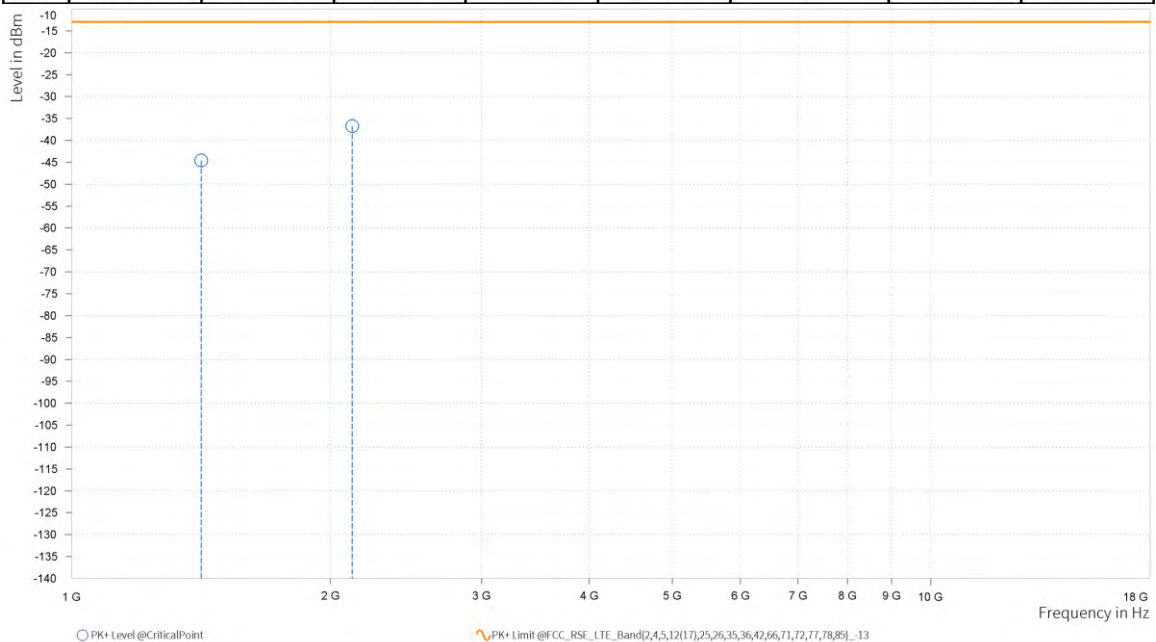




CHANNEL BANDWIDTH	1.4MHz / QPSK	MODE	TX channel 23095
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,414.500	-44.60	-13.00	31.60	12.59	V	171.9	1.00
2	2,121.000	-36.70	-13.00	23.70	18.69	V	226.4	1.00

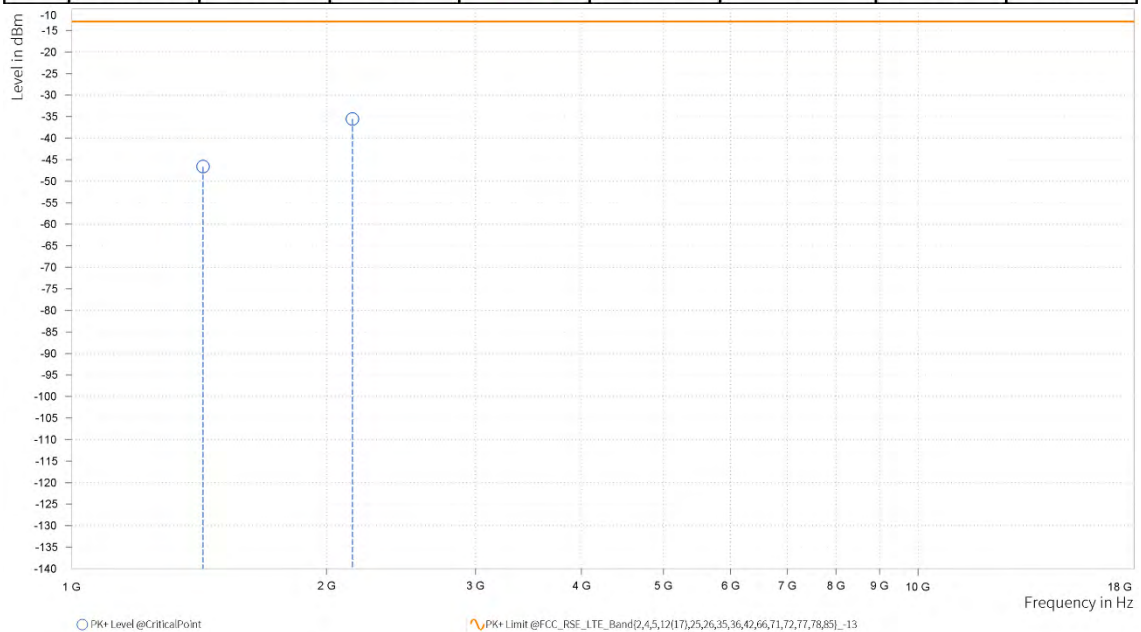




CHANNEL BANDWIDTH	1.4MHz / QPSK	MODE	TX channel 23173
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,429.500	-46.62	-13.00	33.62	12.95	H	0.9	2.00
2	2,145.000	-35.55	-13.00	22.55	18.82	H	341	1.00

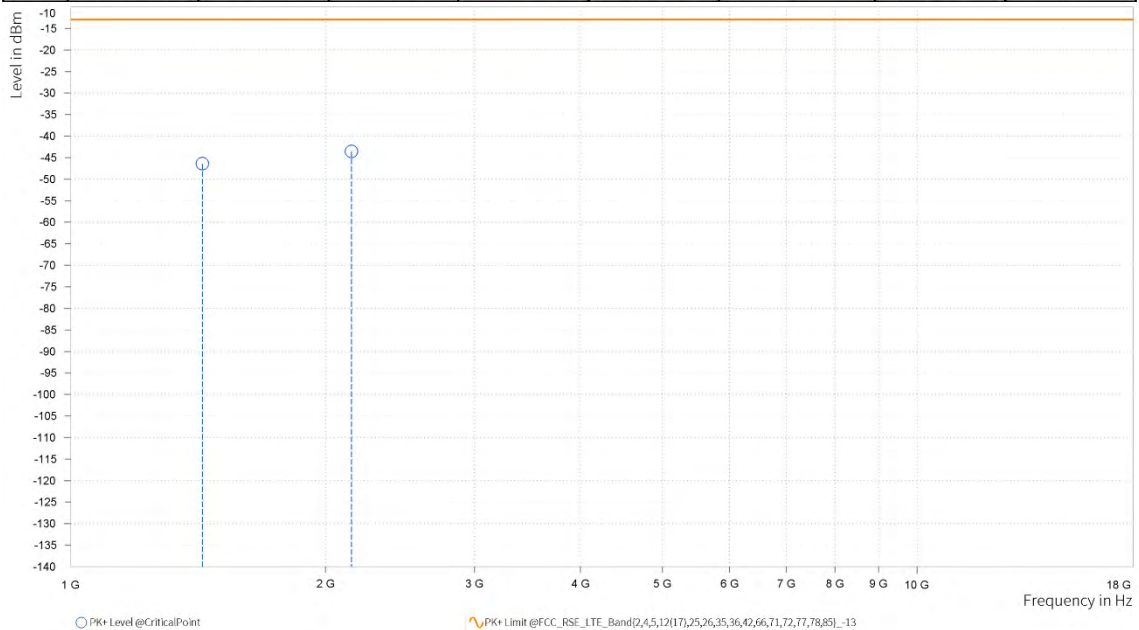




CHANNEL BANDWIDTH	1.4MHz / QPSK	MODE	TX channel 23173
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,430.000	-46.42	-13.00	33.42	12.42	V	186	2.00
2	2,145.000	-43.54	-13.00	30.54	18.38	V	198.1	1.00

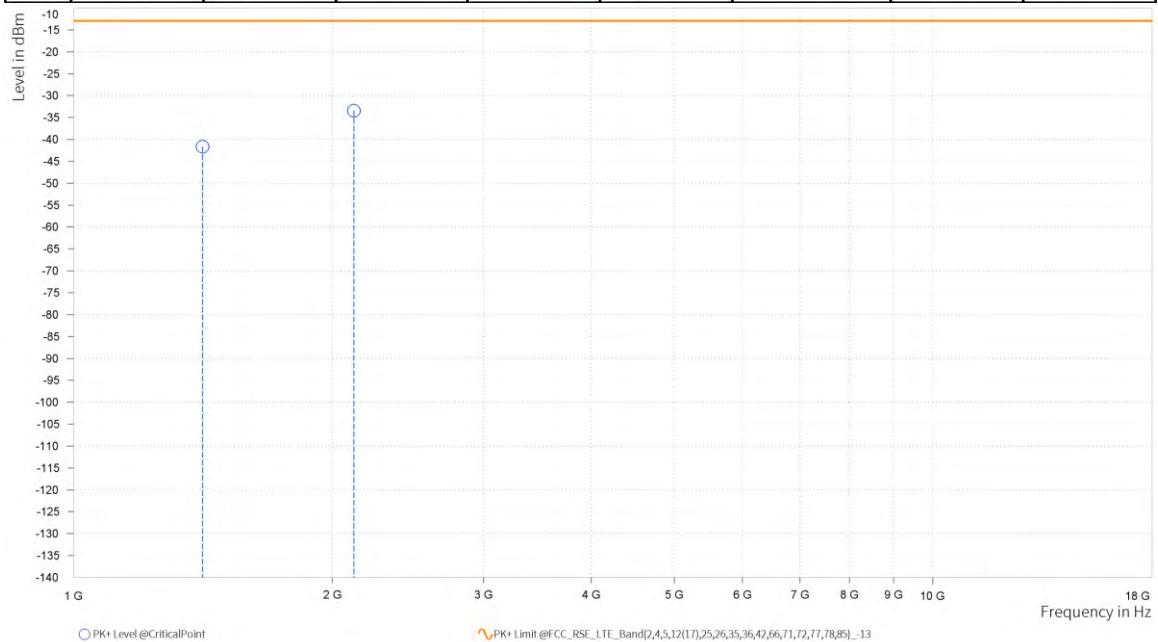




CHANNEL BANDWIDTH	3MHz / QPSK	MODE	TX channel 23095
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,412.000	-41.64	-13.00	28.64	12.96	H	227	1.00
2	2,118.500	-33.43	-13.00	20.43	18.15	H	337.5	1.00

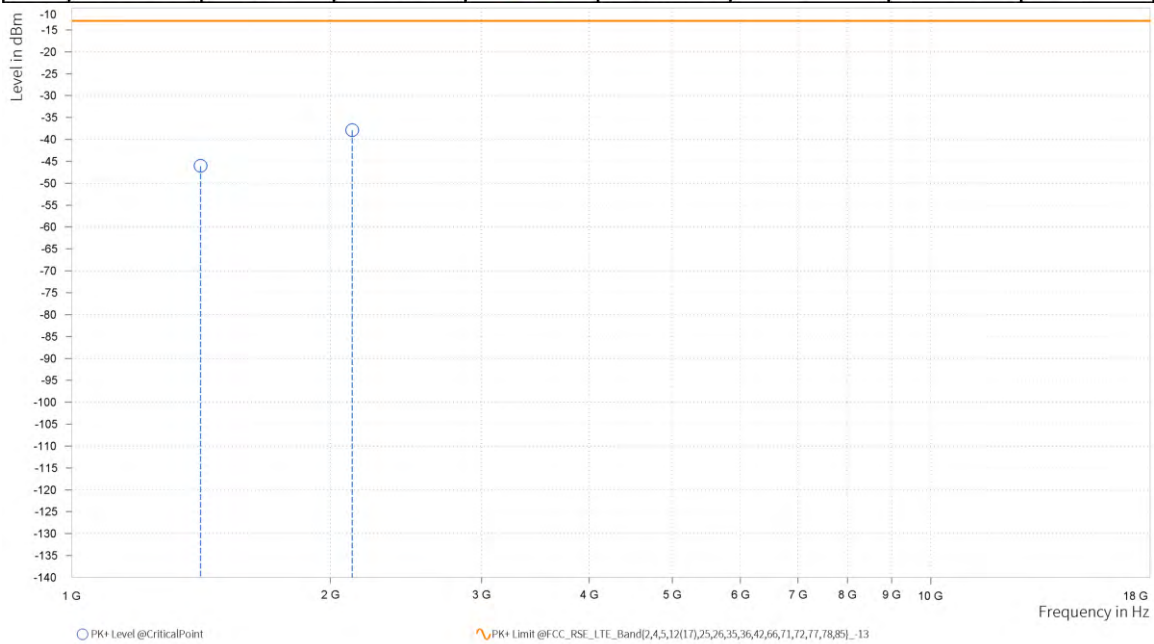




CHANNEL BANDWIDTH	3MHz / QPSK	MODE	TX channel 23095
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,412.500	-46.05	-13.00	33.05	12.65	V	33.9	1.00
2	2,119.500	-37.91	-13.00	24.91	18.74	V	322.6	2.00

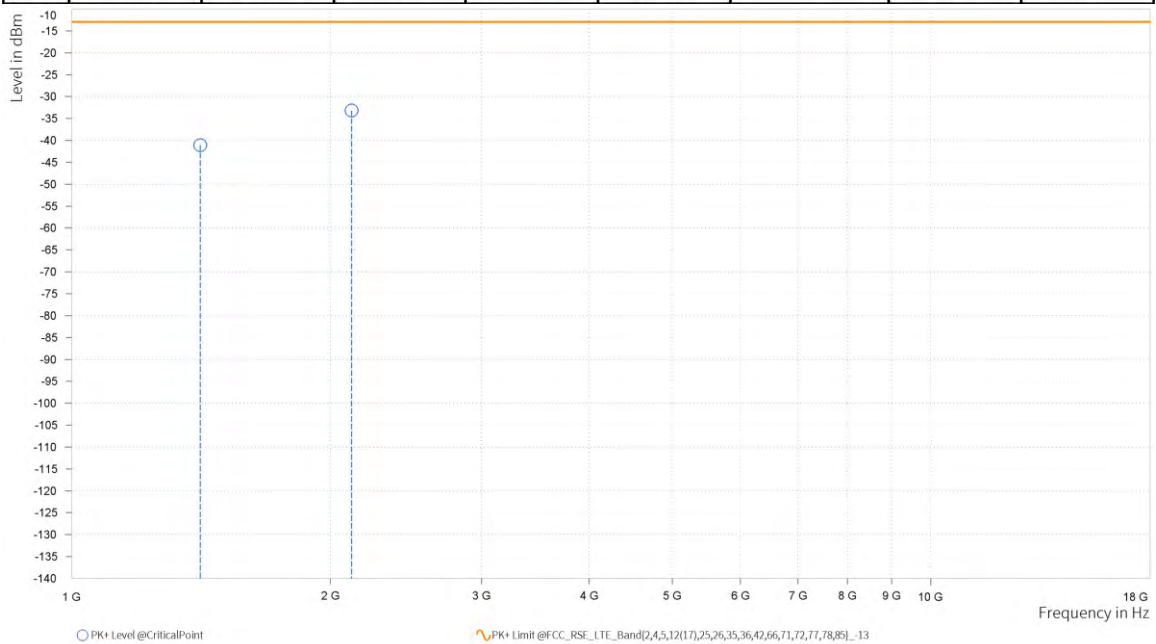




CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 23095
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,410.500	-41.06	-13.00	28.06	12.90	H	77	2.00
2	2,116.000	-33.20	-13.00	20.20	18.18	H	340.2	1.00

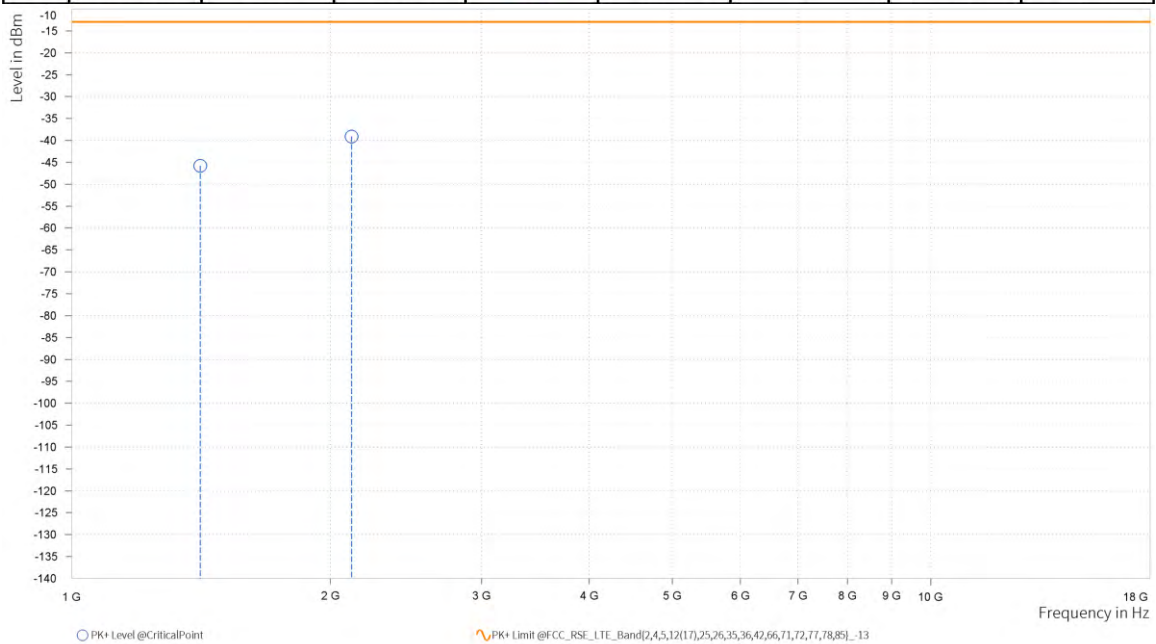




CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 23095
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,410.500	-45.80	-13.00	32.80	12.72	V	326.1	2.00
2	2,116.000	-39.12	-13.00	26.12	18.82	V	326.1	2.00

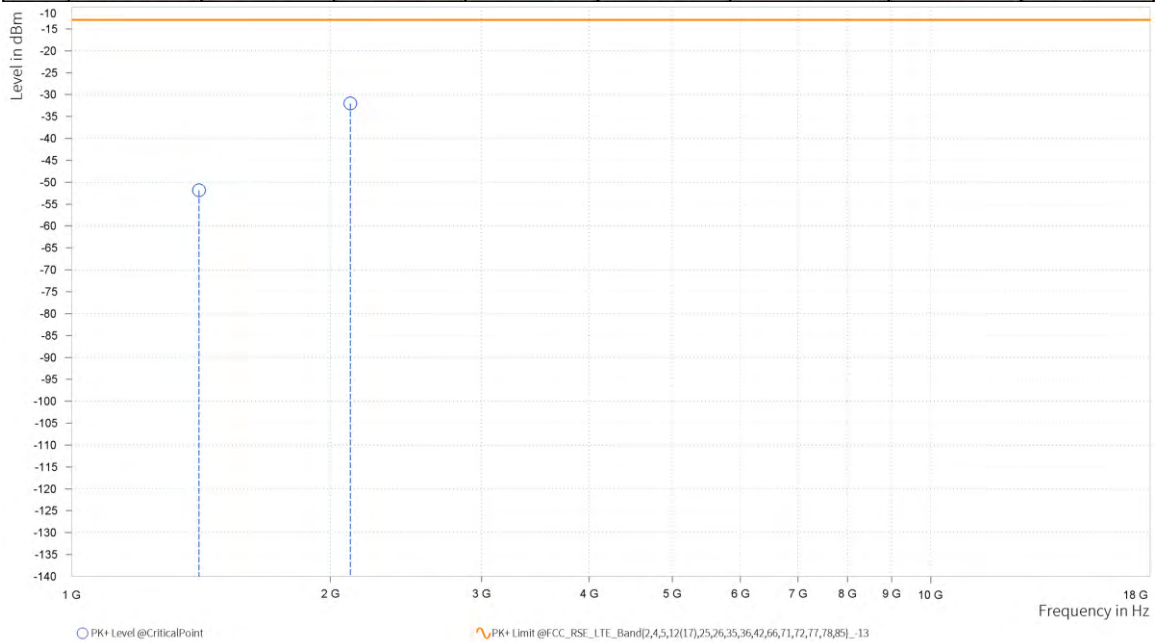




CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 23095
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,406.500	-51.85	-13.00	38.85	12.73	H	174	1.00
2	2,109.500	-32.04	-13.00	19.04	18.25	H	359	2.00

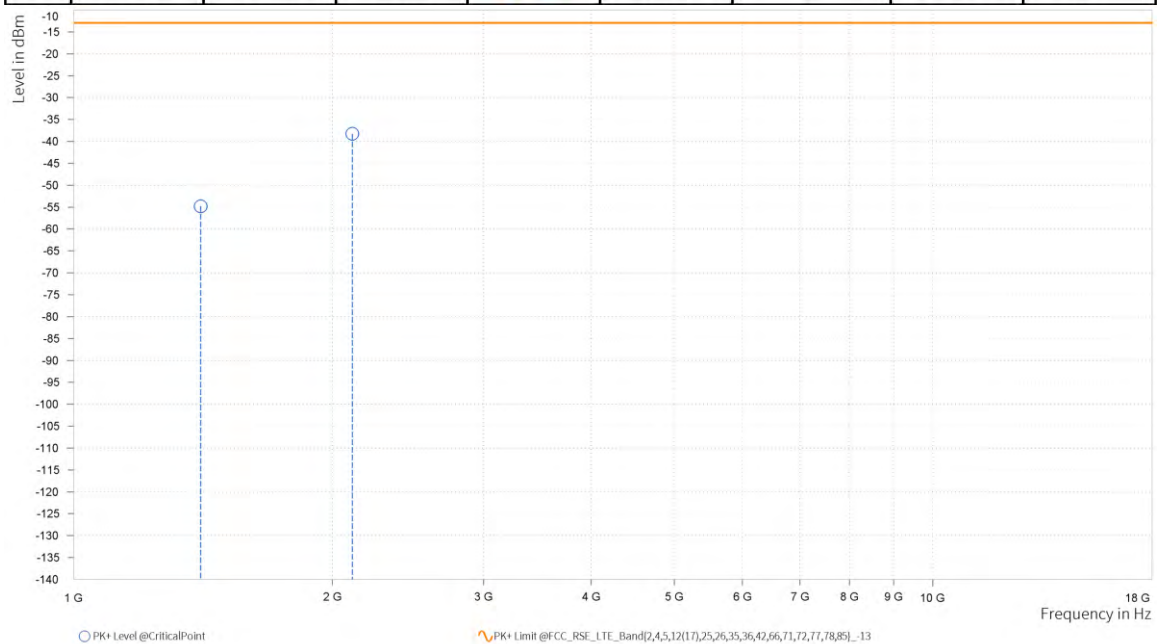


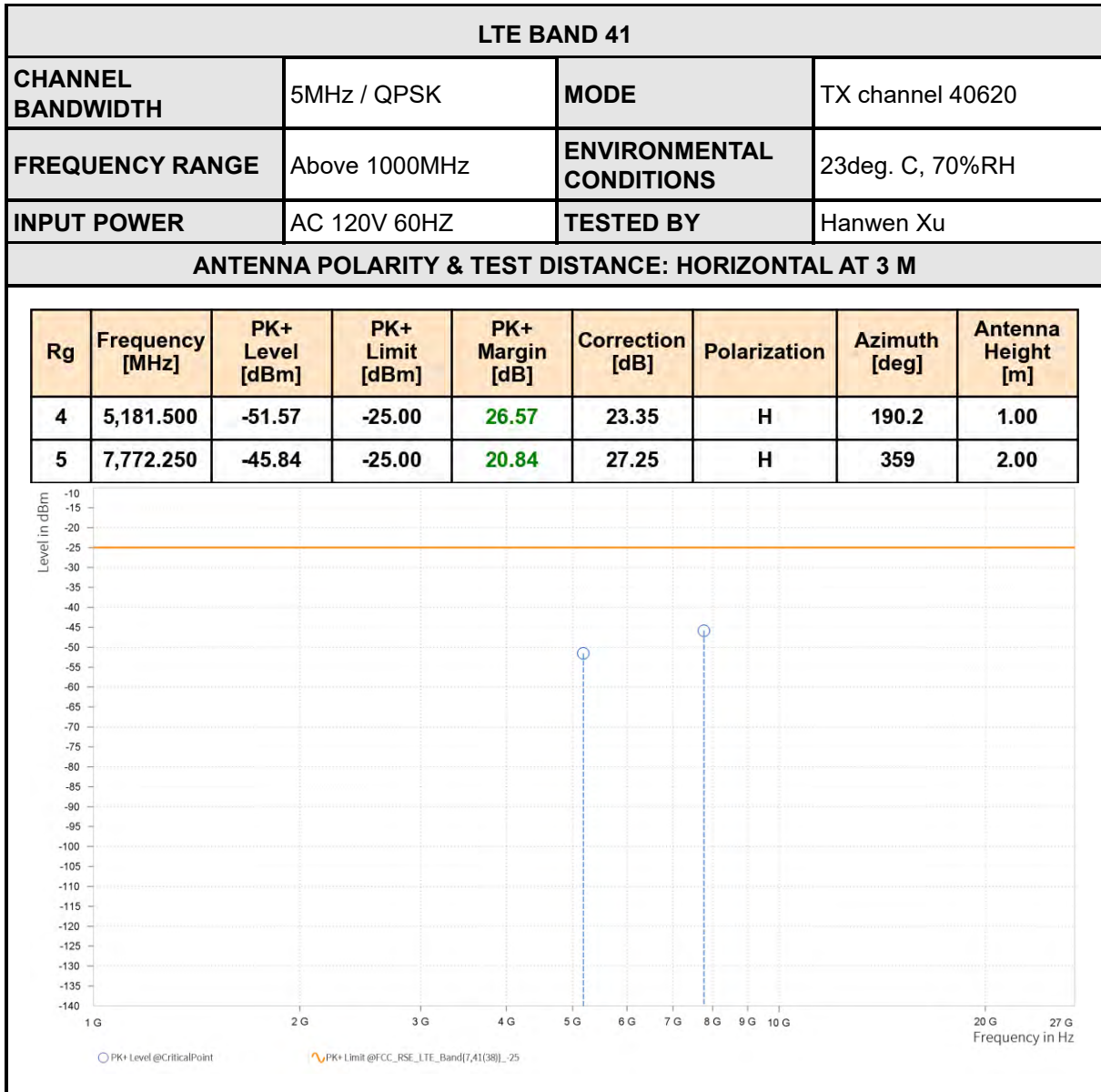


CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 23095
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	120Vac 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	1,405.500	-54.79	-13.00	41.79	12.85	V	56.6	2.00
2	2,110.000	-38.29	-13.00	25.29	18.95	V	235.5	1.00



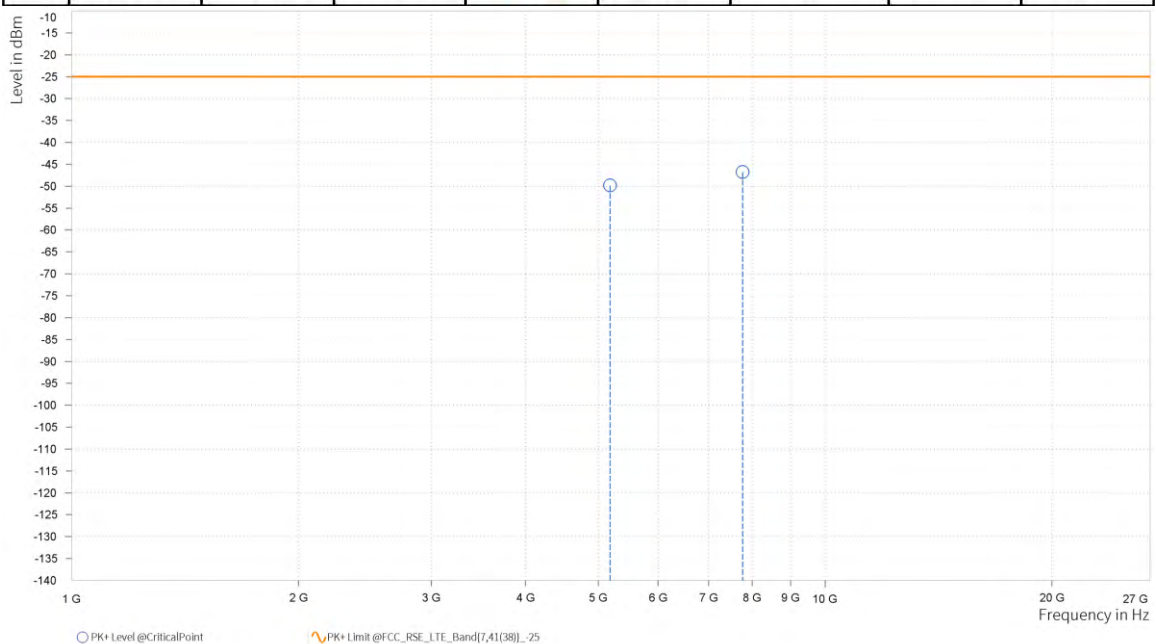




CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 40620
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,181.500	-49.82	-25.00	24.82	23.81	V	169.7	2.00
5	7,772.250	-46.75	-25.00	21.75	27.03	V	254	1.00

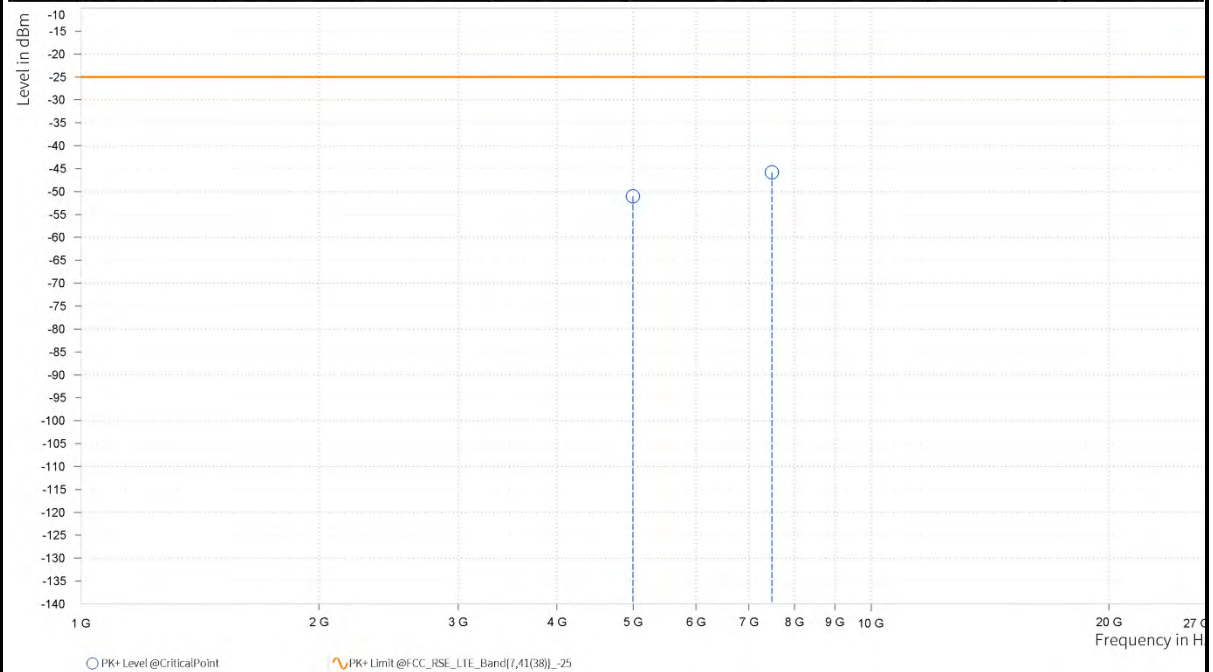


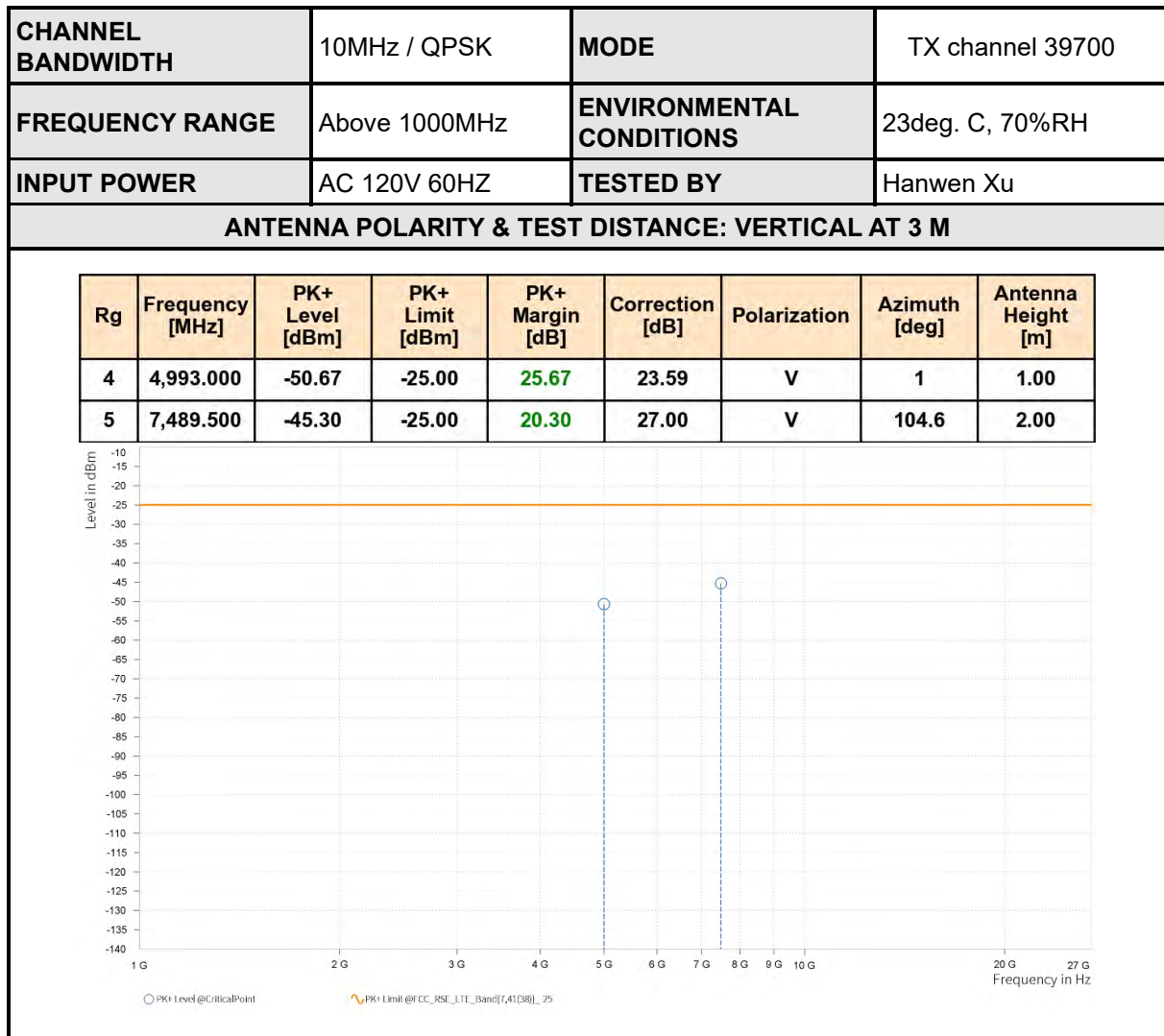


CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 39700
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	4,993.000	-51.05	-25.00	26.05	23.35	H	167.5	2.00
5	7,489.500	-45.83	-25.00	20.83	27.02	H	1	1.00



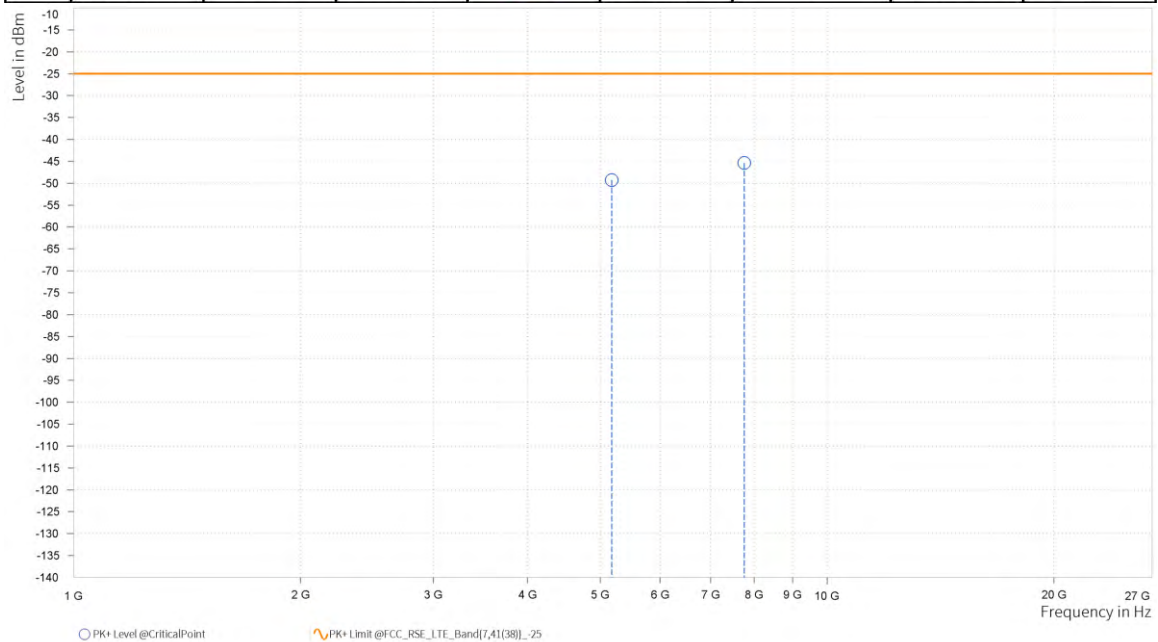




CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 40620
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,177.000	-49.27	-25.00	24.27	23.32	H	194.5	1.00
5	7,765.500	-45.37	-25.00	20.37	27.26	H	105.3	2.00

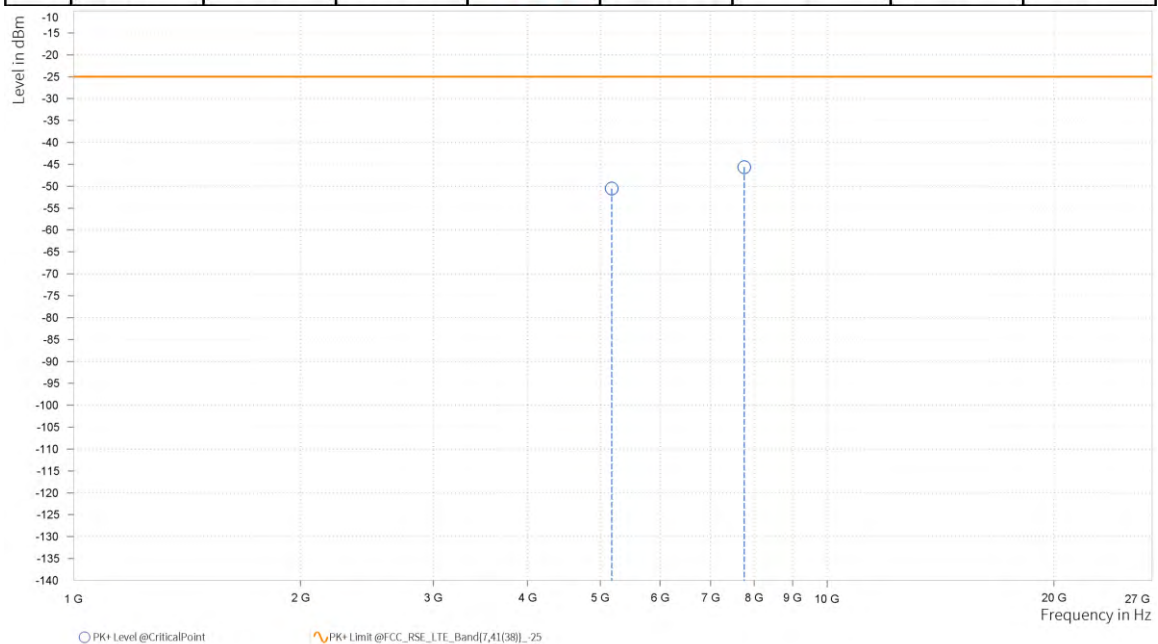




CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 40620
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,177.000	-50.55	-25.00	25.55	23.75	V	266.6	2.00
5	7,765.500	-45.64	-25.00	20.64	27.02	V	1	1.00

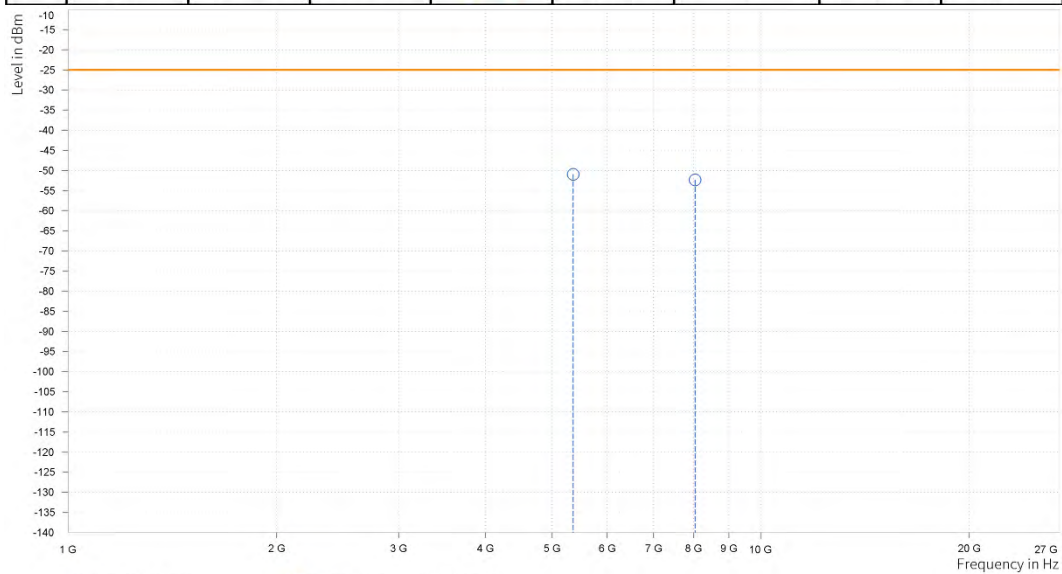


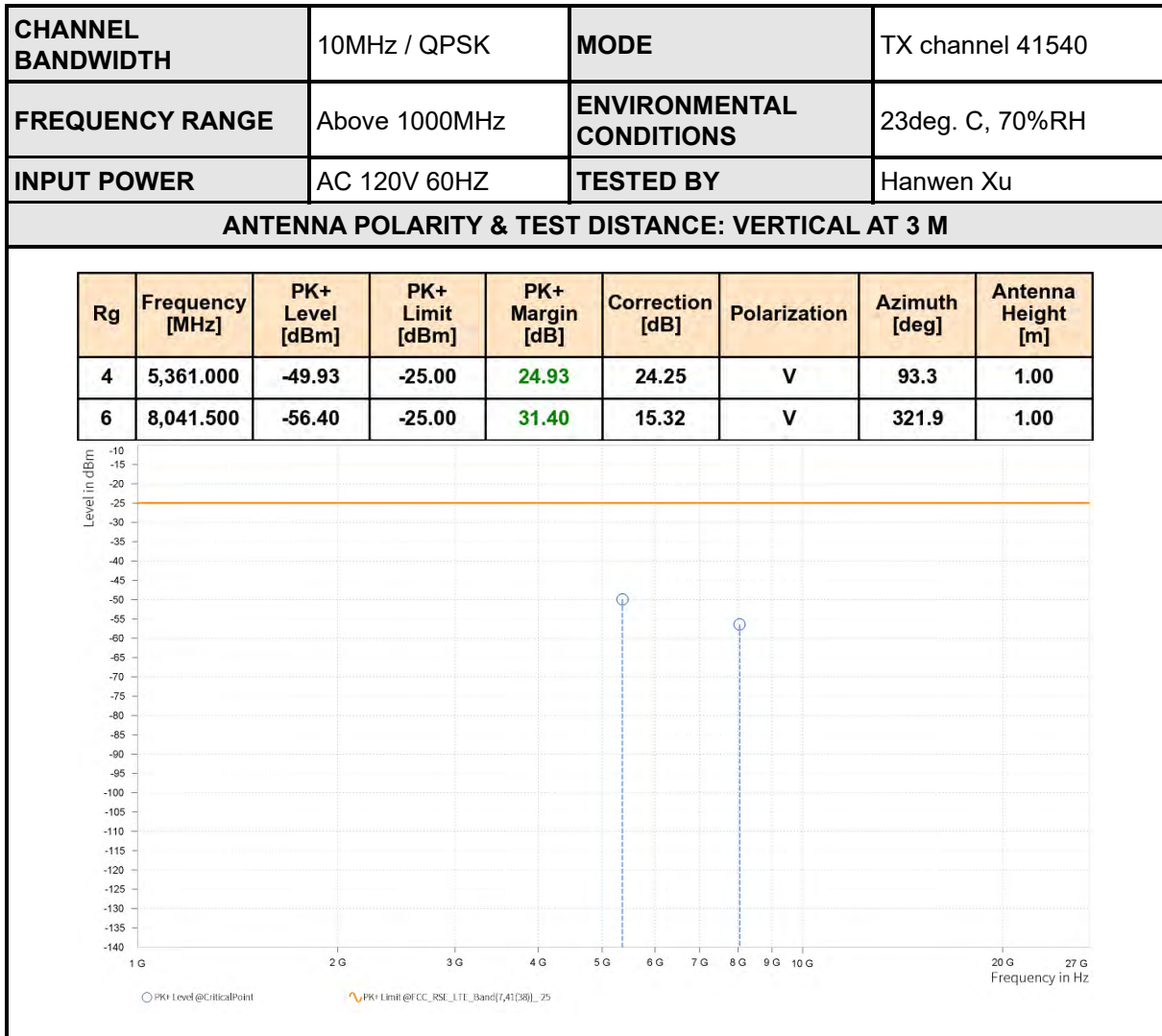


CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 41540
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,361.000	-50.95	-25.00	25.95	23.80	H	266	2.00
6	8,041.500	-52.34	-25.00	27.34	15.47	H	358.9	1.00



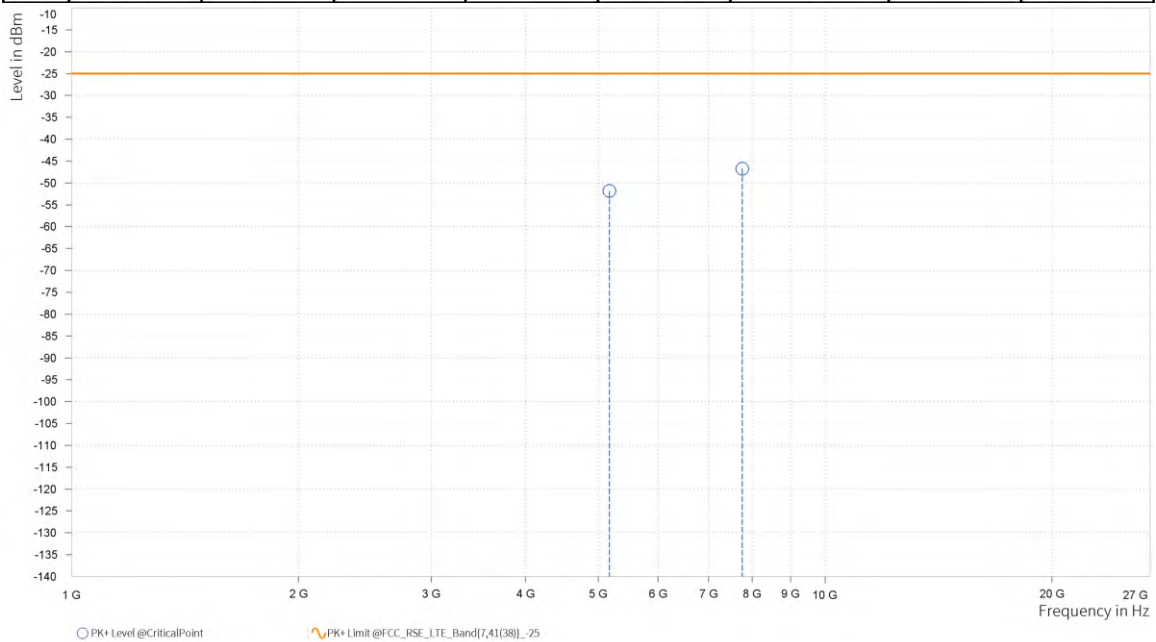




CHANNEL BANDWIDTH	15MHz / QPSK	MODE	TX channel 40620
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,172.500	-51.84	-25.00	26.84	23.30	H	251.1	1.00
5	7,758.750	-46.73	-25.00	21.73	27.26	H	1	1.00

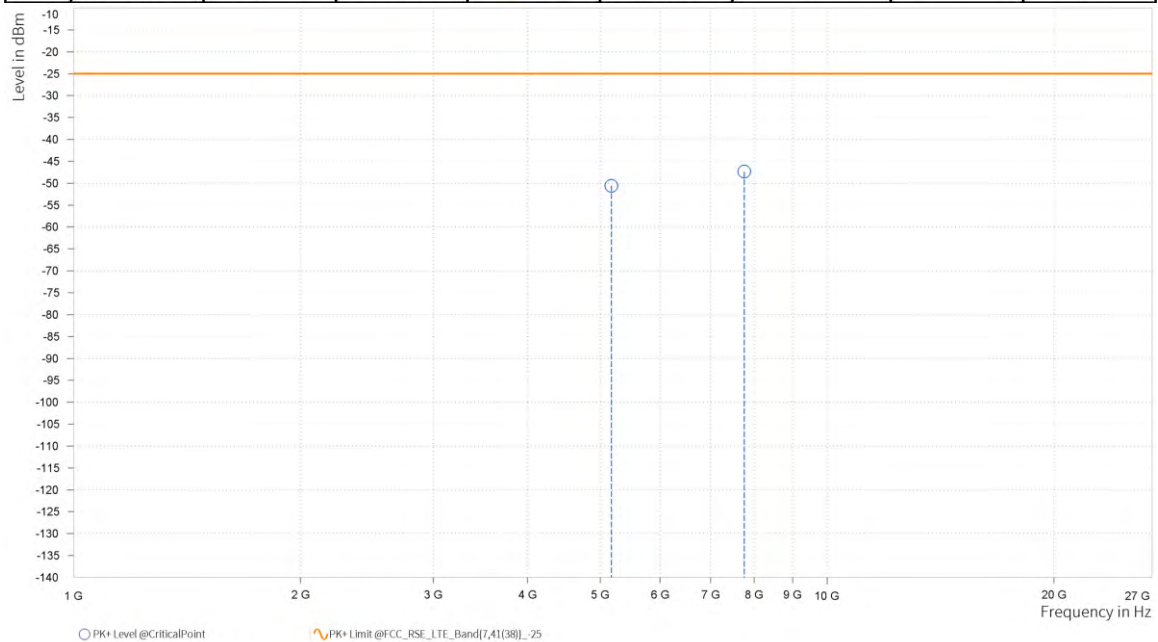




CHANNEL BANDWIDTH	15MHz / QPSK	MODE	TX channel 40620
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,172.500	-50.58	-25.00	25.58	23.69	V	359.1	1.00
5	7,758.750	-47.36	-25.00	22.36	27.01	V	357.8	1.00

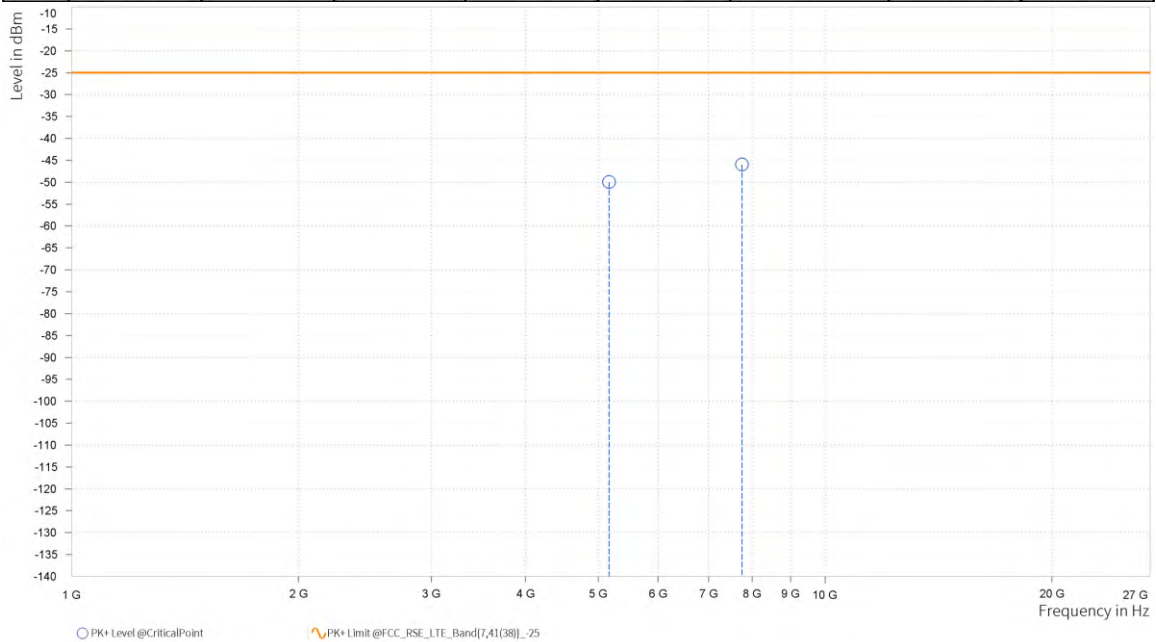




CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 40620
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,168.000	-49.96	-25.00	24.96	23.28	H	359.1	1.00
5	7,752.000	-45.98	-25.00	20.98	27.27	H	358.5	1.00

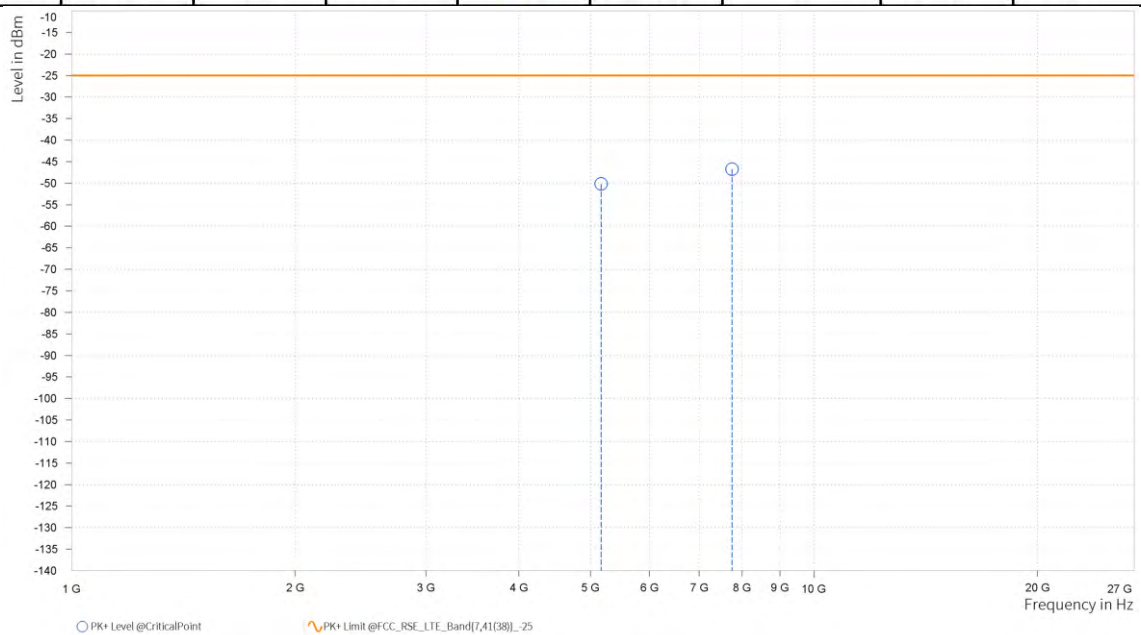


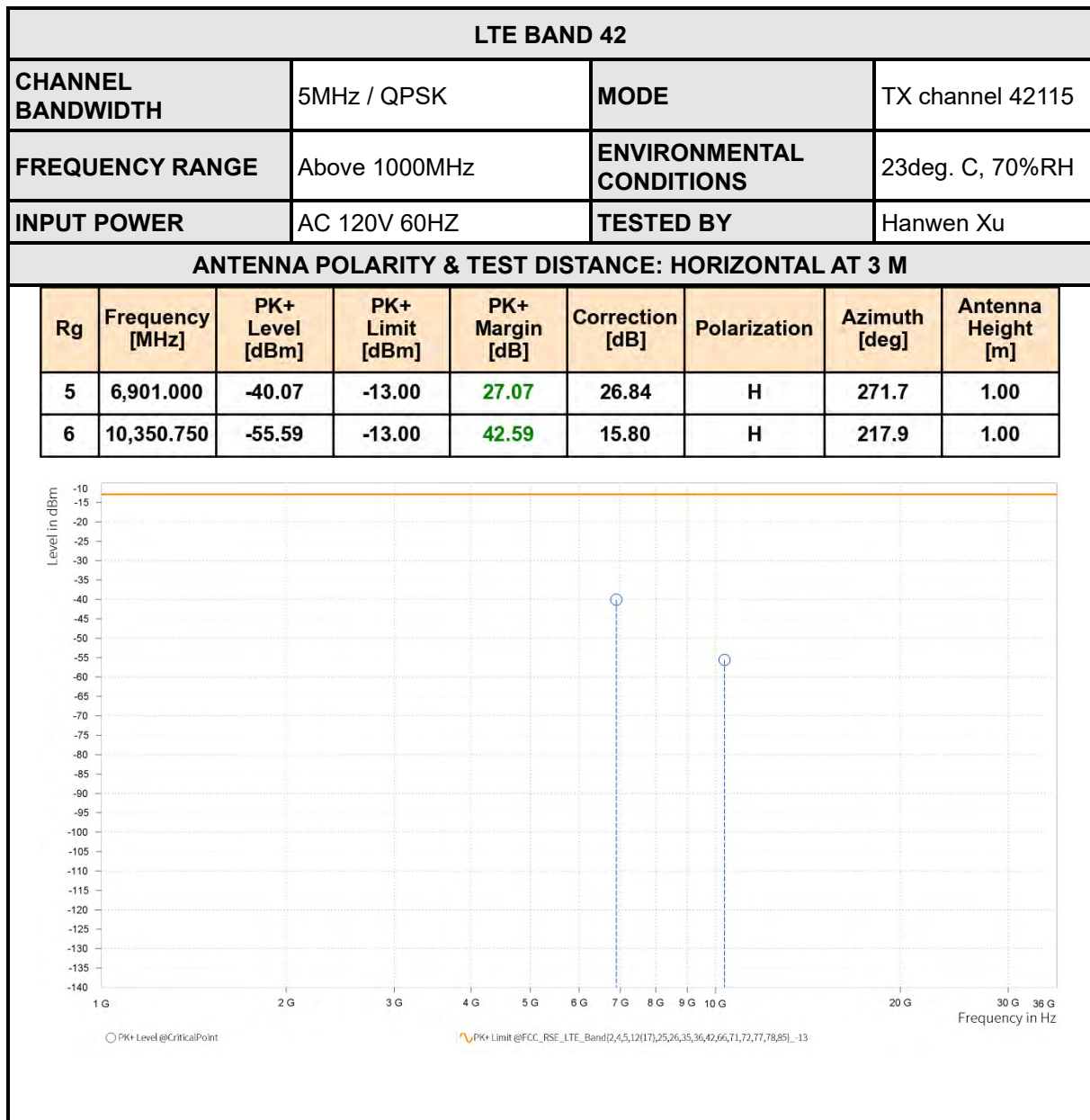


CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 40620
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
4	5,168.000	-50.19	-25.00	25.19	23.63	V	1.9	2.00
5	7,752.000	-46.78	-25.00	21.78	27.01	V	311.2	1.00



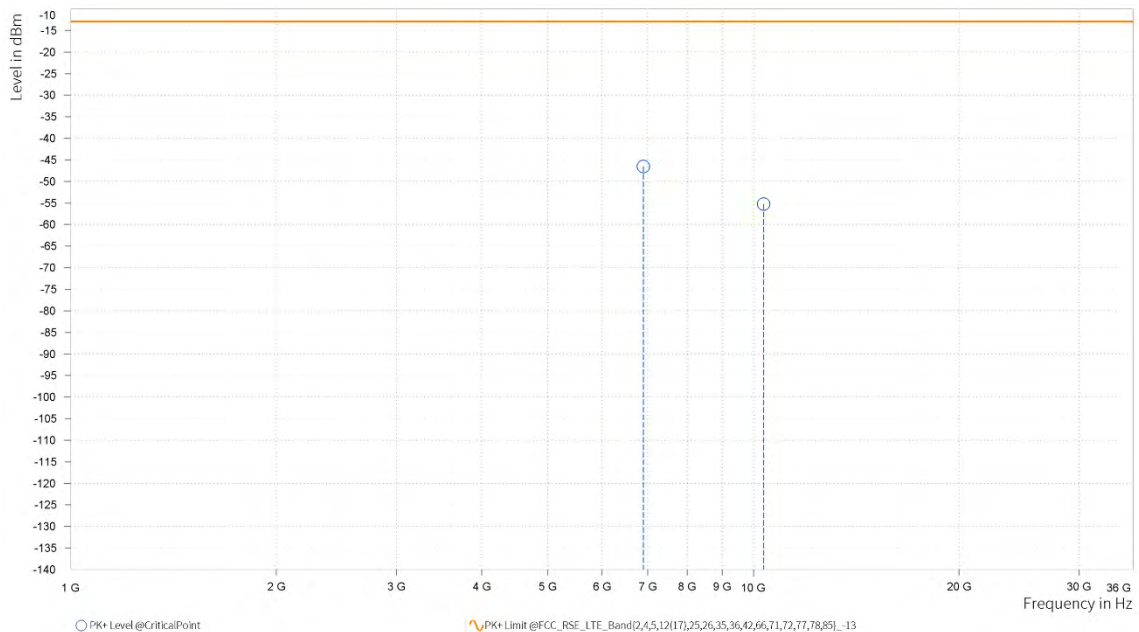




CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 42115
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,900.500	-46.50	-13.00	33.50	26.80	V	130.1	1.00
6	10,350.750	-55.27	-13.00	42.27	15.51	V	321.1	1.00

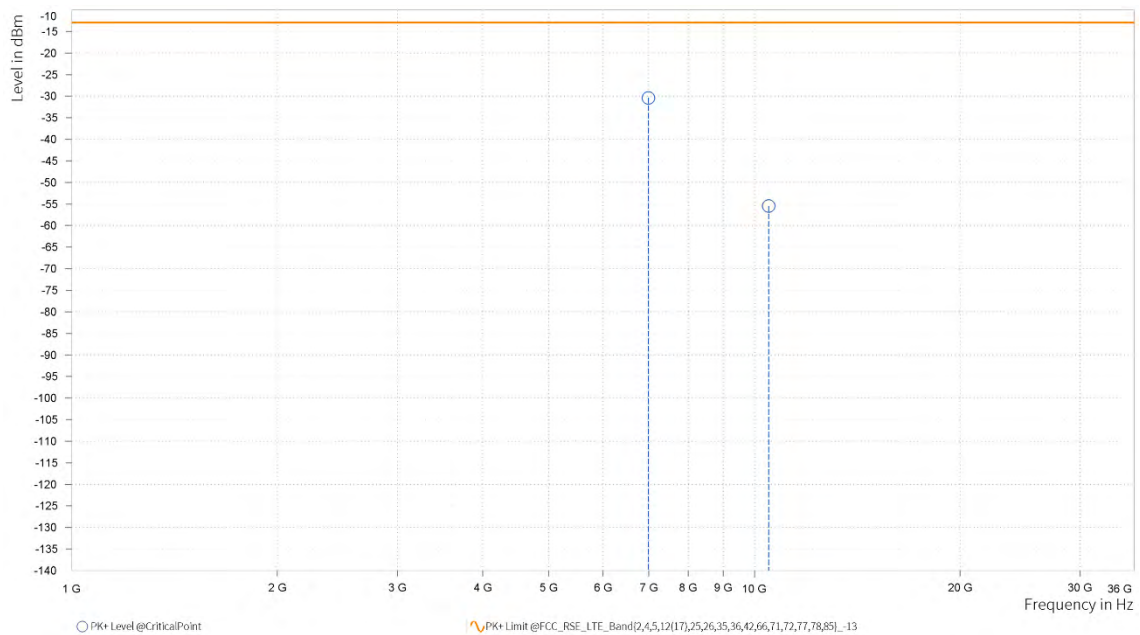




CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 42590
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,995.500	-30.39	-13.00	17.39	26.95	H	209.4	1.00
6	10,493.250	-55.49	-13.00	42.49	16.52	H	359.1	1.00

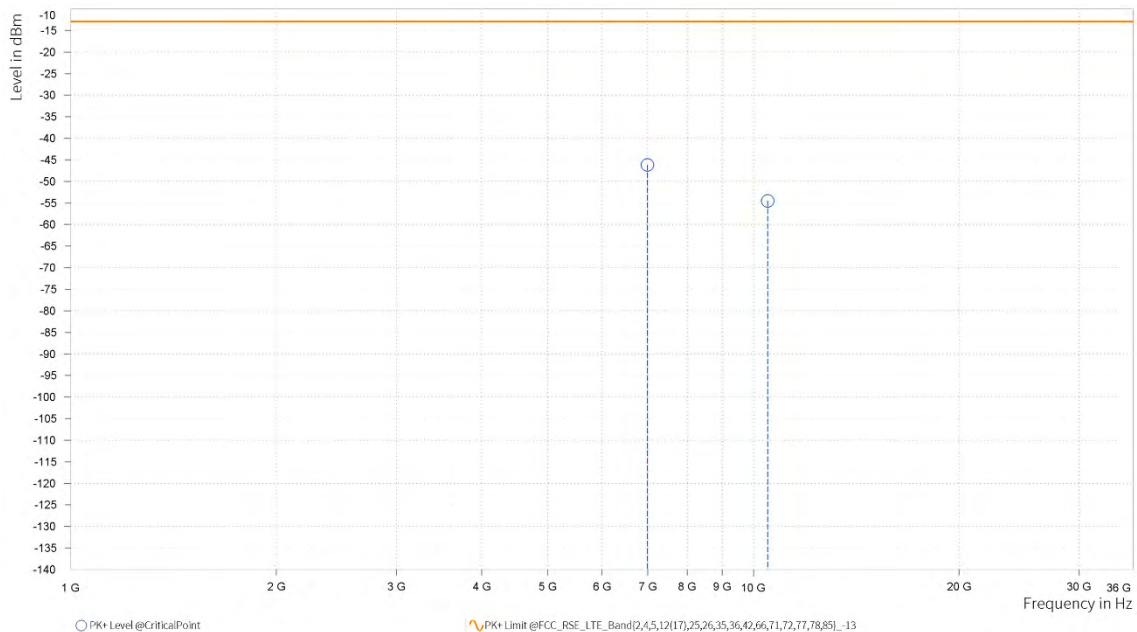




CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 42590
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,995.500	-46.16	-13.00	33.16	27.00	V	201.6	1.00
6	10,493.250	-54.50	-13.00	41.50	16.26	V	90.4	2.00

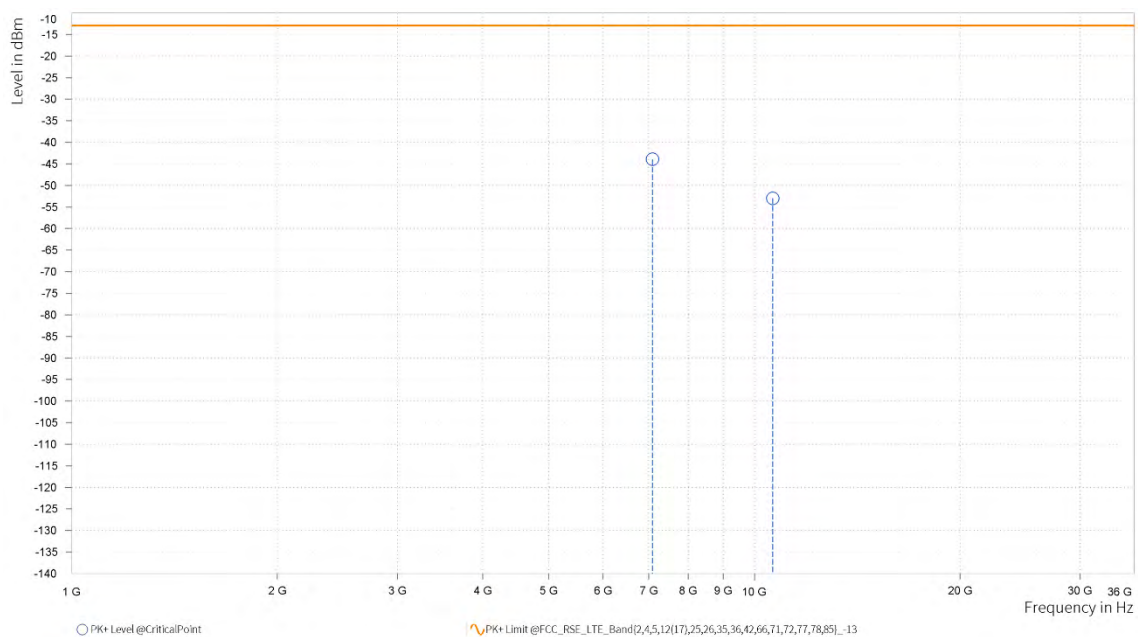




CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 43065
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,090.500	-43.92	-13.00	30.92	26.85	H	155.5	2.00
6	10,635.750	-52.96	-13.00	39.96	16.74	H	147	2.00

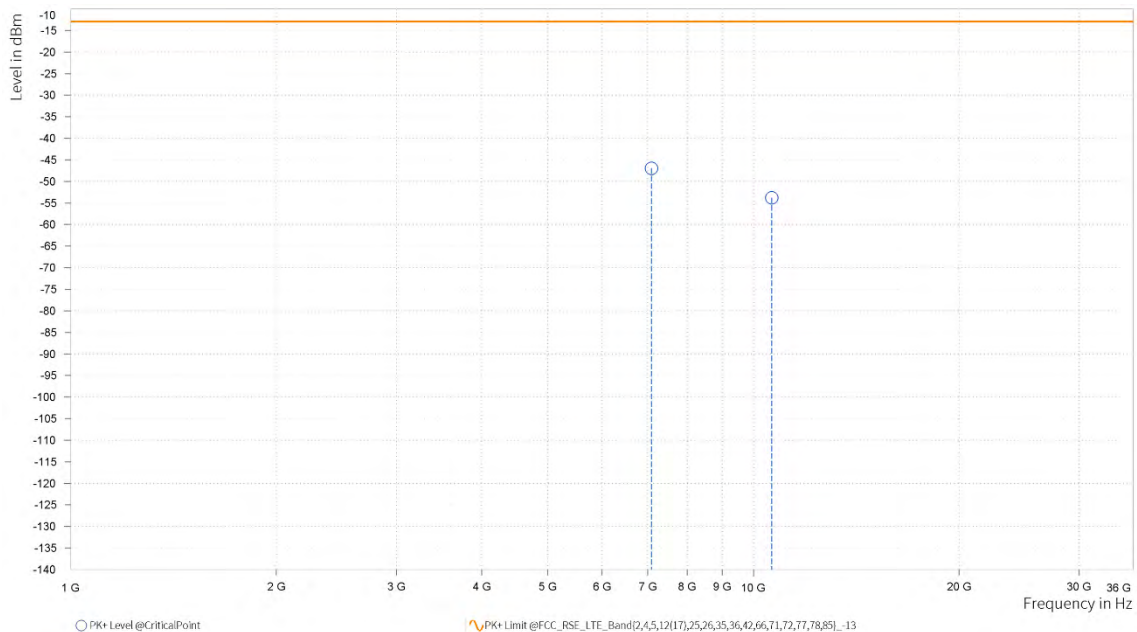




CHANNEL BANDWIDTH	5MHz / QPSK	MODE	TX channel 43065
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	7,090.500	-46.96	-13.00	33.96	26.60	V	266	1.00
6	10,635.750	-53.79	-13.00	40.79	16.41	V	274.5	1.00

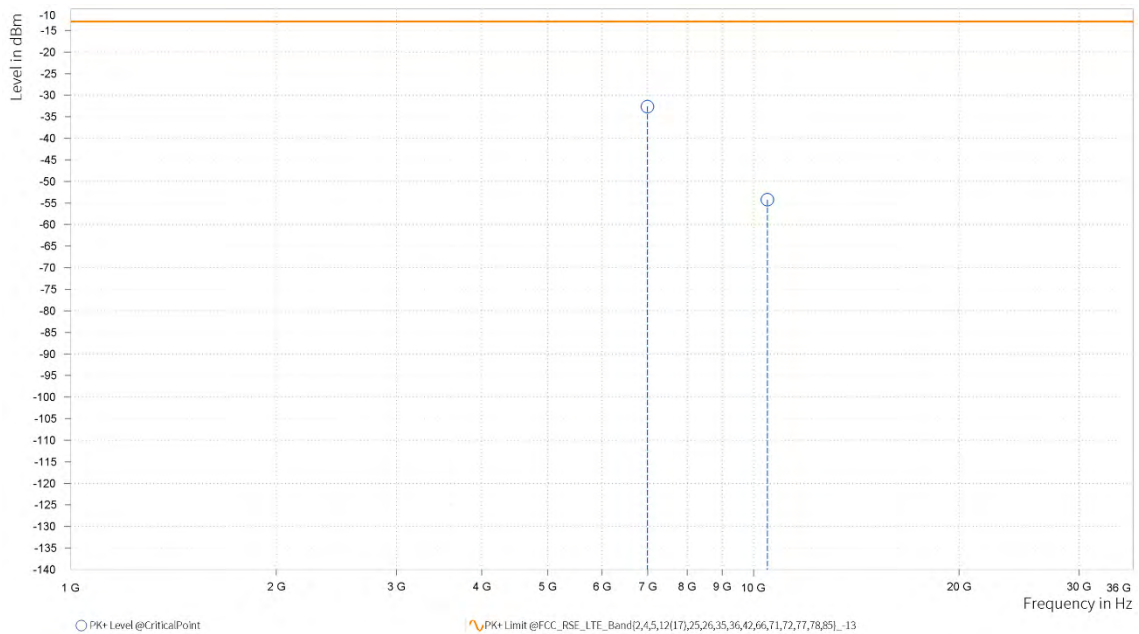




CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 42590
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,991.000	-32.64	-13.00	19.64	26.93	H	202.3	1.00
6	10,486.500	-54.26	-13.00	41.26	16.49	H	0.9	2.00

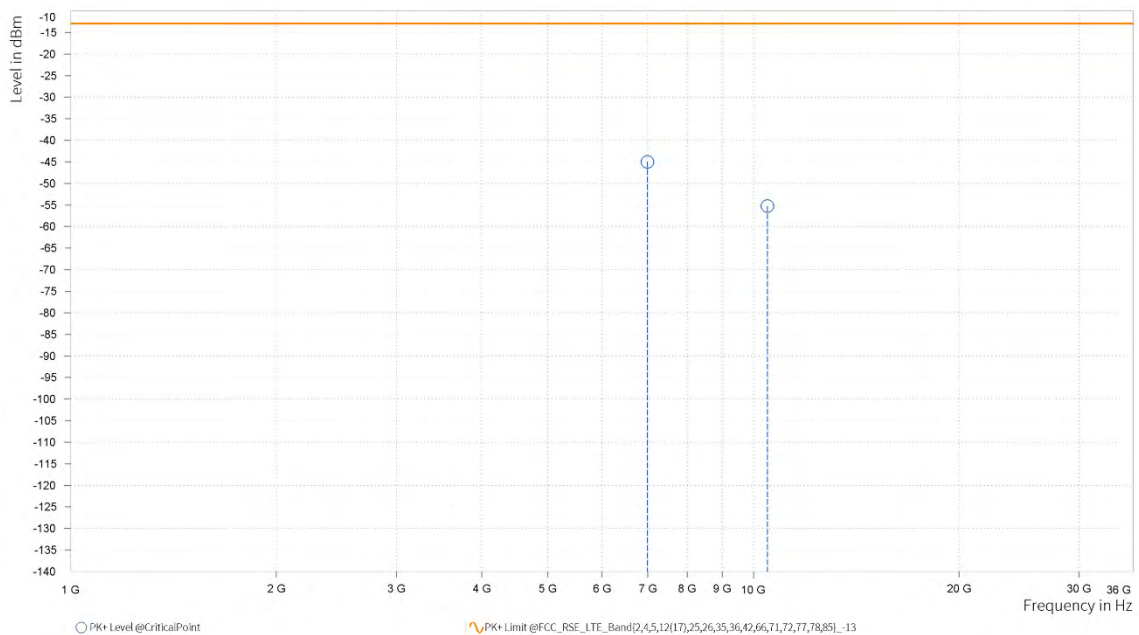




CHANNEL BANDWIDTH	10MHz / QPSK	MODE	TX channel 42590
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

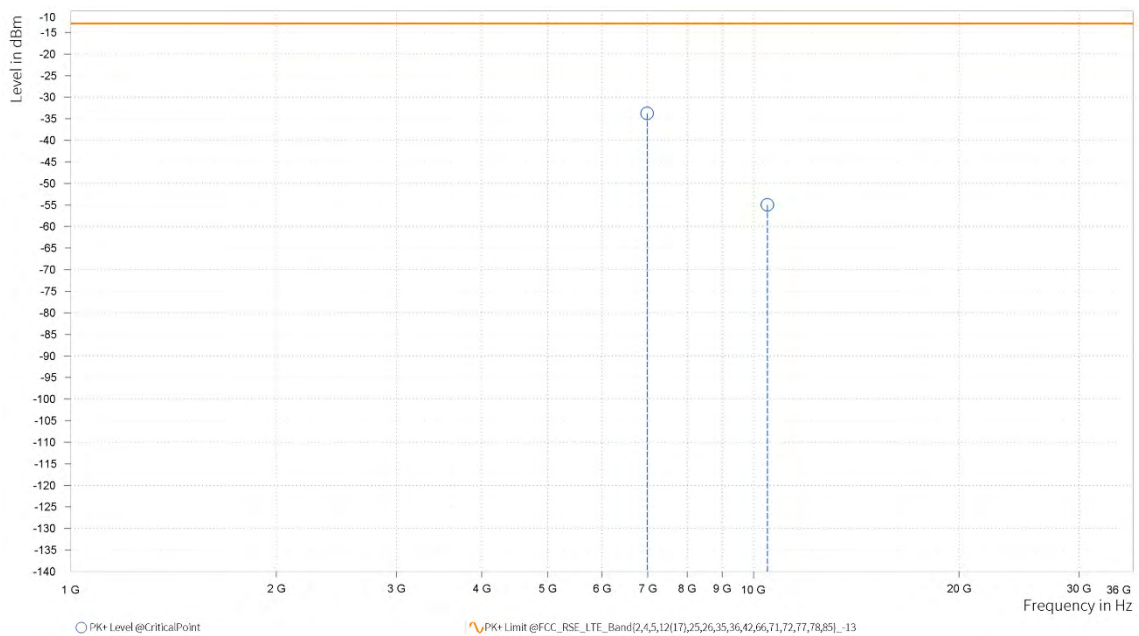
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,991.000	-45.00	-13.00	32.00	26.97	V	201.6	1.00
6	10,486.500	-55.24	-13.00	42.24	16.24	V	149.8	2.00





CHANNEL BANDWIDTH	15MHz / QPSK	MODE	TX channel 42590
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,986.500	-33.78	-13.00	20.78	26.90	H	202.4	1.00
6	10,479.750	-54.97	-13.00	41.97	16.46	H	359	1.00

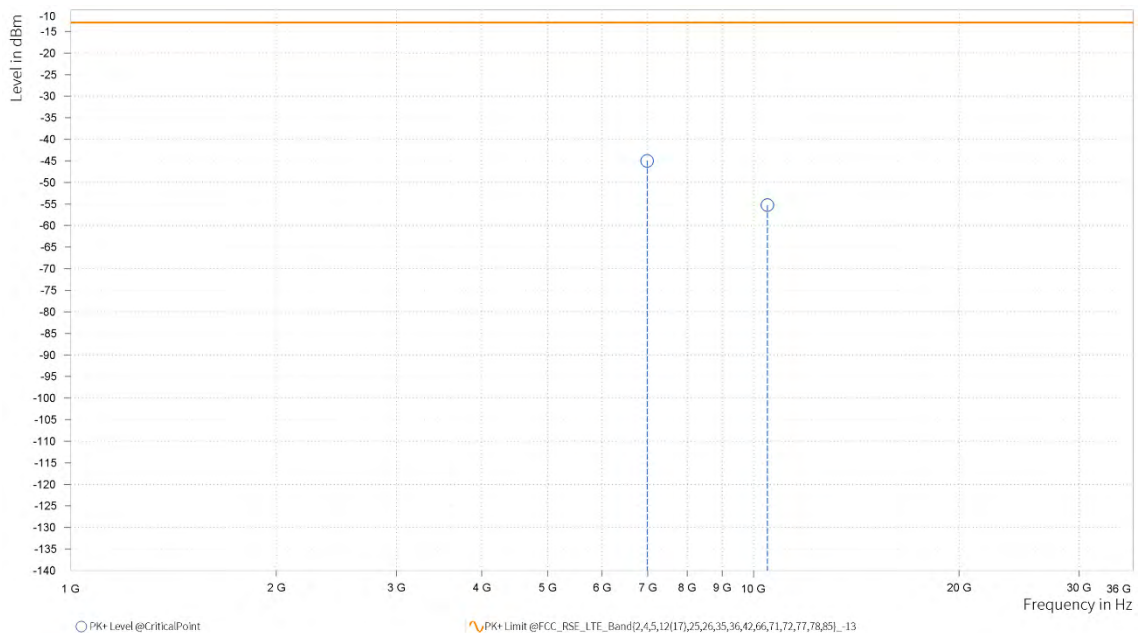




CHANNEL BANDWIDTH	15MHz / QPSK	MODE	TX channel 42590
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

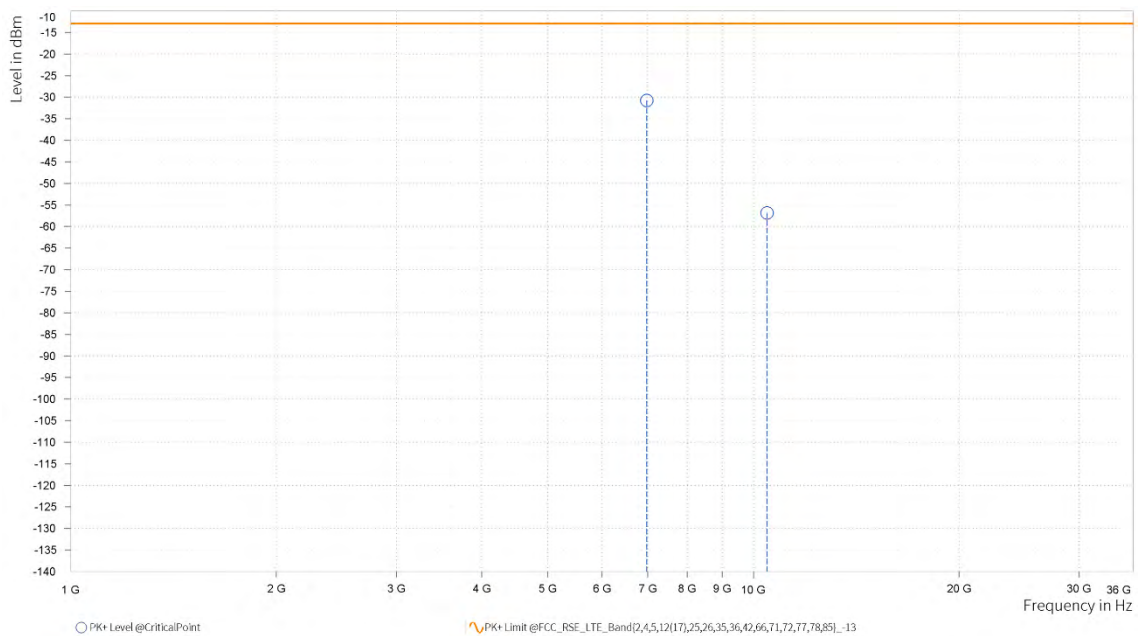
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,986.500	-44.98	-13.00	31.98	26.95	V	201.6	1.00
6	10,479.750	-55.23	-13.00	42.23	16.22	V	89	2.00





CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 42590
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M			

Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,982.000	-30.76	-13.00	17.76	26.88	H	203	1.00
6	10,473.000	-56.81	-13.00	43.81	16.42	H	153.4	1.00

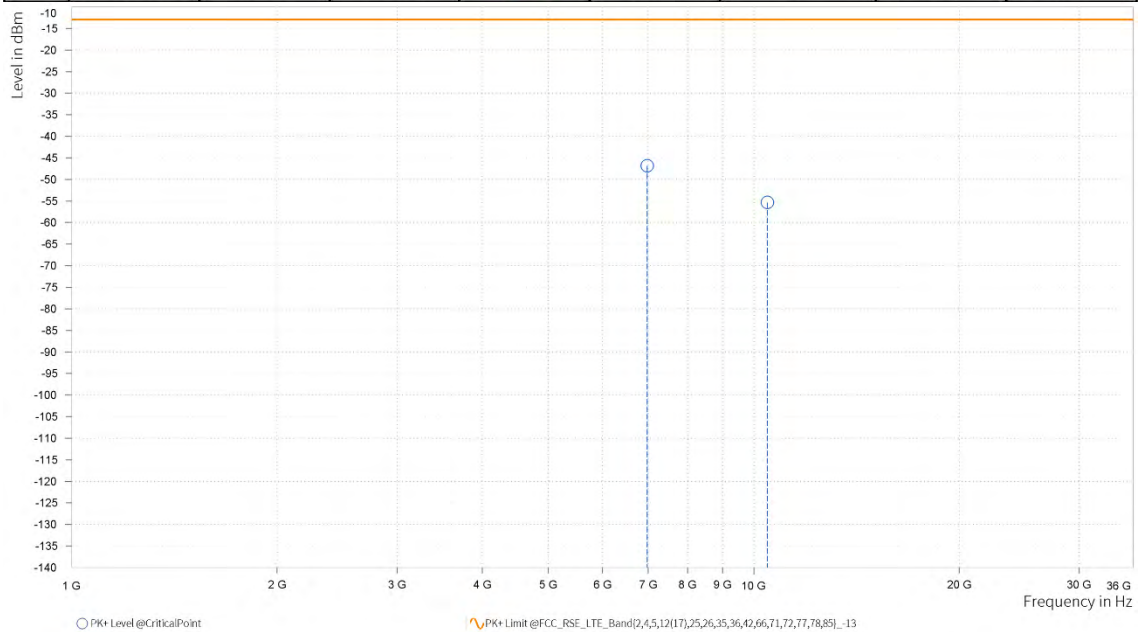


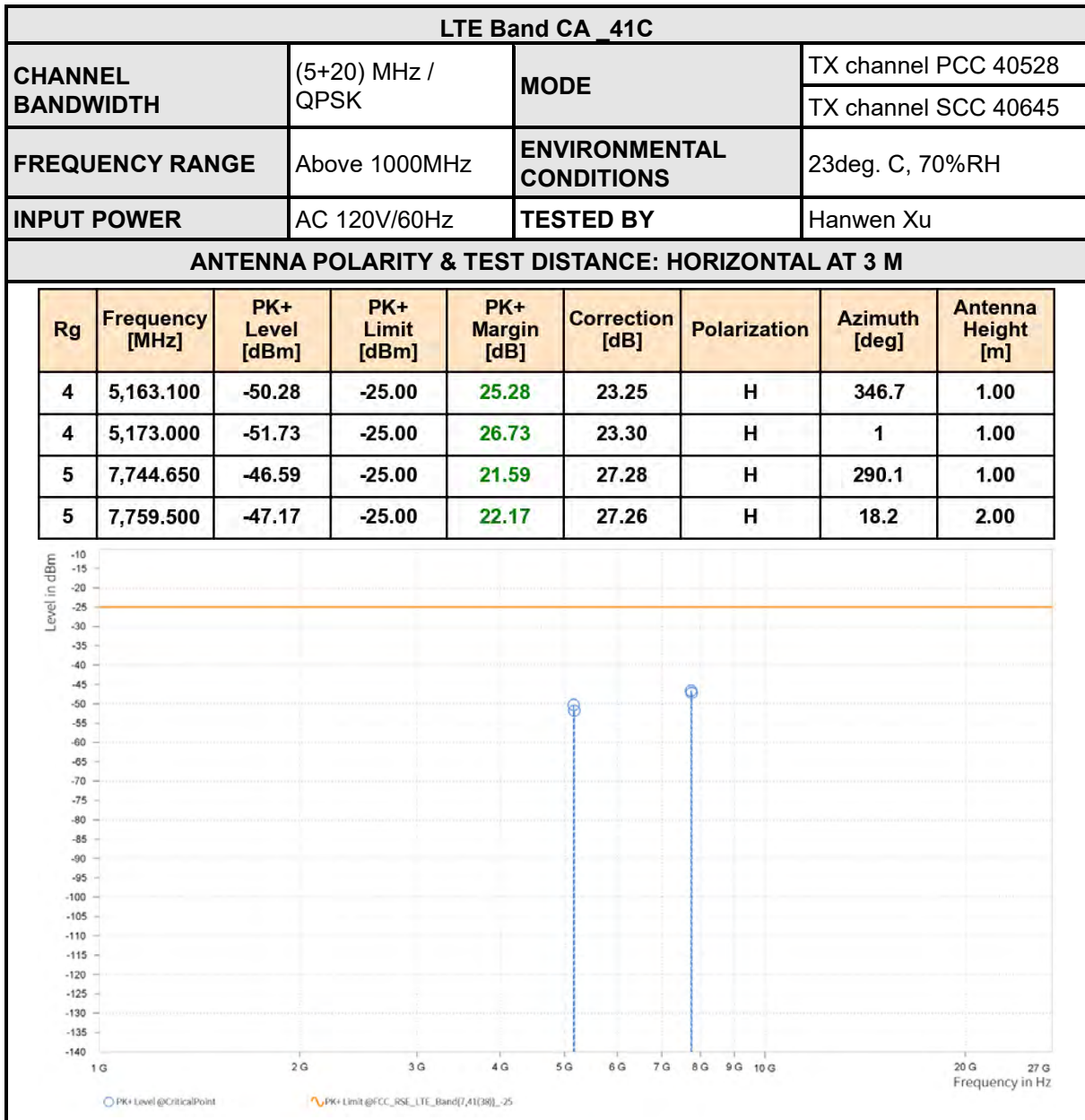


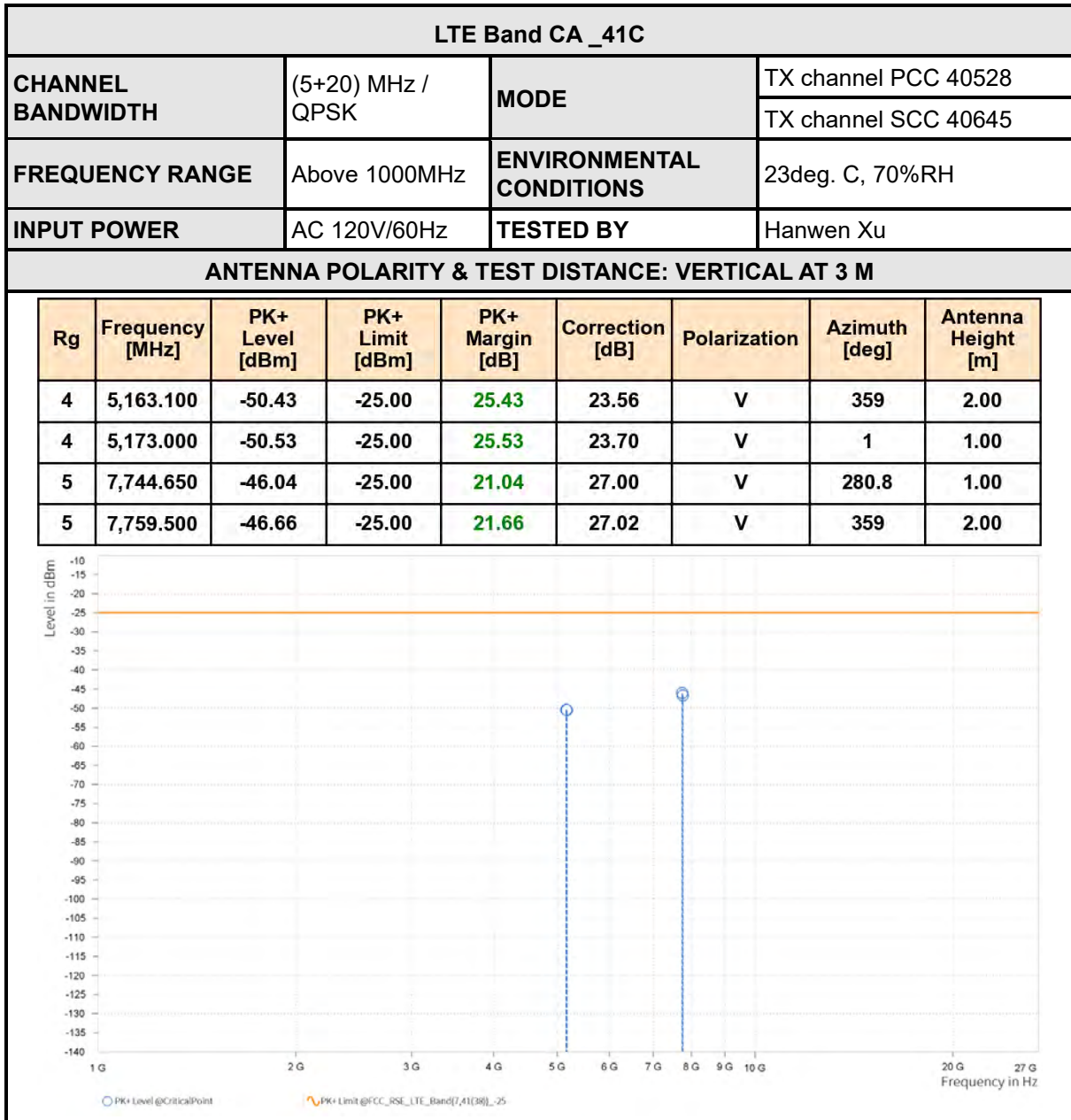
CHANNEL BANDWIDTH	20MHz / QPSK	MODE	TX channel 42590
FREQUENCY RANGE	Above 1000MHz	ENVIRONMENTAL CONDITIONS	23deg. C, 70%RH
INPUT POWER	AC 120V 60HZ	TESTED BY	Hanwen Xu

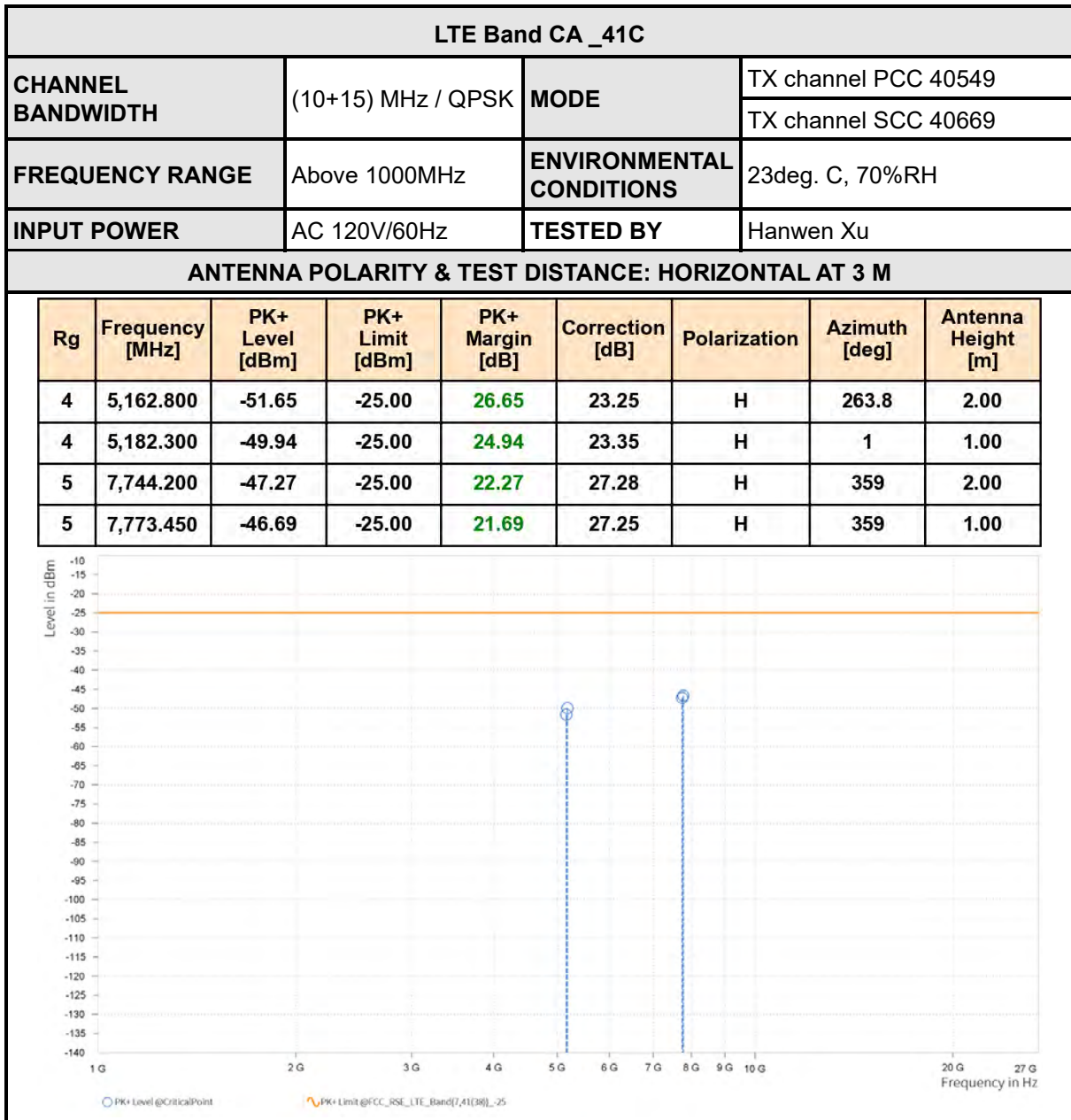
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

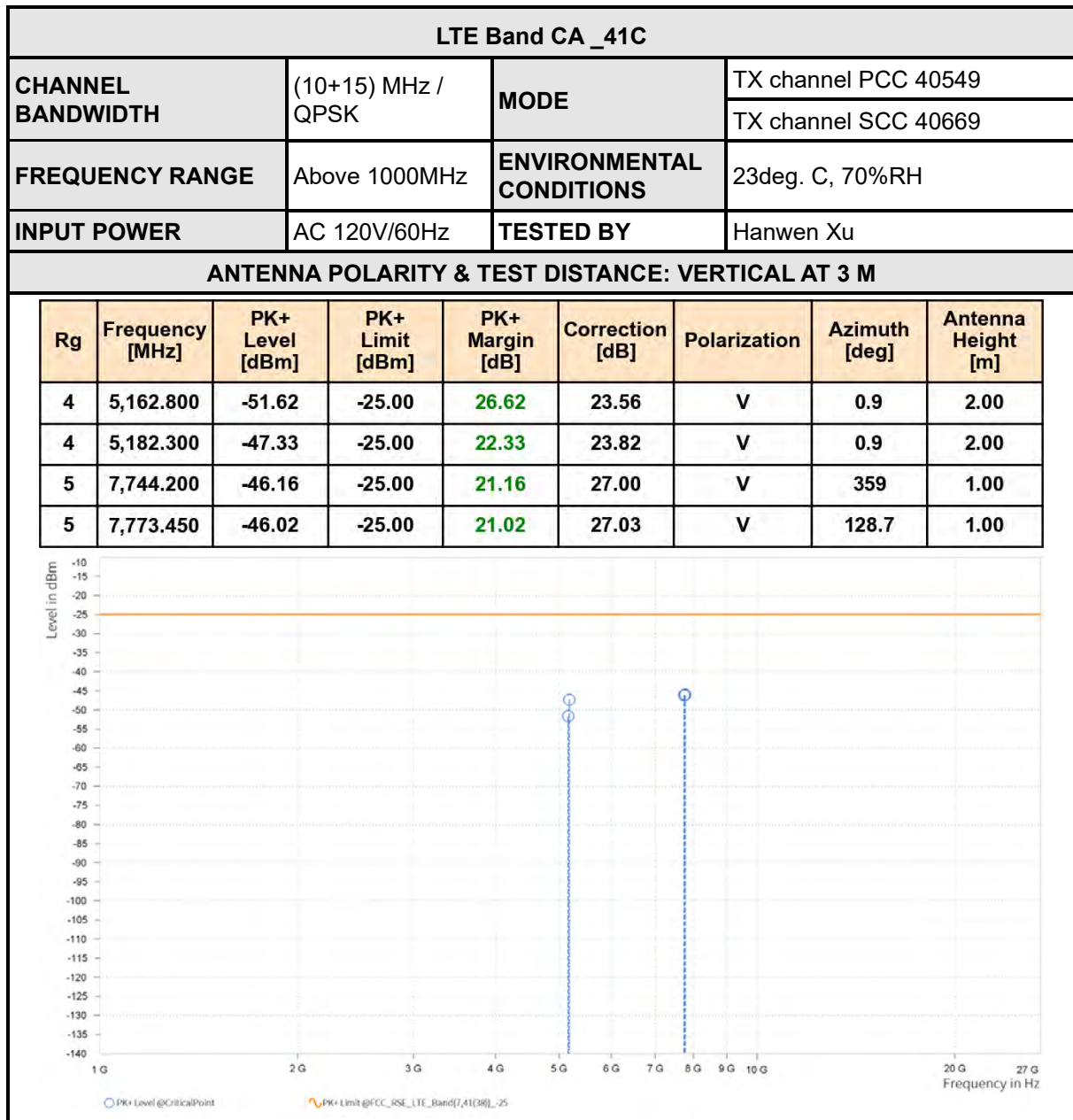
Rg	Frequency [MHz]	PK+ Level [dBm]	PK+ Limit [dBm]	PK+ Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
5	6,982.000	-46.86	-13.00	33.86	26.92	V	359.1	1.00
6	10,473.000	-55.35	-13.00	42.35	16.20	V	210	1.00

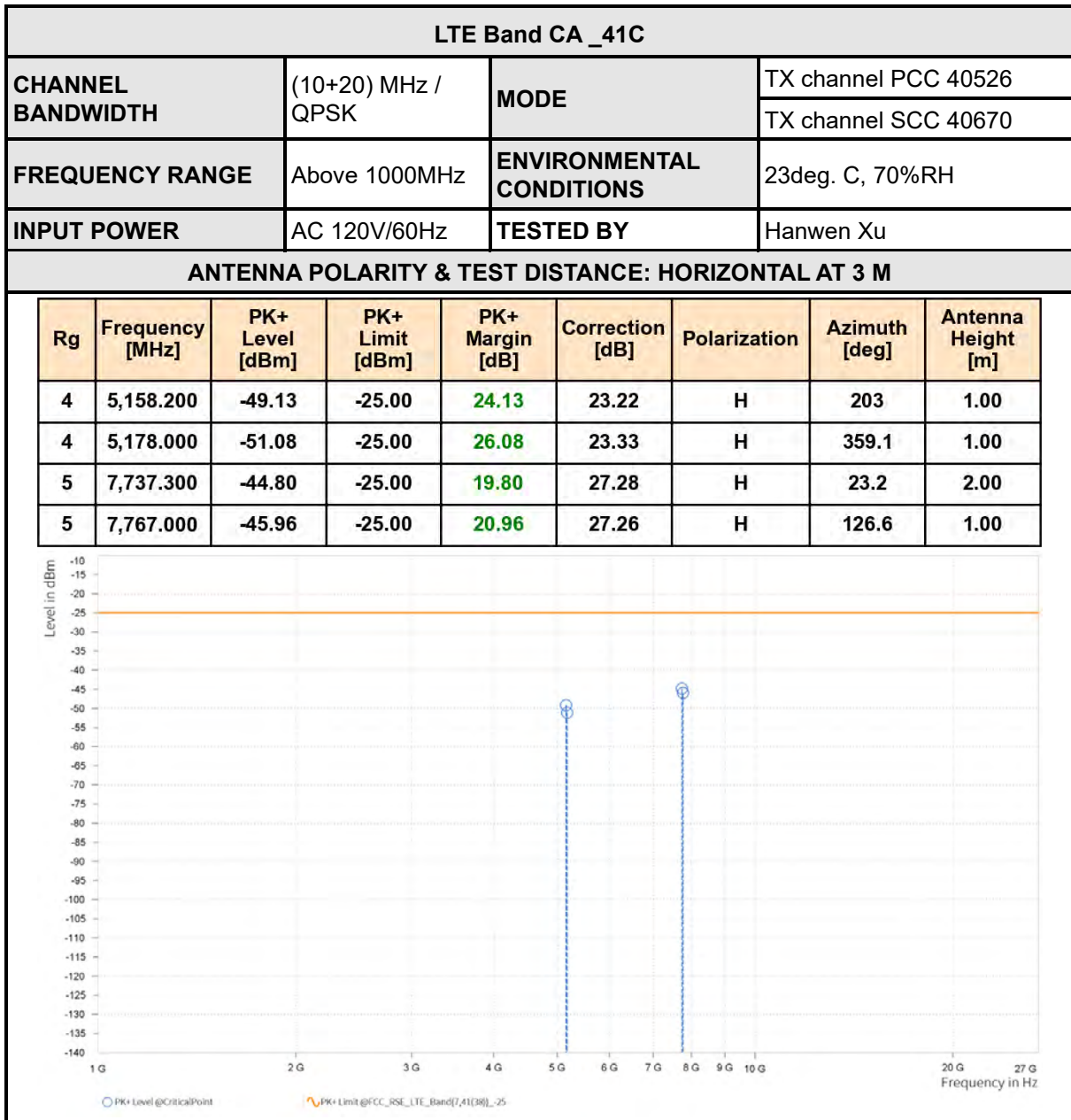


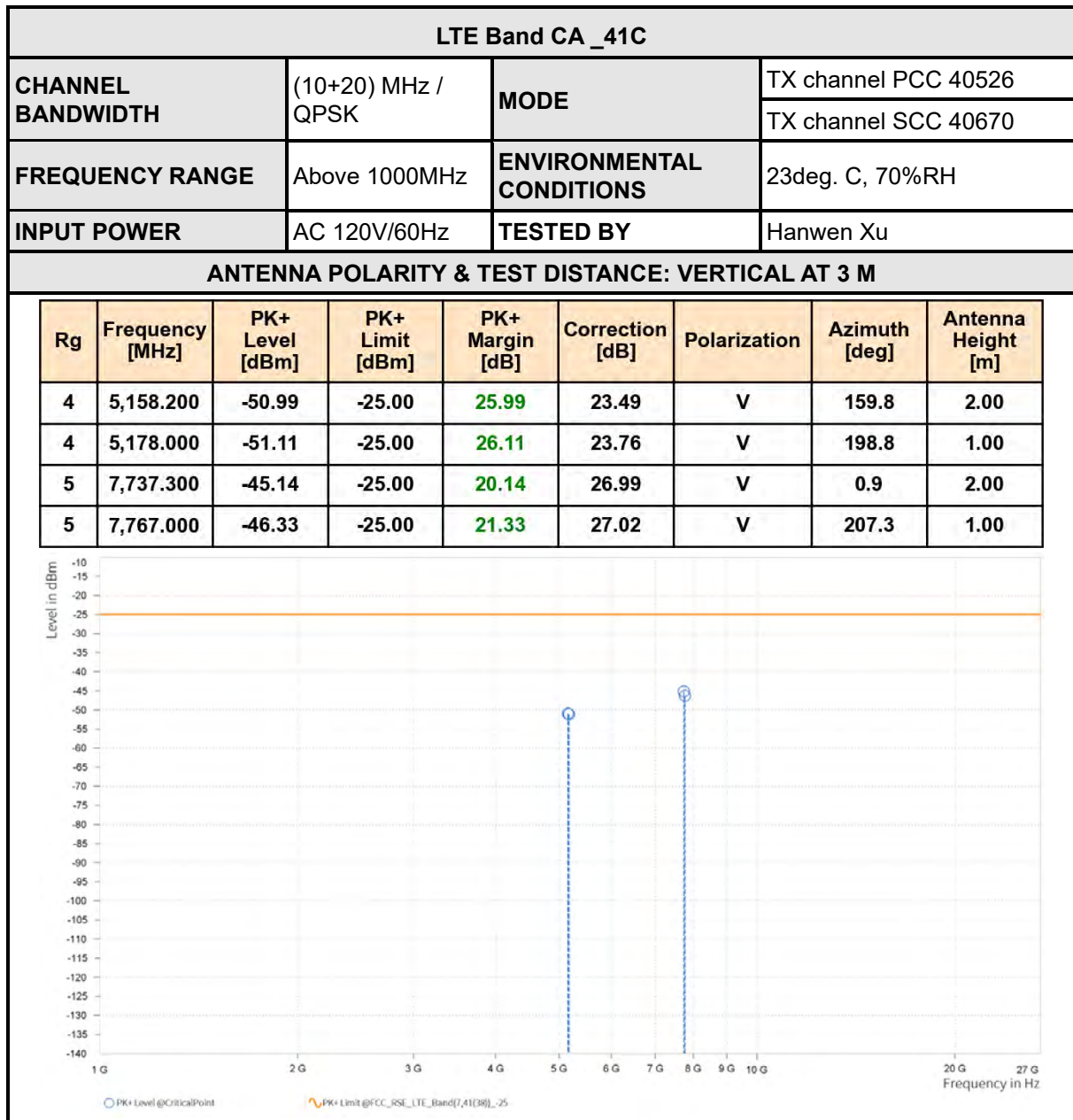


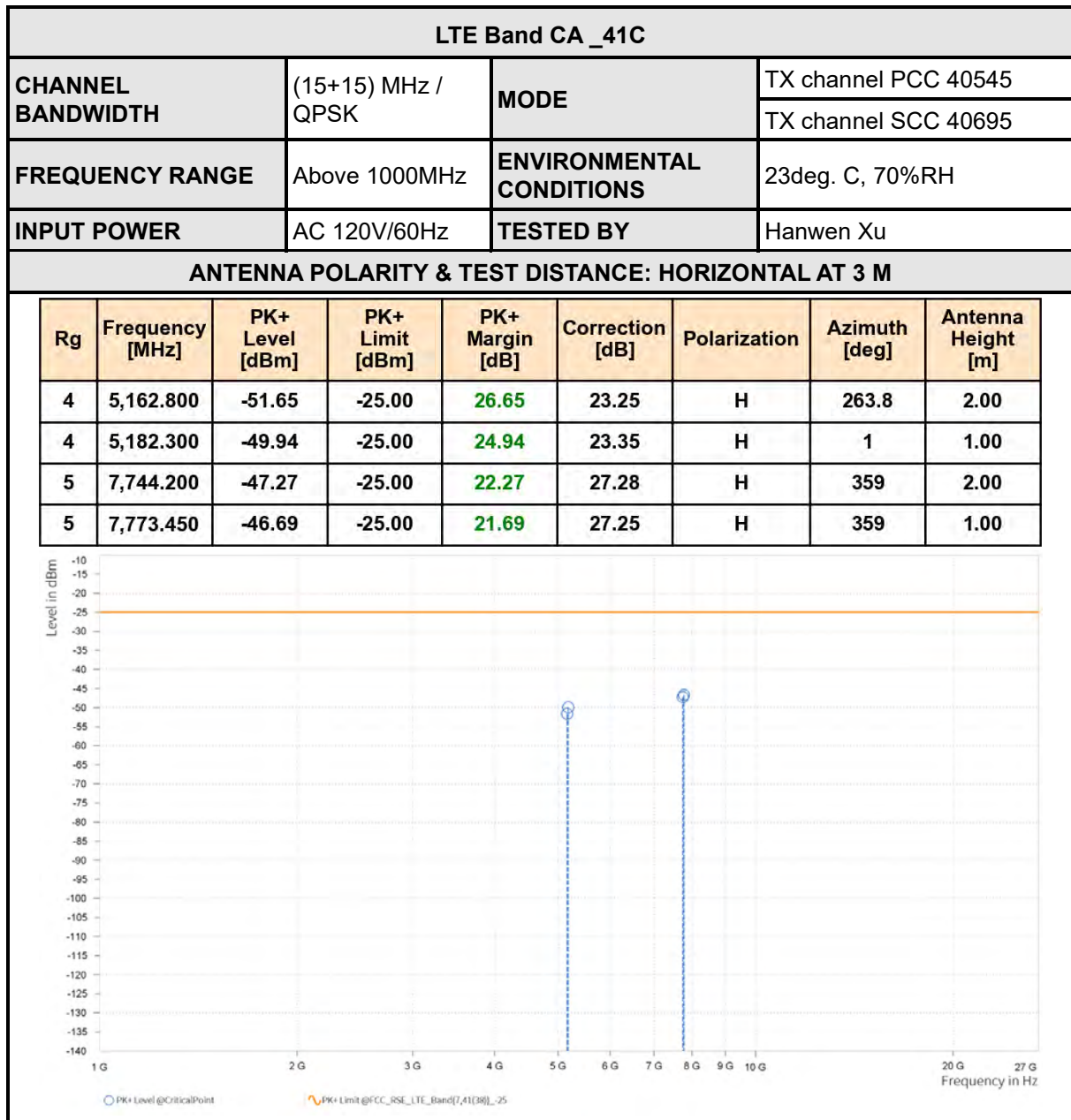


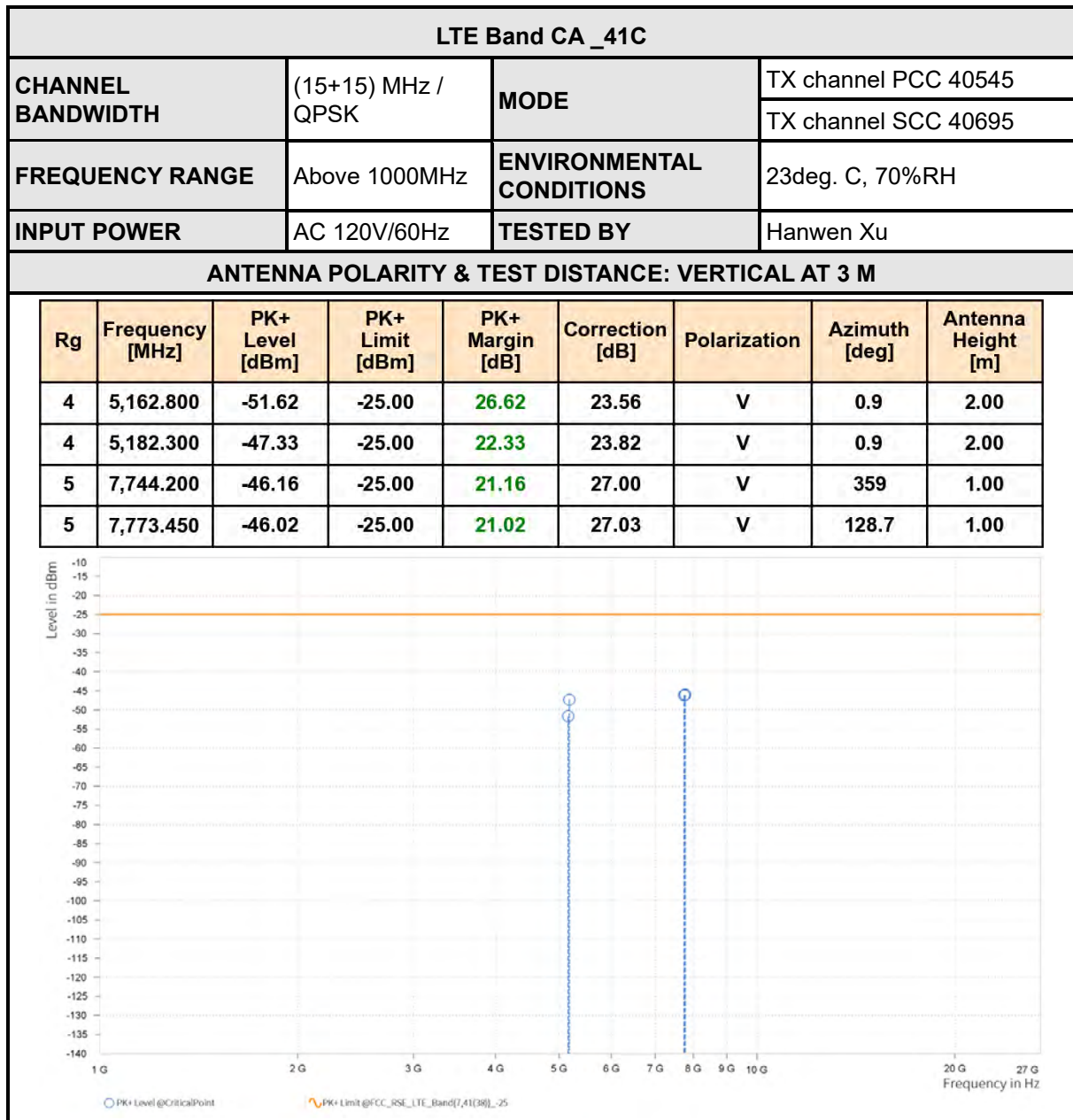


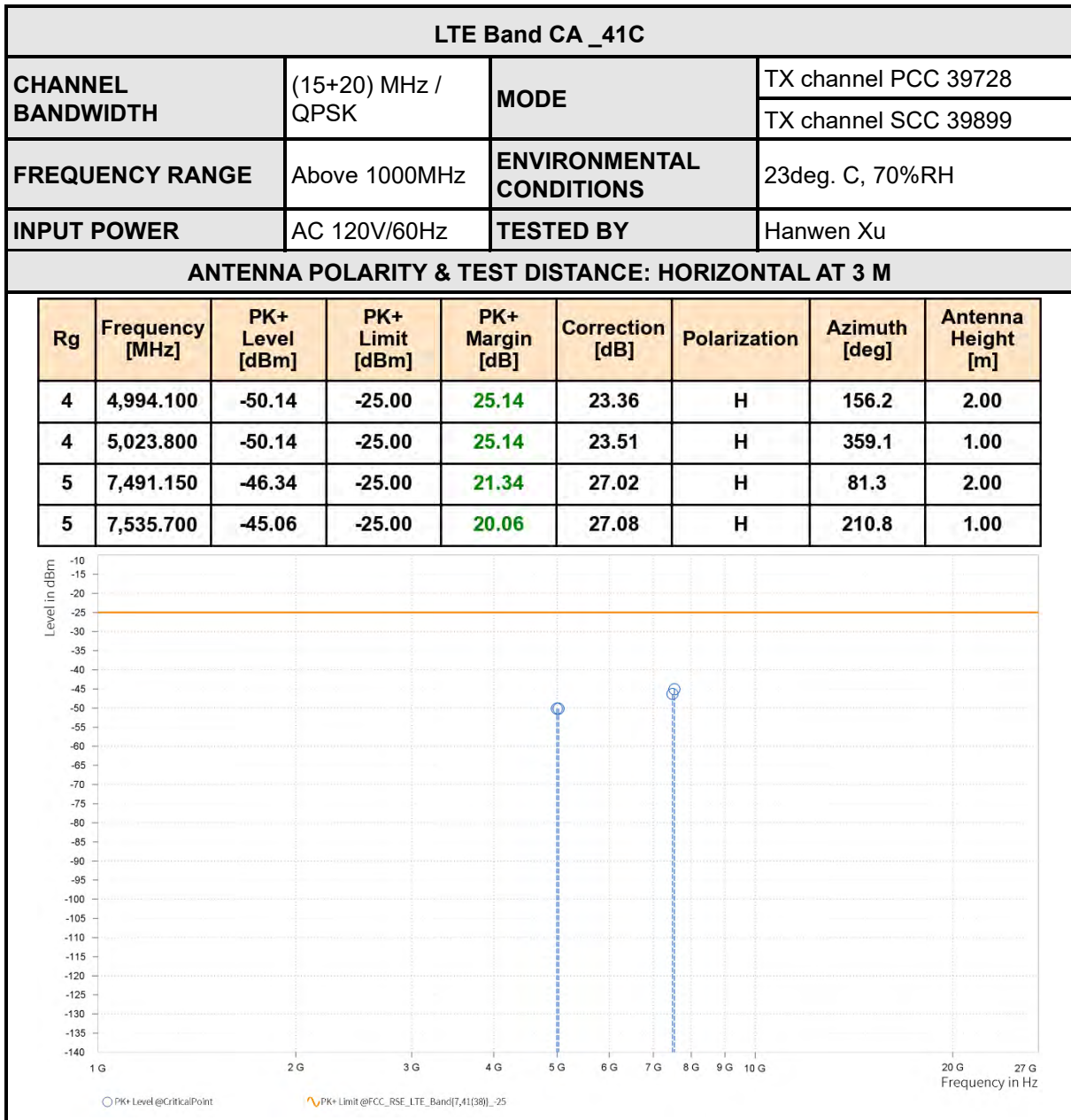


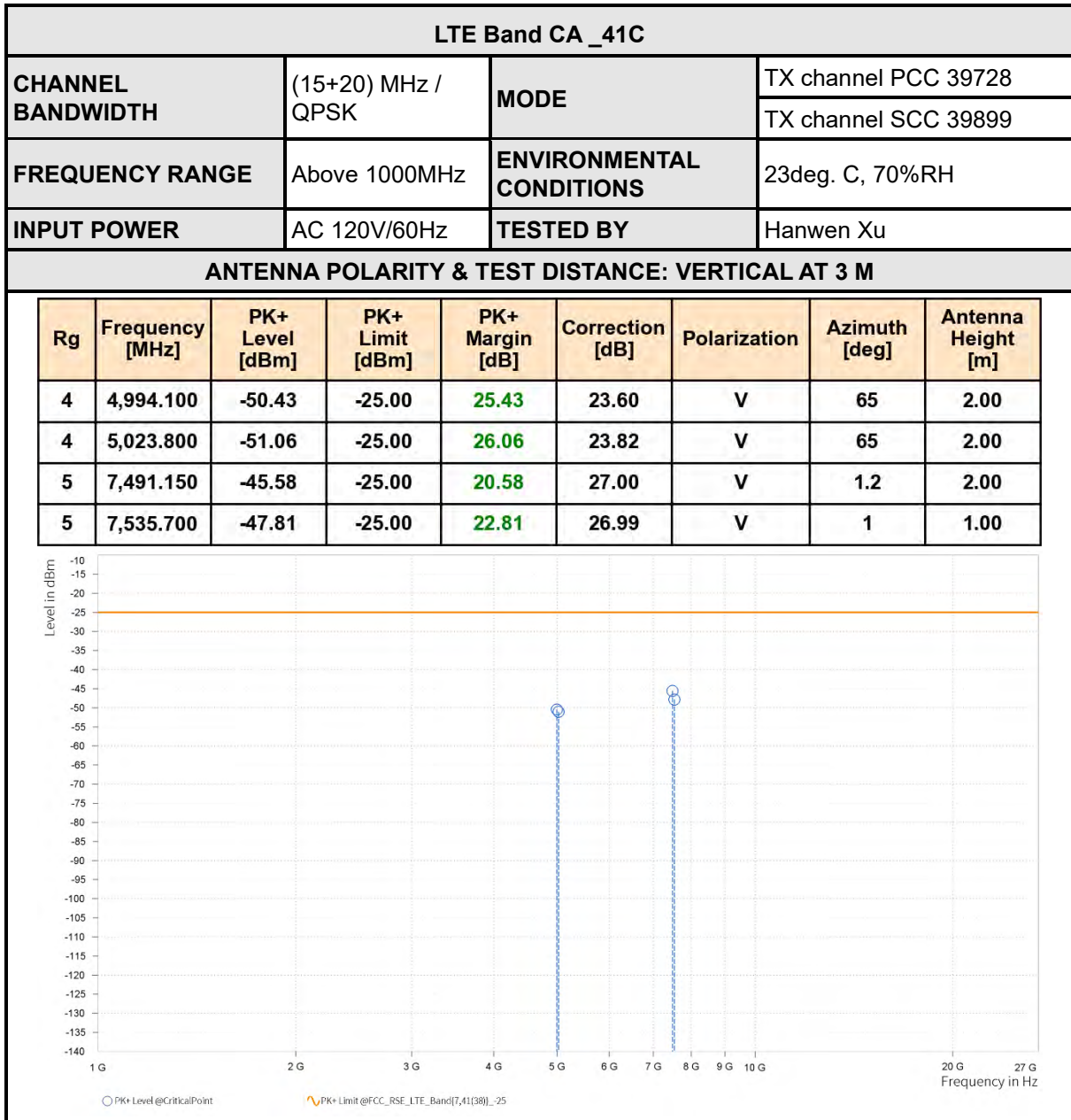


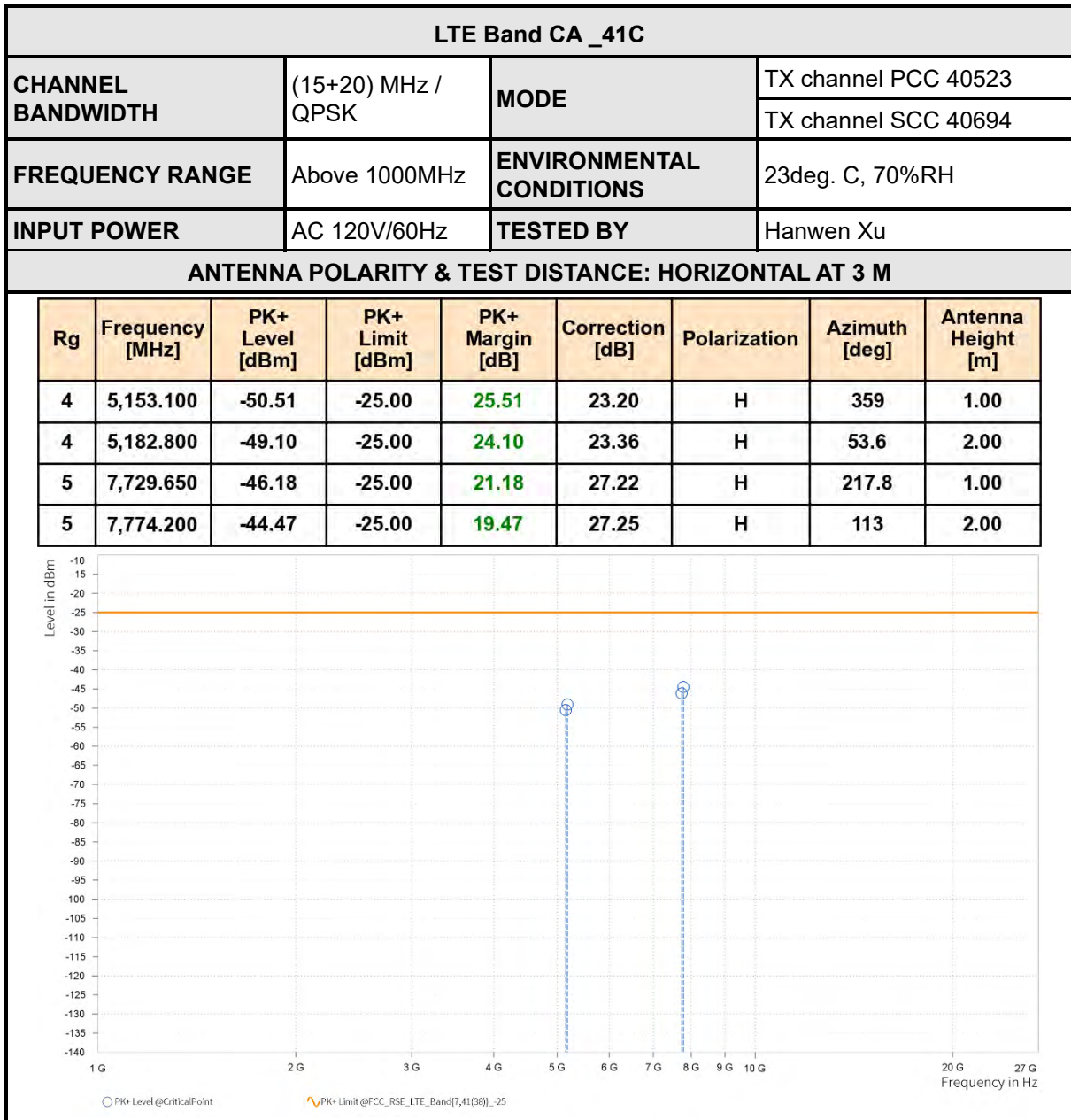


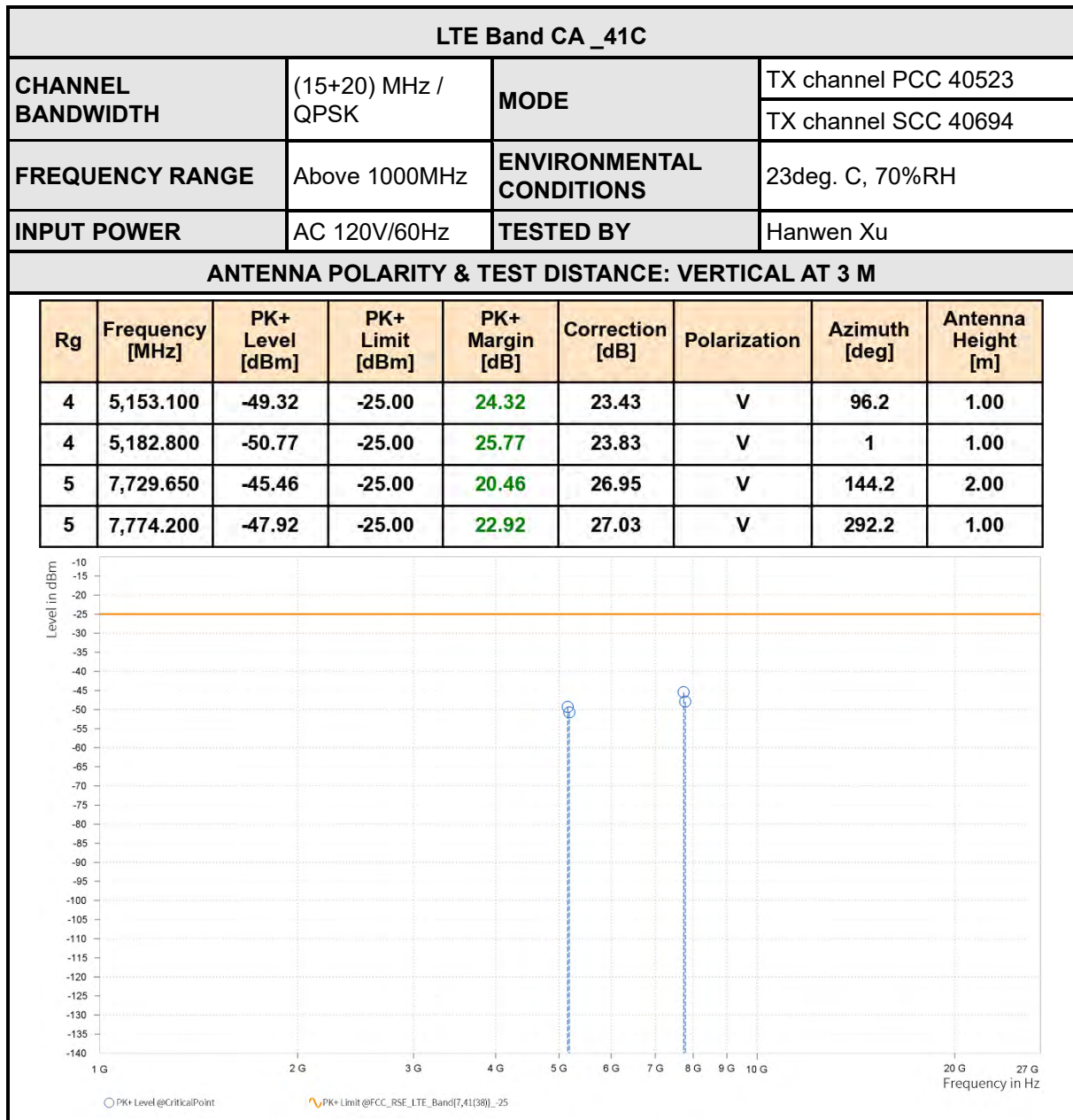


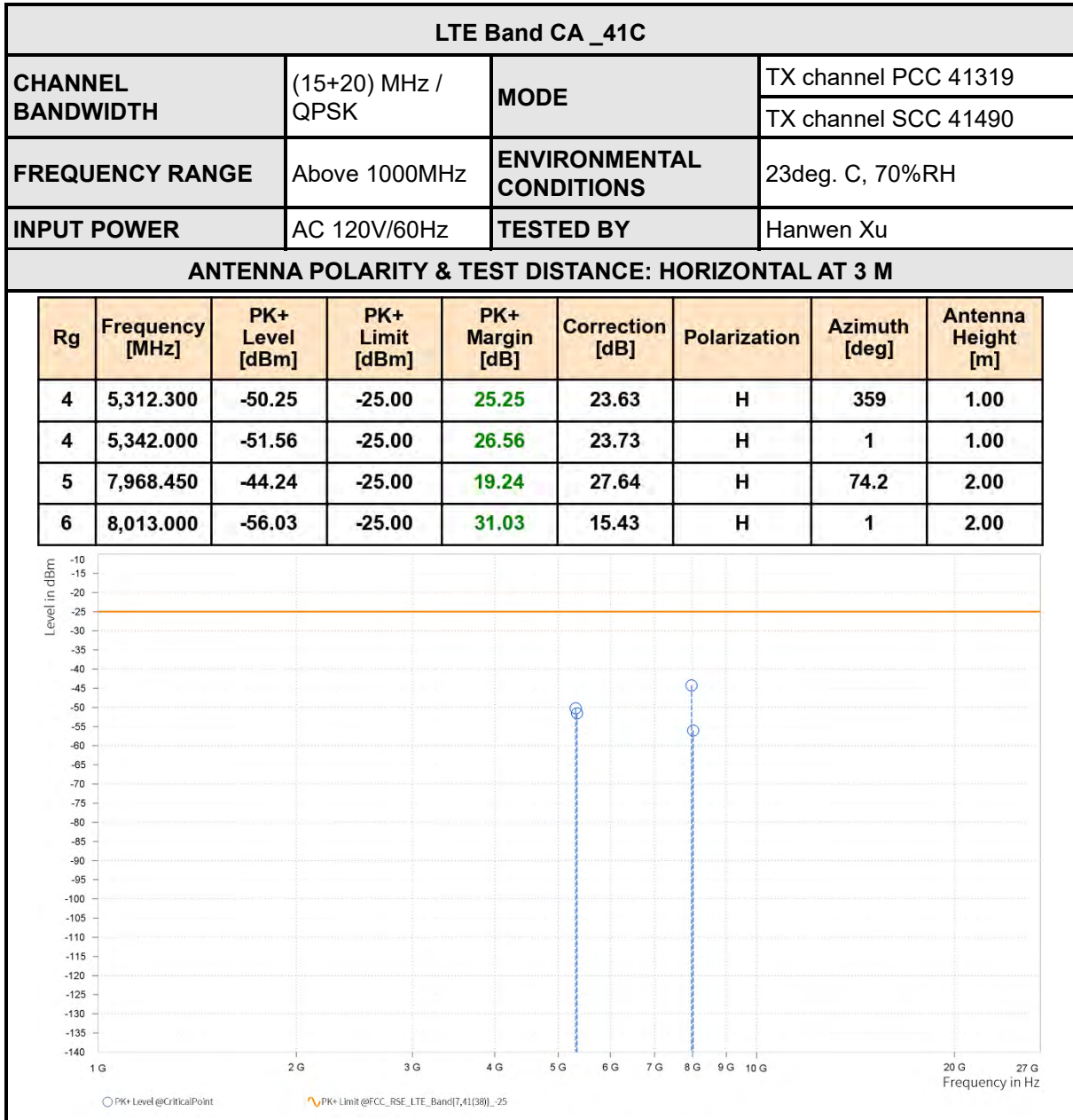


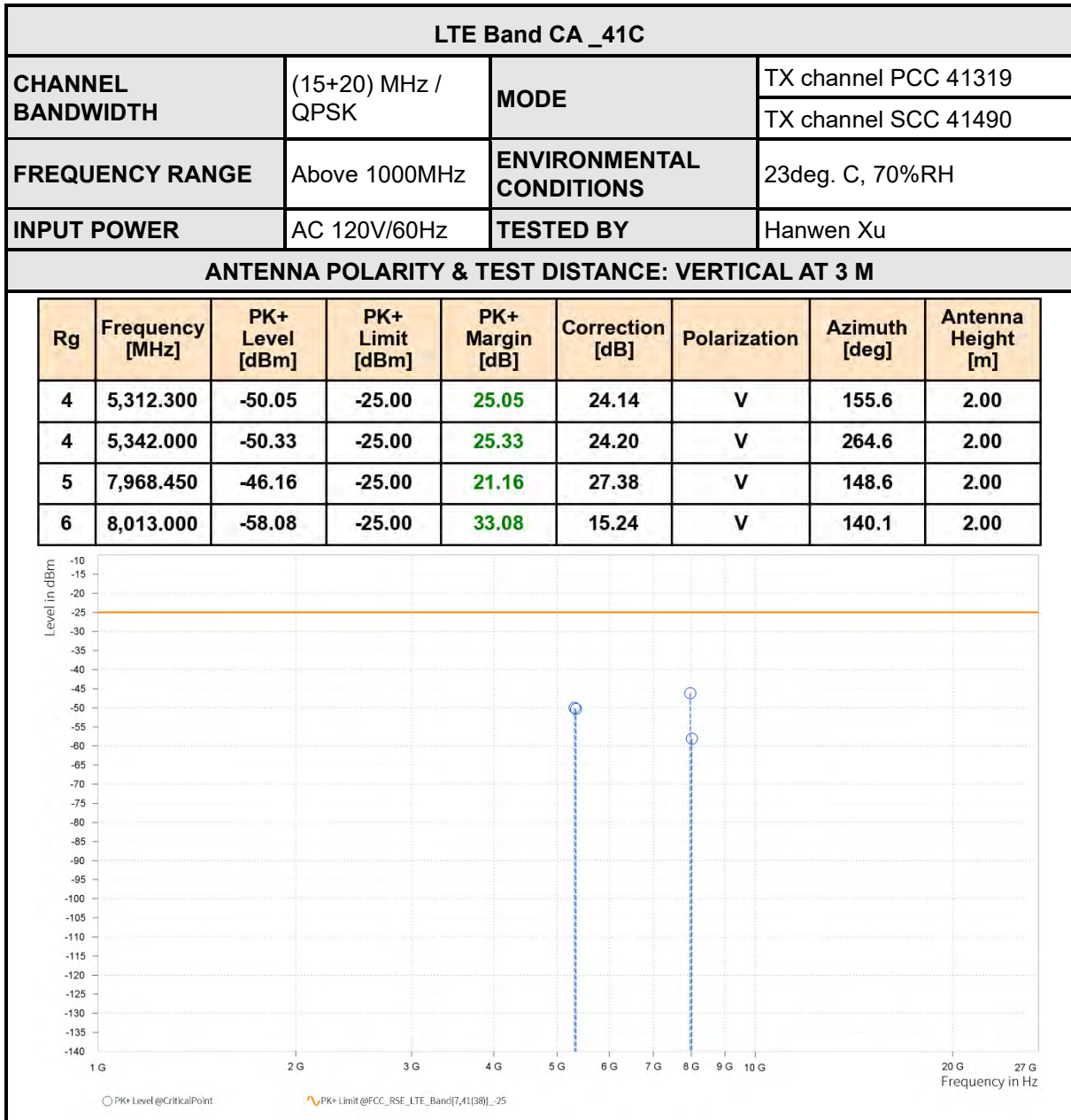


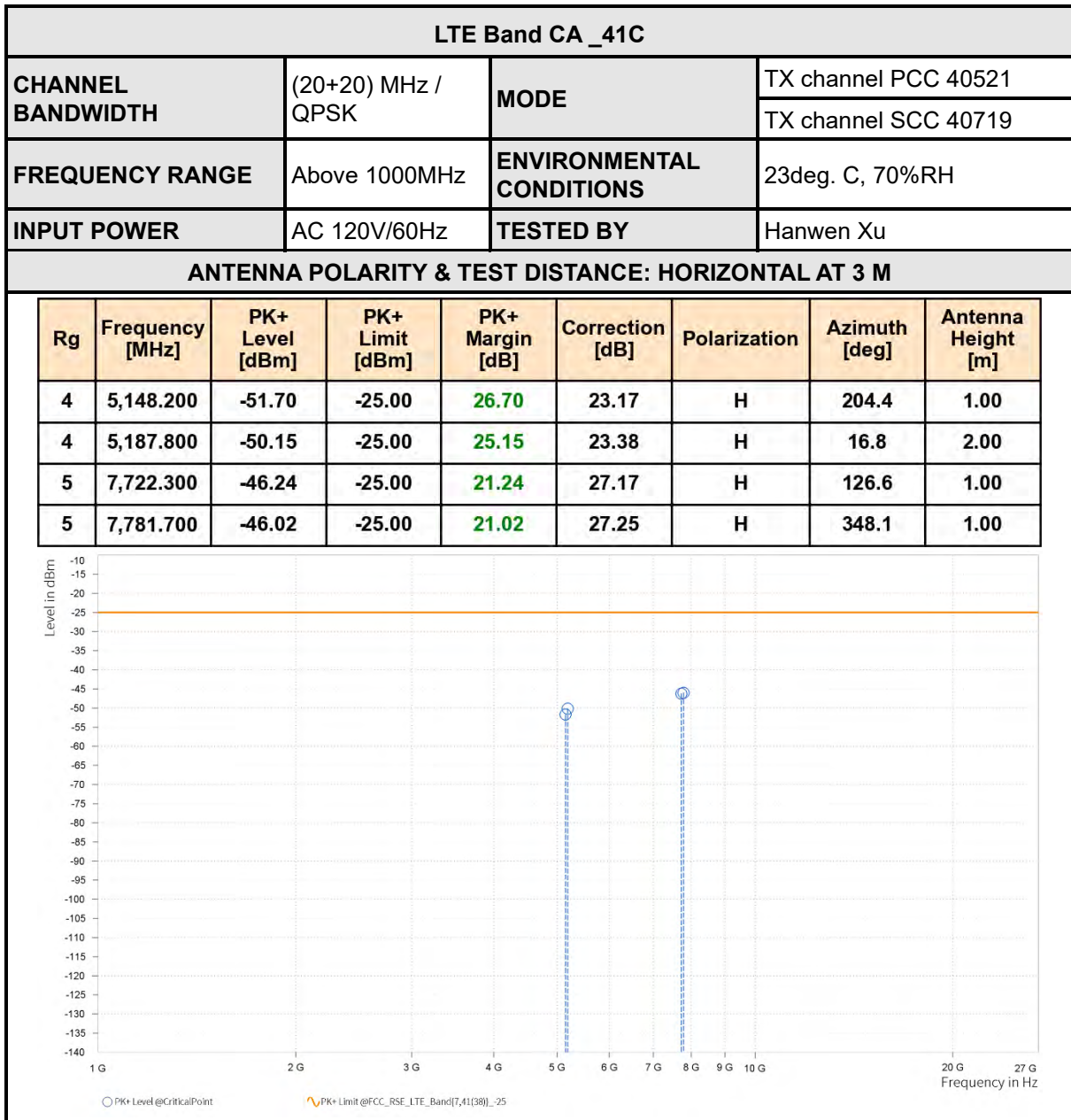


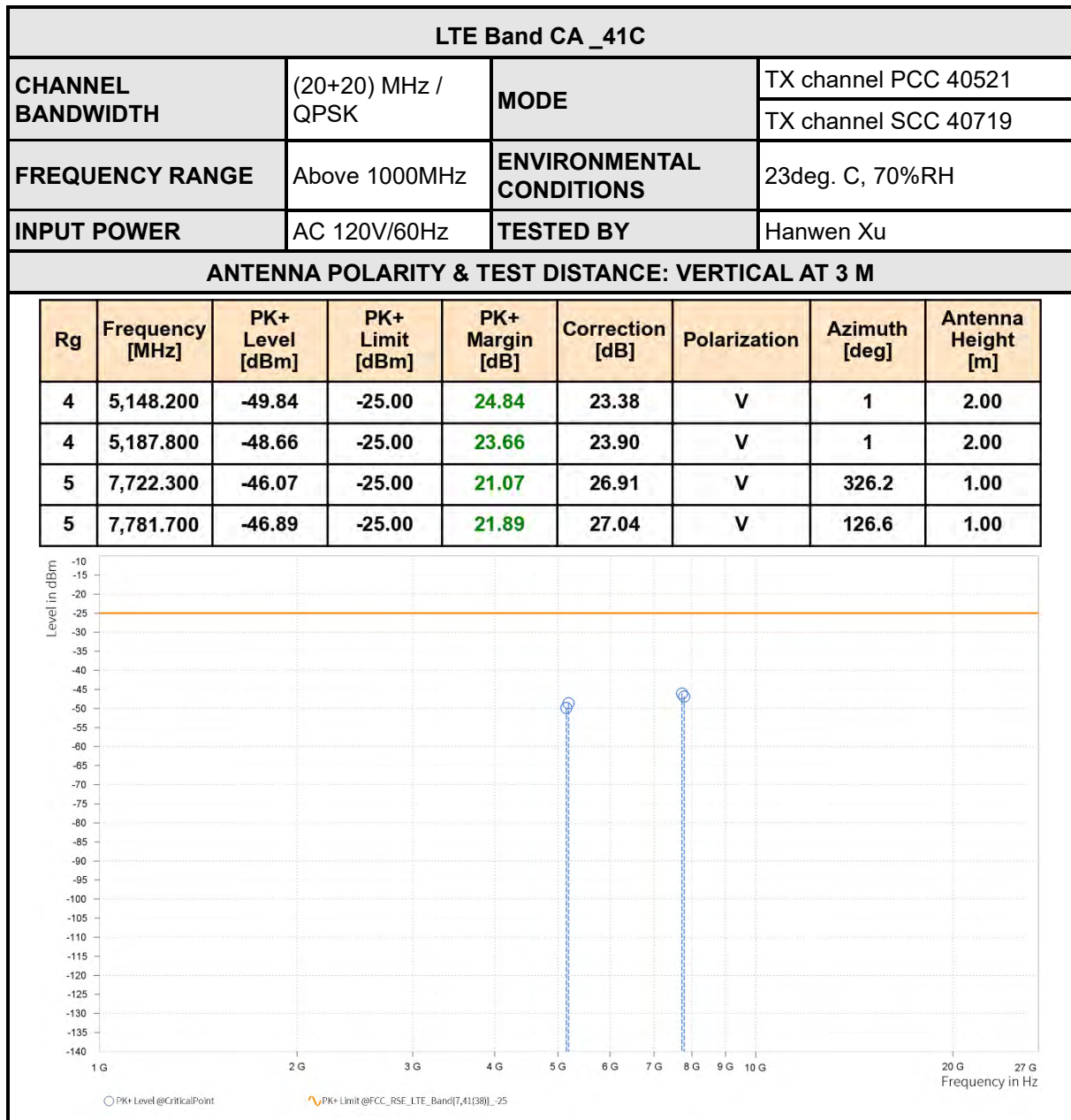


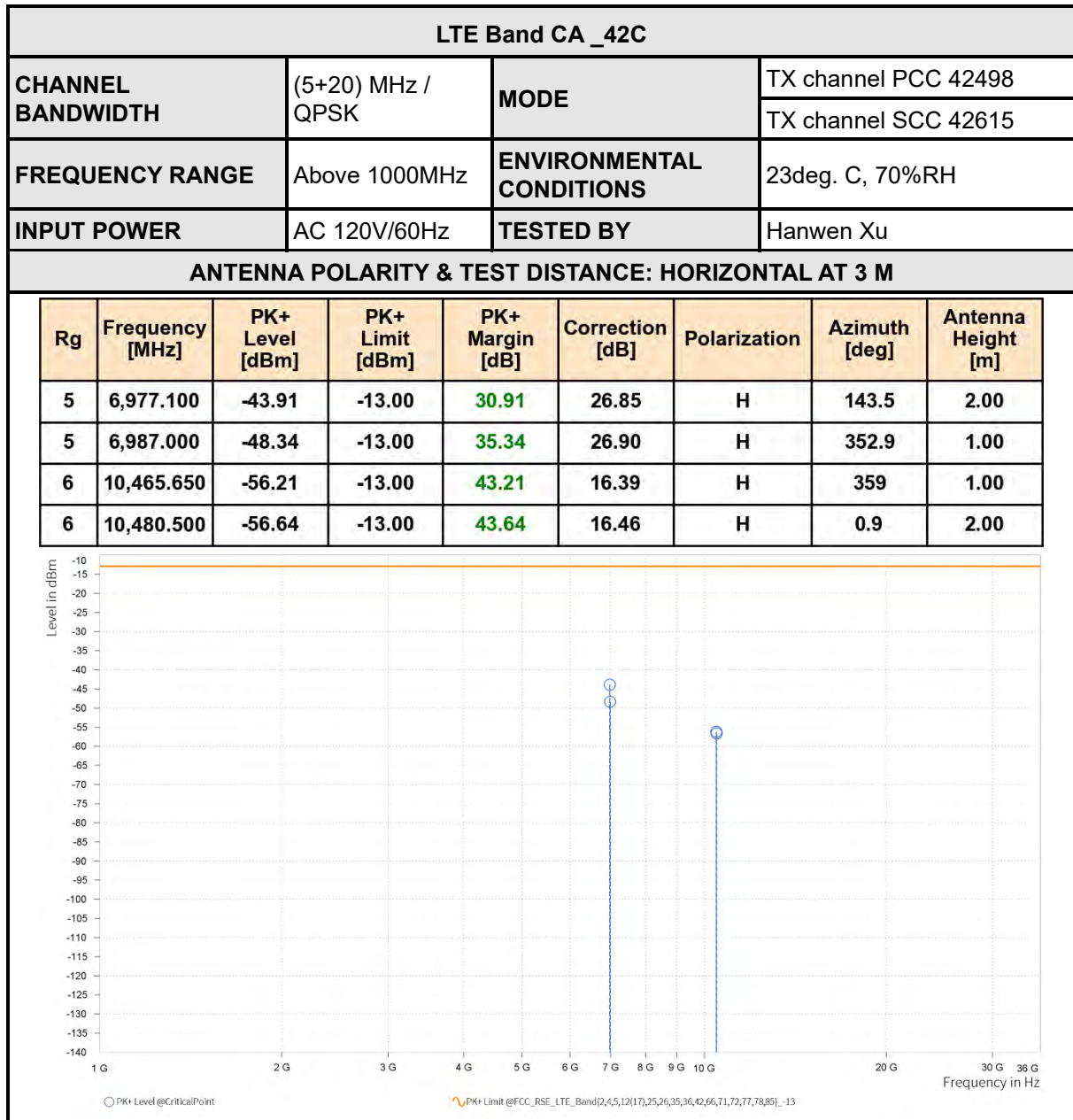


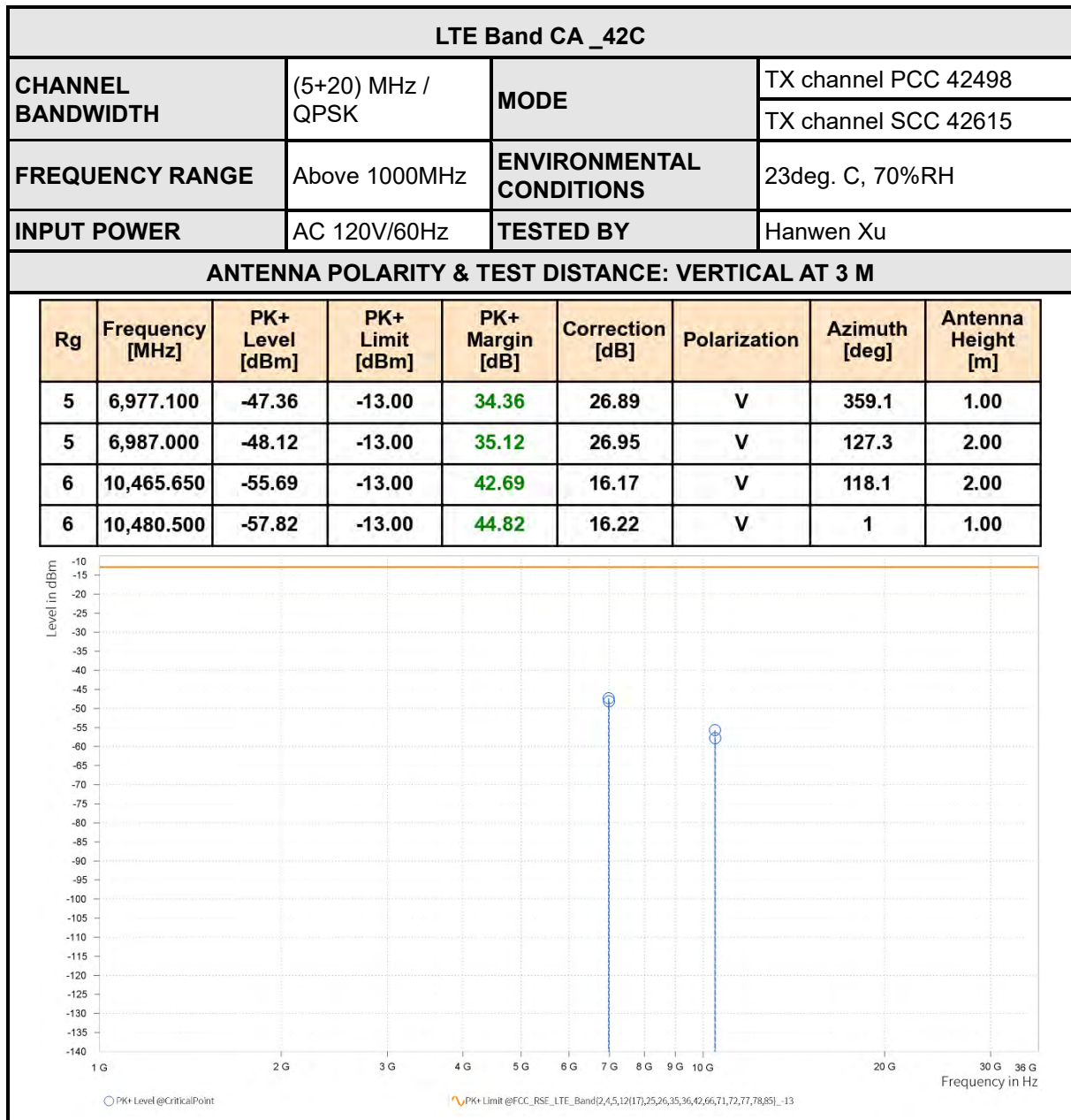


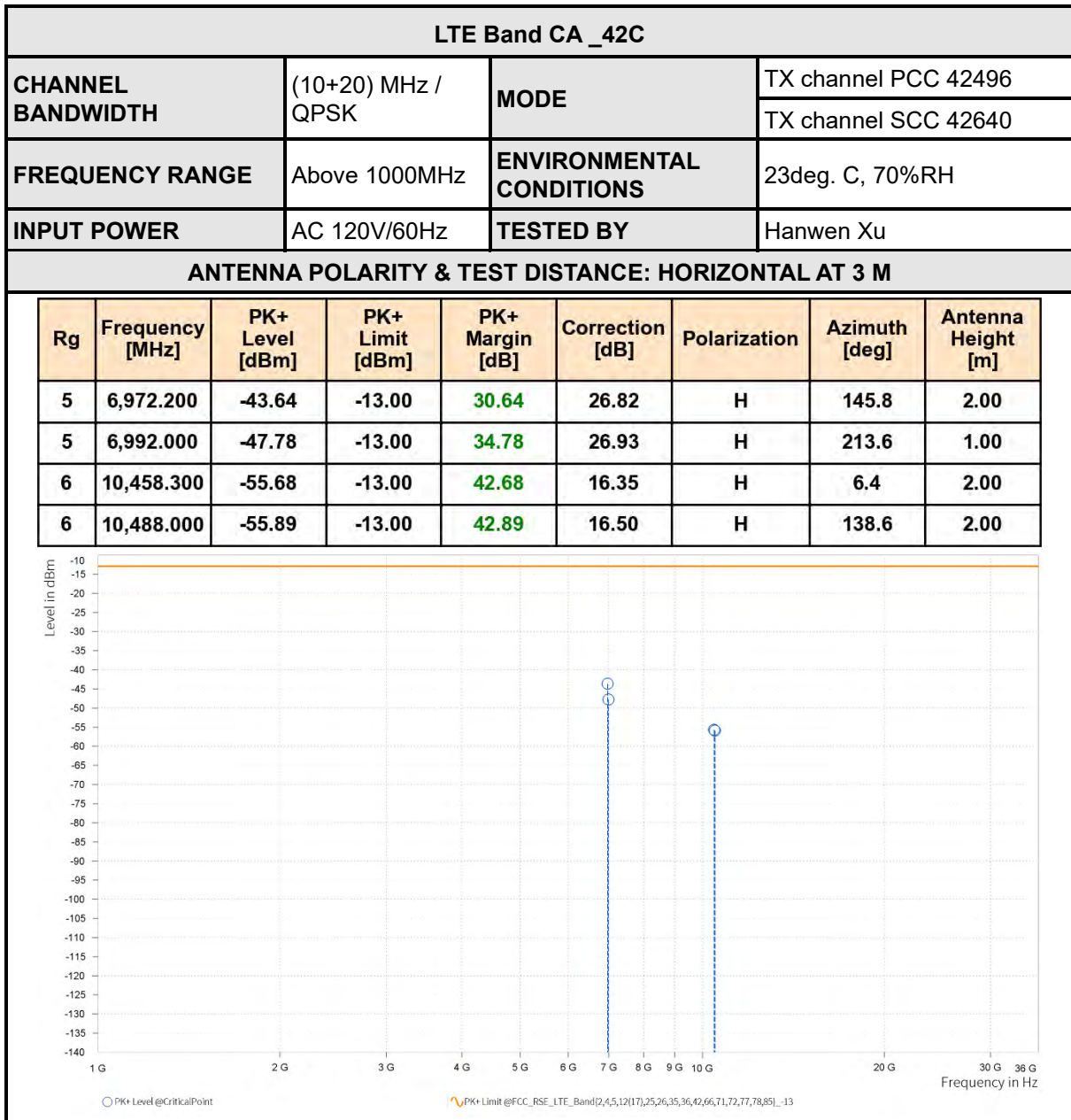


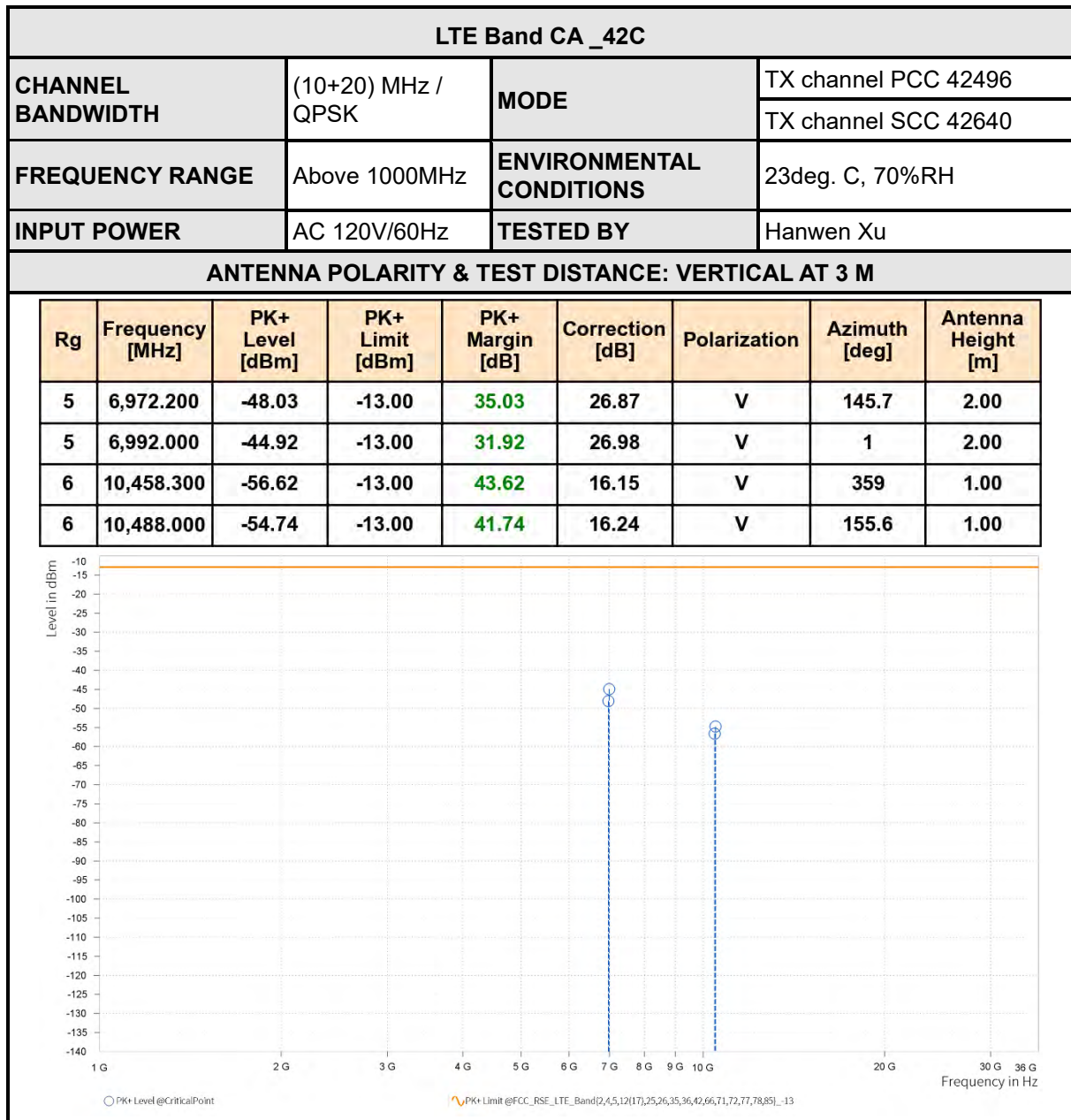


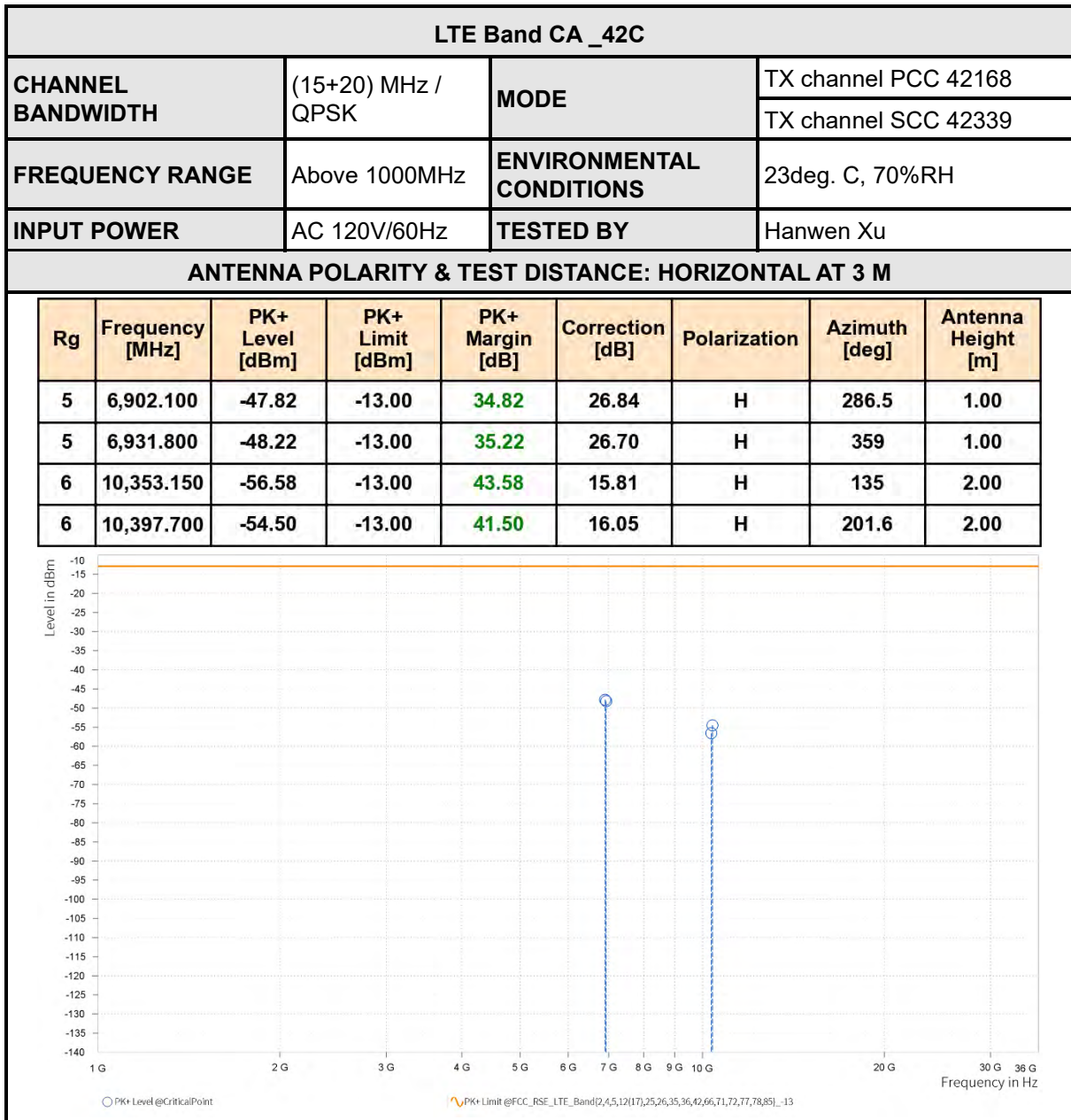


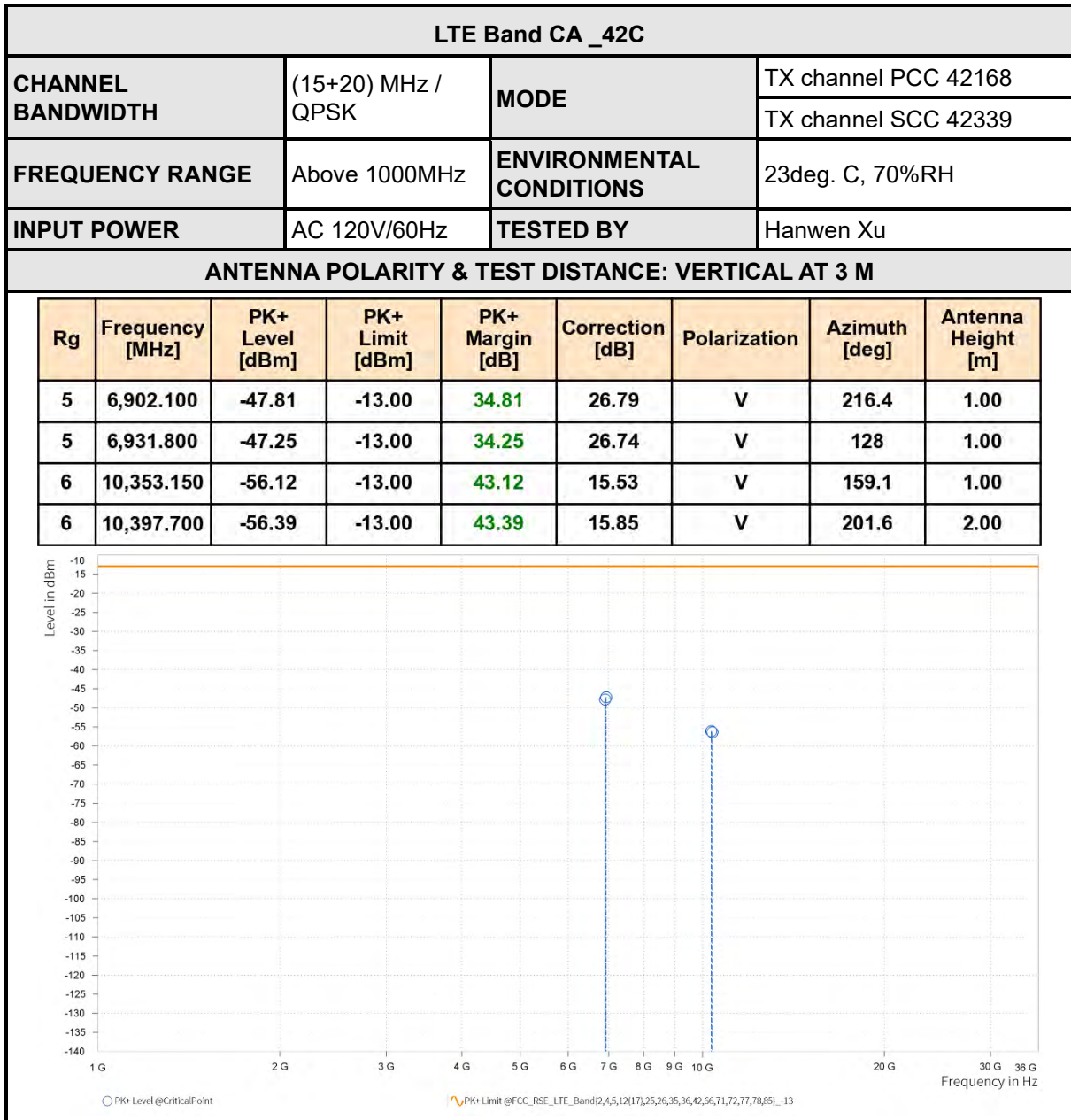


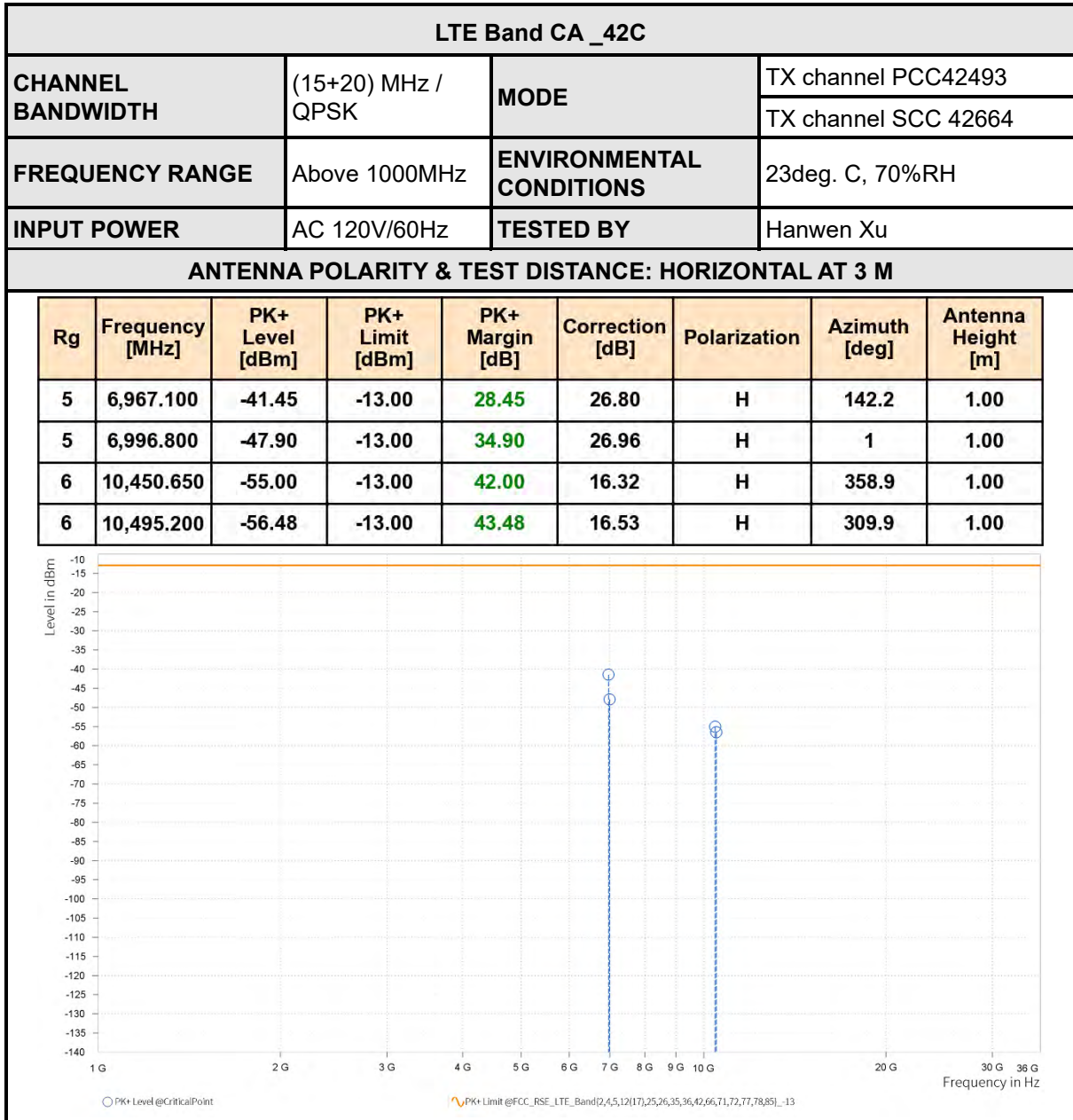


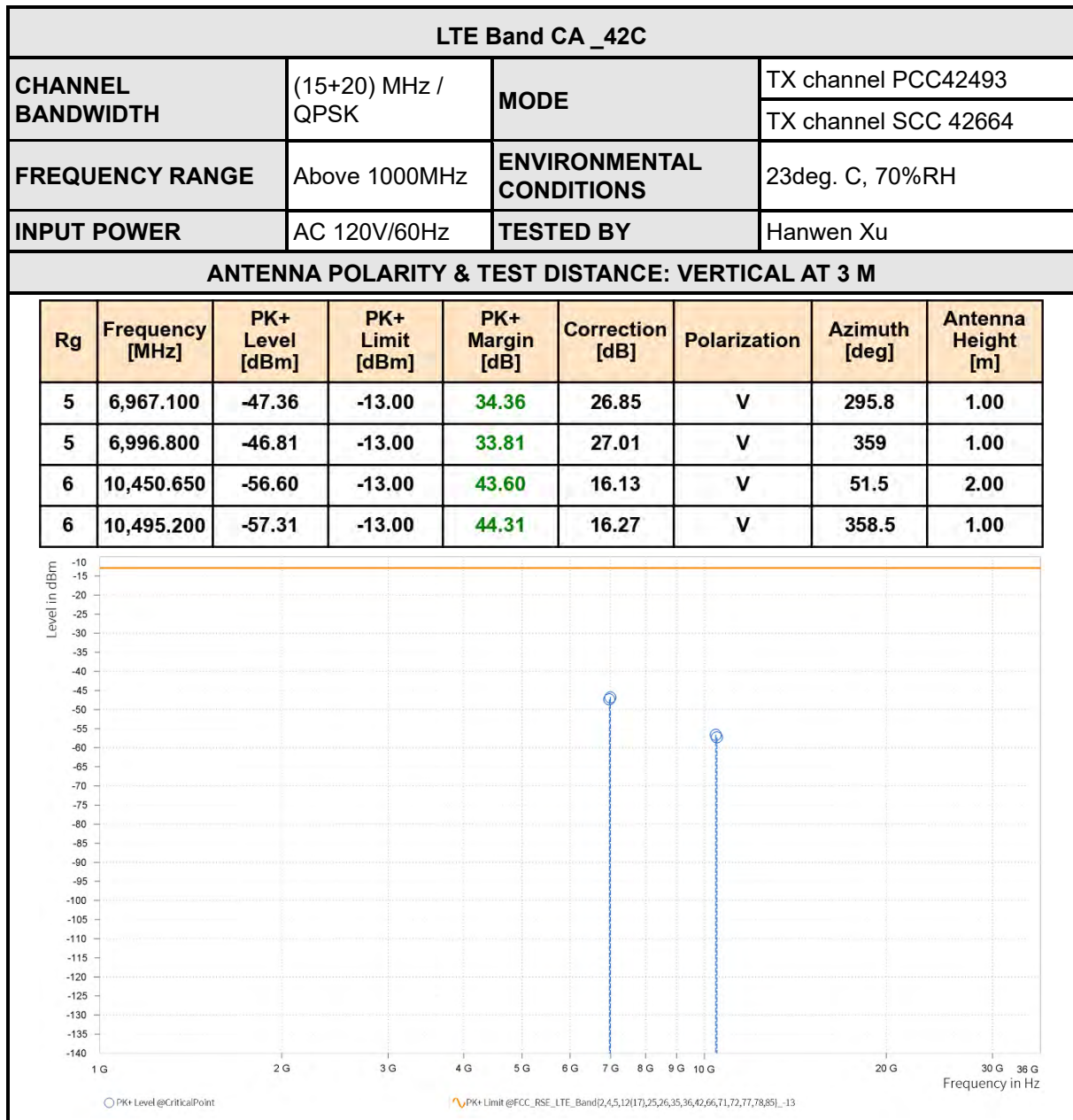


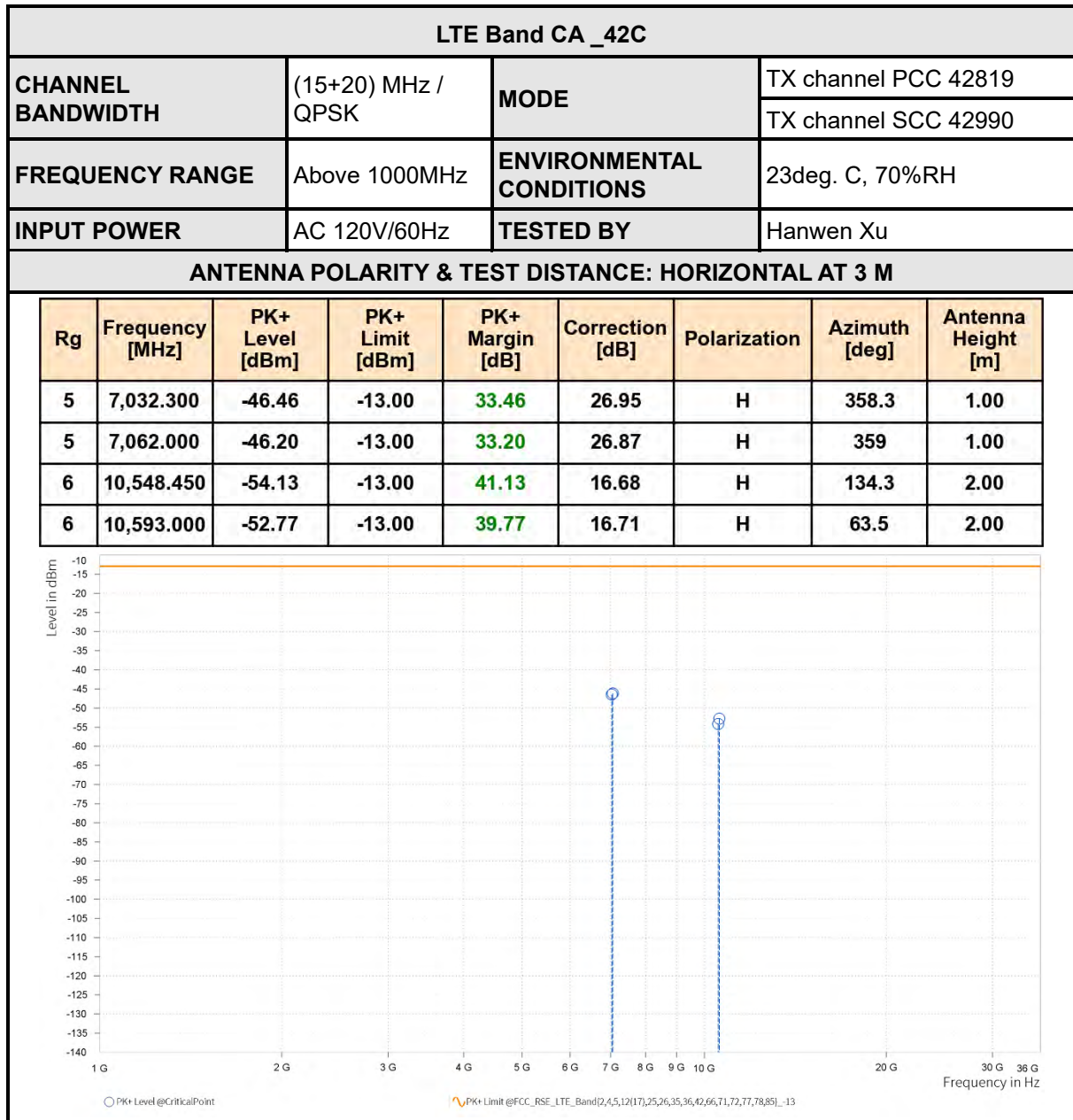


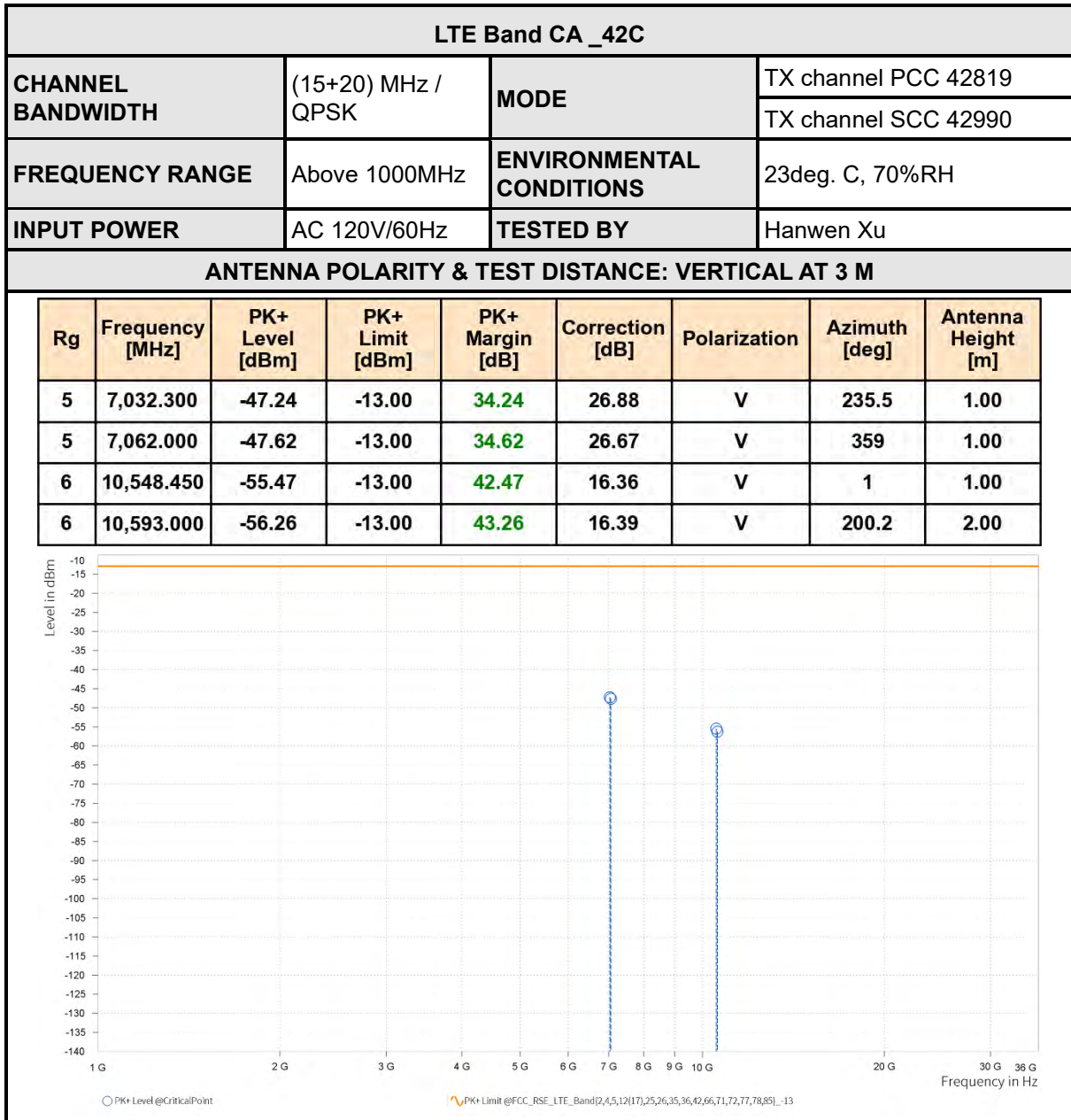


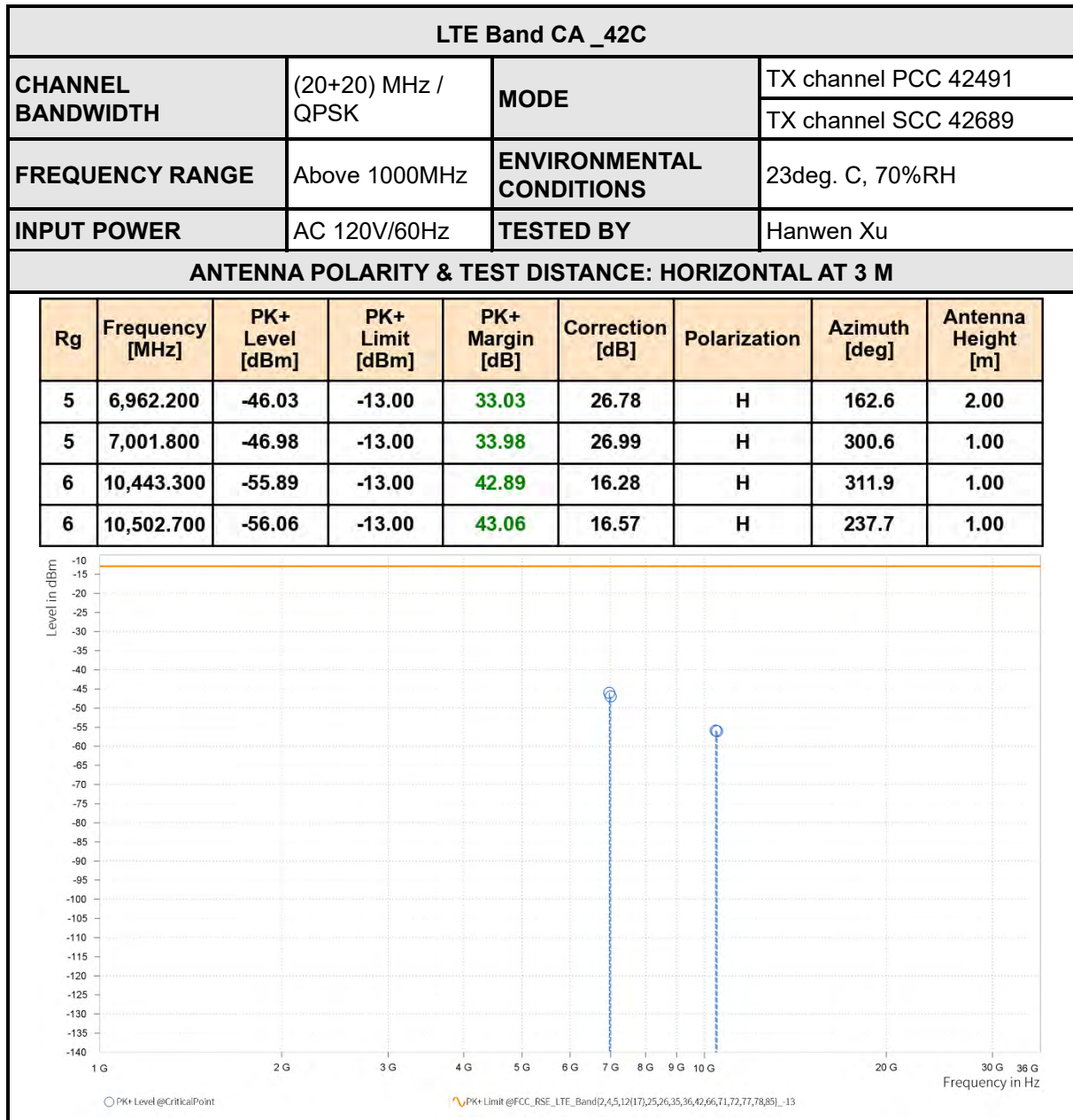


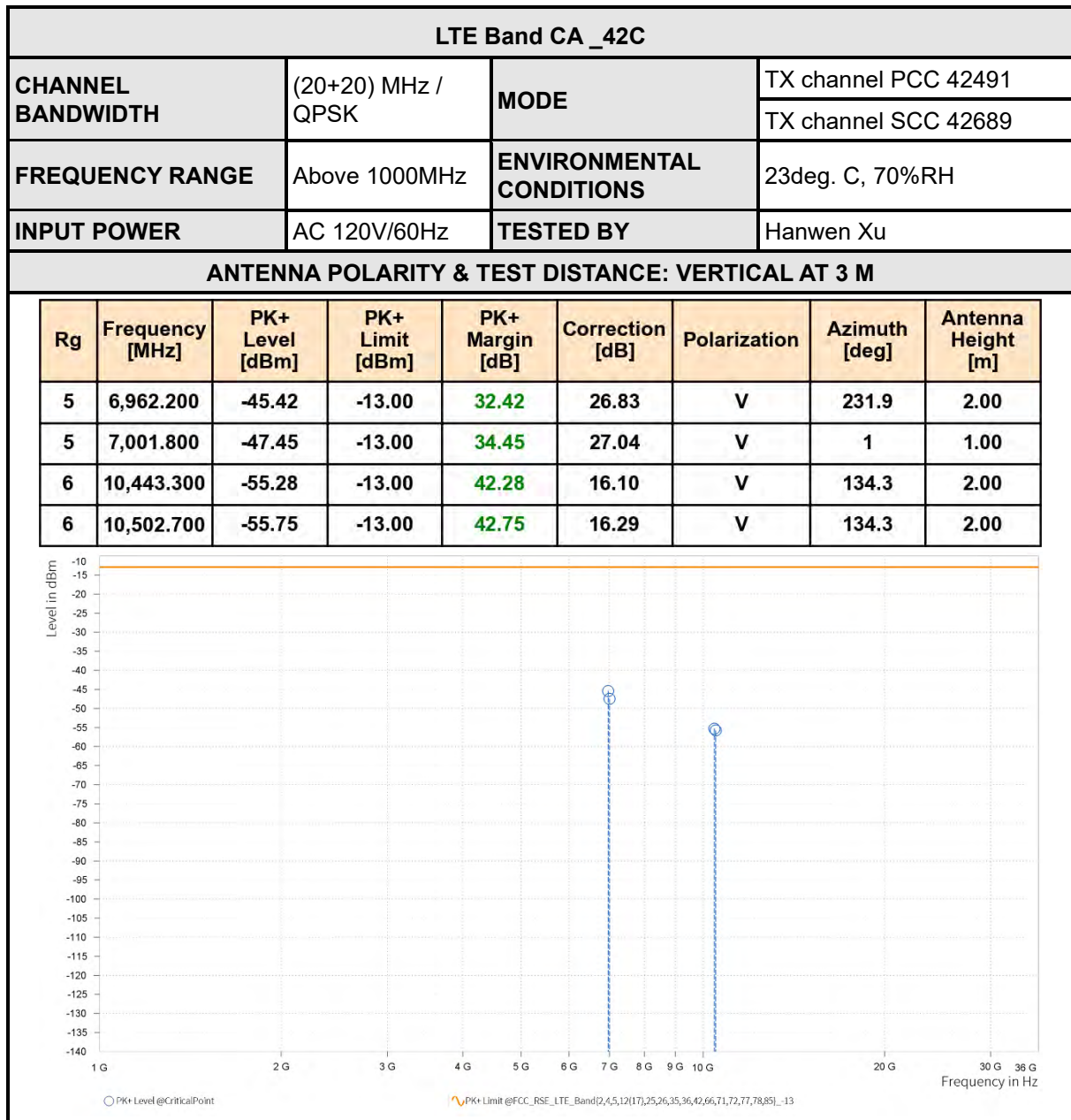










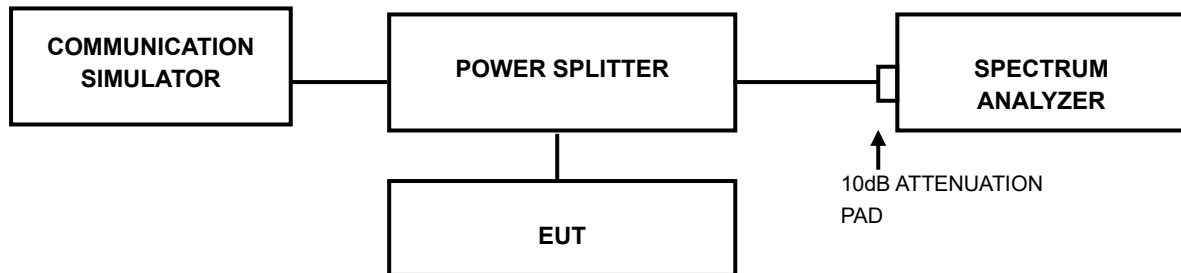


3.7 PEAK TO AVERAGE RATIO

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

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

WCDMA IV

PEAK-TO-AVERAGE RATIO

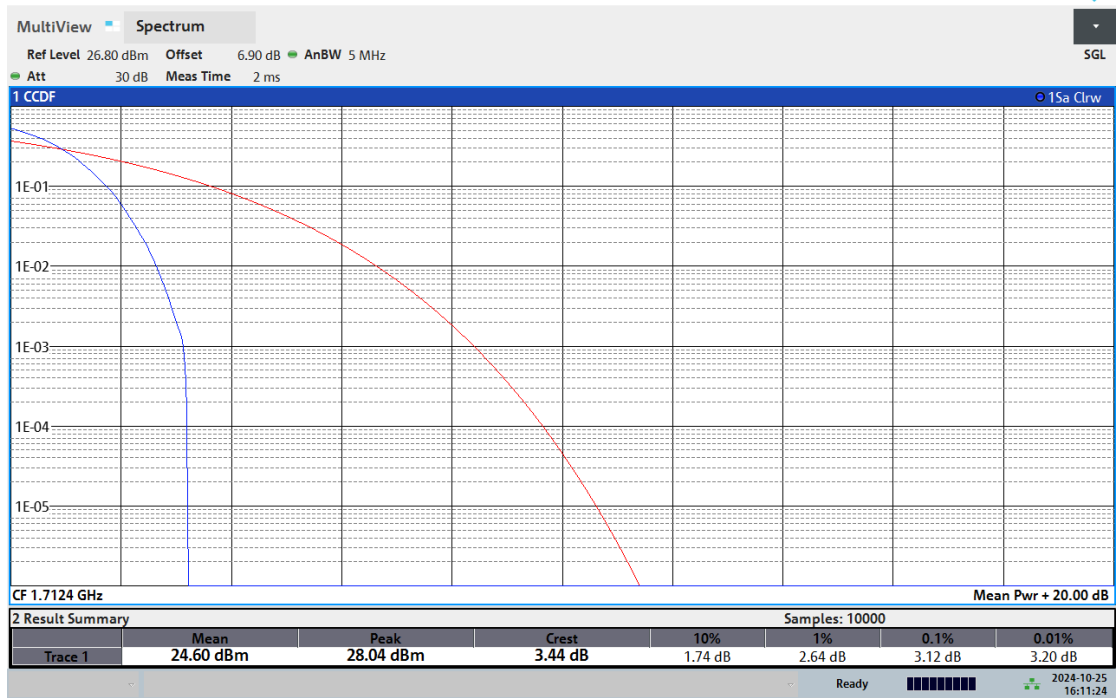
Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band4	1312	3.12	13	PASS
Band4	1413	3.10	13	PASS
Band4	1513	3.26	13	PASS

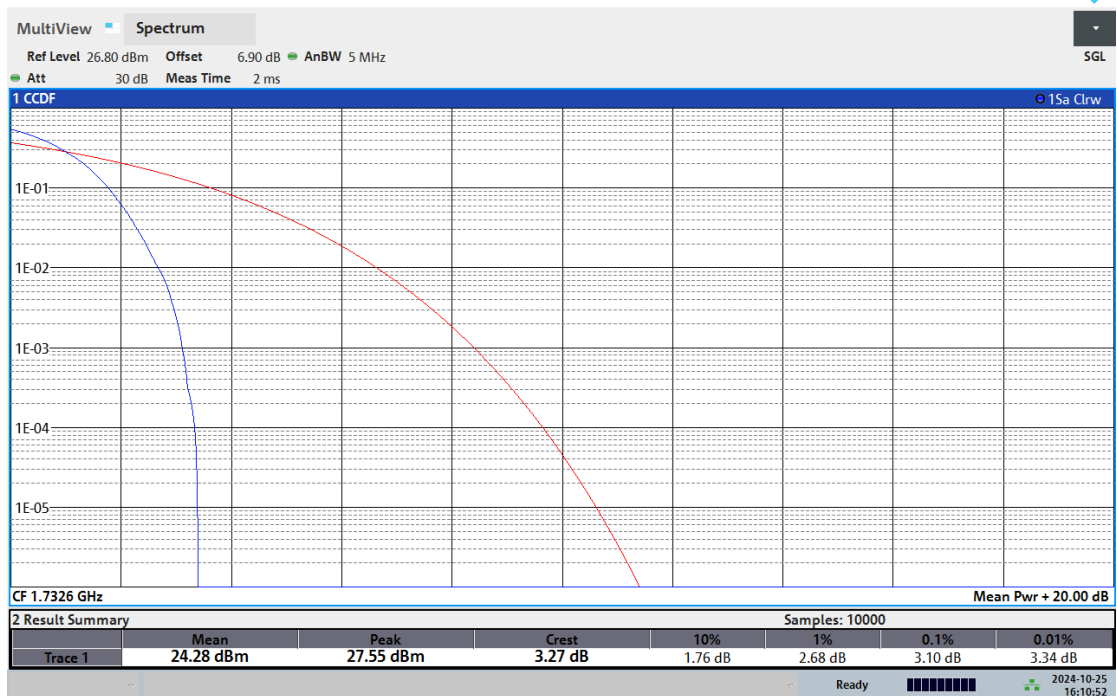


Test Graphs

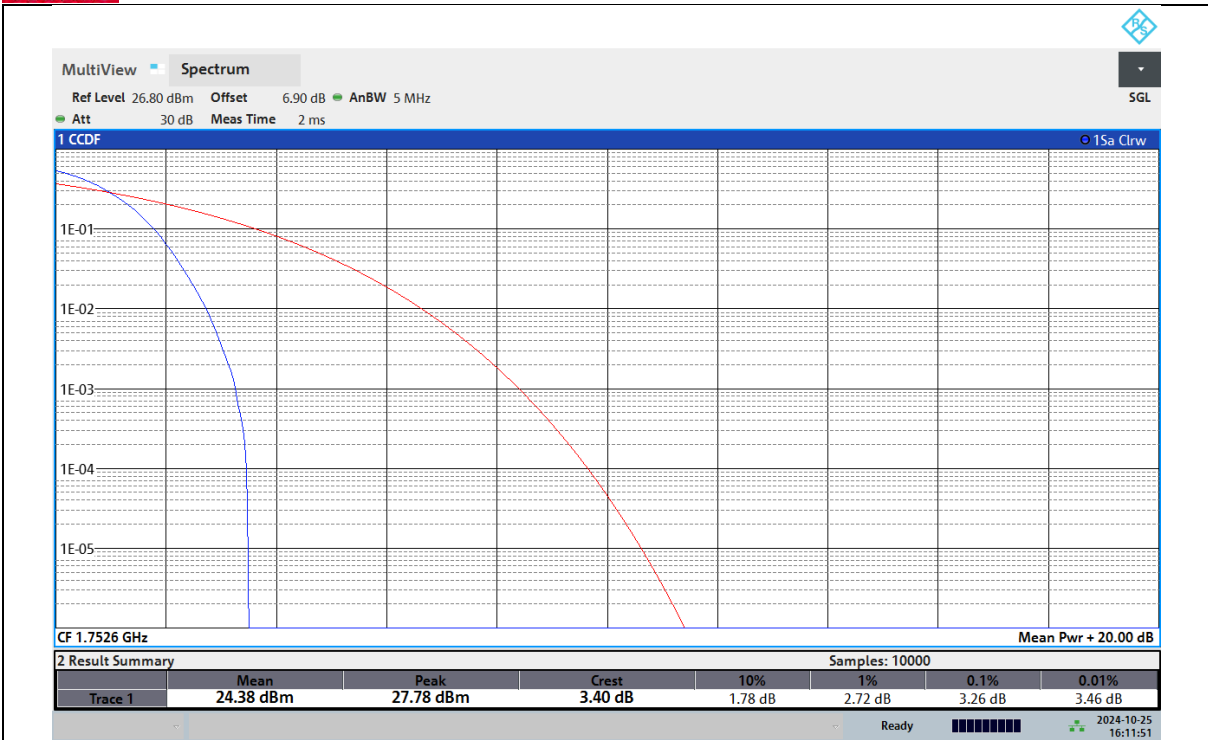
Band4-1312



Band4-1413



Band4-1513



26DB BANDWIDTH AND OCCUPIED BANDWIDTH

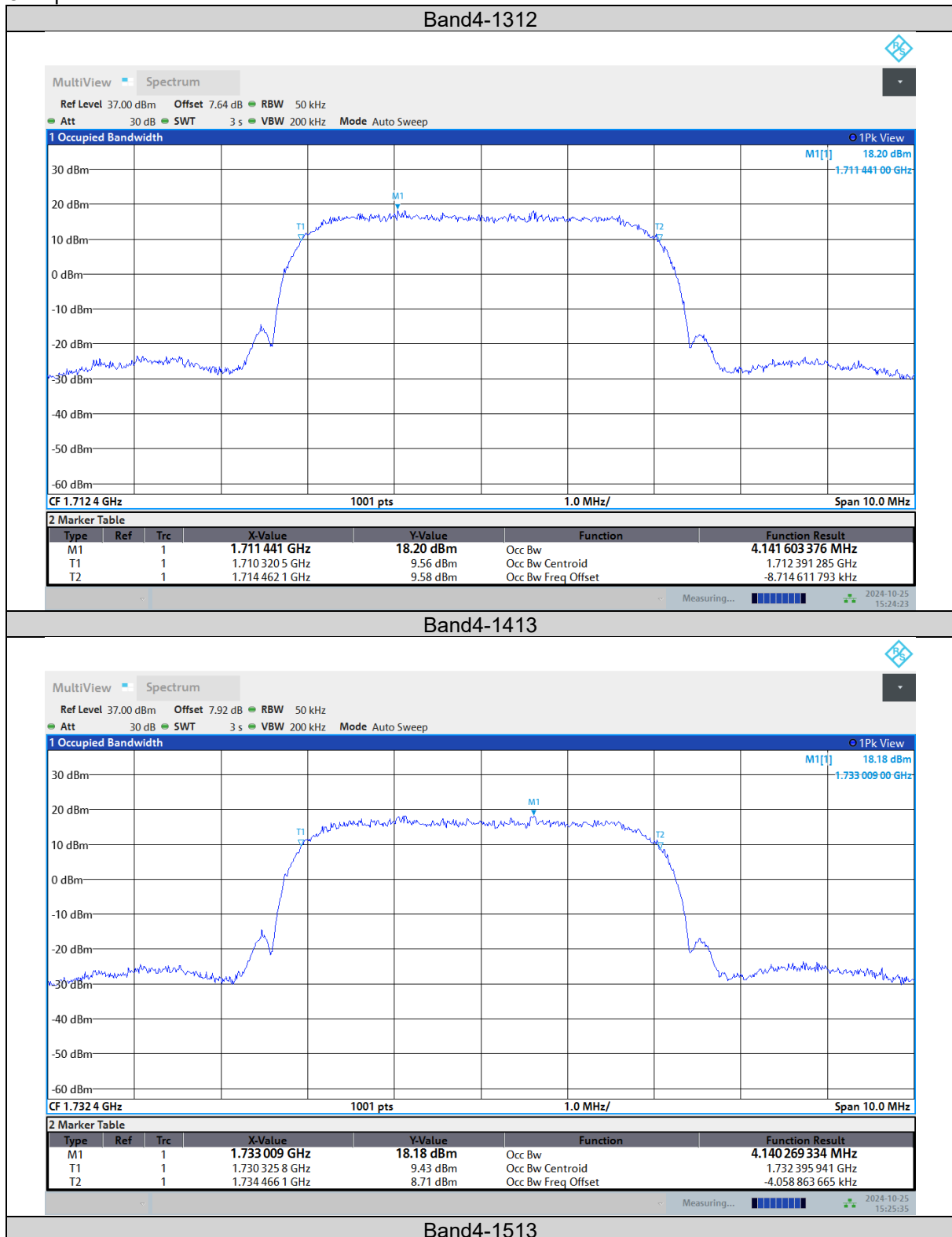
Test Result

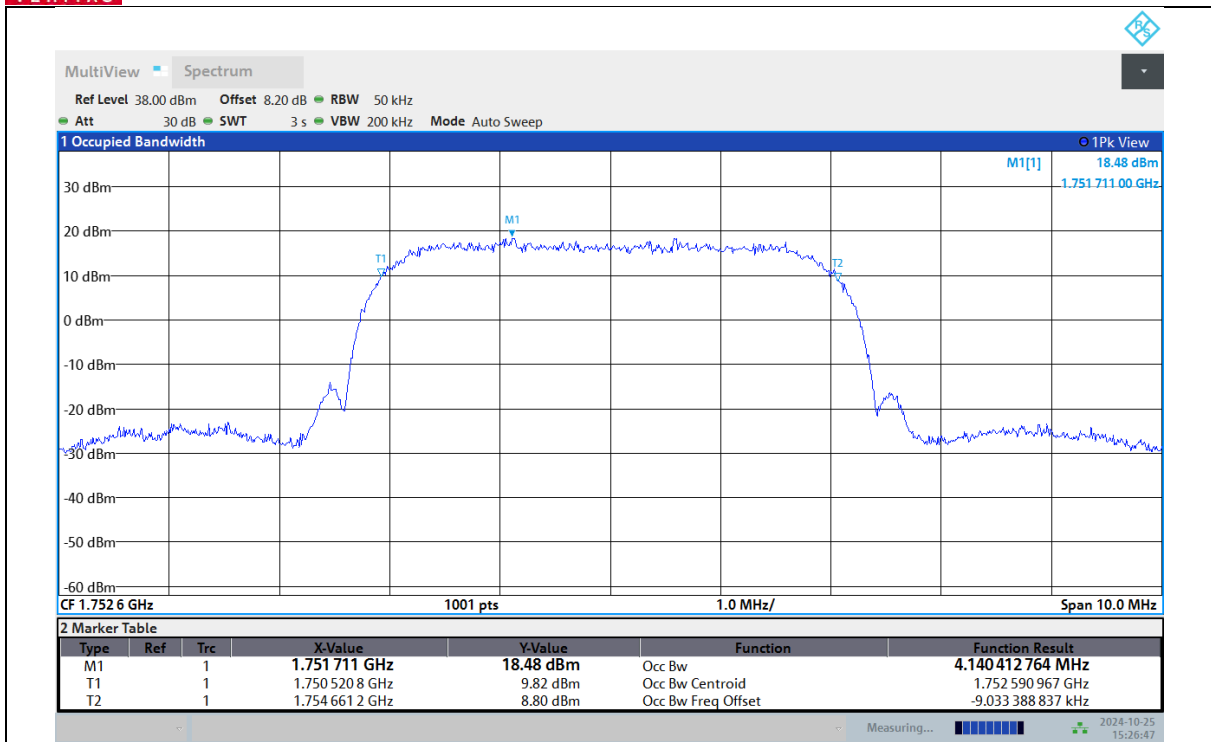
Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1312	4.142	4.67	PASS
Band4	1413	4.140	4.66	PASS
Band4	1513	4.140	4.66	PASS



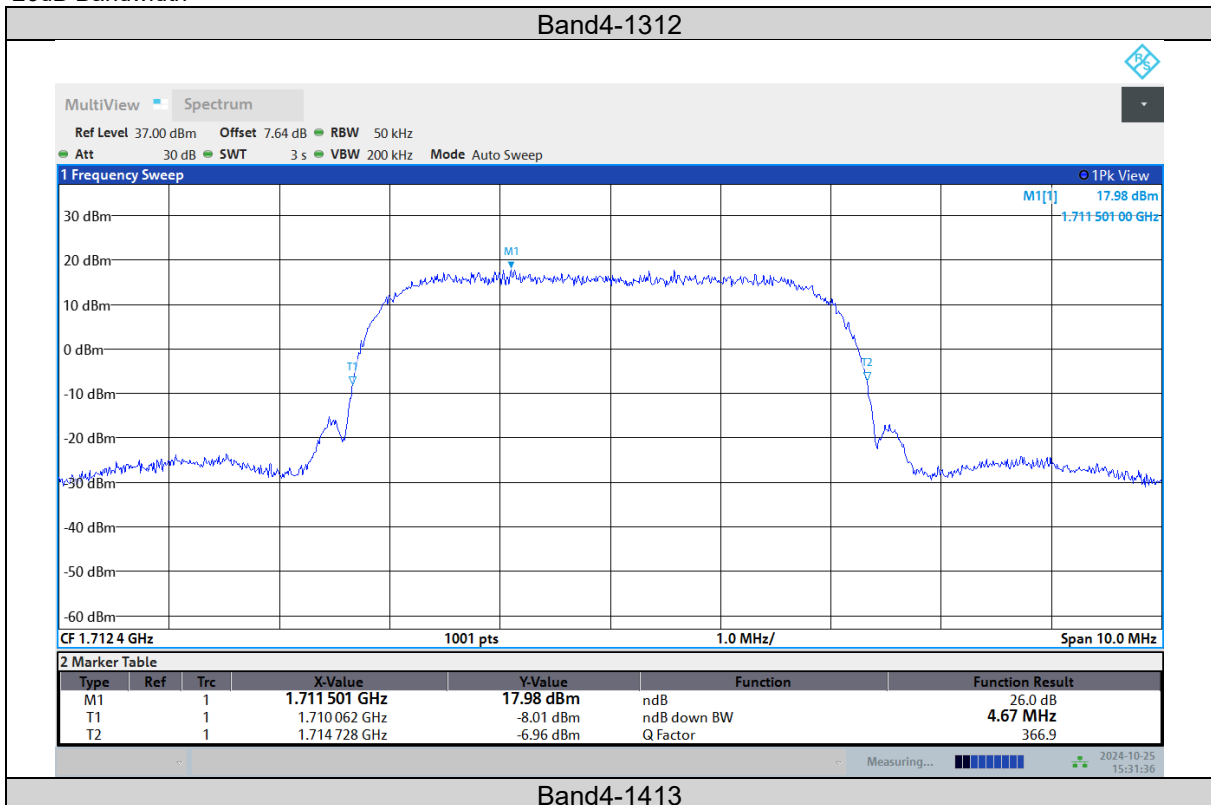
BUREAU VERITAS Test Report No.: PSU-QBJ2409140110RF03
Test Graphs

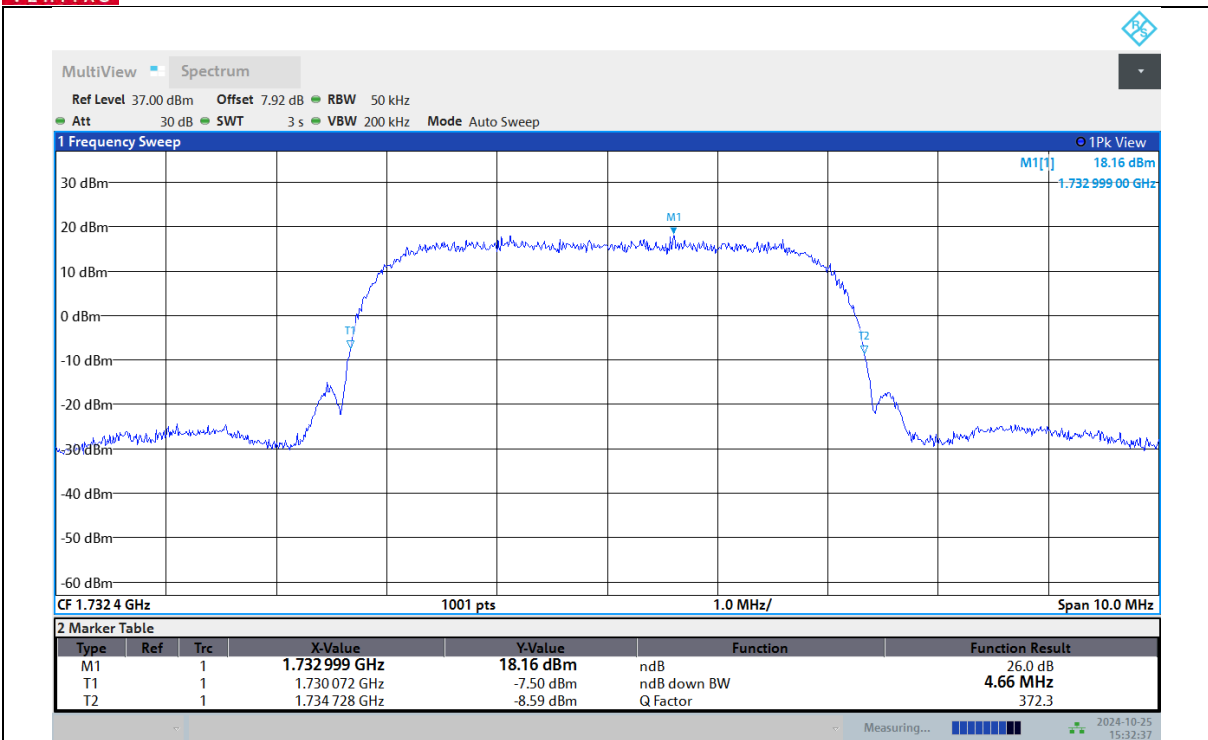
Occupied Bandwidth



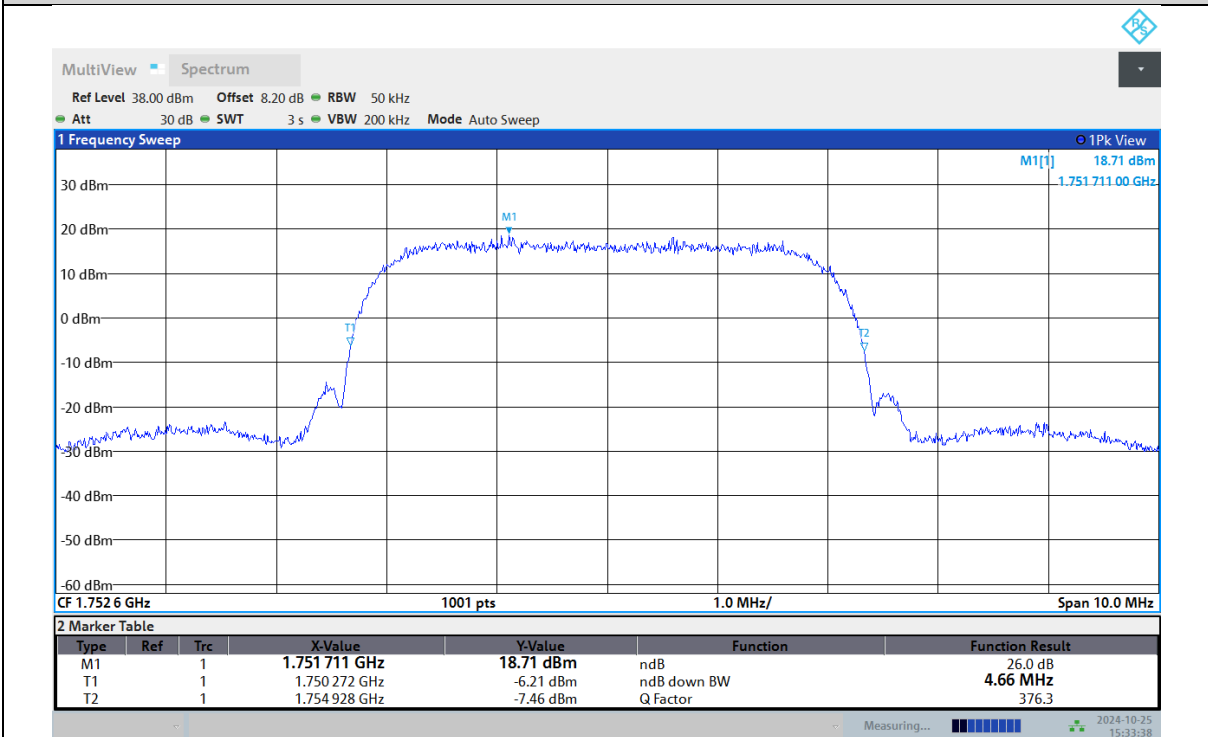


26dB Bandwidth





Band4-1513



BAND EDGE

Test Result

Band	Channel	Result (dBm)	Limit(dBm)	Verdict
Band4	1312	See Graph	-13	PASS
Band4	1513	See Graph	-13	PASS



Test Graphs





BUREAU VERITAS Test Report No.: PSU-QBJ2409140110RF03

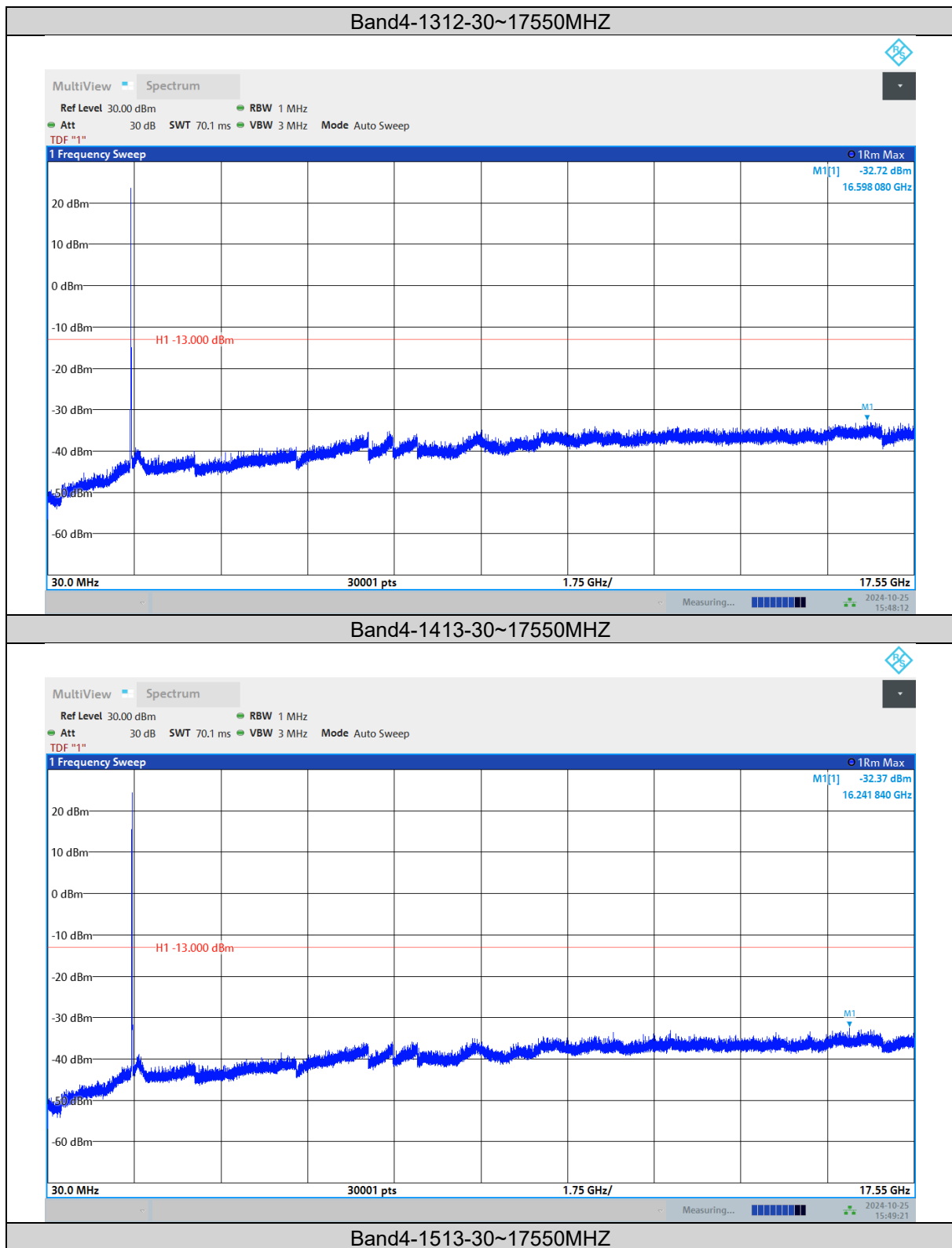
CONDUCTED SPURIOUS EMISSION

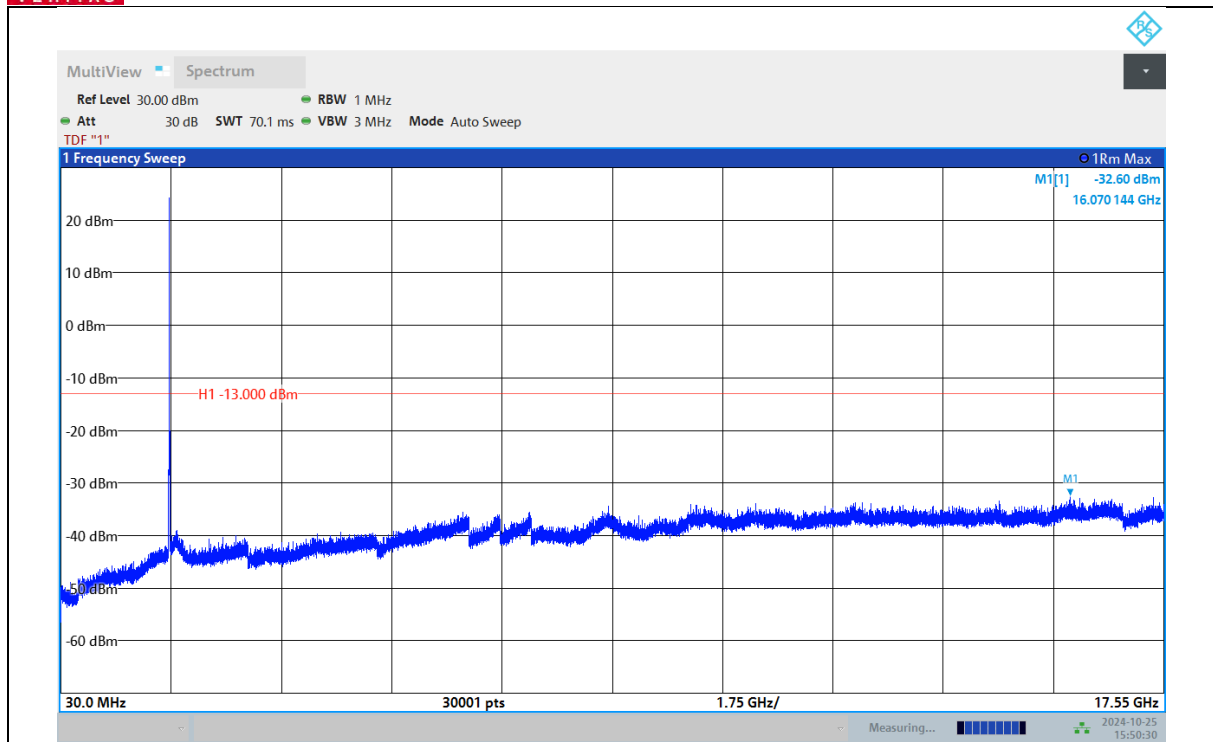
Test Result

Band	Channel	Frequency Range (Mhz)	Result (dBm)	Limit (dBm)	Verdict
Band4	1312	30~17550MHZ	See Graph	-13	PASS
Band4	1413	30~17550MHZ	See Graph	-13	PASS
Band4	1513	30~17550MHZ	See Graph	-13	PASS



Test Graphs





FREQUENCY STABILITY

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	VL	NT	-1.54	-0.0009	±2.5	PASS
Band4	1312	VN	NT	-0.53	-0.0003	±2.5	PASS
Band4	1312	VH	NT	-0.95	-0.0006	±2.5	PASS
Band4	1413	VL	NT	0.77	0.0004	±2.5	PASS
Band4	1413	VN	NT	-2.59	-0.0015	±2.5	PASS
Band4	1413	VH	NT	8.88	0.0051	±2.5	PASS
Band4	1513	VL	NT	6.02	0.0034	±2.5	PASS
Band4	1513	VN	NT	3.00	0.0017	±2.5	PASS
Band4	1513	VH	NT	6.07	0.0034	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1312	NV	-30	2.18	0.0013	±2.5	PASS
Band4	1312	NV	-20	-0.77	0.0009	±2.5	PASS
Band4	1312	NV	0	2.83	0.0017	±2.5	PASS
Band4	1312	NV	-10	1.13	0.0007	±2.5	PASS
Band4	1312	NV	10	5.61	0.0033	±2.5	PASS
Band4	1312	NV	20	-5.75	-0.0034	±2.5	PASS
Band4	1312	NV	30	-6.02	-0.0035	±2.5	PASS
Band4	1312	NV	40	3.14	0.0018	±2.5	PASS
Band4	1312	NV	50	-4.01	-0.0023	±2.5	PASS
Band4	1413	NV	-30	-2.87	-0.0016	±2.5	PASS
Band4	1413	NV	-20	3.18	0.0018	±2.5	PASS
Band4	1413	NV	-10	-5.51	-0.0032	±2.5	PASS
Band4	1413	NV	0	5.19	0.0030	±2.5	PASS
Band4	1413	NV	10	9.95	0.0057	±2.5	PASS
Band4	1413	NV	20	3.35	0.0019	±2.5	PASS
Band4	1413	NV	30	-9.17	-0.0052	±2.5	PASS
Band4	1413	NV	40	-6.61	-0.0038	±2.5	PASS
Band4	1413	NV	50	-0.53	-0.0003	±2.5	PASS
Band4	1513	NV	-30	-8.12	-0.0046	±2.5	PASS
Band4	1513	NV	-20	-0.58	-0.0003	±2.5	PASS
Band4	1513	NV	-10	-9.73	-0.0055	±2.5	PASS
Band4	1513	NV	0	5.47	0.0031	±2.5	PASS
Band4	1513	NV	10	-4.55	-0.0026	±2.5	PASS
Band4	1513	NV	20	-7.43	-0.0042	±2.5	PASS
Band4	1513	NV	30	-2.31	-0.0013	±2.5	PASS
Band4	1513	NV	40	-8.13	-0.0046	±2.5	PASS
Band4	1513	NV	50	-0.07	0.0000	±2.5	PASS



PEAK-TO-AVERAGE RATIO(CCDF)

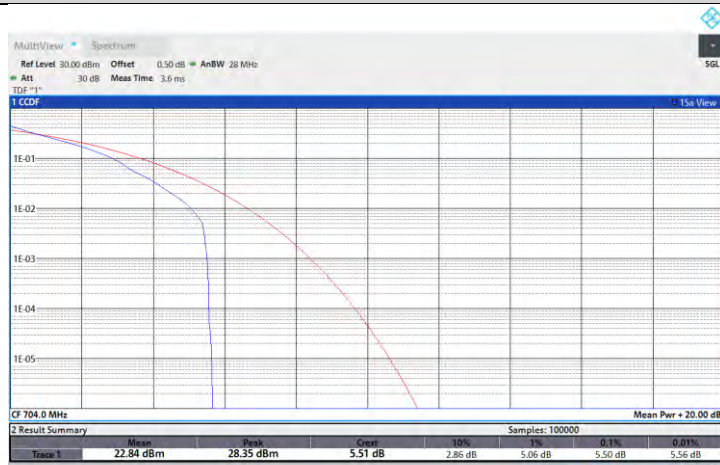
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	10MHz	QPSK	23060	1RB#0	5.50	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.50	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	5.42	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.52	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	5.54	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.62	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	6.00	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.14	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	6.20	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.06	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	6.36	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.10	13	PASS
Band12	10MHz	64QAM	23060	1RB#0	6.76	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.54	13	PASS
Band12	10MHz	64QAM	23095	1RB#0	7.02	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.48	13	PASS
Band12	10MHz	64QAM	23130	1RB#0	7.06	13	PASS
Band12	10MHz	64QAM	23130	1RB#0	6.48	13	PASS

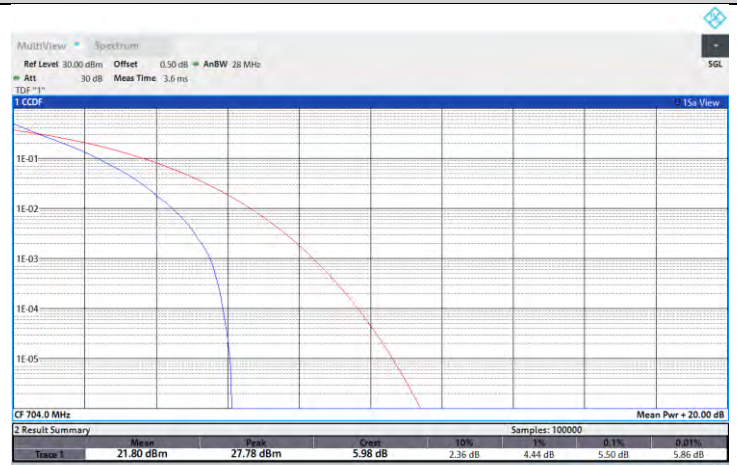


Test Graphs

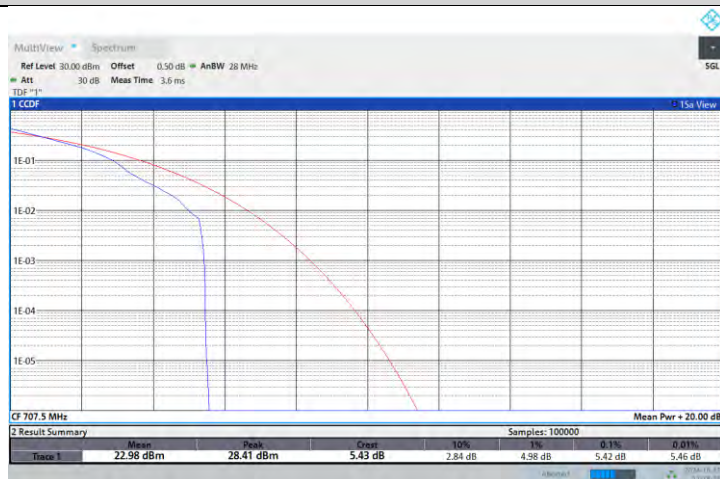
Band12-10MHz-QPSK-23060-1RB#0



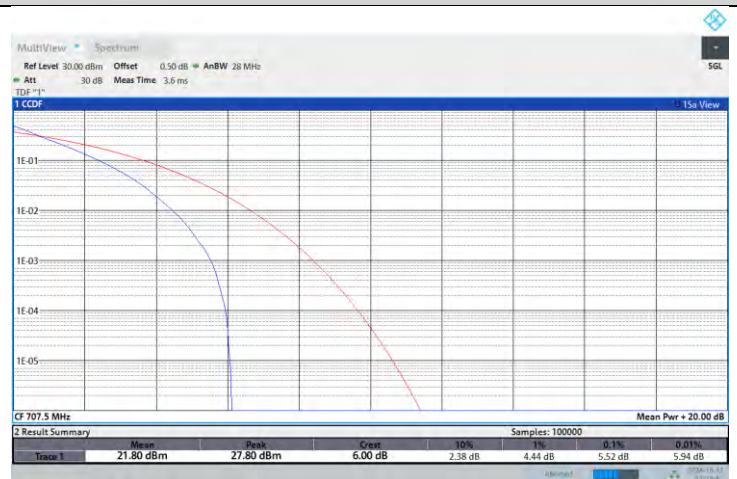
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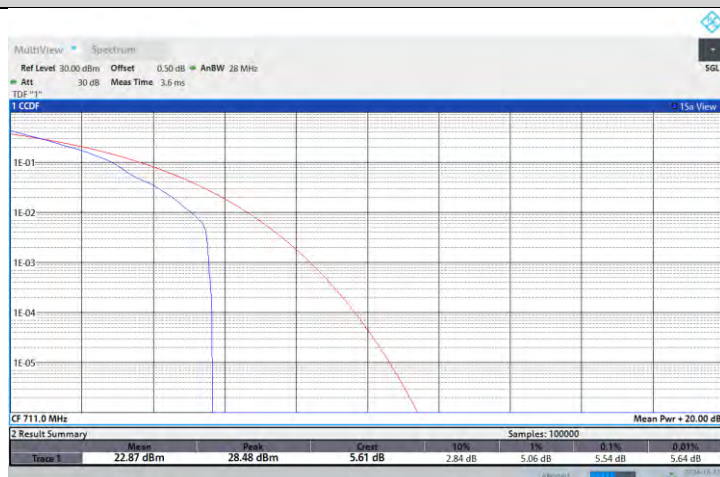
Band12-10MHz-QPSK-23095-1RB#0



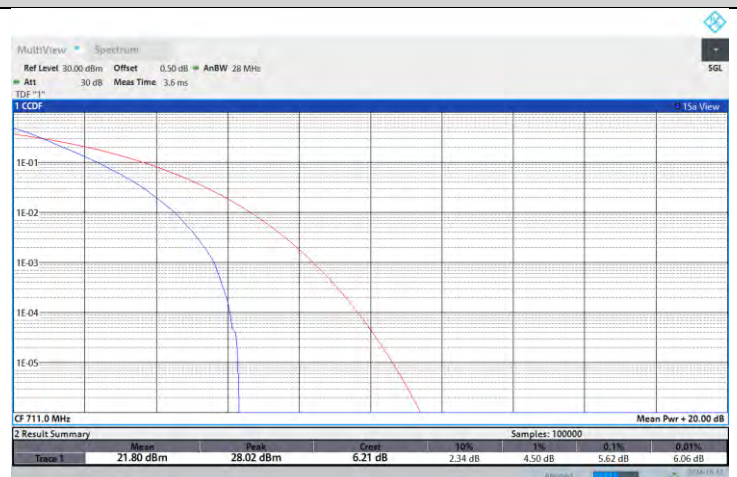
Band12-10MHz-QPSK-23095-6RB#0



Band12-10MHz-QPSK-23130-1RB#0



Band12-10MHz-QPSK-23130-6RB#0



Band12-10MHz-16QAM-23060-1RB#0

Band12-10MHz-16QAM-23060-6RB#0