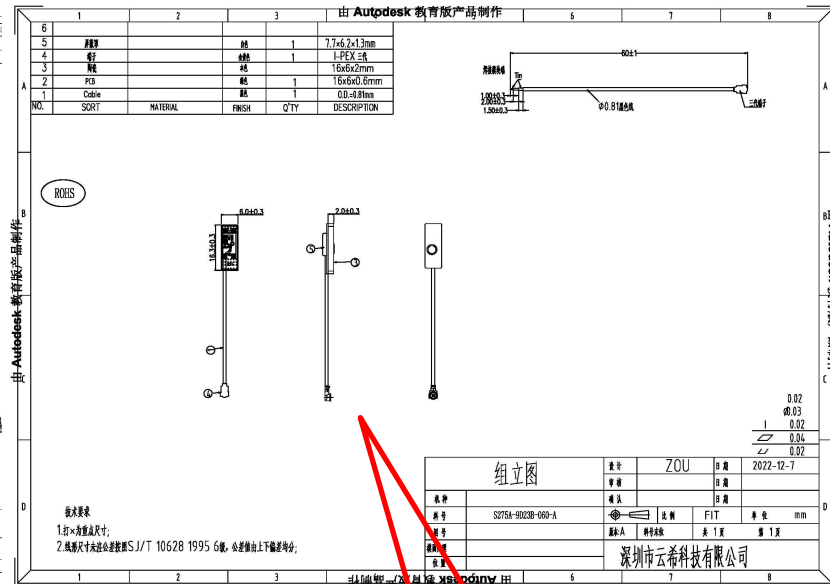
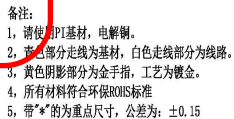
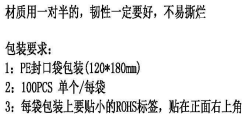
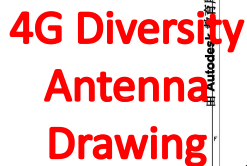
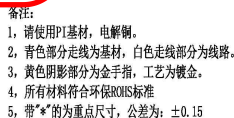
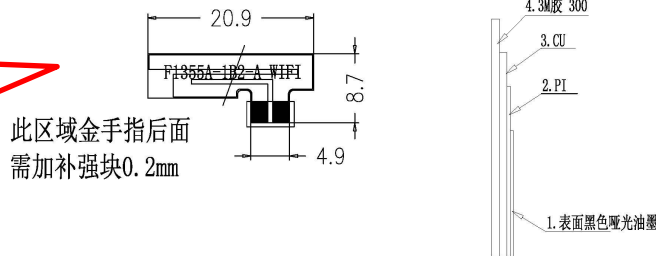
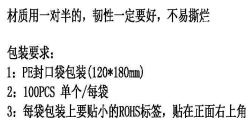
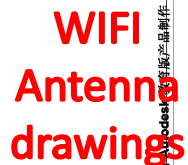
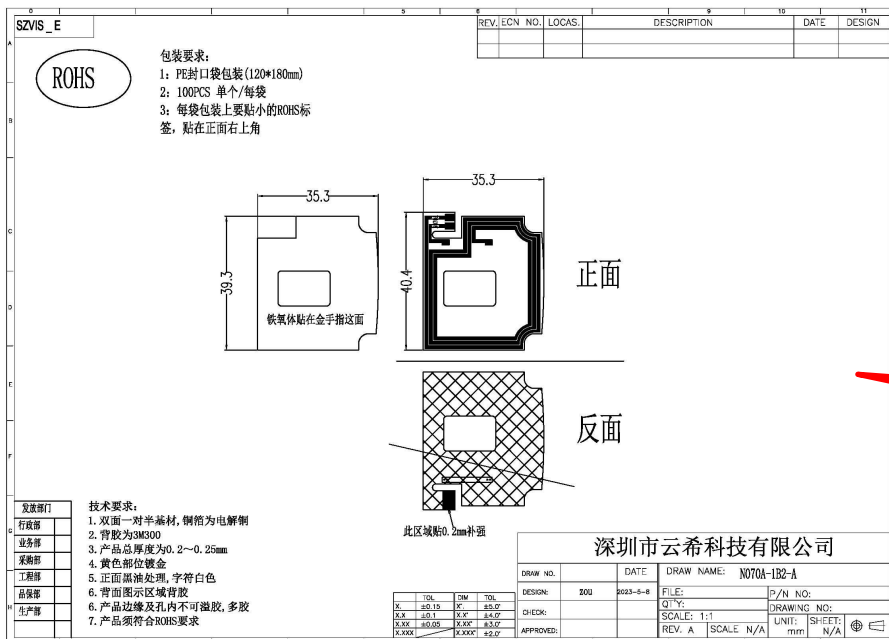


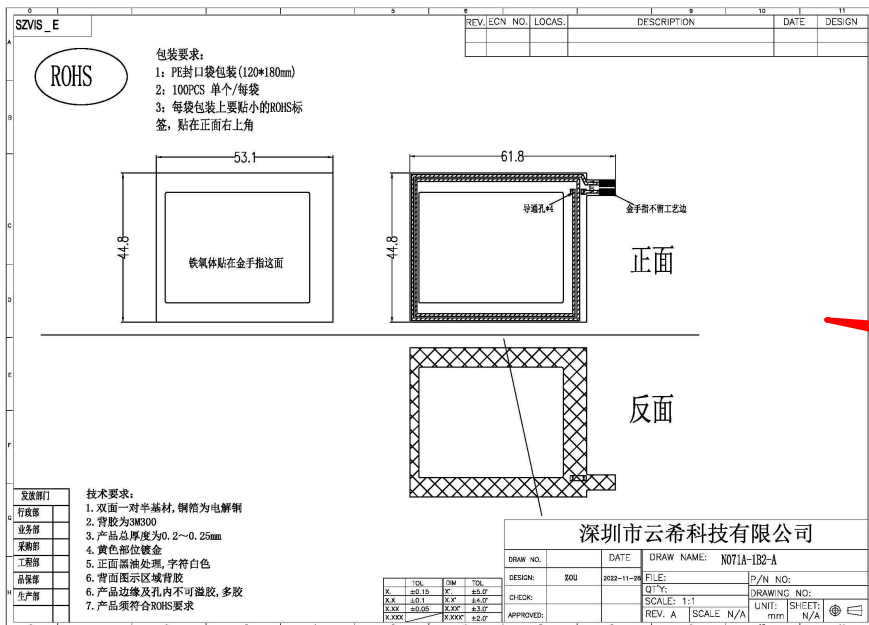


Antenna drawings



(No screen)

NFC antenna drawings



(With screen)

NFC antenna drawings

3D.TRP & TIS in free-space

Application Information				Application Information				Application Information				Application Information			
04Version		5.230.336		04Version		5.230.336		04Version		5.230.336		04Version		5.230.336	
TotalTime		15m 24s 112ms		TotalTime		5m 32s 169ms		TotalTime		15m 14s 736ms		TotalTime		5m 32s 169ms	
AdditionalInfor		802.11b : 11MBps		AdditionalInfor		802.11a : 54MBps		AdditionalInfor		802.11b : 11MBps		AdditionalInfor		802.11a : 54MBps	
Test Result	Wifi 2G TRP			Test Result	ifi 5G TRP			Test Result	Wifi 2G TRP			Test Result	ifi 5G TRP		
	1	7	13		149				1	7	13		149		
Frequency (MHz)	2412	2442	2472	Frequency (MHz)	5745			Frequency (MHz)	2412	2442	2472	Frequency (MHz)	5745		
TRP (dBm)	7.23	7.84	8.85	TRP (dBm)	6.89			TRP (dBm)	7.25	7.39	7.64	TRP (dBm)	6.75		
NHPRP (dBm)	5.67	6.22	7.15	NHPRP (dBm)	4.64			NHPRP (dBm)	5.01	3.03	3.25	NHPRP (dBm)	3.3		
MAX (dBm)	11.21	11.51	13.21	MAX (dBm)	9.77			MAX (dBm)	11.67	11.96	11.78	MAX (dBm)	9.98		
EIRP peak	11.21	11.51	13.21	EIRP peak	9.77			EIRP peak	11.67	9.96	9.78	EIRP peak	9.98		
Min (dBm)	-4.34	-7.65	-0.07	Min (dBm)	-3.34			Min (dBm)	-10.22	-8.67	-5.53	Min (dBm)	-4.36		
Attenuation Horiz	20.68	20.8	21.12	Attenuation Horiz	30.42			Attenuation Horiz	20.68	20.8	21.12	Attenuation Horiz	30.42		
Attenuation Vertic	21.16	21.06	21.2	Attenuation Vertic	30.38			Attenuation Vertic	21.16	21.06	21.2	Attenuation Vertic	30.38		
Test Result	ifi 2G TIS			Test Result	ifi 5G TIS			Test Result	ifi 2G TIS			Test Result	ifi 5G TIS		
	13				149				13				149		
Frequency (MHz)	2472			Frequency (MHz)	5745			Frequency (MHz)	2472			Frequency (MHz)	5745		
TIS (dBm)	-73.27			TIS (dBm)	-65.69			TIS (dBm)	-79.03			TIS (dBm)	-67.89		
NHPIS (dBm)	-63.58		无屏有源数据	NHPIS (dBm)	-64.45			NHPIS (dBm)	-76.64		有屏有源数据	NHPIS (dBm)	-64.45		
RSSIAve	8.69			RSSIAve	6.07			RSSIAve	5.49			RSSIAve	6.07		
MaxPosRSSI	12.37			MaxPosRSSI	8.9			MaxPosRSSI	9.21			MaxPosRSSI	8.9		
MaxPosSens	-78.95			MaxPosSens	-68.53			MaxPosSens	-82.75			MaxPosSens	-69.53		
MAX (dBm)	13.05			MAX (dBm)	9.92			MAX (dBm)	9.63			MAX (dBm)	9.92		
EIS peak	13.05			EIS peak	9.92			EIS peak	9.63			EIS peak	9.92		
Min (dBm)	-0.23			Min (dBm)	-3.2			Min (dBm)	-5.68			Min (dBm)	-3.2		
Attenuation Horiz	20.96			Attenuation Horiz	30.68			Attenuation Horiz	20.96			Attenuation Horiz	30.68		
Attenuation Vertic	21.05			Attenuation Vertic	30.42			Attenuation Vertic	21.05			Attenuation Vertic	30.42		

3D.TRP & TIS in free-space

国内版

Test Result				Test Result				Test Result				Test Result			
LTE1 TRP				LTE3 TRP				LTE5 TRP				LTE8 TRP			
18050 18300 18550				19250 19575 19900				20450 20525 20600				21500 21625 21750			
Frequency (MHz)	1925	1950	1975	Frequency (MHz)	1715	1747.5	1780	Frequency (MHz)	829	836.5	844	Frequency (MHz)	885	897.5	910
TRP (dBm)	22.82	22.93	22.47	TRP (dBm)	21.6	21.26	22.48	TRP (dBm)	20.99	21	20.68	TRP (dBm)	20.16	19.45	18.52
NHPRP (dBm)	18.26	18.08	17.63	NHPRP (dBm)	17.37	17.29	18.58	NHPRP (dBm)	17.13	17.45	16.7	NHPRP (dBm)	16.15	15.59	14.55
MAX (dBm)	25.29	25.54	25.16	MAX (dBm)	24.16	23.95	24.89	MAX (dBm)	22.93	23.31	23.01	MAX (dBm)	22.69	21.66	20.6
Min (dBm)	17.74	18.52	17.55	Min (dBm)	16.06	15.49	16.94	Min (dBm)	8.7	9.22	10.6	Min (dBm)	9.48	7.59	6.77
Attenuation Horizontal	40.94	41.12	41.03	Attenuation Horizontal	39.83	39.18	40.39	Attenuation Horizontal	34.64	35.12	35.14	Attenuation Horizontal	35.35	35.27	35.31
Attenuation Vertical	40.8	41.15	41.1	Attenuation Vertical	40	39.32	40.19	Attenuation Vertical	33.82	34.38	34.5	Attenuation Vertical	35.13	35.09	35.17
Test Result				Test Result				Test Result				Test Result			
LTE1 TIS				LTE3 TIS				LTE5 TIS				LTE8 TIS			
550				1900				2600				3750			
Frequency (MHz)	2165			Frequency (MHz)	1875			Frequency (MHz)	889			Frequency (MHz)	955		
TIS (dBm)	-96.04			TIS (dBm)	-98.03			TIS (dBm)	-93.67			TIS (dBm)	-88.51		
NHPIS (dBm)	-91.07			NHPIS (dBm)	-93.9			NHPIS (dBm)	-89.66			NHPIS (dBm)	-84.92		
MAX (dBm)	-99.88			MAX (dBm)	-100.2			MAX (dBm)	-96.09			MAX (dBm)	-91.43		
Min (dBm)	-90.99			Min (dBm)	-93.4			Min (dBm)	-82.53			Min (dBm)	-79.93		
Attenuation Horizontal	41.44			Attenuation Horizontal	41.83			Attenuation Horizontal	35.35			Attenuation Horizontal	35.44		
Attenuation Vertical	41.29			Attenuation Vertical	41.56			Attenuation Vertical	35.13			Attenuation Vertical	35.9		
Test Result				Test Result				Test Result				Test Result			
LTE38 TRP				LTE39 TRP				LTE40 TRP				LTE41 TRP			
37850 38000 38150				38350 38450 38550				38750 39150 39550				40620			
Frequency (MHz)	2580	2595	2610	Frequency (MHz)	1890	1900	1910	Frequency (MHz)	2310	2350	2390	Frequency (MHz)	2593		
TRP (dBm)	19.8	19.63	19.31	TRP (dBm)	23.27	22.83	22.96	TRP (dBm)	21.32	20.46	20.46	TRP (dBm)	19.37		
NHPRP (dBm)	13.09	12.71	12.06	NHPRP (dBm)	19.06	18.54	18.4	NHPRP (dBm)	15.22	13.96	13.65	NHPRP (dBm)	12.48		
MAX (dBm)	25.08	24.75	24.31	MAX (dBm)	25.41	25.18	25.51	MAX (dBm)	26.31	25.38	25.31	MAX (dBm)	24.51		
Min (dBm)	16.35	16.81	16.3	Min (dBm)	17.51	16.55	17.61	Min (dBm)	15.78	14.44	13.36	Min (dBm)	16.49		
Attenuation Horizontal	43.94	43.88	44.21	Attenuation Horizontal	41.08	40.76	41.04	Attenuation Horizontal	42.7	42.64	43.73	Attenuation Horizontal	43.84		
Attenuation Vertical	43.87	43.81	44.14	Attenuation Vertical	40.79	40.56	40.8	Attenuation Vertical	42.61	42.69	43.82	Attenuation Vertical	43.77		
Test Result				Test Result				Test Result				Test Result			
LTE38 TRP				LTE39 TRP				LTE40 TRP				LTE41 TRP			
37850 38000 38150				38350 38450 38550				38750 39150 39550				40620			
Frequency (MHz)	2580	2595	2610	Frequency (MHz)	1890	1900	1910	Frequency (MHz)	2310	2350	2390	Frequency (MHz)	2593		
TRP (dBm)	19.8	19.63	19.31	TRP (dBm)	23.27	22.83	22.96	TRP (dBm)	21.32	20.46	20.46	TRP (dBm)	19.37		
NHPRP (dBm)	13.09	12.71	12.06	NHPRP (dBm)	19.06	18.54	18.4	NHPRP (dBm)	15.22	13.96	13.65	NHPRP (dBm)	12.48		
MAX (dBm)	25.08	24.75	24.31	MAX (dBm)	25.41	25.18	25.51	MAX (dBm)	26.31	25.38	25.31	MAX (dBm)	24.51		
Min (dBm)	16.35	16.81	16.3	Min (dBm)	17.51	16.55	17.61	Min (dBm)	15.78	14.44	13.36	Min (dBm)	16.49		
Attenuation Horizontal	43.94	43.88	44.21	Attenuation Horizontal	41.08	40.76	41.04	Attenuation Horizontal	42.7	42.64	43.73	Attenuation Horizontal	43.84		
Attenuation Vertical	43.87	43.81	44.14	Attenuation Vertical	40.79	40.56	40.8	Attenuation Vertical	42.61	42.69	43.82	Attenuation Vertical	43.77		
Test Result				Test Result				Test Result				Test Result			
LTE38 TIS				LTE39 TIS				LTE40 TIS				LTE41 TIS			
38150				38550				39550				40620			
Frequency (MHz)	2610			Frequency (MHz)	1910			Frequency (MHz)	2390			Frequency (MHz)	2593		
TIS (dBm)	-93.11			TIS (dBm)	-94.91			TIS (dBm)	-92.63			TIS (dBm)	-94.25		
NHPIS (dBm)	-87.52			NHPIS (dBm)	-90.62			NHPIS (dBm)	-85.98			NHPIS (dBm)	-88.95		
MAX (dBm)	-96.62			MAX (dBm)	-97.16			MAX (dBm)	-97.38			MAX (dBm)	-97.58		
Min (dBm)	-90.61			Min (dBm)	-89.99			Min (dBm)	-87.88			Min (dBm)	-91.27		
Attenuation Horizontal	42.64			Attenuation Horizontal	39.33			Attenuation Horizontal	42.57			Attenuation Horizontal	43.84		
Attenuation Vertical	42.57			Attenuation Vertical	39.09			Attenuation Vertical	42.66			Attenuation Vertical	43.77		
Test Result				Test Result				Test Result				Test Result			
WCDMA I TRP				WCDMA VIII TRP											
9612 9750 9888				2712 2788 2863											
Frequency (MHz)	1922.4	1950	1977.6	Frequency (MHz)	882.4	897.6	912.6								
TRP (dBm)	21.05	21.18	21.43	TRP (dBm)	19.91	19.26	19.97								
NHPRP (dBm)	16.54	16.36	16.63	NHPRP (dBm)	15.88	15.43	16.04								
MAX (dBm)	23.62	23.97	24.42	MAX (dBm)	22.38	21.35	22.14								
Min (dBm)	16.17	16.57	16.7	Min (dBm)	9.24	7.7	8.6								
Attenuation Horizontal	39.46	39.68	40.31	Attenuation Horizontal	35.4	35.25	36.99								
Attenuation Vertical	39.26	39.68	40.34	Attenuation Vertical	35.06	35.26	36.91								
Test Result				Test Result											
CDMA I TIS				CDMA VIII TIS											
10838				3088											
Frequency (MHz)	2167.6			Frequency (MHz)	957.6										
TIS (dBm)	-109.68			TIS (dBm)	-104.38										
NHPIS (dBm)	-104.47			NHPIS (dBm)	-101.02										
MAX (dBm)	-113.95			MAX (dBm)	-107.58										
Min (dBm)	-104.12			Min (dBm)	-95.61										
Attenuation Horizontal	40.75			Attenuation Horizontal	36.07										
Attenuation Vertical	40.55			Attenuation Vertical	36.81										

China version test data

3D.TRP & TIS in free-space

美版

Test Result	WCDMA II TRP			Test Result	WCDMA V TRP			Test Result	LTE12 TRP		
	9262	9400	9538		4132	4185	4233		23060	23095	23130
Frequency (MHz)	1852.4	1880	1907.6	Frequency (MHz)	826.4	837	846.6	Frequency (MHz)	703	706.5	710
TRP (dBm)	22.94	22.12	22.13	TRP (dBm)	23.25	22.75	22.7	TRP (dBm)	13.57	13.98	15.04
NHPRP (dBm)	18.45	17.21	17.41	NHPRP (dBm)	20.24	19.75	19.62	NHPRP (dBm)	9.97	10.48	11.67
MAX (dBm)	25.23	24.76	24.59	MAX (dBm)	26.01	25.64	25.72	MAX (dBm)	15.24	15.72	16.87
Min (dBm)	18.12	16.29	17.18	Min (dBm)	4.41	5.9	7.53	Min (dBm)	2.6	3.14	2.49
Attenuation Horizontal	40.75	40.02	40.06	Attenuation Horizontal	36.69	36.65	36.64	Attenuation Horizontal	34.86	34.86	35.17
Attenuation Vertical	40.37	40.08	40.09	Attenuation Vertical	35.67	35.67	36.53	Attenuation Vertical	35.43	35.43	35.6
Test Result	CDMA II TIS			Test Result	CDMA V TIS			Test Result	LTE12 TIS		
	9938				4458				5130		
Frequency (MHz)	1987.6			Frequency (MHz)	891.6			Frequency (MHz)	740		
TIS (dBm)	-110.06			TIS (dBm)	-108			TIS (dBm)	-89.28		
NHPIS (dBm)	-105.26			NHPIS (dBm)	-104.28			NHPIS (dBm)	-86.01		
MAX (dBm)	-113.57			MAX (dBm)	-110.74			MAX (dBm)	-91.56		
Min (dBm)	-105.18			Min (dBm)	-92.11			Min (dBm)	-47.51		
Attenuation Horizontal	40.18			Attenuation Horizontal	35.45			Attenuation Horizontal	34.56		
Attenuation Vertical	40.29			Attenuation Vertical	35.26			Attenuation Vertical	34.44		
Test Result	LTE2 TRP			Test Result	LTE4 TRP			Test Result	LTE5 TRP		
	18650	18900	19150		20000	20175	20350		20450	20525	20600
Frequency (MHz)	1855	1880	1905	Frequency (MHz)	1715	1732.5	1750	Frequency (MHz)	829	836.5	844
TRP (dBm)	21.32	22.43	22.55	TRP (dBm)	20.38	20.44	21.03	TRP (dBm)	21.12	21.27	20.83
NHPRP (dBm)	16.83	17.59	17.88	NHPRP (dBm)	16.72	16.79	17.33	NHPRP (dBm)	18.13	18.35	17.76
MAX (dBm)	23.6	25.11	24.92	MAX (dBm)	23.07	23.13	23.49	MAX (dBm)	23.92	24.23	23.83
Min (dBm)	17.01	16.68	17.9	Min (dBm)	16.12	15.85	16.58	Min (dBm)	7.95	10.57	11.6
Attenuation Horizontal	39.38	40.63	40.63	Attenuation Horizontal	39	39.07	39.43	Attenuation Horizontal	34.64	35.12	35.14
Attenuation Vertical	39.02	40.35	40.43	Attenuation Vertical	39	39.15	39.01	Attenuation Vertical	33.82	34.38	34.5
Test Result	LTE2 TIS			Test Result	LTE4 TIS			Test Result	LTE5 TIS		
	1150				2350				2600		
Frequency (MHz)	1985			Frequency (MHz)	2150			Frequency (MHz)	889		
TIS (dBm)	-96.68			TIS (dBm)	-95.69			TIS (dBm)	-91.47		
NHPIS (dBm)	-91.87			NHPIS (dBm)	-91.08			NHPIS (dBm)	-88.28		
MAX (dBm)	-100.32			MAX (dBm)	-100.27			MAX (dBm)	-93.63		
Min (dBm)	-92.14			Min (dBm)	-85.82			Min (dBm)	-81.47		
Attenuation Horizontal	41.14			Attenuation Horizontal	41.45			Attenuation Horizontal	35.35		
Attenuation Vertical	41.34			Attenuation Vertical	41.28			Attenuation Vertical	35.13		

US version test data

3D.TRP & TIS in free-space

欧版无屏

LTE1 TRP				LTE3 TRP				LTE7 TRP				LTE8 TRP			
Test Result	18050	18300	18550	Test Result	19250	19575	19900	Test Result	20800	21100	21400	Test Result	21500	21625	21750
Frequency (MHz)	1925	1950	1975	Frequency (MHz)	1715	1747.5	1780	Frequency (MHz)	2505	2535	2565	Frequency (MHz)	885	897.5	910
TRP (dBm)	22.27	22.16	21.75	TRP (dBm)	20.58	20.17	21.69	TRP (dBm)	19.38	19.18	19.89	TRP (dBm)	20.11	19.26	18.33
NHPRP (dBm)	17.36	17.17	16.76	NHPRP (dBm)	16.32	15.98	17.48	NHPRP (dBm)	12.9	12.74	13.32	NHPRP (dBm)	16.37	15.64	14.67
MAX (dBm)	25.49	25.73	25.83	MAX (dBm)	23.77	23.26	24.6	MAX (dBm)	24.07	23.76	24.27	MAX (dBm)	22.49	21.33	20.17
Min (dBm)	17.36	17.57	16.75	Min (dBm)	15.9	15.69	16.88	Min (dBm)	15.22	15.25	16.49	Min (dBm)	8.11	6.46	5.13
Attenuation Horizontal	40.94	41.12	41.03	Attenuation Horizontal	39.83	39.18	40.39	Attenuation Horizontal	43.22	42.33	42.26	Attenuation Horizontal	35.35	35.27	35.31
Attenuation Vertical	40.8	41.15	41.1	Attenuation Vertical	40	39.32	40.19	Attenuation Vertical	43.15	42.37	42.26	Attenuation Vertical	35.13	35.09	35.17
LTE1 TIS				LTE3 TIS				LTE7 TIS				LTE8 TIS			
Test Result	550			Test Result	1900			Test Result	3400			Test Result	3750		
Frequency (MHz)	2165			Frequency (MHz)	1875			Frequency (MHz)	2685			Frequency (MHz)	955		
TIS (dBm)	-93.79			TIS (dBm)	-96.71			TIS (dBm)	-91.86			TIS (dBm)	-87.27		
NHPIS (dBm)	-88.77			NHPIS (dBm)	-92.14			NHPIS (dBm)	-85.43			NHPIS (dBm)	-82.77		
MAX (dBm)	-98.15			MAX (dBm)	-99.66			MAX (dBm)	-96.61			MAX (dBm)	-89.92		
Min (dBm)	-87.17			Min (dBm)	-91.95			Min (dBm)	-81.78			Min (dBm)	-73.6		
Attenuation Horizontal	41.44			Attenuation Horizontal	41.83			Attenuation Horizontal	44.51			Attenuation Horizontal	35.44		
Attenuation Vertical	41.29			Attenuation Vertical	41.56			Attenuation Vertical	44.38			Attenuation Vertical	35.9		
LTE20 TRP				LTE38 TRP				LTE40 TRP				LTE41 TRP			
Test Result	24200	24300	24400	Test Result	37850	38000	38150	Test Result	38750	39150	39550	Test Result	40620		
Frequency (MHz)	837	847	857	Frequency (MHz)	2580	2595	2610	Frequency (MHz)	2310	2350	2390	Frequency (MHz)	2593		
TRP (dBm)	21.21	21.17	20.81	TRP (dBm)	19.43	21.17	21.06	TRP (dBm)	21.13	19.85	20.02	TRP (dBm)	21.31		
NHPRP (dBm)	17.73	17.42	17.08	NHPRP (dBm)	13.08	14.61	14.57	NHPRP (dBm)	16.1	14.7	14.5	NHPRP (dBm)	14.72		
MAX (dBm)	23.47	23.54	23.3	MAX (dBm)	22.05	25.53	25.55	MAX (dBm)	26.12	25.07	24.92	MAX (dBm)	25.75		
Min (dBm)	8.13	9.09	9.02	Min (dBm)	16.68	17.77	17.01	Min (dBm)	13.06	14.14	14.07	Min (dBm)	17.83		
Attenuation Horizontal	35.12	35.14	35.17	Attenuation Horizontal	43.94	43.88	44.21	Attenuation Horizontal	42.7	42.64	43.73	Attenuation Horizontal	43.84		
Attenuation Vertical	34.38	34.5	34.58	Attenuation Vertical	43.87	43.81	44.14	Attenuation Vertical	42.61	42.69	43.82	Attenuation Vertical	43.77		
LTE20 TIS				LTE38 TIS				LTE40 TIS				LTE41 TIS			
Test Result	6400			Test Result	38150			Test Result	39550			Test Result	40620		
Frequency (MHz)	816			Frequency (MHz)	2610			Frequency (MHz)	2390			Frequency (MHz)	2593		
TIS (dBm)	-94.56			TIS (dBm)	-92.08			TIS (dBm)	-91.5			TIS (dBm)	-94.09		
NHPIS (dBm)	-91.36			NHPIS (dBm)	-85.49			NHPIS (dBm)	-85.96			NHPIS (dBm)	-87.35		
MAX (dBm)	-96.91			MAX (dBm)	-96.65			MAX (dBm)	-96.43			MAX (dBm)	-98.99		
Min (dBm)	-83.57			Min (dBm)	-87.81			Min (dBm)	-87.13			Min (dBm)	-90.26		
Attenuation Horizontal	34.83			Attenuation Horizontal	42.64			Attenuation Horizontal	42.57			Attenuation Horizontal	43.84		
Attenuation Vertical	33.91			Attenuation Vertical	42.57			Attenuation Vertical	42.66			Attenuation Vertical	43.77		
WCDMA I TRP				WCDMA V TRP				WCDMA VIII TRP							
Test Result	9612	9750	9888	Test Result	4132	4185	4233	Test Result	2712	2788	2863				
Frequency (MHz)	1922.4	1950	1977.6	Frequency (MHz)	826.4	837	846.6	Frequency (MHz)	882.4	897.6	912.6				
TRP (dBm)	21.09	21.07	21.36	TRP (dBm)	22.82	22.67	22.51	TRP (dBm)	19.87	19.1	19.67				
NHPRP (dBm)	16.11	16.03	16.3	NHPRP (dBm)	19.36	19.37	18.95	NHPRP (dBm)	16.1	15.44	16.04				
MAX (dBm)	24.33	24.75	25.57	MAX (dBm)	25.06	25.24	25	MAX (dBm)	22.25	21.21	21.55				
Min (dBm)	16.23	16.48	16.39	Min (dBm)	11.1	10.7	12.45	Min (dBm)	7.59	6.57	6.28				
Attenuation Horizontal	39.46	39.68	40.31	Attenuation Horizontal	36.69	36.65	36.64	Attenuation Horizontal	35.4	35.25	36.99				
Attenuation Vertical	39.26	39.68	40.34	Attenuation Vertical	35.67	35.67	36.53	Attenuation Vertical	35.06	35.26	36.91				
CDMA I TIS				CDMA V TIS				CDMA VIII TIS							
Test Result	10838			Test Result	4458			Test Result	3088						
Frequency (MHz)	2167.6			Frequency (MHz)	891.6			Frequency (MHz)	957.6						
TIS (dBm)	-109.59			TIS (dBm)	-108.65			TIS (dBm)	-103.33						
NHPIS (dBm)	-104.85			NHPIS (dBm)	-104.95			NHPIS (dBm)	-99.88						
MAX (dBm)	-113.51			MAX (dBm)	-110.99			MAX (dBm)	-106.29						
Min (dBm)	-102.35			Min (dBm)	-96.19			Min (dBm)	-91.93						
Attenuation Horizontal	40.75			Attenuation Horizontal	35.45			Attenuation Horizontal	36.07						
Attenuation Vertical	40.55			Attenuation Vertical	35.26			Attenuation Vertical	36.81						

European version test data (No screen)

3D.TRP & TIS in free-space

欧版有屏

版本有屏															
Test Result				Test Result				Test Result				Test Result			
LTE1 TRP				LTE3 TRP				LTE7 TRP				LTE8 TRP			
Frequency (MHz)	18050	18300	18550	Frequency (MHz)	19250	19575	19900	Frequency (MHz)	20800	21100	21400	Frequency (MHz)	21500	21625	21750
TRP (dBm)	22.09	22.18	21.98	TRP (dBm)	21.05	20.69	22.13	TRP (dBm)	18.38	18.35	19.21	TRP (dBm)	19.81	19.01	18.2
NHPRP (dBm)	17.62	17.66	17.37	NHPRP (dBm)	17.24	16.88	18.25	NHPRP (dBm)	11.68	11.33	11.72	NHPRP (dBm)	16.28	15.59	14.84
MAX (dBm)	25.11	25.44	25.53	MAX (dBm)	24.02	23.65	25	MAX (dBm)	23.83	24	24.87	MAX (dBm)	22.15	21.22	20.18
Min (dBm)	16.8	16.44	17.14	Min (dBm)	16.43	15.52	16.2	Min (dBm)	14.38	15.28	15.31	Min (dBm)	10.83	9.17	8.47
Attenuation Horizontal	40.94	41.12	41.03	Attenuation Horizontal	39.83	39.18	40.39	Attenuation Horizontal	43.22	42.33	42.26	Attenuation Horizontal	35.35	35.27	35.31
Attenuation Vertical	40.8	41.15	41.1	Attenuation Vertical	40	39.32	40.19	Attenuation Vertical	43.15	42.37	42.26	Attenuation Vertical	35.13	35.09	35.17
Test Result				Test Result				Test Result				Test Result			
LTE1 TIS				LTE3 TIS				LTE7 TIS				LTE8 TIS			
Frequency (MHz)	550	2165		Frequency (MHz)	1900	1875		Frequency (MHz)	3400	2685		Frequency (MHz)	3750	955	
TIS (dBm)	-96.15			TIS (dBm)	-97.28			TIS (dBm)	-91.74			TIS (dBm)	-88.69		
NHPIS (dBm)	-91.39			NHPIS (dBm)	-92.92			NHPIS (dBm)	-86.52			NHPIS (dBm)	-85.7		
MAX (dBm)	-100.61			MAX (dBm)	-100.41			MAX (dBm)	-97.09			MAX (dBm)	-91.76		
Min (dBm)	-88.04			Min (dBm)	-91.78			Min (dBm)	-85.66			Min (dBm)	-80.38		
Attenuation Horizontal	41.44			Attenuation Horizontal	41.83			Attenuation Horizontal	44.51			Attenuation Horizontal	35.44		
Attenuation Vertical	41.29			Attenuation Vertical	41.56			Attenuation Vertical	44.38			Attenuation Vertical	35.9		
Test Result				Test Result				Test Result				Test Result			
LTE20 TRP				LTE38 TRP				LTE40 TRP				LTE41 TRP			
Frequency (MHz)	24200	24300	24400	Frequency (MHz)	37850	38000	38150	Frequency (MHz)	38750	39150	39550	Frequency (MHz)			
TRP (dBm)	837	847	857	TRP (dBm)	2580	2595	2610	TRP (dBm)	2310	2350	2390	TRP (dBm)	2593		
NHPRP (dBm)	21.34	21.15	20.94	TRP (dBm)	20.83	20.65	20.58	TRP (dBm)	21.35	19.69	19.67	TRP (dBm)	20.32		
NHPRP (dBm)	18.05	17.7	17.47	NHPRP (dBm)	13.61	13.4	13.16	NHPRP (dBm)	15.59	13.82	13.75	NHPRP (dBm)	12.92		
MAX (dBm)	23.88	23.75	23.47	MAX (dBm)	26.37	26.06	25.93	MAX (dBm)	26.05	24.42	24.52	MAX (dBm)	25.62		
Min (dBm)	10.42	11.91	11.73	Min (dBm)	17.77	17.28	16.39	Min (dBm)	14.35	14.51	13.79	Min (dBm)	16.79		
Attenuation Horizontal	35.12	35.14	35.17	Attenuation Horizontal	43.94	43.88	44.21	Attenuation Horizontal	42.7	42.64	43.73	Attenuation Horizontal	43.84		
Attenuation Vertical	34.38	34.5	34.58	Attenuation Vertical	43.87	43.81	44.14	Attenuation Vertical	42.61	42.69	43.82	Attenuation Vertical	43.77		
Test Result				Test Result				Test Result				Test Result			
LTE20 TIS				LTE38 TIS				LTE40 TIS				LTE41 TIS			
Frequency (MHz)	6400	837	847	Frequency (MHz)	38150	2580	2595	Frequency (MHz)	38750	39150	39550	Frequency (MHz)	40620	2593	
TIS (dBm)	-93.56			TIS (dBm)	-91.78			TIS (dBm)	-91.6			TIS (dBm)	-93.55		
NHPIS (dBm)	-90.43			NHPIS (dBm)	-85.31			NHPIS (dBm)	-86.29			NHPIS (dBm)	-87.23		
MAX (dBm)	-95.95			MAX (dBm)	-96.6			MAX (dBm)	-95.14			MAX (dBm)	-98.45		
Min (dBm)	-80.36			Min (dBm)	-88.14			Min (dBm)	-87.09			Min (dBm)	-90.48		
Attenuation Horizontal	34.83			Attenuation Horizontal	42.64			Attenuation Horizontal	42.57			Attenuation Horizontal	43.84		
Attenuation Vertical	33.91			Attenuation Vertical	42.57			Attenuation Vertical	42.66			Attenuation Vertical	43.77		
Test Result				Test Result				Test Result				Test Result			
WCDMA I TRP				WCDMA V TRP				WCDMA VIII TRP							
Frequency (MHz)	9612	9750	9888	Frequency (MHz)	4132	4185	4233	Frequency (MHz)	2712	2788	2863				
TRP (dBm)	1922.4	1950	1977.6	TRP (dBm)	826.4	837	846.6	TRP (dBm)	882.4	897.6	912.6				
NHPRP (dBm)	21.02	21.25	21.67	TRP (dBm)	22.85	22.59	22.52	TRP (dBm)	19.66	19	19.64				
NHPRP (dBm)	16.57	16.73	17.05	NHPRP (dBm)	19.64	19.48	19.19	NHPRP (dBm)	16.1	15.58	16.3				
MAX (dBm)	24.18	24.78	25.51	MAX (dBm)	25.4	25.37	25.16	MAX (dBm)	21.99	21.18	21.64				
Min (dBm)	15.96	15.91	17.13	Min (dBm)	7.25	7.36	8.52	Min (dBm)	10.5	9.05	9.75				
Attenuation Horizontal	39.46	39.68	40.31	Attenuation Horizontal	36.69	36.65	36.64	Attenuation Horizontal	35.4	35.25	36.99				
Attenuation Vertical	39.26	39.68	40.34	Attenuation Vertical	35.67	35.67	36.53	Attenuation Vertical	35.06	35.26	36.91				
Test Result				Test Result				Test Result				Test Result			
CDMA I TIS				CDMA V TIS				CDMA VIII TIS							
Frequency (MHz)	10838			Frequency (MHz)	4458			Frequency (MHz)	3088						
TIS (dBm)	-2167.6			TIS (dBm)	-891.6			TIS (dBm)	-957.6						
NHPIS (dBm)	-109.63			NHPIS (dBm)	-108.25			NHPIS (dBm)	-103.53						
MAX (dBm)	-105.02			MAX (dBm)	-104.8			MAX (dBm)	-100.55						
Min (dBm)	-114.08			MAX (dBm)	-110.48			MAX (dBm)	-106.9						
Attenuation Horizontal	-101.37			Min (dBm)	-93.26			Min (dBm)	-95.6						
Attenuation Horizontal	40.75			Attenuation Horizontal	35.45			Attenuation Horizontal	36.07						
Attenuation Vertical	40.55			Attenuation Vertical	35.26			Attenuation Vertical	36.81						

The end , thanks!