

Appendix B. Test Results of Radiated Test

ERP/EIRP

	LTE Band 2 / 1.4MHz											
01 1		RB		Horiz	ontal	Vertical						
Channel	Modulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	2	22.39	0.1732	22.96	0.1977					
Middle	QPSK	1	2	22.05	0.1604	22.76	0.1887					
Highest		3	1	20.06	0.1014	20.44	0.1107					
Lowest		1	2	22.43	0.1750	22.78	0.1898					
Middle	16QAM	1	0	21.17	0.1309	22.14	0.1638					
Highest		3	1	19.11	0.0815	19.85	0.0966					
Limit	EIRI	o < 2W		Res	sult	PASS						

	LTE Band 2 / 3MHz											
01 1		RB		Horizo	ontal	Vert	ical					
Channel	Modulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	7	22.35	0.1717	23.08	0.2032					
Middle	QPSK	1	7	21.95	0.1567	22.77	0.1891					
Highest		1	7	22.17	0.1649	22.42	0.1745					
Lowest		1	7	21.89	0.1546	23.11	0.2045					
Middle	16QAM	1	7	22.00	0.1586	22.79	0.1900					
Highest		1	14	21.65	0.1464	21.87	0.1537					
Limit	EIRI	EIRP < 2W			sult	PASS						

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	LTE Band 2 / 5MHz											
01 1		RB		Horizo	ontal	Vert	ical					
Channel	Modulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	12	22.44	0.1753	22.96	0.1979					
Middle	QPSK	1	12	22.01	0.1590	22.56	0.1802					
Highest		1	12	21.92	0.1557	22.46	0.1763					
Lowest		1	24	22.68	0.1853	22.89	0.1946					
Middle	16QAM	1	24	21.34	0.1360	22.01	0.1589					
Highest		1	12	21.81	0.1517	22.45	0.1758					
Limit	EIRI	EIRP < 2W			sult	PASS						

	LTE Band 2 / 10MHz											
01 1		RB		Horizo	ontal	Vert	ical					
Channel	Modulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	24	22.70	0.1864	22.86	0.1931					
Middle	QPSK	1	24	21.87	0.1539	22.79	0.1901					
Highest		1	24	22.12	0.1631	22.61	0.1824					
Lowest		1	24	22.38	0.1729	22.96	0.1978					
Middle	16QAM	1	0	21.48	0.1407	22.39	0.1733					
Highest		1	24	21.84	0.1528	22.16	0.1646					
Limit	EIRI	EIRP < 2W			sult	PASS						

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	LTE Band 2 / 15MHz											
01 1		RB		Horiz	ontal	Vertical						
Channel	Modulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	37	22.79	0.1901	23.22	0.2098					
Middle	QPSK	1	37	21.89	0.1544	22.75	0.1881					
Highest		1	0	22.23	0.1670	22.99	0.1990					
Lowest		1	0	22.26	0.1681	22.20	0.1658					
Middle	16QAM	1	74	21.55	0.1429	22.25	0.1679					
Highest		1	37	21.58	0.1438	22.75	0.1884					
Limit	EIRI	o < 2W		Res	sult	PASS						

	LTE Band 2 / 20MHz											
	Modulation	F	RB	Horiz	ontal	Vert	ical					
Channel	Modulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	0	22.65	0.1841	23.13	0.2054					
Middle	QPSK	1	0	22.30	0.1697	23.01	0.2000					
Highest		1	0	21.99	0.1580	22.95	0.1971					
Lowest		1	49	21.71	0.1483	22.35	0.1719					
Middle	16QAM	1	0	21.60	0.1445	22.45	0.1756					
Highest		1	0	21.56	0.1434	22.57	0.1808					
Limit	EIRP < 2W			Result PA			SS					

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	LTE Band 4 / 1.4MHz											
01 1	Modulation	F	RB	Horiz	ontal	Vert	ical					
Channel		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		3	1	22.48	0.1771	21.93	0.1559					
Middle	QPSK	3	0	22.44	0.1755	22.16	0.1645					
Highest		1	0	23.53	0.2253	22.92	0.1958					
Lowest		1	0	22.05	0.1604	21.98	0.1577					
Middle	16QAM	1	2	22.19	0.1657	22.45	0.1760					
Highest		3	1	22.29	0.1693	22.73	0.1875					
Limit	EIRI	P < 1W		Res	sult	PASS						

	LTE Band 4 / 3MHz											
	Meduletien	F	RB	Horizo	ontal	Vert	ical					
Channel	Modulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	7	22.98	0.1988	22.21	0.1665					
Middle	QPSK	1	7	22.83	0.1920	22.77	0.1891					
Highest		1	7	23.45	0.2214	23.75	0.2371					
Lowest		1	7	22.16	0.1645	21.57	0.1436					
Middle	16QAM	1	0	22.65	0.1840	21.97	0.1574					
Highest		1	7	23.16	0.2072	22.67	0.1848					
Limit	EIRP < 1W			Result			SS					

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	LTE Band 4 / 5MHz											
01 1		RB		Horizo	ontal	Vert	ical					
Channel	Modulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	12	22.79	0.1900	21.92	0.1556					
Middle	QPSK	1	0	23.02	0.2004	22.37	0.1726					
Highest		1	12	23.25	0.2116	22.98	0.1987					
Lowest		1	12	22.77	0.1893	21.56	0.1433					
Middle	16QAM	1	0	21.87	0.1539	21.60	0.1447					
Highest		1	0	22.08	0.1614	22.22	0.1669					
Limit	EIRI	O < 1W		Res	sult	PAS	SS					

	LTE Band 4/ 10MHz											
Channal	Meduletien	F	RB	Horizo	ontal	Vert	ical					
Channel	Modulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	0	22.89	0.1946	22.10	0.1623					
Middle	QPSK	1	24	22.99	0.1990	22.52	0.1788					
Highest		1	0	23.22	0.2098	23.17	0.2074					
Lowest		1	0	22.80	0.1907	22.27	0.1687					
Middle	16QAM	1	0	23.31	0.2143	22.19	0.1655					
Highest		1	0	23.11	0.2046	22.89	0.1943					
Limit	EIRP < 1W			Res	sult	PASS						

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	LTE Band 4 / 15MHz											
01		RB		Horizo	ontal	Vert	ical					
Channel	Modulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	0	22.75	0.1885	22.27	0.1685					
Middle	QPSK	1	0	23.52	0.2247	23.02	0.2006					
Highest		1	0	23.22	0.2099	22.57	0.1807					
Lowest		1	37	22.82	0.1916	21.95	0.1567					
Middle	16QAM	1	0	22.61	0.1823	21.86	0.1533					
Highest		1	0	23.40	0.2186	22.66	0.1847					
Limit	EIRI	O < 1W		Res	sult	PAS	SS					

	LTE Band 4 / 20MHz											
		RB		Horizo	ontal	Vert	ical					
Channel	Modulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	0	22.68	0.1851	22.11	0.1625					
Middle	QPSK	1	0	23.10	0.2044	22.30	0.1700					
Highest		1	0	23.11	0.2045	22.99	0.1991					
Lowest		1	0	22.50	0.1779	21.54	0.1427					
Middle	16QAM	1	0	22.04	0.1599	21.70	0.1478					
Highest		1	0	22.14	0.1638	22.80	0.1905					
Limit	EIRP < 1W			Result			SS					

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	LTE Band 5 / 1.4MHz											
Channel		RB		Horiz	ontal	Vert	ical					
Channel	Modulation	Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)					
Lowest		3	1	20.02	0.1005	10.24	0.0106					
Middle	QPSK	3	1	19.56	0.0904	10.05	0.0101					
Highest		3	1	19.28	0.0846	10.00	0.0100					
Lowest		1	2	20.46	0.1112	9.82	0.0096					
Middle	16QAM	3	1	18.88	0.0773	9.70	0.0093					
Highest		3	1	18.43	0.0696	9.16	0.0082					
Limit	ERF	ERP < 7W			sult	PASS						

	LTE Band 5 / 3MHz											
		RB		Horiz	ontal	Vert	ical					
Channel	Modulation	Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)					
Lowest		1	0	20.39	0.1094	10.43	0.0111					
Middle	QPSK	1	7	19.99	0.0997	10.44	0.0111					
Highest		1	7	20.10	0.1022	11.37	0.0137					
Lowest		1	7	19.69	0.0931	10.12	0.0103					
Middle	16QAM	1	7	19.73	0.0940	10.74	0.0119					
Highest		1	0	18.85	0.0768	10.50	0.0112					
Limit	ERF	9 < 7W		Res	sult	PASS						

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	LTE Band 5 / 5MHz											
01 1		RB		Horizo	ontal	Vert	ical					
Channel	Modulation	Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)					
Lowest		1	12	20.52	0.1128	9.98	0.0100					
Middle	QPSK	1	12	19.93	0.0985	10.05	0.0101					
Highest		1	12	19.61	0.0915	10.59	0.0115					
Lowest		1	12	19.92	0.0983	9.74	0.0094					
Middle	16QAM	1	24	19.65	0.0923	10.00	0.0100					
Highest		1	12	19.28	0.0847	9.96	0.0099					
Limit	ERF	ERP < 7W		Result		PASS						

	LTE Band 5 / 10MHz											
Channal	Madulation	F	RB	Horiz	ontal	Vert	ical					
Channel	Modulation	Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)					
Lowest		1	24	20.32	0.1076	10.38	0.0109					
Middle	QPSK	1	24	20.11	0.1025	10.18	0.0104					
Highest		1	24	19.95	0.0988	11.01	0.0126					
Lowest		1	0	20.55	0.1134	10.18	0.0104					
Middle	16QAM	1	0	19.65	0.0923	9.82	0.0096					
Highest		1	0	20.05	0.1012	10.04	0.0101					
Limit	ERF	9 < 7W		Res	sult	PASS						

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	LTE Band 7 / 5MHz											
Ohamad	Modulation	RB		Horiz	ontal	Vert	ical					
Channel		Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	0	19.73	0.0941	20.14	0.1033					
Middle	QPSK	1	0	19.97	0.0993	20.73	0.1183					
Highest		1	12	21.17	0.1309	21.52	0.1419					
Lowest		1	12	19.72	0.0938	19.63	0.0918					
Middle	16QAM	1	0	19.33	0.0858	20.56	0.1139					
Highest		1	0	21.19	0.1314	20.25	0.1060					
Limit	EIRI	o < 2W		Res	sult	PASS						

	LTE Band 7 / 10MHz											
Channal	Meduletien	F	RB	Horizo	ontal	Vert	ical					
Channel	Modulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	24	20.13	0.1030	20.97	0.1251					
Middle	QPSK	1	0	20.12	0.1029	20.97	0.1251					
Highest		1	24	20.90	0.1230	21.34	0.1361					
Lowest		1	0	19.59	0.0910	19.58	0.0909					
Middle	16QAM	1	49	19.55	0.0901	20.14	0.1034					
Highest		1	49	20.44	0.1107	20.1208	0.1028					
Limit	EIRP < 2W			Result			SS					

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	LTE Band 7 / 15MHz											
		RB		Horiz	ontal	Vert	ical					
Channel	Modulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	0	19.69	0.0932	20.31	0.1075					
Middle	QPSK	1	0	20.32	0.1077	21.14	0.1301					
Highest		1	37	20.82	0.1209	21.00	0.1258					
Lowest		1	37	19.76	0.0946	19.79	0.0952					
Middle	16QAM	1	74	20.23	0.1055	20.69	0.1173					
Highest		1	0	19.99	0.0998	19.95	0.0989					
Limit	EIRI	o < 2W		Res	sult	PASS						

	LTE Band 7 / 20MHz											
Channal	Meduletien	F	RB	Horizo	ontal	Vert	ical					
Channel	Modulation	Size	Offset	EIRP(dBm)	EIRP(W)	EIRP(dBm)	EIRP(W)					
Lowest		1	0	19.68	0.0930	20.51	0.1125					
Middle	QPSK	1	0	20.23	0.1055	21.08	0.1282					
Highest		1	0	20.39	0.1093	21.26	0.1338					
Lowest		1	49	19.85	0.0966	20.42	0.1100					
Middle	16QAM	1	49	19.31	0.0852	19.78	0.0950					
Highest		1	49	20.56	0.1137	20.93	0.1240					
Limit	EIRP < 2W			Result PASS			SS					

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	LTE Band 12 / 1.4MHz											
01 1		RB		Horiz	ontal	Vert	ical					
Channel	Modulation	Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)					
Lowest		1	0	14.15	0.0260	1.76	0.0015					
Middle	QPSK	3	2	14.55	0.0285	2.23	0.0017					
Highest		3	2	14.92	0.0311	2.69	0.0019					
Lowest		1	0	13.41	0.0219	1.51	0.0014					
Middle	16QAM	3	1	13.80	0.0240	1.25	0.0013					
Highest		3	2	14.13	0.0259	2.10	0.0016					
Limit	ERF	ERP < 3W		Result		PASS						

	LTE Band 12 / 3MHz											
Channal	Madulation	F	RB	Horizo	ontal	Vert	ical					
Channel	Modulation	Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)					
Lowest		1	7	14.76	0.0299	2.06	0.0016					
Middle	QPSK	1	7	15.09	0.0323	2.77	0.0019					
Highest		1	14	15.50	0.0354	3.22	0.0021					
Lowest		1	7	13.99	0.0251	1.02	0.0013					
Middle	16QAM	1	7	14.65	0.0292	1.91	0.0016					
Highest		1	14	14.48	0.0281	2.03	0.0016					
Limit	ERP < 3W			Res	sult	PASS						

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	LTE Band 12 / 5MHz											
01		RB		Horiz	ontal	Vert	ical					
Channel	Modulation	Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)					
Lowest		1	12	14.99	0.0316	2.10	0.0016					
Middle	QPSK	1	0	14.87	0.0307	2.09	0.0016					
Highest		1	12	15.15	0.0327	2.63	0.0018					
Lowest		1	12	14.87	0.0307	1.61	0.0014					
Middle	16QAM	1	12	15.03	0.0319	2.36	0.0017					
Highest		1	12	14.90	0.0309	2.38	0.0017					
Limit	ERF	o < 3W		Res	sult	PASS						

	LTE Band 12 / 10MHz											
Channal	Meduletien	F	RB	Horiz	ontal	Vert	ical					
Channel	Modulation	Size	Offset	ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)					
Lowest		1	0	14.64	0.0291	1.64	0.0015					
Middle	QPSK	1	0	14.52	0.0283	1.66	0.0015					
Highest		1	0	15.07	0.0321	2.35	0.0017					
Lowest		1	0	13.95	0.0248	0.98	0.0013					
Middle	16QAM	1	0	13.90	0.0245	0.73	0.0012					
Highest		1	0	14.42	0.0276	1.02	0.0013					
Limit	ERP < 3W			Res	sult	PASS						

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			LTE	Band 17 / 5MHz	2			
Channel	Modulation	F	RB	Horiz	ontal	Vert	ical	
Channel	Wodulation	Size Offset		ERP(dBm)	ERP(W)	ERP(dBm)	ERP(W)	
Lowest		1	0	14.53	0.0284	1.54	0.0014	
Middle	QPSK	1	12	14.88	0.0307	2.77	0.0019	
Highest		1	12	15.18	0.0330	3.08	0.0020	
Lowest		1	24	14.29	0.0269	0.83	0.0012	
Middle	16QAM	1	0	14.58	0.0287	2.16	0.0016	
Highest		1	12	15.17	0.0329	3.50	0.0022	
Limit	ERF	o < 3W		Res	sult	PASS		

			LTE E	Band 17 / 10MH	z			
Channel	Modulation	F	RB	Horiz	ontal	Vert	ical	
Channel	Wodulation	Size Offset		ffset ERP(dBm) ERP(W)		ERP(dBm)	ERP(W)	
Lowest		1	0	14.77	0.0300	2.25	0.0017	
Middle	QPSK	1	0	15.03	0.0318	2.12	0.0016	
Highest		1	0	14.90	0.0309	2.21	0.0017	
Lowest		1	49	14.89	0.0309	2.61	0.0018	
Middle	16QAM	1	49	15.45	0.0350	2.89	0.0019	
Highest		1	49	15.19	0.0330	2.43	0.0018	
Limit	ERF	o < 3W		Res	sult	PASS		

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Radiated Spurious Emission

Band :		LTE Band 2	2 for CH	18607		Temperature :		23~2	5°C	
Test Mode :	:	1.4MHz QF	PSK RB	Size 1 Offs	et 0	Relative Humic	dity:	48~5	2%	
Test Engine	eer:	Leo Liao				Polarization :		Horiz	ontal	
Remark :		Spurious e	missions	below 1GI	dz were	e found more tha	an 20dB	belov	v limit line.	
Frequency	EIRF	Limit	Over	SPA	S.G	. TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)	
3700.32	-50.8	9 -13	-37.89	-64.08	-62.2	4 1.25	12.6	0	Н	Pass
5550.48	-49.6	3 -13	-36.63	-65.23	-61.3	0 1.43	13.1	0	Н	Pass
7400.64	-46.2	3 -13	-33.23	-65.19	-55.2	7 2.26	11.3	0	Н	Pass

Band :		LTE Band	2 for CH	18607	1	Tempe	erature :		23~2	25°C	
Test Mode	:	1.4MHz QF	PSK RB	Size 1 Offs	et 0	Relativ	ve Humi	dity :	48~5	52%	
Test Engin	eer :	Leo Liao				Polaria	zation :		Verti	cal	
Remark :		Spurious e	missions	below 1Gl	dz were	e found	I more th	an 20dB	belo	w limit line.	
Frequency	EIRP	Limit	Over	SPA	S.G.	. T	X Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	ı)	(dB)	(dBi	i)	(H/V)	
3700.32	-51.30	0 -13	-38.30	-63.47	-62.6	5	1.25	12.6	6	V	Pass
5550.48	-50.88	8 -13	-37.88	-65.36	-62.5	5	1.43	13.1	l	V	Pass
7400.64	-44.69	9 -13	-31.69	-65.82	-53.7	3	2.26	11.3	3	V	Pass

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Band :		LTE Band 2	2 for CH	18900		Temp	perature :		23~2	25°C	
Test Mode :	:	1.4MHz QF	SK RB	Size 1 Offse	et 0	Relat	ive Humic	dity:	48~5	52%	
Test Engine	er:	Leo Liao				Polar	rization :		Horiz	zontal	
Remark:		Spurious e	missions	below 1GH	dz were	e foun	nd more tha	an 20dB	belo	w limit line.	
Frequency	EIRE	P Limit	Over	SPA	S.G		TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n)	(dB)	(dB	i)	(H/V)	
3758.92	-51.0	4 -13	-38.04	-64.15	-62.3	39	1.25	12.6	0	Н	Pass
5638.38	-50.0	8 -13	-37.08	-65.62	-61.7	' 5	1.43	13.1	0	Н	Pass
7517.84	-46.0	3 -13	-33.03	-64.95	-55.0)7	2.26	11.3	0	Н	Pass

Band :	L	TE Band 2	2 for CH	18900		Temp	erature :		23~2	25°C	
Test Mode	: 1	.4MHz QF	PSK RB	Size 1 Offs	et 0	Relat	ive Humi	dity:	48~5	52%	
Test Engin	eer : L	eo Liao				Polar	ization :		Verti	cal	
Remark :	S	Spurious e	missions	below 1Gl	dz were	e foun	d more th	an 20dB	belo	w limit line.	
Frequency	EIRP	Limit	Over	SPA	S.G.		TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	1)	(dB)	(dBi	i)	(H/V)	
3758.92	-52.42	-13	-39.42	-64.55	-63.7	7	1.25	12.6	6	V	Pass
5638.38	-50.52	-13	-37.52	-64.93	-62.1	9	1.43	13.1	l	V	Pass
7517.84	-65.26	-13	-52.26	-65.26	-74.3	0	2.26	11.3	3	V	Pass

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Band :		LTE Band 2	2 for CH	19193		Temperatu	ire :	23~2	25°C	
Test Mode :		1.4MHz QF	SK RB	Size 1 Offs	et 0	Relative H	umidity :	48~5	52%	
Test Engine	er:	Leo Liao				Polarizatio	n :	Horiz	zontal	
Remark :		Spurious e	missions	below 1G	dz were	e found mor	e than 20dE	belo	w limit line.	
Frequency	EIRF	Limit	Over	SPA	S.G	. TX Ca	ble TX Ant	enna	Polarization	Result
			Limit	Reading	Powe	er loss	s Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	n) (dB) (dB	i)	(H/V)	
3817.52	-51.2	4 -13	-38.24	-64.29	-62.5	9 1.25	12.6	0	Н	Pass
5726.28	-48.8	6 -13	-35.86	-64.36	-60.5	3 1.43	3 13.1	0	Н	Pass
7635.04	-45.6	5 -13	-32.65	-64.68	-54.6	9 2.26	3 11.3	80	Н	Pass

Band :		LTE Band	2 for CH	19193		Temperature :		23~2	25°C	
Test Mode	:	1.4MHz QF	PSK RB	Size 1 Offs	et 0	Relative Humi	dity :	48~5	52%	
Test Engin	eer :	Leo Liao				Polarization :		Verti	cal	
Remark :		Spurious e	missions	below 1Gh	Iz were	found more th	an 20dB	belo	w limit line.	
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi	i)	(H/V)	
3817.52	-51.8	5 -13	-38.85	-64.09	-63.20	0 1.25	12.6	6	V	Pass
5726.28	-51.09	9 -13	-38.09	-65.46	-62.76	6 1.43	13.1	l	V	Pass
7635.04	-43.8	4 -13	-30.84	-64.96	-52.88	8 2.26	11.3	3	V	Pass

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Band :		LTE Band 2	2 for CH	18615		Temperature :		23~2	25°C	
Test Mode :		3MHz QPS	K RB Si	ze 1 Offset	0	Relative Humi	dity:	48~5	52%	
Test Engine	er:	Leo Liao				Polarization :		Hori	zontal	
Remark:		Spurious e	missions	below 1G	dz were	e found more th	an 20dB	belo	w limit line.	
Frequency	EIRI	P Limit	Over	SPA	S.G	. TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)	
3700.48	-50.7	'2 -13	-37.72	-63.91	-62.0	7 1.25	12.6	0	Н	Pass
5550.72	-49.3	9 -13	-36.39	-64.99	-61.0	1.43	13.1	0	Н	Pass
7400.96	-46.6	5 -13	-33.65	-65.61	-55.6	9 2.26	11.3	0	Н	Pass

Band :	L	TE Band 2	2 for CH	18615		Temperatur	e:	23~2	25°C	
Test Mode	: 3	BMHz QPS	K RB Si	ze 1 Offset	0	Relative Hu	midity :	48~5	52%	
Test Engin	eer : L	_eo Liao				Polarization	:	Verti	cal	
Remark :	9	Spurious e	missions	below 1Gl	dz were	found more	than 20dE	belo	w limit line.	
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cab	e TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dB	i)	(H/V)	
3700.48	-51.59	-13	-38.59	-63.76	-62.9	4 1.25	12.0	3	V	Pass
5550.72	-50.51	-13	-37.51	-64.99	-62.1	8 1.43	13.	1	V	Pass
7400.96	-44.33	3 -13	-31.33	-65.46	-53.3	7 2.26	11.3	3	V	Pass

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Band: LTE Band 2 for CH18900 23~25°C Temperature: Test Mode: 3MHz QPSK RB Size 1 Offset 0 **Relative Humidity:** 48~52% **Polarization:** Test Engineer : Leo Liao Horizontal Remark: Spurious emissions below 1GHz were found more than 20dB below limit line. **EIRP** SPA S.G. TX Cable **TX Antenna Polarization** Limit Over Result Frequency Reading Limit **Power** loss Gain (H/V) (dBm) (dBm) (dB) (dBm) (dBm) (dB) (dBi) (MHz) 3758.92 -51.00 -13 -38.00 -64.11 -62.35 1.25 12.60 Н Pass 5638.38 -49.43 -13 -36.43 -64.97 -61.10 1.43 13.10 Н Pass 7517.84 -45.92 -13 -32.92 -64.84 -54.96 2.26 11.30 Н Pass

								1		
Band :		LTE Band	2 for CH	18900		Temperature :		23~25°C		
Test Mode	:	3MHz QPS	SK RB Si	ize 1 Offset	0	Relative Humi	dity:	48~52%		
Test Engin	eer:	Leo Liao				Polarization :		Vertical		
Remark :		Spurious e	missions	s below 1Gł	dz were	found more th	an 20dB	below limit line.		
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cable	TX Anto	enna Polarization	Result	
Frequency	EIRF	Limit	Over Limit	SPA Reading	S.G. Powe	.,,,	TX Anto		Result	
Frequency (MHz)	EIRF					r loss		n	Result	
) (dBm)	Limit	Reading	Powe	r loss) (dB)	Gai	n i) (H/V)	Result	
(MHz)	(dBm	1) (dBm) 8 -13	Limit (dB)	Reading (dBm)	Powe (dBm	r loss) (dB) 3 1.25	Gai (dB	n i) (H/V)		

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Band :		LTE Band :	2 for CH	19185		Temperature :		23~25°C		
Test Mode :		3MHz QPS	SK RB Si	ze 1 Offset	0	Relative Humi	dity :	48~5	2%	
Test Engine	er:	Leo Liao			1	Polarization :		Horiz	ontal	
Remark :		Spurious e	missions	below 1Gl	dz were	found more th	an 20dB	belo	w limit line.	
Frequency	EIRI	P Limit	Over	SPA	S.G.	TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dB	i)	(H/V)	
3814.48	-50.7	5 -13	-37.75	-63.80	-62.10	0 1.25	12.6	in.	Н	Pass
		0 10	-31.13	00.00	-02.10	0	12.0		1.1	. 400
5721.72	-50.3		-37.33	-65.83	-62.00		13.1	•	Н	Pass

Band :	l	_TE Band 2	2 for CH	19185	1	Temperature :				23~25°C		
Test Mode	: 3	3MHz QPS	K RB Si	ze 1 Offset	0	Relative Humidity :				48~52%		
Test Engin	eer : l	_eo Liao				Polari	zation :		Verti	cal		
Remark :	9	Spurious e	missions	below 1Gl	dz were	e found	I more th	an 20dB	belo	w limit line.		
Frequency	EIRP	Limit	Over	SPA	S.G.	. T.	X Cable	TX Ante	enna	Polarization	Result	
			Limit	Reading	Powe	er	loss	Gai	n			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	ı)	(dB)	(dBi	i)	(H/V)		
3814.48	-52.12	2 -13	-39.12	-64.36	-63.4	7	1.25	12.6	6	V	Pass	
5721.72	-50.03	3 -13	-37.03	-64.4	-61.7	0	1.43	13.1	1	V	Pass	
7628.96	-43.86	6 -13	-30.86	-64.98	-52.9	0	2.26	11.3	3	V	Pass	

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Band :		LTE Band 2	2 for CH	18625		Temperature :		23~25°C		
Test Mode :		5MHz QPS	K RB Si	ze 1 Offset	0	Relative Humid	dity:	48~52%		
Test Engine	er:	Leo Liao				Polarization :		Horiz	zontal	
Remark:		Spurious e	missions	below 1GH	dz were	e found more that	an 20dB	belo	w limit line.	
Frequency	EIRF	P Limit	Over	SPA	S.G.	. TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBm	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)	
3700.68	-50.7	1 -13	-37.71	-63.90	-62.0	6 1.25	12.6	0	Н	Pass
5551.02	-49.6	9 -13	-36.69	-65.29	-61.3	6 1.43	13.1	0	Н	Pass
7401.36	-46.8	2 -13	-33.82	-65.78	-55.8	6 2.26	11.3	0	Н	Pass

Band :		LTE Band	2 for CH	18625	Te	mperature :	1	23~25°C		
Test Mode	:	5MHz QPS	SK RB Si	ze 1 Offset	0 Re	lative Humi	dity:	48~52%		
Test Engin	neer :	Leo Liao			Po	larization :	,	/ertical		
Remark :		Spurious e	missions	s below 1GH	Hz were fo	ound more th	an 20dB	below limit line.		
		•								
Frequency	EIRF	P Limit	Over	SPA	S.G.	TX Cable	•	nna Polarization	Result	
Frequency	EIRF	Limit				·	•		Result	
Frequency (MHz)	EIRF		Over	SPA	S.G.	TX Cable	TX Ante	nna Polarization	Result	
		1) (dBm)	Over Limit	SPA Reading	S.G. Power	TX Cable loss	TX Ante	nna Polarization	Result Pass	
(MHz)	(dBm	1) (dBm) 5 -13	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Ante Gain (dBi)	nna Polarization (H/V)		

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Band :		LTE Band 2	2 for CH	18900		Temperature :		23~25°C			
Test Mode :		5MHz QPS	K RB Si	ze 1 Offset	0	Relative Humic	dity:	48~5	48~52%		
Test Engine	er:	Leo Liao				Polarization :		Horiz	zontal		
Remark:		Spurious e	missions	below 1G	dz were	e found more that	an 20dB	belo	w limit line.		
Frequency	EIRF	P Limit	Over	SPA	S.G.	. TX Cable	TX Anto	enna	Polarization	Result	
			Limit	Reading	Powe	er loss	Gai	n			
(MHz)	(dBm	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)		
3755.68	-50.9	0 -13	-37.90	-64.01	-62.2	5 1.25	12.6	0	Н	Pass	
5633.52	-49.7	6 -13	-36.76	-65.30	-61.4	3 1.43	13.1	0	Н	Pass	
7511.36	-46.2	9 -13	-33.29	-65.21	-55.3	3 2.26	11.3	0	Н	Pass	

Band :		LTE Band	2 for CH	18900		Temperature :		23~25°C		
Test Mode	:	5MHz QPS	SK RB Si	ze 1 Offset	0	Relative Humi	dity :	48~52%		
Test Engir	neer :	Leo Liao			ı	Polarization :		Vertical		
Remark:		Spurious e	missions	below 1GI	dz were	found more th	an 20dB	below limit line.		
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cable	TX Ante	nna Polarization	Result	
			Limit	Reading	Powe	r loss	Gair	1		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi	(H/V)		
3755.68	-51.6	5 -13	-38.65	-63.78	-63.00	1.25	12.6	V	Pass	
5633.52	-50.5	8 -13 -37.58 -64.99				5 1.43	13.1	V	Pass	
7511.36	-43.6	4 -13	-30.64	-64.69	-52.68	3 2.26	11.3	V	Pass	

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Band :		LTE Band 2	2 for CH	19175		Temp	erature :		23~25°C			
Test Mode		5MHz QPS	K RB Si	ze 1 Offset	0	Relative Humidity :				48~52%		
Test Engine	eer :	Leo Liao				Polar	ization :		Horiz	zontal		
Remark :		Spurious e	missions	below 1GH	dz were	e foun	d more tha	an 20dB	belo	w limit line.		
Frequency	EIRI	P Limit	Over	SPA	S.G		TX Cable	TX Ante	enna	Polarization	Result	
. ,			Limit	Reading	Pow	er	loss	Gai	n			
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n)	(dB)	(dBi	i)	(H/V)		
3808	-49.1	7 -13	-36.17	-62.22	-60.5	52	1.25	12.6	0	Н	Pass	
5716	-49.6	1 -13	-36.61	-65.11	-61.2	28	1.43	13.1	0	Н	Pass	
7620	-45.6	31 -13	-32.61	-64.64	-54.6				0	Н	Pass	

Band :		TE Band	2 for CH	19175	Te	emperature :		23~25°C		
Test Mode	:	5MHz QPS	SK RB Si	ze 1 Offset	0 R	elative Humi	dity:	48~52%		
Test Engir	neer :	_eo Liao			P	olarization :		Vertical		
Remark :		Spurious e	missions	below 1GI	Hz were f	ound more th	an 20dB	below limit line.		
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TV A:-4-	nna Dalarination		
					0.0.	I A Cable	IX Ante	enna Polarization	Result	
			Limit	Reading	Power	loss	Gair		Result	
(MHz)	(dBm) (dBm)	Limit (dB)	Reading (dBm)		loss		1	Result	
(MHz) 3808	(dBm	, (,		•	Power	loss	Gair) (H/V)	Result Pass	
, ,	•	7 -13	(dB)	(dBm)	Power (dBm)	loss (dB)	Gair (dBi	(H/V)		

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Band :		LTE Band 2	2 for CH	18650		Temperature :			23~25°C		
Test Mode :		10MHz QP	SK RB S	Size 1 Offse	t O	Relative Humi	dity :	48~52%			
Test Engine	er:	Leo Liao				Polarization : Horizontal					
Remark:		Spurious e	missions	below 1GH	dz were	e found more th	an 20dB	belo	w limit line.		
Frequency	EIRF	Limit	Over	SPA	S.G.	. TX Cable	TX Anto	enna	Polarization	Result	
			Limit	Reading	Powe	er loss	Gai	n			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)		
3701.18	-50.9	9 -13	-37.99	-64.18	-62.3	4 1.25	12.6	0	Н	Pass	
5551.77	-49.9	7 -13	-36.97	-65.57	-61.6	4 1.43	13.1	0	Н	Pass	
7402.36	-46.4	0 -13	-33.40	-65.36	-55.4	4 2.26	11.3	0	Н	Pass	

Band :		LTE Band	2 for CH	18650	7	Temperature :	2	23~25°C		
Test Mode		10MHz QF	SK RB	Size 1 Offse	et 0	Relative Humi	dity: 4	8~52%		
Test Engir	neer :	Leo Liao			F	Polarization :	V	/ertical		
Remark:		Spurious e	missions	s below 1GI	Iz were	found more th	an 20dB b	elow limit line.		
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cable	TX Anter	na Polarization	Result	
			Limit	Reading	Power	r loss	Gain			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi)	(H/V)		
3701.18	-51.9	1 -13	-38.91	-64.08	-63.26	1.25	12.6	V	Pass	
5551.77	-50.8	4 -13	-37.84	-65.32	-62.51	1.43	13.1	V	Pass	
7402.36	-43.9	2 -13	-30.92	-65.05	-52.96	3 2.26	11.3	V	Pass	

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Band :		LTE Band 2	2 for CH	18900		Temperature :		23~25°C		
Test Mode :		10MHz QP	SK RB S	Size 1 Offse	t O	Relative Humid	dity:	48~52%		
Test Engine	er:	Leo Liao				Polarization :		Horiz	zontal	
Remark:		Spurious e	missions	below 1GH	dz were	e found more that	an 20dB	belo	w limit line.	
Frequency	EIRF	P Limit	Over	SPA	S.G.	. TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBm	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)	
3751.18	-51.1	6 -13	-38.16	-64.27	-62.5	1 1.25	12.6	0	Н	Pass
5626.77	-49.8	4 -13	-36.84	-65.38	-61.5	1.43	13.1	0	Н	Pass
7502.36	-46.1	2 -13	-33.12	-65.04	-55.1	6 2.26	11.3	0	Н	Pass

Band :		LTE Band	2 for CH	18900	1	Temperature :	23	23~25°C		
Test Mode	:	10MHz QF	SK RB	Size 1 Offse	et 0 F	Relative Humi	dity: 48	3~52%		
Test Engir	neer :	Leo Liao			F	Polarization :	V	ertical		
Remark :		Spurious e	missions	s below 1GI	Hz were	found more th	an 20dB b	elow limit line.		
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cable	TX Anten	na Polarization	Result	
			Limit	Reading	Power	loss	Gain			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi)	(H/V)		
3751.18	-52.0	4 -13	-39.04	-64.17	-63.39	1.25	12.6	V	Pass	
5626.77	-50.8	8 -13	-37.88	-65.29	-62.55	1.43	13.1	V	Pass	
7502.36	-43.9	0 -13	-30.90	-64.95	-52.94	2.26	11.3	V	Pass	

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Band :	L	TE Band 2	2 for CH	19150		Temp	erature :		23~25°C			
Test Mode :		10MHz QP	SK RB S	Size 1 Offse	t O	Relative Humidity :				48~52%		
Test Engine	eer: l	_eo Liao				Polar	ization :		Horiz	zontal		
Remark:		Spurious e	missions	below 1GH	dz were	e foun	d more tha	an 20dB	belo	w limit line.		
Frequency	EIRP	Limit	Over	SPA	S.G		TX Cable	TX Ante	enna	Polarization	Result	
			Limit	Reading	Powe	er	loss	Gai	n			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBn	n)	(dB)	(dBi	i)	(H/V)		
3801.18	-51.55	5 -13	-38.55	-64.60	-62.9	00	1.25	12.6	0	Н	Pass	
5701.77	-49.28	3 -13	-36.28	-64.78	-60.9)5	1.43	13.1	0	Н	Pass	
7602.36	-45.18	3 -13	-32.18	-64.21	-54.2	22	2.26	11.3	0	Н	Pass	

Band :		_TE Band :	2 for CH	19150		Temperature :			23~25°C		
Test Mode	:	10MHz QP	SK RB S	Size 1 Offse	et O	Relative Humidity :			48~52%		
Test Engir	neer :	_eo Liao				Polarization :		Verti	cal		
Remark :	;	Spurious e	missions	below 1Gl	dz were	e found more t	han 20dB	belo	w limit line.		
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna	Polarization	Result	
			Limit	Reading	Powe	er loss	Gai	n			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dB	i)	(H/V)		
3801.18	-52.32	2 -13	-39.32	-64.56	-63.6	7 1.25	12.6	3	V	Pass	
5701.77	-50.82	2 -13	-37.82	-65.19	-62.4	9 1.43	13.	1	V	Pass	
7602.36	-43.64	1 -13	-30.64	-64.76	-52.6	8 2.26	11.3	3	V	Pass	

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Band :		LTE Band 2	2 for CH	18675		Temperature :			23~25°C			
Test Mode :		15MHz QP	SK RB S	Size 1 Offse	t O	0 Relative Humidity:			48~5	48~52%		
Test Engine	er:	Leo Liao				Polarization : Hori				zontal		
Remark:		Spurious e	missions	below 1GH	dz were	e found n	nore th	an 20dB	belo	w limit line.		
Frequency	EIRI	P Limit	Over	SPA	S.G	. TX	Cable	TX Ante	enna	Polarization	Result	
			Limit	Reading	Powe	er lo	oss	Gai	n			
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)		
3701.68	-50.7	4 -13	-37.74	-63.93	-62.0	9 1	.25	12.6	0	Н	Pass	
5552.52	-50.3	0 -13	-37.30	-65.90	-61.9	7 1	.43	13.1	0	Н	Pass	
7403.36	-45.2	7 -13	-32.27	-64.23	-54.3	1 2	2.26	11.3	0	Н	Pass	

Band :		LTE Band 2	2 for CH	18675		Temperature :		23~25°C		
Test Mode	:	15MHz QP	SK RB S	Size 1 Offse	et O	Relative Humi	dity :	48~52%		
Test Engir	neer:	Leo Liao				Polarization :		Vertical		
Remark:		Spurious e	missions	below 1Gl	dz were	found more th	an 20dB	below limit line.		
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna Polarization	Result	
			Limit	Reading	Powe	er loss	Gaiı	า		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi) (H/V)		
3701.68	-51.4	5 -13	-38.45	-63.62	-62.80	0 1.25	12.6	S V	Pass	
5552.52	-50.7	7 -13	-37.77	-65.25	-62.4	4 1.43	13.1	V	Pass	
7403.36	-44.1	0 -13	-31.10	-65.23	-53.14	4 2.26	11.3	8 V	Pass	

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Band :		LTE Band 2	2 for CH	18900		Temperature :	23~25°C				
Test Mode :		15MHz QP	SK RB S	Size 1 Offse	et O	Relative Humidity :			48~52%		
Test Engine	er:	Leo Liao				Polarization :		Horiz	zontal		
Remark:		Spurious e	missions	below 1G	dz were	e found more th	an 20dB	belo	w limit line.		
Frequency	EIRF	P Limit	Over	SPA	S.G	. TX Cable	TX Anto	enna	Polarization	Result	
			Limit	Reading	Powe	er loss	Gai	n			
(MHz)	(dBm	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)		
3746.68	-50.7	7 -13	-37.77	-63.88	-62.1	2 1.25	12.6	0	Н	Pass	
5620.02	-49.9	4 -13	-36.94	-65.48	-61.6	1.43	13.1	0	Н	Pass	
7493.36	-46.4	1 -13	-33.41	-65.33	-55.4	5 2.26	11.3	0	Н	Pass	

Band :		LTE Band	2 for CH	18900	1	Temperature:	2	23~25°C		
Test Mode	:	15MHz QF	SK RB	Size 1 Offse	et 0 F	Relative Humi	dity: 4	48~52%		
Test Engin	neer :	Leo Liao			F	Polarization :	V	ertical		
Remark:		Spurious e	missions	below 1GI	dz were	found more th	an 20dB b	elow limit line.		
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cable	TX Anten	na Polarization	Result	
			Limit	Reading	Power	r loss	Gain			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi)	(H/V)		
3746.68	-51.8	1 -13	-38.81	-63.94	-63.16	1.25	12.6	V	Pass	
5620.02	-50.1	5 -13	-37.15	-64.56	-61.82	1.43	13.1	V	Pass	
7493.36	-44.4	5 -13	-31.45	-65.5		49 2.26 11.3 V			Pass	

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-51.55

-49.79

-45.75

-13

-13

-13

-38.55

-36.79

-32.75

-64.60

-65.29

-64.78

3791.68

5687.52

7583.36

Band: LTE Band 2 for CH19125 23~25°C Temperature: Test Mode: 15MHz QPSK RB Size 1 Offset 0 **Relative Humidity:** 48~52% Horizontal Test Engineer : Leo Liao **Polarization:** Spurious emissions below 1GHz were found more than 20dB below limit line. Remark: **EIRP** SPA S.G. TX Cable **TX Antenna Polarization** Limit Result Frequency Over Reading Limit **Power** loss Gain (H/V) (dBm) (dBm) (dB) (dBm) (dBm) (dB) (dBi) (MHz)

-62.90

-61.46

-54.79

1.25

1.43

2.26

12.60

13.10

11.30

Band :		LTE Band	2 for CH	19125	1	Temperature :		23~25°C		
Test Mode	:	15MHz QP	SK RB	Size 1 Offse	et O F	Relative Humi	dity :	48~52%		
Test Engir	neer :	Leo Liao			F	Polarization :		Vertical		
Remark :		Spurious e	missions	below 1GI	dz were	found more th	an 20dB	below limit line.		
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna Polarization	Result	
			Limit	Reading	Powe	r loss	Gaiı	า		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi) (H/V)		
3791.68	-51.3	7 -13	-38.37	-63.61	-62.72	2 1.25	12.6	S V	Pass	
5687.52	-50.2	5 -13	-37.25	-64.62	-61.92	1.43	13.1	V	Pass	

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Н

Н

Н

Pass

Pass

Pass



Band :		LTE Band 2	2 for CH	18700		Temperature :			23~25°C		
Test Mode :		20MHz QP	SK RB S	Size 1 Offse	et O	Relative Hu	midity :	48~5	48~52%		
Test Engine	er:	Leo Liao				Polarization	n :	Hori	zontal		
Remark:		Spurious e	missions	below 1G	dz were	e found more	than 20dB	belo	w limit line.		
Frequency	EIRI	P Limit	Over	SPA	S.G	. TX Cab	le TX Ant	enna	Polarization	Result	
			Limit	Reading	Powe	er loss	Gai	n			
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)		
3702.18	-48.6	6 -13	-35.66	-61.85	-60.0	1.25	12.6	0	Н	Pass	
5553.27	-48.5	55 -13	-35.55	-64.15	-60.2	1.43	13.1	0	Н	Pass	
7404.36	-45.4	5 -13	-32.45	-64.41	-54.4	9 2.26	11.3	0	Н	Pass	

Band :	L	TE Band 2	2 for CH	18700	ין	Temperature :		23~25°C			
Test Mode	: 2	0MHz QP	SK RB S	Size 1 Offse	et 0	Relative Humi	dity :	48~52%			
Test Engin	neer : L	.eo Liao			F	Polarization :		Vertical			
Remark :	5	Spurious e	urious emissions below 1GHz were found more than 20dB below limit l								
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna Polarization	Result		
Frequency	EIRP	Limit	Over Limit	SPA Reading	S.G. Power	171 00010	TX Ante		Result		
Frequency (MHz)	EIRP					r loss		1	Result		
) (dBm)	Limit	Reading	Power	r loss) (dB)	Gaiı	n (H/V)	Result Pass		
(MHz)	(dBm) (dBm) -13	Limit (dB)	Reading (dBm)	Power	r loss) (dB)	Gaiı (dBi	(H/V)			

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Band :		LTE Band 2	2 for CH	18900		Temperature :			23~25°C		
Test Mode :		20MHz QP	SK RB S	Size 1 Offse	et O	Relative Humidity :			48~52%		
Test Engine	er:	Leo Liao				Polarization : Horizontal					
Remark:		Spurious e	missions	below 1G	dz were	found more that	an 20dB	belo	w limit line.		
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna	Polarization	Result	
			Limit	Reading	Powe	er loss	Gai	n			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	ı) (dB)	(dBi	i)	(H/V)		
3742.18	-49.0	0 -13	-36.00	-62.11	-60.3	5 1.25	12.6	0	Н	Pass	
5613.27	-48.7	2 -13	-35.72	-64.26	-60.3	9 1.43	13.1	0	Н	Pass	
7484.36	-45.5	7 -13	-32.57	-64.49	-54.6				Н	Pass	

Band :		LTE Band	2 for CH	18900		Temperature :			23~25°C		
Test Mode	:	20MHz QF	SK RB S	Size 1 Offse	et O	Relative Humidity :			48~52%		
Test Engin	eer :	Leo Liao				Polarization		Verti	cal		
Remark :		Spurious e	missions	below 1Gl	dz were	e found more t	han 20dB	belo	w limit line.		
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna	Polarization	Result	
			Limit	Reading	Powe	er loss	Gai	n			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dB	i)	(H/V)		
3742.18	-51.6	0 -13	-38.60	-63.73	-62.9	5 1.25	12.6	3	V	Pass	
5613.27	-49.9	2 -13	-36.92	-64.33	-61.5	9 1.43	13.	1	V	Pass	
7484.36	-43.6	5 -13	-30.65	-64.7	-52.6	9 2.26	11.3	3	V	Pass	

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FCC RF Test Report

Band :	I	TE Band 2	2 for CH	19100		Temperature :			23~25°C		
Test Mode	: 2	20MHz QP	SK RB S	Size 1 Offse	t 0	Relative Humidity :			48~52%		
Test Engine	eer: l	_eo Liao				Polarization :		Horiz	ontal		
Remark :	Ş	Spurious e	missions	below 1GH	Iz were	e found more the	an 20dB	belo	w limit line.		
Frequency	EIRP	Limit	Over	SPA	S.G.	G. TX Cable TX Anto			Polarization	Result	
			Limit	Reading	Powe	er loss	Gai	n			
(MHz)	(dBm) (dBm)	Limit (dB)	Reading (dBm)	Powe (dBm		Gai (dB	-	(H/V)		
(MHz) 3782.18	(dBm -50.56	, , ,		•		n) (dB)		i)	(H/V) H	Pass	
` '	•	5 -13	(dB)	(dBm)	(dBm	(dB) 1 1.25	(dB	i) O	, ,	Pass Pass	

Band :		LTE Band	2 for CH	19100		Temperature :			23~25°C		
Test Mode	:	20MHz QP	SK RB S	Size 1 Offse	et O	Relative Humidity :			48~52%		
Test Engir	neer :	Leo Liao				Polarizatio	n :	Verti	cal		
Remark :		Spurious e	missions	below 1Gl	dz were	found more	e than 20dE	belo	w limit line.		
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cal	ole TX Anto	enna	Polarization	Result	
			Limit	Reading	Powe	er loss	Gai	n			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)) (dB	i)	(H/V)		
3782.18	-50.4	0 -13	-37.40	-62.64	-61.7	5 1.25	12.0	3	V	Pass	
5673.27	-50.2	5 -13	-37.25	-64.62	-61.9	2 1.43	13.	1	V	Pass	
7564.36	-43.2	8 -13	-30.28	-64.4	-52.3	2 2.26	11.3	3	V	Pass	

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Band :		LTE Band 4	4 for CH	19957		Temperature :			23~25°C				
Test Mode :		1.4MHz QPSK RB Size 1 Offset 0 Relative Humidity: 48~52%						Size 1 Offset 0 Relative Humidity:					
Test Engine	er:	Sam Li				Pola	rization :		Horiz	Horizontal			
Remark :		Spurious e	ourious emissions below 1GHz were found more than 20dB below limit line.										
Frequency	EIRF	P Limit	Over	SPA	S.G	G. TX Cable TX Ante			enna	Polarization	Result		
			Limit	Reading	Pow	er	loss	Gai	n				
(MHz)	(dBm	n) (dBm)	(dB)	(dBm)	(dBn	n)	(dB)	(dB	i)	(H/V)			
3420	-51.0	0 -13	-38.00	-63.41	-57.9	90	1.4	8.30)	Н	Pass		
5130.48	-45.2	8 -13	-32.28	-53.9	93	1.65	10.3	0	Н	Pass			
6840.64	-43.2	8 -13	-30.28	-65.52	-53.8	33	1.85	12.4	0	Н	Pass		

Band :	L	_TE Band	4 for CH	19957		Temperature :				23~25°C		
Test Mode	: ′	1.4MHz QF	PSK RB	Size 1 Offs	et 0	Rela	tive Humi	dity :	48~5	52%		
Test Engin	eer :	Sam Li Polarization : Vertical										
Remark :	9	Spurious e	ourious emissions below 1GHz were found more than 20dB below limit line.									
Frequency	EIRP	Limit	Over	SPA	S.G.		TX Cable	TX Ante	enna	Polarization	Result	
			Limit	Reading	Powe	er	loss	Gai	n			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	າ)	(dB)	(dBi	i)	(H/V)		
3420	-47.29	9 -13	-34.29	-62.58	-54.1	9	1.4	8.3	•	V	Pass	
5130.48	-47.13	3 -13	-34.13	-64.66	-55.7	8	1.65	10.3	3	V	Pass	
6840.64	-42.90	-13	-29.90	-65.45	-53.4	5 1.85 12.4			1	V	Pass	

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Band :		LTE Band 4	4 for CH2	20175		Temperature :				23~25°C			
Test Mode :		1.4MHz QF	PSK RB	SK RB Size 1 Offset 0 Relative Humidity :						18~52%			
Test Engine	er:	Sam Li				Polar	rization :		Horiz	Horizontal			
Remark:		Spurious e	ourious emissions below 1GHz were found more than 20dB below limit line.										
Frequency	EIRI	P Limit	Over	SPA	S.G	G. TX Cable TX Anto			enna	Polarization	Result		
			Limit	Reading	Pow	er	loss	Gai	n				
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n)	(dB)	(dBi	i)	(H/V)			
3463.92	-48.0	5 -13	-35.05	-60.46	-54.9	95	1.4	8.30)	Н	Pass		
5196	-45.7	'0 -13	-32.70	-54.3	35	1.65	10.3	0	Н	Pass			
6927.84	-42.0	3 -13	-29.03	-64.27	-52.5	58	1.85	12.4	0	Н	Pass		

Band :		TE Band	4 for CH	20175	Te	emperature :		23~25°C		
Test Mode	:	I.4MHz QI	PSK RB	Size 1 Offs	et 0 R	elative Humi	dity:	48~52%		
Test Engin	eer:	Sam Li Polarization : Vertical								
Remark :	;	Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRP	Limit	0	OD4		•	•	•		
		LIIIII	Over	SPA	S.G.	TX Cable	TX Ante	nna Polarization	Result	
		Lillit	Limit	SPA Reading	S.G. Power	TX Cable loss	TX Ante		Result	
(MHz)	(dBm					loss		1	Result	
(MHz) 3463.92	(dBm -45.45) (dBm)	Limit	Reading	Power	loss	Gair	1	Result Pass	
_ , _ ,) (dBm) 5 -13	Limit (dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gair (dBi	n) (H/V) ∨		

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Band :		LTE Band 4	4 for CH2	20393		Temperature :			23~25°C				
Test Mode :	:	1.4MHz QF	PSK RB Size 1 Offset 0 Relative Humidity						48~5	18~52%			
Test Engine	er:	Sam Li				Polarizati	on :		Horiz	Horizontal			
Remark:		Spurious e	ourious emissions below 1GHz were found more than 20dB below limit line.										
Frequency	EIRI	P Limit	Over	SPA	S.G	. TX Cable TX Anto			enna	Polarization	Result		
			Limit	Reading	Powe	er los	SS	Gai	n				
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n) (d	В)	(dBi	i)	(H/V)			
3507.52	-50.2	24 -13	-37.24	-62.65	-57.1	4 1.	4	8.30)	Н	Pass		
5261.28	-47.0	6 -13	-55.7	1.6	65	10.3	0	Н	Pass				
7015.04	-43.3	36 -13	-30.36	-65.60	-53.9	1.8	35	12.4	0	Н	Pass		

Band :		LTE Band	4 for CH	20393	ŀ	Temperature	:	23~2	25°C			
Test Mode	:	1.4MHz QPSK RB Size 1 Offset 0 Relative Humidity:						48~5	48~52%			
Test Engin	eer :	Sam Li				Polarization	:	Verti	Vertical			
Remark :		Spurious e	purious emissions below 1GHz were found more than 20dB below limit line.									
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Anto	enna	Polarization	Result		
			Limit	Reading	Powe	er loss	Gai	n				
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dB	i)	(H/V)			
3507.52	-47.36	6 -13	-34.36	-62.65	-54.20	6 1.4	8.3	,	V	Pass		
5261.28	-46.3°	1 -13	-33.31	-63.84	-54.90	6 1.65	10.3	3	V	Pass		
7015.04	-43.1 [′]	11 -13 -30.11 -65.66 -53.66 1.85 12.4 V F							Pass			

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Band :		LTE Band 4	for CH	19965		Temperature :		23~25°C			
Test Mode :		3MHz QPS	K RB Si	ze 1 Offset	0	Relative Humi	dity :	48~5	52%		
Test Engine	er:	Sam Li Polarization : Horizontal									
Remark:		Spurious e	urious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRI	P Limit	Over	SPA	S.G	. TX Cable	enna	Result			
			Limit	Reading	Powe	er loss	Gai	n			
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)		
3420	-50.3	9 -13	-37.39	-62.80	-57.2	9 1.4	8.30)	Н	Pass	
5132	-45.9	5 -13	-32.95	-64.39	-54.6	1.65	10.3	0	Н	Pass	
6840.96	-42.5	0 -13	-29.50	-64.74	-53.0	1.85	12.4	0	Н	Pass	

Band :		_TE Band 4	4 for CH	19965		Temperature :				23~25°C		
Test Mode	: :	3MHz QPS	K RB Si	ze 1 Offset	0	Rela	tive Humi	dity :	48~	52%		
Test Engin	eer:	Sam Li Polarization : Vertical										
Remark :	;	purious emissions below 1GHz were found more than 20dB below limit line.										
Frequency	EIRP	Limit	Over	SPA	S.G		TX Cable	TX Ante	enna	Polarization	Result	
			Limit	Reading	Powe	er	loss	Gai	n			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBn	n)	(dB)	(dB	i)	(H/V)		
3420	-47.58	3 -13	-34.58	-62.87	-54.4	18	1.4	8.3		V	Pass	
5132	-45.70	-13	-32.70	-63.23	-54.3	35	1.65	10.3	3	V	Pass	
6840.96	-42.30	-13	-29.30	-64.85	-52.8	35	1.85	12.4	1	V	Pass	

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Band :		LTE Band 4 for CH20175 Temperature : 23~25°C										
Test Mode	:	3MHz QPS	K RB Si	ze 1 Offset	48~5	48~52%						
Test Engine	eer:	Sam Li				Polarization :		Horiz	Horizontal			
Remark :		Spurious e	purious emissions below 1GHz were found more than 20dB below limit line.									
Frequency	EIRF	Limit	Over	SPA	S.G.	. TX Cable	TX Anto	enna	Polarization	Result		
			Limit	Reading	Powe	er loss	Gai	n				
(MHz)	(dBm) (dBm)	Limit (dB)	Reading (dBm)	Powe (dBm		Gai (dB		(H/V)			
(MHz) 3464	(dBm	, , ,		•		n) (dB)		i)	(H/V) H	Pass		
_ ` _ /	•	6 -13	(dB)	(dBm)	(dBm	(dB) 6 1.4	(dB	i)	, ,	Pass Pass		

Band :	I	_TE Band 4	4 for CH	20175		Temperature :				23~25°C		
Test Mode	: :	3MHz QPS	K RB Si	ze 1 Offset	0	Relativ	e Humi	dity :	48~5	52%		
Test Engin	eer :	Sam Li				Polariz	zation :		Verti	cal		
Remark :	9	Spurious e	purious emissions below 1GHz were found more than 20dB below limit line.									
Frequency	EIRP	Limit	Over	SPA	S.G.	. T)	X Cable	TX Ante	enna	Polarization	Result	
			Limit	Reading	Powe	er	loss	Gai	n			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	ı)	(dB)	(dBi	i)	(H/V)		
3464	-49.36	3 -13	-36.36	-64.65	-56.2	6	1.4	8.3		V	Pass	
5192	-48.21	I -13	-35.21	-65.74	-56.8	6	1.65	10.3	3	V	Pass	
6924	-42.66	6 -13	-29.66	-65.21	-53.2	1.85 12.4			V	Pass		

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Band :		LTE Band 4	4 for CH2	20385		Temp	perature :		23~25°C		
Test Mode		3MHz QPS	K RB Si	ze 1 Offset	0	Relat	ive Humic	lity :	48~52%		
Test Engine	er:	Sam Li				Polarization : Horizontal					
Remark :		Spurious e	missions	below 1GH	dz were	e foun	nd more tha	an 20dB	belo	w limit line.	
Frequency	EIRI	P Limit	Over	SPA	S.G		TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Pow	er	loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n)	(dB)	(dBi	i)	(H/V)	
3504	-49.1	9 -13	-36.19	-61.60	-56.0	9	1.4	8.30)	Н	Pass
5256	-46.4	3 -13	-33.43	-64.87	-55.0	8(1.65	10.3	0	Н	Pass
7008	-42.7	′5 -13	-29.75	-64.99	-53.3	30	1.85	12.4	0	Н	Pass

Band :		LTE Band	4 for CH	20385	T	Temperature :		23~25°C		
Test Mode	:	3MHz QPS	SK RB Si	ize 1 Offset	0 F	Relative Humi	dity:	48~52%		
Test Engin	eer :	Sam Li			F	Polarization :		Vertical		
Remark :		Spurious e	missions	s below 1Gł	Hz were	found more th	an 20dB	below limit line.		
Frequency	EIRF	<u> </u>				*				
		Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna Polarization	Result	
	Liiki	Limit	Over Limit	SPA Reading	S.G. Power	171 00.010	TX Ante		Result	
(MHz)	(dBm					r loss		1	Result	
(MHz) 3504) (dBm)	Limit	Reading	Power	r loss) (dB)	Gai	n i) (H/V)	Result Pass	
_ ` ,	(dBm	1) (dBm) 4 -13	Limit (dB)	Reading (dBm)	Power (dBm	loss (dB)	Gai (dBi	n i) (H/V) V		

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Band :		LTE Band 4	for CH	19975	1	Temperature :		23~25°C		
Test Mode :	:	5MHz QPS	K RB Si	ze 1 Offset	0	Relative Humi	dity:	48~52%		
Test Engine	er:	Sam Li				Polarization :	ontal			
Remark :	;	Spurious e	missions	below 1GH	dz were	e found more th	an 20dB	belov	w limit line.	
Frequency	EIRP	Limit	Over	SPA	S.G.				Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)	
3420.68	-49.0	7 -13	-36.07	-61.48	-55.9	7 1.4	8.30)	Н	Pass
5131.02	-45.9	-13 -32.91 -64.35				66 1.65	10.3	0	Н	Pass
6841.36	-42.8	4 -13	-29.84	-65.08	-53.3	9 1.85	12.4	.0	Н	Pass

Band :		LTE Band	4 for CH	19975		Temperatur	e:	23~2	23~25°C		
Test Mode	:	5MHz QPS	K RB Si	ze 1 Offset	0	Relative Humidity :			48~52%		
Test Engir	neer :	Sam Li				Polarization	:	Verti	cal		
Remark :		Spurious e	missions	below 1Gl	dz were	e found more	than 20dB	belo	w limit line.		
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cab	e TX Anto	enna	Polarization	Result	
			Limit	Reading	Powe	er loss	Gai	n			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dB	i)	(H/V)		
3420.68	-47.1	7 -13	-34.17	-62.46	-54.0	7 1.4	8.3		V	Pass	
5131.02	-46.4	45 -13 -33.45 -63.98 -55.10					10.3	3	V	Pass	
6841.36	-42.0	3 -13	-29.03	-64.58	-52.5	8 1.85	12.4	1	V	Pass	

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Band :		LTE Band	4 for CH	20175		Temperature :		23~25°C		
Test Mode	:	5MHz QPS	K RB Si	ze 1 Offset	0 I	Relative Humi	dity :	48~52%		
Test Engine	eer :	Sam Li				Polarization :		Horizontal		
Remark :		Spurious e	missions	below 1GH	dz were	found more that	an 20dB	below limit line.		
Frequency	EIRE	P Limit	Over	SPA	S.G.			enna Polarization	Result	
			Limit	Reading	Powe	r loss	Gaiı	1		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi) (H/V)		
3460.68	-48.3	3 -13	-35.33	-60.74	-55.23	3 1.4	8.30) Н	Pass	
		2 -13 -31.92 -63.36 -								
5192	-44.9	2 -13	-31.92	-63.36	-53.57	7 1.65	10.3	0 H	Pass	

Band :		LTE Band	4 for CH	20175	1	Temperature :		23~25°C		
Test Mode	:	5MHz QPS	K RB Si	ze 1 Offset	0	Relative Humi	dity :	48~52%		
Test Engir	neer :	Sam Li			ı	Polarization :		Vertical		
Remark :		Spurious e	missions	below 1GI	Iz were	found more th	an 20dB	below limit line.		
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna Polarization	Result	
			Limit	Reading	Powe	r loss	Gaiı	า		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi) (H/V)		
3460.68	-45.8	5 -13	-32.85	-61.14	-52.75	5 1.4	8.3	V	Pass	
5192	-46.9	3 -13	-33.93	-64.46	-55.58	3 1.65	10.3	8 V	Pass	
6921.36	-42.5						12.4	ı V	Pass	

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7001.36

-42.86

-13

-29.86

-65.10

Band: LTE Band 4 for CH20375 23~25°C Temperature: Test Mode: 5MHz QPSK RB Size 1 Offset 0 **Relative Humidity:** 48~52% Polarization: Test Engineer : Sam Li Horizontal Remark: Spurious emissions below 1GHz were found more than 20dB below limit line. **EIRP** SPA S.G. TX Cable **TX Antenna Polarization** Limit Over Result Frequency Reading Limit **Power** loss Gain (H/V) (MHz) (dBm) (dBm) (dB) (dBm) (dBm) (dB) (dBi) 3500.68 -48.44 -13 -35.44 -60.85 -55.34 1.4 8.30 Н Pass 5252 -45.74 -13 -32.74 -64.18 -54.39 1.65 10.30 Η Pass

-53.41

1.85

12.40

Band :		_TE Band	4 for CH	20375		Temperatu	ıre :	23~25°C		
Test Mode	:	5MHz QPS	K RB Si	ze 1 Offset	0	Relative H	umidity :	48~52%		
Test Engin	eer :	Sam Li				Polarizatio	n :	Vertica	al	
Remark :		Spurious e	missions	below 1GI	Hz were	found mor	e than 20dB	below	limit line.	
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Ca	ble TX Anto	enna P	olarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB) (dB	i)	(H/V)	
3500.68	-46.0°	I -13	-33.01	-61.3	-52.9	1 1.4	8.3	3	V	Pass
5252	-45.60	-13	-32.60	-63.13	-54.2	5 1.65	5 10.3	3	V	Pass
7001.36	-43.08	3 -13	-30.08	-65.63	-53.6	3 1.85	12.4	4	V	Pass

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Н

Pass



Band :		LTE Band 4	4 for CH2	20000		Temperatur	e:	23~25°C			
Test Mode :		10MHz QP	SK RB S	Size 1 Offse	et O	Relative Hu	midity :	48~5	8~52%		
Test Engine	er:	Sam Li				Polarization	n :	Horiz	zontal		
Remark:		Spurious e	missions	below 1GH	dz were	e found more	than 20dB	belo	w limit line.		
Frequency	EIRI	P Limit	Over	SPA	S.G	. TX Cab	le TX Ant	enna	Polarization	Result	
			Limit	Reading	Powe	er loss	Gai	n			
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n) (dB)	(dB	i)	(H/V)		
3420	-50.0	3 -13	-37.03	-62.44	-56.9	3 1.4	8.3	0	Н	Pass	
5132	-45.3	8 -13 -32.38 -63.82				1.65	10.3	80	Н	Pass	
6842.36	-42.2	1 -13	-29.21	-64.45	-52.7	76 1.85	12.4	10	Н	Pass	

Band :		_TE Band	4 for CH	20000	Т	emperature :		23~25°C		
Test Mode	·:	10MHz QP	SK RB	Size 1 Offse	et 0	Relative Humi	dity :	48~52%		
Test Engir	neer :	Sam Li			P	Polarization :		Vertical		
Remark :	;	Spurious e	missions	s below 1GI	Hz were	found more th	an 20dB	below limit line.		
Frequency	EIRP	Limit	Over	SPA	~ ~		•	•		
			Ovei	SFA	S.G.	TX Cable	TX Ante	enna Polarization	Result	
			Limit	Reading	S.G. Power	.,,	TX Ante		Result	
(MHz)	(dBm					loss		1	Result	
(MHz) 3420	(dBm -47.25) (dBm)	Limit	Reading	Power	loss (dB)	Gaiı	n) (H/V)	Result Pass	
` ,) (dBm)	Limit (dB)	Reading (dBm)	Power	loss) (dB)	Gaiı (dBi	n) (H/V) ∨		

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Band :		_TE Band 4	for CH2	20175		Temperature	:	23~25°C		
Test Mode :		10MHz QP	SK RB S	Size 1 Offse	t O	Relative Hui	nidity :	48~52%		
Test Engine	er:	Sam Li				Polarization	ontal			
Remark:	;	Spurious e	missions	below 1GH	dz were	e found more	than 20dB	belov	w limit line.	
Frequency	EIRP	Limit	Over	SPA	S.G				Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)	
3456.18	-48.20	6 -13	-35.26	-60.67	-55.1	6 1.4	8.30	0	Н	Pass
5184.27	-41.72	2 -13	-28.72	-60.16	-50.3	1.65	10.3	80	Н	Pass
6912.36	-42.3	3 -13	-29.33	-64.57	-52.8	8 1.85	12.4	10	Н	Pass

Band :		LTE Band	4 for CH	20175		Temperature	:	23~25°C			
Test Mode	:	10MHz QP	SK RB S	Size 1 Offse	et O	Relative Hur	nidity :	48~5	48~52%		
Test Engir	neer :	Sam Li				Polarization	:	Verti	cal		
Remark :		Spurious e	missions	below 1Gl	dz were	e found more	than 20dB	belo	w limit line.		
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cable	e TX Ante	enna	Polarization	Result	
			Limit	Reading	Powe	er loss	Gai	n			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dB	i)	(H/V)		
3456.18	-45.5	9 -13	-32.59	-60.88	-52.4	9 1.4	8.3		V	Pass	
5184.27	-46.7	71 -13 -33.71 -64.24 -55.36 1.65 10.3 V Pas						Pass			
6912.36	-41.6	3 -13	-28.63	-64.18	-52.1	8 1.85	12.4	1	V	Pass	

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Band :		LTE Band	4 for CH2	20350		Tempe	rature :		23~25°C			
Test Mode		10MHz QP	SK RB S	Size 1 Offse	et O	Relative Humidity :				48~52%		
Test Engine	er:	Sam Li				Polarization : Horizontal						
Remark :		Spurious e	missions	below 1GH	dz were	e found	more th	an 20dB	belo	w limit line.		
Frequency	EIRI	P Limit	Over	SPA	S.G	. T)	X Cable	TX Anto	enna	Polarization	Result	
			Limit	Reading	Powe	er	loss	Gai	n			
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n)	(dB)	(dB	i)	(H/V)		
3492	-50.1	2 -13	-37.12	-62.53	-57.0	2	1.4	8.30)	Н	Pass	
5236	-45.7	0 -13	-32.70	-64.14	-54.3	5	1.65	10.3	0	Н	Pass	
6982.36	-41.3	7 -13	-28.37	-63.61	-51.9	2	1.85	12.4	0	Н	Pass	

Band :		LTE Band	4 for CH	20350		Temperature :		23~25°C		
Test Mode		10MHz QP	SK RB S	Size 1 Offse	et 0	Relative Humi	dity :	48~52%		
Test Engir	neer :	Sam Li	Li Polarization :					Vertical		
Remark:		Spurious e	urious emissions below 1GHz were found more than 20dB					below limit line.		
Frequency	EIRE	Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna Polarization	Result	
			Limit	Reading	Powe	er loss	Gaiı	n		
(MHz)	(dBn) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi	i) (H/V)		
3492	-47.4	4 -13	-34.44	-62.73	-54.3	4 1.4	8.3	V	Pass	
5236	-47.2	2 -13	-34.22	-64.75	-55.8	7 1.65	10.3	3 V	Pass	
6982.36	-42.0	3 -13	-29.03	-64.58	-52.58	8 1.85	12.4	1 V	Pass	

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Band :		LTE Band 4	4 for CH2	20025		Tem	perature :		23~25°C		
Test Mode :		15MHz QP	SK RB S	Size 1 Offse	et O	Rela	tive Humid	dity:	48~5	52%	
Test Engine	er:	Sam Li				Polarization : Horizontal					
Remark:		Spurious e	missions	below 1GH	dz were	e fou	nd more tha	an 20dB	belo	w limit line.	
Frequency	EIRI	P Limit	Over	SPA	S.G	i.	TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n)	(dB)	(dBi	i)	(H/V)	
3420	-50.2	22 -13	-37.22	-62.63	-57.1	12	1.4	8.30)	Н	Pass
5132.52	-41.7	'8 -13	-13 -28.78 -60.22 -				1.65	10.3	0	Н	Pass
6843.36	-42.3	37 -13	-29.37	-64.61	-52.9	92	1.85	12.4	0	Н	Pass

Band :		LTE Band	4 for CH	20025	1	Temperature :	2	23~25°C		
Test Mode	:	15MHz QPSK RB Size 1 Offset 0 Relative Humidity						3~52%		
Test Engir	neer :	Sam Li			F	Polarization :	V	ertical		
Remark:		Spurious e	missions	s below 1GI	Hz were	found more th	an 20dB b	elow limit line.		
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cable	TX Anten	na Polarization	Result	
			Limit	Reading	Power	r loss	Gain			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi)	(H/V)		
3420	-46.9	5 -13	-33.95	-62.24	-53.85	5 1.4	8.3	V	Pass	
5132.52	-46.4	0 -13	-33.40	-63.93	-55.05	1.65	10.3	V	Pass	
0.02.02										

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Band :		LTE Band 4	4 for CH2	20175		Temp	erature :		23~25°C		
Test Mode :	:	15MHz QP	SK RB S	Size 1 Offse	et O	Relati	ive Humic	dity:	48~5	52%	
Test Engine	er:	Sam Li				Polarization : Horizontal					
Remark:		Spurious e	missions	below 1G	dz were	e found	d more tha	an 20dB	belo	w limit line.	
Frequency	EIRI	P Limit	Over	SPA	S.G	. 1	TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n)	(dB)	(dBi	i)	(H/V)	
3451.68	-48.5	50 -13	-35.50	-60.91	-55.4	10	1.4	8.30)	Н	Pass
5177.52	-42.0	7 -13	-13 -29.07 -60.51 -				1.65	10.3	0	Н	Pass
6903.36	-42.5	50 -13	-29.50	-64.74	-53.0)5	1.85	12.4	0	Н	Pass

Band :		LTE Band	4 for CH	20175	ľ	Temperature :		23~25°C	;	
Test Mode		15MHz QP	SK RB S	Size 1 Offse	et 0	Relative Humi	dity :	48~52%		
Test Engin	neer :	Sam Li			Polarization :					
Remark :		Spurious e	missions	below 1GI	dz were	e found more th	an 20dB	below lir	nit line.	
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna Pola	arization	Result
			Limit	Reading	Powe	er loss	Gaiı	า		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi)	(H/V)	
3451.68	-46.3	0 -13	-33.30	-61.59	-53.2	0 1.4	8.3		V	Pass
5177.52	-47.4	4 -13	-34.44	-64.97	-56.0	9 1.65	10.3	3	V	Pass
6903.36	-42.2	2 -13	-29.22	-64.77	-52.7	7 1.85	12.4	1	V	Pass

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Band :		LTE Band 4	for CH2	20325		Temperature	:	23~25°C		
Test Mode :		15MHz QP	SK RB S	Size 1 Offse	t O	Relative Hum	idity :	48~5	52%	
Test Engine	er:	Sam Li				Polarization :		Horiz	zontal	
Remark:		Spurious e	missions	below 1GH	dz were	e found more t	han 20dB	belo	w limit line.	
Frequency	EIRI	P Limit	Over	SPA	S.G	. TX Cable	TX Ant	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n) (dB)	(dB	i)	(H/V)	
3480	-51.1	5 -13	-38.15	-63.56	-58.0	5 1.4	8.30	0	Н	Pass
5222.52	-42.4	6 -13	-29.46	-60.90	-51.1	1.65	10.3	80	Н	Pass
6963.36	-42.4	4 -13	-29.44	-64.68	-52.9	99 1.85 12.40			Н	Pass

Band :		LTE Band	4 for CH	20325		Temperature :		23~25°C			
Test Mode	:	15MHz QP	SK RB S	Size 1 Offse	et O	Relative Humi	dity :	48~5	48~52%		
Test Engir	neer :	Sam Li Polarization :						Vertical			
Remark :		Spurious e	ous emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna	Polarization	Result	
			Limit	Reading	Powe	er loss	Gaiı	า			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dBi)	(H/V)		
3480	-47.1	8 -13 -34.18 -62.47 -54.08 1.4 8.3						V	Pass		
5222.52	-46.2	3 -13	-33.23	-63.76	-54.8	8 1.65	10.3	3	V	Pass	
6963.36	-42.0	6 -13	-29.06	-64.61	-52.6	1 1.85	12.4	ļ	V	Pass	

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Band :		LTE Band 4	4 for CH2	20050		Temp	erature :		23~25°C		
Test Mode :		20MHz QP	SK RB S	Size 1 Offse	et O	Relati	ive Humid	dity:	48~5	52%	
Test Engine	er:	Sam Li				Polarization : Horizontal					
Remark :		Spurious e	missions	below 1G	dz were	e found	d more tha	an 20dB	belo	w limit line.	
Frequency	EIRI	P Limit	Over	SPA	S.G	. 1	TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n)	(dB)	(dBi	i)	(H/V)	
3420	-50.5	2 -13					1.4	8.30)	Н	Pass
5136	-44.5	3 -13 -31.53 -62.97				8	1.65	10.3	0	Н	Pass
6844.36	-42.7	1 -13	-29.71	-64.95	-53.2	26	6 1.85 12.40 H			Н	Pass

Band :		LTE Band	4 for CH	20050		Temperature :		23~25°C		
Test Mode		20MHz QP	Size 1 Offse	et 0	Relative Humi	dity :	48~52%			
Test Engir	neer :	Sam Li				Polarization :	Vertical			
Remark :		Spurious e	missions	below 1GI	dz were	e found more th	an 20dB	below limit line.		
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna Polarization	Result	
			Limit	Reading	Powe	er loss	Gaiı	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi	i) (H/V)		
3420	-47.8	8 -13	-34.88	-63.17	-54.7	8 1.4	8.3	V	Pass	
5136	-46.9	8 -13	-33.98	-64.51	-55.6	3 1.65	10.3	3 V	Pass	
6844.36	-42.1	7 -13	-29.17	-64.72	-52.7	2 1.85	12.4	1 V	Pass	

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Band :		LTE Band 4	4 for CH2	20175		Tem	perature :		23~25°C		
Test Mode :	:	20MHz QP	SK RB S	Size 1 Offse	et O	Rela	tive Humic	dity:	48~5	52%	
Test Engine	er:	Sam Li				Pola	rization :		Horiz	zontal	
Remark:		Spurious e	missions	below 1Gh	dz were	e four	nd more tha	an 20dB	belo	w limit line.	
Frequency	EIRI	P Limit	Over	SPA	S.G	i.	TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n)	(dB)	(dBi	i)	(H/V)	
3447.18	-48.6	32 -13	-35.62	-61.03	-55.5	52	1.4	8.30)	Н	Pass
5170.77	-43.6	66 -13	-13 -30.66 -62.10 -				1.65	10.3	0	Н	Pass
6894.36	-42.6	3 -13	-29.63	-64.87	-53.1	18	1.85	12.4	0	Н	Pass

					_					
Band :		LTE Band	4 for CH	20175		Temperature :		23~25°C		
Test Mode	:	20MHz QPSK RB Size 1 Offset 0 Relative Humio					dity:	48~52%		
Test Engin	neer :	Sam Li			ı	Polarization :		Vertical		
Remark:		Spurious e	missions	below 1GI	dz were	found more th	an 20dB	below limit line.		
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cable	TX Ante	nna Polarization	Result	
			Limit	Reading	Powe	r loss	Gain			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi	(H/V)		
3447.18	-46.1	6 -13	-33.16	-61.45	-53.06	6 1.4	8.3	V	Pass	
5170.77	-47.8	7 -13	-34.87	-65.4	-56.52	2 1.65	10.3	V	Pass	
6894.36	-42.1	8 -13	-29.18	-64.73	-52.73	3 1.85	12.4	V	Pass	

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Band :		LTE Band 4	4 for CH2	20300		Temperature :		23~25°C		
Test Mode :		20MHz QP	SK RB S	Size 1 Offse	et O	Relative Humi	dity :	48~5	52%	
Test Engine	er:	Sam Li				Polarization :		Horiz	zontal	
Remark:		Spurious e	missions	below 1G	dz were	e found more th	an 20dB	belo	w limit line.	
Frequency	EIRI	P Limit	Over	SPA	S.G	. TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n) (dB)	(dB	i)	(H/V)	
3472	-50.5	7 -13	-37.57	-62.98	-57.4	7 1.4	8.30)	Н	Pass
5208.27	-43.0	2 -13 -30.02 -61.46				1.65	10.3	0	Н	Pass
6944.36	-41.8	8 -13	-28.88	-64.12	-52.4	13 1.85 12.40 H			Н	Pass

						_				
Band :		LTE Band	4 for CH	20300	7	Temperature :		23~25°C		
Test Mode		20MHz QF	SK RB	Size 1 Offse	et 0	Relative Humi	48~52%			
Test Engin	neer :	Sam Li			F	Polarization :	,	Vertical		
Remark:		Spurious e	missions	below 1GI	Iz were	found more th	an 20dB	below limit line.		
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cable	TX Ante	nna Polarization	Result	
			Limit	Reading	Powe	r loss	Gain			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi)	(H/V)		
3472	-47.3	6 -13	-34.36	-62.65	-54.26	5 1.4	8.3	V	Pass	
5208.27	-46.8	4 -13	-33.84	-64.37	-55.49	1.65	10.3	V	Pass	
6944.36	-42.7	4 -13	-29.74	-65.29	-53.29	1.85	12.4	V	Pass	

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Band :		LTE Band	for CH	20407		Temperature :		23~25°C		
Test Mode :		1.4MHz QF	PSK RB	Size 1 Offse	et 0	Relative Humi	dity :	48~52%		
Test Engine	er:	Sam Li				Polarization : Horizontal				
Remark:		Spurious e	missions	below 1GH	dz were	e found more th	an 20dB	belo	w limit line.	
Frequency	ERF	Limit	Over	SPA	S.G	. TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n) (dB)	(dB	i)	(H/V)	
1649.92	-61.5	8 -13	-48.58	-58.93	-66.5	0.66	7.80)	Н	Pass
2474.88	-57.3	0 -13	-44.30	-57.48	-63.7	0.85	9.40)	Н	Pass
3299.84	-60.0	3 -13	-47.03	-59.84	-66.1	0 0.98	9.20)	Н	Pass

Band :		LTE Band	5 for CH	20407		Temperatu	ıre :	23~2	23~25°C		
Test Mode	:	1.4MHz QF	PSK RB	Size 1 Offs	et 0	Relative Humidity :			48~52%		
Test Engin	eer :	Sam Li				Polarizatio	on :	Verti	cal		
Remark :		Spurious e	missions	below 1Gh	dz were	found mo	re than 20dE	belo	w limit line.		
Frequency	ERP	Limit	Over	SPA	S.G.	TX Ca	ble TX Ant	enna	Polarization	Result	
			Limit	Reading	Powe	r los	s Gai	n			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB) (dB	i)	(H/V)		
1649.92	-63.1	1 -13	-50.11	-59.59	-68.1	0.66	6 7.8	0	V	Pass	
2474.88	-61.8	7 -13	-48.87	-62.55	-68.2	7 0.8	5 9.4	0	V	Pass	
3299.84	-59.9	6 -13	-46.96	-60.82	-66.0	3 0.98	9.2	0	V	Pass	

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Band :		LTE Band	for CH	20525		Temperature :			23~25°C			
Test Mode :		1.4MHz QF	PSK RB	Size 1 Offs	et 0	Relative Humidity :				48~52%		
Test Engine	er:	Sam Li				Polarization : Horizontal				zontal		
Remark:		Spurious e	missions	below 1G	dz were	e found	I more tha	an 20dB	belo	w limit line.		
Frequency	ERF	P Limit	Over	SPA	S.G	. т	X Cable	TX Ante	enna	Polarization	Result	
			Limit	Reading	Powe	er	loss	Gai	n			
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n)	(dB)	(dBi	i)	(H/V)		
1671.92	-60.6	60 -13	-47.60	-57.95	-65.5	9	0.66	7.80)	Н	Pass	
2507.88	-59.1	2 -13	-46.12	-59.30	-65.5	52	0.85	9.40)	Н	Pass	
3343.84	-58.8	88 -13	-45.88	-58.69	-64.9	95	0.98	9.20)	Н	Pass	

Band :		LTE Band	5 for CH	20525	Т	Temperature :		23~25°C		
Test Mode	•	1.4MHz QI	PSK RB	Size 1 Offs	et 0 F	Relative Humi	dity:	48~52%		
Test Engin	eer:	Sam Li			F	Polarization :		Vertical		
Remark :		Spurious e	missions	s below 1Gł	Hz were	found more th	an 20dB	below limit line		
F=======										
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna Polarizatio	n Result	
Frequency	ERP	Limit	Over Limit	SPA Reading	S.G. Power	171 00.010	TX Anto		n Result	
(MHz)	ERP					r loss		n	n Result	
) (dBm)	Limit	Reading	Power	r loss) (dB)	Gai	n i) (H/V)	Pass	
(MHz)	(dBm	1) (dBm) 4 -13	Limit (dB)	Reading (dBm)	Power (dBm	loss (dB) 0.66	Gai (dB	n i) (H/V)		

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Band :		LTE Band	for CH	20643		Temperature	:	23~25°C			
Test Mode :		1.4MHz QF	PSK RB	Size 1 Offse	et 0	Relative Hum	idity :	48~5	18~52%		
Test Engine	er:	Sam Li				Polarization :		Horiz	zontal		
Remark:		Spurious e	missions	below 1GH	dz were	e found more tl	han 20dB	belo	w limit line.		
Frequency	ERF	Limit	Over	SPA	S.G	. TX Cable	TX Ant	enna	Polarization	Result	
			Limit	Reading	Powe	er loss	Gai	n			
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n) (dB)	(dB	i)	(H/V)		
1695.52	-59.7	1 -13	-46.71	-57.06	-64.7	0.66	7.80	0	Н	Pass	
2543.28	-59.2	5 -13	-46.25	-59.43	-65.6	0.85	9.40	0	Н	Pass	
3391.04	-64.3	8 -13	-51.38	-64.19	-70.4	5 0.98	9.20	0	Н	Pass	

Band :		LTE Band	5 for CH	20643	T	Temperature :		23~25°C		
Test Mode	:	1.4MHz QI	PSK RB	Size 1 Offs	et 0 F	Relative Humi	dity :	48~52%		
Test Engin	eer :	Sam Li			F	Polarization :		Vertical		
Remark :		Spurious e	missions	s below 1Gł	Hz were	found more th	an 20dB	below limit line.		
Frequency	ED D									
	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna Polarization	Result	
equonoy	EKP	Limit	Over Limit	SPA Reading	S.G. Power	171 00.010	TX Ante		Result	
(MHz)	(dBm					r loss		n	Result	
) (dBm)	Limit	Reading	Power	r loss) (dB)	Gai	n i) (H/V)	Result Pass	
(MHz)	(dBm) (dBm) 4 -13	Limit (dB)	Reading (dBm)	Power (dBm	loss (dB) 0.66	Gai (dBi	(H/V)		

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Band :		LTE Band	of for CH	20415		Temperature :	23~25°C				
Test Mode :	:	3MHz QPS	K RB Si	ze 1 Offset	0	Relative Humidity :			48~52%		
Test Engine	er:	Sam Li				Polarization :		Horiz	ontal		
Remark:		Spurious e	missions	below 1GH	dz were	e found more th	an 20dB	belo	w limit line.		
Frequency	ERF	Limit	Over	SPA	S.G.	. TX Cable	TX Anto	enna	Polarization	Result	
			Limit	Reading	Powe	er loss	Gai	n			
(MHz)	(dBn) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	:\	/11/1/		
		, (,	("- /	(abiii)	(abii	i) (ub)	(ub	<u>') </u>	(H/V)		
1648.48	-62.1	, , ,	-49.11	-59.46	-67.1	, , ,	7.80	,	(n/v) H	Pass	
1648.48 2472.72	-62.1 -60.2	1 -13			•	0 0.66	•)	,	Pass Pass	

Band :		LTE Band	5 for CH	20415		Temperature :			23~25°C		
Test Mode	:	3MHz QPS	K RB Si	ze 1 Offset	0	Relative Hum	idity :	48~5	52%		
Test Engin	eer :	Sam Li				Polarization :		Verti	cal		
Remark :		Spurious e	missions	below 1GH	dz were	found more th	nan 20dE	belo	w limit line.		
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Anto	enna	Polarization	Result	
			Limit	Reading	Powe	r loss	Gai	n			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dB	i)	(H/V)		
1648.48	-63.2	2 -13	-50.22	-59.70	-68.2°	1 0.66	7.80)	V	Pass	
2472.72	-60.5	4 -13	-47.54	-61.22	-66.94	4 0.85	9.40)	V	Pass	
3296.96	-59.3	6 -13	-46.36	-60.22	-65.43	3 0.98	9.20)	V	Pass	

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Band: LTE Band 5 for CH20525 Temperature: 23~25°C

Test Mode: 3MHz QPSK RB Size 1 Offset 0 Relative Humidity: 48~52%

Test Engineer : Sam Li Polarization : Horizontal

Remark: Spurious emissions below 1GHz were found more than 20dB below limit line.

Frequency	ERP	Limit	Over Limit	SPA Reading	S.G. Power	TX Cable loss	TX Antenna Gain	Polarization	Result
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1670.48	-62.77	-13	-49.77	-60.12	-67.76	0.66	7.80	Н	Pass
2505.72	-61.09	-13	-48.09	-61.27	-67.49	0.85	9.40	Н	Pass
3340.96	-60.06	-13	-47.06	-59.87	-66.13	0.98	9.20	Н	Pass

Band :		LTE Band	5 for CH	20525		Temperature		23~25°C			
Test Mode	:	3MHz QPS	K RB Si	ze 1 Offset	0	Relative Humidity :			48~52%		
Test Engin	eer :	Sam Li				Polarization :		Verti	cal		
Remark :		Spurious e	missions	below 1Gh	dz were	e found more th	nan 20dB	belo	w limit line.		
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Anto	enna	Polarization	Result	
			Limit	Reading	Powe	er loss	Gai	n			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)		
1670.48	-63.1	5 -13	-50.15	-59.63	-68.1	4 0.66	7.80)	V	Pass	
2505.72	-57.3	8 -13	-44.38	-58.06	-63.7	8 0.85	9.40)	V	Pass	
3340.96	-59.2	7 -13	-46.27	-60.13	-65.3	4 0.98	9.20)	V	Pass	

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Band :		LTE Band	for CH	20635		Temperatui	е:	23~25°C			
Test Mode :		3MHz QPS	K RB Si	ze 1 Offset	0	Relative Hu	ımidity :	48~5	48~52%		
Test Engine	er:	Sam Li				Polarization : Horizontal					
Remark:		Spurious e	missions	below 1GH	dz were	e found more	e than 20dB	belo	w limit line.		
Frequency	ERF	P Limit	Over	SPA	S.G	. TX Cab	ole TX Ant	enna	Polarization	Result	
			Limit	Reading	Powe	er loss	Gai	n			
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)		
1692.48	-62.2	20 -13	-49.20	-59.55	-67.1	9 0.66	7.8	0	Н	Pass	
2538.72	-55.5	55 -13	-42.55	-55.73	-61.9	5 0.85	9.4	0	Н	Pass	
3384.96	-59.6	67 -13	-46.67	-59.48	-65.7	4 0.98	9.2	0	Н	Pass	

Band :		LTE Band	5 for CH2	20635	ŀ	Temperatur	e :	23~2	25°C	
Test Mode	:	3MHz QPS	K RB Si	ze 1 Offset	0	Relative Hu	midity :	48~5	52%	
Test Engin	eer :	Sam Li				Polarization	:	Verti	cal	
Remark :		Spurious e	urious emissions below 1GHz were found more than 20dB below limit line.							
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cabl	e TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dB	i)	(H/V)	
1692.48	-61.8					1 0.66	7.80)	V	Pass
2538.72	-59.4	46 -13 -46.46 -60.14				6 0.85	9.40)	V	Pass
3384.96	-60.4	0 -13	-47.40	-61.26	-66.4	7 0.98	9.20)	V	Pass

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Band :		LTE Band	for CH2	20425		Temperature :		23~2	25°C	
Test Mode :		5MHz QPS	K RB Si	ze 1 Offset	0	Relative Humi	dity:	48~5	52%	
Test Engine	er:	Sam Li				Polarization :		Horiz	zontal	
Remark:		Spurious e	missions	below 1GH	dz were	e found more the	an 20dB	belo	w limit line.	
Frequency	ERF	Limit	Over	SPA	S.G	. TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dBi	i)	(H/V)	
1648.68	-61.4	6 -13	-48.46	-58.81	-66.4	5 0.66	7.80)	Н	Pass
2473.02	-61.3	2 -13	-48.32	-61.50	-67.7	2 0.85	9.40)	Н	Pass
3297.36	-58.8	4 -13	-45.84	-58.65	-64.9	0.98	9.20)	Н	Pass

Band :		LTE Band	5 for CH	20425		Temperature	:	23~2	25°C		
Test Mode	:	5MHz QPS	K RB S	ze 1 Offset	0	Relative Hum	nidity:	48~5	48~52%		
Test Engir	neer :	Sam Li				Polarization :	:	Verti	cal		
Remark :		Spurious e	purious emissions below 1GHz were found more than 20						w limit line.		
Frequency	ERP	Limit	Over	SPA	S.G.	. TX Cable	TX Ante	enna	Polarization	Result	
			Limit	Reading	Powe	er loss	Gai	n			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)		
1648.68	-61.8						7.80)	V	Pass	
2473.02	-60.3	3 -13	-47.33	-61.01	-66.7	3 0.85	9.40)	V	Pass	
3297.36	-60.1	4 -13	-47.14	-61.00	-66.2	1 0.98	9.20)	V	Pass	

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Band :		LTE Band	5 for CH	20525		Temperature :		23~25°C	
Test Mode	:	5MHz QPS	K RB Si	ze 1 Offset	0 I	Relative Humic	dity:	48~52%	
Test Engine	er:	Sam Li				Polarization :		Horizontal	
Remark:		Spurious e	missions	below 1GH	dz were	found more that	an 20dB	below limit line.	
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna Polarization	Result
			Limit	Reading	Powe	r loss	Gaiı	n	
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi	i) (H/V)	
1668.68	-62.0					0.66	7.80) Н	Pass
2503.02	-60.8	7 -13 -47.87 -61.05				7 0.85	9.40) Н	Pass
						7 0.05 9.40 H			

Band :		LTE Band (5 for CH	20525		Tempera	ture :		23~2	25°C	
Test Mode	:	5MHz QPS	K RB Si	ze 1 Offset	0	Relative	Humi	dity :	48~5	52%	
Test Engir	neer :	Sam Li				Polarizat	tion :		Verti	cal	
Remark :		Spurious e	purious emissions below 1GHz were found						belo	w limit line.	
Frequency	ERP	Limit	Over	SPA	S.G.	TX (Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er lo	SS	Gaiı	า		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (d	IB)	(dBi)	(H/V)	
1668.68	-62.2	5 -13	-49.25	-58.73	-67.2	4 0.	66	7.80)	V	Pass
2503.02	-55.5	1 -13	-42.51	-56.19	-61.9	1 0.	85	9.40)	V	Pass
3337.36	-60.3	5 -13	-47.35	-61.21	-66.4	2 0.	.98	9.20)	V	Pass

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Band :		LTE Band	ofor CH	20625		Temperature :		23~2	5°C	
Test Mode	:	5MHz QPS	K RB Si	ze 1 Offset	0 I	Relative Humi	dity:	48~5	2%	
Test Engine	er:	Sam Li			ı	Polarization :		Horiz	ontal	
Remark:		Spurious e	missions	below 1GH	Iz were	found more th	an 20dB	belov	w limit line.	
Frequency	ERP	Limit	Over	SPA	S.G.				Polarization	Result
		Limit Reading				er loss	C-:			
						1033	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	Powe (dBm		(dB	-	(H/V)	
(MHz) 1688.68	(dB m	, , ,		•		(dB)		i)	(H/V) H	Pass
_ ` ,	•	7 -13	(dB)	(dBm)	(dBm	(dB) 6 0.66	(dB	i)	, ,	Pass Pass

					_				
Band :		LTE Band	5 for CH	20625	1	Temperature:		23~25°C	
Test Mode	:	5MHz QPS	SK RB Si	ize 1 Offset	0 F	Relative Humi	dity :	48~52%	
Test Engir	neer :	Sam Li			F	Polarization :		Vertical	
Remark :		Spurious emissions below 1GHz were found more than 20dB below li					below limit line.		
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Ante	nna Polarization	Result
			Limit	Reading	Power	r loss	Gair	1	
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi) (H/V)	
1688.68	-61.8	, , , , , , , , ,				0.66	7.80	V	Pass
2533.02	-60.9	97 -13 -47.97 -61.65				0.85	9.40	V	Pass
		0.97 -13 -47.97 -61.65 -67.37 0.85 9.40 0.44 -13 -47.44 -61.30 -66.51 0.98 9.20							

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Band :		LTE Band	for CH	20450		Temperature :		23~2	5°C	
Test Mode :		10MHz QP	SK RB S	Size 1 Offse	et O	Relative Humi	dity:	48~5	2%	
Test Engine	er:	Sam Li				Polarization :		Horiz	ontal	
Remark:		Spurious e	missions	below 1GH	dz were	e found more th	an 20dB	belo	w limit line.	
Frequency	ERF	Limit	Over	SPA	S.G	. TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)	
1649.18	-62.3	9 -13	-49.39	-59.74	-67.3	0.66	7.80)	Н	Pass
2473.77	-60.8	8 -13	-47.88	-61.06	-67.2	.8 0.85	9.40)	Н	Pass
3298.36	-58.9	9 -13	-45.99	-58.80	-65.0	0.98	9.20)	Н	Pass

Band :		LTE Band	5 for CH	20450		Tem	perature :		23~2	25°C	
Test Mode	:	10MHz QP	SK RB S	Size 1 Offse	et O	Rela	tive Humi	dity :	48~5	52%	
Test Engir	neer :	Sam Li				Pola	rization :		Verti	cal	
Remark :		Spurious e	rious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERP	Limit	Over	SPA	S.G.		TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gaiı	า		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	າ)	(dB)	(dBi)	(H/V)	
1649.18	-62.4					2	0.66	7.80)	V	Pass
2473.77	-59.6	2 -13	-46.62	-60.30	-66.0	2	0.85	9.40)	V	Pass
3298.36	-60.1	7 -13	-47.17	-61.03	-66.2	4	0.98	9.20)	V	Pass

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Band :		LTE Band	for CH	20525		Temperature :		23~2	25°C	
Test Mode :		10MHz QP	SK RB S	Size 1 Offse	et O	Relative Humi	dity :	48~5	52%	
Test Engine	er:	Sam Li				Polarization :		Horiz	zontal	
Remark:		Spurious e	missions	below 1GH	dz were	e found more th	an 20dB	belo	w limit line.	
Frequency	ERF	Limit	Over	SPA	S.G	. TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n) (dB)	(dB	i)	(H/V)	
1664.18	-61.4	3 -13	-48.43	-58.78	-66.4	2 0.66	7.80)	Н	Pass
2496.27	-61.3	7 -13	-48.37	-61.55	-67.7	7 0.85	9.40)	Н	Pass
3328.36	-64.2	:1 -13	-51.21	-64.02	-70.2	0.98	9.20)	Н	Pass

Band :		LTE Band	5 for CH	20525		Temp	erature :		23~2	25°C	
Test Mode	:	10MHz QP	SK RB	Size 1 Offse	et O	Relati	ive Humi	dity :	48~5	52%	
Test Engir	neer :	Sam Li					ization :		Verti	cal	
Remark :		Spurious e	Spurious emissions below 1GHz were found more than 20d						belo	w limit line.	
Frequency	ERP	Limit	Over	SPA	S.G.	. 1	ΓX Cable	TX Ante	nna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gaiı	า		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	n)	(dB)	(dBi)	(H/V)	
1664.18	-62.9						0.66	7.80)	V	Pass
2496.27	-59.2	9 -13	-46.29	-59.97	-65.6	9	0.85	9.40)	V	Pass
3328.36	-63.2	9 -13	-50.29	-64.15	-69.3	6	0.98	9.20)	V	Pass

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Band :		LTE Band	for CH	20600		Tem	perature :		23~2	25°C	
Test Mode :	:	10MHz QP	SK RB S	Size 1 Offse	et O	Rela	tive Humic	dity:	48~5	52%	
Test Engine	er:	Sam Li				Pola	rization :		Horiz	zontal	
Remark:		Spurious e	missions	below 1G	dz were	e four	nd more tha	an 20dB	belo	w limit line.	
Frequency	ERF	P Limit	Over	SPA	S.G	i.	TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n)	(dB)	(dBi	i)	(H/V)	
1679.18	-62.5	58 -13	-49.58	-59.93	-67.5	57	0.66	7.80)	Н	Pass
2518.77	-60.7	'2 -13	-13 -47.72 -60.90				0.85	9.40)	Н	Pass
3358.36	-62.1	5 -13	-49.15	-61.96	-68.2	22	0.98	9.20)	Н	Pass

Band :		LTE Band	5 for CH	20600		Temperat	ure :		23~2	25°C	
Test Mode	:	10MHz QP	SK RB S	Size 1 Offse	et O	Relative H	Humi	dity :	48~5	52%	
Test Engir	neer :	Sam Li				Polarizati	on:		Verti	ertical	
Remark :		Spurious e	missions	below 1Gl	dz were	found mo	ore th	an 20dB	belo	w limit line.	
Frequency	ERP	Limit	Over	SPA	S.G.	TX C	able	TX Ante	enna Polarization Result		
			Limit	Reading	Powe	er los	SS	Gaiı	า		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dE	3)	(dBi)	(H/V)	
1679.18	-62.4	0 -13	-49.40	-58.88	-67.3	9 0.6	66	7.80)	V	Pass
2518.77	-59.2	7 -13	-46.27	-59.95	-65.6	7 0.8	35	9.40)	V	Pass
3358.36	-60.6	1 -13	-47.61	-61.47	-66.6	8 0.9	98	9.20)	V	Pass

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Band :		LTE Band 7	7 for CH2	20775		Temperature :		23~25°C		
Test Mode :		5MHz QPS	K RB Si	ze 1 Offset	0	Relative Humi	dity :	48~5	52%	
Test Engine	er:	Sam Li				Polarization :		Horiz	zontal	
Remark:		Spurious e	missions	below 1G	dz were	e found more th	an 20dB	belo	w limit line.	
Frequency	EIRI	P Limit	Over	SPA	S.G	G. TX Cable TX Ante			Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n) (dB)	(dB	i)	(H/V)	
5000.68	-58.3	0 -25	-33.30	-63.29	-67.6	0 1.2	10.5	0	Н	Pass
7501.02	-55.3	2 -25	-30.32	-65.43	-62.8	1.56	9.10 H Pa			Pass
10001.36	-52.0	9 -25	-27.09	-68.72	-61.0	1.78	10.7	0	Н	Pass

Band :		LTE Band	7 for CH	20775		Tempera	ture :		23~25°C			
Test Mode	:	5MHz QPS	K RB Si	ze 1 Offset	0	Relative	Humi	dity :	48~5	52%		
Test Engin	eer :	Sam Li				Polarizat	ion :		Verti	Vertical		
Remark :		Spurious e	missions	below 1Gh	dz were	found m	ore th	an 20dB	belo	w limit line.		
Frequency	EIRF	Limit	Over	SPA	S.G.	тх с	Cable	TX Ante	enna	Polarization	Result	
			Limit	Reading	Powe	er lo	SS	Gai	n			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	ı) (d	B)	(dBi	i)	(H/V)		
5000.68	-58.9	3 -25	-33.93	-65.52	-68.2	3 1	.2	10.5	0	V	Pass	
7501.02	-55.0	4 -25	-30.04	-65.61	-62.5	8 1.	56	9.10)	V	Pass	
10001.36	-52.5	4 -25	-27.54	-68.69	-61.4	6 1.	78	10.7	0	V	Pass	

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Band :		LTE Band	7 for CH2	21100		Tempera	ature :		23~25°C			
Test Mode :		5MHz QPS	K RB Si	ze 1 Offset	0	Relative	Humi	dity :	48~5	52%		
Test Engine	er:	Sam Li				Polariza	tion :		Horiz	lorizontal		
Remark:		Spurious e	missions	below 1G	dz were	were found more than 20dB				below limit line.		
Frequency	EIRI	P Limit	Over	SPA	S.G	. TX	Cable	TX Anto	enna	Polarization	Result	
			Limit	Reading	Powe	er l	oss	Gai	n			
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	1) (dB)	(dB	i)	(H/V)		
5065.68	-58.8	30 -25	-33.80	-63.79	-68.1	0	1.2	10.5	0	Н	Pass	
7598.52	-55.1	9 -25	-30.19	-65.30	-62.7	"3 1	1.56	9.10)	Н	Pass	
10131.36	-52.3	32 -25	-27.32	-68.95	-61.2	.4 1	1.78	10.7	0	Н	Pass	

Band :		LTE Band	7 for CU	24400		Tomporotu		23~25°C		
Danu :		LIE Band	/ 101 Cn.	21100		Temperatu	re:	23~2	5 C	
Test Mode	:	5MHz QPS	SK RB Si	ze 1 Offset	0	Relative Hu	umidity :	48~5	2%	
Test Engin	eer:	Sam Li				Polarizatio	n :	Vertic	al	
Remark:		Spurious e	missions	below 1G	dz were	found mor	e than 20dE	B belov	v limit line.	
Frequency	EIRF	Limit	Over	SPA	S.G.	TX Cal	ole TX Ant	enna l	Result	
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB) (dB	i)	(H/V)	
5065.68	-58.6	9 -25	-33.69	-65.28	-67.9	9 1.2	10.5	50	V	Pass
7598.52	-54.3	3 -25	-29.33	-64.9	-61.8	.87 1.56 9.10 V			V	Pass
10131.36	-52.6	1 -25	-27.61	-68.76	-61.5	3 1.78	10.7	10.70 V		

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Band :		LTE Band	7 for CH	21425		Temperature :		23~25°C		
Test Mode :		5MHz QPS	K RB Si	ze 1 Offset	0	Relative Humic	dity:	48~5	52%	
Test Engine	er:	Sam Li				Polarization :		Horiz	zontal	
Remark:		Spurious e	missions	below 1G	dz were	e found more that	an 20dB	belo	w limit line.	
Frequency	EIRI	P Limit	Over	SPA	S.G.	i. TX Cable TX Ante			Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)	
5130.68	-59.2	3 -25	-34.23	-64.22	-68.5	3 1.2	10.5	0	Н	Pass
7696.02	-54.7	0 -25	-29.70	-64.81	-62.2	4 1.56	9.10 H			Pass
10261.36	-52.3	6 -25	-27.36	-68.99	-61.2	8 1.78	10.7	0	Н	Pass

Band :		LTE Band	7 for CH	21425		Temperature	:	23~25°C			
Test Mode	:	5MHz QPS	K RB Si	ze 1 Offset	0	Relative Hum	idity:	48~5	52%		
Test Engin	eer :	Sam Li				Polarization :	:	Verti	Vertical		
Remark :		Spurious e	missions	s below 1Gl	dz were	e found more than 20dB			below limit line.		
Frequency	EIRP	Limit	Over	SPA	S.G.	TX Cable	TX Anto	enna	Polarization	Result	
			Limit	Reading	Powe	er loss	Gai	n			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	1) (dB)	(dB	i)	(H/V)		
5130.68	-57.53	3 -25	-32.53	-64.12	-66.8	3 1.2	10.5	0	V	Pass	
7696.02	-54.4°	1 -25	-29.41	-64.98	-61.9	.95 1.56 9.10 V			V	Pass	
10261.36	-53.1	1 -25	-28.11	-69.26	-62.0	3 1.78	10.7	0	V	Pass	

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Band :		LTE Band 7	for CH2	20800		Temper	ature :		23~25°C		
Test Mode :		10MHz QP	SK RB S	Size 1 Offse	t O	Relative	e Humi	dity :	48~5	52%	
Test Engine	er:	Sam Li				Polariza	ation :		Horiz	zontal	
Remark:		Spurious e	missions	below 1GH	dz were	e found i	more th	an 20dB	belo	w limit line.	
Frequency	EIRI	P Limit	Over	SPA	S.G	G. TX Cable TX Ante			enna	Polarization	Result
			Limit	Reading	Pow	er	loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n) (dB)	(dBi	i)	(H/V)	
5001.18	-58.1	1 -25	-33.11	-63.10	-67.4	1	1.2	10.5	0	Н	Pass
7501.77	-55.4	2 -25	-30.42	-65.53	-62.9	06	1.56	9.10)	Н	Pass
10002.36	-52.1	4 -25	-27.14	-68.77	-61.0)6	1.78	10.7	0	Н	Pass

Band :		LTE Band	7 for CH	20800		Tem	perature :		23~25°C			
Test Mode	:	10MHz QP	SK RB S	Size 1 Offse	et 0	Rela	tive Humi	dity :	48~	52%		
Test Engin	eer :	Sam Li				Pola	rization :		Vert	Vertical		
Remark :		Spurious e	missions	below 1Gl	dz were	ere found more than 20dB				below limit line.		
Frequency	EIRP	Limit	Over	SPA	S.G.	G. TX Cable TX Ant			enna	Polarization	Result	
			Limit	Reading	Powe	er	loss	Gai	n			
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	n)	(dB)	(dBi	i)	(H/V)		
5001.18	-59.12	2 -25	-34.12	-65.71	-68.4	2	1.2	10.5	0	V	Pass	
7501.77	-54.4°	1 -25	-29.41	-64.98	-61.9	5	1.56 9.10 V			V	Pass	
10002.36	-52.79	9 -25	-27.79	-68.94	-61.7	'1	1.78	1.78 10.70 V			Pass	

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Band :		LTE Band 7	7 for CH2	21100		Temperatui	re:	23~25°C		
Test Mode :		10MHz QP	SK RB S	Size 1 Offse	et O	Relative Hu	ımidity :	48~5	52%	
Test Engine	er:	Sam Li				Polarizatio	n :	Horiz	zontal	
Remark:		Spurious e	missions	below 1G	dz were	e found more	e than 20dB	belo	w limit line.	
Frequency	EIRI	P Limit	Over	SPA	S.G	. TX Cab	ole TX Ant	enna Polarization Resi		Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n) (dB)) (dB	i)	(H/V)	
5061.18	-59.2	9 -25	-34.29	-64.28	-68.5	59 1.2	10.5	0	Н	Pass
7591.77	-55.1	9 -25	-30.19	-65.30	-62.7	'3 1.56	9.1	0	Н	Pass
10122.36	-52.0	1 -25	-27.01	-68.64	-60.9	3 1.78	10.7	0	Н	Pass

D I		TE Day 1	7 (01.1	04400	-			23~25°C		
Band :		TE Band	7 for CH	21100	16	emperature :		23~25°C		
Test Mode	:	10MHz QF	SK RB	Size 1 Offse	et 0 R	elative Humi	dity:	48~52%		
Test Engin	eer :	Sam Li			P	olarization :		Vertical		
Remark:	;	Spurious e	missions	s below 1GI	Hz were f	found more th	an 20dB	below limit line.		
Frequency	EIRP	Spurious emissions below 1GHz P Limit Over SPA				TX Cable	-			
i e				~	S.G.	I A Cable	IX Ante	nna Polarization	Result	
			Limit	Reading	Power	loss	IX Ante		Result	
(MHz)	(dBm) (dBm)	Limit (dB)			loss		1	Result	
(MHz) 5061.18	(dBm -57.69	, , , ,		Reading	Power	loss	Gair) (H/V)	Pass	
_ ` ,	, .	-25	(dB)	Reading (dBm)	Power (dBm)	loss (dB)	Gair (dBi	(H/V)		

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10242.36

-52.92

-25

-27.92

-69.55

Band :		LTE Band	7 for CH	21400		Tem	perature :		23~2	25°C	
Test Mode :		10MHz QP	SK RB	Size 1 Offse	et O	Rela	tive Humid	dity:	48~5	52%	
Test Engine	er:	Sam Li				Pola	rization :		Hori	zontal	
Remark :		Spurious e	missions	s below 1Gh	dz were	e foui	nd more tha	an 20dB	belo	w limit line.	
Frequency	EIR	P Limit	Over	SPA	S.G		TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n)	(dB)	(dBi	i)	(H/V)	
5121.18	-60.1	4 -25	-35.14	-65.13	-69.4	14	1.2	10.5	0	Н	Pass
7681.77	-55.2	24 -25	-30.24	-65.35	-62.7	' 8	1.56	9.10)	Н	Pass

-61.84

1.78

10.70

Band :		LTE Band	7 for CH	21400		Temp	erature :		23~2	25°C			
Test Mode	:	10MHz QP	SK RB S	Size 1 Offse	et O	Relati	ve Humi	dity:	48~5	8~52%			
Test Engin	eer :	Sam Li				Polari	zation :	: Vertical					
Remark :		Spurious e	urious emissions below 1GHz were found more than 20dB below limit line.										
Frequency	EIRP	Limit	Over	SPA	S.G.	. Т	X Cable	TX Ante	enna	Polarization	Result		
			Limit	Reading	Powe	er	loss	Gai	n				
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	1)	(dB)	(dBi	i)	(H/V)			
5121.18	-58.3	9 -25	-33.39	-64.98	-67.6	9	1.2	10.5	0	V	Pass		
7681.77	-54.80	0 -25	-29.80	-65.37	-62.3	4	1.56	9.10)	V	Pass		
10242.36	-52.1	7 -25	-27.17	-68.32	-61.0	9	1.78	10.7	0	V	Pass		

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Pass



Band :		LTE Band 7	7 for CH2	20825		Tem	perature :		23~25°C				
Test Mode :		15MHz QP	SK RB S	Size 1 Offse	et O	Rela	tive Humid	dity:	48~5	18~52%			
Test Engine	er:	Sam Li	Polarization : Horizontal										
Remark:		Spurious e	urious emissions below 1GHz were found more than 20dB below limit line.										
Frequency	EIRI	P Limit	Over	SPA	S.G	i.	TX Cable	TX Ante	enna	Polarization	Result		
			Limit	Reading	Pow	er	loss	Gai	n				
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n)	(dB)	(dBi	i)	(H/V)			
5001.68	-58.0	0 -25	-33.00	-62.99	-67.3	30	1.2	10.5	0	Н	Pass		
7502.52	-54.0)2 -25	-29.02	-64.13	-61.5	56	1.56	9.10)	Н	Pass		
10003.36	-51.3	36 -25	-26.36	-67.99	-60.2	28	1.78	10.7	0	Н	Pass		

Band :		LTE Band	7 for CH	20825		Temperature		23~25°C		
Test Mode	:	15MHz QP	SK RB	Size 1 Offse	et O	Relative Hum	idity :	48~5	52%	
Test Engir	neer :	Sam Li	Sam Li Polarization : Vertical							
Remark :		Spurious e	urious emissions below 1GHz were found more than 20dB below limit line.							
Frequency	EIRF	Limit	Over	SPA	S.G.	. TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dBi	i)	(H/V)	
5001.68	-58.4	8 -25	-33.48	-65.07	-67.7	8 1.2	10.5	0	V	Pass
7502.52	-54.5	56 -25 -29.56 -65.13 -62.10 1.56 9.10 V Pas						Pass		
10003.36	-51.3	7 -25	-26.37	-67.52	-60.2	9 1.78	10.7	0	V	Pass

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Band :		LTE Band	7 for CH	21100		Temperature :		23~25°C		
Test Mode :		15MHz QP	SK RB S	Size 1 Offse	et 0	Relative Humic	dity:	48~52%		
Test Engine	eer:	Sam Li				Horizontal				
Remark:		Spurious e	ous emissions below 1GHz were found more than 20dB below limit line.							
Frequency	EIRI	P Limit	Over	SPA	S.G.	TX Cable	TX Ante	nna Polar	ization	Result
			Limit	Reading	Powe	r loss	Gaiı	1		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi) (H	l /V)	
5056.68	-60.4	8 -25	-35.48	-65.47	-69.78	8 1.2	10.5	0	Н	Pass
7585.02	-54.7	5 -25	-29.75	-64.86	-62.29	9 1.56	9.10)	Н	Pass
7 000.02	-54.7	3 -23	-23.73	04.00	02.2	1.00	0	•		. 466

Band :		LTE Band	7 for CH	21100		Temp	erature :		23~25°C		
Test Mode	:	15MHz QP	SK RB S	Size 1 Offse	et O	Relati	ve Humi	dity :	48~5	52%	
Test Engir	neer :	Sam Li	Polarization : Vertical								
Remark :		Spurious e	rious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRF	Limit	Over	SPA	S.G.	. т	X Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gaiı	า		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	n)	(dB)	(dBi)	(H/V)	
5056.68	-59.0	0 -25	-34.00	-65.59	-68.3	30	1.2	10.5	0	V	Pass
7585.02	-54.7	6 -25	-29.76	-65.33	-62.3	80	1.56	9.10)	V	Pass
10131.36	-53.0	4 -25	-28.04	-69.19	-61.9	16	1.78	10.7	0	V	Pass

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Band :		LTE Band 7	7 for CH2	21375		Temperatur	e:	23~25°C		
Test Mode		15MHz QP	SK RB S	Size 1 Offse	et O	Relative Hu	midity :	48~5	2%	
Test Engine	er:	Sam Li								
Remark :		Spurious e	rious emissions below 1GHz were found more than 20dB below limit line.							
Frequency	EIRI	P Limit	Over	SPA	S.G	. TX Cab	le TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n) (dB)	(dB	i)	(H/V)	
5111.68	-59.3	8 -25	-34.38	-64.37	-68.6	8 1.2	10.5	0	Н	Pass
7667.52	-53.6	0 -25	-28.60	-63.71	-61.1	4 1.56	9.10	0	Н	Pass
10223.36	-51.0	6 -25	-26.06	-67.69	-59.9	1.78	10.7	0	Н	Pass

Band :		LTE Band	7 for CH	21375		Tempera	ture :		23~2	25°C			
Test Mode	:	15MHz QP	SK RB S	Size 1 Offse	et 0	Relative	Humi	dity :	48~5	8~52%			
Test Engir	neer :	Sam Li				Polariza	tion :		Verti	/ertical			
Remark :		Spurious e	missions	below 1Gl	dz were	e found m	ore th	an 20dB	belo	pelow limit line.			
Frequency	EIRF	Limit	Over	SPA	S.G.	TX	Cable	TX Ante	enna	Polarization	Result		
			Limit	Reading	Powe	er lo	SS	Gaiı	า				
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	n) (c	B)	(dBi)	(H/V)			
5111.68	-58.3	8 -25	-33.38	-64.97	-67.6	8 1	.2	10.5	0	V	Pass		
7667.52	-53.2	1 -25	-28.21	-63.78	-60.7	5 1.	.56	9.10)	V	Pass		
10223.36	-52.7	3 -25	-27.73	-68.88	-61.6	5 1.	.78	10.7	0	V	Pass		

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Band :		LTE Band 7	for CH	20850		Temperature :		23~25°C		
Test Mode :		20MHz QP	SK RB S	Size 1 Offse	et O	Relative Humi	dity:	48~5	52%	
Test Engine	er:	Sam Li				Polarization :	zontal			
Remark:		Spurious e	ous emissions below 1GHz were found more than 20dB below limit line.							
Frequency	EIRI	P Limit	Over	SPA	S.G	. TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n) (dB)	(dB	i)	(H/V)	
5002.18	-60.1	6 -25	-35.16	-65.15	-69.4	6 1.2	10.5	0	Н	Pass
7503.27	-55.1	0 -25	-30.10	-65.21	-62.6	1.56	9.10	0	Н	Pass
10004.36	-51.8	7 -25	-26.87	-68.50	-60.7	9 1.78	10.7	0	Н	Pass

Band :		LTE Band	7 for CH	20850		Temperature	:	23~25°C		
Test Mode	:	20MHz QP	SK RB S	Size 1 Offse	et O	Relative Hum	nidity:	48~5	52%	
Test Engir	neer :	Sam Li	Polarization : Vertical							
Remark :		Spurious e	ious emissions below 1GHz were found more than 20dB below limit line.							
Frequency	EIRF	Limit	Over	SPA	S.G.	. TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)	
5002.18	-58.8	0 -25	-33.80	-65.39	-68.1	0 1.2	10.5	0	V	Pass
7503.27	-55.3	0 -25	-30.30	-65.87	-62.8	4 1.56	9.10)	V	Pass
10004.36	-52.2	2 -25	-27.22	-68.37	-61.1	4 1.78	10.7	0	V	Pass

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Band :		LTE Band	7 for CH	21100		Temperature :		23~25°C		
Test Mode :		20MHz QF	SK RB S	Size 1 Offse	et 0	Relative Humi	idity :	48~5	2%	
Test Engine	er:	Sam Li				Polarization :	ontal			
Remark :		Spurious e	ous emissions below 1GHz were found more than 20dB below limit line.							
Frequency	EIRI	P Limit	Over	SPA	S.G.	TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	r loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dB	i)	(H/V)	
5050 40										
5052.18	-60.3	7 -25	-35.37	-65.36	-69.67	7 1.2	10.5	0	Н	Pass
5052.18 7578.27	-60.3 -55.4	_	-35.37 -30.46	-65.36 -65.57	-69.67 -63.00		10.5 9.10	•	H H	Pass Pass

Band :		LTE Band	7 for CH	21100		Tempe	rature :		23~25°C		
Test Mode	:	20MHz QP	SK RB S	Size 1 Offse	et O	Relativ	e Humi	dity :	48~5	52%	
Test Engir	neer :	Sam Li Polarization : Vertical									
Remark :		Spurious e	rious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	EIRF	Limit	Over	SPA	S.G	. T)	Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gaiı	า		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	1) ((dB)	(dBi)	(H/V)	
5052.18	-59.1	6 -25	-34.16	-65.75	-68.4	6	1.2	10.5	0	V	Pass
7578.27	-54.8	2 -25	-29.82	-65.39	-62.3	6	1.56	9.10)	V	Pass
10104.36	-52.6	1 -25	-27.61	-68.76	-61.5	3	1.78	10.7	0	V	Pass

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Band :		LTE Band 7	7 for CH2	21350		Temperature	:	23~2	25°C	
Test Mode :		20MHz QP	SK RB S	Size 1 Offse	et O	Relative Hum	nidity :	48~5	52%	
Test Engine	er:	Sam Li				Polarization :	zontal			
Remark:		Spurious e	missions	below 1GH	dz were	e found more t	han 20dB	belo	w limit line.	
Frequency	EIRI	P Limit	Over	SPA	S.G	. TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n) (dB)	(dB	i)	(H/V)	
5102.18	-58.7	1 -25	-33.71	-63.70	-68.0	1.2	10.5	0	Н	Pass
7653.27	-55.1	16 -25 -30.16 -65.27				70 1.56	9.10	0	Н	Pass
10204.36	-52.2	2 -25	-27.22	-68.85	-61.1	4 1.78	10.7	0	Н	Pass

Band :		LTE Band	7 for CH	21350		Temperature	:	23~2	25°C	
Test Mode	:	20MHz QPSK RB Size 1 Offset 0 Relative Humidity:					idity :	48~52%		
Test Engir	neer :	Sam Li Polarization :					Verti	cal		
Remark :		Spurious emissions below 1GHz were found more than 20dl						belo	w limit line.	
Frequency	EIRF	Limit	Over	SPA	S.G.	. TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dBi	i)	(H/V)	
5102.18	-59.3	4 -25	-34.34	-65.93	-68.6	4 1.2	10.5	0	V	Pass
7653.27	-53.9	.98 -25 -28.98 -64.55 -61.52 1.56					9.10)	V	Pass
10204.36	-52.4	9 -25	-27.49	-68.64	-61.4	1 1.78	10.7	0	V	Pass

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Band :		LTE Band 1	12 for CH	123017		Temperature :		23~2	5°C	
Test Mode :		1.4MHz QF	SK RB	Size 1 Offse	et 0	Relative Humi	dity:	48~5	2%	
Test Engine	er:	Sam Li				Polarization :	ontal			
Remark:		Spurious e	missions	below 1GH	dz were	e found more the	an 20dB	belov	w limit line.	
Frequency	ERF	Limit	Over	SPA	S.G.	. TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dBi	i)	(H/V)	
1396	-61.4	9 -13	-48.49	-57.79	-66.2	5 0.89	7.80)	Н	Pass
2098	-52.5	3 -13	-39.53	-54.86	-58.6	9 1.09	9.40	40 H Pass		
2797	-62.5	7 -13	-49.57	-64.59	-68.4	5 1.17	9.20)	Н	Pass

Band :	L	TE Band	12 for Cl	H23017		Tem	perature :		23~2	25°C	
Test Mode	: '	1.4MHz QPSK RB Size 1 Offset 0 Relative Humid					dity :	48~	52%		
Test Engin	eer :	Sam Li Polarization :						Vert	ical		
Remark :	9	Spurious e	missions	below 1Gl	dz were	e fou	nd more th	an 20dB	belo	w limit line.	
Frequency	ERP	Limit	Over	SPA	S.G.		TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	າ)	(dB)	(dB	i)	(H/V)	
1396	-59.54	-13	-46.54	-55.51	-64.3	0	0.89	7.80)	V	Pass
2098	-57.56	-13	-44.56	-59.63	-63.7	2	1.09	9.40)	V	Pass
2797	-63.20	-13	-50.20	-64.23	-69.0	8	1.17	9.20)	V	Pass

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Band :	L	TE Band 1	12 for Cl	123095		Temperature :		23~2	5°C	
Test Mode		.4MHz QF	PSK RB	Size 1 Offse	et 0	Relative Humi	dity :	48~5	2%	
Test Engine	er:	Sam Li				Polarization :	ontal			
Remark :	Ş	Spurious e	missions	below 1GH	dz were	e found more th	an 20dB	belov	w limit line.	
Frequency	ERP	Limit	Over	SPA	S.G	. TX Cable	TX Anto	nna	Polarization	Result
									Folarization	Result
			Limit	Reading	Powe	er loss	Gai		Folarization	Result
(MHz)	(dBm) (dBm)	Limit (dB)	Reading (dBm)	Powe (dBm			n	(H/V)	Result
(MHz)	(dBm -62.65	, , ,		•		n) (dB)	Gai	n i)		Pass
	•	-13	(dB)	(dBm)	(dBn	(dB) 1 0.89	Gai (dB	n i)	(H/V)	

Band :	I	TE Band	12 for Cl	H23095		Tem	perature :		23~2	25°C	
Test Mode	: '	1.4MHz QPSK RB Size 1 Offset 0					tive Humi	dity :	48~	52%	
Test Engin	eer :	Sam Li					Polarization : Vertical				
Remark :	9	Spurious e	missions	below 1Gl	dz were	e fou	nd more th	an 20dB	belo	w limit line.	
Frequency	ERP	Limit	Over	SPA	S.G.		TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	າ)	(dB)	(dB	i)	(H/V)	
1414	-61.95	5 -13	-48.95	-57.82	-66.7	1	0.89	7.80)	V	Pass
2122	-57.27	7 -13	-44.27	-59.44	-63.4	3	1.09	9.40)	V	Pass
2827	-63.16	6 -13	-50.16	-64.29	-69.0	4	1.17	9.20)	V	Pass

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Band :		LTE Band	12 for Cl	123173		Temperature :		23~2	5°C	
Test Mode	:	1.4MHz QF	PSK RB	Size 1 Offse	et 0	Relative Humi	dity:	48~5	2%	
Test Engine	eer:	Sam Li				Polarization :	ontal			
Remark :		Spurious e	missions	below 1GH	dz were	found more th	an 20dB	belo	w limit line.	
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBm	\	/ ID \	/ ID \						
\ _ /	(abii	ı) (dBm)	(dB)	(dBm)	(dBm	ı) (dB)	(dB	i)	(H/V)	
1429	-54.5	, , ,	-41.50	-53.94	-59.26	, , ,	(dB 7.80	,	(H/V) H	Pass
	•	0 -13			•	6 0.89	•)	,	Pass Pass

Band :	l	TE Band	12 for Cl	H23173		Tem	perature :		23~2	25°C	
Test Mode	: '	1.4MHz QPSK RB Size 1 Offset 0 Relative					tive Humi	dity :	48~5	52%	
Test Engin	eer :	Sam Li Polariz					rization :		Verti	cal	
Remark :	9	Spurious e	missions	below 1Gl	dz were	e fou	nd more th	an 20dB	belo	w limit line.	
Frequency	ERP	Limit	Over	SPA	S.G.	•	TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	າ)	(dB)	(dBi	i)	(H/V)	
1429	-50.47	7 -13	-37.47	-51.25	-55.2	:3	0.89	7.80)	V	Pass
2143	-57.18	3 -13	-44.18	-59.25	-63.3	4	1.09	9.40)	V	Pass
2857	-63.18	3 -13	-50.18	-64.21	-69.0	6	1.17	9.20)	V	Pass

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Band :		LTE Band	12 for Ch	123025		Temperatu	ıre :	23~2	25°C	
Test Mode :	:	3MHz QPS	K RB Si	ze 1 Offset	0	Relative H	umidity :	48~5	52%	
Test Engine	er:	Sam Li				Polarizatio	zontal			
Remark :		Spurious e	missions	below 1G	dz were	e found mo	re than 20dE	belo	w limit line.	
Frequency	ERF	P Limit	Over	SPA	S.G	. TX Ca	ble TX Ant	enna	Polarization	Result
			Limit	Reading	Powe	er los	s Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBn	n) (dB	(dB	i)	(H/V)	
1402	-62.3	37 -13	-49.37	-58.69	-67.1	3 0.8	9 7.8	0	Н	Pass
2101	-60.1	9 -13	-47.19	-62.52	-66.3	5 1.0	9 9.4	0	Н	Pass
2797	-62.5	8 -13	-49.58	-64.60	-68.4	6 1.1	7 9.2	0	Н	Pass

Band :		LTE Band	12 for CI	H23025	1	Temperature :		23~25°C		
Test Mode	:	3MHz QPSK RB Size 1 Offset 0				Relative Humi	dity:	48~52%		
Test Engin	eer:	Sam Li				Polarization :		Vertical		
Remark:		Spurious emissions below 1GHz were found more than 20						below limit line.		
		<u>'</u> , , , , , , , , , , , , , , , , , , ,								
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Anto	enna Polarization	Result	
Frequency	ERP	Limit	Over Limit	SPA Reading	S.G. Power	171 00.010	TX Anto		Result	
(MHz)	ERP					r loss		n	Result	
) (dBm)	Limit	Reading	Power	r loss) (dB)	Gai	n i) (H/V)	Result Pass	
(MHz)	(dBm) (dBm) 6 -13	Limit (dB)	Reading (dBm)	Power	r loss) (dB)	Gai (dB	i) (H/V)		

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Band :		LTE Band	12 for Cl	123095		Temperature :		23~2	5°C	
Test Mode :		3MHz QPS	K RB Si	ze 1 Offset	0	Relative Humic	dity:	48~5	2%	
Test Engine	er:	Sam Li				Polarization :		Horiz	ontal	
Remark :		Spurious e	missions	below 1Gł	dz were	e found more tha	an 20dB	belo	w limit line.	
Frequency	ERF	Limit	Over	SPA	S.G.	TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)	
1411	-64.3	9 -13	-51.39	-60.71	-69.1	5 0.89	7.80)	Н	Pass
2119	-60.6	8 -13	-47.68	-63.01	-66.8	4 1.09	9.40)	Н	Pass
2824	-61.6	2 -13	-48.62	-63.64	-67.5	0 1.17	9.20)	Н	Pass

Band :		TE Band	12 for Cl	H23095	1	Temp	erature :		23~2	25°C	
Test Mode	: :	3MHz QPSK RB Size 1 Offset 0 Relative Hum					ve Humi	dity:	48~5	52%	
Test Engin	eer :	Sam Li Polarization					zation :		Verti	cal	
Remark :	9	Spurious e	missions	below 1Gl	dz were	e found	d more th	an 20dB	belo	w limit line.	
Frequency	ERP	Limit	Over	SPA	S.G.	. Т	X Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	ı)	(dB)	(dBi	i)	(H/V)	
1411	-62.91	I -13	-49.91	-58.90	-67.6	7	0.89	7.80)	V	Pass
2119	-61.32	2 -13	-48.32	-63.39	-67.4	8	1.09	9.40)	V	Pass
2824	-62.82	2 -13	-49.82	-63.85	-68.7	0	1.17	9.20)	V	Pass

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Band :		LTE Band	12 for Ch	123165		Temperature :		23~2	25°C	
Test Mode :		3MHz QPS	K RB Si	ze 1 Offset	0	Relative Humic	dity:	48~5	52%	
Test Engine	er:	Sam Li				Polarization :		Horiz	zontal	
Remark:		Spurious e	missions	below 1GH	dz were	e found more tha	an 20dB	belo	w limit line.	
Frequency	ERF	Limit	Over	SPA	S.G.	. TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)	
1426	-61.3					5 0.89	7.80)	Н	Pass
2143	-58.9	5 -13 -45.95 -61.28 -				1 1.09	9.40)	Н	Pass
2851	-61.8	30 -13	-48.80	-63.82	-67.6	8 1.17	9.20)	Н	Pass

Band :	l	TE Band	12 for Cl	H23165		Tem	perature :		23~2	25°C	
Test Mode	: :	3MHz QPS	K RB Si	ze 1 Offset	0	Rela	tive Humi	dity :	48~	52%	
Test Engin	eer :	Sam Li				Pola	rization :		Vert	cal	
Remark :	9	Spurious emissions below 1GHz were found more than 20dl					an 20dB	belo	w limit line.		
Frequency	ERP	Limit	Over	SPA	S.G.		TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	າ)	(dB)	(dB	i)	(H/V)	
1426	-56.23					9	0.89	7.80)	V	Pass
2143	-59.98	98 -13 -46.98 -62.05				4	1.09	9.40)	V	Pass
2851	-63.45					3	1.17	9.20)	V	Pass

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Band :		LTE Band	12 for Cl	H23035		Temperature :		23~2	25°C	
Test Mode	:	5MHz QPS	K RB Si	ze 1 Offset	0	Relative Humi	dity :	48~5	52%	
Test Engine	eer:	Sam Li				Polarization :		Horiz	zontal	
Remark :		Spurious e	missions	below 1GH	dz were	e found more the	an 20dB	belo	w limit line.	
Frequency	ERP	Limit	Over	SPA	S.G	. TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBm	n) (dBm)	(dB)	(dBm)	(dBn	n) (dB)	(dB	i)	(H/V)	
1399	-62.3	0 -13	-49.30	-58.62	-67.0	6 0.89	7.80)	Н	Pass
2101	-61.6	66 -13 -48.66 -63.99 -				2 1.09	9.40	0 H Pass		
2797	-61.3	3 -13	-48.33	-63.35	-67.2	1 1.17	9.20)	Н	Pass

Band :		LTE Band	12 for Cl	H23035		Tempe	erature :		23~2	25°C	
Test Mode	:	5MHz QPS	K RB Si	ze 1 Offset	0	Relati	ve Humi	dity :	48~5	52%	
Test Engir	neer :	Sam Li				Polari	zation :		Verti	cal	
Remark :		Spurious emissions below 1GHz were found mo				d more th	an 20dB	belo	w limit line.		
Frequency	ERP	Limit	Over	SPA	S.G.	. Т	X Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gaiı	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	ı)	(dB)	(dBi	i)	(H/V)	
1399	-60.6				-65.3	9	0.89	7.80)	V	Pass
2101	-61.8	.88 -13 -48.88 -63.95			-68.0	4	1.09	9.40)	Pass	
2797	-62.8	0 -13	-49.80	-63.83	-68.6	8	1.17	9.20)	V	Pass

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Band :		LTE Band	12 for Cl	H23095		Temperature :		23~25°C		
Test Mode	:	5MHz QPS	K RB Si	ze 1 Offset	0 I	Relative Humic	dity:	48~52%		
Test Engine	eer:	Sam Li				Polarization :				
Remark :		Spurious emissions below 1GHz				found more that	an 20dB	below limit line	١.	
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna Polarizatio	on Result	
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi	i) (H/V)		
1411	-62.1	2 -13	-49.12	-58.44	-66.88	8 0.89	7.80) Н	Pass	
2116	-53.3	4 -13 -40.34 -55.67 -5				0 1.09	9.40	40 H Pass		
2809		4 -13 -40.34 -55.67 3 -13 -48.73 -63.75				1 1.17	9.20			

Band :		LTE Band	12 for Cl	H23095		Temp	erature :		23~2	25°C	
Test Mode	:	5MHz QPS	K RB Si	ze 1 Offset	0	Relati	ve Humi	dity :	48~5	52%	
Test Engir	neer :	Sam Li				Polari	zation :		Verti	cal	
Remark :		Spurious emissions below 1GHz were found more than				an 20dB	belo	w limit line.			
Frequency	ERP	Limit	Over	SPA	S.G.	. Т	X Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gaiı	า		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	ı)	(dB)	(dBi)	(H/V)	
1411	-60.2				-65.0	2	0.89	7.80)	V	Pass
2116	-54.7	.74 -13 -41.74 -56.81			-60.9	0	1.09	9.40)	V	Pass
2809	-63.3	3 -13	-50.33	-64.36	-69.2	1	1.17	9.20)	V	Pass

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Band :		LTE Band 1	12 for Ch	H23155		Temperature :		23~25°C	
Test Mode	:	5MHz QPS	K RB Si	ze 1 Offset	0	Relative Humi	dity :	48~52%	
Test Engine	eer:	Sam Li				Polarization :		Horizontal	
Remark :		Spurious emissions below 1GHz				found more th	an 20dB	below limit line.	
Frequency	ERP	Limit	Over	SPA	S.G	TX Cable	TX Anto	enna Polarization	Result
Frequency	ERP	Limit	Over Limit	SPA Reading	S.G. Powe		TX Anto		Result
Frequency (MHz)	ERP					er loss		n	Result
) (dBm)	Limit	Reading	Powe	er loss	Gai	n i) (H/V)	Result Pass
(MHz)	(dBm	1) (dBm) 4 -13	Limit (dB)	Reading (dBm)	Powe (dBm	loss (dB) (0.89	Gai (dB	n i) (H/V)	

Band :		LTE Band	12 for Cl	H23155		Temp	perature :		23~2	25°C	
Test Mode	:	5MHz QPS	K RB Si	ze 1 Offset	0	Rela	tive Humi	dity :	48~5	52%	
Test Engir	neer :	Sam Li				Pola	rization :		Verti	cal	
Remark :		Spurious emissions below 1GHz were four				nd more th	an 20dB	belo	w limit line.		
Frequency	ERP	Limit	Over	SPA	S.G.		TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gaiı	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	າ)	(dB)	(dBi	i)	(H/V)	
1423	-55.7				-60.5	4	0.89	7.80)	V	Pass
2134	-56.0	.07 -13 -43.07 -58.14				:3	1.09	9.40)	V	Pass
2845	-63.6	0 -13	-50.60	-64.63	-69.4	8	1.17	9.20)	V	Pass

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Band :		LTE Band 1	12 for Ch	123060		Temperature :		23~2	25°C	
Test Mode :		10MHz QP	SK RB S	Size 1 Offse	et O	Relative Humic	dity:	48~5	52%	
Test Engine	er:	Sam Li				Polarization :		Horiz	zontal	
Remark:		Spurious e	missions	below 1G	dz were	e found more that	an 20dB	belo	w limit line.	
Frequency	ERF	Limit	Over	SPA	S.G.	. TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)	
1399	-63.1					8 0.89	7.80)	Н	Pass
2098	-60.7	3 -13 -47.73 -63.06				9 1.09	9.40)	Н	Pass
2797	-62.9	1 -13	-49.91	-64.93	-68.7	9 1.17	9.20)	Н	Pass

Band :		LTE Band	12 for Cl	H23060		Tempe	erature :		23~2	25°C	
Test Mode	:	10MHz QP	SK RB S	Size 1 Offse	et O	Relativ	ve Humi	dity :	48~5	52%	
Test Engir	neer :					Polari	zation :		Verti	cal	
Remark :		Spurious emissions below 1GHz were found more than 20di				an 20dB	belo	w limit line.			
Frequency	ERP	Limit	Over	SPA	S.G.	. Т.	X Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gaiı	า		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	ı)	(dB)	(dBi)	(H/V)	
1399	-61.0				0.89	7.80)	V	Pass		
2098	-61.8	.83 -13 -48.83 -63.90 -67.			-67.9	9	1.09	9.40)	V	Pass
2797	-63.0	0 -13	-50.00	-64.03	-68.8	8	1.17	9.20)	V	Pass

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Band :		LTE Band 1	12 for Ch	123095		Temperature :		23~2	5°C	
Test Mode :		10MHz QP	SK RB S	Size 1 Offse	et O	Relative Humi	dity:	48~5	2%	
Test Engine	er:	Sam Li				Polarization :		Horiz	ontal	
Remark:		Spurious e	missions	below 1G	dz were	e found more th	an 20dB	belo	w limit line.	
Frequency	ERF	Limit	Over	SPA	S.G	. TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)	
1405	-60.9					5 0.89	7.80)	Н	Pass
2110	-55.7	6 -13 -42.76 -58.09				2 1.09	9.40)	Н	Pass
2809	-62.3	0 -13	-49.30	-64.32	-68.1	8 1.17	9.20)	Н	Pass

Band :		LTE Band	12 for Cl	H23095		Temperature	:	23~2	25°C	
Test Mode	:	10MHz QP	SK RB S	Size 1 Offse	et O	Relative Hun	nidity :	48~5	52%	
Test Engir	neer :	Sam Li Polarization :					Verti	Vertical		
Remark :		Spurious emissions below 1GHz were found more than 20					than 20dB	belo	w limit line.	
Frequency	ERP	Limit	Over	SPA	S.G.	. TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dBi	i)	(H/V)	
1405	-58.4					7.80)	V	Pass	
2110	-54.6	.66 -13 -41.66 -56.73 -60.82 1.09			9.40)	V	Pass		
2809	-62.8				9.20)	V	Pass		

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Band :		LTE Band 1	12 for Ch	123130		Temperature :		23~2	25°C	
Test Mode :		10MHz QP	SK RB S	Size 1 Offse	et O	Relative Humic	dity:	48~5	52%	
Test Engine	er:	Sam Li				Polarization :		Horiz	zontal	
Remark:		Spurious e	missions	below 1GH	dz were	e found more tha	an 20dB	belo	w limit line.	
Frequency	ERF	Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dBi	i)	(H/V)	
1411	-63.1	10 -13 -50.10 -59.42				6 0.89	7.80)	Н	Pass
2119	-54.6	68 -13 -41.68 -57.01				4 1.09	9.40)	Н	Pass
2824	-61.6	6 -13	-48.66	-63.68	-67.5	4 1.17	9.20)	Н	Pass

Band :		LTE Band	12 for CI	H23130		Temp	erature :		23~2	25°C			
Test Mode	:	10MHz QP	10MHz QPSK RB Size 1 Offset 0 Relative Humidity:					dity :	48~5	48~52%			
Test Engir	neer :	Sam Li		Polarization :				Verti	Vertical				
Remark :		Spurious emissions below 1GHz were found more than 20dB be						belo	w limit line.				
Frequency	ERP	Limit	Over	SPA	S.G.	. Т	X Cable	TX Ante	enna	Polarization	Result		
			Limit	Reading	Powe	er	loss	Gaiı	n				
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	ı)	(dB)	(dBi	i)	(H/V)			
1411	-62.1	6 -13	-49.16	-58.15	-66.9	2	0.89	7.80)	V	Pass		
2119	-55.8	5 -13	-42.85	-57.92	-62.0	1	1.09	9.40)	V	Pass		
2824	-63.1	0 -13	-50.10	-64.13	-68.9	8	1.17	9.20)	V	Pass		

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Band :		LTE Band '	17 for Ch	123755		Temperature :		23~2	5°C	
Test Mode :		5MHz QPS	K RB Si	ze 1 Offset	0	Relative Humi	dity:	48~5	2%	
Test Engine	er:	Sam Li				Polarization :		Horiz	ontal	
Remark:		Spurious e	Spurious emissions below 1GHz were found					belo	w limit line.	
Frequency	ERF	Limit	Over	SPA	S.G.	. TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)	
1408	-62.9	96 -13 -49.96 -60.31				5 0.66	7.80)	Н	Pass
2113	-61.8	34 -13 -48.84 -62.02 -				4 0.85	9.40	0 H Pass		
2818	-64.5	4 -13	-51.54	-64.35	-70.6	0.98	9.20)	Н	Pass

Band :		LTE Band	17 for Cl	H23755		Temperature	:	23~2	25°C			
Test Mode	:	5MHz QPSK RB Size 1 Offset 0 Relative Humidity :					idity :	48~5	48~52%			
Test Engir	neer :	Sam Li	m Li Polarization :					Verti	Vertical			
Remark :		Spurious e	Spurious emissions below 1GHz were found more than 20					belo	w limit line.			
Frequency	ERP	Limit	Over	SPA	S.G.	. TX Cable	TX Ante	enna	Polarization	Result		
			Limit	Reading	Powe	er loss	Gai	n				
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)			
1408	-63.7	5 -13	-50.75 -60.23 -68.74 0.66 7				7.80)	V	Pass		
2113	-61.9	0 -13	-48.90	-62.58	-68.3	0 0.85	9.40)	V	Pass		
2818	-63.4	9 -13	-50.49	-64.35	-69.5	6 0.98	9.20)	V	Pass		

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Band :		LTE Band 1	17 for Ch	123790		Temp	perature :		23~2	25°C	
Test Mode :		5MHz QPS	K RB Si	ze 1 Offset	0	Relat	ive Humic	dity:	48~5	52%	
Test Engine	er:	Sam Li				Polar	rization :		Horiz	zontal	
Remark:		Spurious e	missions	below 1GH	dz were	e foun	d more tha	an 20dB	belo	w limit line.	
Frequency	ERP	Limit	Over	SPA	S.G	•	TX Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBn	n)	(dB)	(dBi	i)	(H/V)	
1414	-63.0					00	0.66	7.80)	Н	Pass
2122.5	-62.3	2 -13	-49.32	-62.50	-68.7	'2	0.85	9.40)	Н	Pass
2830	-64.3					13	0.98	9.20)	Н	Pass

		LTE Band 17 for CH23790 Temperature :						ì	
Band :		LTE Band	17 for Cl	H23790		Temperature :		23~25°C	
Test Mode	:	5MHz QPSK RB Size 1 Offset 0				Relative Humi	dity :	48~52%	
Test Engir	neer :					Polarization :		Vertical	
Remark :		Spurious emissions below 1GHz were found more than 20c					an 20dB	below limit line.	
		<u> </u>							
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna Polarization	Result
Frequency	ERP	Limit	Over Limit	SPA Reading	S.G. Powe	.,,	TX Ante		Result
Frequency (MHz)	ERP					r loss		n	Result
) (dBm)	Limit	Reading	Powe	r loss) (dB)	Gai	n i) (H/V)	Result Pass
(MHz)	(dBm	o) (dBm) 6 -13	Limit (dB)	Reading (dBm)	Power	r loss) (dB)	Gai (dB	(H/V)	

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Band :		LTE Band	17 for Cl	123825		Temperature :		23~2	5°C	
Test Mode	:	5MHz QPS	K RB Si	ze 1 Offset	0	Relative Humid	dity:	48~5	2%	
Test Engine	eer:	Sam Li			ı	Polarization :		Horiz	ontal	
Remark :		Spurious emissions below 1GHz v				found more that	an 20dB	belov	w limit line.	
Frequency	ERP	Limit	Over	SPA	S.G.				Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dB	i)	(H/V)	
1423	-62.1	19 -13 -49.19 -59.54 -				8 0.66	7.80	0	Н	Pass
2134	-60.8	33 -13 -47.83 -61.01 -6				3 0.85	9.40	0 H Pass		
2845	-63.7					1 0.98	9.20	2	Н	Pass

Band :		LTE Band	17 for CI	H23825		Tempera	ture :		23~2	25°C			
Test Mode	:	5MHz QPS	5MHz QPSK RB Size 1 Offset 0 Relative Humidity :					dity :	48~5	48~52%			
Test Engir	neer :	Sam Li	Polarization :					Verti	Vertical				
Remark :		Spurious e	Spurious emissions below 1GHz were found more than 20					an 20dB	belo	w limit line.			
Frequency	ERP	Limit	Over	SPA	S.G.	тхс	Cable	TX Ante	enna	Polarization	Result		
			Limit	Reading	Powe	er lo	SS	Gaiı	n				
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	n) (d	B)	(dBi	i)	(H/V)			
1423	-63.3	3 -13	-50.33	-59.81	1 -68.32 0.66 7.)	V	Pass		
2134	-61.6	7 -13	-48.67	-62.35	-68.0	7 0.	85	9.40)	V	Pass		
2845	-61.9	9 -13	-48.99	-62.85	-68.0	6 0.	98	9.20)	V	Pass		

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Band :		LTE Band '	17 for Ch	123780		Temperature :		23~2	5°C	
Test Mode :		10MHz QP	SK RB S	Size 1 Offse	t O	Relative Humi	dity :	48~5	2%	
Test Engine	er:	Sam Li				Polarization :		Horiz	ontal	
Remark:		Spurious e	missions	below 1GH	dz were	e found more th	an 20dB	belo	w limit line.	
Frequency	ERF	Limit	Over	SPA	S.G	. TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)	
1408	-63.5	58 -13 -50.58 -60.93				0.66	7.80)	Н	Pass
2113	-60.8	-13 -47.81 -60.99				21 0.85	9.40)	Н	Pass
2816	-64.5	3 -13	-51.53	-64.34	-70.6	0.98	9.20)	Н	Pass

Band :		LTE Band	17 for Cl	H23780		Tempe	rature :		23~2	25°C	
Test Mode	:	10MHz QP	SK RB S	Size 1 Offse	et O	Relativ	e Humi	dity :	48~5	52%	
Test Engir	neer :	Sam Li P				Polariz	ation :		Verti	cal	
Remark :		Spurious emissions below 1GHz were found more than 20dl					an 20dB	belo	w limit line.		
Frequency	ERP	Limit	Over	SPA	S.G.	. T)	(Cable	TX Ante	enna	Polarization	Result
			Limit	Reading	Powe	er	loss	Gaiı	า		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm	1) ((dB)	(dBi)	(H/V)	
1408	-64.6	4.61 -13 -51.61 -61.09 -69.60 C			0.66	7.80)	V	Pass		
2113	-61.2	1.21 -13 -48.21 -61.89 -67.61			1	0.85	9.40)	V	Pass	
2816	-63.2	0 -13	-50.20	-64.06	-69.2	7	0.98	9.20)	V	Pass

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Band :		LTE Band '	17 for Ch	123790		Temperature :		23~2	25°C	
Test Mode :		10MHz QP	SK RB S	Size 1 Offse	t O	Relative Humi	dity :	48~5	52%	
Test Engine	er:	Sam Li				Polarization :		Horiz	zontal	
Remark:		Spurious e	missions	below 1GH	dz were	e found more th	an 20dB	belo	w limit line.	
Frequency	ERF	Limit	Over	SPA	S.G	. TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)	
1411	-63.4	18 -13 -50.48 -60.83				7 0.66	7.80)	Н	Pass
2116	-62.8	5 -13 -49.85 -63.03				25 0.85	9.40	0 H Pass		
2820	-64.2	4 -13	-51.24	-64.05	-70.3	0.98	9.20)	Н	Pass

Band :		LTE Band	17 for Cl	H23790	l	Temperature :		23~25°C		
Test Mode		10MHz QPSK RB Size 1 Offset 0 Relative Humidity:					dity :	48~52%		
Test Engir	neer :	Sam Li		Polarization :				Vertical		
Remark:		Spurious e	purious emissions below 1GHz were found more than 200				an 20dB	below limit	line.	
Frequency	ERF	Limit	Over	SPA	S.G.	TX Cable	TX Ante	enna Polari	zation	Result
			Limit	Reading	Powe	er loss	Gaiı	า		
(MHz)	(dBm) (dBm)	(dB)	(dBm)	(dBm) (dB)	(dBi) (H/	/ V)	
1411	-63.4	7 -13	-50.47	-59.95	-68.46	6 0.66	7.80) \	/	Pass
2116	-61.3	9 -13	-48.39	-62.07	-67.79	9 0.85	9.40) \	/	Pass
2820	-63.7	1 -13	-50.71	-64.57	-69.78	8 0.98	9.20) \	/	Pass

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Band :		LTE Band '	17 for Ch	123800		Temperature	23~25°C			
Test Mode :		10MHz QP	SK RB S	Size 1 Offse	et O	Relative Hum	48~52%			
Test Engineer :		Sam Li				Polarization :	Horizontal			
Remark:		Spurious emissions below 1GHz were found more than 20dB below limit line.								
Frequency	ERF	Limit	Over	SPA	S.G	. TX Cable	TX Anto	enna	Polarization	Result
			Limit	Reading	Powe	er loss	Gai	n		
(MHz)	(dBn	n) (dBm)	(dB)	(dBm)	(dBm	n) (dB)	(dB	i)	(H/V)	
1411	-64.2	0 -13	-51.20	-61.55	-69.1	9 0.66	7.80)	Н	Pass
2119	-62.4	0 -13	-49.40	-62.58	-68.8	0.85	9.40)	Н	Pass
2824	-64.5	0 -13	-51.50	-64.31	-70.5	0.98	9.20)	Н	Pass

Band :		LTE Band 17 for CH23800					Temperature :			23~25°C		
Test Mode :		10MHz QPSK RB Size 1 Offset 0					Relative Humidity :			48~52%		
Test Engineer :		Sam Li					Polarization :			Vertical		
Remark :		Spurious emissions below 1GHz were found more than 20dB below limit line.										
Frequency	ERF	Limit	Over	SPA	S.G.		TX Cable	TX Ante	enna	Polarization	Result	
			Limit	Reading	Powe	er	loss	Gaiı	n			
(MHz)	(dBn) (dBm)	(dB)	(dBm)	(dBm	n)	(dB)	(dBi	i)	(H/V)		
1411	-62.8	3 -13	-49.83	-59.31	-67.8	32	0.66	7.80)	V	Pass	
2119	-61.2	9 -13	-48.29	-61.97	-67.6	9	0.85	9.40)	V	Pass	
2824	-63.1	7 -13	-50.17	-64.03	-69.2	24	0.98	9.20)	V	Pass	

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