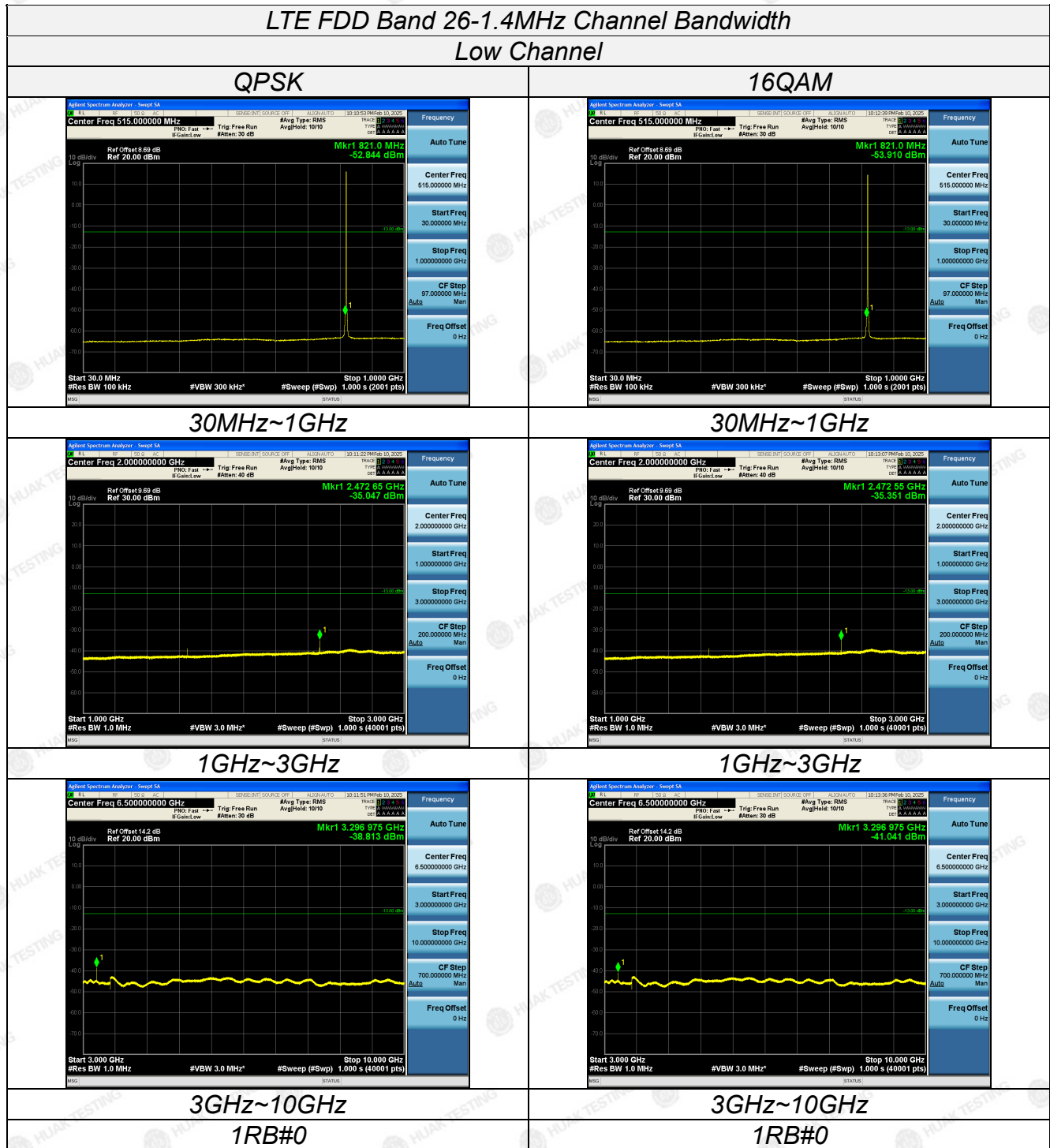
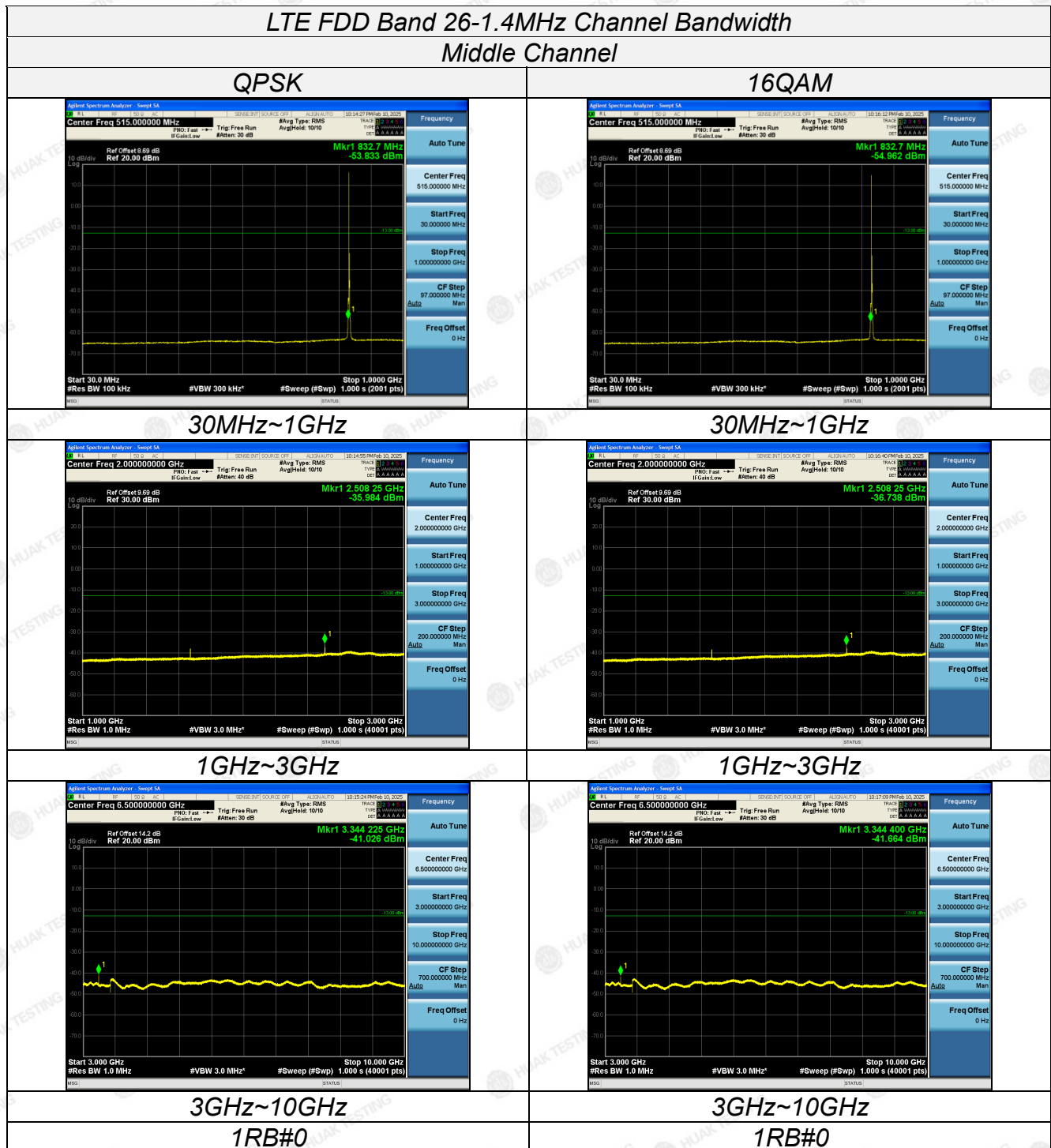
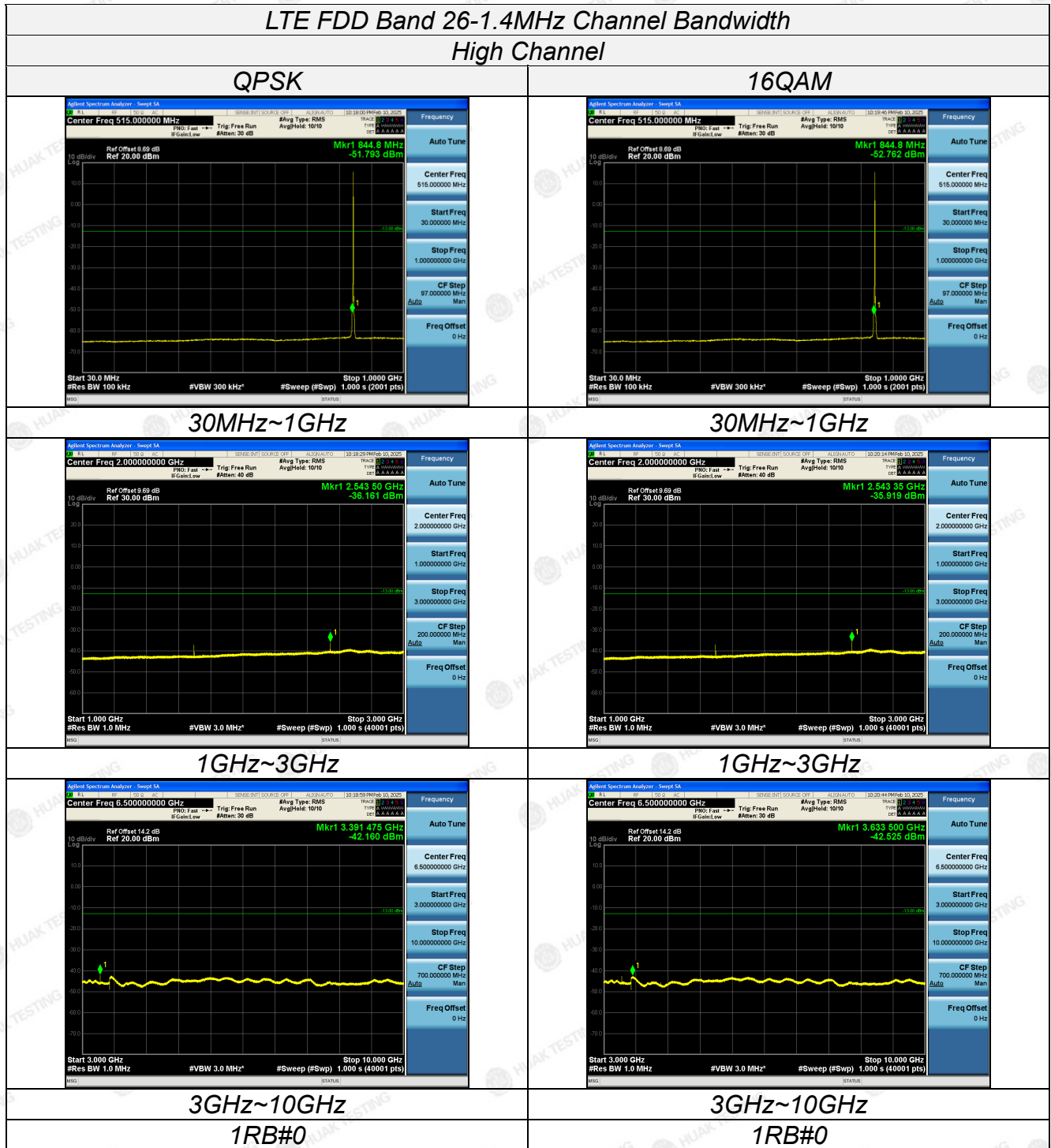




Conducted Measurement:



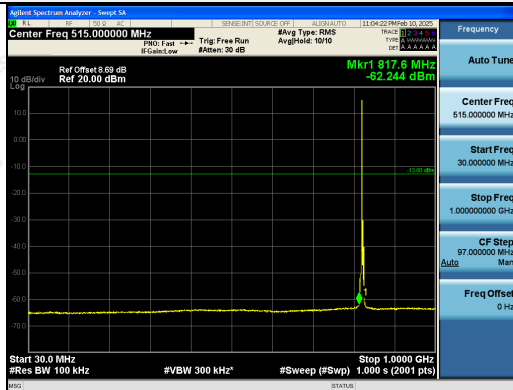




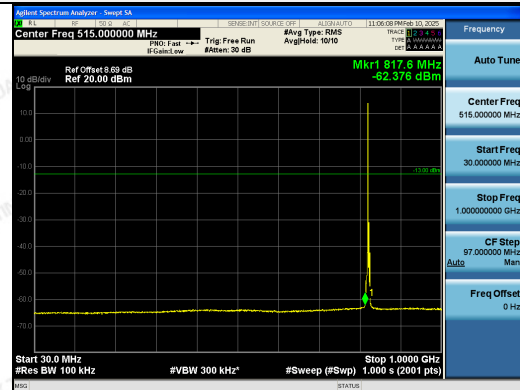


LTE FDD Band 26-3MHz Channel Bandwidth Low Channel

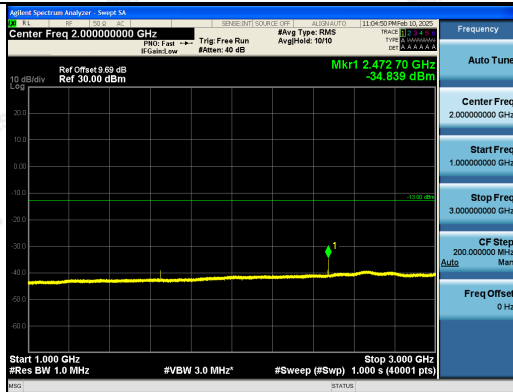
QPSK



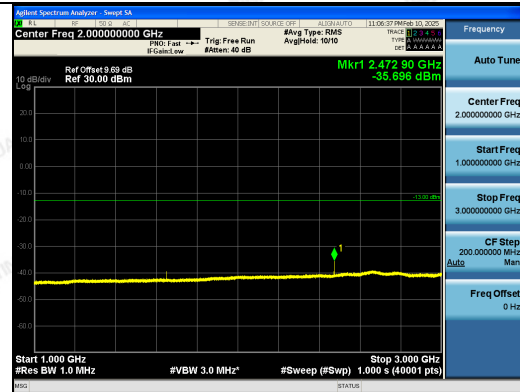
16QAM



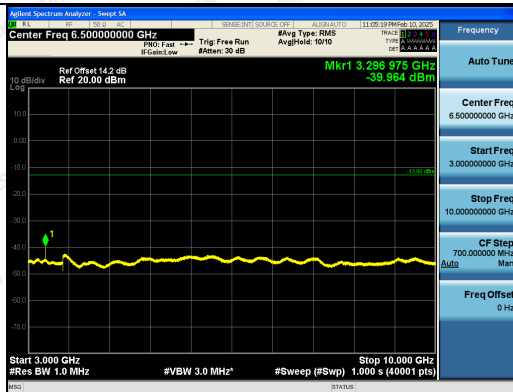
30MHz~1GHz



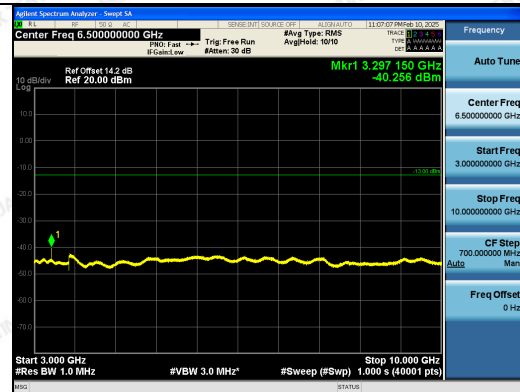
30MHz~1GHz



1GHz~3GHz



1GHz~3GHz

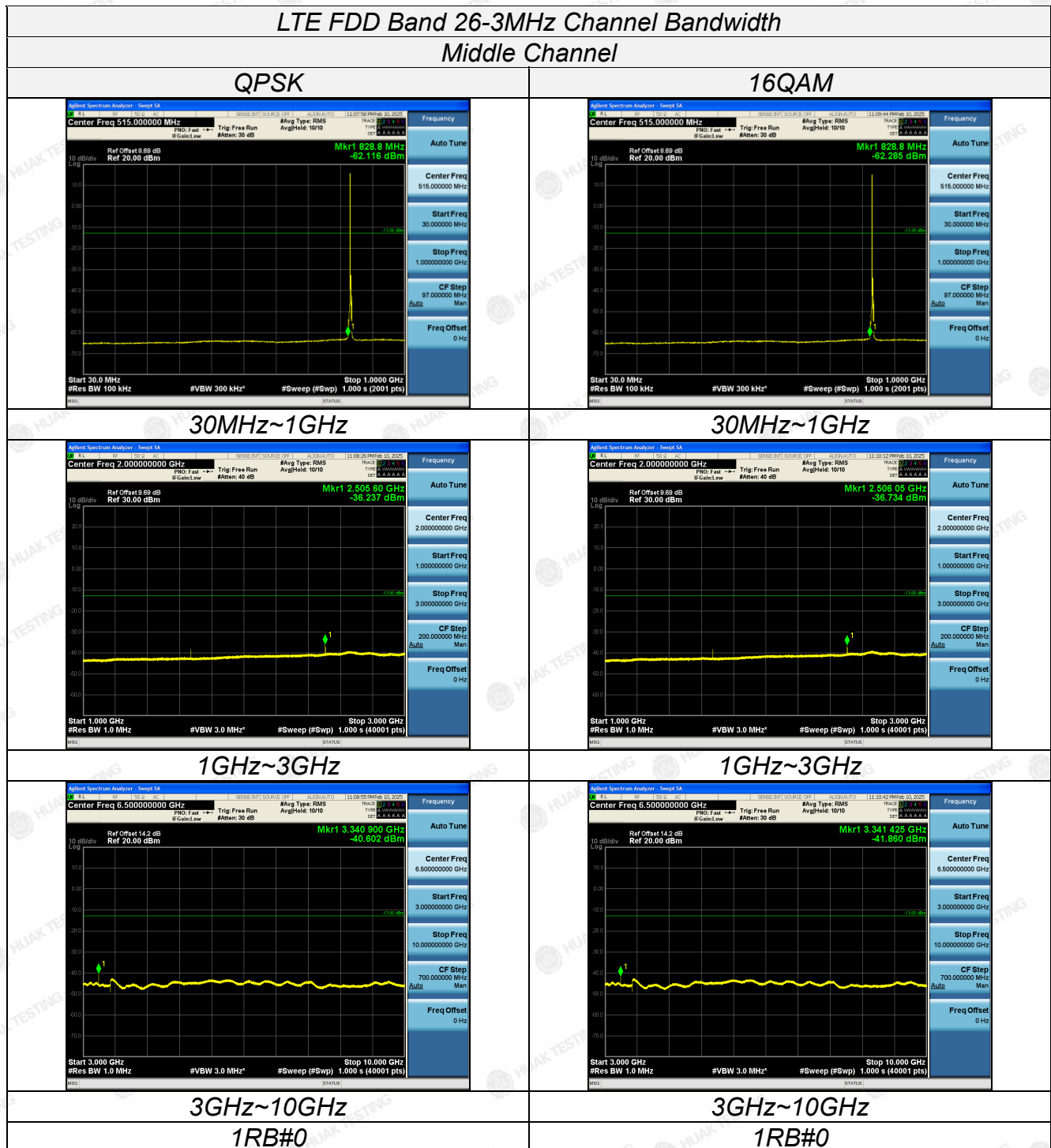


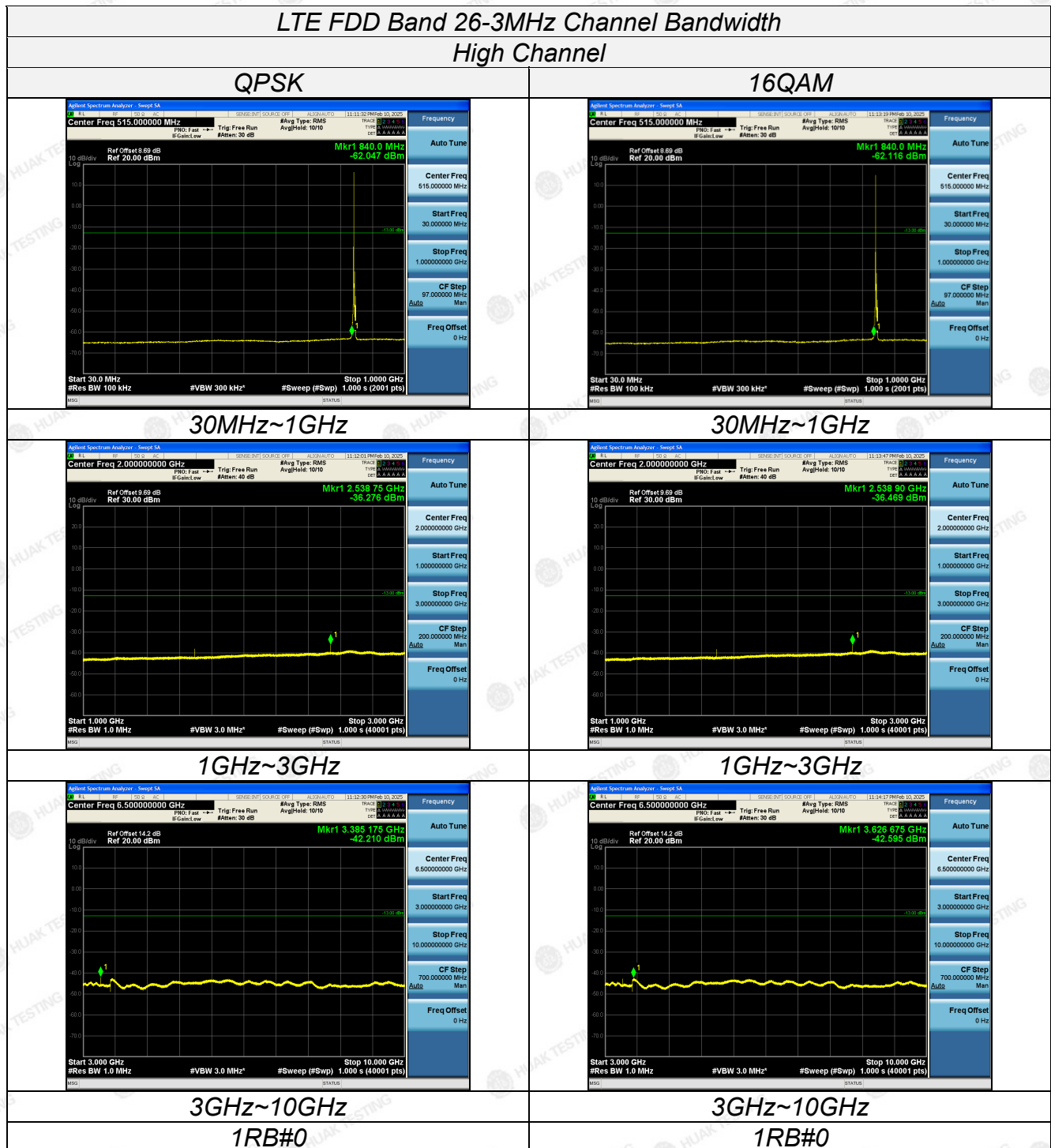
3GHz~10GHz

1RB#0

3GHz~10GHz

1RB#0

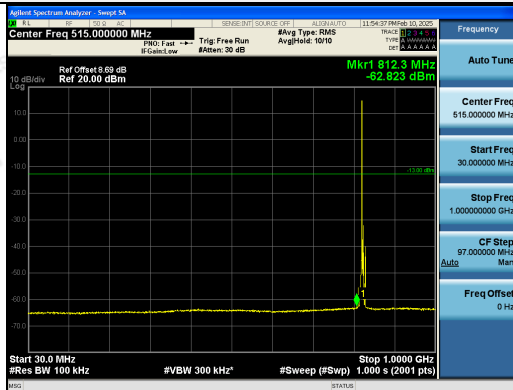




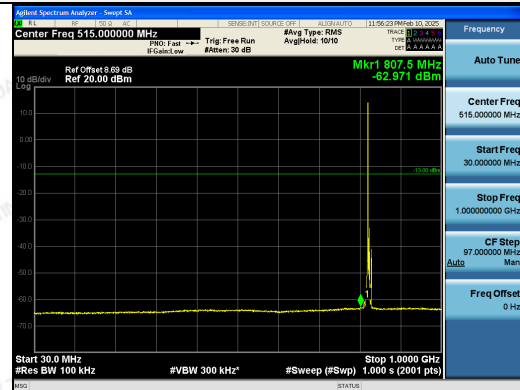


LTE FDD Band 26-5MHz Channel Bandwidth
Low Channel

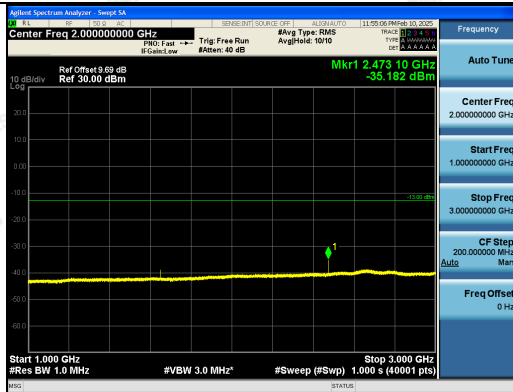
QPSK



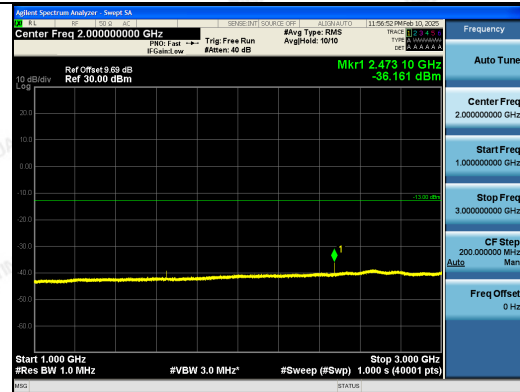
16QAM



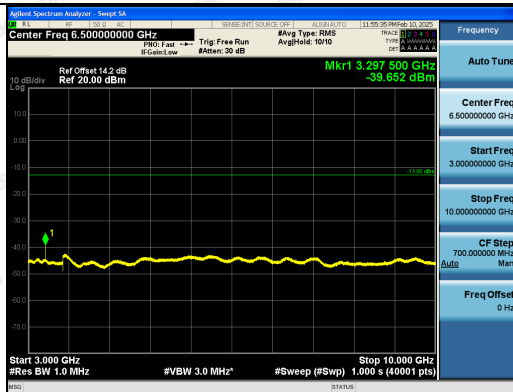
30MHz~1GHz



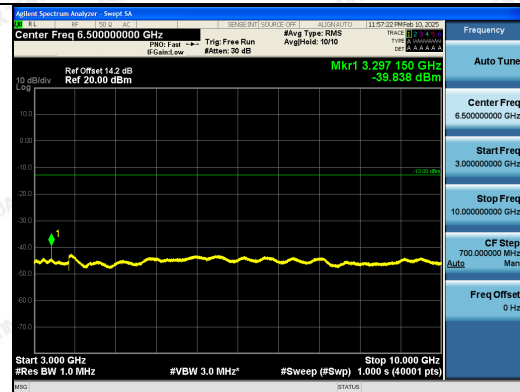
30MHz~1GHz



1GHz~3GHz



1GHz~3GHz

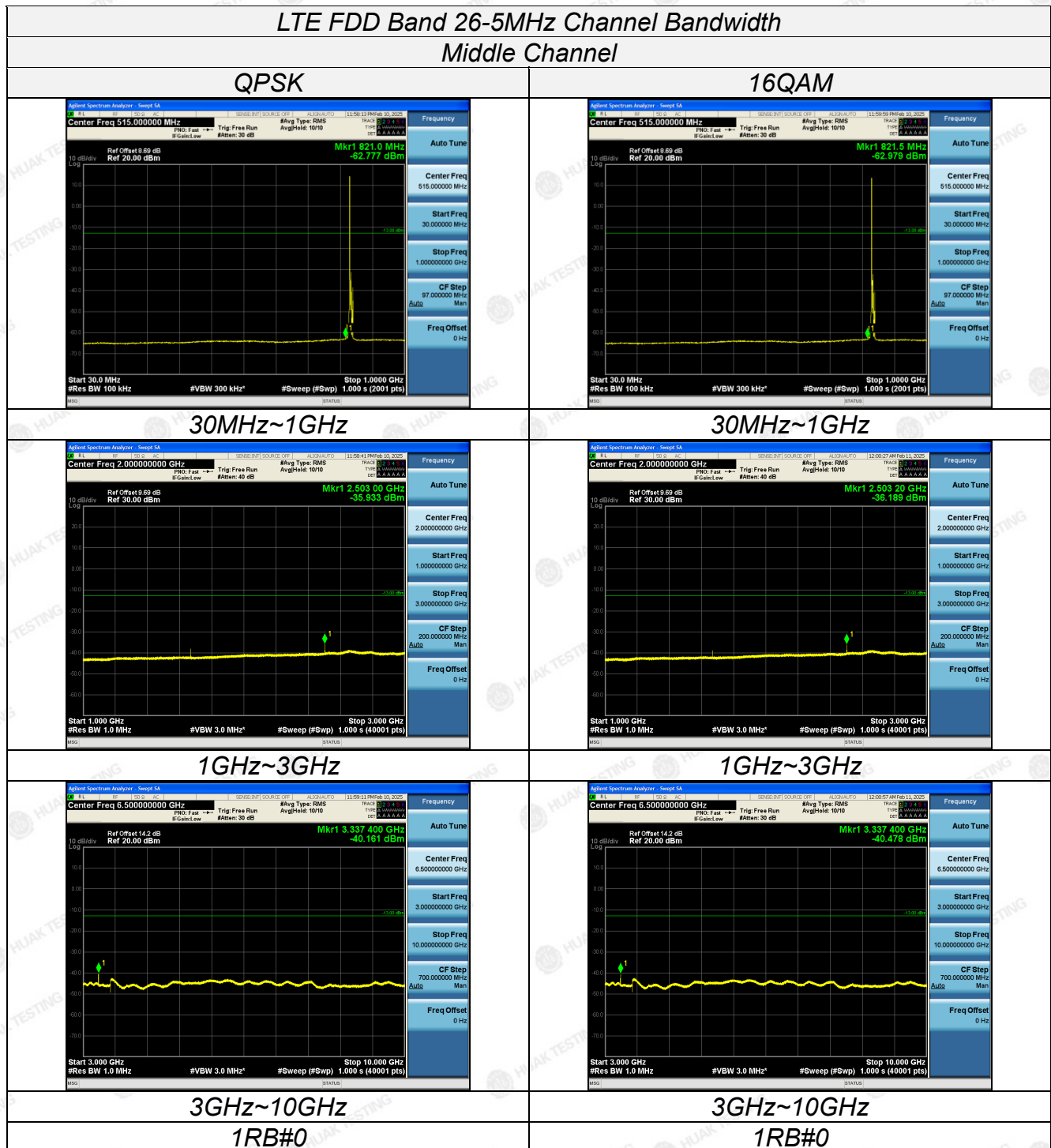


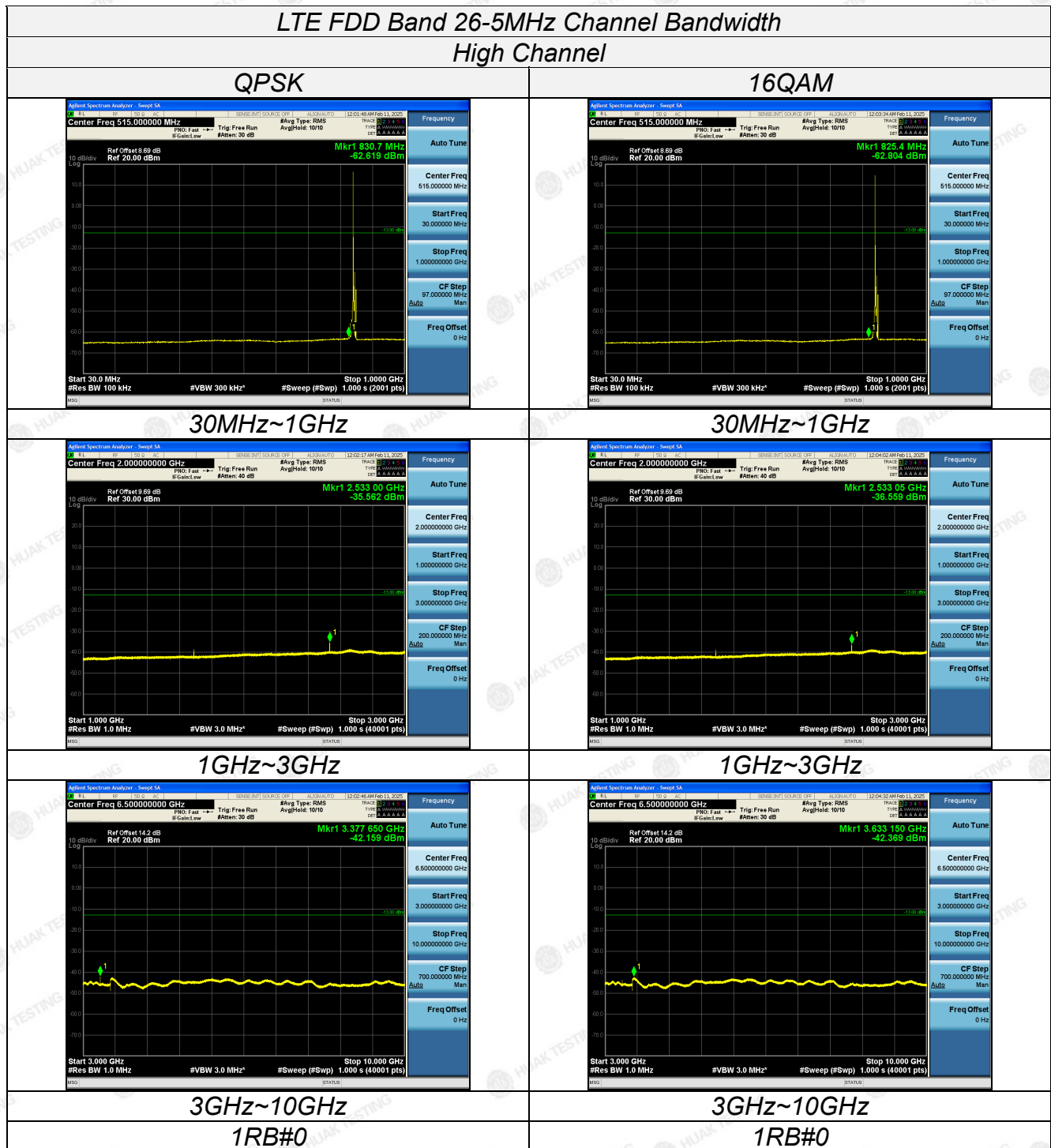
3GHz~10GHz

1RB#0

3GHz~10GHz

1RB#0





The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

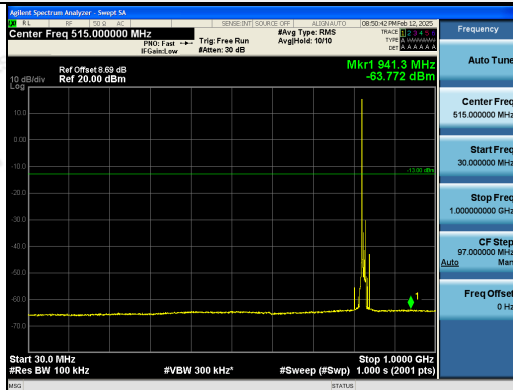
TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China

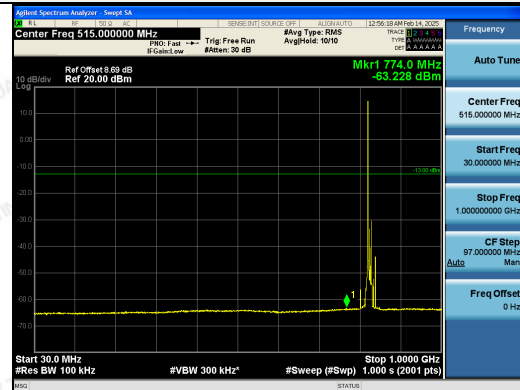


LTE FDD Band 26-10MHz Channel Bandwidth Low Channel

QPSK



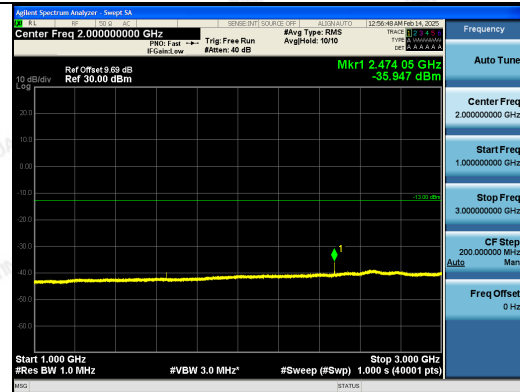
16QAM



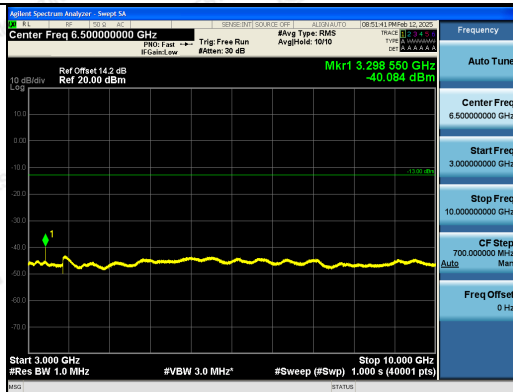
30MHz~1GHz



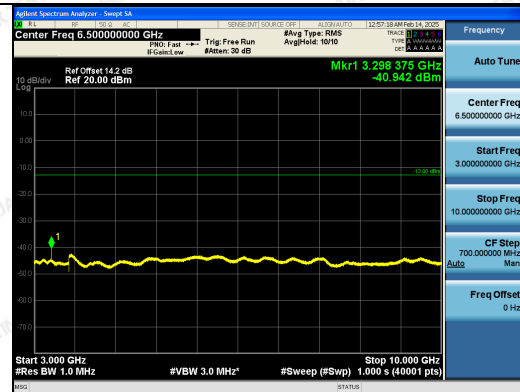
30MHz~1GHz



1GHz~3GHz



1GHz~3GHz

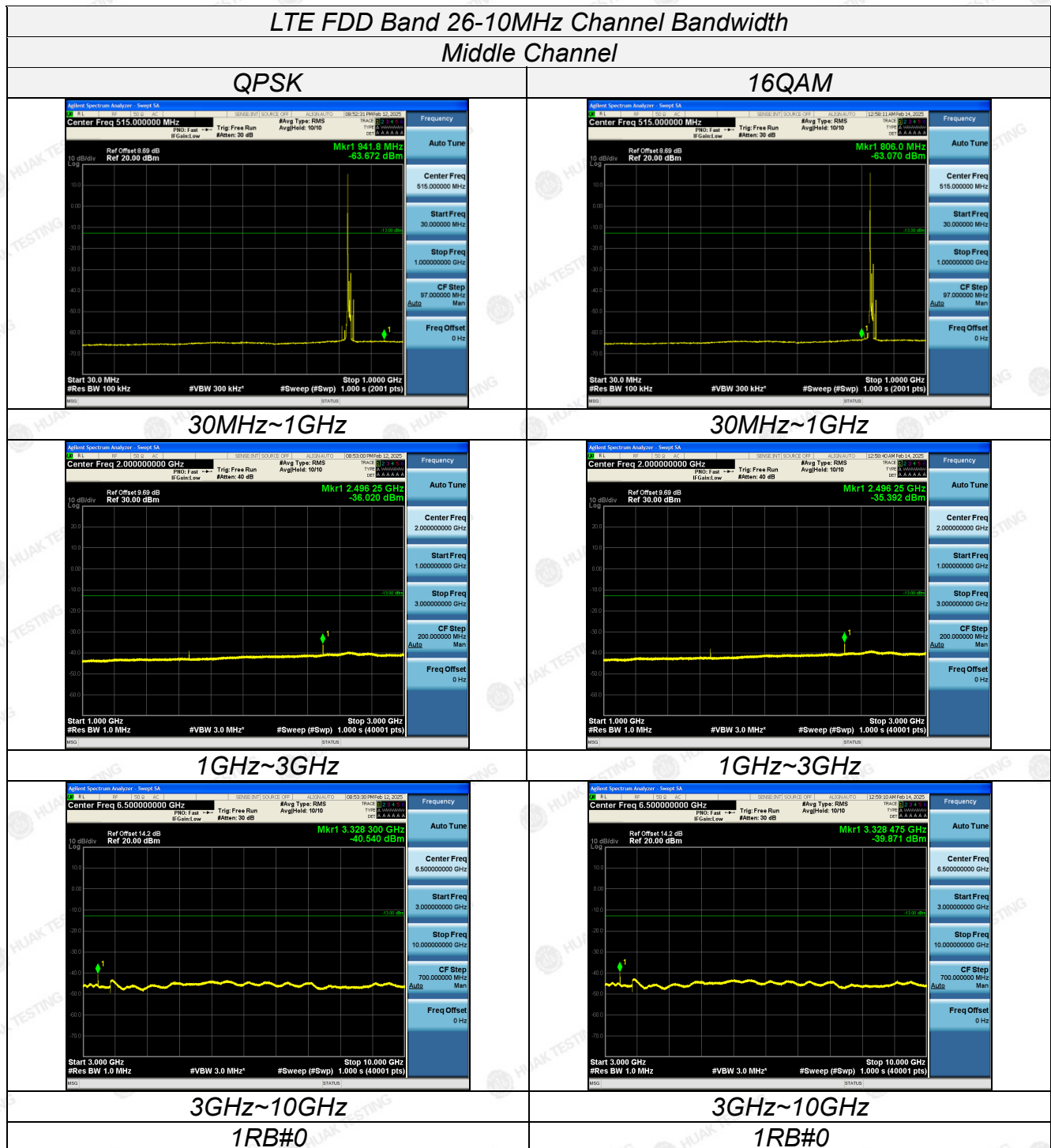


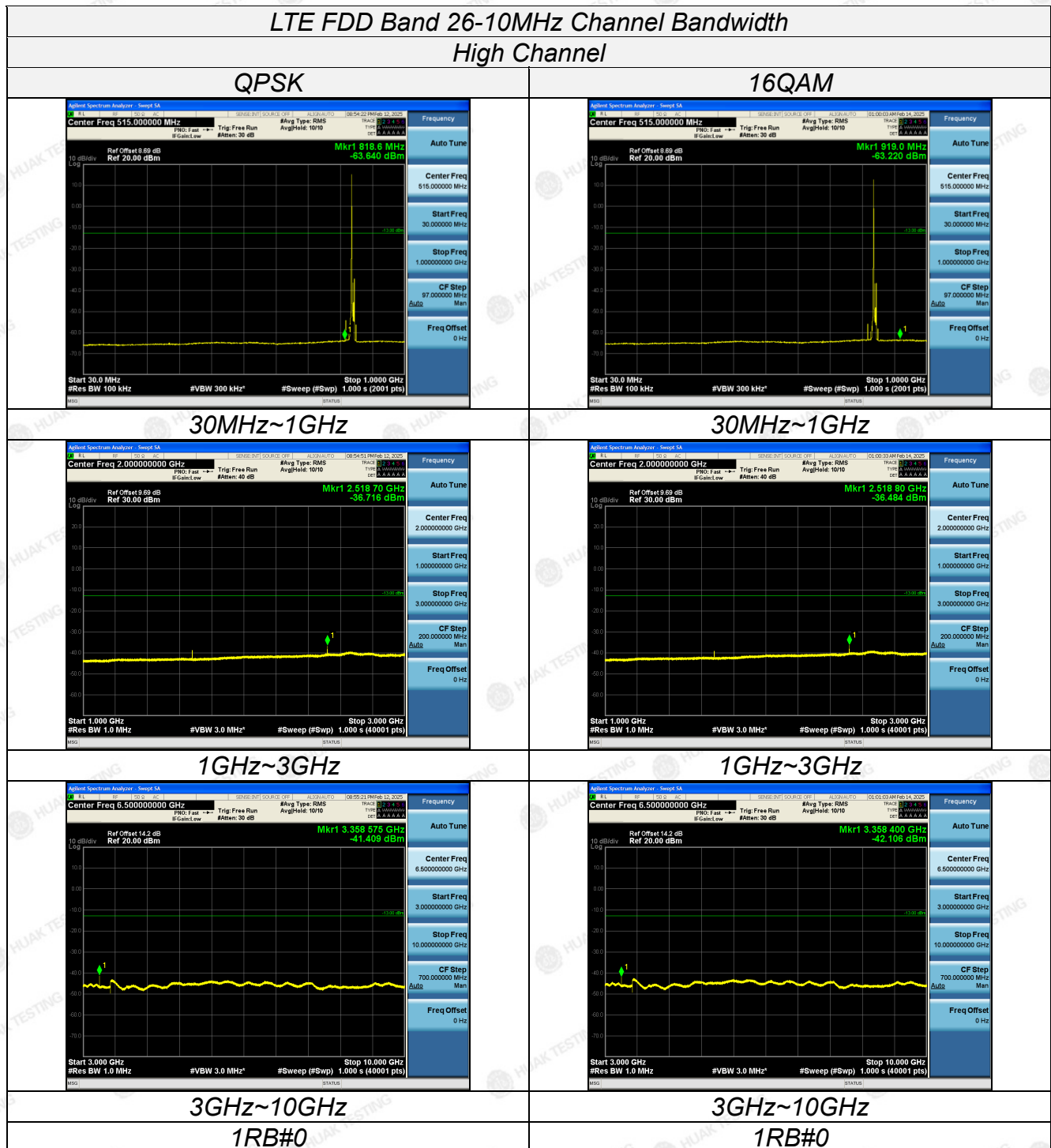
3GHz~10GHz

1RB#0

3GHz~10GHz

1RB#0



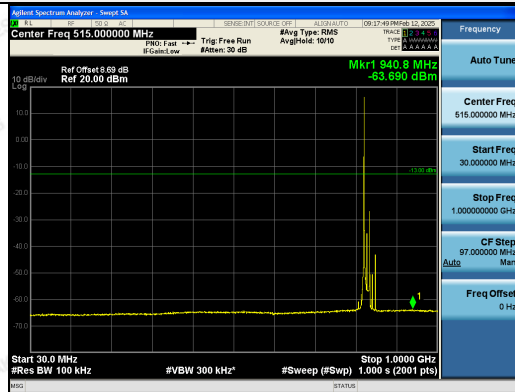




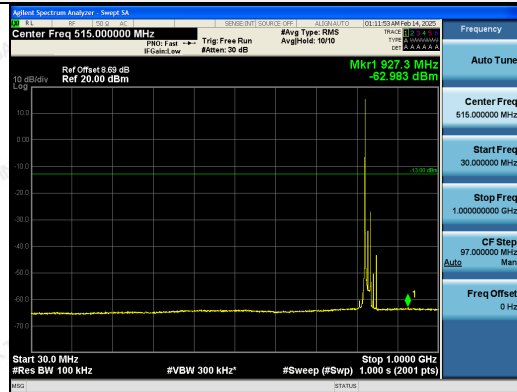
LTE FDD Band 26-15MHz Channel Bandwidth

Low Channel

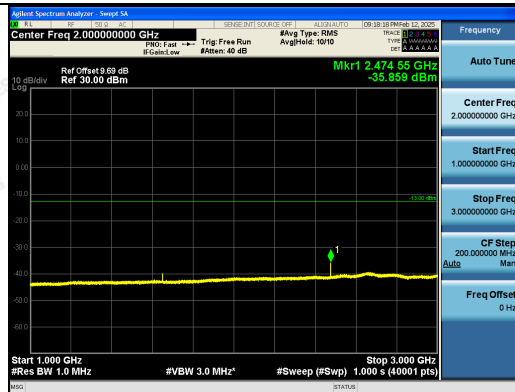
QPSK



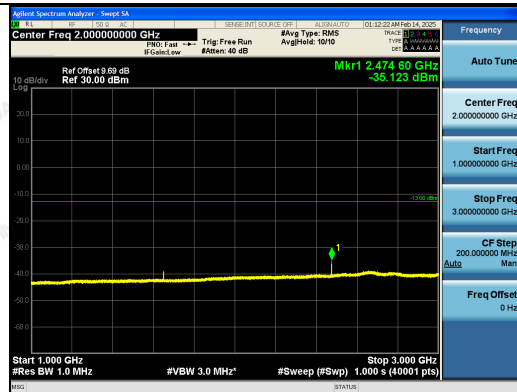
16QAM



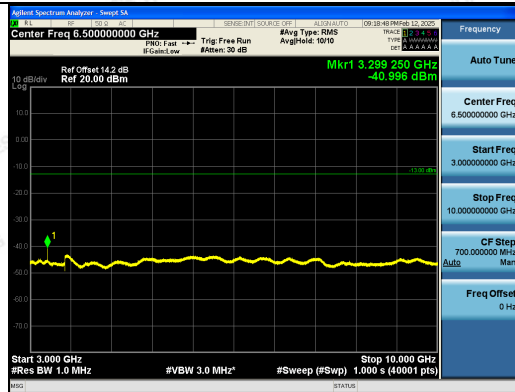
30MHz~1GHz



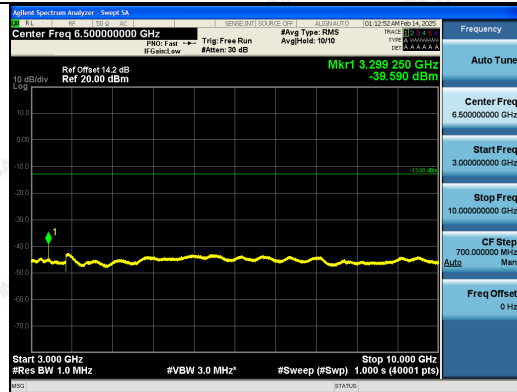
30MHz~1GHz



1GHz~3GHz



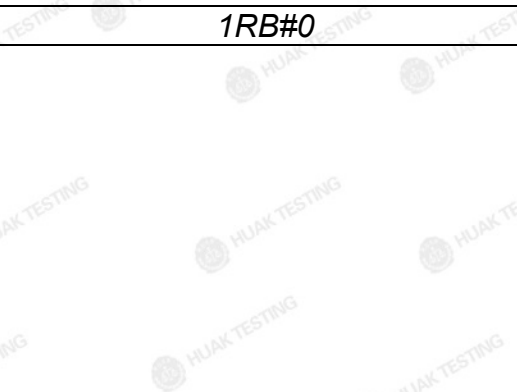
1GHz~3GHz



3GHz~10GHz



3GHz~10GHz



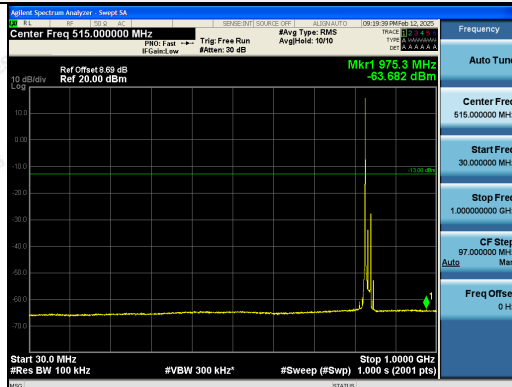
1RB#0

1RB#0

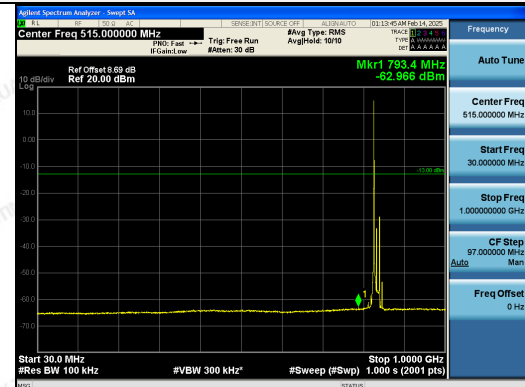


LTE FDD Band 26-15MHz Channel Bandwidth
Middle Channel

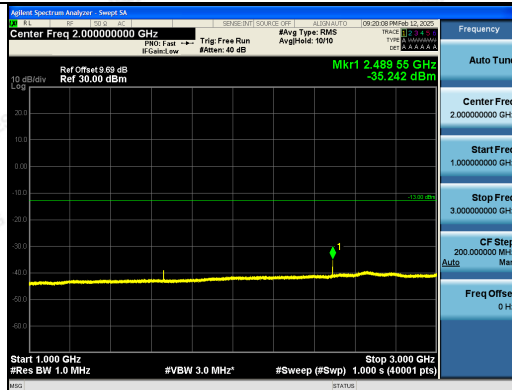
QPSK



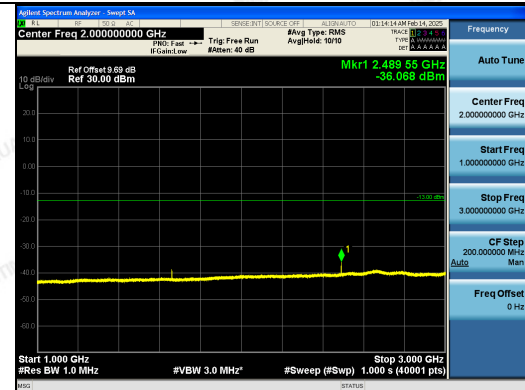
16QAM



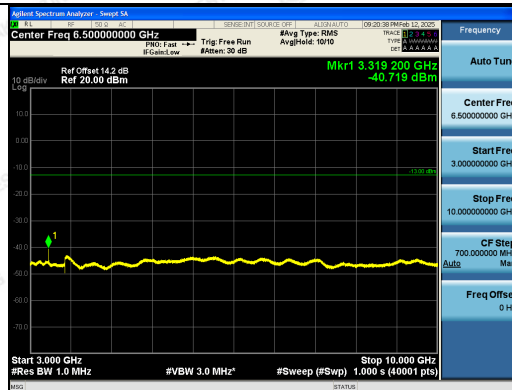
30MHz~1GHz



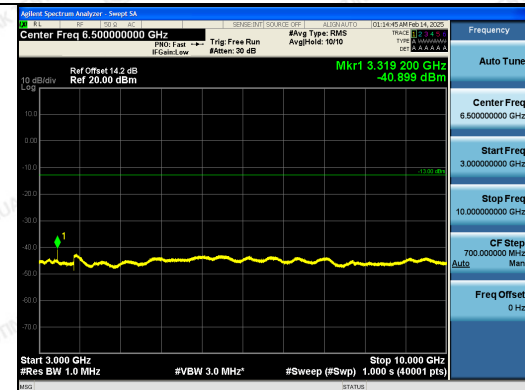
30MHz~1GHz



1GHz~3GHz



1GHz~3GHz



3GHz~10GHz

1RB#0

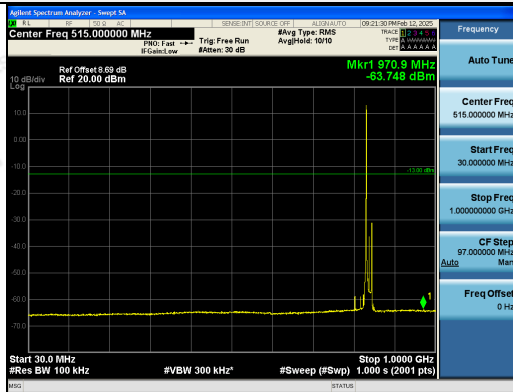
3GHz~10GHz

1RB#0

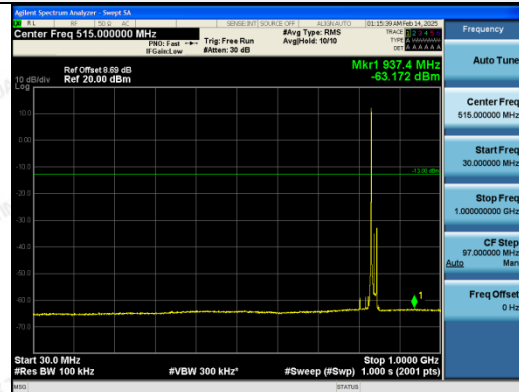


LTE FDD Band 26-15MHz Channel Bandwidth High Channel

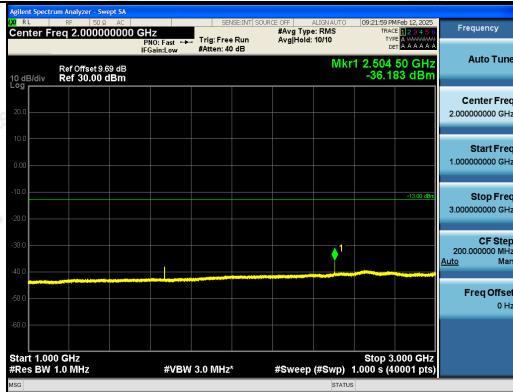
QPSK



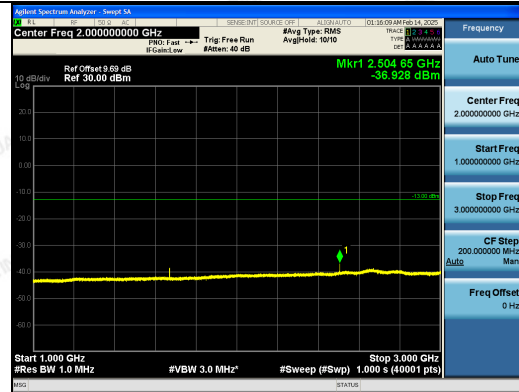
16QAM



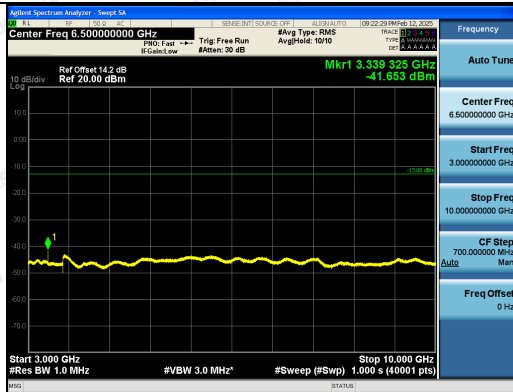
30MHz~1GHz



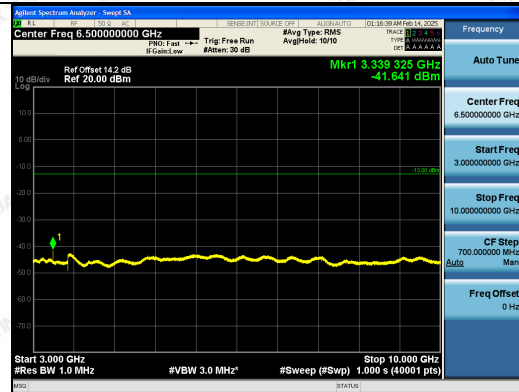
30MHz~1GHz



1GHz~3GHz



1GHz~3GHz



3GHz~10GHz

1RB#0

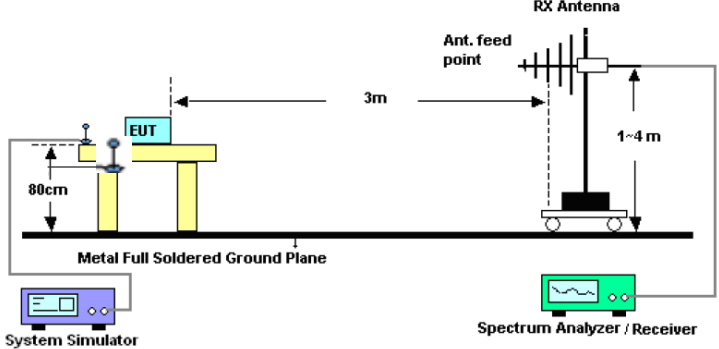
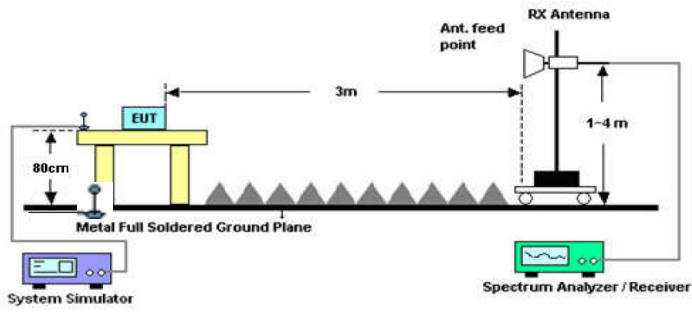
3GHz~10GHz

1RB#0



5.6. Field Strength of Spurious Radiation Measurement

5.6.1. Test Specification

Test Requirement:	FCC part22.917
Test Method:	FCC part 2.1053
Limit:	30MHz~20GHz -13dBm
Test setup:	From 30MHz to 1GHz  Above 1GHz 
Test Procedure:	1. The testing follows FCC KDB 971168 D01v03 Section 5.8 and ANSI / TIA-603-D-2010Section 2.2.12. 2. The EUT was placed on a rotatable wooden table 0.8 meters above the ground. 3. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower. 4. The table was rotated 360 degrees to determine the position of the highest spurious emission. 5. The height of the receiving antenna is varied between one meter and four meters to search for the maximum spurious emission for both horizontal and vertical polarizations.



	6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking record of maximum spurious emission. 7. A horn antenna was substituted in place of the EUT and was driven by a signal generator. 8. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission. 9. Taking the record of output power at antenna port. 10. Repeat step 7 to step 8 for another polarization. 11. $EIRP (dBm) = S.G. Power - Tx Cable Loss + Tx Antenna Gain$ 12. $ERP (dBm) = EIRP - 2.15$ 13. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
Test results:	PASS

Radiated Measurement:*Remark:*

1. We were tested all RB Configuration refer 3GPP TS136 521 for each Channel Bandwidth of LTE FDD Band 26; recorded worst case for each Channel Bandwidth of LTE FDD Band 26.

2. $EIRP = P_{Mea}(dBm) - P_{cl}(dB) + G_a(dBi)$

3. We were not recorded other points as values lower than limits.

4. $Margin = Limit - EIRP$

LTE FDD Band 26_Channel Bandwidth 1.4MHz_QPSK_Low Channel

Frequency (MHz)	P_{Mea} (dBm)	P_{cl} (dB)	Diatance	G_a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1649.4	-36.06	2.86	3.00	7.25	-31.67	-13.00	18.67	H
2474.1	-44.71	2.94	3.00	9.53	-38.12	-13.00	25.12	H
1649.4	-45.26	2.86	3.00	7.25	-40.87	-13.00	27.87	V
2474.1	-46.78	2.94	3.00	9.53	-40.19	-13.00	27.19	V

LTE FDD Band 26_Channel Bandwidth 1.4MHz_QPSK_Middle Channel

Frequency (MHz)	P_{Mea} (dBm)	P_{cl} (dB)	Diatance	G_a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1673.0	-35.92	2.86	3.00	7.25	-31.53	-13.00	18.53	H
2509.5	-43.08	2.94	3.00	9.53	-36.49	-13.00	23.49	H
1673.0	-44.72	2.86	3.00	7.25	-40.33	-13.00	27.33	V
2509.5	-47.32	2.94	3.00	9.53	-40.73	-13.00	27.73	V

**LTE FDD Band 26_Channel Bandwidth 1.4MHz_QPSK_High Channel**

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1696.6	-45.61	2.86	3.00	7.82	-40.65	-13.00	27.65	H
2544.9	-46.76	2.94	3.00	9.35	-40.35	-13.00	27.35	H
1696.6	-45.58	2.86	3.00	7.82	-40.62	-13.00	27.62	V
2544.9	-47.78	2.94	3.00	9.35	-41.37	-13.00	28.37	V

LTE FDD Band 26_Channel Bandwidth 3MHz_QPSK_Low Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1651.0	-47.35	2.86	3.00	7.25	-42.96	-13.00	29.96	H
2476.5	-43.82	2.94	3.00	9.53	-37.23	-13.00	24.23	H
1651.0	-45.83	2.86	3.00	7.25	-41.44	-13.00	28.44	V
2476.5	-49.98	2.94	3.00	9.53	-43.39	-13.00	30.39	V

LTE FDD Band 26_Channel Bandwidth 3MHz_QPSK_Middle Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1673.0	-44.83	2.86	3.00	7.25	-40.44	-13.00	27.44	H
2509.5	-44.02	2.94	3.00	9.53	-37.43	-13.00	24.43	H
1673.0	-47.48	2.86	3.00	7.25	-43.09	-13.00	30.09	V
2509.5	-48.77	2.94	3.00	9.53	-42.18	-13.00	29.18	V

LTE FDD Band 26_Channel Bandwidth 3MHz_QPSK_High Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1695.0	-46.03	2.86	3.00	7.82	-41.07	-13.00	28.07	H
2542.5	-45.57	2.94	3.00	9.35	-39.16	-13.00	26.16	H
1695.0	-45.33	2.86	3.00	7.82	-40.37	-13.00	27.37	V
2542.5	-47.25	2.94	3.00	9.35	-40.84	-13.00	27.84	V

LTE FDD Band 26_Channel Bandwidth 5MHz_QPSK_Low Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1653.0	-46.07	2.86	3.00	7.25	-41.68	-13.00	28.68	H
2479.5	-47.27	2.94	3.00	9.53	-40.68	-13.00	27.68	H
1653.0	-48.09	2.86	3.00	7.25	-43.7	-13.00	30.7	V
2479.5	-49.47	2.94	3.00	9.53	-42.88	-13.00	29.88	V

*LTE FDD Band 26_Channel Bandwidth 5MHz_QPSK_Middle Channel*

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1673.0	-46.17	2.86	3.00	7.25	-41.78	-13.00	28.78	H
2509.5	-46.36	2.94	3.00	9.53	-39.77	-13.00	26.77	H
1673.0	-44.85	2.86	3.00	7.25	-40.46	-13.00	27.46	V
2509.5	-48.35	2.94	3.00	9.53	-41.76	-13.00	28.76	V

LTE FDD Band 26_Channel Bandwidth 5MHz_QPSK_High Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1693.0	-47.01	2.86	3.00	7.82	-42.05	-13.00	29.05	H
2539.5	-45.21	2.94	3.00	9.35	-38.8	-13.00	25.8	H
1693.0	-46.18	2.86	3.00	7.82	-41.22	-13.00	28.22	V
2539.5	-48.2	2.94	3.00	9.35	-41.79	-13.00	28.79	V

LTE FDD Band 26_Channel Bandwidth 10MHz_QPSK_Low Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1658.0	-45.84	2.86	3.00	7.25	-41.45	-13.00	28.45	H
2487.0	-44.11	2.94	3.00	9.53	-37.52	-13.00	24.52	H
1658.0	-47.09	2.86	3.00	7.25	-42.7	-13.00	29.7	V
2487.0	-47.16	2.94	3.00	9.53	-40.57	-13.00	27.57	V

LTE FDD Band 26_Channel Bandwidth 10MHz_QPSK_Middle Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1673.0	-45.35	2.86	3.00	7.25	-40.96	-13.00	27.96	H
2509.5	-46.78	2.94	3.00	9.53	-40.19	-13.00	27.19	H
1673.0	-45.26	2.86	3.00	7.25	-40.87	-13.00	27.87	V
2509.5	-46.13	2.94	3.00	9.53	-39.54	-13.00	26.54	V

LTE FDD Band 26_Channel Bandwidth 10MHz_QPSK_High Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1688.0	-45.84	2.86	3.00	7.82	-40.88	-13.00	27.88	H
2532.0	-44.5	2.94	3.00	9.35	-38.09	-13.00	25.09	H
1688.0	-43.35	2.86	3.00	7.82	-38.39	-13.00	25.39	V
2532.0	-48.23	2.94	3.00	9.35	-41.82	-13.00	28.82	V

*LTE FDD Band 26_Channel Bandwidth 15MHz_QPSK_Low Channel*

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1663.0	-43.97	2.86	3.00	7.25	-39.58	-13.00	26.58	H
2494.5	-47.86	2.94	3.00	9.53	-41.27	-13.00	28.27	H
1663.0	-43.97	2.86	3.00	7.25	-39.58	-13.00	26.58	V
2494.5	-47.65	2.94	3.00	9.53	-41.06	-13.00	28.06	V

LTE FDD Band 26_Channel Bandwidth 15MHz_QPSK_Middle Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1673.0	-46.34	2.86	3.00	7.25	-41.95	-13.00	28.95	H
2509.5	-45.65	2.94	3.00	9.53	-39.06	-13.00	26.06	H
1673.0	-43.65	2.86	3.00	7.25	-39.26	-13.00	26.26	V
2509.5	-47.88	2.94	3.00	9.53	-41.29	-13.00	28.29	V

LTE FDD Band 26_Channel Bandwidth 15MHz_QPSK_High Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1683.0	-45.22	2.86	3.00	7.82	-40.26	-13.00	27.26	H
2524.5	-43.62	2.94	3.00	9.35	-37.21	-13.00	24.21	H
1683.0	-46.65	2.86	3.00	7.82	-41.69	-13.00	28.69	V
2524.5	-47.65	2.94	3.00	9.35	-41.24	-13.00	28.24	V

**LTE FDD Band 26_Channel Bandwidth 1.4MHz_16QAM_Low Channel**

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1649.4	-47.26	2.86	3.00	7.25	-42.87	-13.00	29.87	H
2474.1	-45.07	2.94	3.00	9.53	-38.48	-13.00	25.48	H
1649.4	-45.53	2.86	3.00	7.25	-41.14	-13.00	28.14	V
2474.1	-49.71	2.94	3.00	9.53	-43.12	-13.00	30.12	V

LTE FDD Band 26_Channel Bandwidth 1.4MHz_16QAM_Middle Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1673.0	-45.82	2.86	3.00	7.25	-41.43	-13.00	28.43	H
2509.5	-45.35	2.94	3.00	9.53	-38.76	-13.00	25.76	H
1673.0	-46.99	2.86	3.00	7.25	-42.6	-13.00	29.6	V
2509.5	-47.84	2.94	3.00	9.53	-41.25	-13.00	28.25	V

LTE FDD Band 26_Channel Bandwidth 1.4MHz_16QAM_High Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1696.6	-45.52	2.86	3.00	7.82	-40.56	-13.00	27.56	H
2544.9	-46.01	2.94	3.00	9.35	-39.6	-13.00	26.6	H
1696.6	-45.86	2.86	3.00	7.82	-40.9	-13.00	27.9	V
2544.9	-50.15	2.94	3.00	9.35	-43.74	-13.00	30.74	V

LTE FDD Band 26_Channel Bandwidth 3MHz_16QAM_Low Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1651.0	-48.21	2.86	3.00	7.25	-43.82	-13.00	30.82	H
2476.5	-43.69	2.94	3.00	9.53	-37.1	-13.00	24.1	H
1651.0	-45.85	2.86	3.00	7.25	-41.46	-13.00	28.46	V
2476.5	-50.09	2.94	3.00	9.53	-43.5	-13.00	30.5	V

LTE FDD Band 26_Channel Bandwidth 3MHz_16QAM_Middle Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1673.0	-46.21	2.86	3.00	7.25	-41.82	-13.00	28.82	H
2509.5	-44.98	2.94	3.00	9.53	-38.39	-13.00	25.39	H
1673.0	-44.65	2.86	3.00	7.25	-40.26	-13.00	27.26	V
2509.5	-48.04	2.94	3.00	9.53	-41.45	-13.00	28.45	V

**LTE FDD Band 26_Channel Bandwidth 3MHz_16QAM_High Channel**

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1695.0	-44.76	2.86	3.00	7.82	-39.8	-13.00	26.8	H
2542.5	-43.33	2.94	3.00	9.35	-36.92	-13.00	23.92	H
1695.0	-45.23	2.86	3.00	7.82	-40.27	-13.00	27.27	V
2542.5	-50.45	2.94	3.00	9.35	-44.04	-13.00	31.04	V

LTE FDD Band 26_Channel Bandwidth 5MHz_16QAM_Low Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1653.0	-45.99	2.86	3.00	7.25	-41.6	-13.00	28.6	H
2479.5	-46.58	2.94	3.00	9.53	-39.99	-13.00	26.99	H
1653.0	-48.58	2.86	3.00	7.25	-44.19	-13.00	31.19	V
2479.5	-49.34	2.94	3.00	9.53	-42.75	-13.00	29.75	V

LTE FDD Band 26_Channel Bandwidth 5MHz_16QAM_Middle Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1673.0	-45.6	2.86	3.00	7.25	-41.21	-13.00	28.21	H
2509.5	-47.23	2.94	3.00	9.53	-40.64	-13.00	27.64	H
1673.0	-45.04	2.86	3.00	7.25	-40.65	-13.00	27.65	V
2509.5	-47.33	2.94	3.00	9.53	-40.74	-13.00	27.74	V

LTE FDD Band 26_Channel Bandwidth 5MHz_16QAM_High Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1693.0	-44.56	2.86	3.00	7.82	-39.6	-13.00	26.6	H
2539.5	-45.72	2.94	3.00	9.35	-39.31	-13.00	26.31	H
1693.0	-47.83	2.86	3.00	7.82	-42.87	-13.00	29.87	V
2539.5	-49.6	2.94	3.00	9.35	-43.19	-13.00	30.19	V

LTE FDD Band 26_Channel Bandwidth 10MHz_16QAM_Low Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1658.0	-47.3	2.86	3.00	7.25	-42.91	-13.00	29.91	H
2487.0	-44.5	2.94	3.00	9.53	-37.91	-13.00	24.91	H
1658.0	-46.6	2.86	3.00	7.25	-42.21	-13.00	29.21	V
2487.0	-48.16	2.94	3.00	9.53	-41.57	-13.00	28.57	V

**LTE FDD Band 26_Channel Bandwidth 10MHz_16QAM_Middle Channel**

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1673.0	-46.28	2.86	3.00	7.25	-41.89	-13.00	28.89	H
2509.5	-45.85	2.94	3.00	9.53	-39.26	-13.00	26.26	H
1673.0	-44.75	2.86	3.00	7.25	-40.36	-13.00	27.36	V
2509.5	-47.05	2.94	3.00	9.53	-40.46	-13.00	27.46	V

LTE FDD Band 26_Channel Bandwidth 10MHz_10QAM_High Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1688.0	-45.49	2.86	3.00	7.82	-40.53	-13.00	27.53	H
2532.0	-45.22	2.94	3.00	9.35	-38.81	-13.00	25.81	H
1688.0	-46.68	2.86	3.00	7.82	-41.72	-13.00	28.72	V
2532.0	-48.28	2.94	3.00	9.35	-41.87	-13.00	28.87	V

LTE FDD Band 26_Channel Bandwidth 15MHz_16QAM_Low Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1663.0	-44.73	2.86	3.00	7.25	-40.34	-13.00	27.34	H
2494.5	-46.86	2.94	3.00	9.53	-40.27	-13.00	27.27	H
1663.0	-45.2	2.86	3.00	7.25	-40.81	-13.00	27.81	V
2494.5	-50.35	2.94	3.00	9.53	-43.76	-13.00	30.76	V

LTE FDD Band 26_Channel Bandwidth 15MHz_16QAM_Middle Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
167.03	-44.78	2.86	3.00	7.25	-40.39	-13.00	27.39	H
2509.5	-46.06	2.94	3.00	9.53	-39.47	-13.00	26.47	H
167.03	-43.41	2.86	3.00	7.25	-39.02	-13.00	26.02	V
2509.5	-47.64	2.94	3.00	9.53	-41.05	-13.00	28.05	V

LTE FDD Band 26_Channel Bandwidth 15MHz_10QAM_High Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1683.0	-44.67	2.86	3.00	7.82	-39.71	-13.00	26.71	H
2524.5	-44.84	2.94	3.00	9.35	-38.43	-13.00	25.43	H
1683.0	-47.24	2.86	3.00	7.82	-42.28	-13.00	29.28	V
2524.5	-46.67	2.94	3.00	9.35	-40.26	-13.00	27.26	V



5.7. Frequency Stability Measurement

5.7.1. Test Specification

Test Requirement:	FCC part 22.355
Test Method:	FCC Part 2.1055
Limit:	± 2.5 ppm
Test Setup:	 The diagram shows a 'System Simulator' connected by a line to a 'Thermal Chamber'. Inside the thermal chamber is the 'EUT' (Equipment Under Test).
Test Procedure:	Test Procedures for Temperature Variation 1. The testing follows FCC KDB 971168 D01v03 Section 9.0. 2. The EUT was set up in the thermal chamber and connected with the system simulator. 3. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute. 4. With power OFF, the temperature was raised in 10°C steps up to 50°C. The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute. Test Procedures for Voltage Variation 1. The testing follows FCC KDB 971168 D01v03 Section 9.0. 2. The EUT was placed in a temperature chamber at $25 \pm 5^{\circ}\text{C}$ and connected with the system simulator. 3. The power supply voltage to the EUT was varied from BEP to 115% of the nominal value measured at the input to the EUT. 4. The variation in frequency was measured for the worst case.
Test Result:	PASS

**TEST RESULTS**

Remark:

1. We tested all RB Configuration refer 3GPP TS136 521 for each Channel Bandwidth of LTE FDD Band 26; recorded worst case.

LTE Band 26, 1.4MHz bandwidth (worst case of all bandwidths)

Frequency Error vs Voltage

Voltage (V)	Frequency error (Hz)		Frequency error (ppm)		Limit (ppm)
	QPSK	16QAM	QPSK	16QAM	
4.25	-1.72	-2.88	-0.002086	-0.003492	2.50
5.0	-2.73	-3.25	-0.003310	-0.003941	2.50
5.75	-3.22	-2.16	-0.003904	-0.002619	2.50

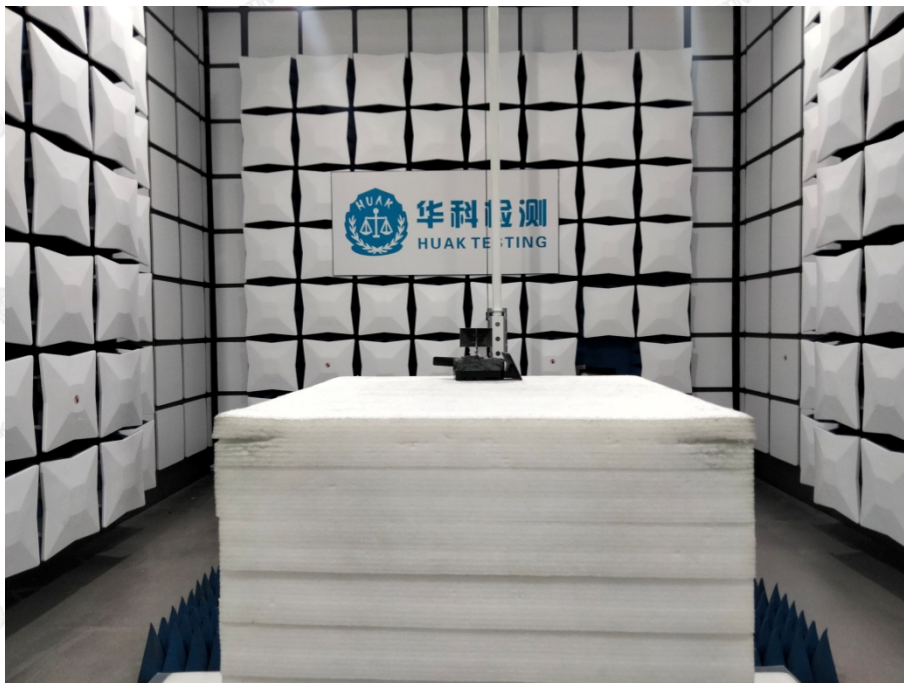
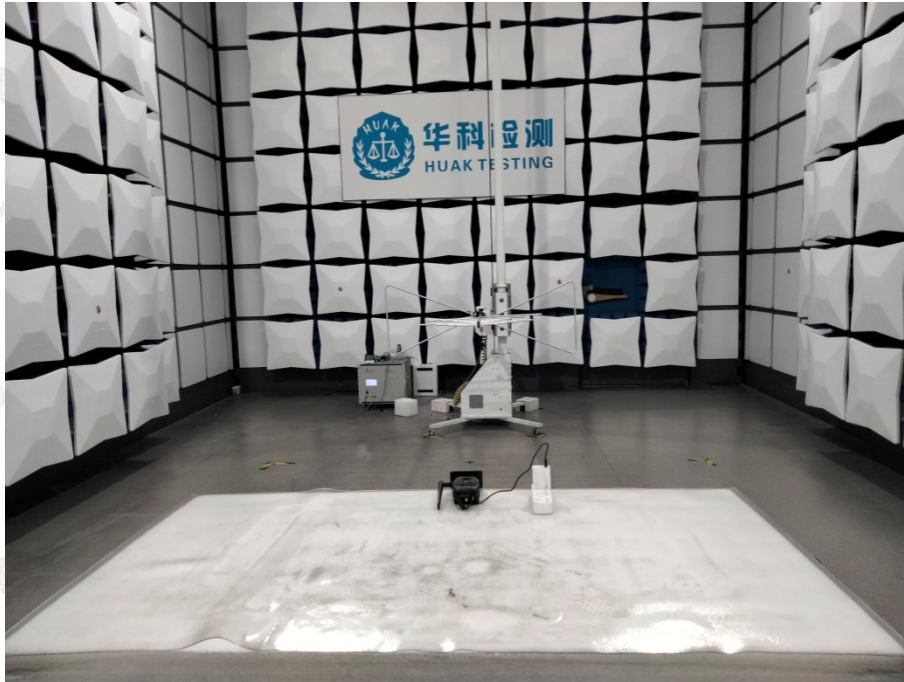
Frequency Error vs Temperature

Temperature (°C)	Frequency error (Hz)		Frequency error (ppm)		Limit (ppm)
	QPSK	16QAM	QPSK	16QAM	
-30°	-2.27	-3.63	-0.002714	-0.004340	2.50
-20°	2.00	-1.86	0.002391	-0.002224	2.50
-10°	-1.75	-3.00	-0.002092	-0.003586	2.50
0°	-2.10	-2.50	-0.002510	-0.002989	2.50
10°	1.86	-3.79	0.002224	-0.004531	2.50
20°	-2.46	-1.24	-0.002941	-0.001482	2.50
30°	-3.98	2.25	-0.004758	0.002690	2.50
40°	0.94	-2.03	0.001124	-0.002427	2.50
50°	-1.26	-2.25	-0.001506	-0.002690	2.50



6. Photographs of Test Setup

Radiated Emission



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by HUAKE, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.cer-mark.com>.

TEL : +86-755 2302 9901 FAX : +86-755 2302 9901 E-mail : service@cer-mark.com

Add: 1-2F., Building B2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China



7. Photographs of EUT

Refer to test report ANNEX A of external photos and ANNEX B of internal photos

.....**End of Report**.....