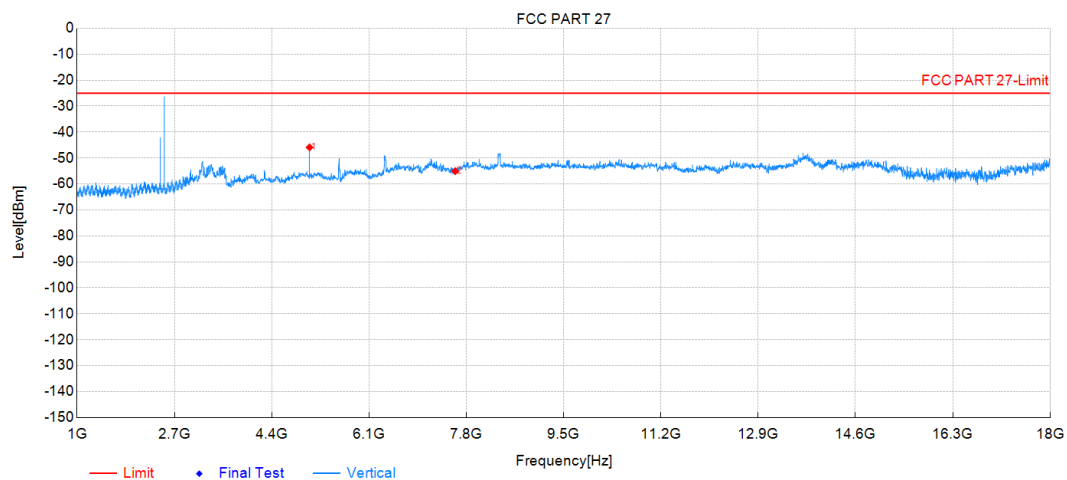




CHANNEL BANDWIDTH	10MHz/QPSK	MODE	TX channel 507000
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	5061.2122	-49.86	-45.89	3.97	-25.00	20.89	Vertical	PK	PASS
2	7605.5211	-63.66	-55.06	8.60	-25.00	30.06	Vertical	PK	PASS

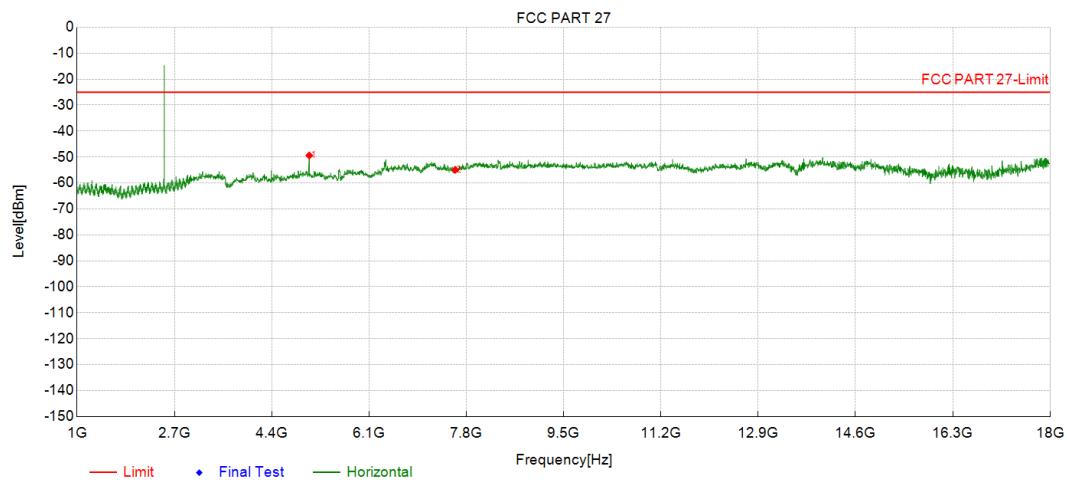




CHANNEL BANDWIDTH	15MHz/QPSK	MODE	TX channel 507000
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	5056.6113	-53.22	-49.41	3.81	-25.00	24.41	Horizontal	PK	PASS
2	7605.5211	-63.33	-54.65	8.68	-25.00	29.65	Horizontal	PK	PASS

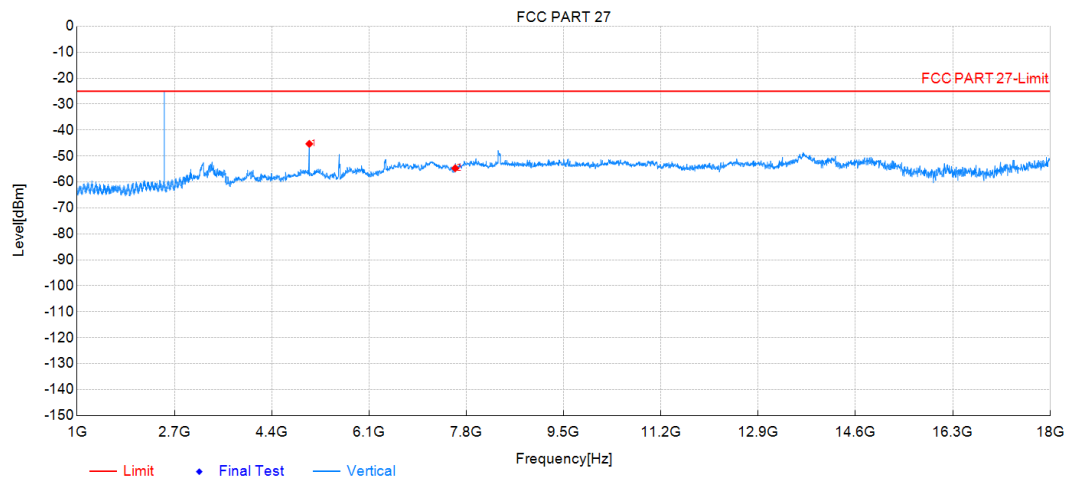




CHANNEL BANDWIDTH	15MHz/QPSK	MODE	TX channel 507000
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	5056.6113	-49.26	-45.30	3.96	-25.00	20.30	Vertical	PK	PASS
2	7605.5211	-62.81	-54.21	8.60	-25.00	29.21	Vertical	PK	PASS

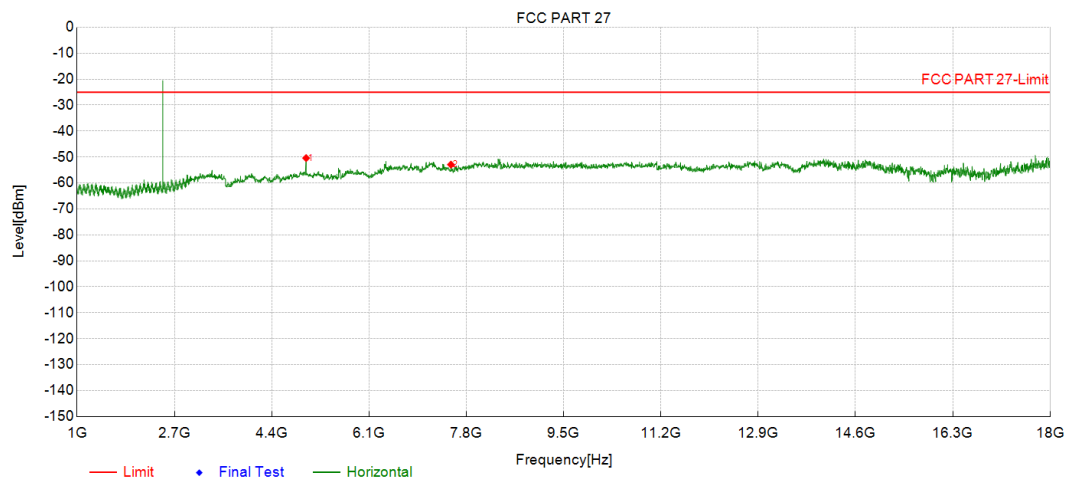




CHANNEL BANDWIDTH	20MHz/QPSK	MODE	TX channel 502000
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	5001.4003	-54.35	-50.40	3.95	-25.00	25.40	Horizontal	PK	PASS
2	7531.9064	-61.62	-52.91	8.71	-25.00	27.91	Horizontal	PK	PASS

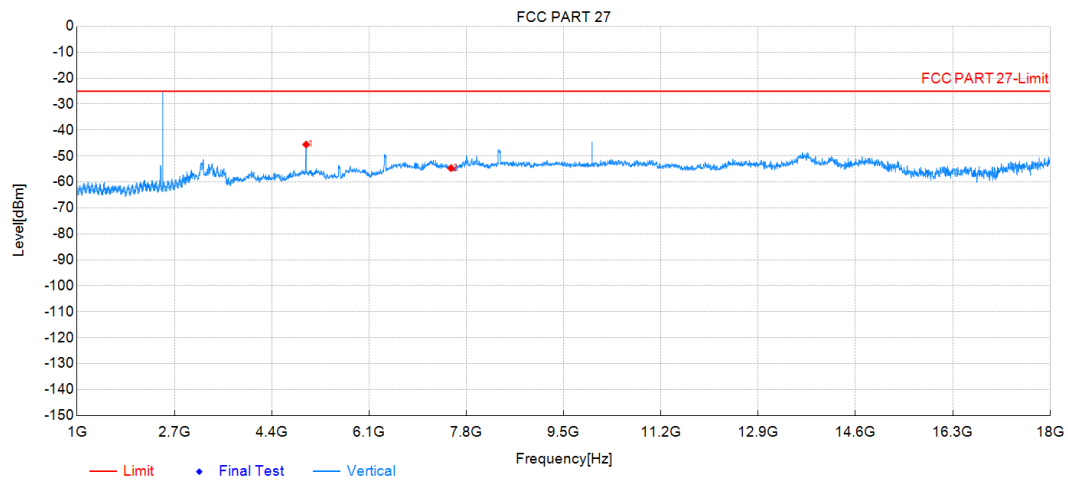




CHANNEL BANDWIDTH	20MHz/QPSK	MODE	TX channel 502000
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	5001.4003	-49.54	-45.57	3.97	-25.00	20.57	Vertical	PK	PASS
2	7531.9064	-63.36	-54.67	8.69	-25.00	29.67	Vertical	PK	PASS

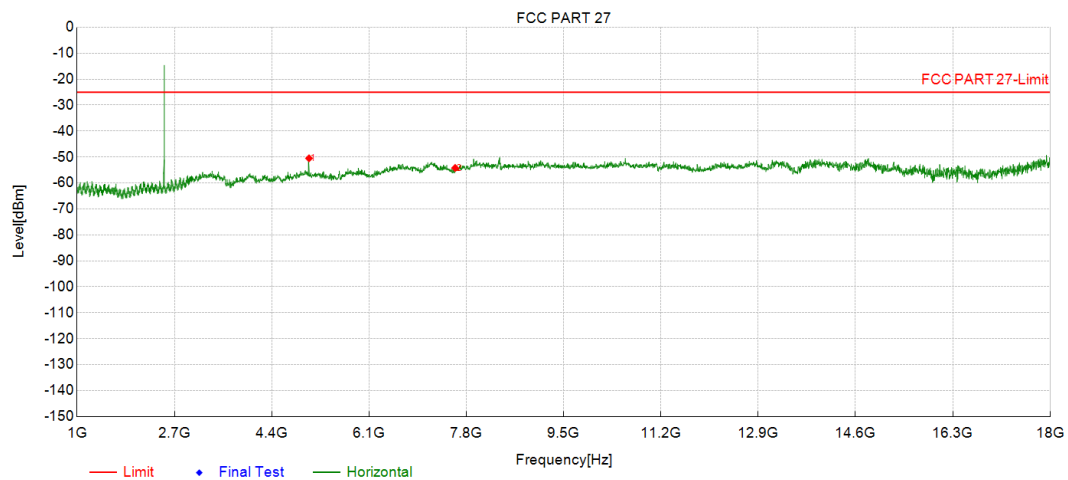




CHANNEL BANDWIDTH	20MHz/QPSK	MODE	TX channel 507000
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	5052.0104	-54.32	-50.49	3.83	-25.00	25.49	Horizontal	PK	PASS
2	7605.5211	-62.88	-54.21	8.67	-25.00	29.21	Horizontal	PK	PASS

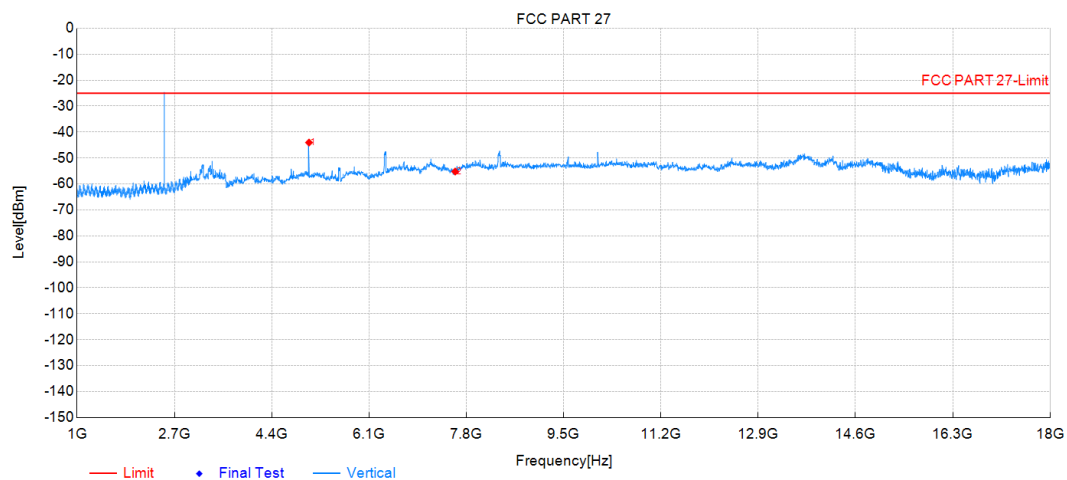




CHANNEL BANDWIDTH	20MHz/QPSK	MODE	TX channel 507000
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	5052.0104	-48.00	-44.03	3.97	-25.00	19.03	Vertical	PK	PASS
2	7605.5211	-63.76	-55.20	8.56	-25.00	30.20	Vertical	PK	PASS

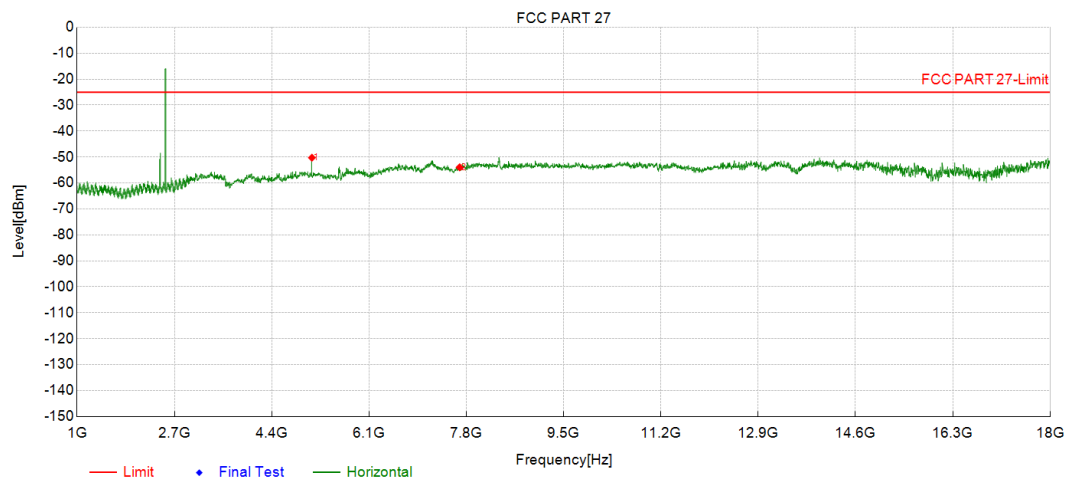




CHANNEL BANDWIDTH	20MHz/QPSK	MODE	TX channel 512000
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	5102.6205	-53.95	-50.25	3.70	-25.00	25.25	Horizontal	PK	PASS
2	7683.7367	-62.82	-53.96	8.86	-25.00	28.96	Horizontal	PK	PASS

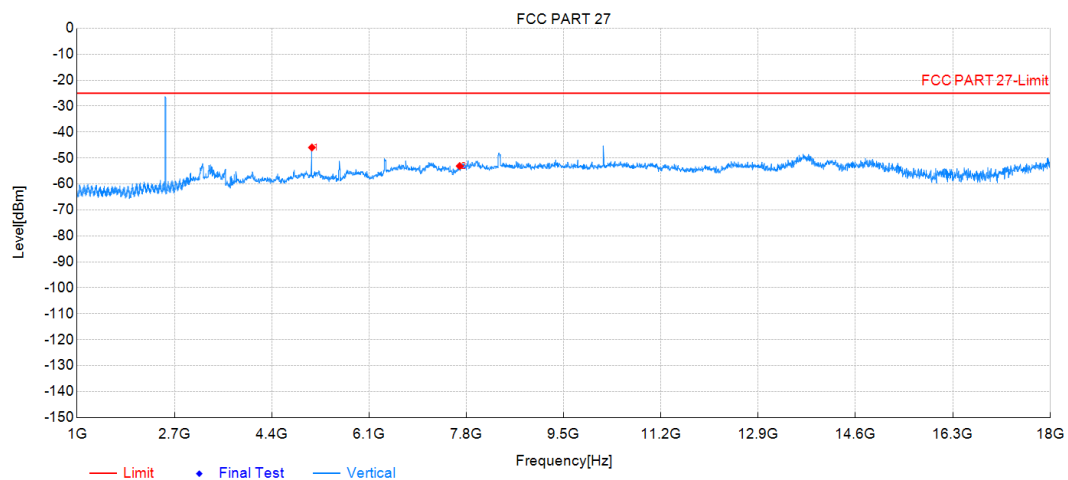




CHANNEL BANDWIDTH	20MHz/QPSK	MODE	TX channel 512000
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

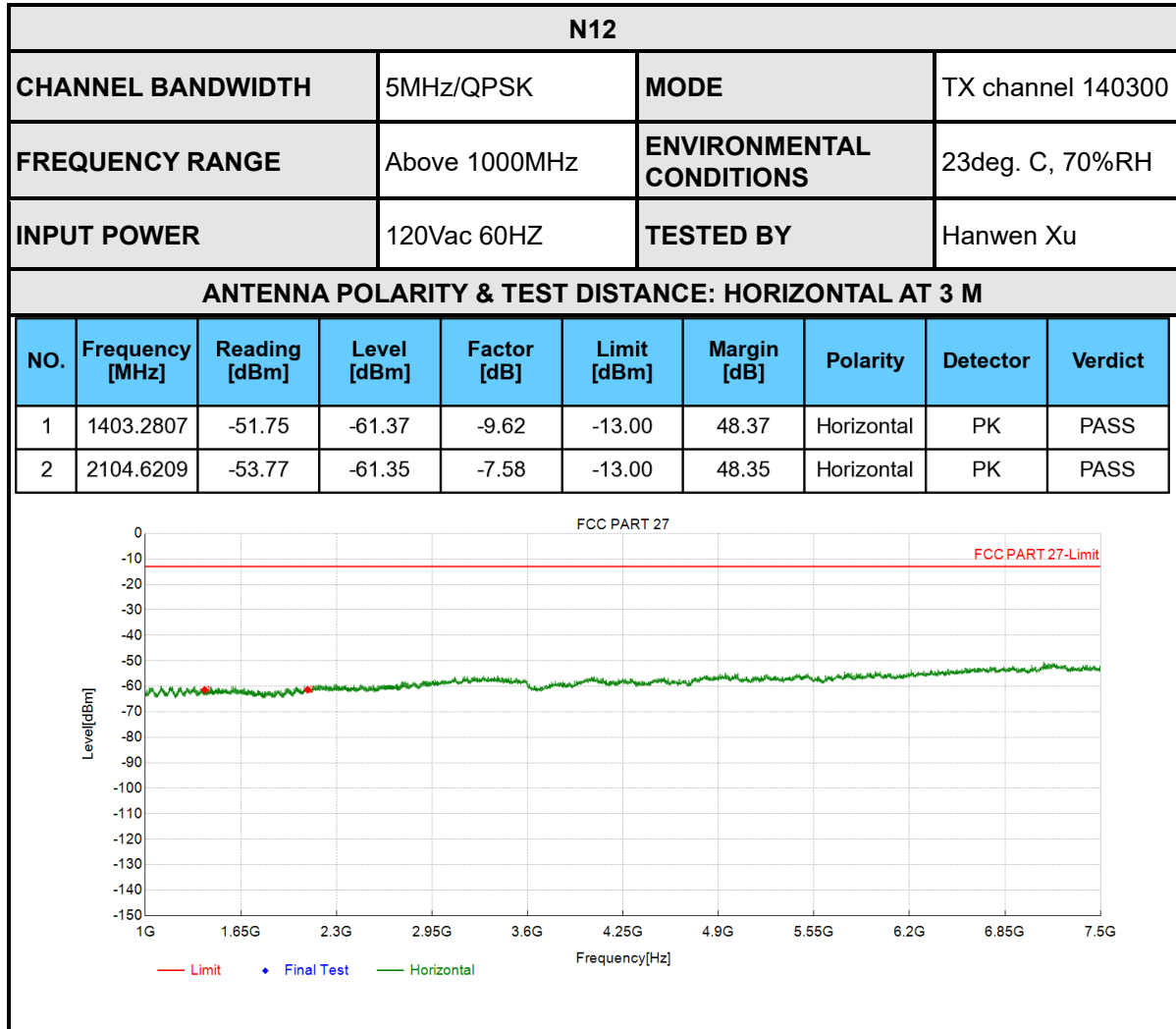
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	5102.6205	-49.89	-45.93	3.96	-25.00	20.93	Vertical	PK	PASS
2	7683.7367	-62.27	-53.08	9.19	-25.00	28.08	Vertical	PK	PASS





BUREAU VERITAS Test Report No.: PSU-QBJ2512030110RF03
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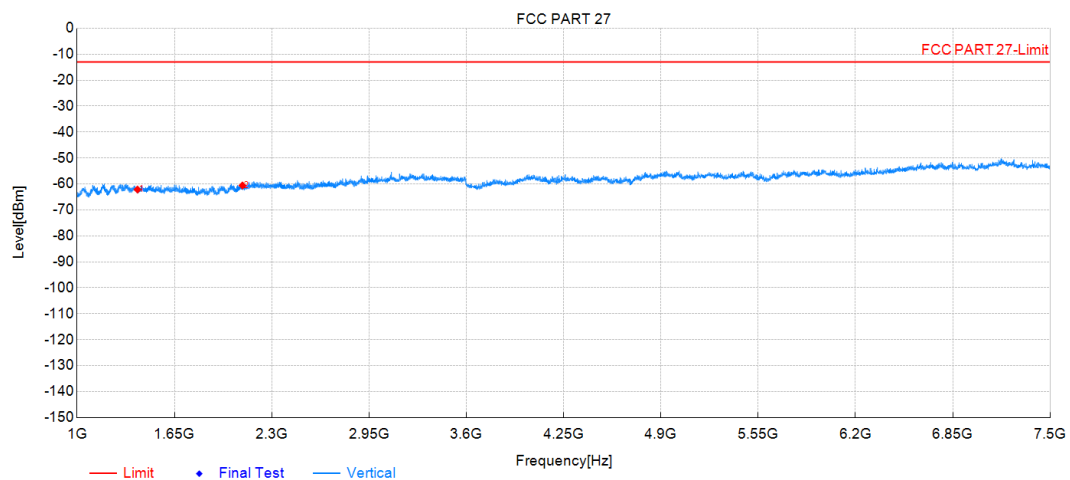




CHANNEL BANDWIDTH	5MHz/QPSK	MODE	TX channel 140300
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1403.2807	-53.02	-62.15	-9.13	-13.00	49.15	Vertical	PK	PASS
2	2104.6209	-53.12	-60.56	-7.44	-13.00	47.56	Vertical	PK	PASS

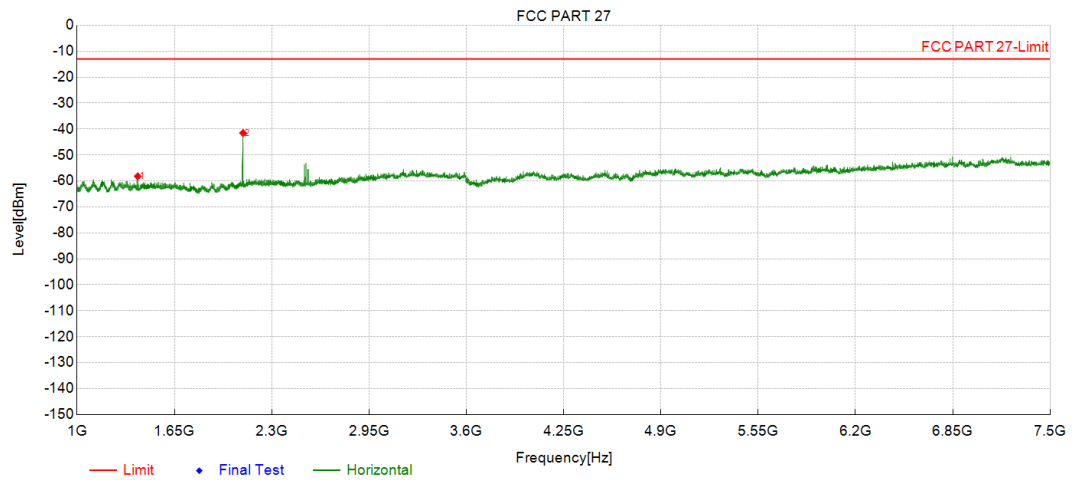




CHANNEL BANDWIDTH	5MHz/QPSK	MODE	TX channel 141500
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1405.2811	-48.57	-58.19	-9.62	-13.00	45.19	Horizontal	PK	PASS
2	2108.6217	-33.97	-41.51	-7.54	-13.00	28.51	Horizontal	PK	PASS

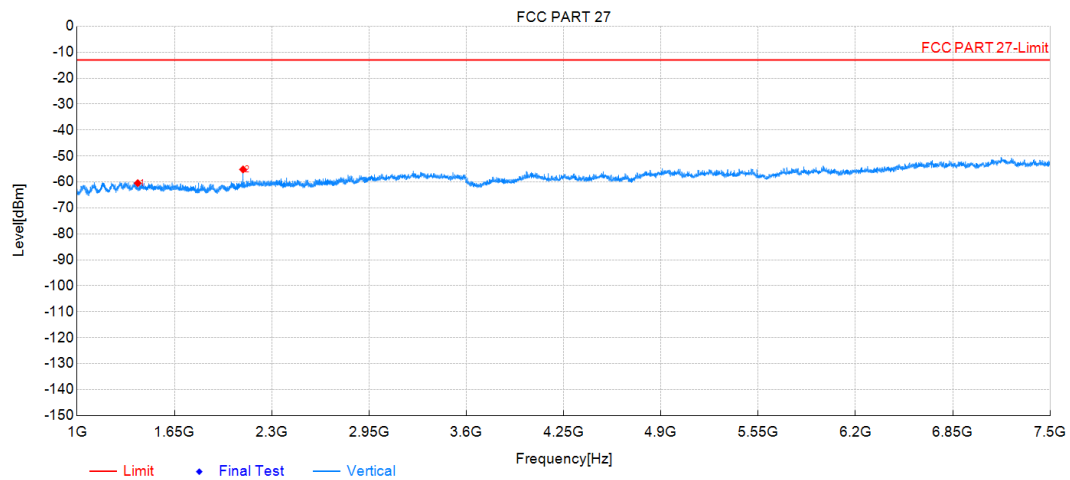




CHANNEL BANDWIDTH	5MHz/QPSK	MODE	TX channel 141500
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1405.2811	-51.32	-60.45	-9.13	-13.00	47.45	Vertical	PK	PASS
2	2108.6217	-47.75	-55.16	-7.41	-13.00	42.16	Vertical	PK	PASS



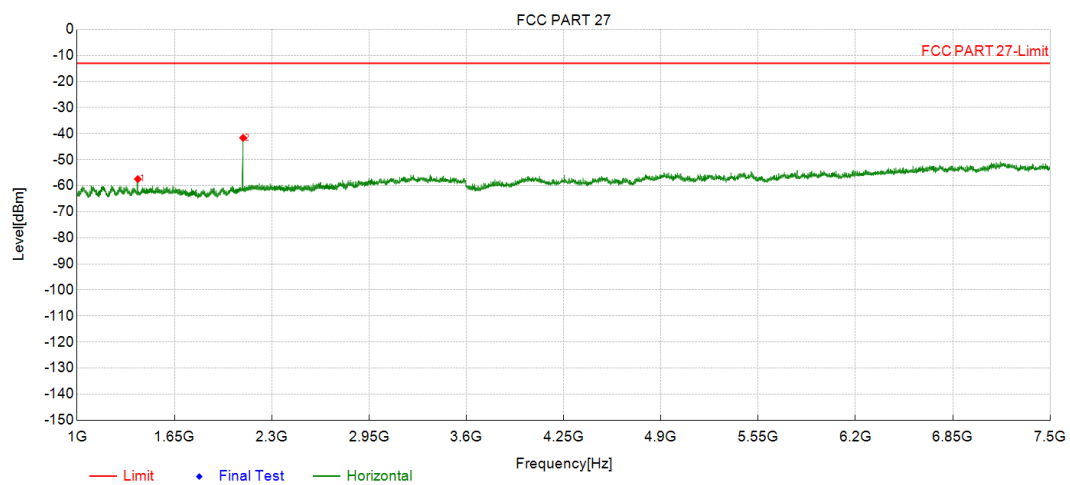


CHANNEL BANDWIDTH	5MHz/QPSK	MODE	TX channel 142700
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Data List

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1405.6811	-47.82	-57.44	-9.62	-13.00	44.44	Horizon	PK	PASS
2	2108.6217	-34.08	-41.62	-7.54	-13.00	28.62	Horizon	PK	PASS

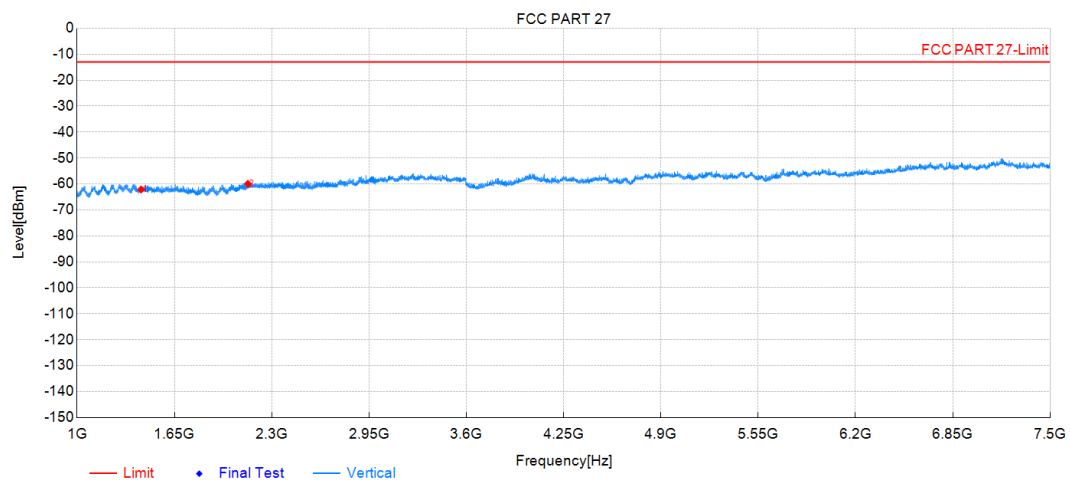




CHANNEL BANDWIDTH	5MHz/QPSK	MODE	TX channel 142700
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1427.2855	-52.96	-62.13	-9.17	-13.00	49.13	Vertical	PK	PASS
2	2140.6281	-52.77	-59.93	-7.16	-13.00	46.93	Vertical	PK	PASS

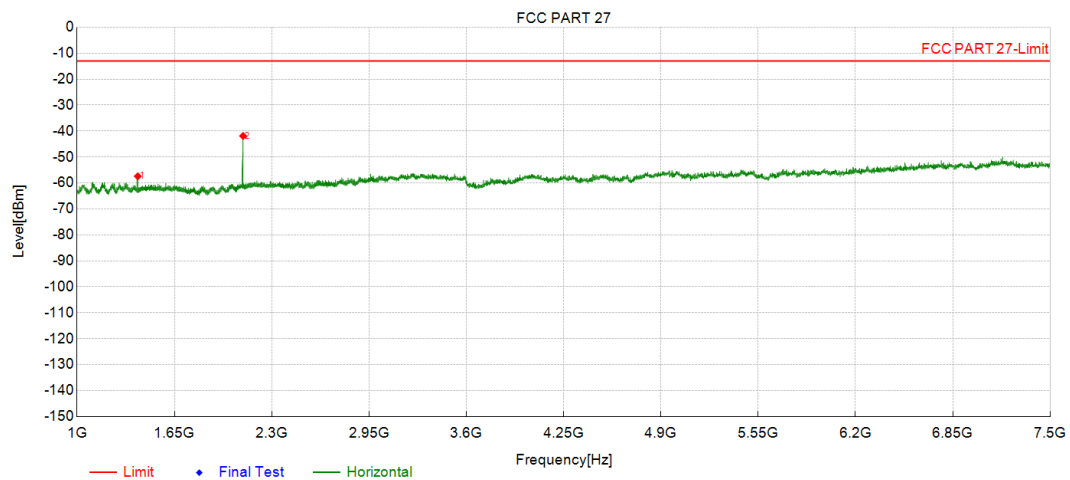




CHANNEL BANDWIDTH	10MHz/QPSK	MODE	TX channel 141500
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1405.2811	-47.79	-57.41	-9.62	-13.00	44.41	Horizontal	PK	PASS
2	2108.6217	-34.34	-41.88	-7.54	-13.00	28.88	Horizontal	PK	PASS

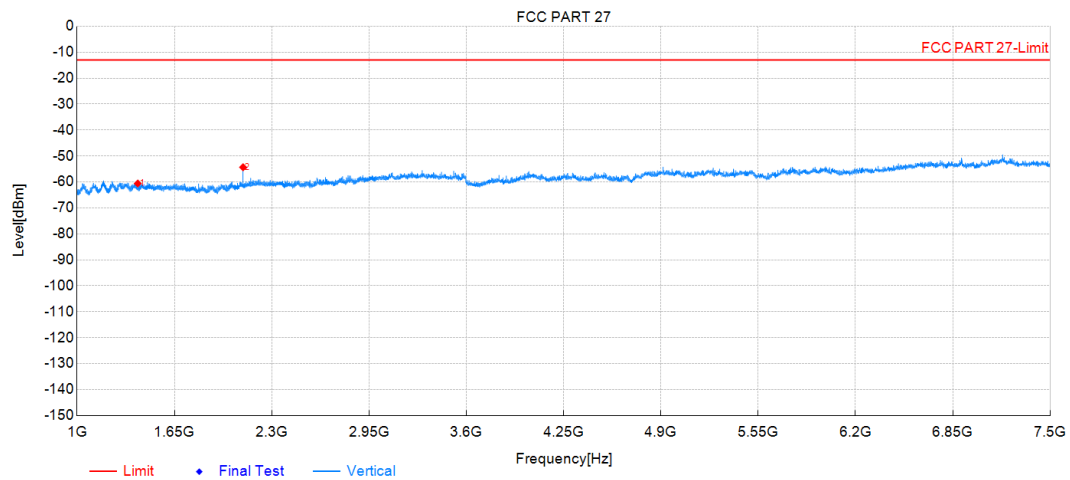




CHANNEL BANDWIDTH	10MHz/QPSK	MODE	TX channel 141500
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1405.2811	-51.45	-60.58	-9.13	-13.00	47.58	Vertical	PK	PASS
2	2108.6217	-46.91	-54.32	-7.41	-13.00	41.32	Vertical	PK	PASS

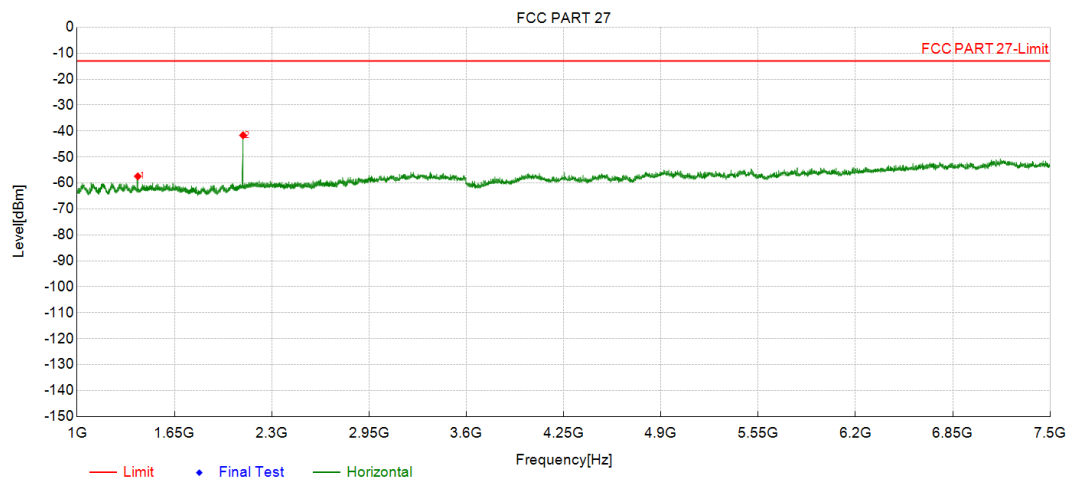




CHANNEL BANDWIDTH	15MHz/QPSK	MODE	TX channel 141500
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1405.6811	-47.82	-57.44	-9.62	-13.00	44.44	Horizontal	PK	PASS
2	2108.6217	-34.08	-41.62	-7.54	-13.00	28.62	Horizontal	PK	PASS

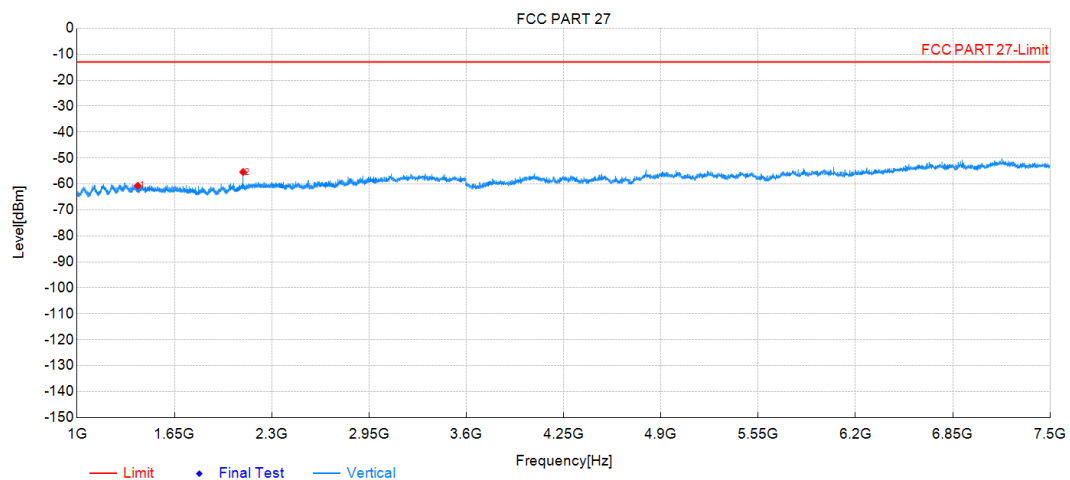




CHANNEL BANDWIDTH	15MHz/QPSK	MODE	TX channel 141500
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1405.2811	-51.56	-60.69	-9.13	-13.00	47.69	Vertical	PK	PASS
2	2108.6217	-47.97	-55.38	-7.41	-13.00	42.38	Vertical	PK	PASS

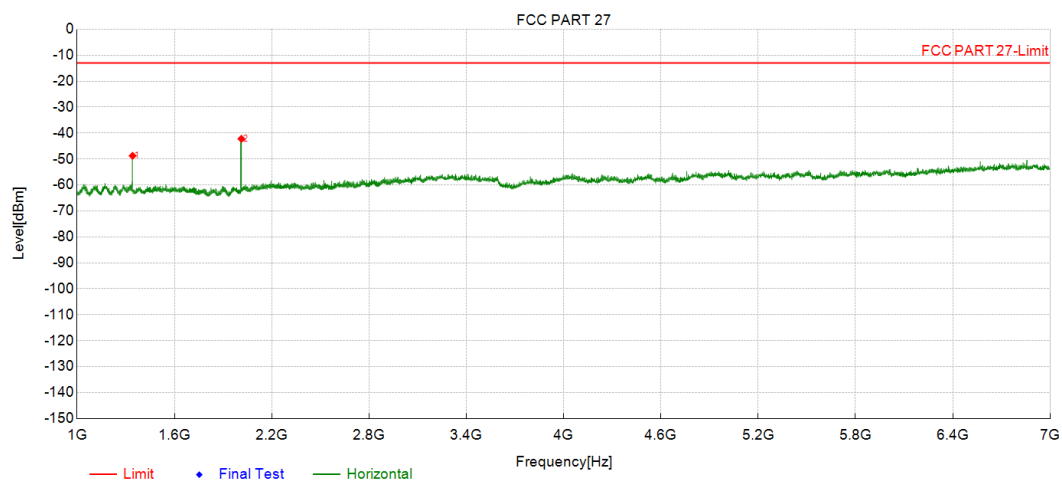




N71			
CHANNEL BANDWIDTH	5MHz/QPSK	MODE	TX channel 136100
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1342.0684	-39.35	-48.75	-9.40	-13.00	35.75	Horizontal	PK	PASS
2	2013.0026	-33.86	-42.21	-8.35	-13.00	29.21	Horizontal	PK	PASS

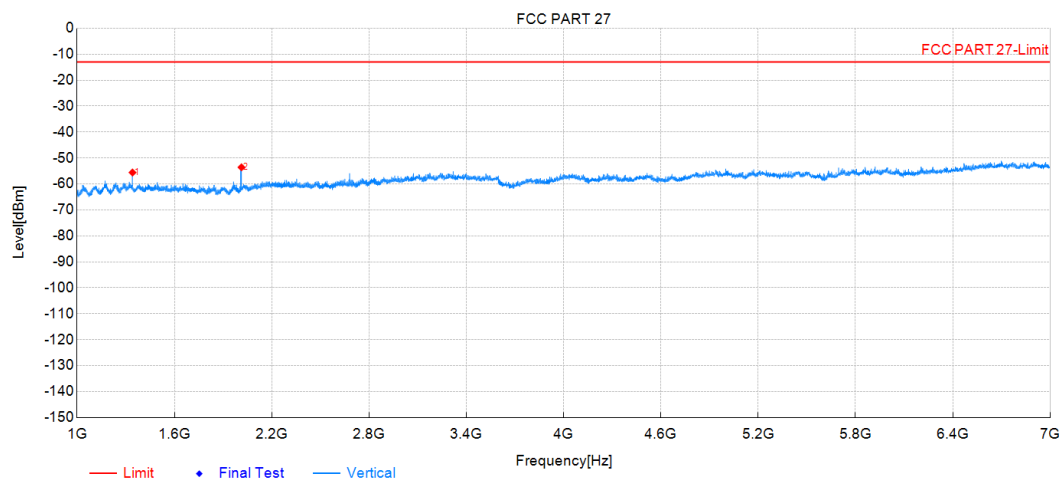




CHANNEL BANDWIDTH	5MHz/QPSK	MODE	TX channel 136100
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1341.6683	-46.56	-55.57	-9.01	-13.00	42.57	Vertical	PK	PASS
2	2013.4027	-45.38	-53.57	-8.19	-13.00	40.57	Vertical	PK	PASS

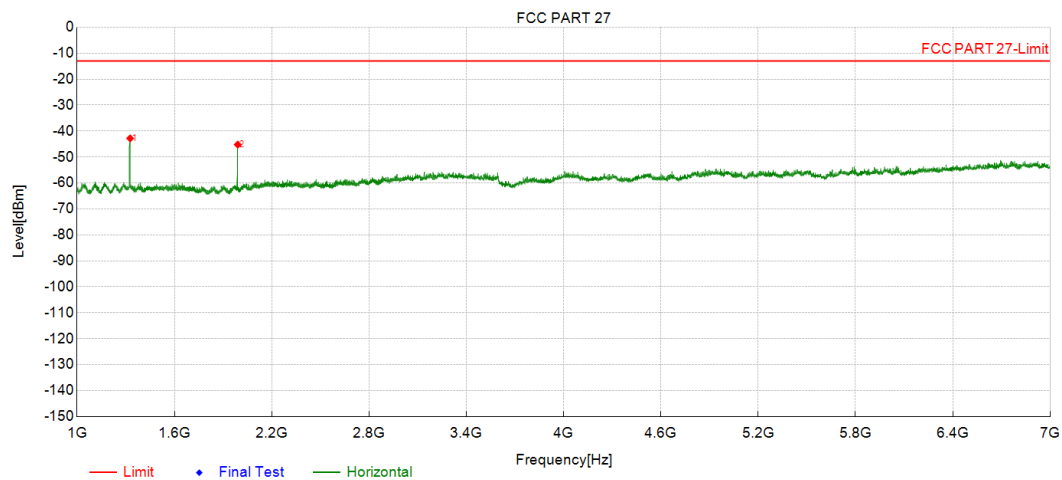




CHANNEL BANDWIDTH	10MHz/QPSK	MODE	TX channel 133600
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1326.8654	-33.45	-42.79	-9.34	-13.00	29.79	Horizontal	PK	PASS
2	1990.198	-36.66	-45.19	-8.53	-13.00	32.19	Horizontal	PK	PASS

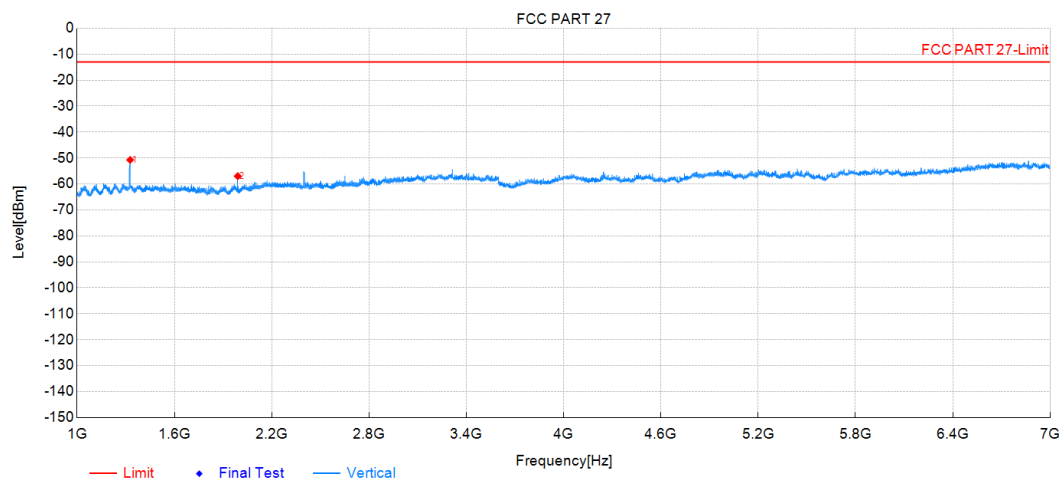




CHANNEL BANDWIDTH	10MHz/QPSK	MODE	TX channel 133600
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1326.8654	-41.73	-50.71	-8.98	-13.00	37.71	Vertical	PK	PASS
2	1990.198	-48.59	-56.97	-8.38	-13.00	43.97	Vertical	PK	PASS

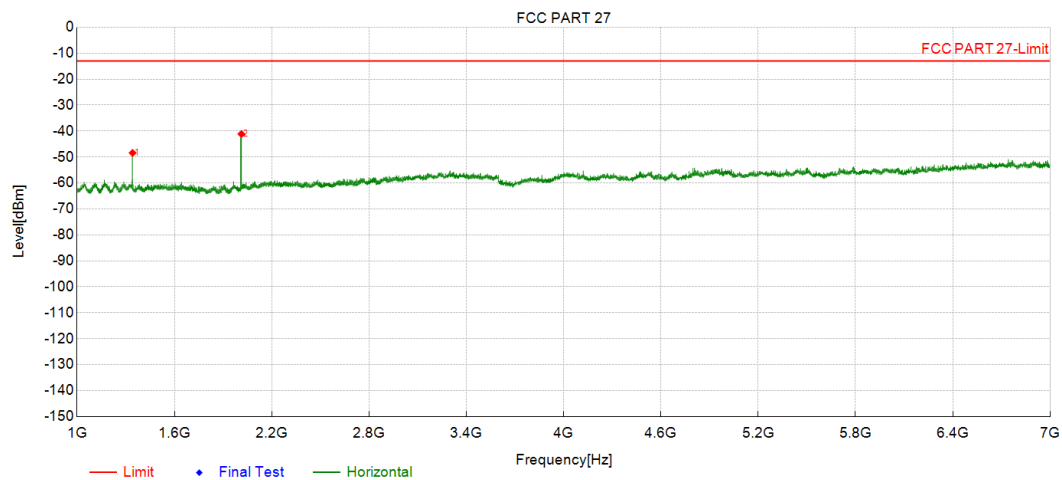




CHANNEL BANDWIDTH	10MHz/QPSK	MODE	TX channel 136100
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1342.0684	-38.99	-48.39	-9.40	-13.00	35.39	Horizontal	PK	PASS
2	2013.0026	-32.79	-41.14	-8.35	-13.00	28.14	Horizontal	PK	PASS

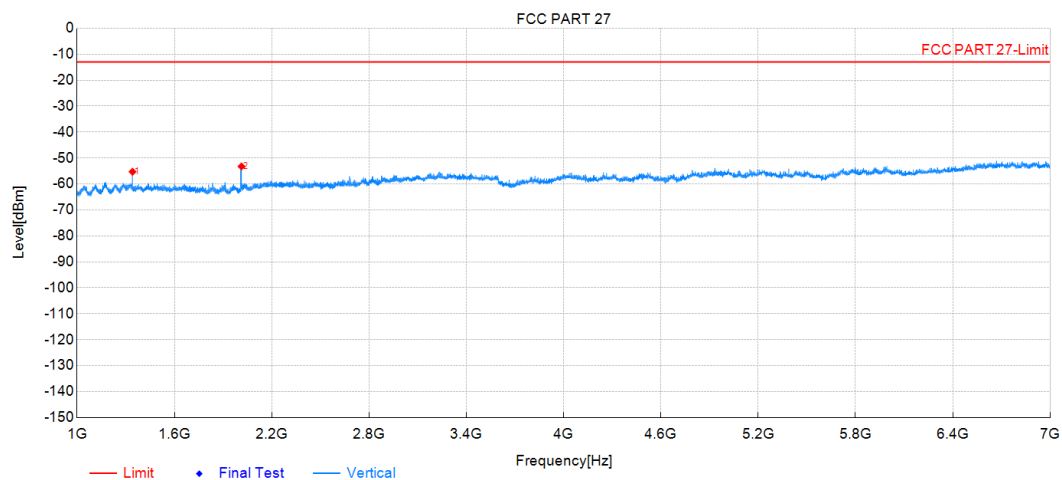




CHANNEL BANDWIDTH	10MHz/QPSK	MODE	TX channel 136100
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1341.6683	-46.27	-55.28	-9.01	-13.00	42.28	Vertical	PK	PASS
2	2013.4027	-45.05	-53.24	-8.19	-13.00	40.24	Vertical	PK	PASS

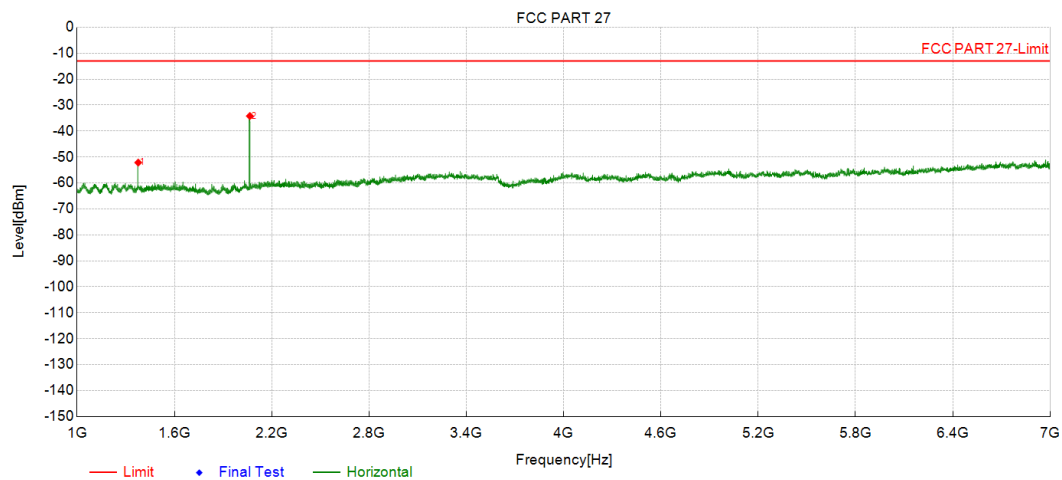


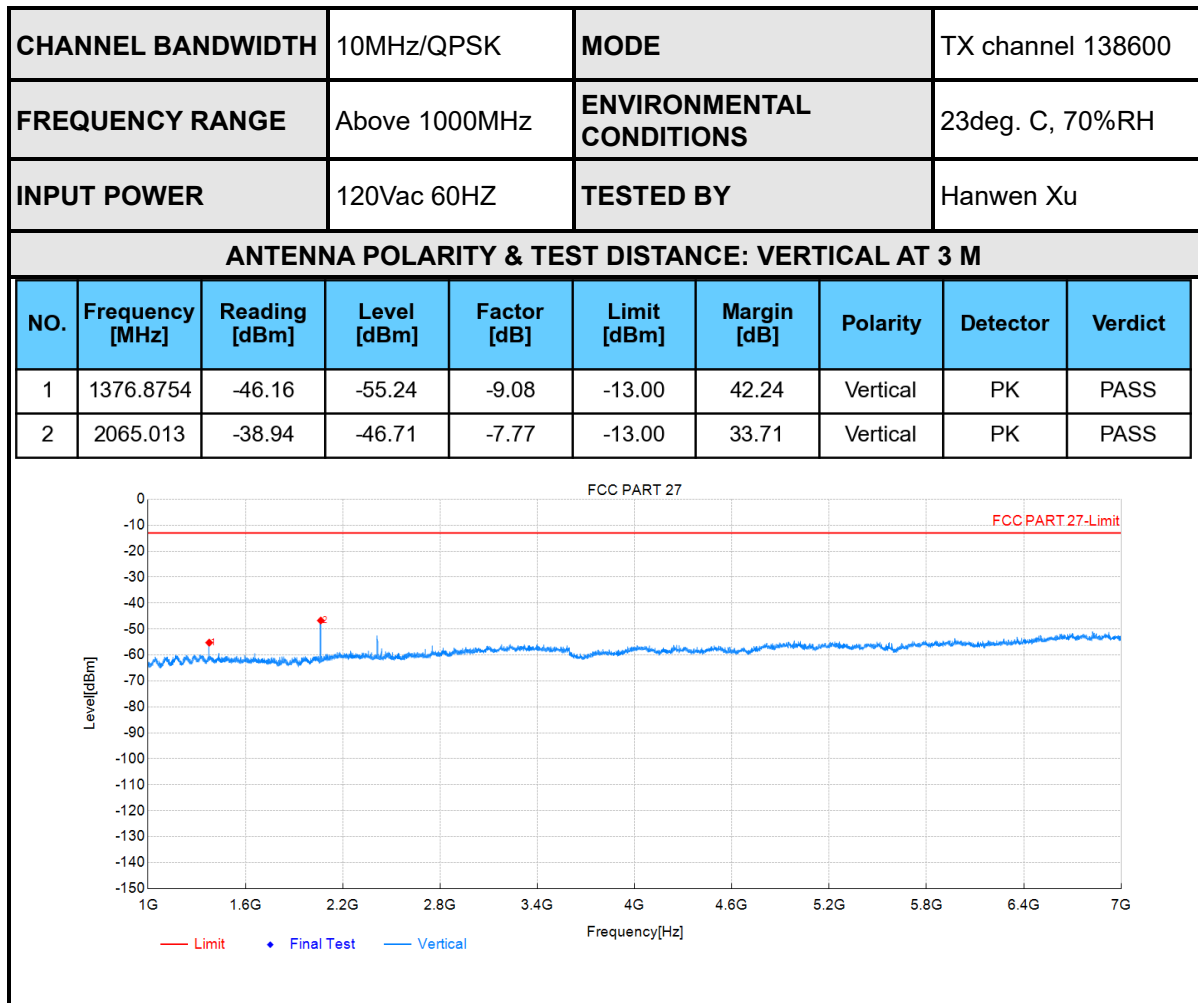


CHANNEL BANDWIDTH	10MHz/QPSK	MODE	TX channel 138600
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1376.8754	-42.58	-52.12	-9.54	-13.00	39.12	Horizontal	PK	PASS
2	2065.4131	-26.30	-34.20	-7.90	-13.00	21.20	Horizontal	PK	PASS



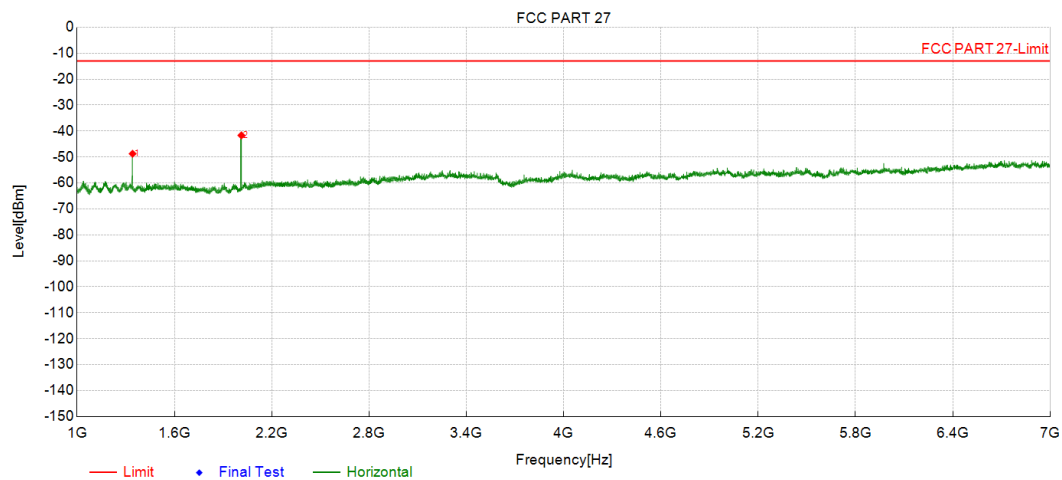




CHANNEL BANDWIDTH	15MHz/QPSK	MODE	TX channel 136100
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1342.0684	-39.34	-48.74	-9.40	-13.00	35.74	Horizontal	PK	PASS
2	2013.0026	-33.30	-41.65	-8.35	-13.00	28.65	Horizontal	PK	PASS

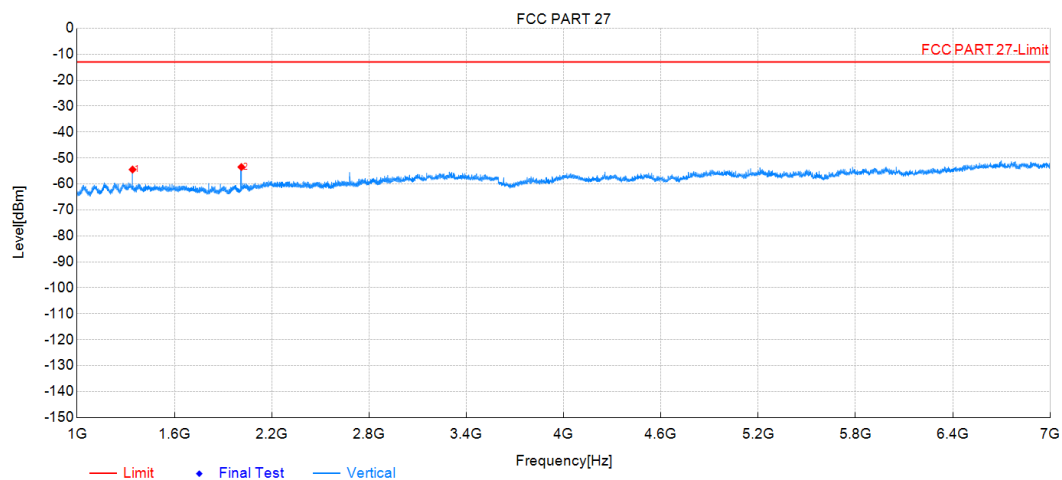




CHANNEL BANDWIDTH	15MHz/QPSK	MODE	TX channel 136100
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1342.0684	-45.42	-54.43	-9.01	-13.00	41.43	Vertical	PK	PASS
2	2013.0026	-45.27	-53.47	-8.20	-13.00	40.47	Vertical	PK	PASS

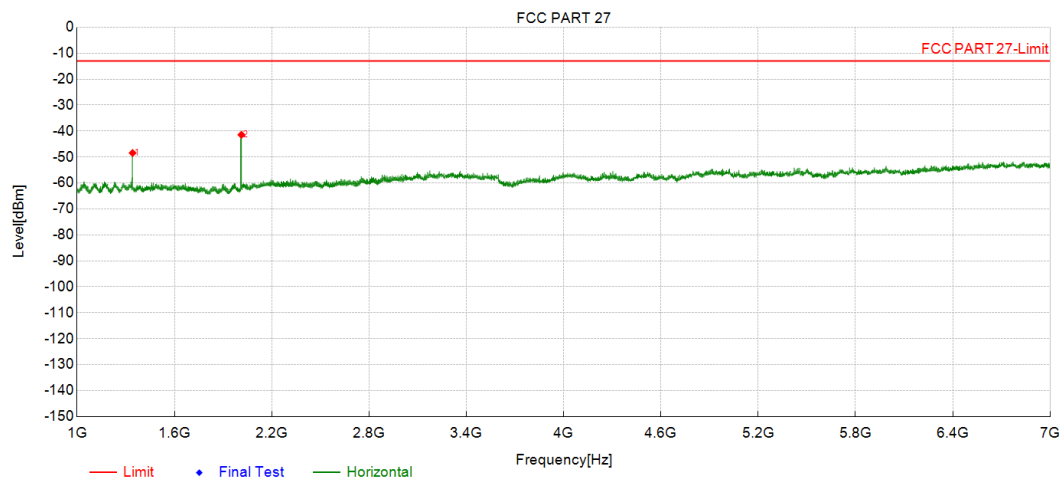




CHANNEL BANDWIDTH	20MHz/QPSK	MODE	TX channel 136100
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1342.0684	-39.04	-48.44	-9.40	-13.00	35.44	Horizontal	PK	PASS
2	2013.0026	-33.07	-41.42	-8.35	-13.00	28.42	Horizontal	PK	PASS

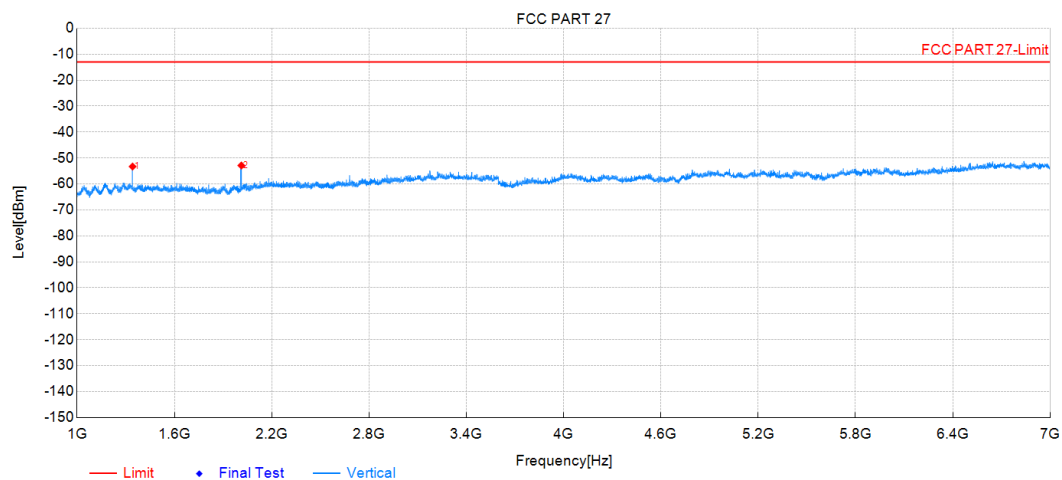




CHANNEL BANDWIDTH	20MHz/QPSK	MODE	TX channel 136100
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

NO.	Frequency [MHz]	Reading [dBm]	Level [dBm]	Factor [dB]	Limit [dBm]	Margin [dB]	Polarity	Detector	Verdict
1	1342.0684	-44.27	-53.28	-9.01	-13.00	40.28	Vertical	PK	PASS
2	2013.0026	-44.68	-52.88	-8.20	-13.00	39.88	Vertical	PK	PASS



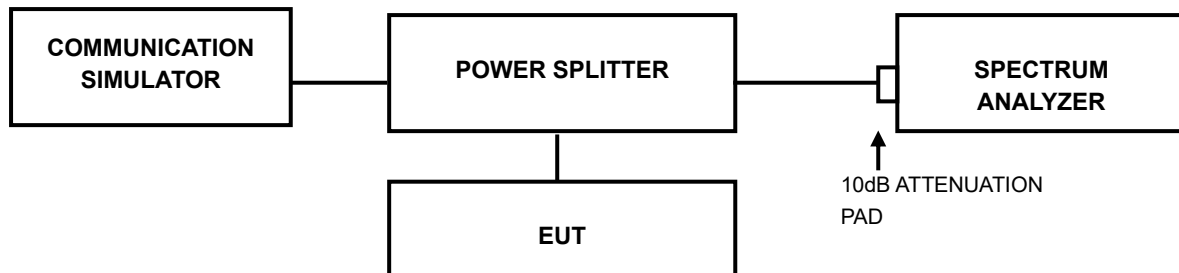


3.7 PEAK TO AVERAGE RATIO

3.7.1 LIMITS OF PEAK TO AVERAGE RATIO MEASUREMENT

In measuring transmissions in this band using an average power technique, the peak to-average ratio (PAR) of the transmission may not exceed 13 dB

3.7.2 TEST SETUP



3.7.3 TEST PROCEDURES

1. Set resolution/measurement bandwidth $\geq$ signal's occupied bandwidth;
2. Set the number of counts to a value that stabilizes the measured CCDF curve;
3. Record the maximum PAPR level associated with a probability of 0.1%.

3.7.4 TEST RESULTS

Please Refer to Appendix of this test report.



4 INFORMATION ON THE TESTING LABORATORIES

We, Huarui 7layers High Technology (Suzhou) Co., Ltd. ,were founded in 2020 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are accredited and approved according to ISO/IEC 17025.

Huarui 7Layers High Technology (Suzhou) Co., Ltd.

Lab Address:

Tower N, Innovation Center, 88 Zuyi Road, High-tech District, Suzhou City, Anhui Province, China

Accredited Test Lab Cert 6613.01

If you have any comments, please feel free to contact us at the following:

Suzhou EMC/RF Lab:

Tel: +86 (0557) 368 1008



5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications are made to the EUT by the lab during the test.



6 Appendix

LTE BAND 7

Peak-to-Average Ratio(CCDF)

Test Result

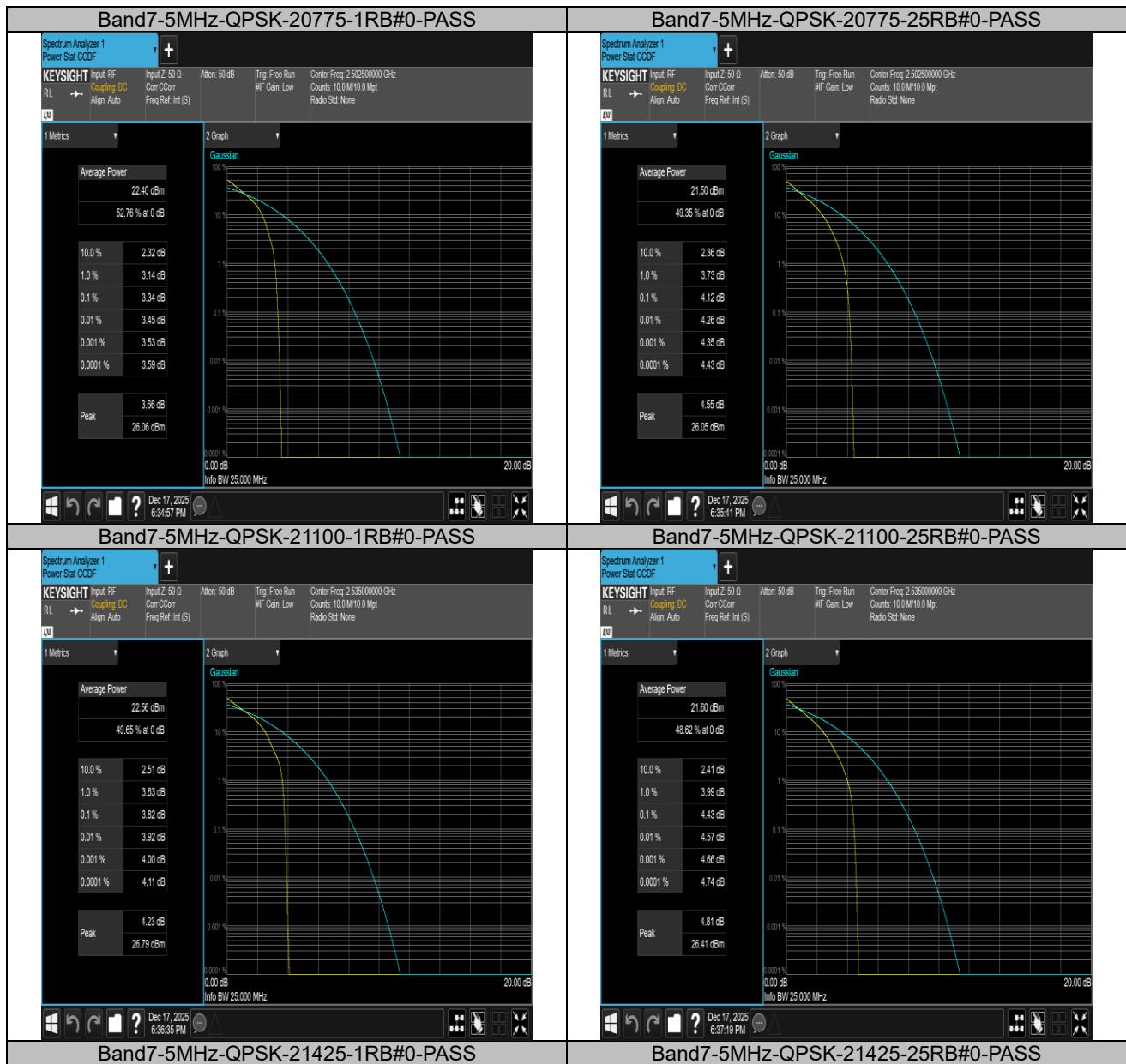
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	3.34	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.12	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	3.82	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.43	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	3.94	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.71	13	PASS
Band7	5MHz	64QAM	20775	1RB#0	5.21	13	PASS
Band7	5MHz	64QAM	20775	25RB#0	5.77	13	PASS
Band7	5MHz	64QAM	21100	1RB#0	5.68	13	PASS
Band7	5MHz	64QAM	21100	25RB#0	6.11	13	PASS
Band7	5MHz	64QAM	21425	1RB#0	5.82	13	PASS
Band7	5MHz	64QAM	21425	25RB#0	6.28	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	4.34	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.05	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	4.79	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.38	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	4.91	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.66	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	3.38	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	4.24	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	3.91	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	4.45	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	3.89	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.69	13	PASS
Band7	10MHz	64QAM	20800	1RB#0	5.20	13	PASS
Band7	10MHz	64QAM	20800	50RB#0	5.84	13	PASS
Band7	10MHz	64QAM	21100	1RB#0	5.76	13	PASS
Band7	10MHz	64QAM	21100	50RB#0	6.08	13	PASS
Band7	10MHz	64QAM	21400	1RB#0	5.74	13	PASS
Band7	10MHz	64QAM	21400	50RB#0	6.24	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	4.31	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.14	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	4.88	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.36	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	4.85	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.60	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	3.37	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	4.76	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.02	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	4.80	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	3.72	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.00	13	PASS
Band7	15MHz	64QAM	20825	1RB#0	5.13	13	PASS
Band7	15MHz	64QAM	20825	75RB#0	6.12	13	PASS
Band7	15MHz	64QAM	21100	1RB#0	5.89	13	PASS
Band7	15MHz	64QAM	21100	75RB#0	6.19	13	PASS
Band7	15MHz	64QAM	21375	1RB#0	5.49	13	PASS
Band7	15MHz	64QAM	21375	75RB#0	6.33	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	4.32	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.57	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	4.97	13	PASS

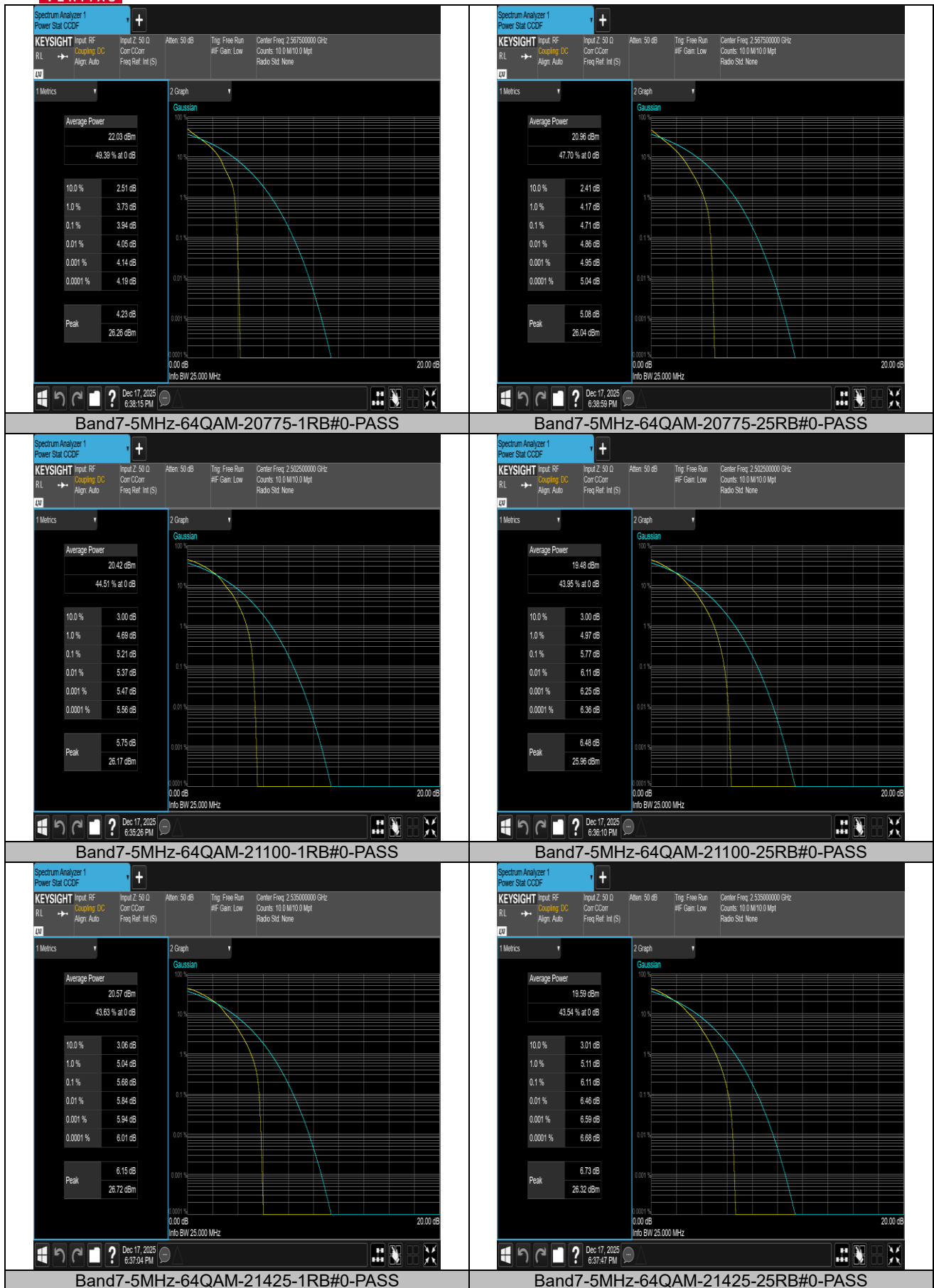


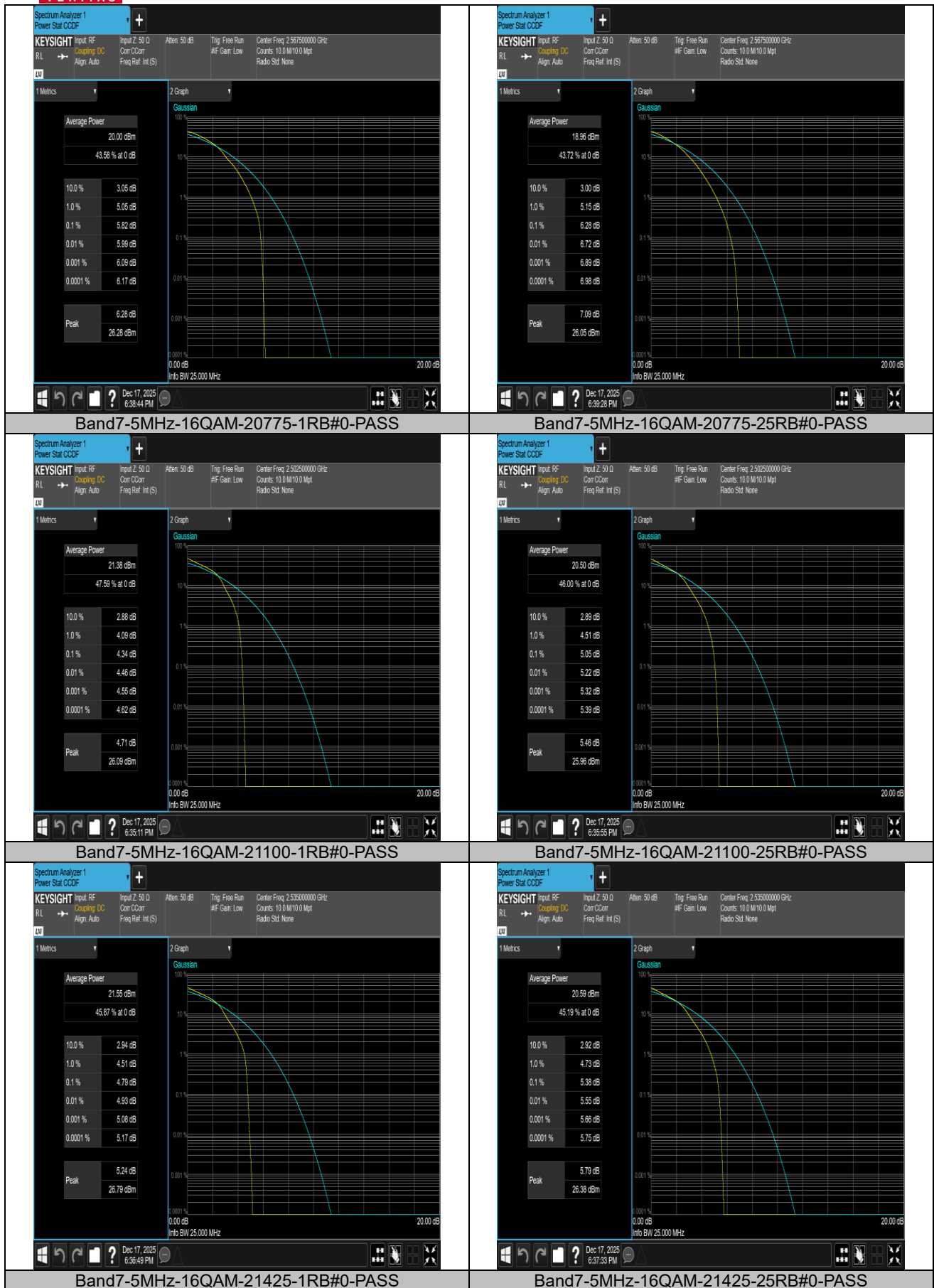
Band7	15MHz	16QAM	21100	75RB#0	5.63	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	4.65	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.81	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	3.28	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	4.89	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.01	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	4.73	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	3.45	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.89	13	PASS
Band7	20MHz	64QAM	20850	1RB#0	5.11	13	PASS
Band7	20MHz	64QAM	20850	100RB#0	6.23	13	PASS
Band7	20MHz	64QAM	21100	1RB#0	5.90	13	PASS
Band7	20MHz	64QAM	21100	100RB#0	6.14	13	PASS
Band7	20MHz	64QAM	21350	1RB#0	5.27	13	PASS
Band7	20MHz	64QAM	21350	100RB#0	6.26	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	4.29	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.70	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.03	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.59	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	4.32	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.74	13	PASS

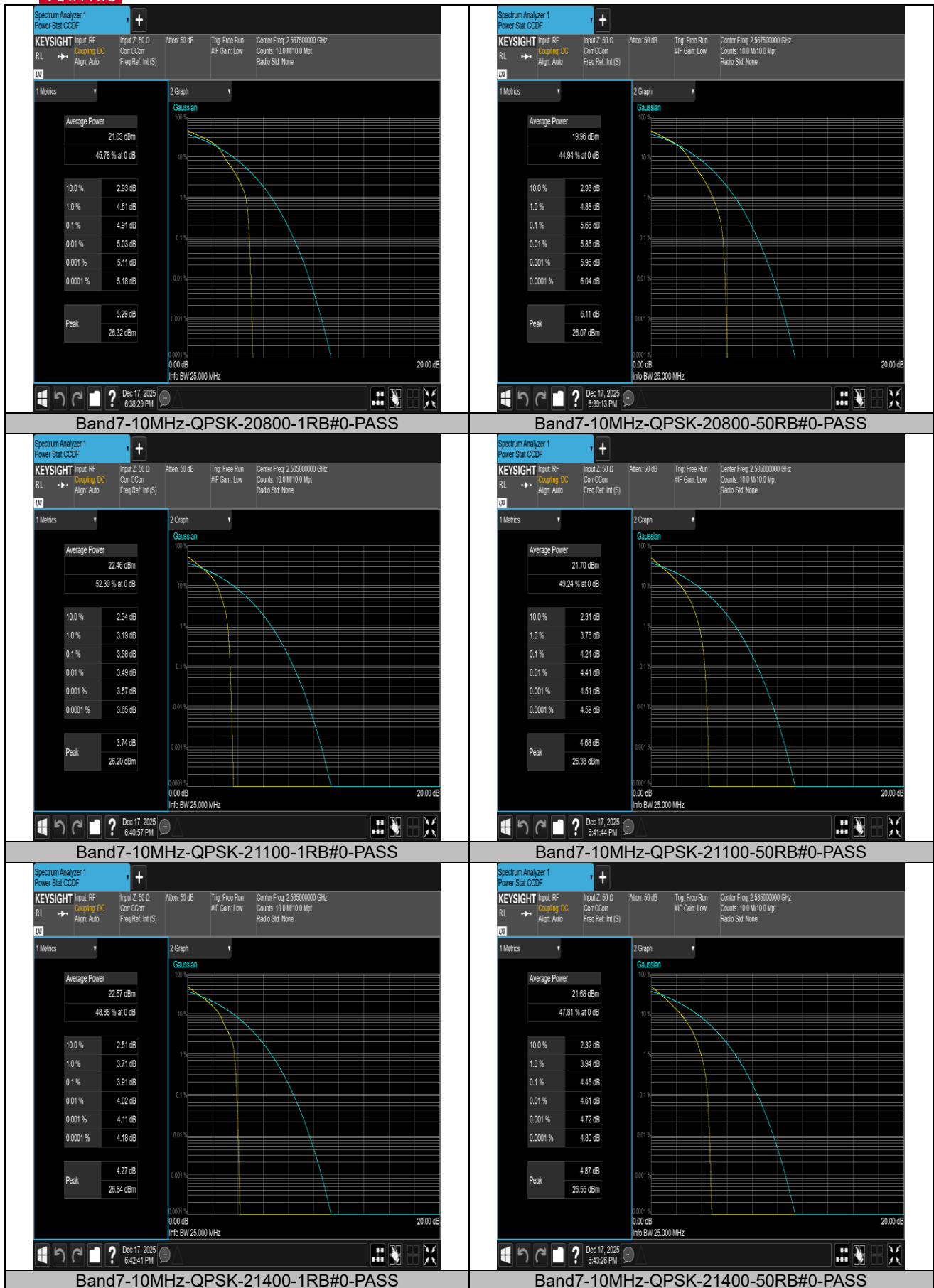


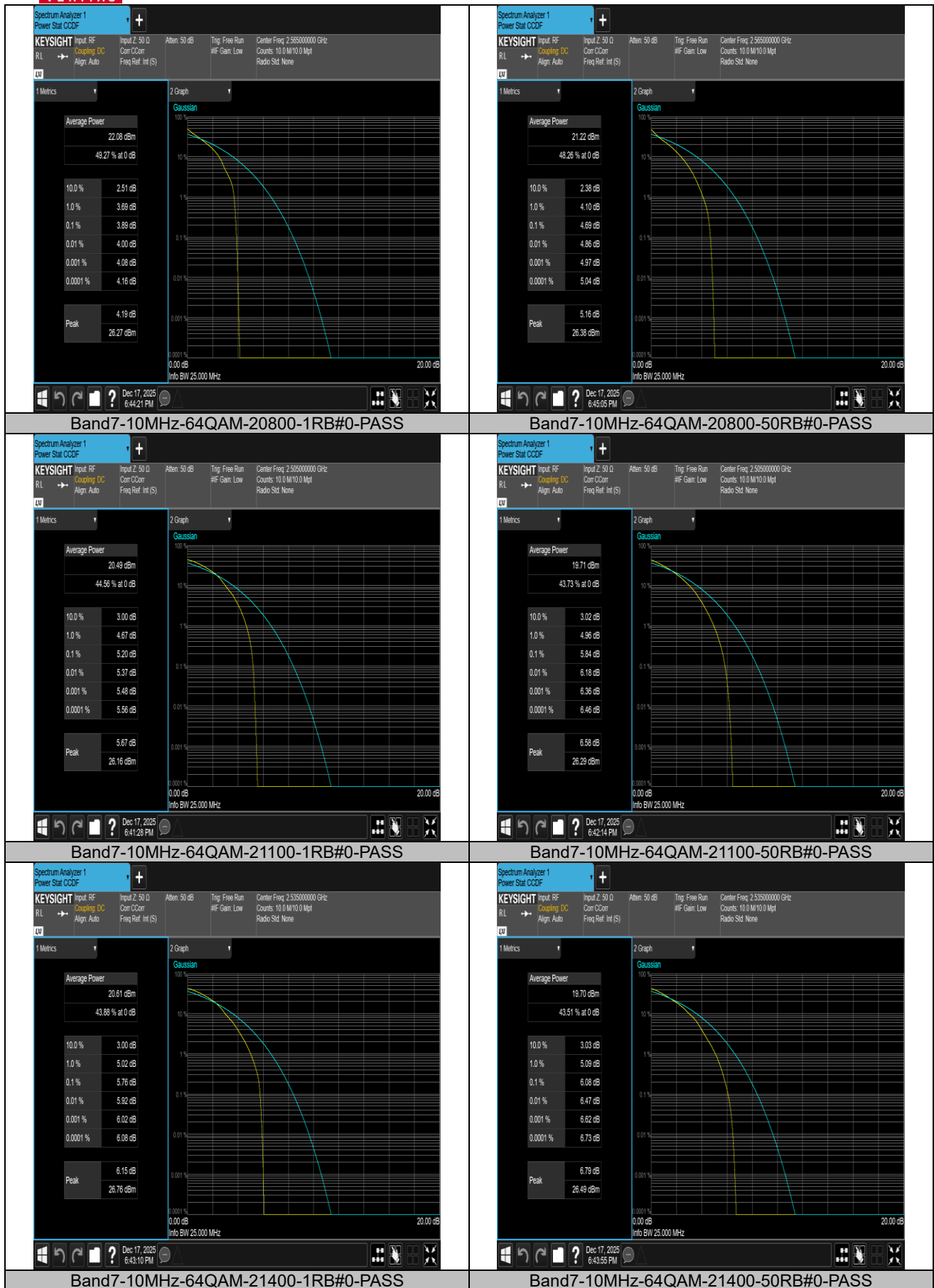
Test Graphs

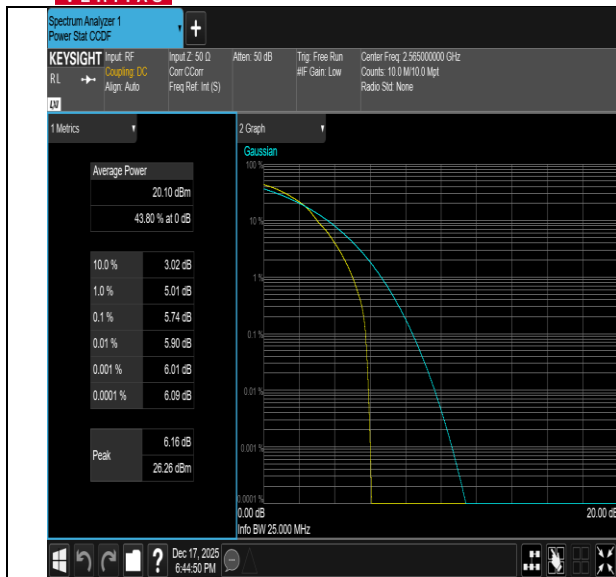




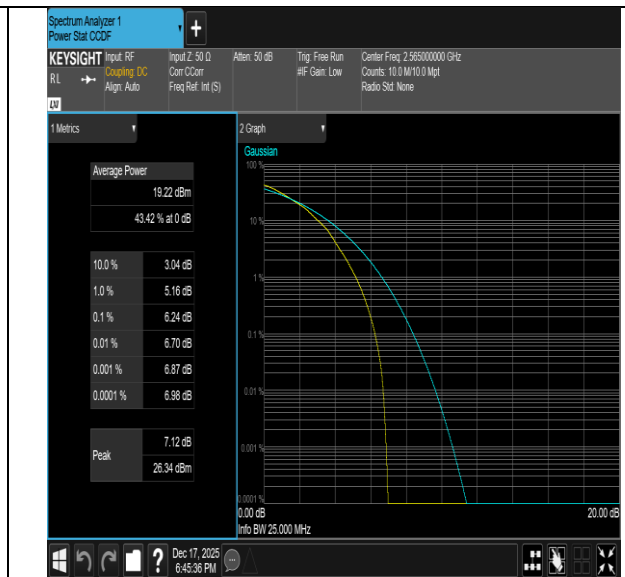




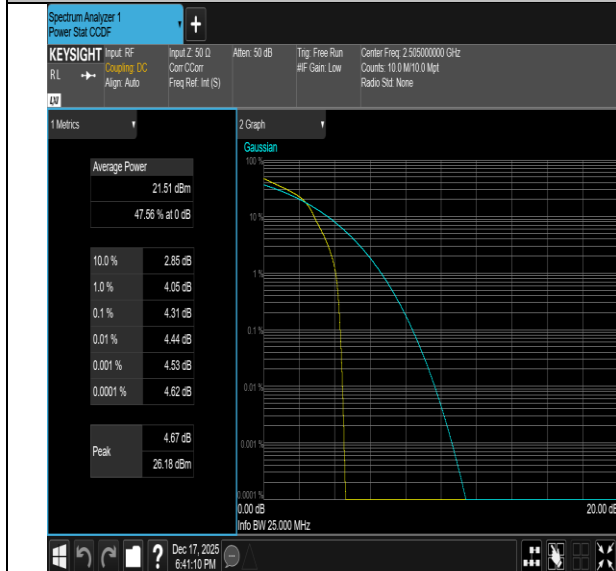




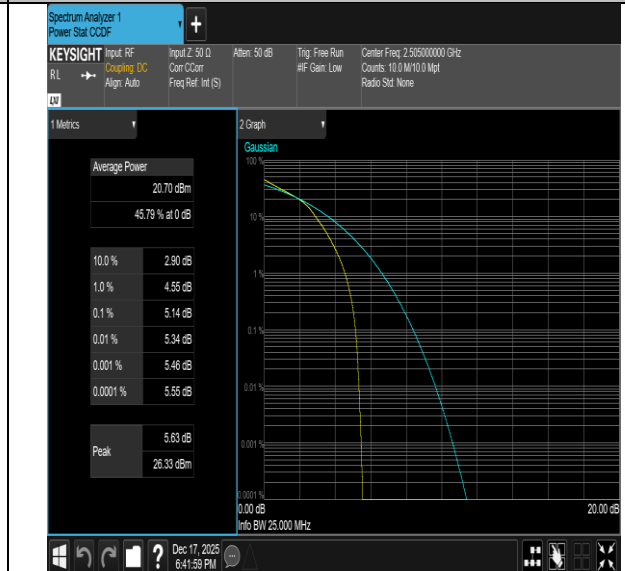
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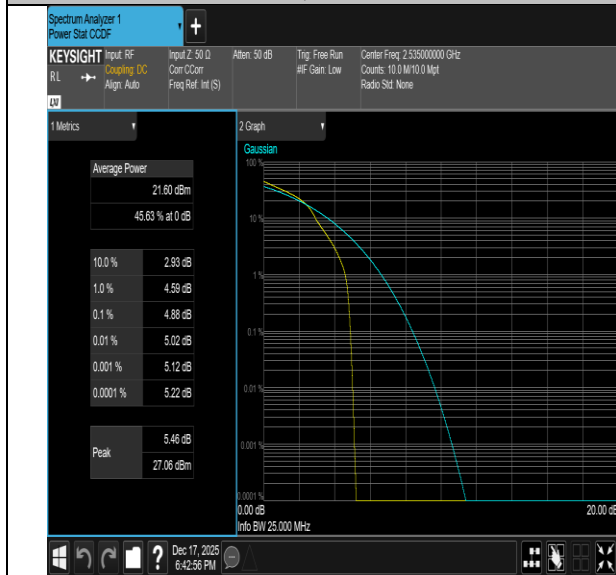
Band7-10MHz-16QAM-20800-50RB#0-PASS



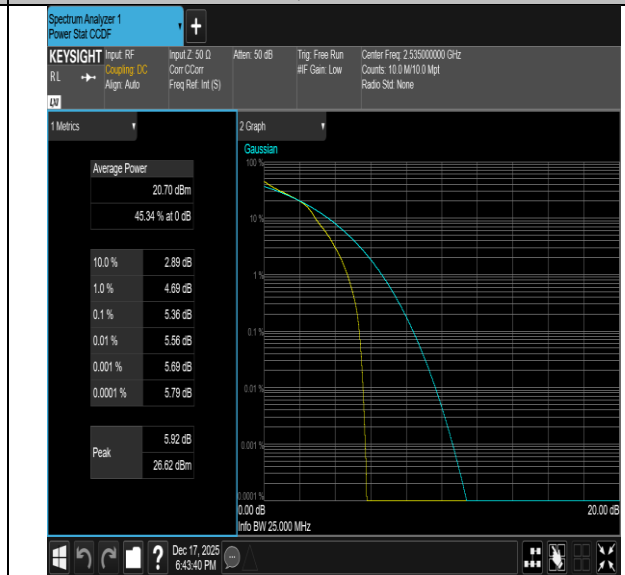
Band7-10MHz-16QAM-21100-1RB#0-PASS



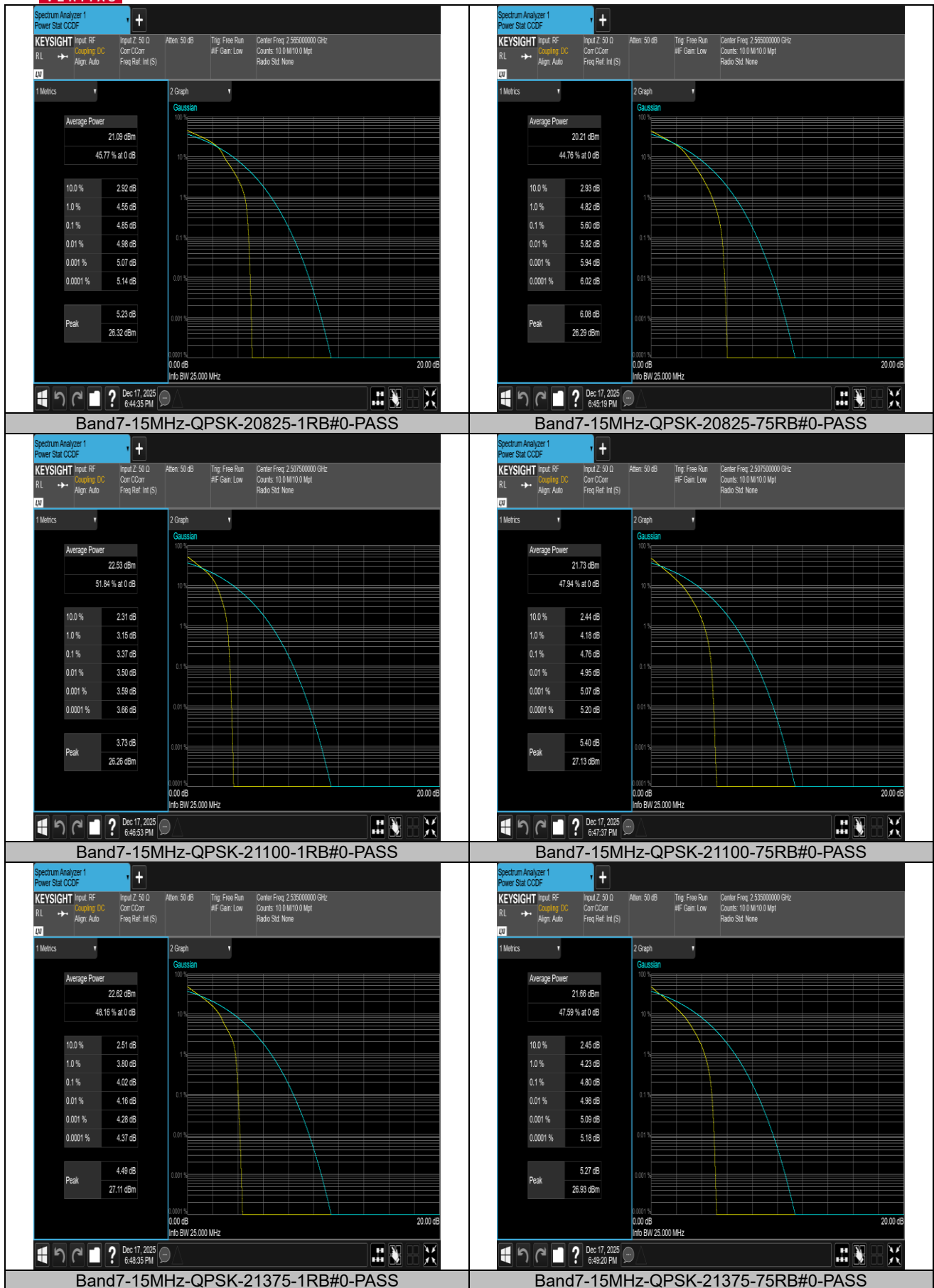
Band7-10MHz-16QAM-21100-50RB#0-PASS

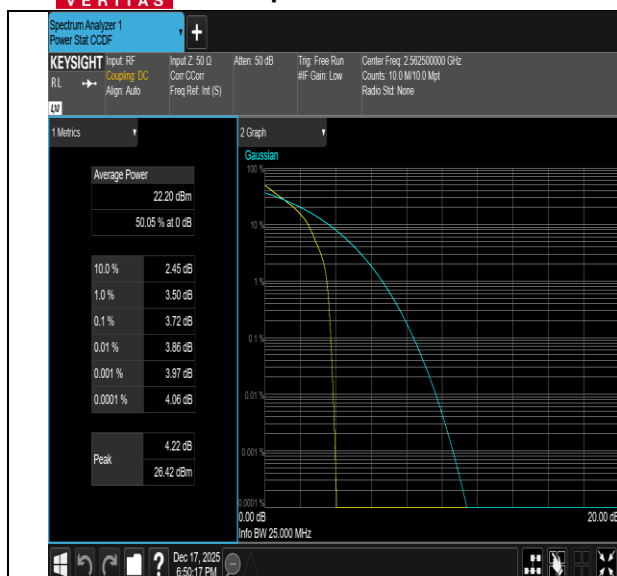


Band7-10MHz-16QAM-21400-1RB#0-PASS

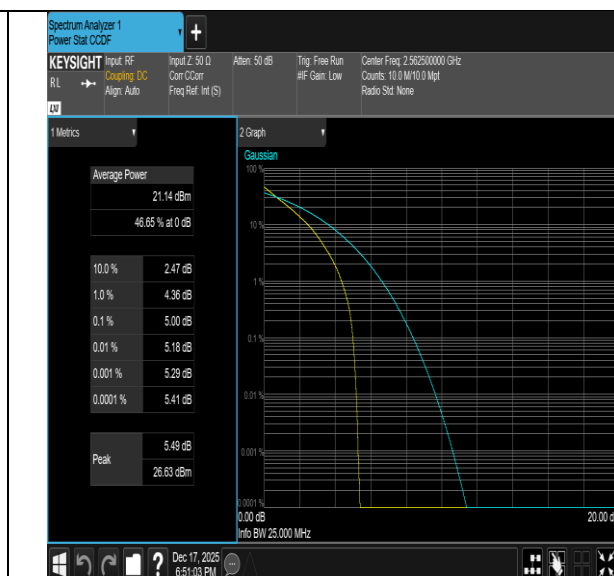


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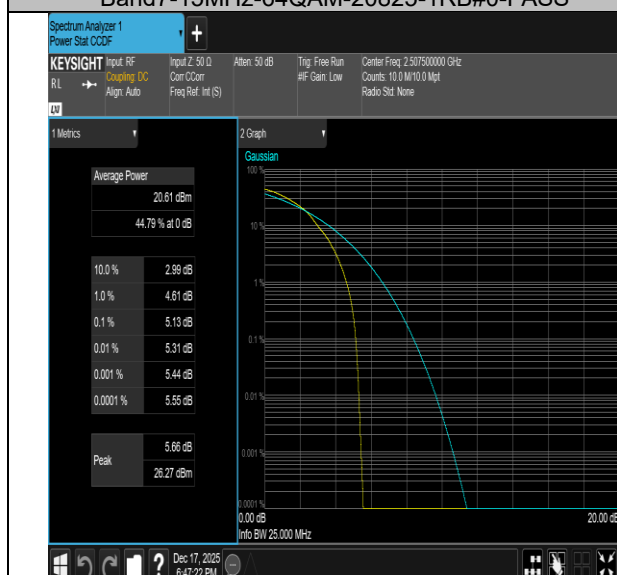




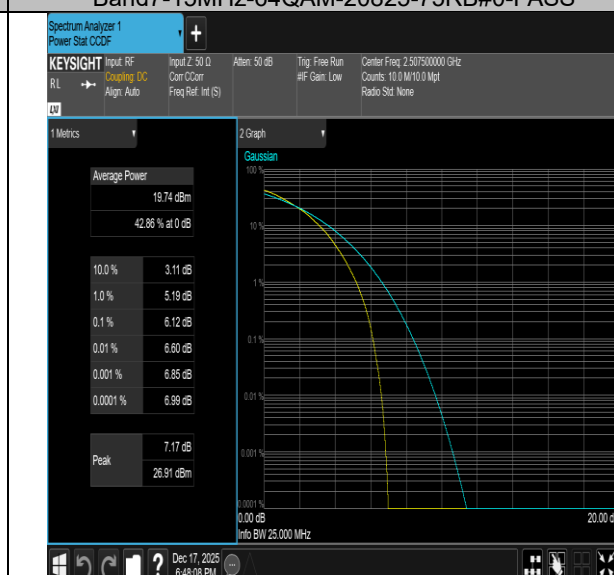
Band7-15MHz-64QAM-20825-1RB#0-PASS



Band7-15MHz-64QAM-20825-75RB#0-PASS



Band7-15MHz-64QAM-21100-1RB#0-PASS



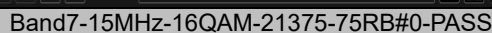
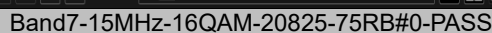
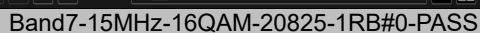
Band7-15MHz-64QAM-21100-75RB#0-PASS



Band7-15MHz-64QAM-21375-1RB#0-PASS



Band7-15MHz-64QAM-21375-75RB#0-PASS



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