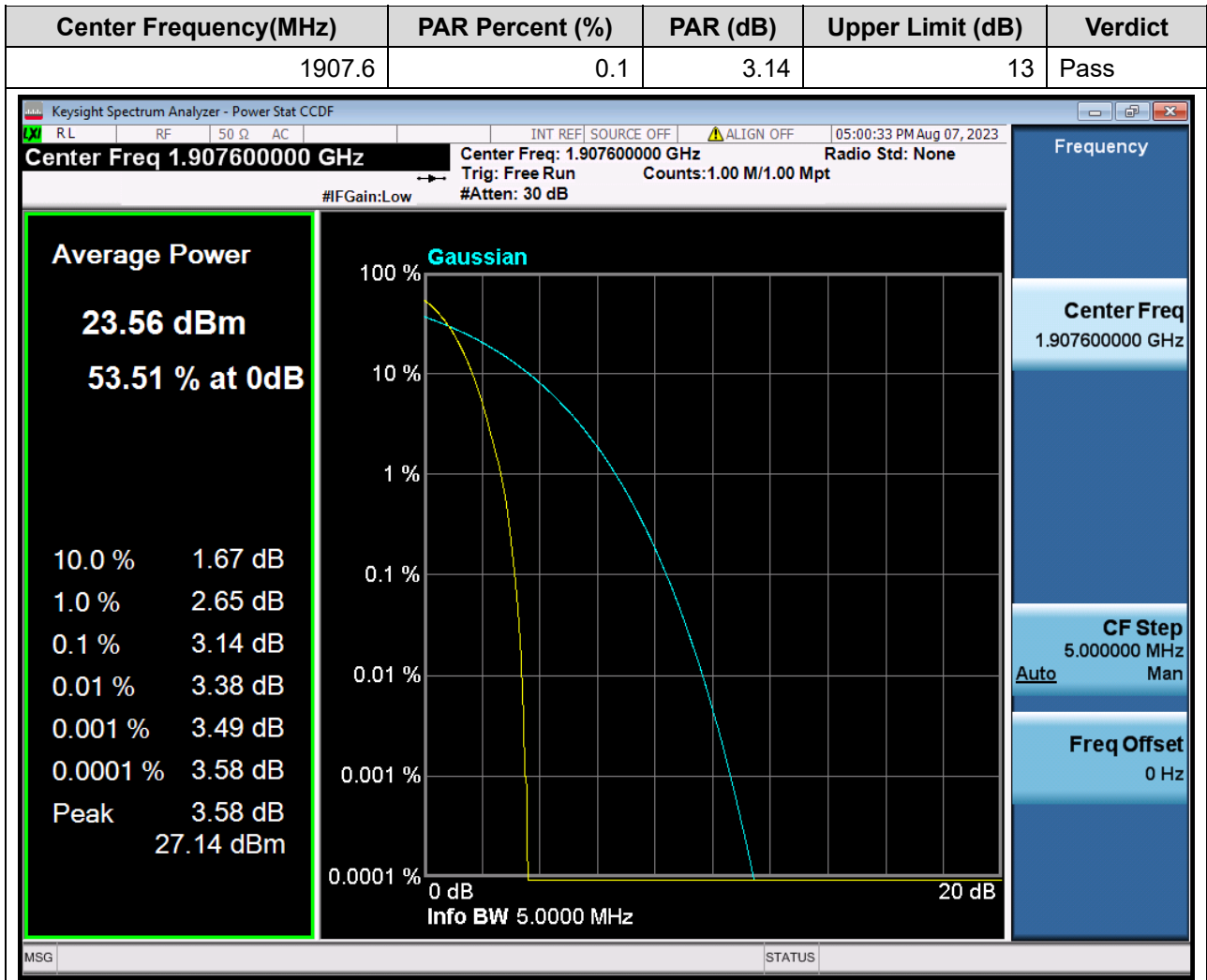
7.1. WCDMA Peak to Average Ratio(NTNV)(Channel:9262)



7.2. WCDMA Peak to Average Ratio(NTNV)(Channel:9400)

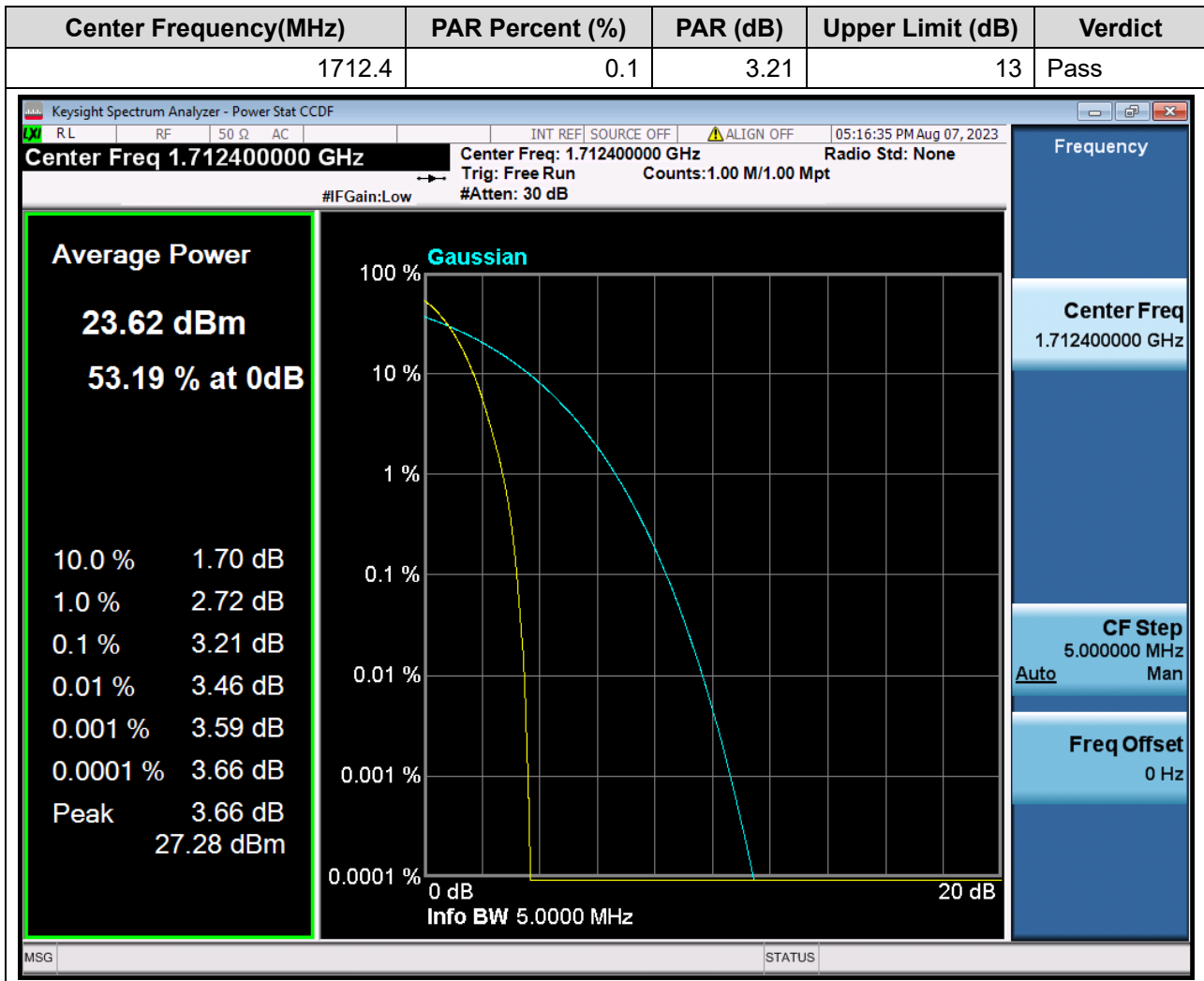


7.3. WCDMA Peak to Average Ratio(NTNV)(Channel:9538)

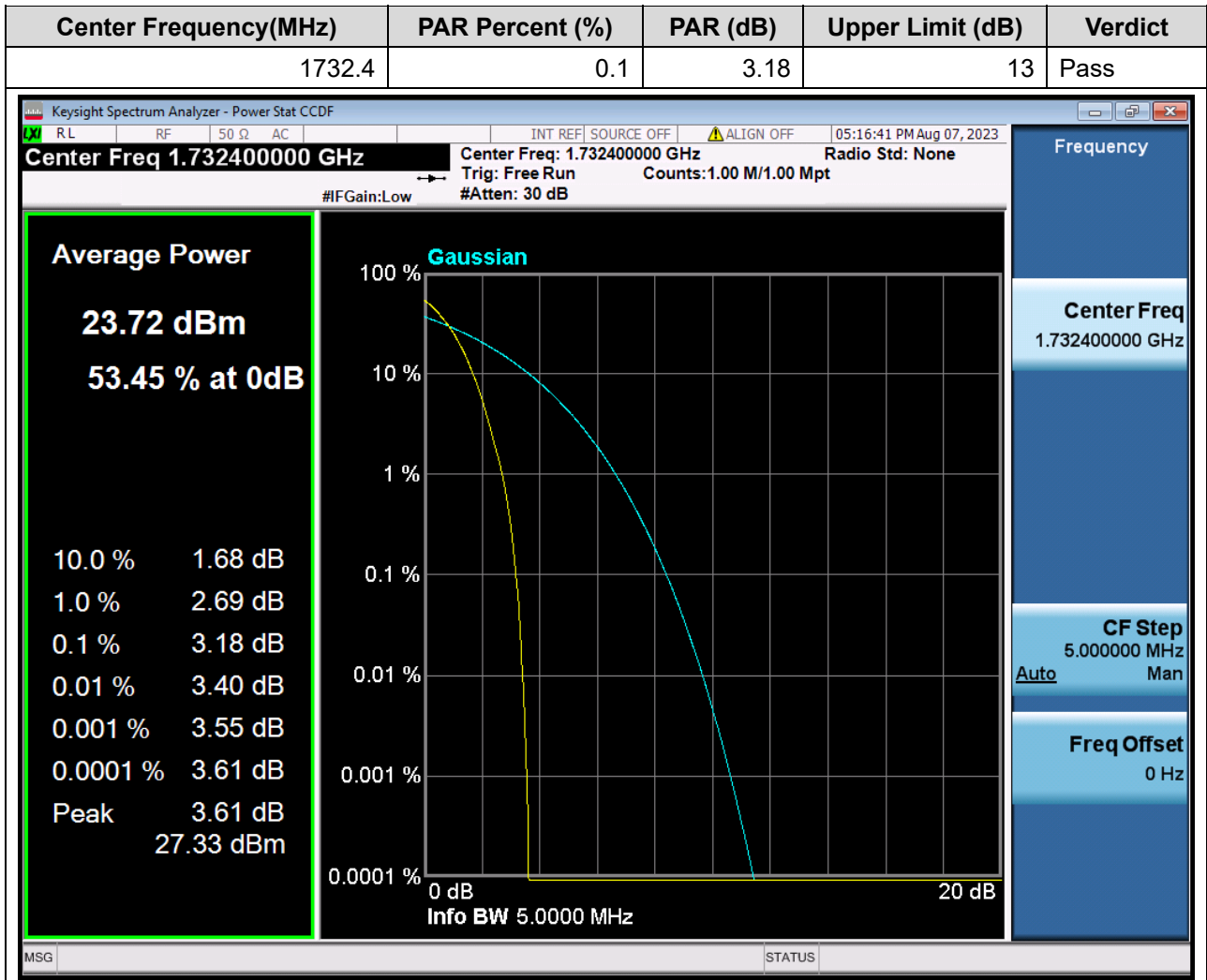


8. WCDMA_Band4

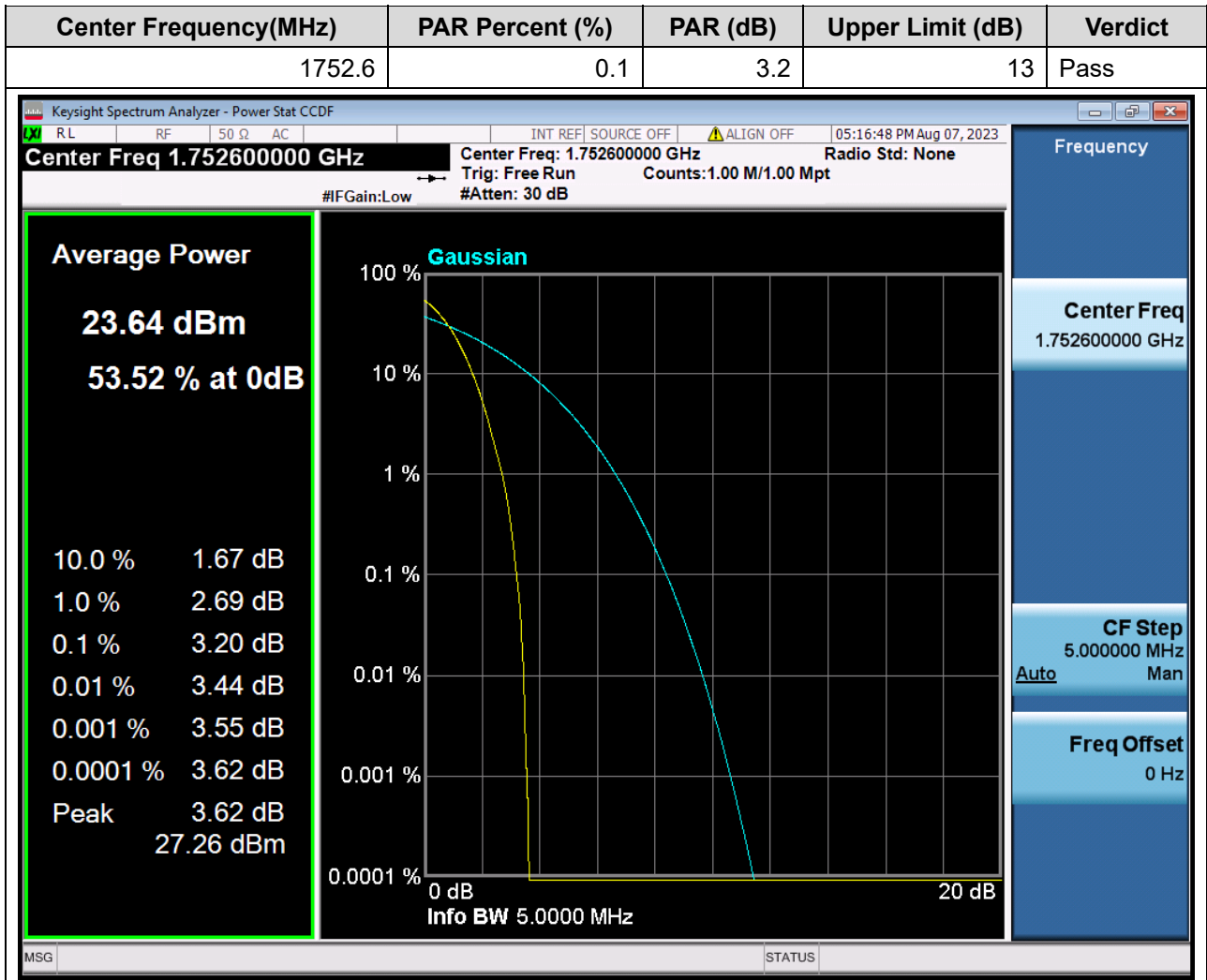
8.1. WCDMA Peak to Average Ratio(NTNV)(Channel:1312)



8.2. WCDMA Peak to Average Ratio(NTNV)(Channel:1412)

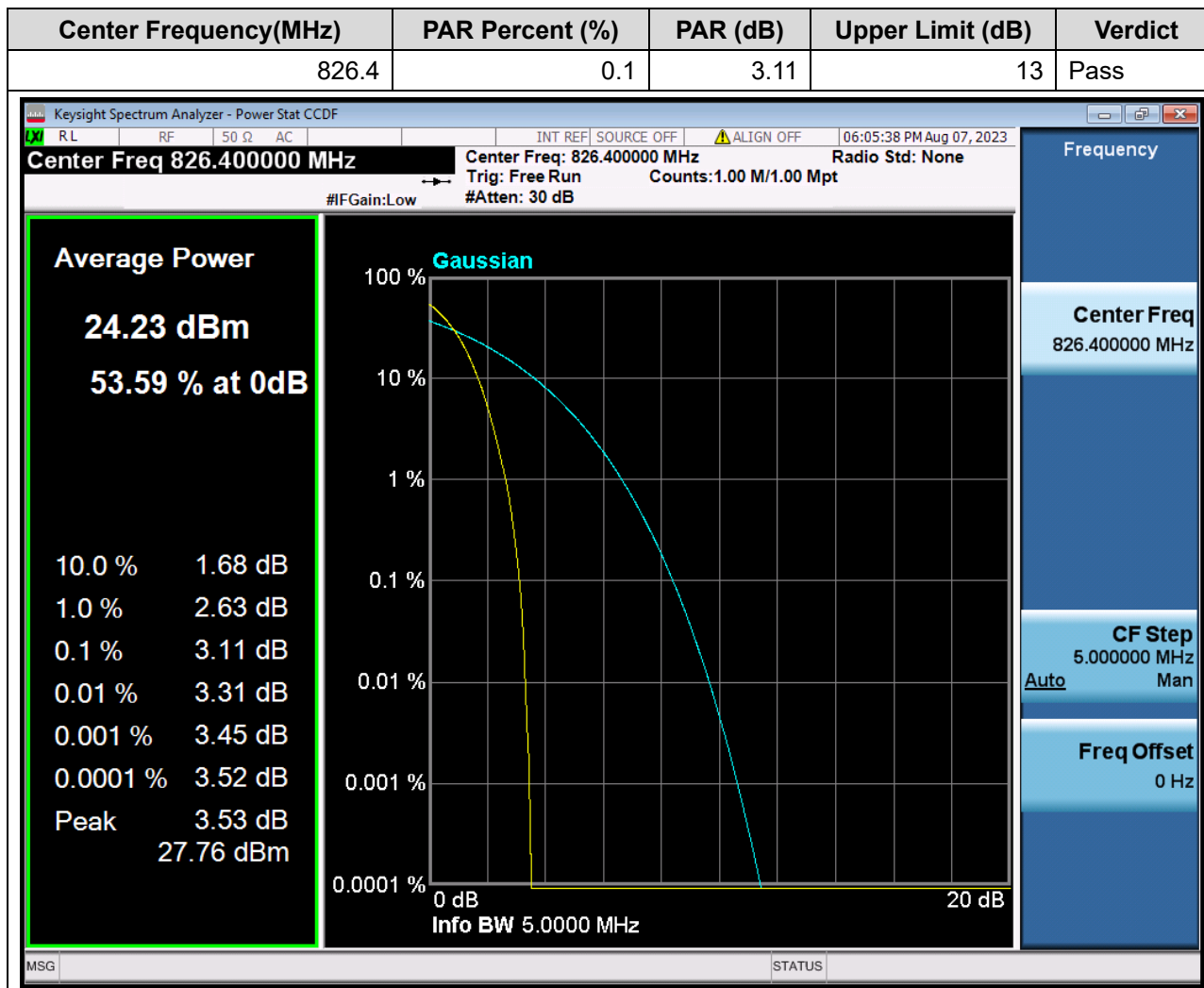


8.3. WCDMA Peak to Average Ratio(NTNV)(Channel:1513)

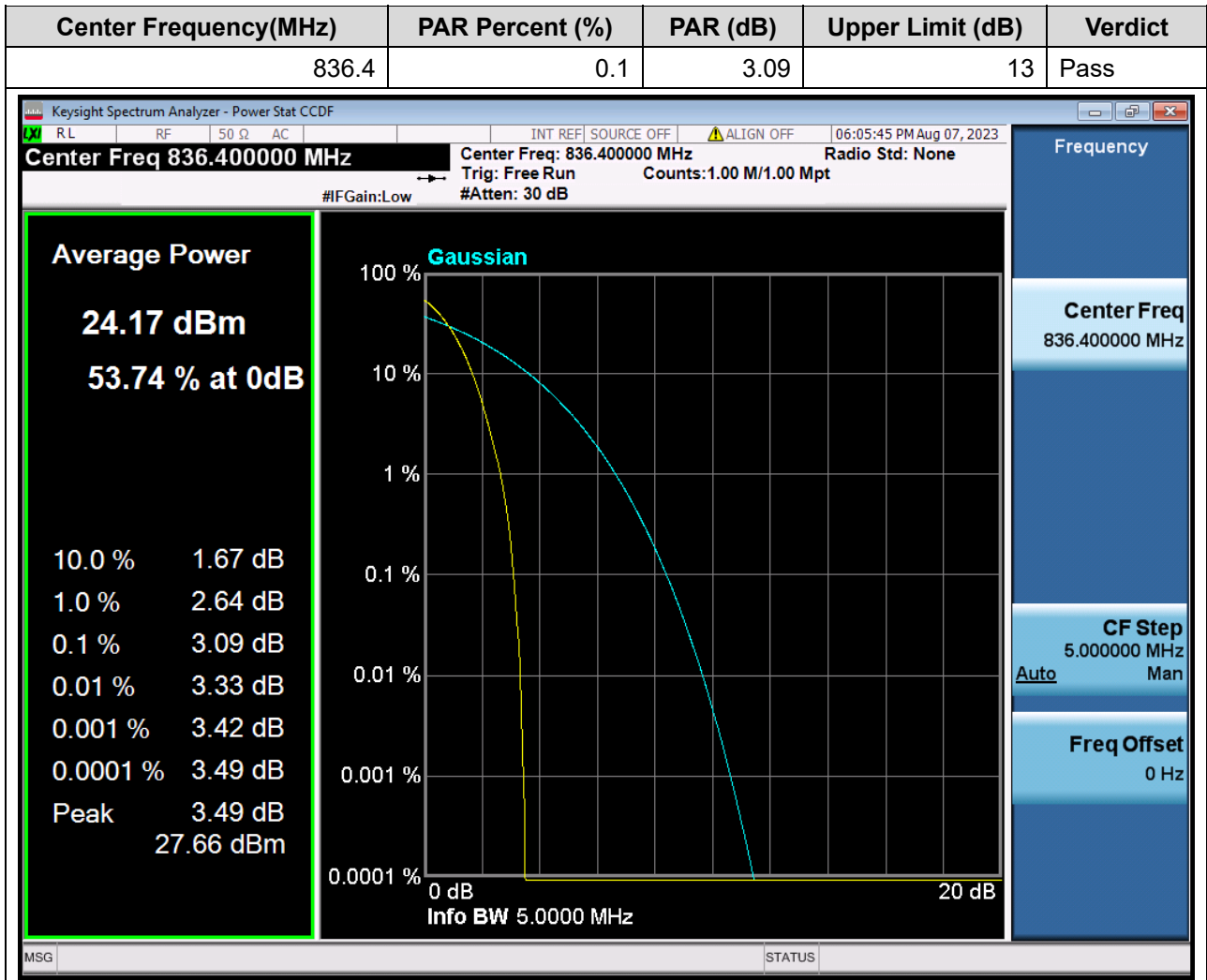


9. WCDMA_Band5

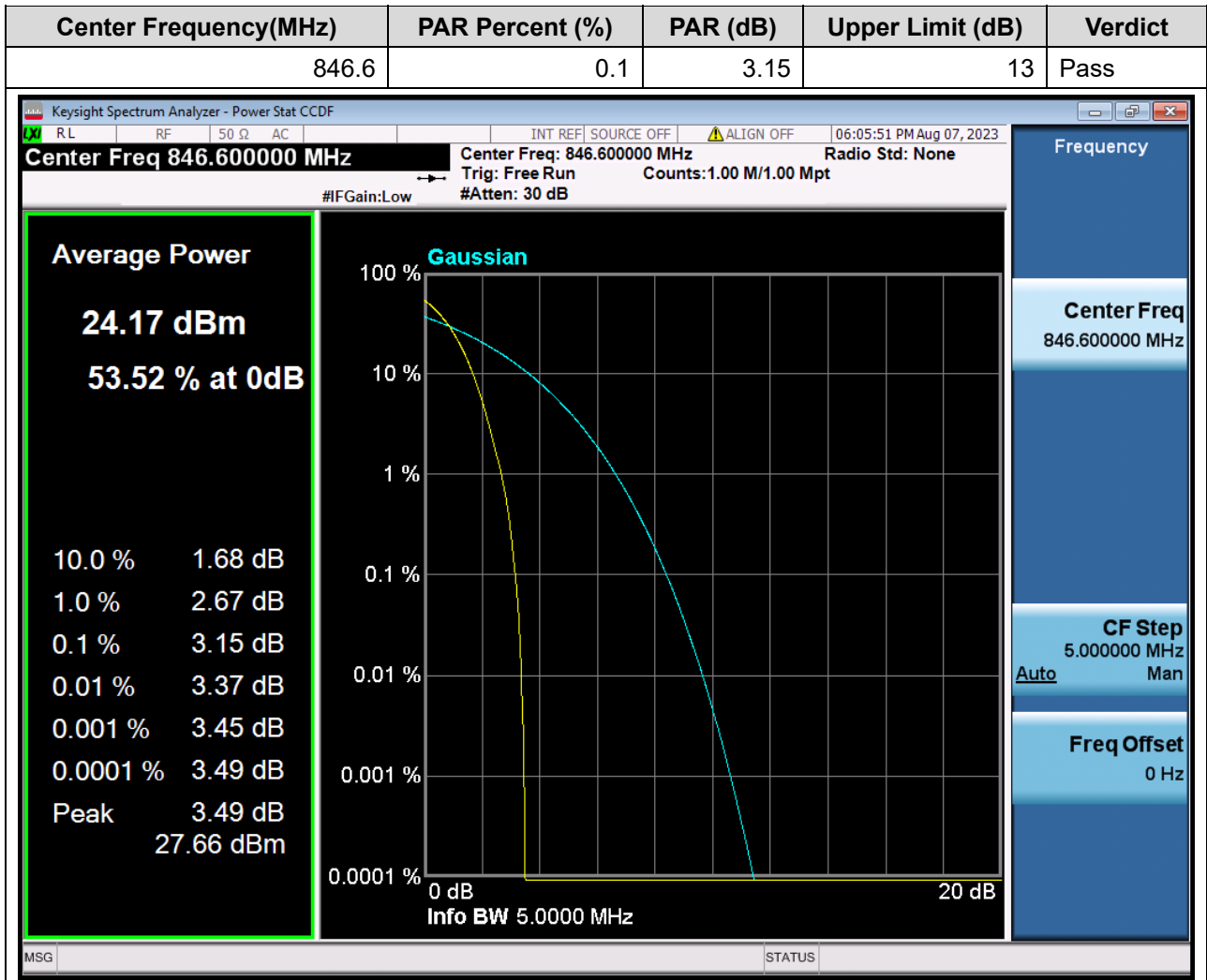
9.1. WCDMA Peak to Average Ratio(NTNV)(Channel:4132)



9.2. WCDMA Peak to Average Ratio(NTNV)(Channel:4182)

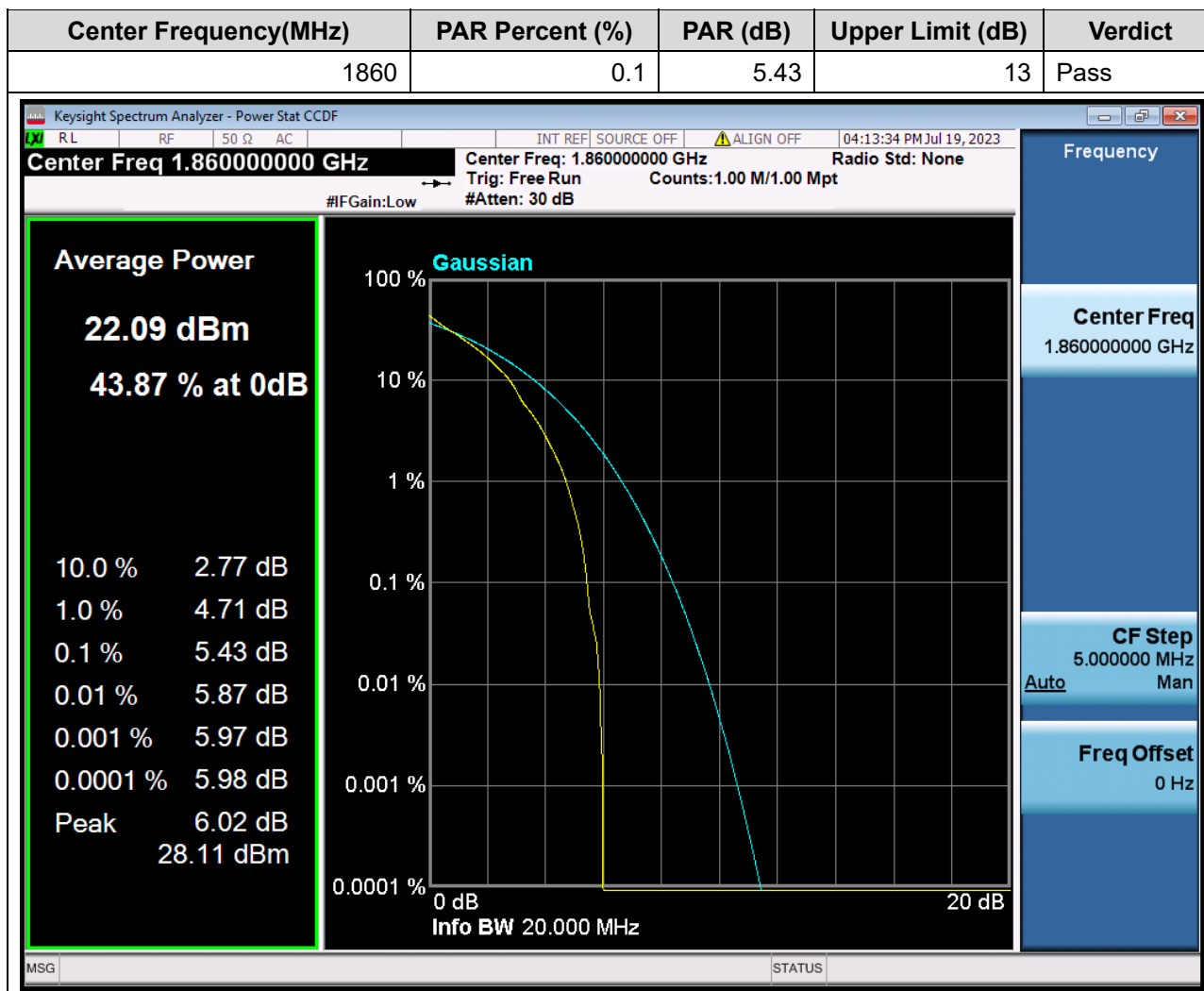


9.3. WCDMA Peak to Average Ratio(NTNV)(Channel:4233)

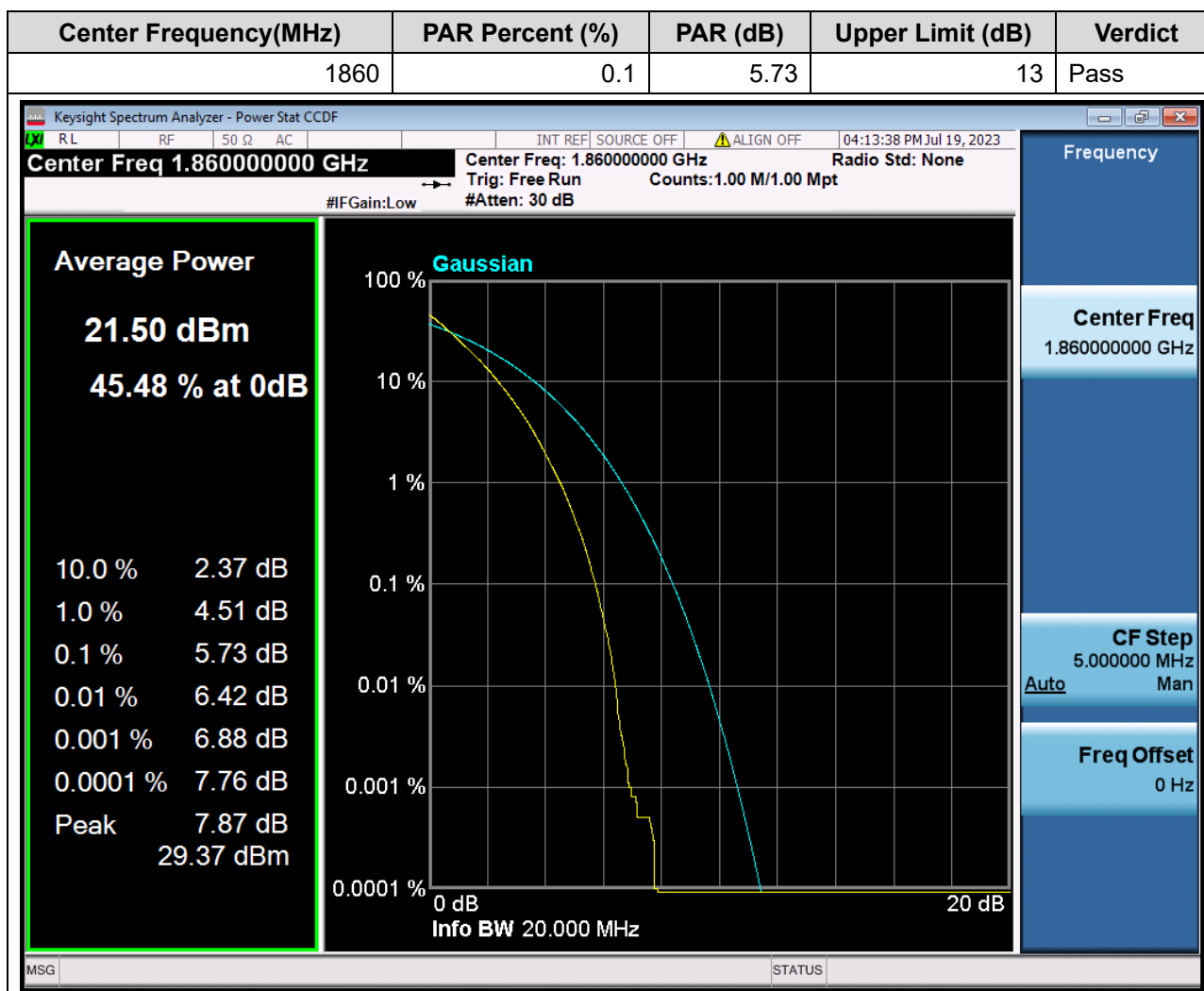


10. LTE_Band2

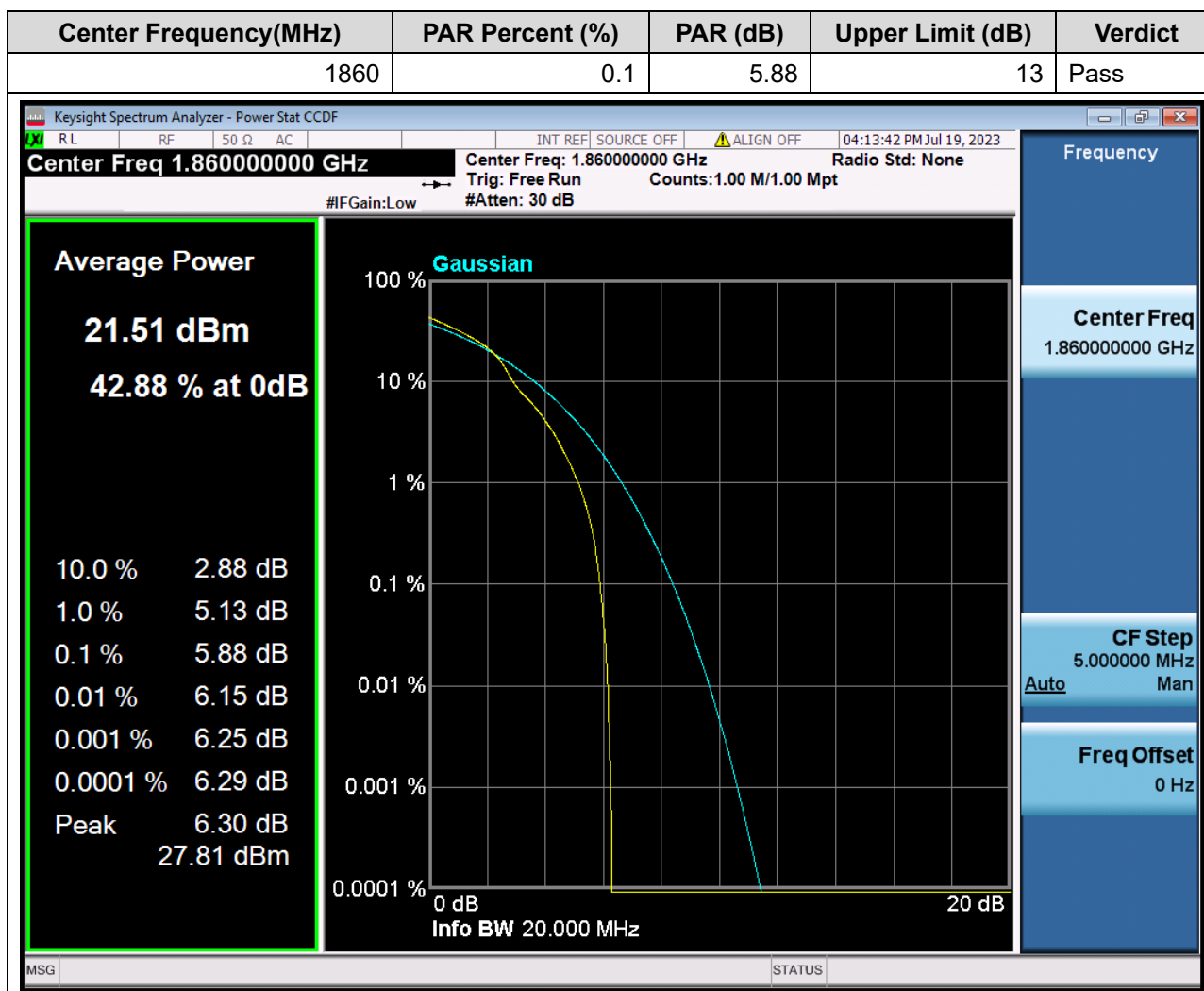
10.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



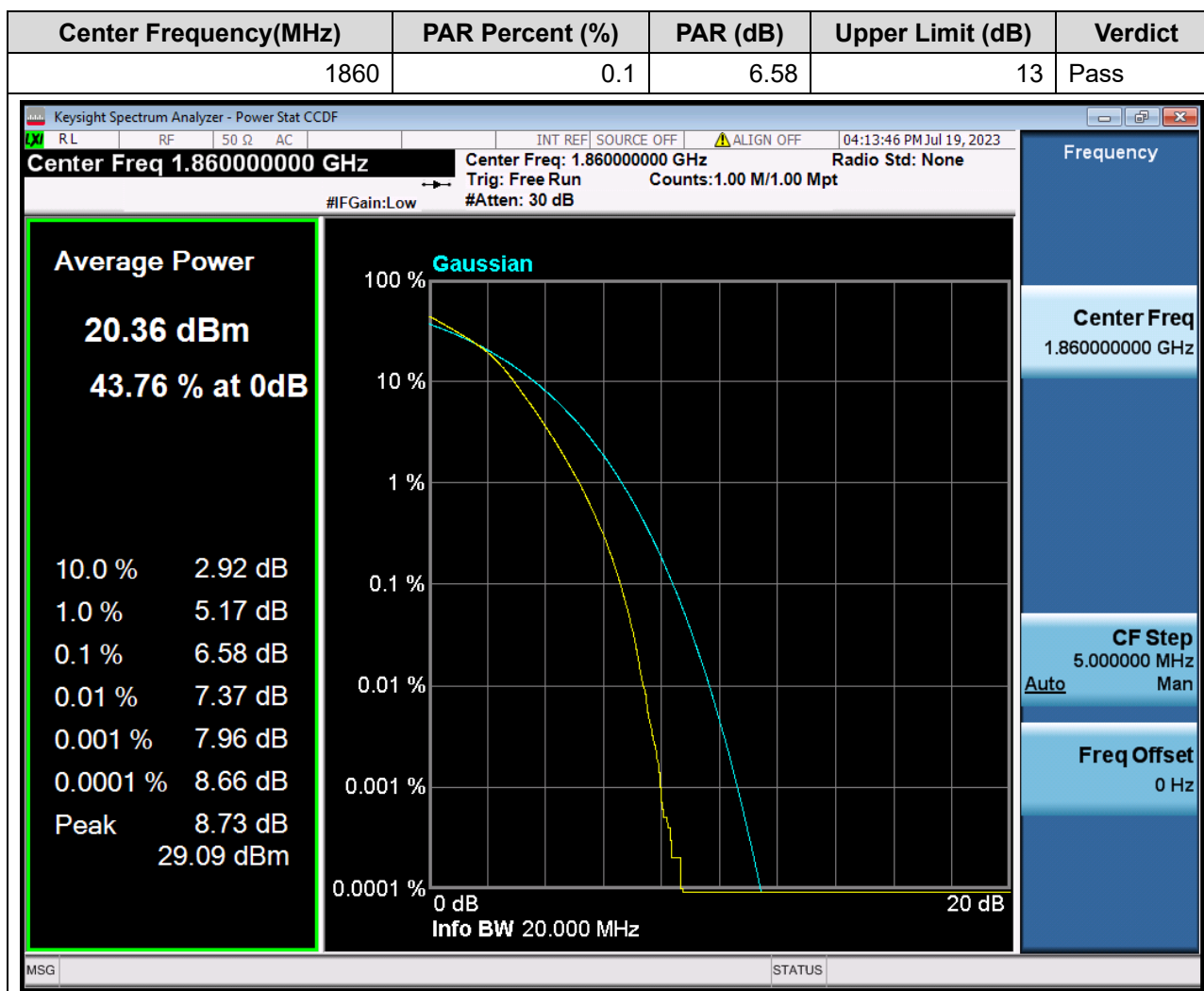
10.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:18700, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



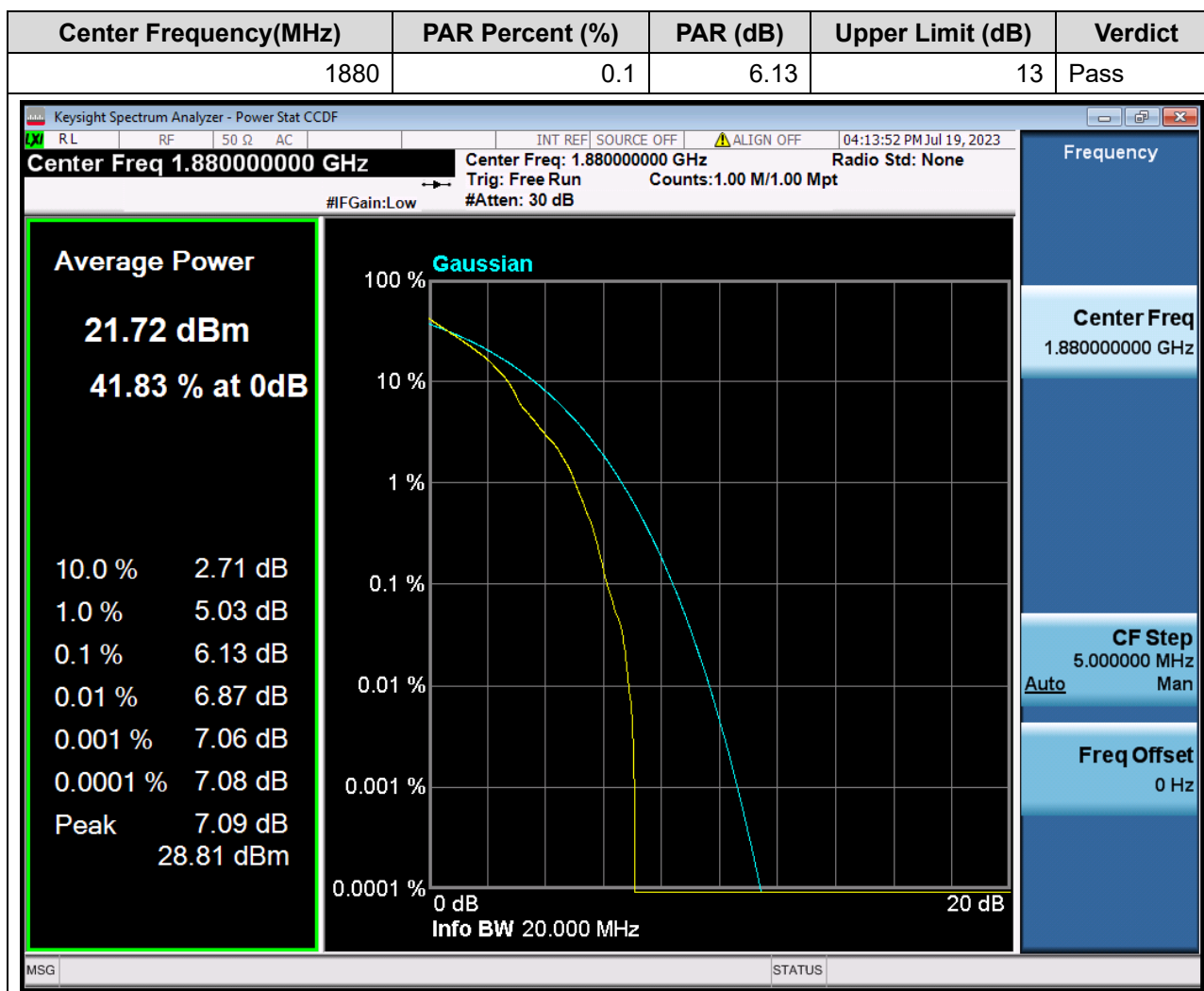
10.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



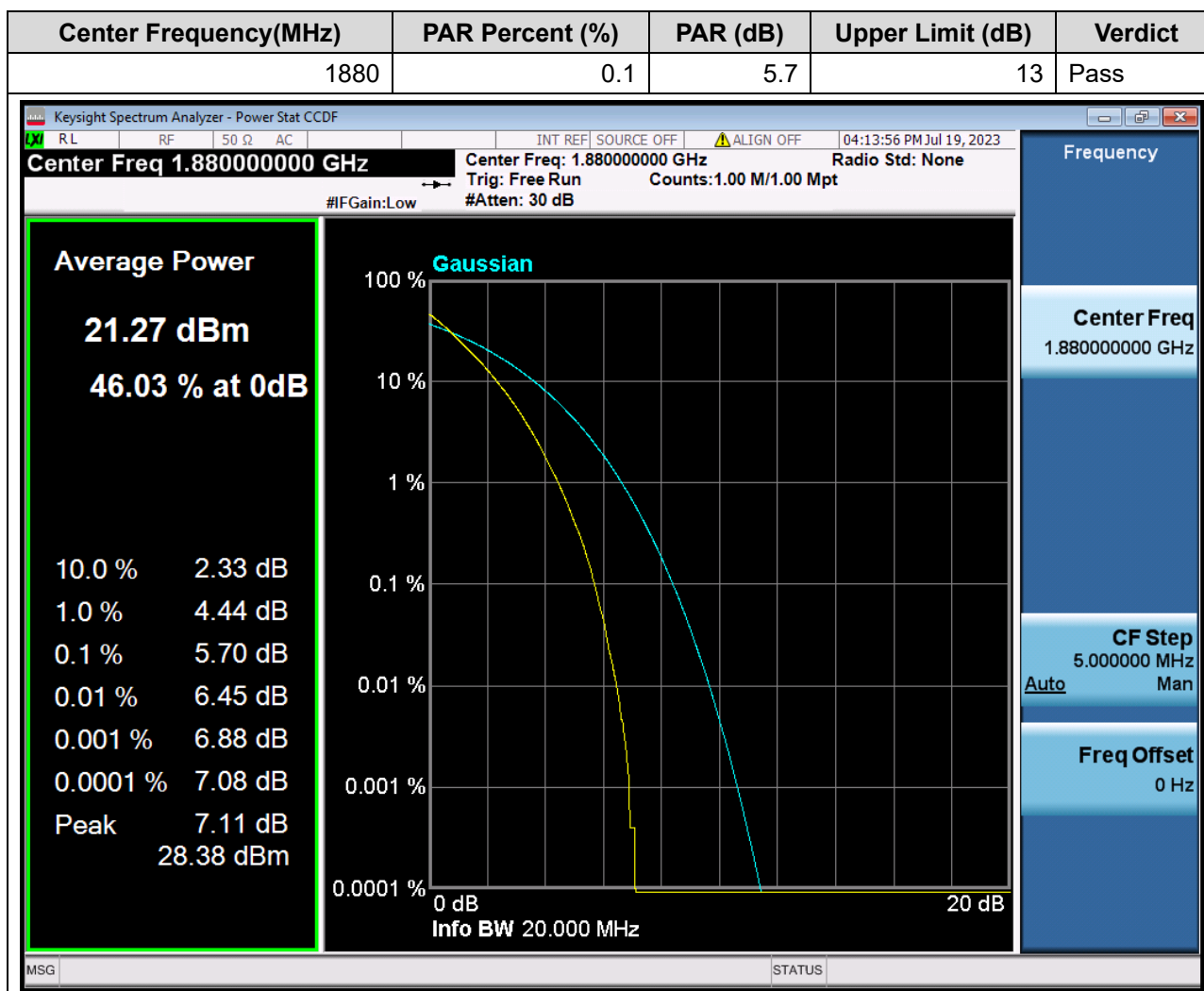
10.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:18700, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



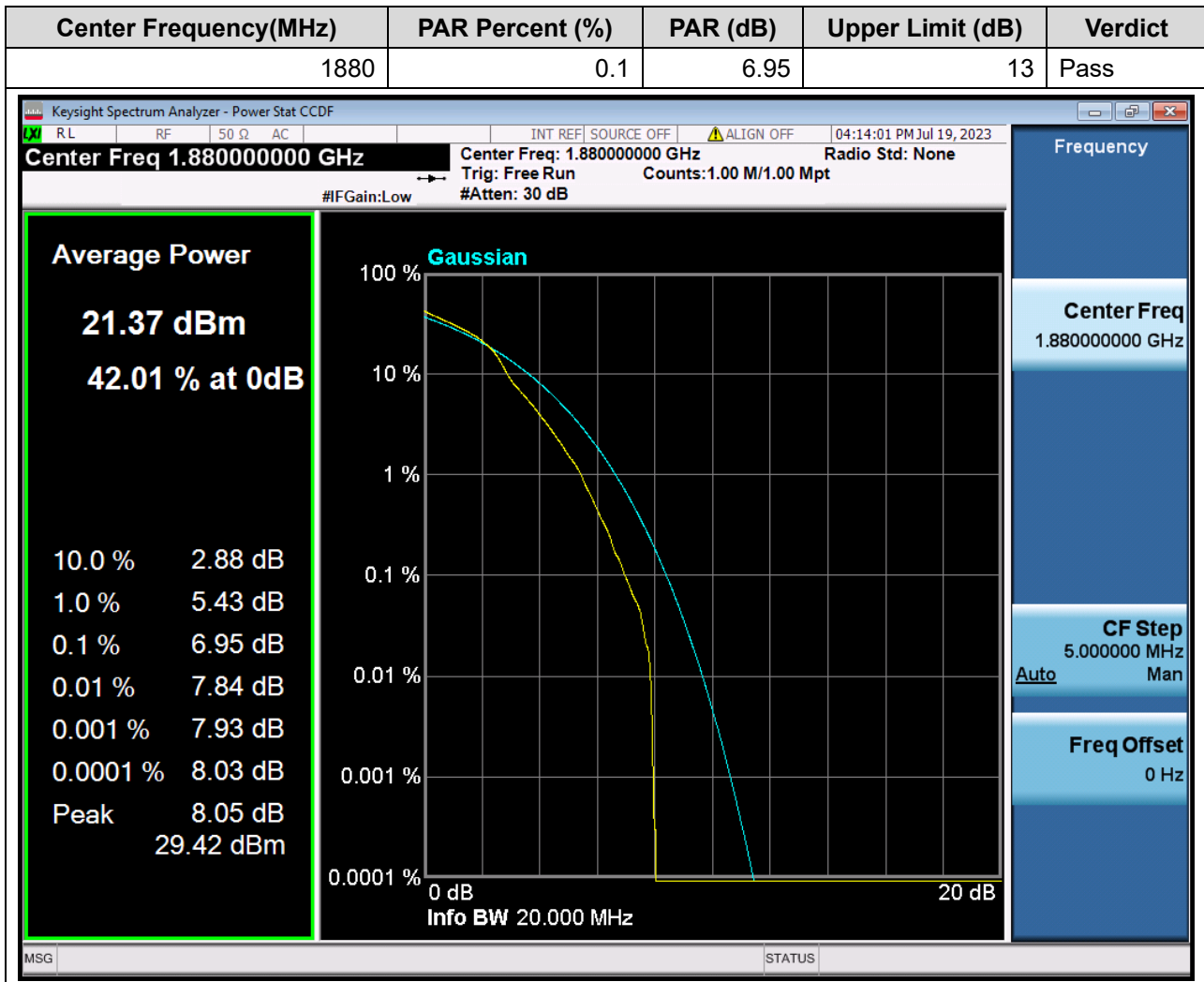
10.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



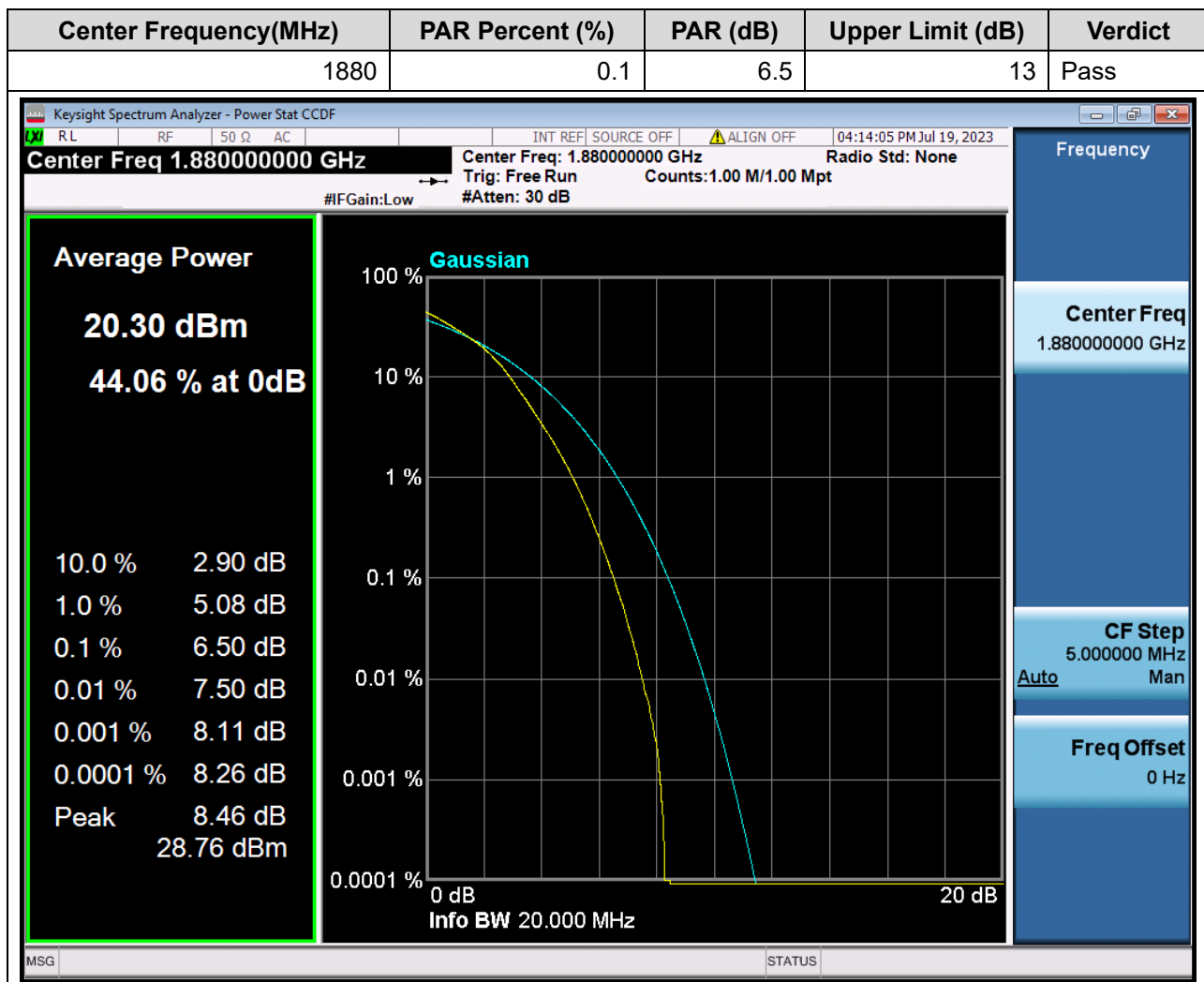
10.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:18900, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



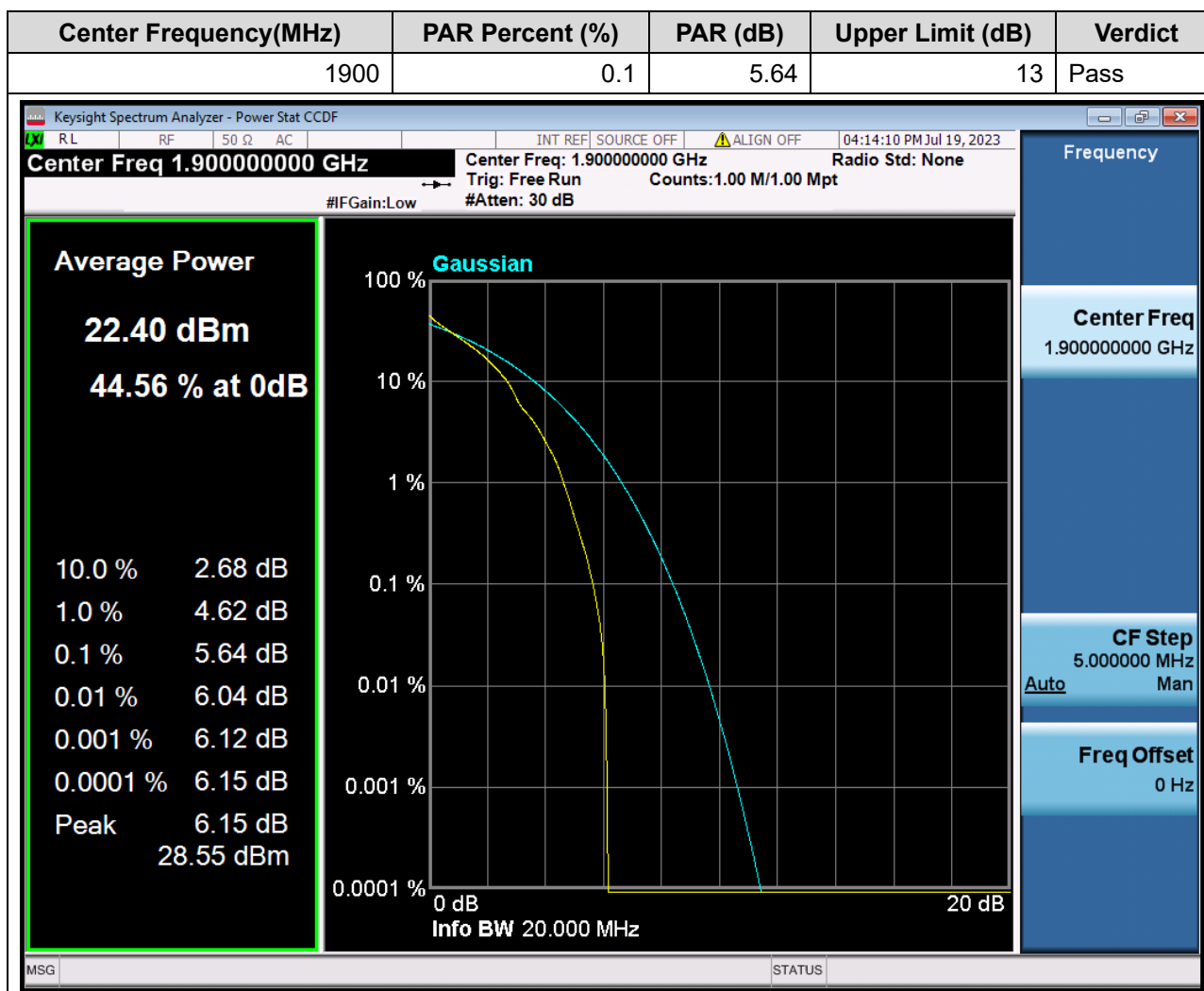
10.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



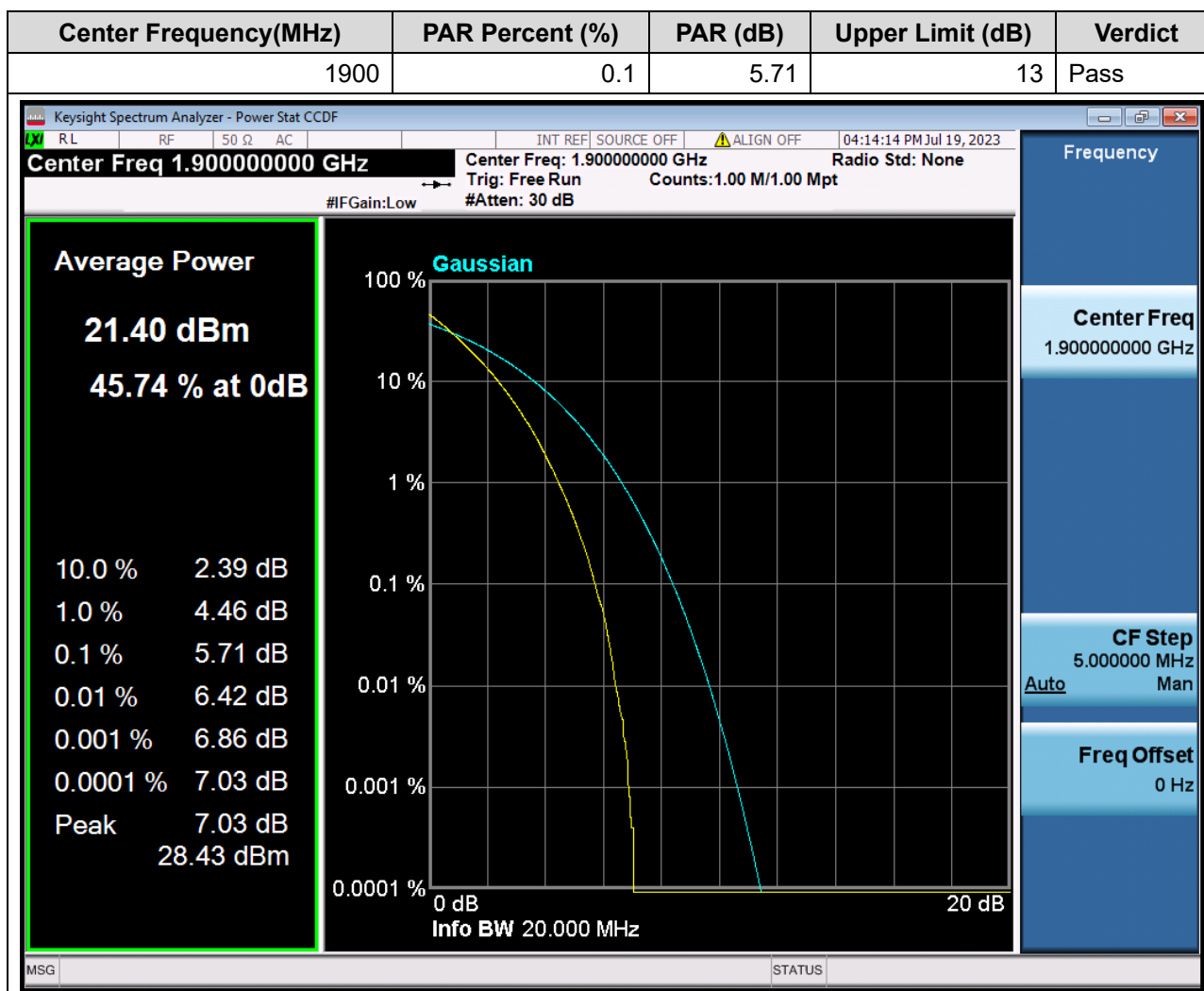
10.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:18900, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



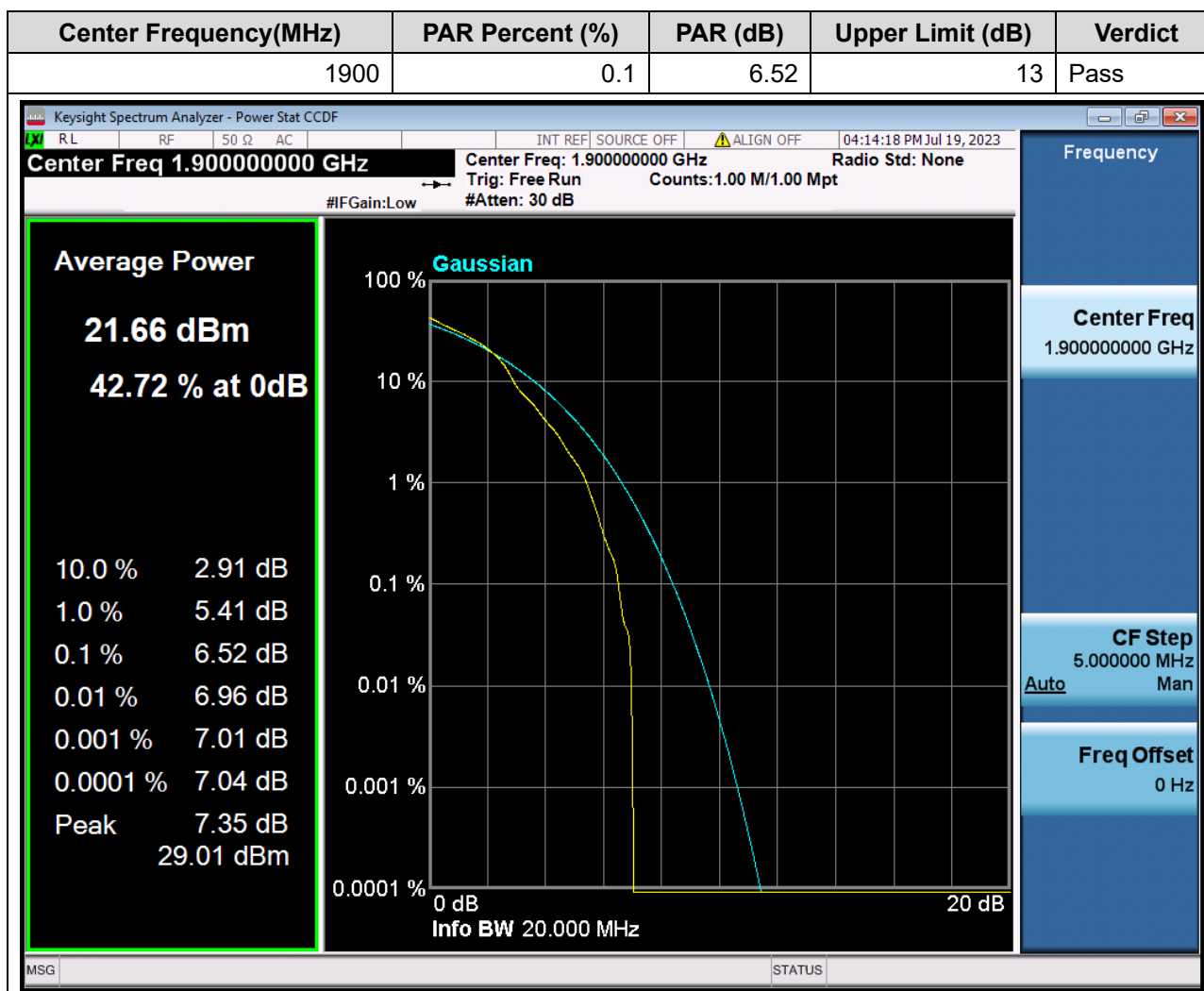
10.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



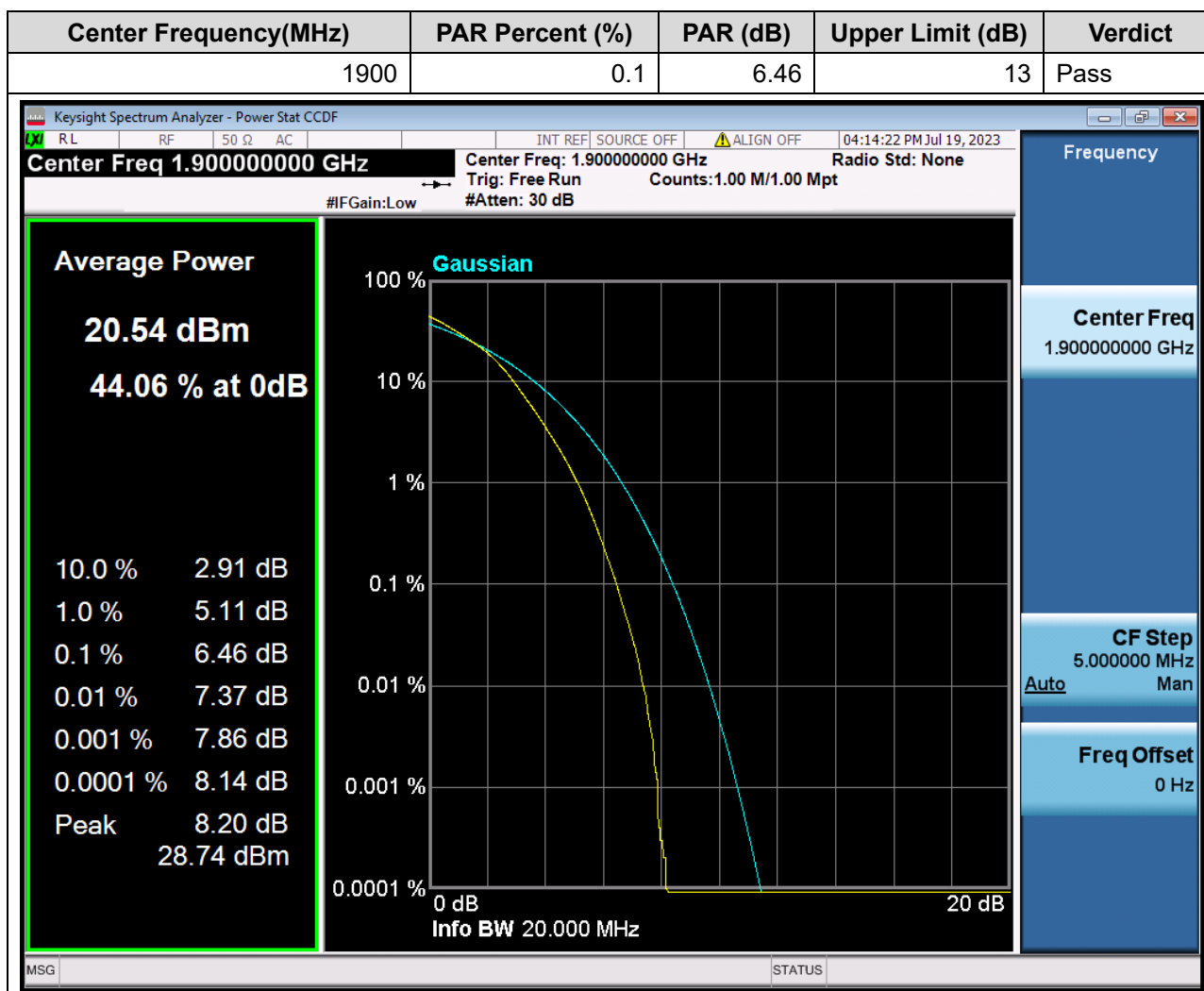
10.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:19100, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



10.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

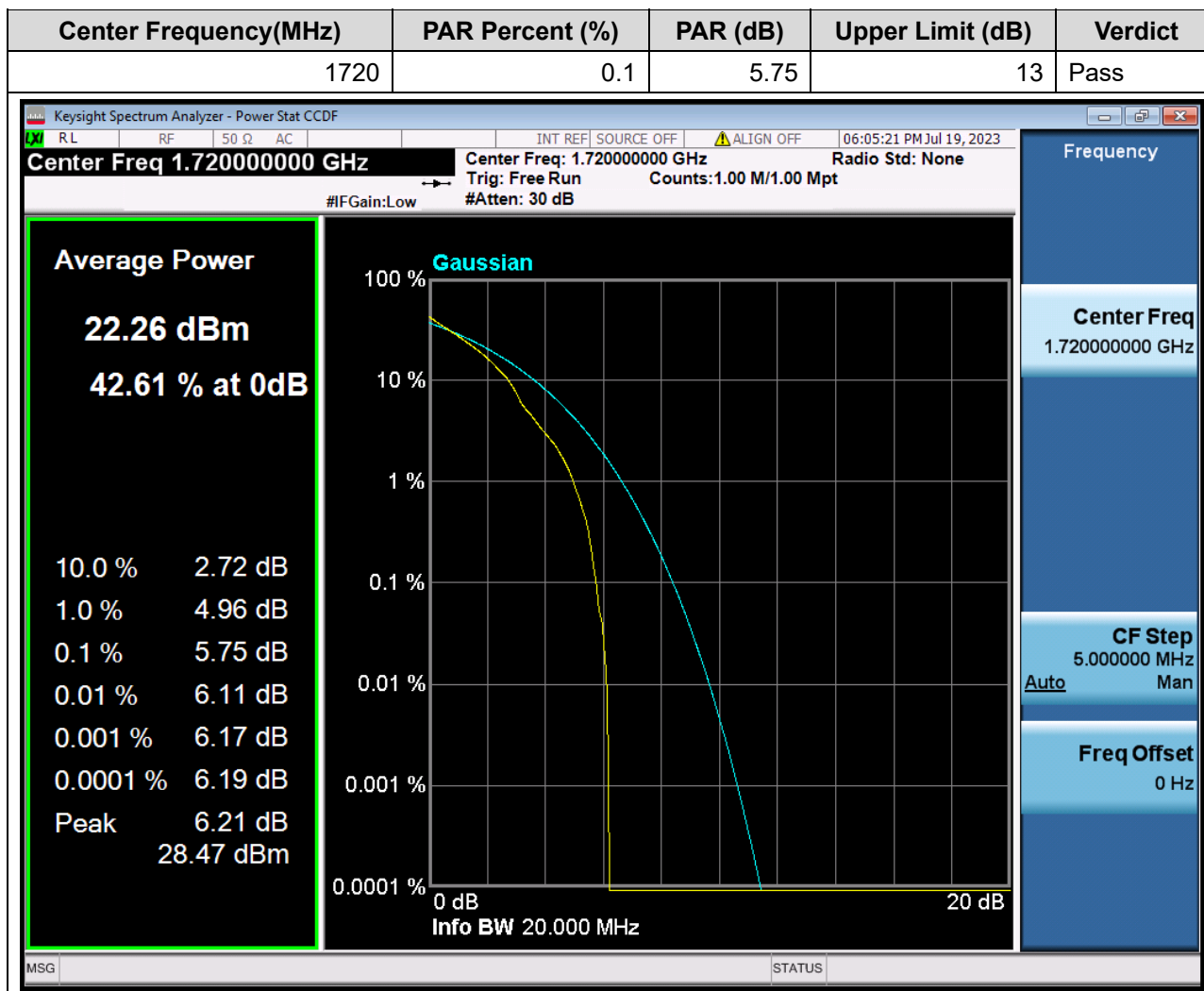


10.12. LTE Peak to Average Ratio(NTNV)(Subtest:12, Channel:19100, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)

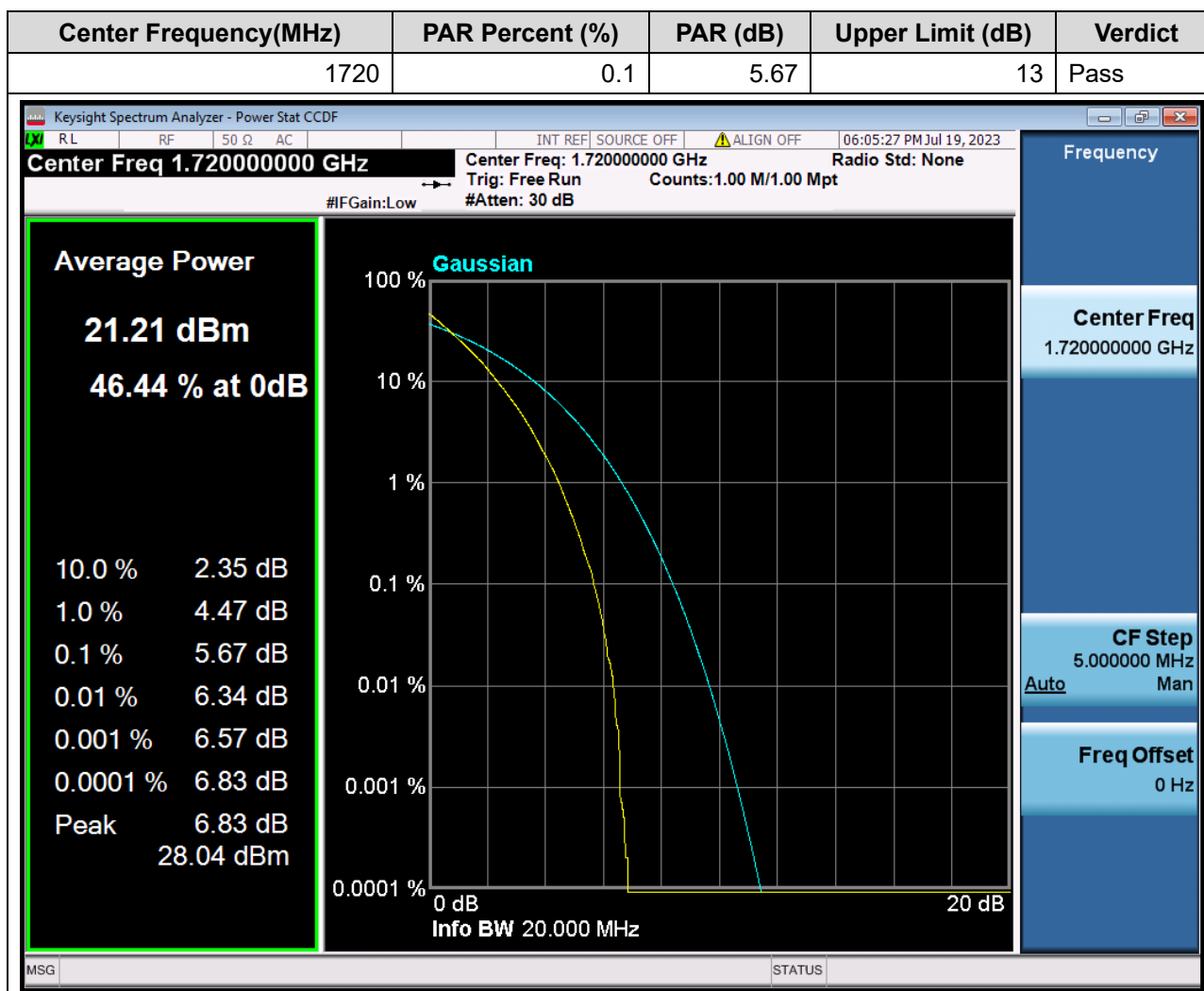


11. LTE_Band4

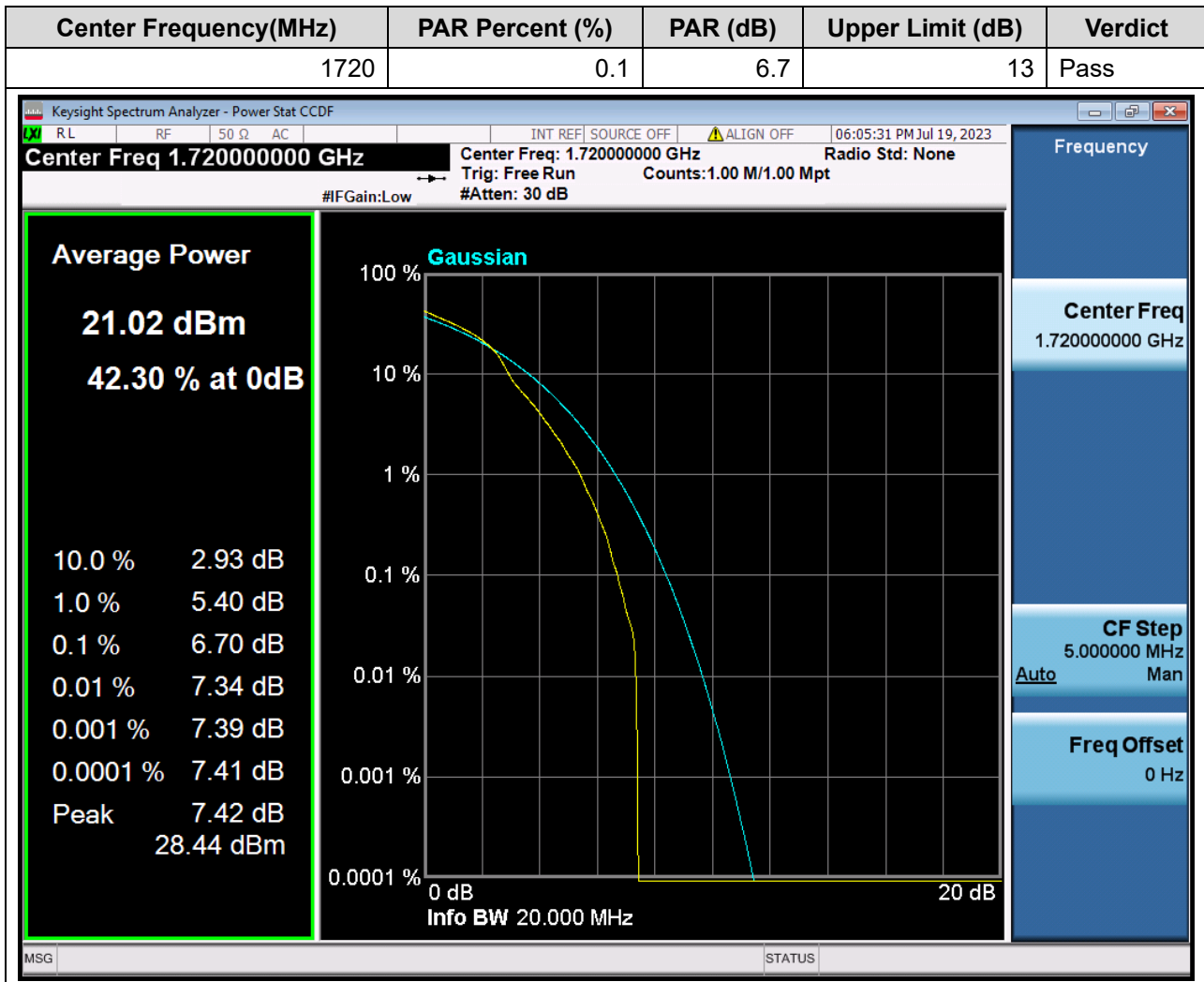
11.1. LTE Peak to Average Ratio(NTNV)(Subtest:1, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



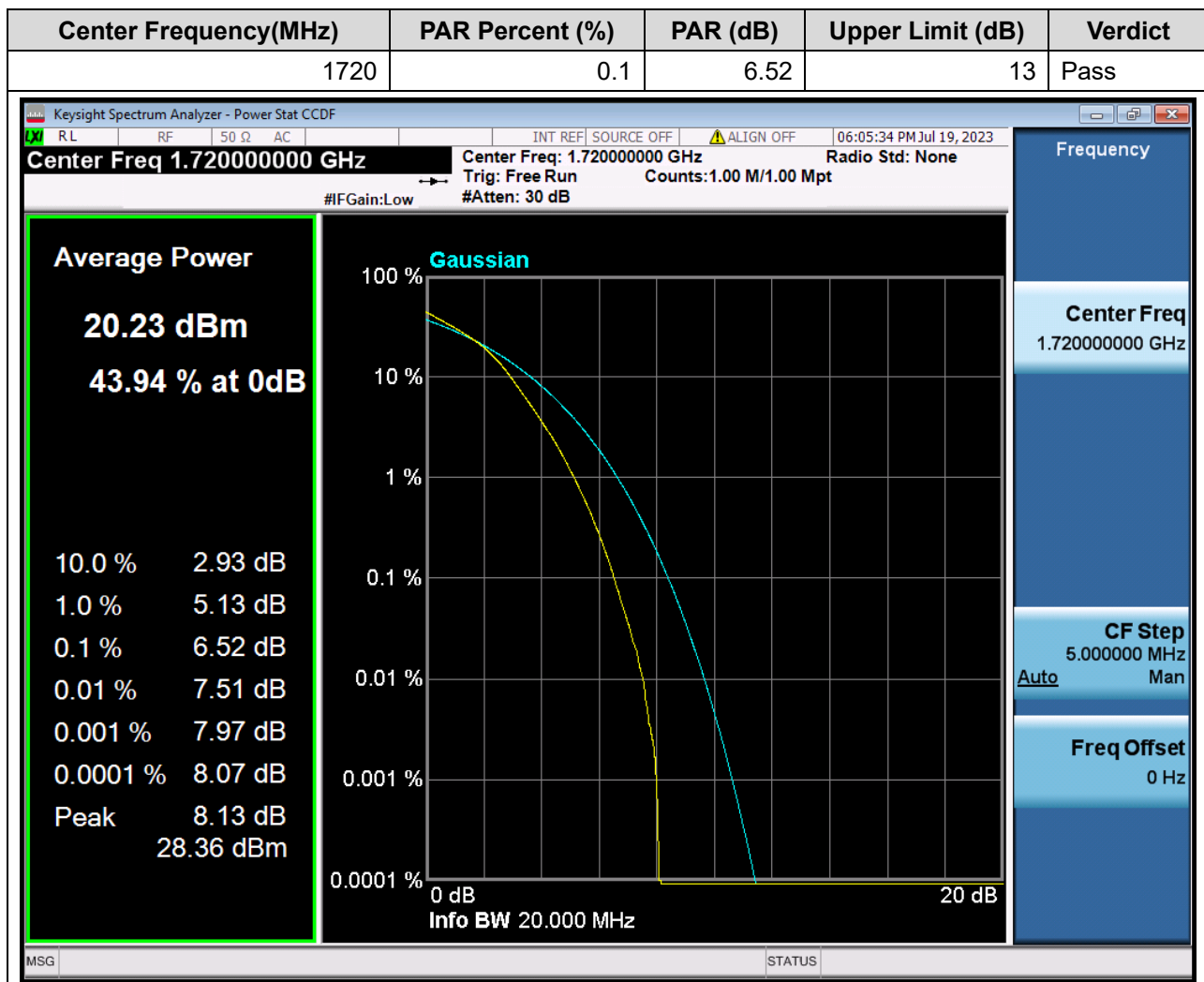
11.2. LTE Peak to Average Ratio(NTNV)(Subtest:2, Channel:20050, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



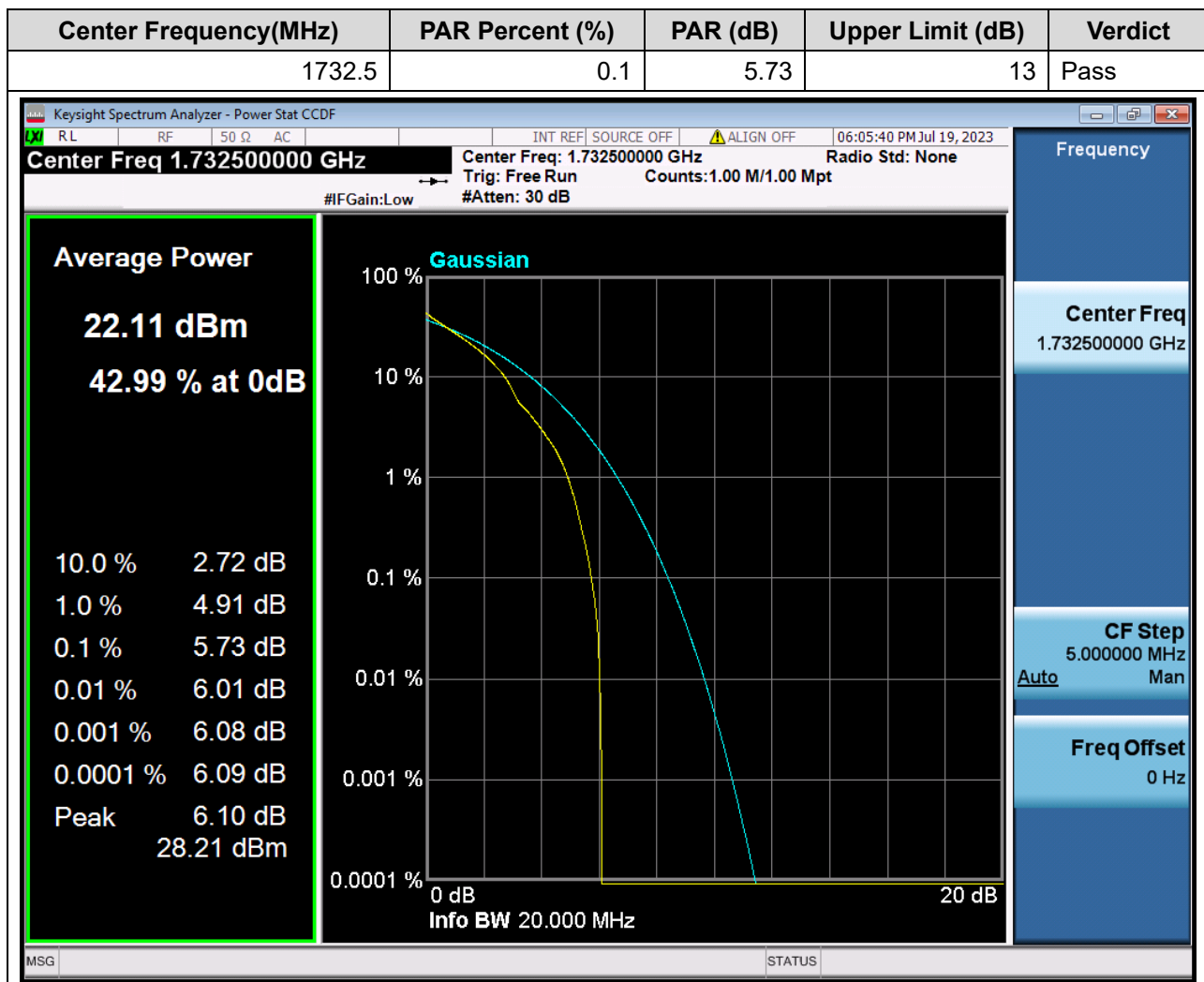
11.3. LTE Peak to Average Ratio(NTNV)(Subtest:3, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



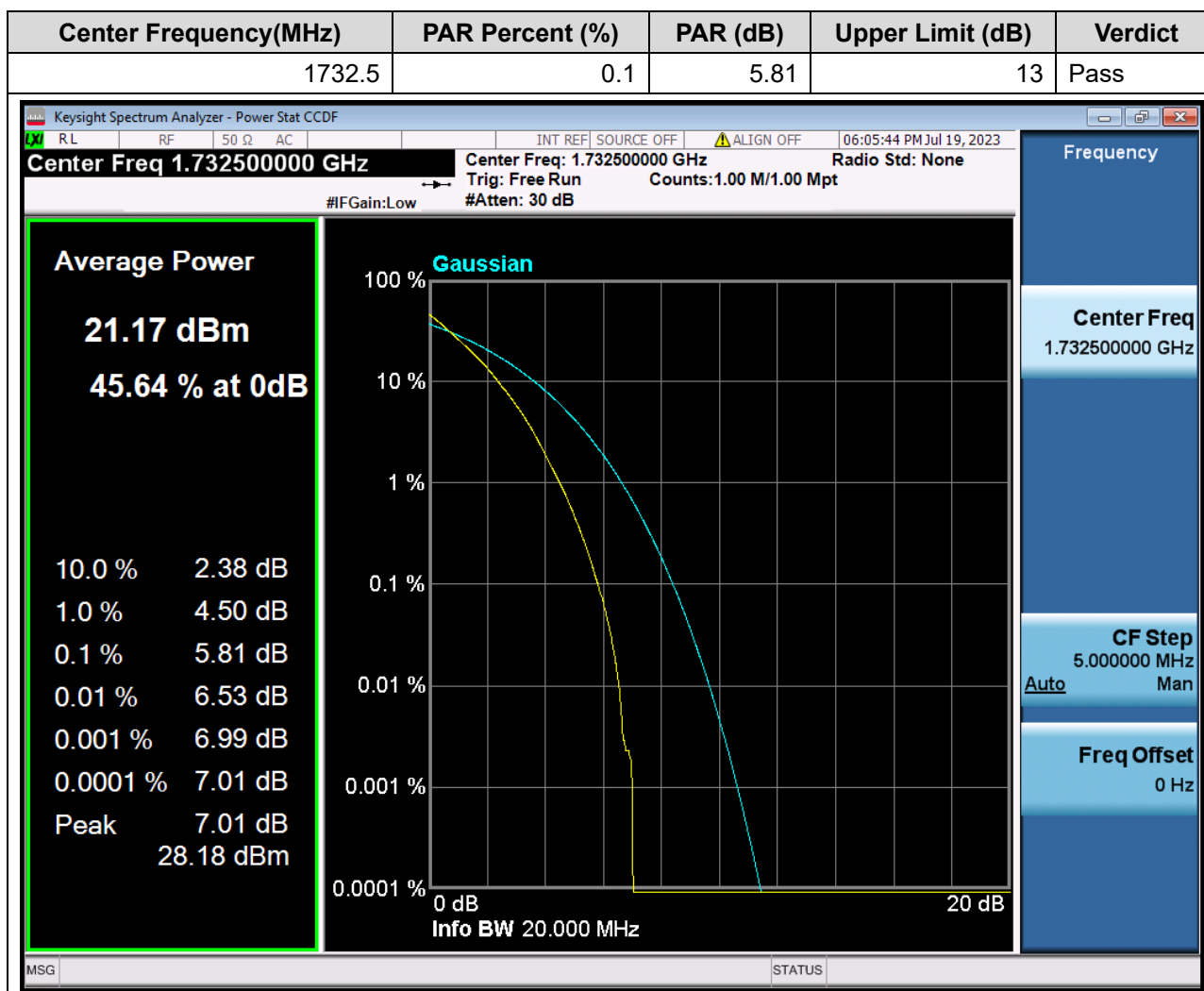
11.4. LTE Peak to Average Ratio(NTNV)(Subtest:4, Channel:20050, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



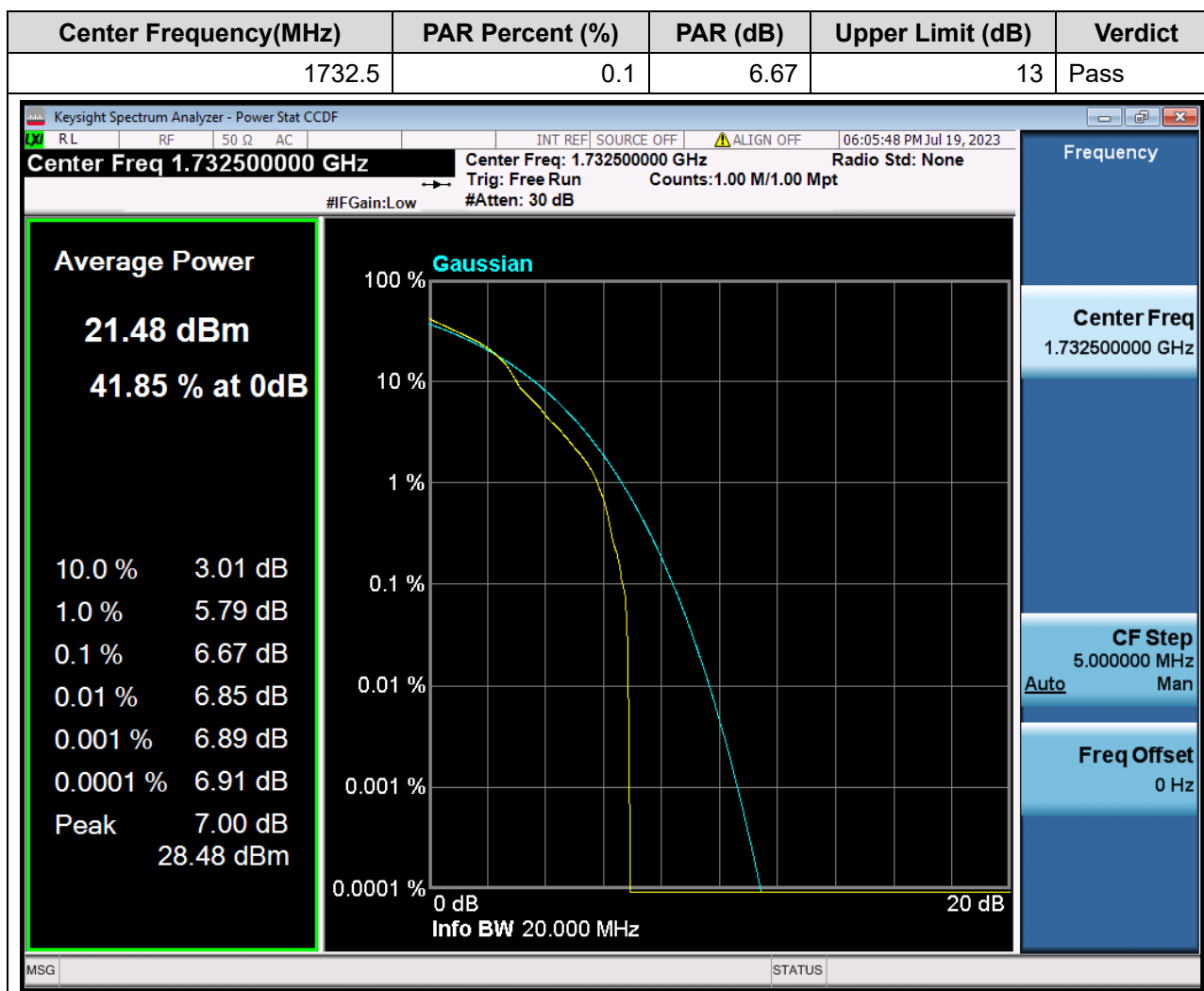
11.5. LTE Peak to Average Ratio(NTNV)(Subtest:5, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



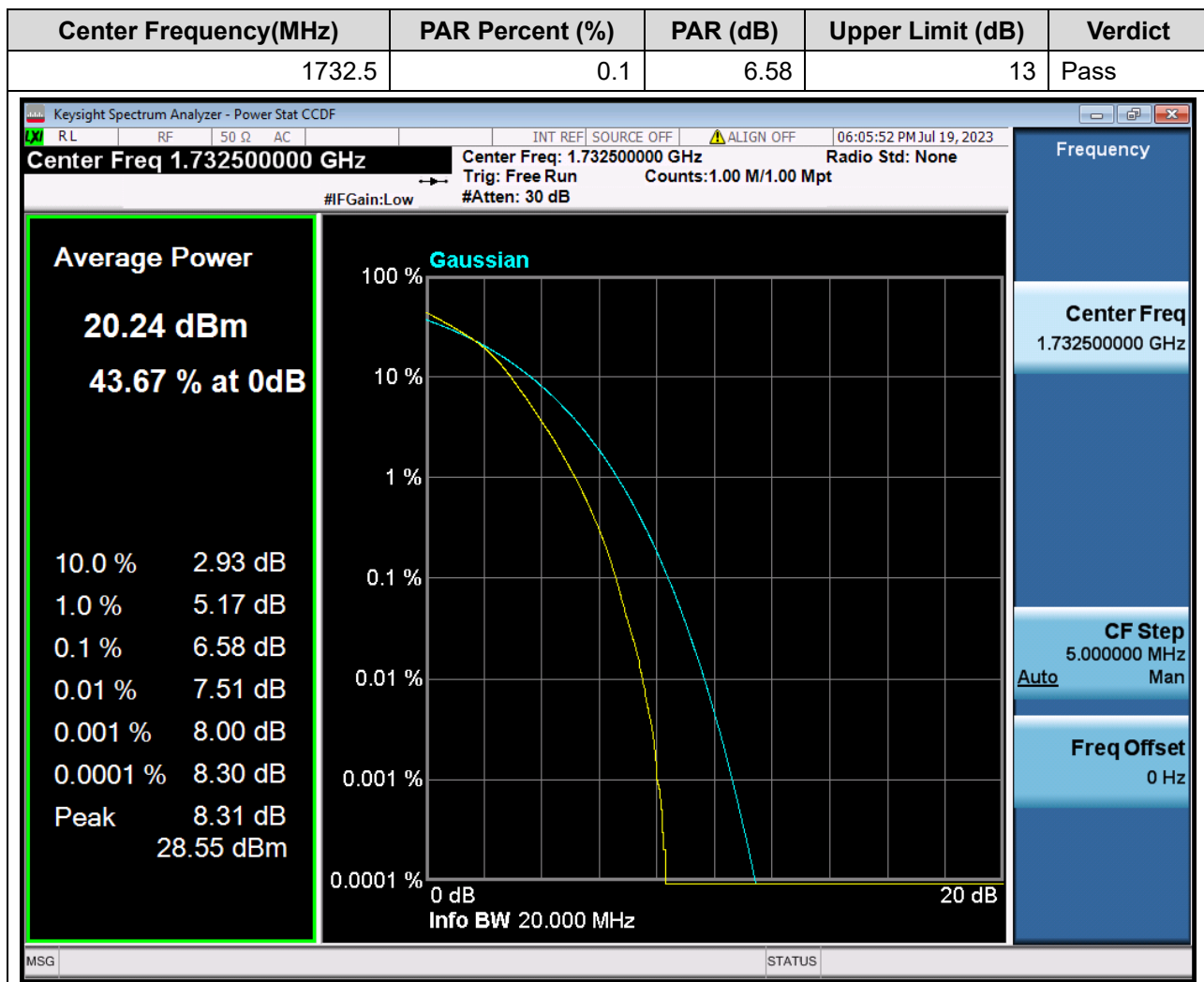
11.6. LTE Peak to Average Ratio(NTNV)(Subtest:6, Channel:20175, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



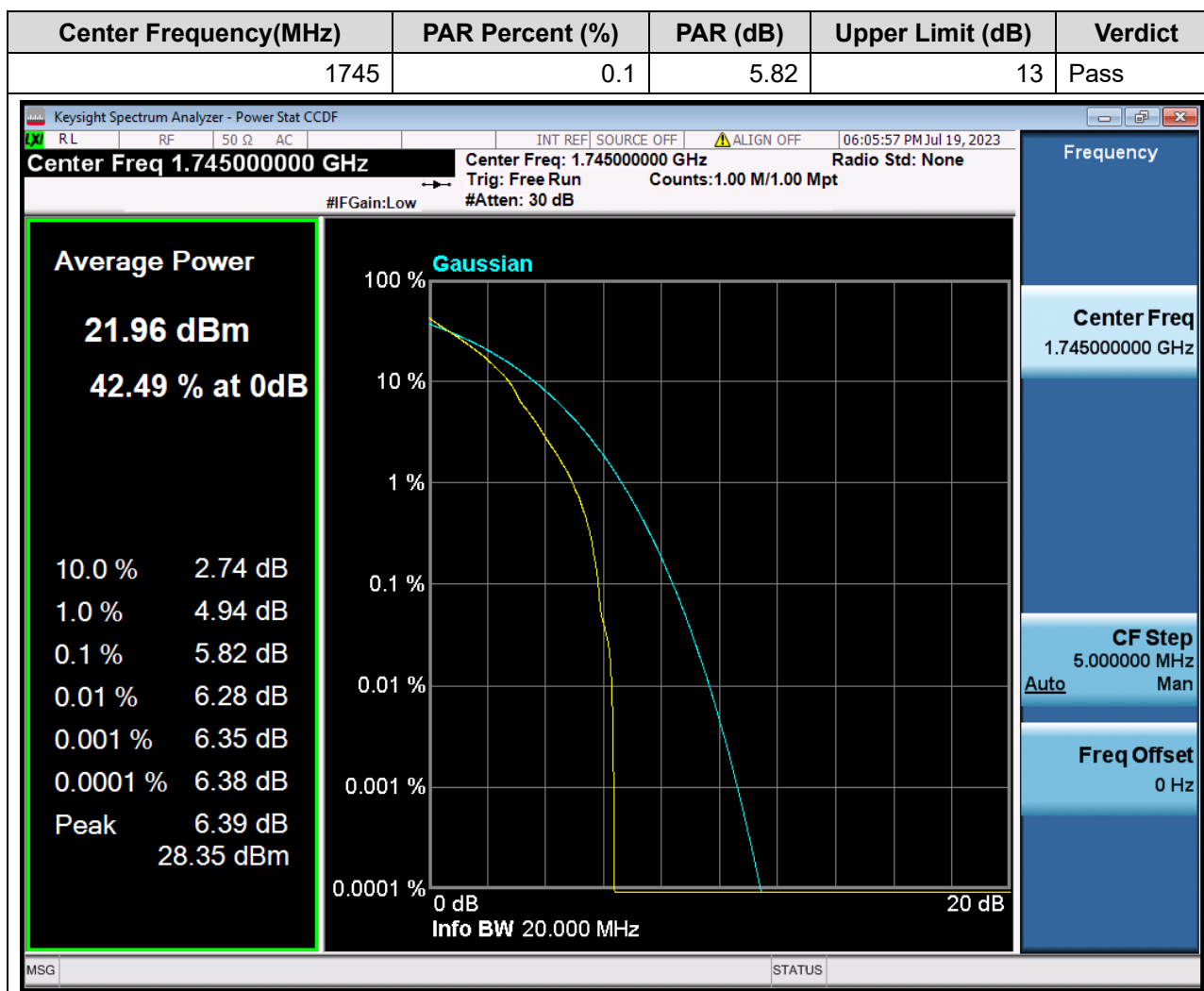
11.7. LTE Peak to Average Ratio(NTNV)(Subtest:7, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)



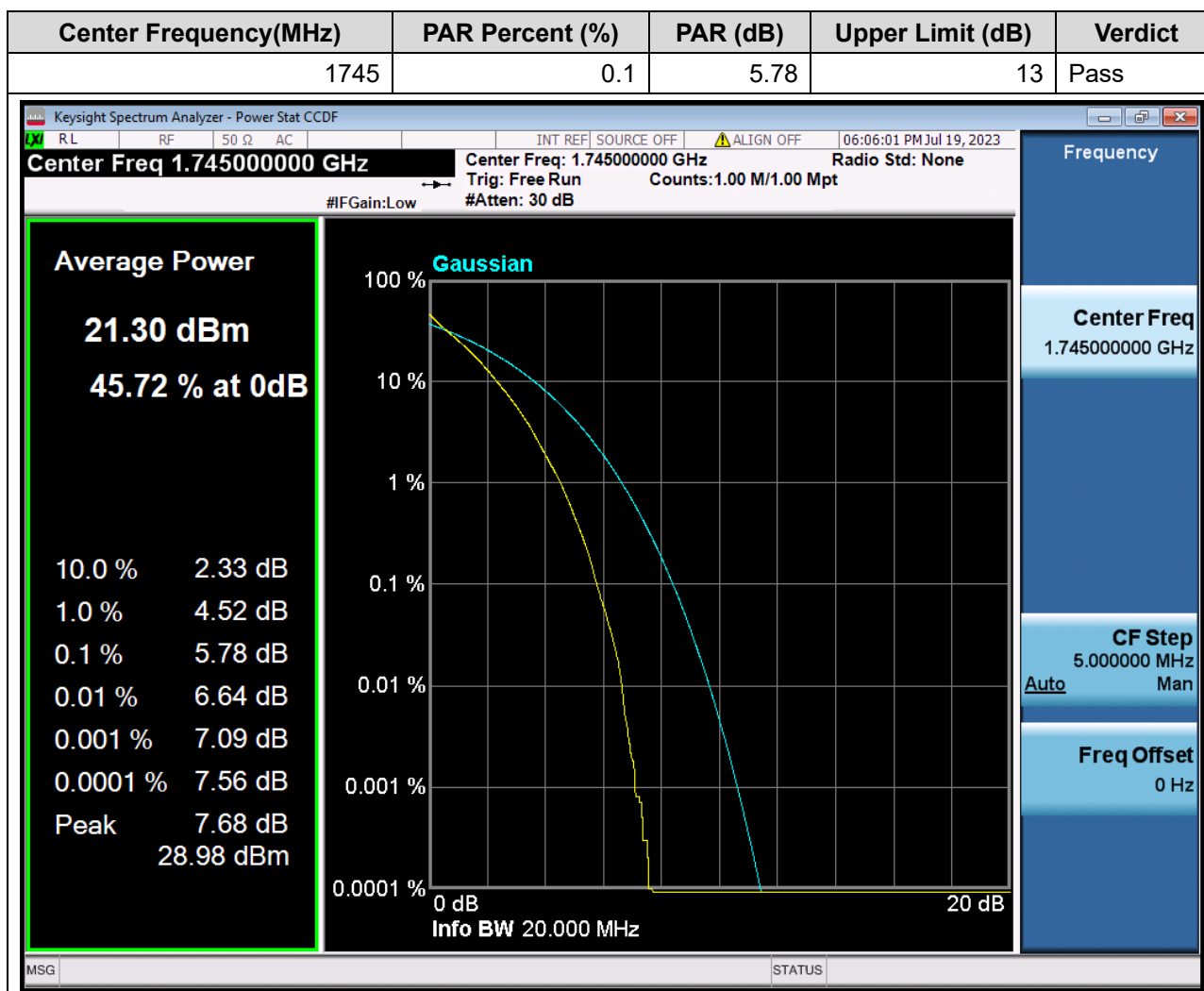
11.8. LTE Peak to Average Ratio(NTNV)(Subtest:8, Channel:20175, Bandwidth:20, Modulation:Q16, RB Number: 100, RB Position:LOW)



11.9. LTE Peak to Average Ratio(NTNV)(Subtest:9, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 1, RB Position:LOW)



11.10. LTE Peak to Average Ratio(NTNV)(Subtest:10, Channel:20300, Bandwidth:20, Modulation:QPSK, RB Number: 100, RB Position:LOW)



11.11. LTE Peak to Average Ratio(NTNV)(Subtest:11, Channel:20300, Bandwidth:20, Modulation:Q16, RB Number: 1, RB Position:LOW)

