

### 3 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
66	1745	132322	1.4	1	0	Fig.1	Fig.2	Fig.3
			3	1	0	Fig.4	Fig.5	Fig.6
			5	1	0	Fig.7	Fig.8	Fig.9
			10	1	0	Fig.10	Fig.11	Fig.12
			15	1	0	Fig.13	Fig.14	Fig.15
			20	1	0	Fig.16	Fig.17	Fig.18

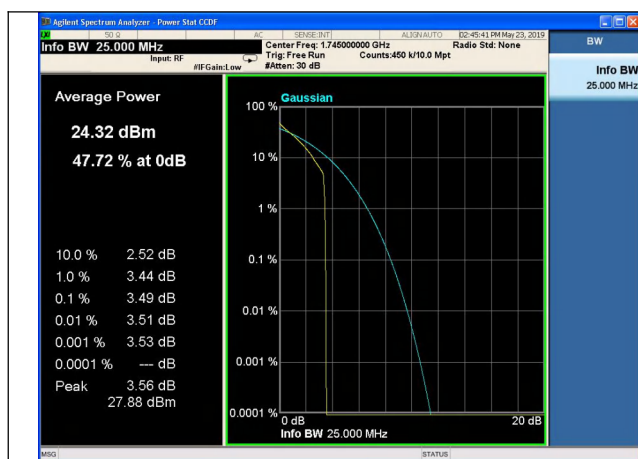


Fig.1

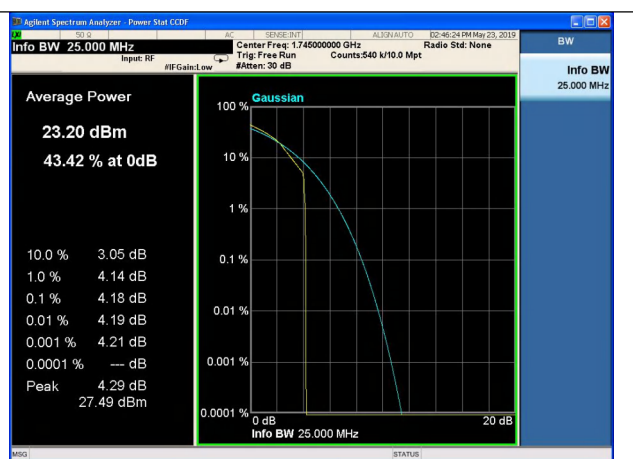


Fig.2

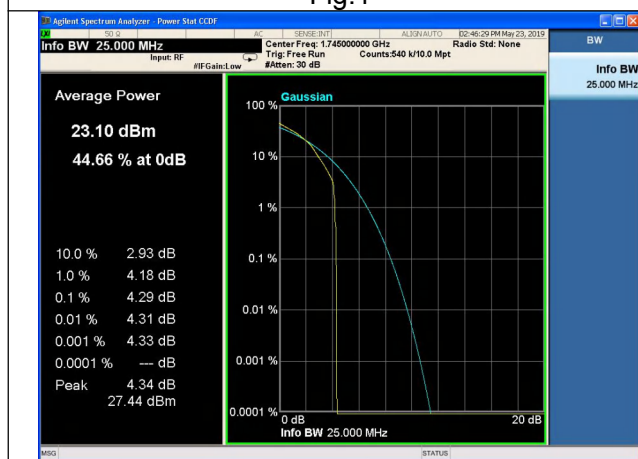


Fig.3

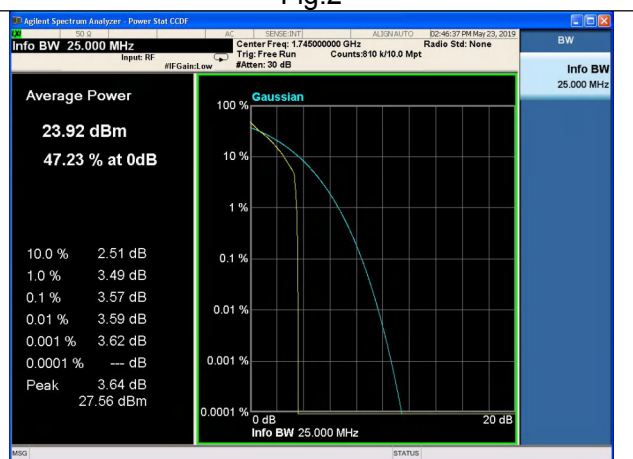


Fig.4

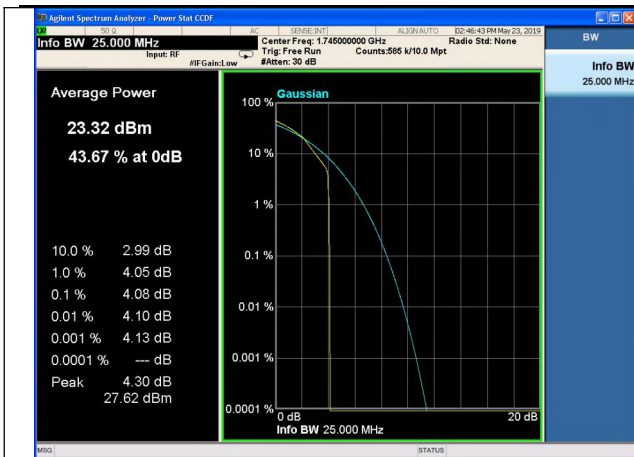


Fig.5

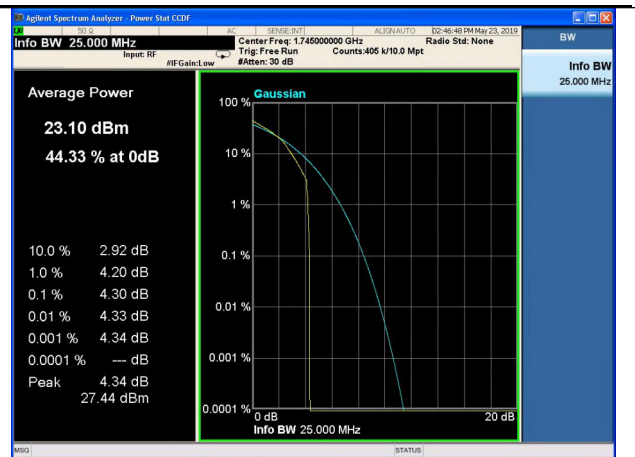


Fig.6

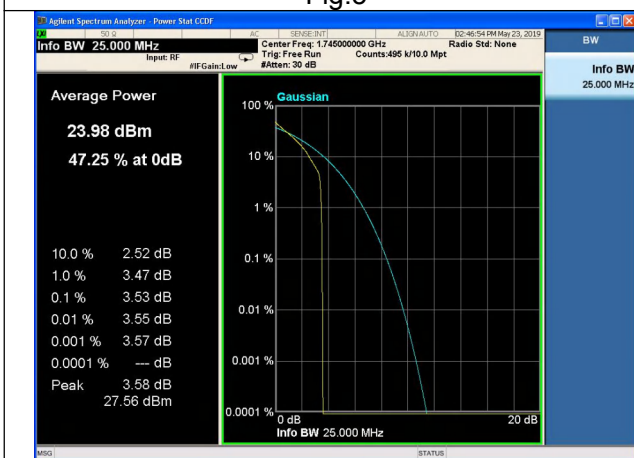


Fig.7

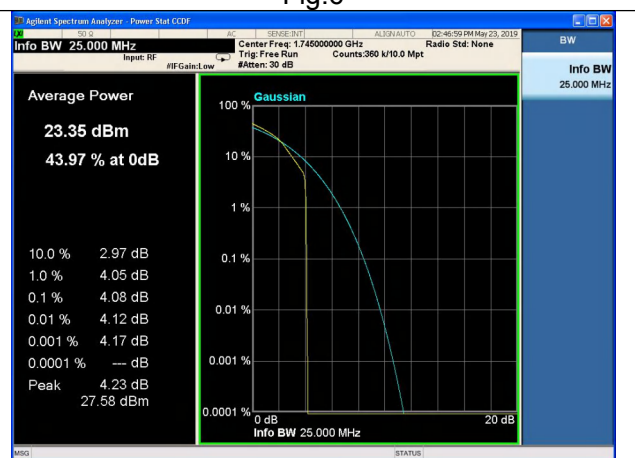


Fig.8

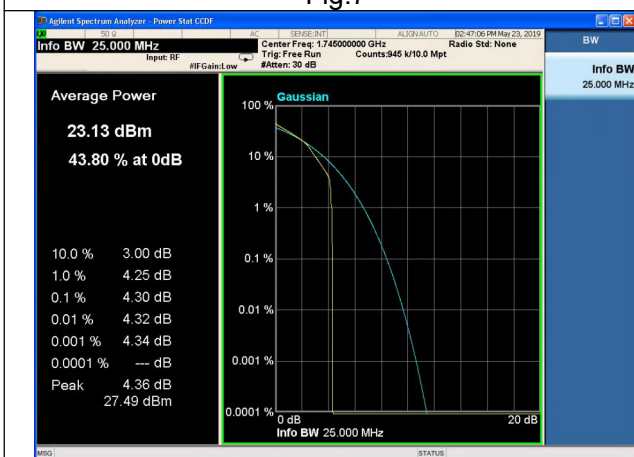


Fig.9

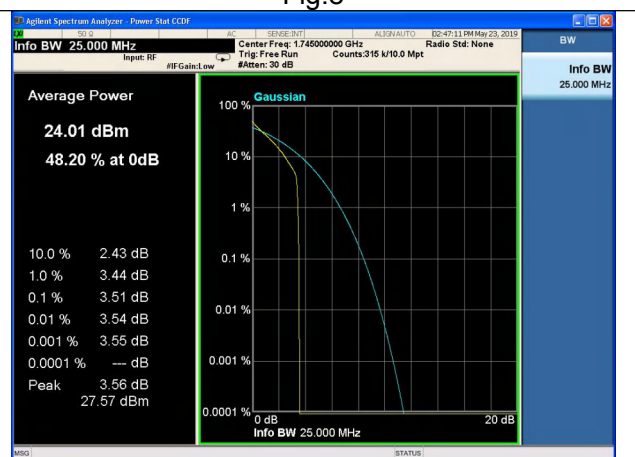


Fig.10

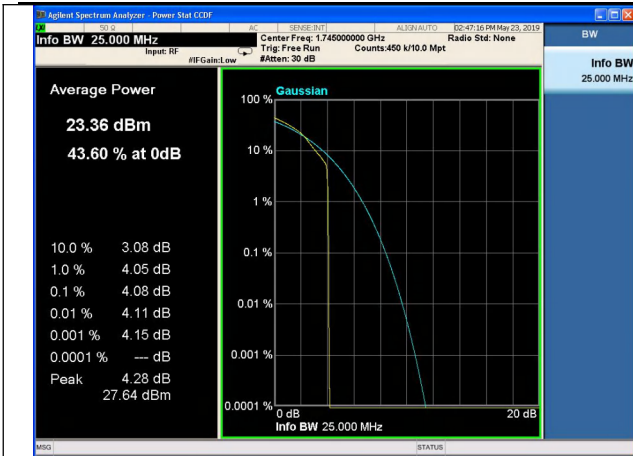


Fig.11

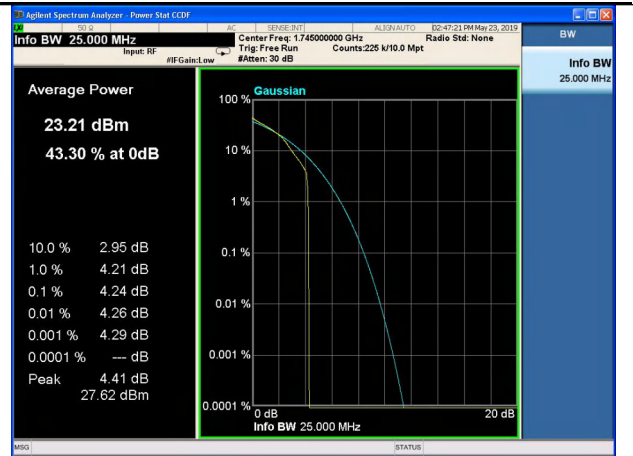


Fig.12

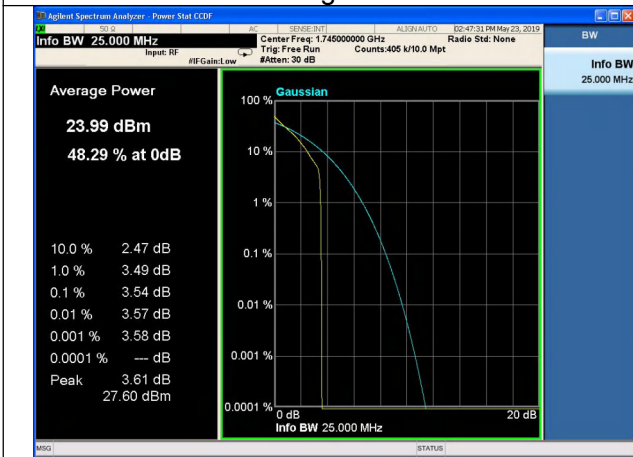


Fig.13

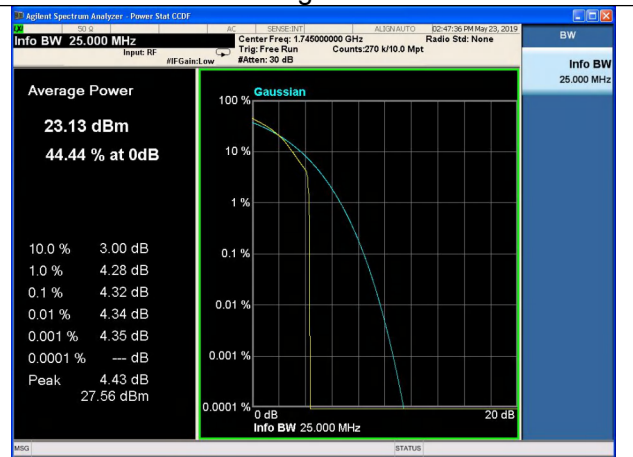


Fig.14

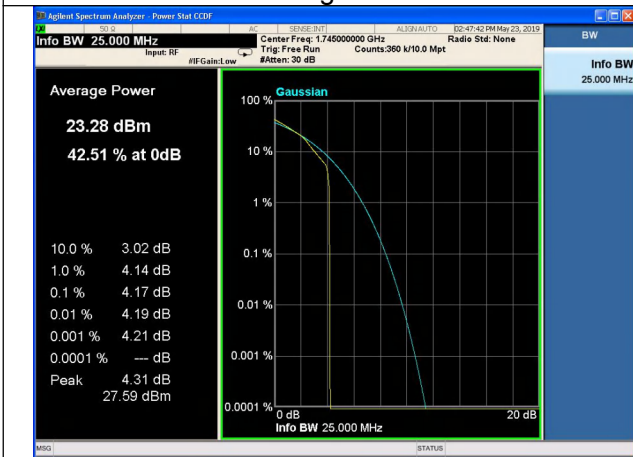


Fig.15

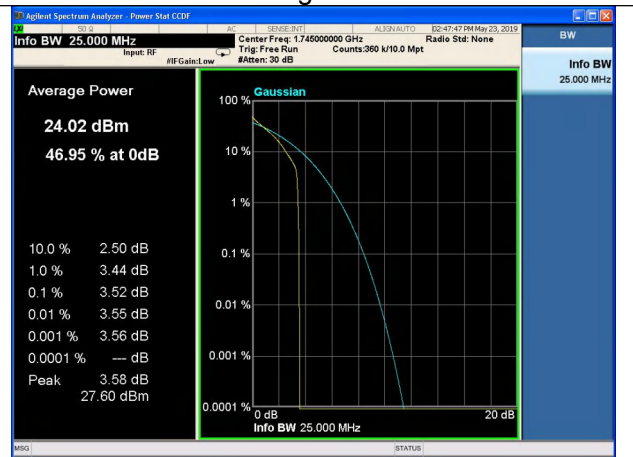
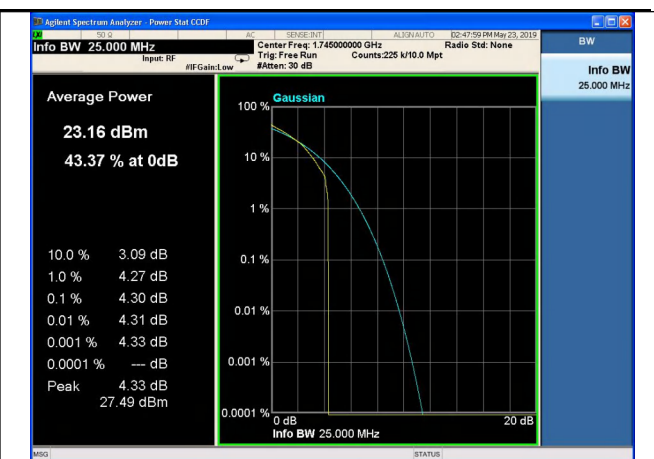
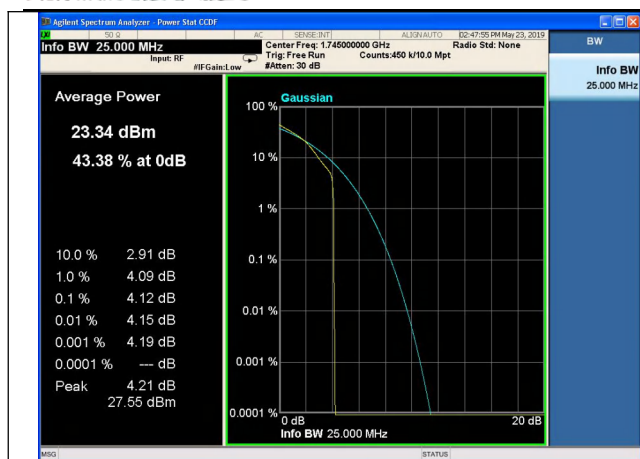


Fig.16



#### 4 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
66	1720	132072	20	1	0	Fig.1
	1745	132322	20	1	0	Fig.2
	1770	132572	20	1	0	Fig.3

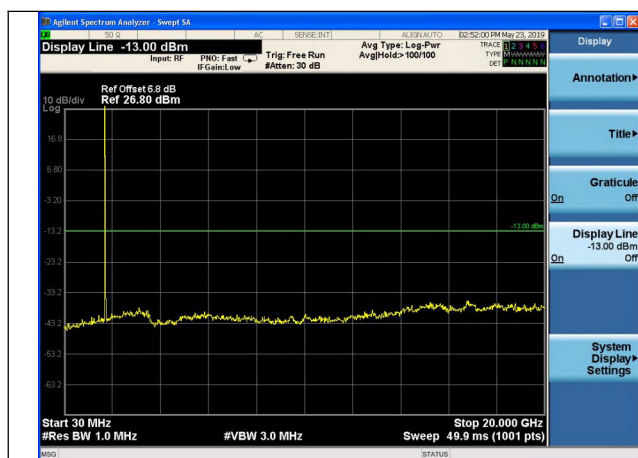


Fig.1



Fig.2

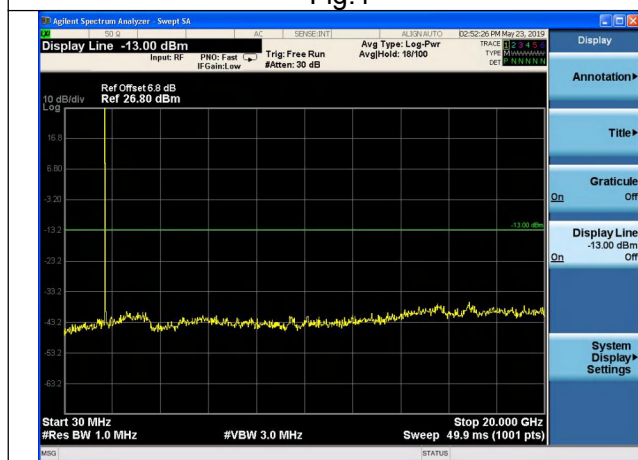


Fig3

### 5 Band Edges Compliance

Test result

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
66	1710.7	131979	1.4	1	0	Fig.1
				6	0	Fig.2
	1779.3	132665		1	5	Fig.3
				6	0	Fig.4
	1711.5	131987	3	1	0	Fig.5
				15	0	Fig.6
	1778.5	132657		1	14	Fig.7
				15	0	Fig.8
	1712.5	131997	5	1	0	Fig.9
				25	0	Fig.10
	1777.5	132647		1	24	Fig.11
				25	0	Fig.12
	1715	132022	10	1	0	Fig.13
				50	0	Fig.14
	1775	132622		1	49	Fig.15
				50	0	Fig.16
1717.5	132047	15	1	0	Fig.17	
			75	0	Fig.18	
1772.5	132597		1	74	Fig.19	
			75	0	Fig.20	
1720	132072	20	1	0	Fig.21	
			100	0	Fig.22	
1770	132572		1	99	Fig.23	
			100	0	Fig.24	

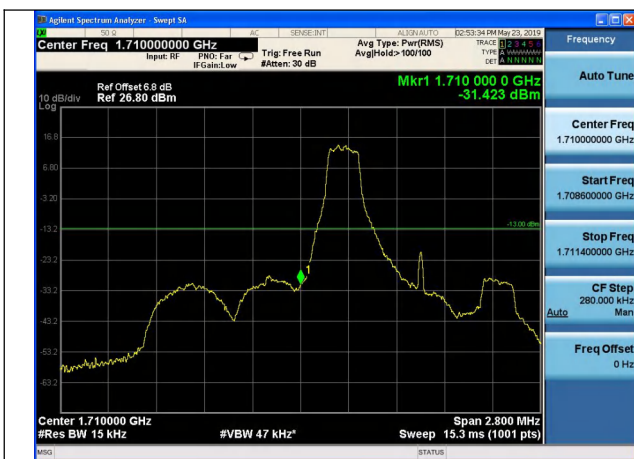


Fig.1

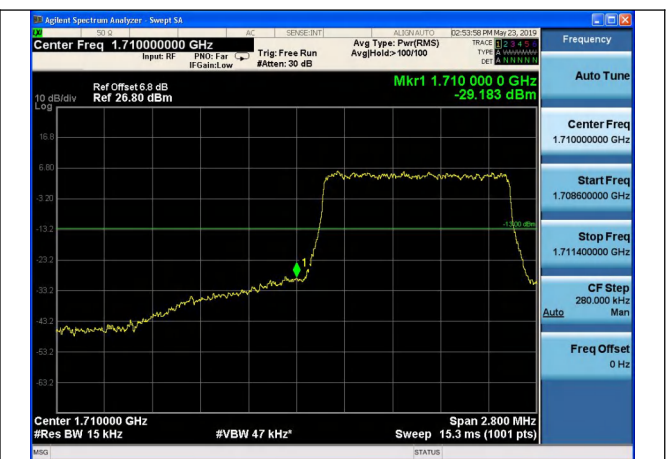


Fig.2



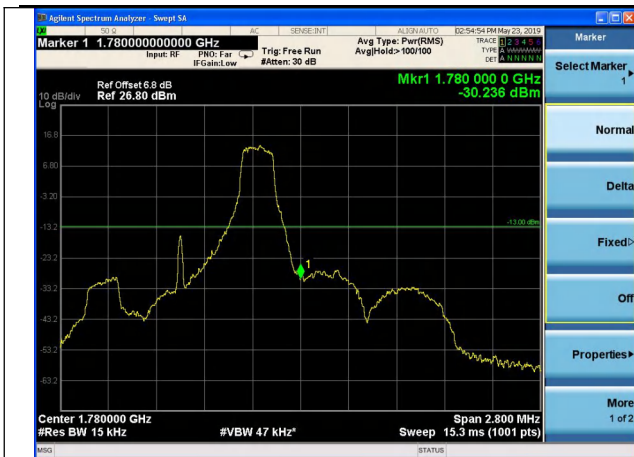


Fig.3

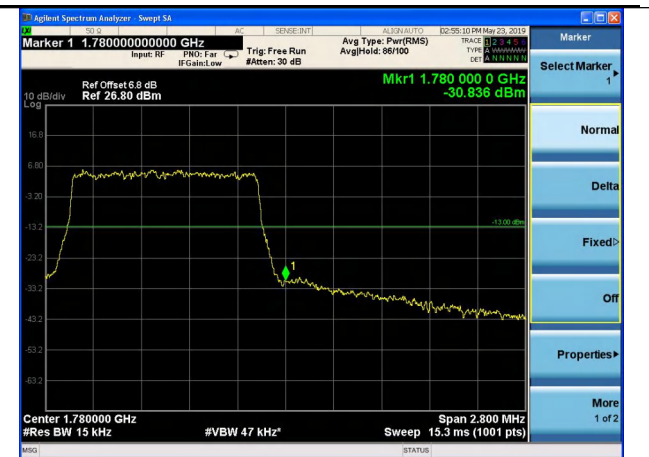


Fig.4

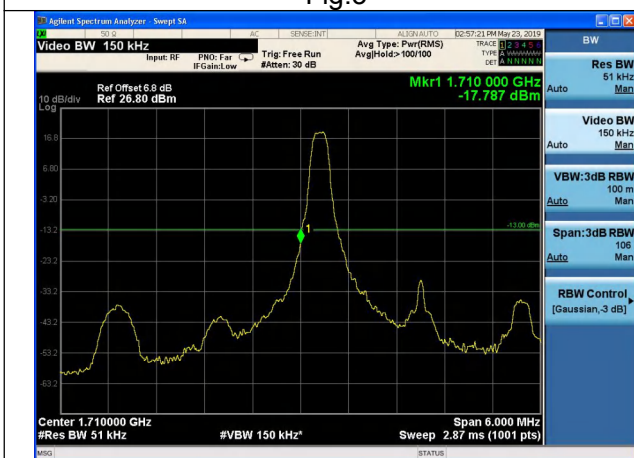


Fig.5

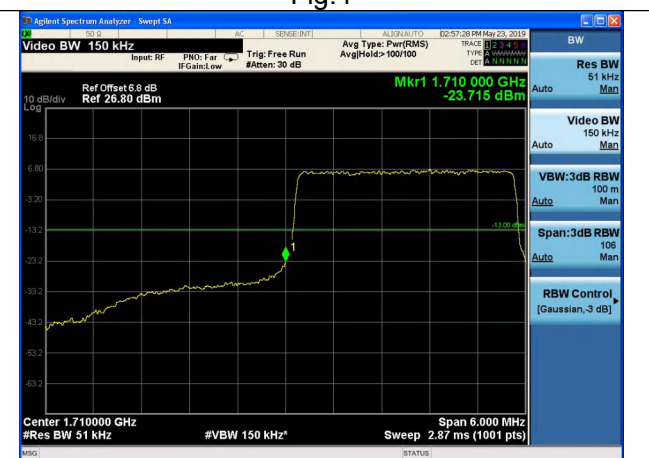


Fig.6

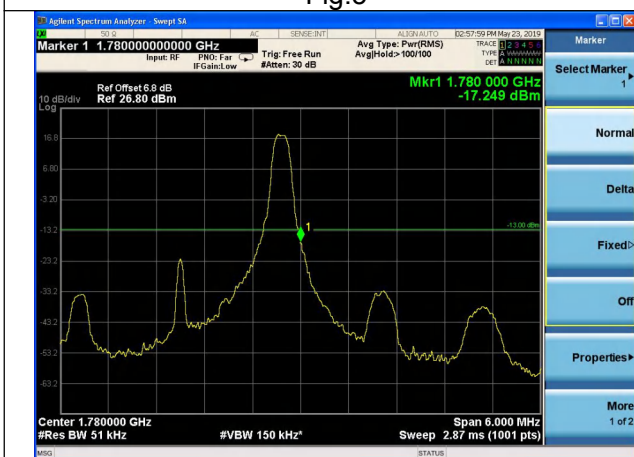


Fig.7



Fig.8

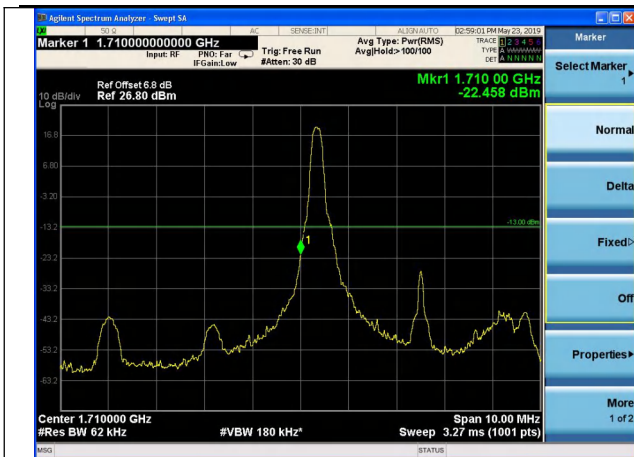


Fig.9



Fig.10

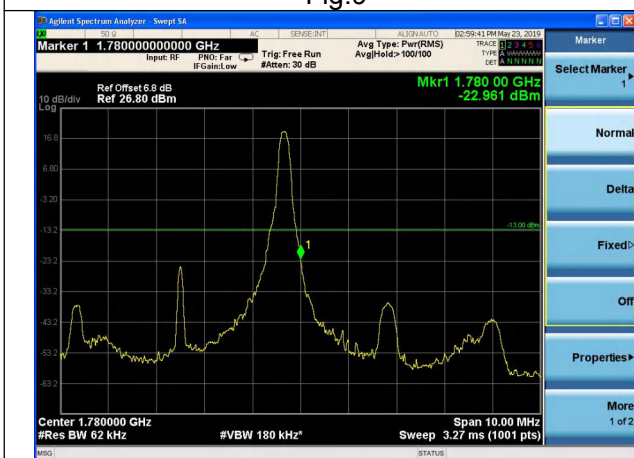


Fig.11



Fig.12

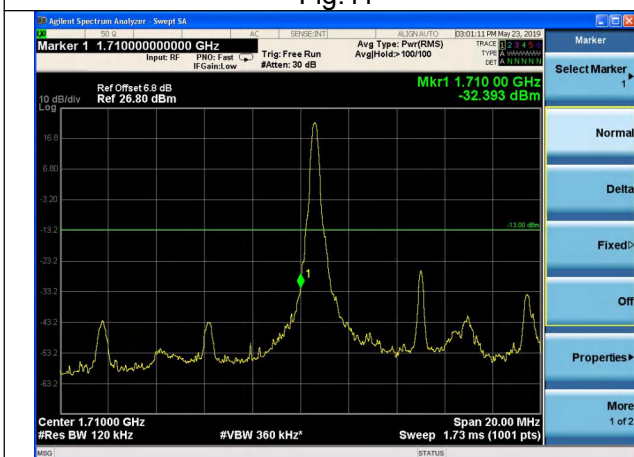


Fig.13

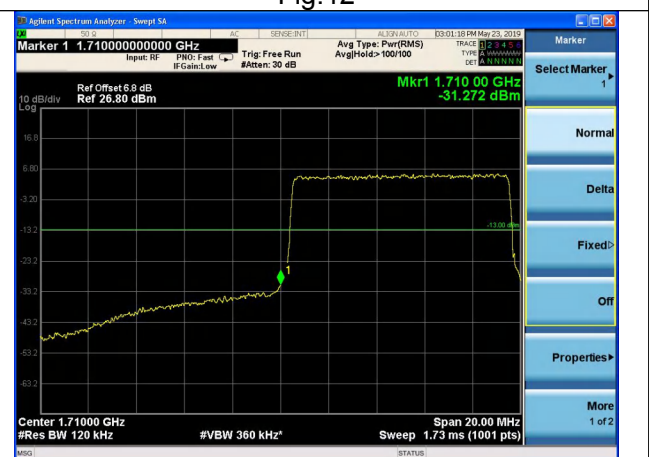


Fig.14



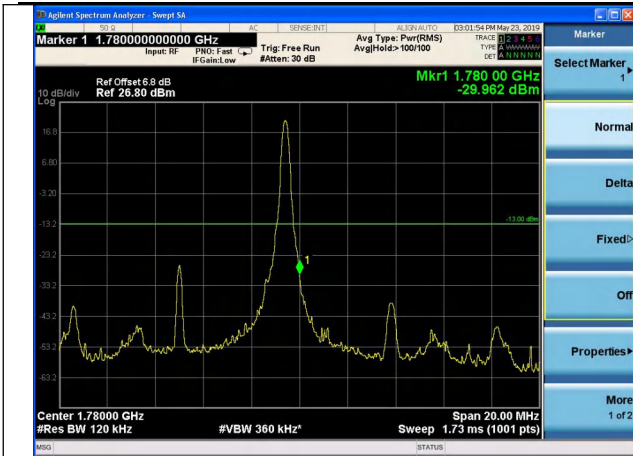


Fig.15

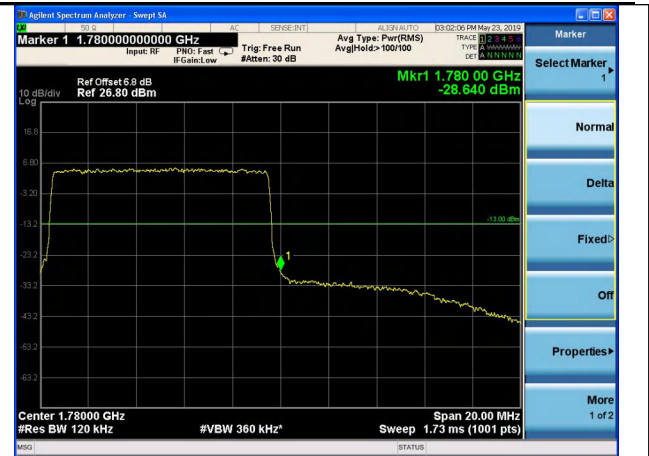


Fig.16

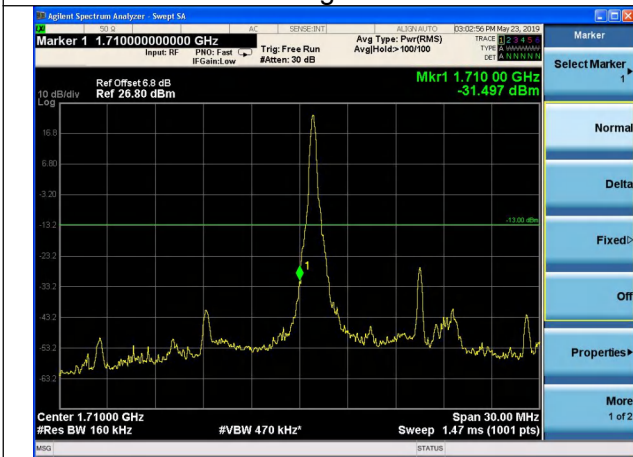


Fig.17



Fig.18

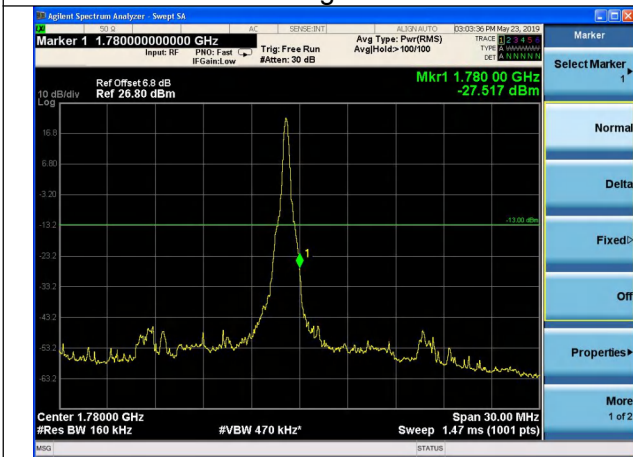


Fig.19



Fig.20

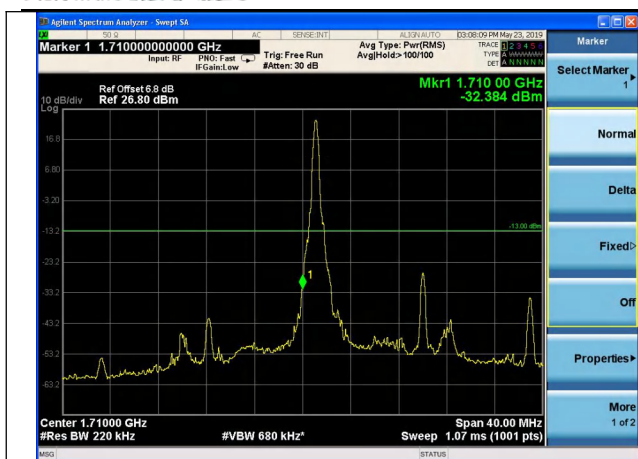


Fig.21

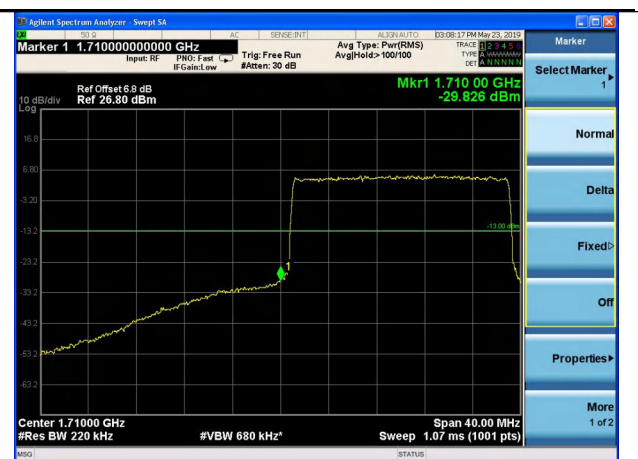


Fig.22

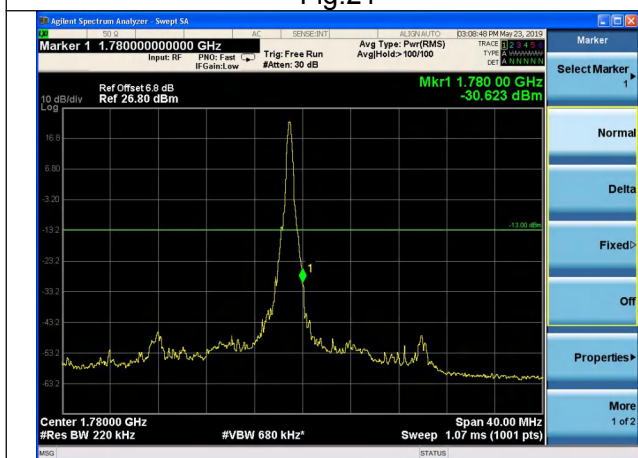


Fig.23



Fig.24

## 6 Frequency Stability

Test result:

Temperature(°C)	Voltage	Test Result (ppm) Band66 Low Channel					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.068	0.032	0.022	0.035	0.003	0.081
0	NV	0.064	0.064	0.047	0.045	0.027	0.079
+10	NV	0.001	0.018	0.070	0.066	0.023	0.079
+20	NV	0.021	0.002	0.011	0.081	0.069	0.064
+30	NV	0.015	0.046	0.028	0.082	0.084	0.004
+40	NV	0.078	0.039	0.005	0.080	0.063	0.074
+50	NV	0.088	0.071	0.083	0.013	0.035	0.015
+55	NV	0.046	0.047	0.067	0.070	0.065	0.030
+20	LV	0.089	0.008	0.085	0.037	0.037	0.081
+20	HV	0.006	0.097	0.008	0.020	0.001	0.093

Temperature(°C)	Voltage	Test Result (ppm) Band66 High Channel					
		1.4M	3M	5M	10M	15M	20M
-10	NV	0.006	0.058	0.037	0.029	0.080	0.079
0	NV	0.009	0.007	0.006	0.070	0.077	0.013
+10	NV	0.043	0.011	0.023	0.026	0.011	0.055
+20	NV	0.055	0.049	0.095	0.036	0.033	0.064
+30	NV	0.074	0.034	0.065	0.003	0.064	0.034
+40	NV	0.040	0.040	0.018	0.037	0.060	0.070
+50	NV	0.048	0.038	0.025	0.007	0.029	0.074
+55	NV	0.024	0.057	0.056	0.078	0.048	0.041
+20	LV	0.076	0.022	0.050	0.023	0.090	0.024
+20	HV	0.082	0.064	0.036	0.017	0.065	0.093

## **APPENDIX B – TEST DATA OF RADIATED EMISSION**

LTE band 2

Test result:

UANT and LANT are both verified, and the LANT is selected as the worst mode for testing.

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band2	QPSK	1.4	18607	1#0	23.56	0.23
Band2	QPSK	1.4	18900	1#0	24.81	0.30
Band2	QPSK	1.4	19193	1#0	24.28	0.27
Band2	16QAM	1.4	18607	1#0	23.27	0.21
Band2	16QAM	1.4	18900	1#0	22.92	0.20
Band2	16QAM	1.4	19193	1#0	23.68	0.23
Band2	64QAM	1.4	18607	1#0	24.48	0.28
Band2	64QAM	1.4	18900	1#0	24.42	0.28
Band2	64QAM	1.4	19193	1#0	23.84	0.24
Band2	QPSK	3	18615	1#0	24.77	0.30
Band2	QPSK	3	18900	1#0	23.78	0.24
Band2	QPSK	3	19185	1#0	23.83	0.24
Band2	16QAM	3	18615	1#0	24.19	0.26
Band2	16QAM	3	18900	1#0	23.76	0.24
Band2	16QAM	3	19185	1#0	23.77	0.24
Band2	64QAM	3	18615	1#0	23.51	0.22
Band2	64QAM	3	18900	1#0	23.23	0.21
Band2	64QAM	3	19185	1#0	23.82	0.24
Band2	QPSK	5	18625	1#0	24.16	0.26
Band2	QPSK	5	18900	1#0	24.47	0.28
Band2	QPSK	5	19175	1#0	24.40	0.28
Band2	16QAM	5	18625	1#0	23.38	0.22
Band2	16QAM	5	18900	1#0	23.75	0.24
Band2	16QAM	5	19175	1#0	23.64	0.23
Band2	64QAM	5	18625	1#0	23.16	0.21
Band2	64QAM	5	18900	1#0	23.86	0.24
Band2	64QAM	5	19175	1#0	23.25	0.21
Band2	QPSK	10	18650	1#0	24.29	0.27
Band2	QPSK	10	18900	1#0	24.66	0.29
Band2	QPSK	10	19150	1#0	24.49	0.28
Band2	16QAM	10	18650	1#0	24.69	0.29
Band2	16QAM	10	18900	1#0	23.28	0.21
Band2	16QAM	10	19150	1#0	24.29	0.27
Band2	64QAM	10	18650	1#0	23.49	0.22
Band2	64QAM	10	18900	1#0	23.22	0.21
Band2	64QAM	10	19150	1#0	23.50	0.22
Band2	QPSK	15	18675	1#0	24.97	0.31
Band2	QPSK	15	18900	1#0	24.64	0.29
Band2	QPSK	15	19125	1#0	23.79	0.24

Band2	16QAM	15	18675	1#0	24.42	0.28
Band2	16QAM	15	18900	1#0	23.53	0.23
Band2	16QAM	15	19125	1#0	23.58	0.23
Band2	64QAM	15	18675	1#0	23.81	0.24
Band2	64QAM	15	18900	1#0	23.69	0.23
Band2	64QAM	15	19125	1#0	23.13	0.21
Band2	QPSK	20	18700	1#0	24.19	0.26
Band2	QPSK	20	18900	1#0	24.94	0.31
Band2	QPSK	20	19100	1#0	24.27	0.27
Band2	16QAM	20	18700	1#0	24.04	0.25
Band2	16QAM	20	18900	1#0	23.75	0.24
Band2	16QAM	20	19100	1#0	23.25	0.21
Band2	64QAM	20	18700	1#0	24.13	0.26
Band2	64QAM	20	18900	1#0	24.04	0.25
Band2	64QAM	20	19100	1#0	23.78	0.24

Test result:

Channel 19100(20MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2453.12	-52.33	-13	Vertical
2779.54	-52.17	-13	Vertical
3727.49	-43.74	-13	Vertical
6679.12	-43.59	-13	Vertical
9964.66	-39.94	-13	Vertical
17823.86	-35.32	-13	Vertical

Channel 18900(20MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2452.84	-52.90	-13	Vertical
2778.50	-51.54	-13	Vertical
3728.55	-43.47	-13	Vertical
6676.41	-43.75	-13	Vertical
9961.38	-39.85	-13	Vertical
17822.25	-35.79	-13	Vertical

Channel 19100(20MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.52	-52.53	-13	Vertical
2780.57	-51.33	-13	Vertical
3730.62	-43.61	-13	Vertical
6677.97	-43.15	-13	Vertical
9962.63	-40.16	-13	Vertical
17823.88	-35.65	-13	Vertical



LTE band 4

Test result:

UANT and LANT are both verified, and the LANT is selected as the worst mode for testing.

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band4	QPSK	1.4	19957	1#0	23.91	0.25
Band4	QPSK	1.4	20175	1#0	24.25	0.27
Band4	QPSK	1.4	20393	1#0	23.55	0.23
Band4	16QAM	1.4	19957	1#0	23.70	0.23
Band4	16QAM	1.4	20175	1#0	22.56	0.18
Band4	16QAM	1.4	20393	1#0	22.43	0.18
Band4	64QAM	1.4	19957	1#0	23.41	0.22
Band4	64QAM	1.4	20175	1#0	22.20	0.17
Band4	64QAM	1.4	20393	1#0	23.29	0.21
Band4	QPSK	3	19965	1#0	24.18	0.26
Band4	QPSK	3	20175	1#0	23.89	0.24
Band4	QPSK	3	20385	1#0	23.78	0.24
Band4	16QAM	3	19965	1#0	23.63	0.23
Band4	16QAM	3	20175	1#0	22.97	0.20
Band4	16QAM	3	20385	1#0	22.99	0.20
Band4	64QAM	3	19965	1#0	22.77	0.19
Band4	64QAM	3	20175	1#0	22.48	0.18
Band4	64QAM	3	20385	1#0	23.38	0.22
Band4	QPSK	5	19975	1#0	24.55	0.29
Band4	QPSK	5	20175	1#0	24.09	0.26
Band4	QPSK	5	20375	1#0	23.56	0.23
Band4	16QAM	5	19975	1#0	23.33	0.22
Band4	16QAM	5	20175	1#0	23.24	0.21
Band4	16QAM	5	20375	1#0	22.59	0.18
Band4	64QAM	5	19975	1#0	23.22	0.21
Band4	64QAM	5	20175	1#0	23.13	0.21
Band4	64QAM	5	20375	1#0	23.57	0.23
Band4	QPSK	10	20000	1#0	23.97	0.25
Band4	QPSK	10	20175	1#0	23.68	0.23
Band4	QPSK	10	20350	1#0	24.15	0.26
Band4	16QAM	10	20000	1#0	22.73	0.19
Band4	16QAM	10	20175	1#0	23.30	0.21
Band4	16QAM	10	20350	1#0	23.04	0.20
Band4	64QAM	10	20000	1#0	22.50	0.18
Band4	64QAM	10	20175	1#0	22.63	0.18
Band4	64QAM	10	20350	1#0	23.77	0.24
Band4	QPSK	15	20025	1#0	23.66	0.23
Band4	QPSK	15	20175	1#0	23.15	0.21
Band4	QPSK	15	20325	1#0	23.44	0.22
Band4	16QAM	15	20025	1#0	22.88	0.19

Band4	16QAM	15	20175	1#0	22.98	0.20
Band4	16QAM	15	20325	1#0	23.35	0.22
Band4	64QAM	15	20025	1#0	23.71	0.23
Band4	64QAM	15	20175	1#0	23.00	0.20
Band4	64QAM	15	20325	1#0	22.50	0.18
Band4	QPSK	20	20050	1#0	23.73	0.24
Band4	QPSK	20	20175	1#0	23.32	0.21
Band4	QPSK	20	20300	1#0	23.87	0.24
Band4	16QAM	20	20050	1#0	23.23	0.21
Band4	16QAM	20	20175	1#0	22.68	0.19
Band4	16QAM	20	20300	1#0	24.03	0.25
Band4	64QAM	20	20050	1#0	23.47	0.22
Band4	64QAM	20	20175	1#0	23.09	0.20
Band4	64QAM	20	20300	1#0	23.26	0.21

Test result:

Channel 20050(20MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.31	-52.71	-13	Vertical
2780.41	-51.97	-13	Vertical
3729.19	-44.06	-13	Vertical
6678.84	-43.39	-13	Vertical
9962.80	-40.17	-13	Vertical
17820.91	-35.23	-13	Vertical

Channel 20175(20MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2456.20	-52.68	-13	Vertical
2780.60	-51.92	-13	Vertical
3728.79	-43.87	-13	Vertical
6678.61	-43.01	-13	Vertical
9963.08	-40.31	-13	Vertical
17820.63	-36.16	-13	Vertical

Channel 20300(20MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.55	-52.89	-13	Vertical
2779.73	-51.57	-13	Vertical
3729.30	-43.69	-13	Vertical
6679.24	-43.11	-13	Vertical
9963.36	-39.60	-13	Vertical
17824.29	-36.03	-13	Vertical

LTE band 5

Test result:

UANT and LANT are both verified, and the LANT is selected as the worst mode for testing.

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band5	QPSK	1.4	20407	1#0	21.08	0.13
Band5	QPSK	1.4	20525	1#0	21.94	0.16
Band5	QPSK	1.4	20643	1#0	20.88	0.12
Band5	16QAM	1.4	20407	1#0	20.31	0.11
Band5	16QAM	1.4	20525	1#0	20.20	0.10
Band5	16QAM	1.4	20643	1#0	21.06	0.13
Band5	64QAM	1.4	20407	1#0	20.34	0.11
Band5	64QAM	1.4	20525	1#0	20.33	0.11
Band5	64QAM	1.4	20643	1#0	20.05	0.10
Band5	QPSK	3	20415	1#0	21.18	0.13
Band5	QPSK	3	20525	1#0	20.90	0.12
Band5	QPSK	3	20635	1#0	21.44	0.14
Band5	16QAM	3	20415	1#0	21.09	0.13
Band5	16QAM	3	20525	1#0	20.57	0.11
Band5	16QAM	3	20635	1#0	19.76	0.09
Band5	64QAM	3	20415	1#0	20.65	0.12
Band5	64QAM	3	20525	1#0	19.97	0.10
Band5	64QAM	3	20635	1#0	21.12	0.13
Band5	QPSK	5	20425	1#0	21.11	0.13
Band5	QPSK	5	20525	1#0	21.34	0.14
Band5	QPSK	5	20625	1#0	21.11	0.13
Band5	16QAM	5	20425	1#0	20.84	0.12
Band5	16QAM	5	20525	1#0	20.19	0.10
Band5	16QAM	5	20625	1#0	20.46	0.11
Band5	64QAM	5	20425	1#0	21.22	0.13
Band5	64QAM	5	20525	1#0	20.02	0.10
Band5	64QAM	5	20625	1#0	20.60	0.11
Band5	QPSK	10	20450	1#0	20.82	0.12
Band5	QPSK	10	20525	1#0	22.00	0.16
Band5	QPSK	10	20600	1#0	21.14	0.13
Band5	16QAM	10	20450	1#0	20.93	0.12
Band5	16QAM	10	20525	1#0	20.92	0.12
Band5	16QAM	10	20600	1#0	19.89	0.10
Band5	64QAM	10	20450	1#0	20.93	0.12
Band5	64QAM	10	20525	1#0	20.66	0.12
Band5	64QAM	10	20600	1#0	20.28	0.11

Test result:

Channel 20450(10MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.54	-52.84	-13	Vertical
1667.74	-51.88	-13	Vertical
2533.60	-44.12	-13	Vertical
2574.78	-43.40	-13	Vertical
8963.32	-40.13	-13	Vertical
9970.62	-35.98	-13	Vertical

Channel 20525(10MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.98	-52.65	-13	Vertical
1666.88	-52.03	-13	Vertical
2532.40	-43.97	-13	Vertical
2574.33	-43.40	-13	Vertical
8963.57	-39.50	-13	Vertical
9968.15	-36.10	-13	Vertical

Channel 20600(10MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.61	-52.01	-13	Vertical
1665.60	-51.89	-13	Vertical
2535.16	-43.67	-13	Vertical
2575.79	-42.92	-13	Vertical
8964.03	-39.62	-13	Vertical
9970.07	-36.00	-13	Vertical

LTE band 7

Test result:

UANT and LANT are both verified, and the LANT is selected as the worst mode for testing.

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band7	QPSK	5	20775	1#0	24.25	0.27
Band7	QPSK	5	21100	1#0	24.16	0.26
Band7	QPSK	5	21425	1#0	24.73	0.30
Band7	16QAM	5	20775	1#0	24.09	0.26
Band7	16QAM	5	21100	1#0	24.10	0.26
Band7	16QAM	5	21425	1#0	23.96	0.25
Band7	64QAM	5	20775	1#0	24.53	0.28
Band7	64QAM	5	21100	1#0	23.55	0.23
Band7	64QAM	5	21425	1#0	23.35	0.22
Band7	QPSK	10	20800	1#0	24.54	0.28
Band7	QPSK	10	21100	1#0	24.51	0.28
Band7	QPSK	10	21400	1#0	24.82	0.30
Band7	16QAM	10	20800	1#0	24.64	0.29
Band7	16QAM	10	21100	1#0	23.90	0.25
Band7	16QAM	10	21400	1#0	24.70	0.29
Band7	64QAM	10	20800	1#0	24.83	0.30
Band7	64QAM	10	21100	1#0	24.39	0.28
Band7	64QAM	10	21400	1#0	24.62	0.29
Band7	QPSK	15	20825	1#0	25.15	0.33
Band7	QPSK	15	21100	1#0	24.62	0.29
Band7	QPSK	15	21375	1#0	25.13	0.33
Band7	16QAM	15	20825	1#0	24.81	0.30
Band7	16QAM	15	21100	1#0	24.39	0.27
Band7	16QAM	15	21375	1#0	24.70	0.29
Band7	64QAM	15	20825	1#0	24.83	0.30
Band7	64QAM	15	21100	1#0	23.70	0.23
Band7	64QAM	15	21375	1#0	23.44	0.22
Band7	QPSK	20	20850	1#0	23.74	0.24
Band7	QPSK	20	21100	1#0	24.77	0.30
Band7	QPSK	20	21350	1#0	24.56	0.29
Band7	16QAM	20	20850	1#0	23.77	0.24
Band7	16QAM	20	21100	1#0	24.03	0.25
Band7	16QAM	20	21350	1#0	23.46	0.22
Band7	64QAM	20	20850	1#0	25.18	0.33
Band7	64QAM	20	21100	1#0	24.07	0.26
Band7	64QAM	20	21350	1#0	23.52	0.22



Test result:

Channel 20850(20MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.50	-53.04	-25	Vertical
2779.74	-51.89	-25	Vertical
3727.39	-44.03	-25	Vertical
6677.42	-43.46	-25	Vertical
9964.97	-40.30	-25	Vertical
17823.59	-35.70	-25	Vertical

Channel 21100(20MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2452.88	-52.49	-25	Vertical
2780.72	-51.74	-25	Vertical
3728.14	-43.58	-25	Vertical
6679.87	-43.14	-25	Vertical
9964.04	-39.40	-25	Vertical
17824.17	-35.99	-25	Vertical

Channel 21350(20MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2455.00	-53.13	-25	Vertical
2781.39	-51.49	-25	Vertical
3729.87	-43.38	-25	Vertical
6679.93	-43.85	-25	Vertical
9961.51	-39.47	-25	Vertical
17821.68	-36.18	-25	Vertical

LTE band 12

Test result:

UANT and LANT are both verified, and the LANT is selected as the worst mode for testing.

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band12	QPSK	1.4	23017	1#0	19.34	0.09
Band12	QPSK	1.4	23095	1#0	19.49	0.09
Band12	QPSK	1.4	23173	1#0	20.35	0.11
Band12	16QAM	1.4	23017	1#0	18.32	0.07
Band12	16QAM	1.4	23095	1#0	18.75	0.07
Band12	16QAM	1.4	23173	1#0	19.51	0.09
Band12	64QAM	1.4	23017	1#0	18.11	0.06
Band12	64QAM	1.4	23095	1#0	18.52	0.07
Band12	64QAM	1.4	23173	1#0	18.82	0.08
Band12	QPSK	3	23025	1#0	19.06	0.08
Band12	QPSK	3	23095	1#0	20.05	0.10
Band12	QPSK	3	23165	1#0	19.09	0.08
Band12	16QAM	3	23025	1#0	19.50	0.09
Band12	16QAM	3	23095	1#0	19.63	0.09
Band12	16QAM	3	23165	1#0	19.56	0.09
Band12	64QAM	3	23025	1#0	18.38	0.07
Band12	64QAM	3	23095	1#0	19.10	0.08
Band12	64QAM	3	23165	1#0	18.30	0.07
Band12	QPSK	5	23035	1#0	19.48	0.09
Band12	QPSK	5	23095	1#0	19.83	0.10
Band12	QPSK	5	23155	1#0	20.47	0.11
Band12	16QAM	5	23035	1#0	19.12	0.08
Band12	16QAM	5	23095	1#0	19.61	0.09
Band12	16QAM	5	23155	1#0	19.48	0.09
Band12	64QAM	5	23035	1#0	18.82	0.08
Band12	64QAM	5	23095	1#0	18.95	0.08
Band12	64QAM	5	23155	1#0	19.39	0.09
Band12	QPSK	10	23060	1#0	19.55	0.09
Band12	QPSK	10	23095	1#0	19.62	0.09
Band12	QPSK	10	23130	1#0	20.32	0.11
Band12	16QAM	10	23060	1#0	18.64	0.07
Band12	16QAM	10	23095	1#0	19.11	0.08
Band12	16QAM	10	23130	1#0	19.56	0.09
Band12	64QAM	10	23060	1#0	18.41	0.07
Band12	64QAM	10	23095	1#0	19.47	0.09
Band12	64QAM	10	23130	1#0	19.03	0.08

Test result:

Channel 23060(10MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.88	-52.07	-13	Vertical
1667.59	-51.10	-13	Vertical
2533.54	-43.18	-13	Vertical
2574.69	-43.14	-13	Vertical
8963.08	-39.54	-13	Vertical
9970.64	-36.02	-13	Vertical

Channel 23095(10MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.06	-52.70	-13	Vertical
1664.35	-51.45	-13	Vertical
2532.79	-43.44	-13	Vertical
2575.90	-43.09	-13	Vertical
8964.95	-40.02	-13	Vertical
9969.88	-35.57	-13	Vertical

Channel 23130(10MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.08	-52.44	-13	Vertical
1664.42	-51.29	-13	Horizontal
2534.98	-43.84	-13	Vertical
2573.82	-43.49	-13	Vertical
8964.91	-39.72	-13	Vertical
9967.83	-35.35	-13	Vertical

LTE band 13

Test result:

UANT and LANT are both verified, and the UANT is selected as the worst mode for testing.

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band13	QPSK	5	23205	1#0	24.08	0.256
Band13	QPSK	5	23230	1#0	24.18	0.262
Band13	QPSK	5	23255	1#0	24.11	0.258
Band13	16QAM	5	23205	1#0	23.03	0.201
Band13	16QAM	5	23230	1#0	22.82	0.192
Band13	16QAM	5	23255	1#0	23.08	0.203
Band13	64QAM	5	23205	1#0	22.77	0.189
Band13	64QAM	5	23230	1#0	23.03	0.201
Band13	64QAM	5	23255	1#0	23.15	0.206
Band13	QPSK	10	23230	1#0	24.17	0.261
Band13	16QAM	10	23230	1#0	24.04	0.253
Band13	64QAM	10	23230	1#0	24.16	0.260

Test result:

Channel 23180(10MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1647.88	-52.07	-13	Vertical
1667.59	-51.10	-13	Vertical
2533.54	-43.18	-13	Vertical
2574.69	-43.14	-13	Vertical
8963.08	-39.54	-13	Vertical
9970.64	-36.02	-13	Vertical

Channel 23230(10MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1648.06	-52.70	-13	Vertical
1664.35	-51.45	-13	Vertical
2532.79	-43.44	-13	Vertical
2575.90	-43.09	-13	Vertical
8964.95	-40.02	-13	Vertical
9969.88	-35.57	-13	Vertical

Channel 23279(10MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
1650.08	-52.44	-13	Vertical
1664.42	-51.29	-13	Horizontal
2534.98	-43.84	-13	Vertical
2573.82	-43.49	-13	Vertical
8964.91	-39.72	-13	Vertical
9967.83	-35.35	-13	Vertical

LTE band 66

Test result:

UANT and LANT are both verified, and the LANT is selected as the worst mode for testing.

band	Modulation	BW (MHz)	Channel	RB/ RB offset	EIRP/ERP (dBm)	EIRP/ERP (W)
Band66	QPSK	1.4	131979	1#0	24.26	0.27
Band66	QPSK	1.4	132322	1#0	24.52	0.28
Band66	QPSK	1.4	132665	1#0	24.23	0.26
Band66	16QAM	1.4	131979	1#0	23.17	0.21
Band66	16QAM	1.4	132322	1#0	23.39	0.22
Band66	16QAM	1.4	132665	1#0	22.73	0.19
Band66	64QAM	1.4	131979	1#0	24.27	0.27
Band66	64QAM	1.4	132322	1#0	23.17	0.21
Band66	64QAM	1.4	132665	1#0	23.38	0.22
Band66	QPSK	3	131987	1#0	23.73	0.24
Band66	QPSK	3	132322	1#0	25.14	0.33
Band66	QPSK	3	132657	1#0	23.78	0.24
Band66	16QAM	3	131987	1#0	23.98	0.25
Band66	16QAM	3	132322	1#0	23.50	0.22
Band66	16QAM	3	132657	1#0	23.60	0.23
Band66	64QAM	3	131987	1#0	23.84	0.24
Band66	64QAM	3	132322	1#0	23.76	0.24
Band66	64QAM	3	132657	1#0	23.81	0.24
Band66	QPSK	5	131997	1#0	24.55	0.28
Band66	QPSK	5	132322	1#0	24.46	0.28
Band66	QPSK	5	132647	1#0	24.45	0.28
Band66	16QAM	5	131997	1#0	24.08	0.26
Band66	16QAM	5	132322	1#0	23.33	0.22
Band66	16QAM	5	132647	1#0	23.60	0.23
Band66	64QAM	5	131997	1#0	23.85	0.24
Band66	64QAM	5	132322	1#0	23.79	0.24
Band66	64QAM	5	132647	1#0	23.59	0.23
Band66	QPSK	10	132022	1#0	24.90	0.31
Band66	QPSK	10	132322	1#0	24.37	0.27
Band66	QPSK	10	132622	1#0	23.98	0.25
Band66	16QAM	10	132022	1#0	23.67	0.23
Band66	16QAM	10	132322	1#0	24.13	0.26
Band66	16QAM	10	132622	1#0	23.68	0.23
Band66	64QAM	10	132022	1#0	24.03	0.25
Band66	64QAM	10	132322	1#0	23.41	0.22
Band66	64QAM	10	132622	1#0	24.16	0.26
Band66	QPSK	15	132047	1#0	25.00	0.32
Band66	QPSK	15	132322	1#0	24.49	0.28
Band66	QPSK	15	132597	1#0	24.50	0.28
Band66	16QAM	15	132047	1#0	24.06	0.25



Band66	16QAM	15	132322	1#0	22.89	0.19
Band66	16QAM	15	132597	1#0	23.88	0.24
Band66	64QAM	15	132047	1#0	23.09	0.20
Band66	64QAM	15	132322	1#0	23.61	0.23
Band66	64QAM	15	132597	1#0	23.36	0.22
Band66	QPSK	20	132072	1#0	24.36	0.27
Band66	QPSK	20	132322	1#0	25.11	0.32
Band66	QPSK	20	132572	1#0	24.72	0.30
Band66	16QAM	20	132072	1#0	24.00	0.25
Band66	16QAM	20	132322	1#0	23.80	0.24
Band66	16QAM	20	132572	1#0	23.68	0.23
Band66	64QAM	20	132072	1#0	24.19	0.26
Band66	64QAM	20	132322	1#0	23.48	0.22
Band66	64QAM	20	132572	1#0	23.83	0.24

Test result:

Channel 132072(20MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.63	-52.60	-13	Vertical
2781.36	-51.60	-13	Vertical
3730.83	-43.91	-13	Vertical
6678.13	-43.88	-13	Vertical
9963.40	-39.54	-13	Vertical
17822.32	-36.05	-13	Vertical

Channel 132322(20MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.87	-53.15	-13	Vertical
2781.16	-52.06	-13	Vertical
3730.58	-44.17	-13	Vertical
6679.88	-43.33	-13	Vertical
9963.85	-40.11	-13	Vertical
17823.81	-35.38	-13	Vertical

Channel 132572(20MHz)

Frequency (MHz)	Power (dBm)	Limited (dBm)	Polarization
2454.21	-52.32	-13	Vertical
2779.64	-51.35	-13	Vertical
3730.43	-43.96	-13	Vertical
6677.93	-43.03	-13	Vertical
9962.45	-40.31	-13	Vertical
17823.66	-35.52	-13	Vertical

---End of the test report---