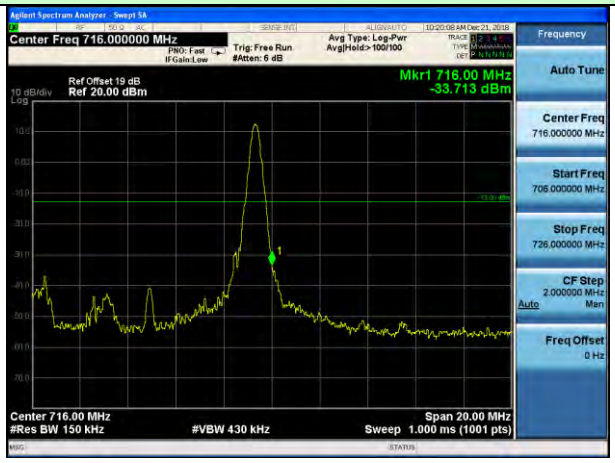
Test Mode: LTE Band 12 / 10MHz / 1RB / 16-QAM

Lowest channel



Highest channel

Test Mode: LTE Band 12 / 10MHz / 50RB / 16-QAM

Lowest channel

Highest channel

Test Mode: LTE Band 13 / 5MHz / 1RB / QPSK

Lowest channel

Highest channel

Test Mode: LTE Band 13 / 5MHz / 25RB / QPSK

Lowest channel

Highest channel

Test Mode: LTE Band 13 / 10MHz / 1RB / QPSK

Lowest channel

Highest channel

Test Mode: LTE Band 13 / 10MHz / 50RB / QPSK

Lowest channel

Highest channel

Test Mode: LTE Band 13 / 5MHz / 1RB / 16-QAM

Lowest channel

Highest channel

Test Mode: LTE Band 13 / 5MHz / 25RB / 16-QAM

Lowest channel

Highest channel

Test Mode: LTE Band 13 / 10MHz / 1RB / 16-QAM

Lowest channel

Highest channel

Test Mode: LTE Band 13 / 10MHz / 50RB / 16-QAM

Lowest channel

Highest channel

Test Mode: LTE Band 25 / 1.4MHz / 1RB / QPSK

Lowest channel

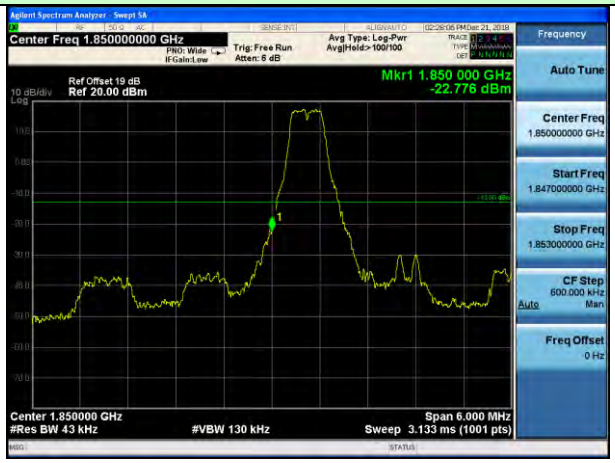
Highest channel

Test Mode: LTE Band 25 / 1.4MHz / 6RB / QPSK

Lowest channel

Highest channel

Test Mode: LTE Band 25 / 3MHz / 1RB / QPSK



Lowest channel

Highest channel

Test Mode: LTE Band 25 / 3MHz / 15RB / QPSK

Lowest channel

Highest channel

Test Mode: LTE Band 25 / 5MHz / 1RB / QPSK

Lowest channel

Highest channel

Test Mode: LTE Band 25 / 5MHz / 25RB / QPSK

Lowest channel

Highest channel

Test Mode: LTE Band 25 / 10MHz / 1RB / QPSK

Lowest channel

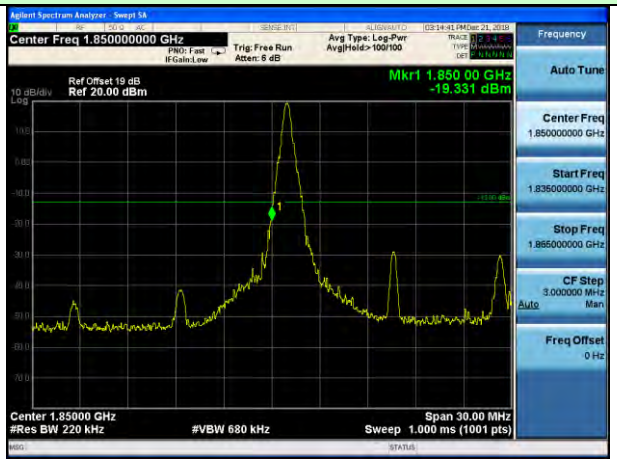
Highest channel

Test Mode: LTE Band 25 / 10MHz / 50RB / QPSK

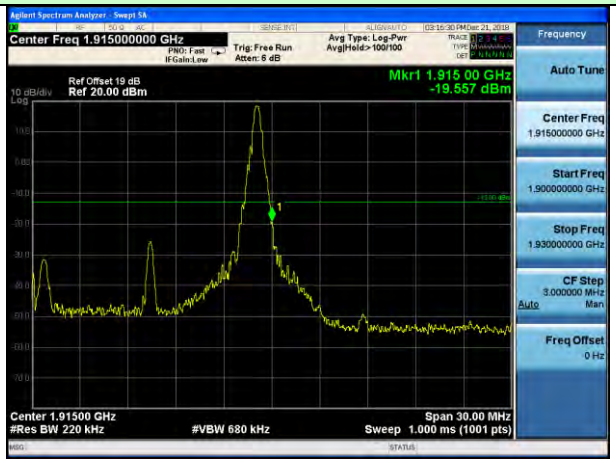
Lowest channel

Highest channel

Test Mode: LTE Band 25 / 15MHz / 1RB / QPSK



Lowest channel



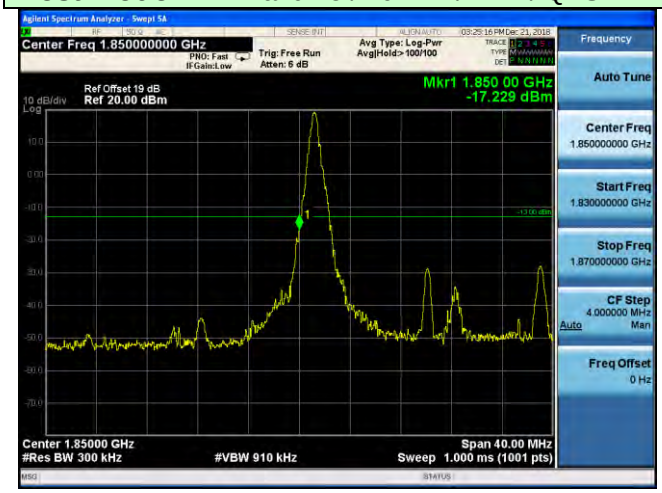
Highest channel

Test Mode: LTE Band 25 / 15MHz / 75RB / QPSK

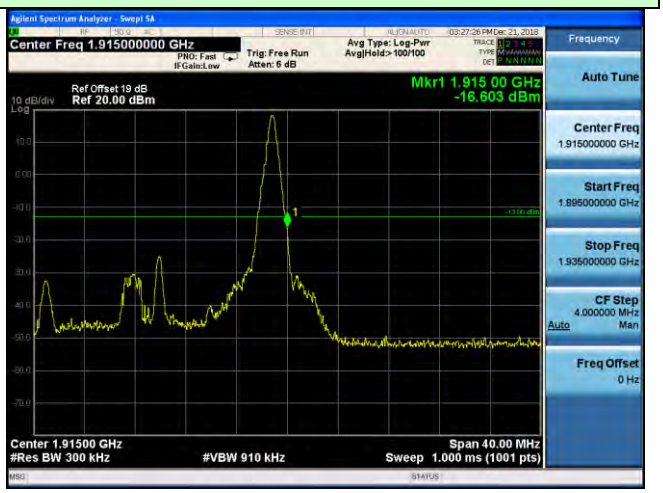
Lowest channel

Highest channel

Test Mode: LTE Band 25 / 20MHz / 1RB / QPSK



Lowest channel



Highest channel

Test Mode: LTE Band 25 / 20MHz / 100RB / QPSK

Lowest channel

Highest channel

Test Mode: LTE Band 25 / 1.4MHz / 1RB / 16-QAM

Lowest channel

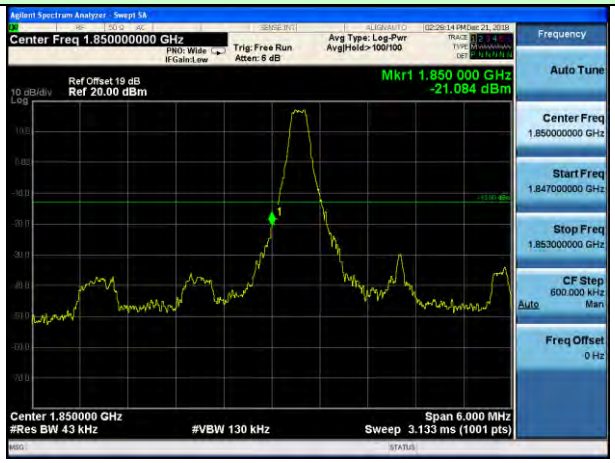
Highest channel

Test Mode: LTE Band 25 / 1.4MHz / 6RB / 16-QAM

Lowest channel

Highest channel

Test Mode: LTE Band 25 / 3MHz / 1RB / 16-QAM



Lowest channel

Highest channel

Test Mode: LTE Band 25 / 3MHz / 15RB / 16-QAM

Lowest channel

Highest channel

Test Mode: LTE Band 25 / 5MHz / 1RB / 16-QAM

Lowest channel

Highest channel

Test Mode: LTE Band 25 / 5MHz / 25RB / 16-QAM

Lowest channel

Highest channel

Test Mode: LTE Band 25 / 10MHz / 1RB / 16-QAM

Lowest channel

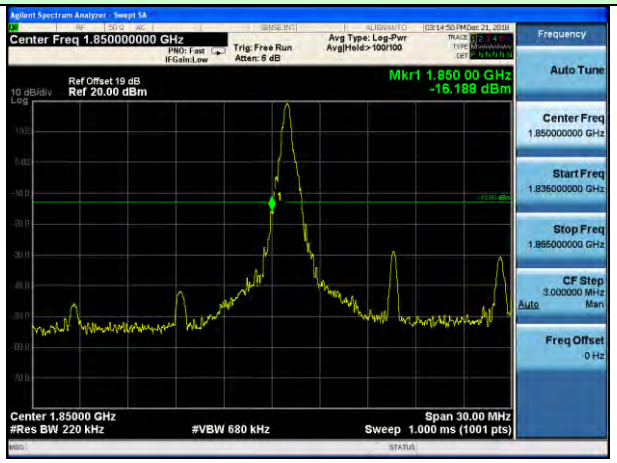
Highest channel

Test Mode: LTE Band 25 / 10MHz / 50RB / 16-QAM

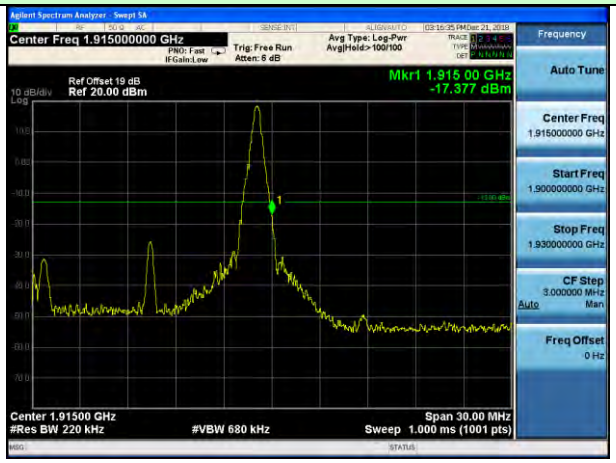
Lowest channel

Highest channel

Test Mode: LTE Band 25 / 15MHz / 1RB / 16-QAM



Lowest channel



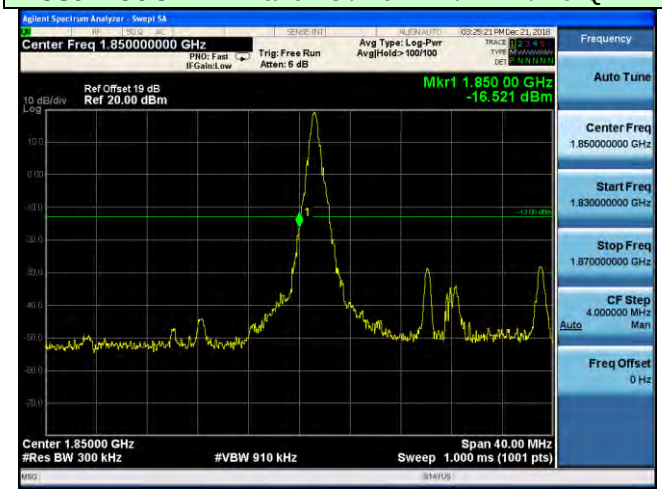
Highest channel

Test Mode: LTE Band 25 / 15MHz / 75RB / 16-QAM

Lowest channel

Highest channel

Test Mode: LTE Band 25 / 20MHz / 1RB / 16-QAM



Lowest channel

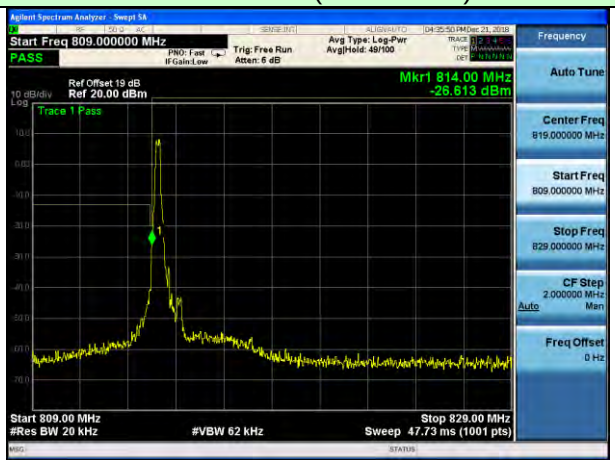
Highest channel

Test Mode: LTE Band 25 / 20MHz / 100RB / 16-QAM

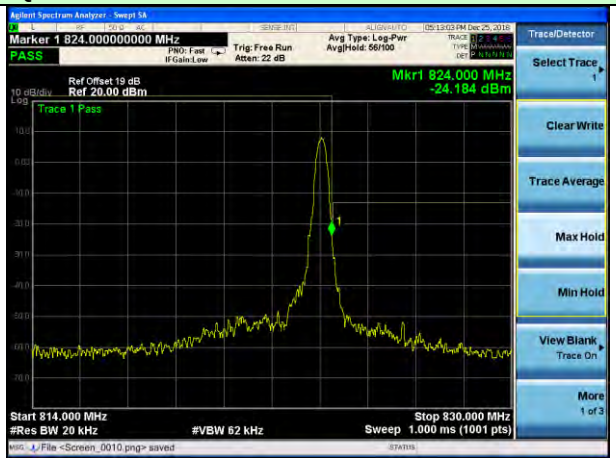
Lowest channel

Highest channel

Test Mode: LTE Band 26(Lower Band) / 1.4MHz / 1RB / QPSK



Lowest channel



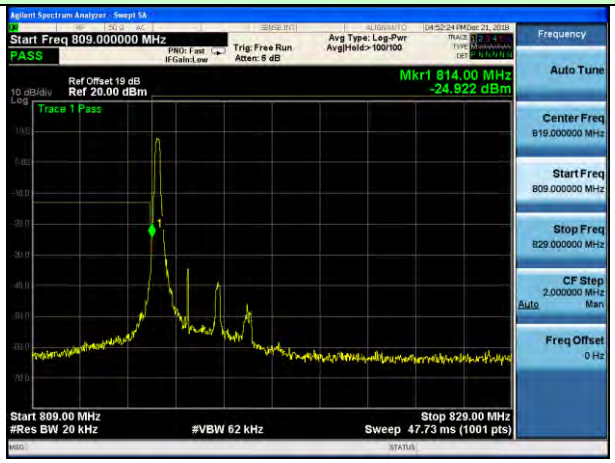
Highest channel

Test Mode: LTE Band 26(Lower Band) / 1.4MHz / 6RB / QPSK

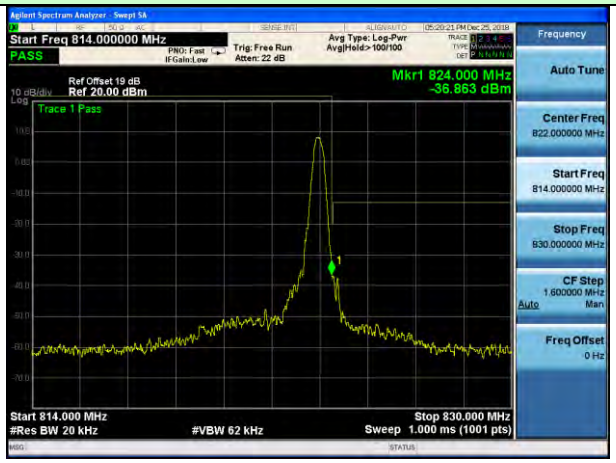
Lowest channel

Highest channel

Test Mode: LTE Band 26(Lower Band) / 3MHz / 1RB / QPSK



Lowest channel



Highest channel

Test Mode: LTE Band 26(Lower Band) / 3MHz / 15RB / QPSK

Lowest channel

Highest channel

Test Mode: LTE Band 26(Lower Band) / 5MHz / 1RB / QPSK

Lowest channel

Highest channel

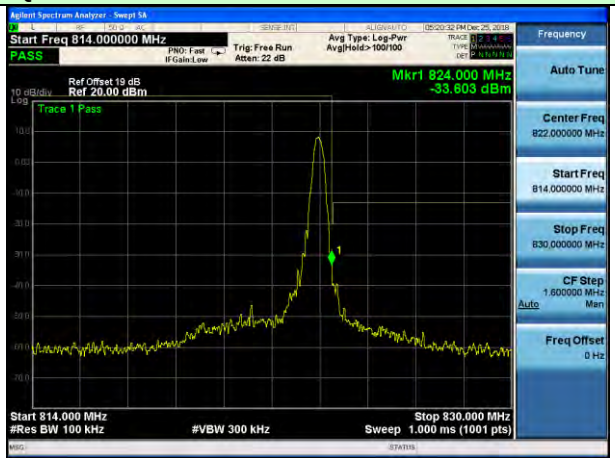
Test Mode: LTE Band 26(Lower Band) / 5MHz / 25RB / QPSK

Lowest channel

Highest channel

Test Mode: LTE Band 26(Lower Band) / 10MHz / 1RB / QPSK

Lowest channel



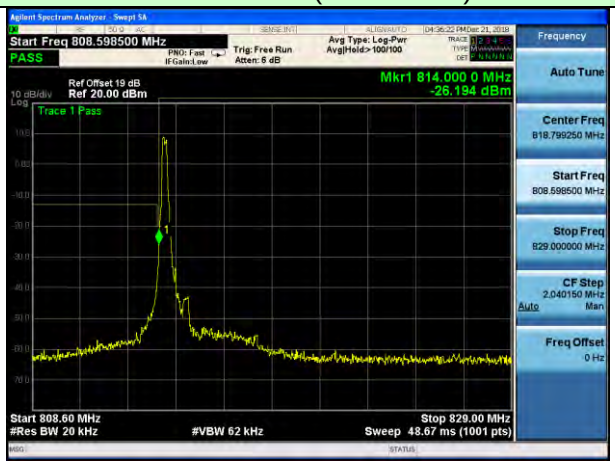
Highest channel

Test Mode: LTE Band 26(Lower Band) / 10MHz / 50RB / QPSK

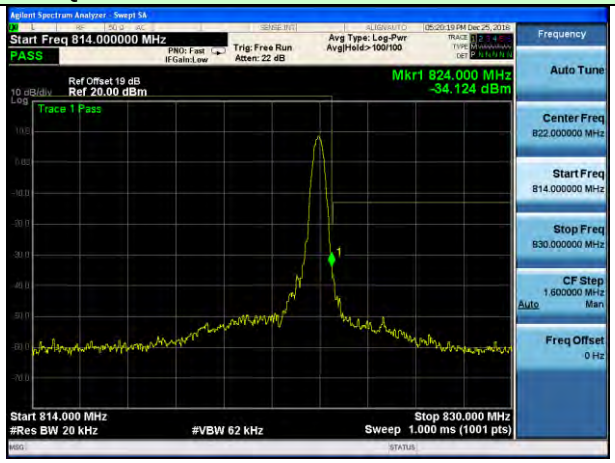
Lowest channel

Highest channel

Test Mode: LTE Band 26(Lower Band) / 1.4MHz / 1RB / 16-QAM



Lowest channel



Highest channel

Test Mode: LTE Band 26(Lower Band) / 1.4MHz / 6RB / 16-QAM

Lowest channel

Highest channel

Test Mode: LTE Band 26(Lower Band) / 3MHz / 1RB / 16-QAM

Lowest channel

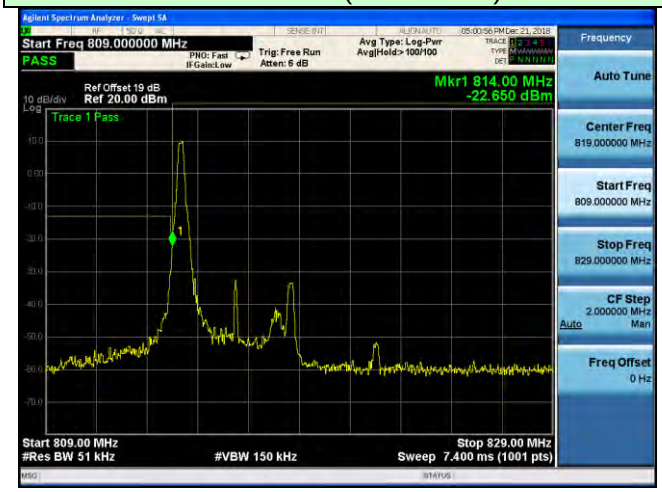
Highest channel

Test Mode: LTE Band 26(Lower Band) / 3MHz / 15RB / 16-QAM

Lowest channel

Highest channel

Test Mode: LTE Band 26(Lower Band) / 5MHz / 1RB / 16-QAM



Lowest channel

Highest channel

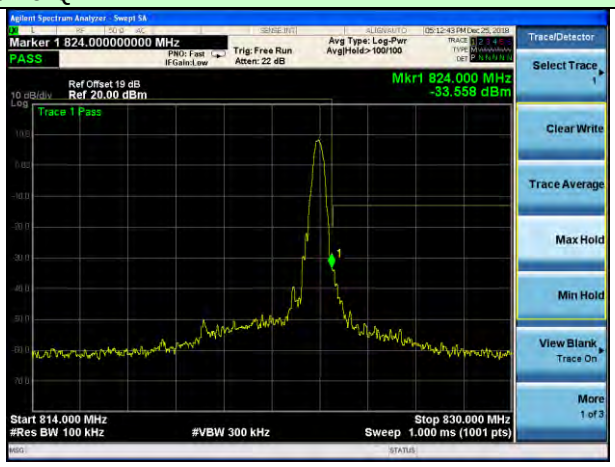
Test Mode: LTE Band 26(Lower Band) / 5MHz / 25RB / 16-QAM

Lowest channel

Highest channel

Test Mode: LTE Band 26(Lower Band) / 10MHz / 1RB / 16-QAM

Lowest channel



Highest channel

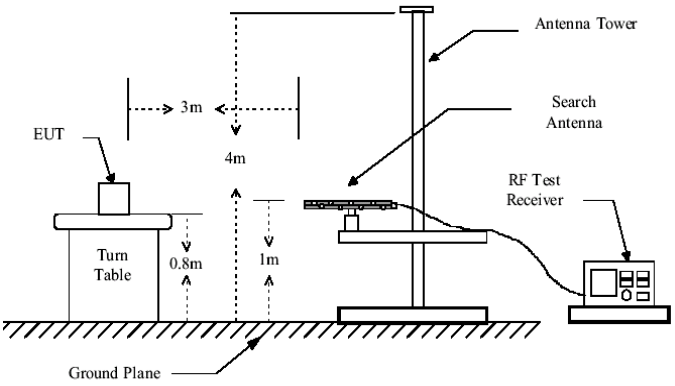
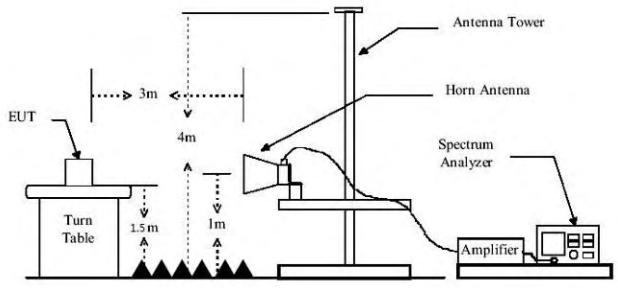
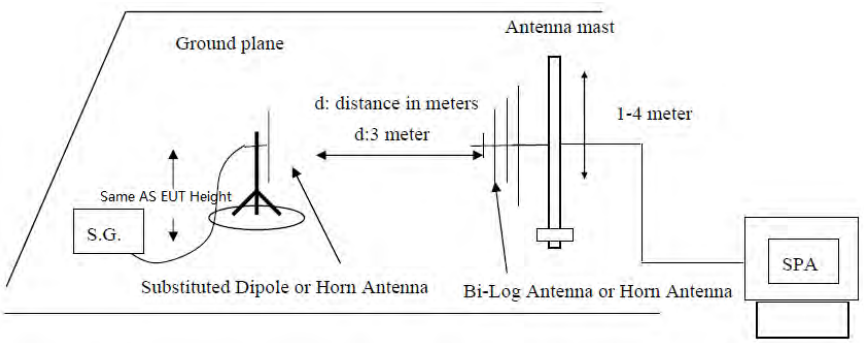
Test Mode: LTE Band 26 / 10MHz / 50RB / 16-QAM

Lowest channel

Highest channel

Note: All bandwidth and modulation are tested, only the worst result is reported.

4.8 ERP, EIRP Measurement

Test Requirement:	FCC part22.913(a), FCC part24.232(b), FCC part 27.53, and FCC part 90.635, RSS-130 (4.4), RSS-132 (5.4), RSS-133 (6.4), RSS-139(6.5) and RSS-199(4.4)
Test Method:	KDB 971168 D01 v03r1 clause 5.8, FCC part2.1051, ANSI/TIA-603-D, ANSI C63.26 clause 5.7
Limit:	LTE Band 2: 2W (EIRP) LTE Band 4: 1W (EIRP) LTE Band 5(Upper Band): [7W (ERP) for FCC, 11.5W(EIRP) for ISED] LTE Band 7: 2W (EIRP) LTE Band 12: 3W (ERP) LTE Band 13: 3W (ERP) LTE Band 25:2W (EIRP) LTE Band 26(Lower Band): 100W (Conducted)
Test setup:	Below 1GHz  Above 1GHz  Substituted method: 

Test Procedure:	1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer. 2. During the measurement, the EUT was communication with the station. The highest emission was recorded with the rotation of the turntable and the lowering of the test antenna from 4m to 1m. The reading was recorded and the field strength (E in dBuV/m) was calculated. 3. ERP were measured using a substitution method. The EUT was replaced by dipole antenna connected, the S.G. output was recorded and ERP was calculated asfollows: ERP = S.G. output (dBm) + Antenna Gain (dBd) – Cable Loss (dB) 4. EIRP were measured using a substitution method. The EUT was replaced by or horn antenna connected, the S.G. output was recorded and EIRP was calculated as follows: EIRP = S.G. output (dBm) + Antenna Gain (dBi) – Cable Loss (dB)
Test Instruments:	Refer to section 3 for details
Test mode:	Refer to section 4.1 for details
Test results:	Pass
Remark:	H,E1,E2 mean for EUT polarization of X, Y, Z

Measurement Data

EUT mode	RB Size	RB Offset	Channel	EUT Pol.	Antenna Pol.	EIRP (dBm)	Limit (dBm)	Result
LTE Band 2 (1.4MHz) QPSK	6	0	Lowest	H	V	20.70	33.00	Pass
					H	19.32		
				E1	V	21.40		
					H	18.93		
				E2	V	19.86		
					H	17.71		
	6	0	Middle	H	V	21.57	33.00	Pass
					H	19.87		
				E1	V	20.82		
					H	19.36		
				E2	V	20.84		
					H	19.00		
	6	0	Highest	H	V	20.73	33.00	Pass
					H	19.56		
				E1	V	21.27		
					H	20.68		
				E2	V	20.23		
					H	19.30		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (3MHz) QPSK	Lowest	15	0	H	V	20.62	33.00	Pass
					H	17.58		
				E1	V	20.95		
					H	16.14		
				E2	V	20.28		
					H	17.69		
	Middle	15	0	H	V	20.50	33.00	Pass
					H	16.53		
				E1	V	20.58		
					H	16.96		
				E2	V	20.21		
					H	16.83		
	Highest	15	0	H	V	20.70	33.00	Pass
					H	16.36		
				E1	V	20.50		
					H	16.23		
				E2	V	19.45		
					H	15.90		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (5MHz) QPSK	Lowest	25	0	H	V	20.39	33.00	Pass
					H	16.29		
				E1	V	20.38		
					H	16.21		
				E2	V	20.90		
					H	17.08		
	Middle	25	0	H	V	20.76	33.00	Pass
					H	17.07		
				E1	V	20.01		
					H	16.11		
				E2	V	20.53		
					H	17.31		
	Highest	25	0	H	V	20.18	33.00	Pass
					H	17.46		
				E1	V	20.19		
					H	19.57		
				E2	V	20.80		
					H	16.98		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (10MHz) QPSK	Lowest	50	0	H	V	20.48	33.00	Pass
					H	16.22		
				E1	V	20.16		
					H	16.12		
				E2	V	20.02		
					H	16.98		
	Middle	50	0	H	V	20.72	33.00	Pass
					H	16.88		
				E1	V	20.70		
					H	17.36		
				E2	V	20.44		
					H	16.69		
	Highest	50	0	H	V	20.78	33.00	Pass
					H	16.93		
				E1	V	20.03		
					H	16.06		
				E2	V	20.11		
					H	15.36		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (15MHz) QPSK	Lowest	75	0	H	V	20.31	33.00	Pass
					H	16.64		
				E1	V	20.77		
					H	16.70		
				E2	V	20.02		
					H	15.82		
	Middle	75	0	H	V	19.93	33.00	Pass
					H	16.05		
				E1	V	19.09		
					H	15.65		
				E2	V	19.40		
					H	14.58		
	Highest	75	0	H	V	19.41	33.00	Pass
					H	14.00		
				E1	V	19.63		
					H	14.19		
				E2	V	19.13		
					H	14.46		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (20MHz) QPSK	Lowest	100	0	H	V	18.91	33.00	Pass
					H	14.65		
				E1	V	18.01		
					H	14.30		
				E2	V	18.77		
					H	14.25		
	Middle	100	0	H	V	18.53	33.00	Pass
					H	14.55		
				E1	V	18.72		
					H	14.73		
				E2	V	18.51		
					H	14.43		
	Highest	100	0	H	V	18.02	33.00	Pass
					H	14.75		
				E1	V	19.08		
					H	15.06		
				E2	V	18.44		
					H	14.17		

EUT mode	RB Size	RB Offset	Channel	EUT Pol.	Antenna Pol.	EIRP (dBm)	Limit (dBm)	Result
LTE Band 2 (1.4MHz) 16 QAM	6	0	Lowest	H	V	20.65	33.00	Pass
					H	19.27		
				E1	V	21.35		
					H	18.88		
				E2	V	19.81		
					H	17.66		
	6	0	Middle	H	V	21.52	33.00	Pass
					H	19.82		
				E1	V	20.77		
					H	19.31		
				E2	V	20.79		
					H	18.95		
	6	0	Highest	H	V	20.68	33.00	Pass
					H	19.51		
				E1	V	21.22		
					H	20.63		
				E2	V	20.18		
					H	19.25		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (3MHz) 16 QAM	Lowest	15	0	H	V	20.57	33.00	Pass
					H	17.53		
				E1	V	20.9		
					H	16.09		
				E2	V	20.23		
					H	17.64		
	Middle	15	0	H	V	20.45	33.00	Pass
					H	16.48		
				E1	V	20.53		
					H	16.91		
				E2	V	20.16		
					H	16.78		
	Highest	15	0	H	V	20.65	33.00	Pass
					H	16.31		
				E1	V	20.45		
					H	16.18		
				E2	V	19.4		
					H	15.85		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (5MHz) 16 QAM	Lowest	25	0	H	V	20.34	33.00	Pass
					H	16.24		
				E1	V	20.33		
					H	16.16		
				E2	V	20.85		
					H	17.03		
	Middle	25	0	H	V	20.71	33.00	Pass
					H	17.02		
				E1	V	19.96		
					H	16.06		
				E2	V	20.48		
					H	17.26		
	Highest	25	0	H	V	20.13	33.00	Pass
					H	17.41		
				E1	V	20.14		
					H	19.52		
				E2	V	20.75		
					H	16.93		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (10MHz) 16 QAM	Lowest	50	0	H	V	20.43	33.00	Pass
					H	16.17		
				E1	V	20.11		
					H	16.07		
				E2	V	19.97		
					H	16.93		
	Middle	50	0	H	V	20.67	33.00	Pass
					H	16.83		
				E1	V	20.65		
					H	17.31		
				E2	V	20.39		
					H	16.64		
	Highest	50	0	H	V	20.73	33.00	Pass
					H	16.88		
				E1	V	19.98		
					H	16.01		
				E2	V	20.06		
					H	15.31		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (15MHz) 16 QAM	Lowest	75	0	H	V	20.26	33.00	Pass
					H	16.59		
				E1	V	20.72		
					H	16.65		
				E2	V	19.97		
					H	15.77		
	Middle	75	0	H	V	19.88	33.00	Pass
					H	16		
				E1	V	19.04		
					H	15.6		
				E2	V	19.35		
					H	14.53		
	Highest	75	0	H	V	19.36	33.00	Pass
					H	13.95		
				E1	V	19.58		
					H	14.14		
				E2	V	19.08		
					H	14.41		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 2 (20MHz) 16 QAM	Lowest	100	0	H	V	18.86	33.00	Pass
					H	14.6		
				E1	V	17.96		
					H	14.25		
				E2	V	18.72		
					H	14.2		
	Middle	100	0	H	V	18.48	33.00	Pass
					H	14.5		
				E1	V	18.67		
					H	14.68		
				E2	V	18.46		
					H	14.38		
	Highest	100	0	H	V	17.97	33.00	Pass
					H	14.7		
				E1	V	19.03		
					H	15.01		
				E2	V	18.39		
					H	14.12		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (1.4MHz) QPSK	Lowest	6	0	H	V	21.78	30.00	Pass
					H	18.58		
				E1	V	21.29		
					H	18.45		
				E2	V	20.70		
					H	16.03		
	Middle	6	0	H	V	21.80	30.00	Pass
					H	17.31		
				E1	V	21.56		
					H	17.62		
				E2	V	20.78		
					H	16.65		
	Highest	6	0	H	V	20.60	30.00	Pass
					H	16.10		
				E1	V	20.73		
					H	16.57		
				E2	V	20.93		
					H	16.23		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (3MHz) QPSK	Lowest	15	0	H	V	20.29	30.00	Pass
					H	16.83		
				E1	V	20.32		
					H	16.63		
				E2	V	20.12		
					H	15.00		
	Middle	15	0	H	V	20.37	30.00	Pass
					H	15.33		
				E1	V	20.21		
					H	16.47		
				E2	V	20.50		
					H	15.97		
	Highest	15	0	H	V	20.24	30.00	Pass
					H	15.50		
				E1	V	20.43		
					H	15.96		
				E2	V	20.03		
					H	15.48		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (5MHz) QPSK	Lowest	25	0	H	V	20.18	30.00	Pass
					H	15.25		
				E1	V	20.24		
					H	15.01		
				E2	V	20.25		
					H	15.70		
	Middle	25	0	H	V	20.16	30.00	Pass
					H	15.37		
				E1	V	20.34		
					H	15.43		
				E2	V	20.09		
					H	15.18		
	Highest	25	0	H	V	20.20	30.00	Pass
					H	15.35		
				E1	V	20.09		
					H	15.22		
				E2	V	20.49		
					H	14.73		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (10MHz) QPSK	Lowest	50	0	H	V	19.56	30.00	Pass
					H	14.93		
				E1	V	19.25		
					H	14.69		
				E2	V	19.27		
					H	14.87		
	Middle	50	0	H	V	19.68	30.00	Pass
					H	14.42		
				E1	V	19.80		
					H	14.83		
				E2	V	19.90		
					H	14.92		
	Highest	50	0	H	V	19.27	30.00	Pass
					H	14.69		
				E1	V	19.29		
					H	15.33		
				E2	V	19.05		
					H	13.67		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (15MHz) QPSK	Lowest	75	0	H	V	19.88	30.00	Pass
					H	14.82		
				E1	V	19.05		
					H	14.55		
				E2	V	19.81		
					H	14.93		
	Middle	75	0	H	V	19.83	30.00	Pass
					H	14.13		
				E1	V	19.56		
					H	14.64		
				E2	V	19.31		
					H	14.96		
	Highest	75	0	H	V	19.55	30.00	Pass
					H	15.06		
				E1	V	19.56		
					H	14.09		
				E2	V	18.88		
					H	14.49		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (20MHz) QPSK	Lowest	100	0	H	V	18.68	30.00	Pass
					H	13.48		
				E1	V	19.07		
					H	13.84		
				E2	V	18.90		
					H	13.63		
	Middle	100	0	H	V	18.64	30.00	Pass
					H	13.29		
				E1	V	18.39		
					H	13.63		
				E2	V	18.92		
					H	13.47		
	Highest	100	0	H	V	18.84	30.00	Pass
					H	13.77		
				E1	V	18.07		
					H	13.67		
				E2	V	18.04		
					H	12.98		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (1.4MHz) 16 QAM	Lowest	6	0	H	V	21.73	30.00	Pass
					H	18.53		
				E1	V	21.24		
					H	18.4		
				E2	V	20.65		
					H	15.98		
	Middle	6	0	H	V	21.75	30.00	Pass
					H	17.26		
				E1	V	21.51		
					H	17.57		
				E2	V	20.73		
					H	16.6		
	Highest	6	0	H	V	20.55	30.00	Pass
					H	16.05		
				E1	V	20.68		
					H	16.52		
				E2	V	20.88		
					H	16.18		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (3MHz) 16 QAM	Lowest	15	0	H	V	20.24	30.00	Pass
					H	16.78		
				E1	V	20.27		
					H	16.58		
				E2	V	20.07		
					H	14.95		
	Middle	15	0	H	V	20.32	30.00	Pass
					H	15.28		
				E1	V	20.16		
					H	16.42		
				E2	V	20.45		
					H	15.92		
	Highest	15	0	H	V	20.19	30.00	Pass
					H	15.45		
				E1	V	20.38		
					H	15.91		
				E2	V	19.98		
					H	15.43		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (5MHz) 16 QAM	Lowest	25	0	H	V	20.13	30.00	Pass
					H	15.2		
				E1	V	20.19		
					H	14.96		
				E2	V	20.2		
					H	15.65		
	Middle	25	0	H	V	20.11	30.00	Pass
					H	15.32		
				E1	V	20.29		
					H	15.38		
				E2	V	20.04		
					H	15.13		
	Highest	25	0	H	V	20.15	30.00	Pass
					H	15.3		
				E1	V	20.04		
					H	15.17		
				E2	V	20.44		
					H	14.68		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (10MHz) 16 QAM	Lowest	50	0	H	V	19.51	30.00	Pass
					H	14.88		
				E1	V	19.2		
					H	14.64		
				E2	V	19.22		
					H	14.82		
	Middle	50	0	H	V	19.63	30.00	Pass
					H	14.37		
				E1	V	19.75		
					H	14.78		
				E2	V	19.85		
					H	14.87		
	Highest	50	0	H	V	19.22	30.00	Pass
					H	14.64		
				E1	V	19.24		
					H	15.28		
				E2	V	19		
					H	13.62		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (15MHz) 16 QAM	Lowest	75	0	H	V	19.83	30.00	Pass
					H	14.77		
				E1	V	19		
					H	14.5		
				E2	V	19.76		
					H	14.88		
	Middle	75	0	H	V	19.78	30.00	Pass
					H	14.08		
				E1	V	19.51		
					H	14.59		
				E2	V	19.26		
					H	14.91		
	Highest	75	0	H	V	19.5	30.00	Pass
					H	15.01		
				E1	V	19.51		
					H	14.04		
				E2	V	18.83		
					H	14.44		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 4 (20MHz) 16 QAM	Lowest	100	0	H	V	18.63	30.00	Pass
					H	13.43		
				E1	V	19.02		
					H	13.79		
				E2	V	18.85		
					H	13.58		
	Middle	100	0	H	V	18.59	30.00	Pass
					H	13.24		
				E1	V	18.34		
					H	13.58		
				E2	V	18.87		
					H	13.42		
	Highest	100	0	H	V	18.79	30.00	Pass
					H	13.72		
				E1	V	18.02		
					H	13.62		
				E2	V	17.99		
					H	12.93		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 5 (1.4MHz) QPSK	Lowest	6	0	H	V	21.42	38.45	Pass
					H	18.19		
				E1	V	21.44		
					H	17.50		
				E2	V	19.63		
					H	16.58		
	Middle	6	0	H	V	21.43	38.45	Pass
					H	17.78		
				E1	V	21.58		
					H	18.27		
				E2	V	20.88		
					H	17.86		
	Highest	6	0	H	V	21.03	38.45	Pass
					H	17.85		
				E1	V	21.48		
					H	17.31		
				E2	V	21.05		
					H	18.79		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 5 (3MHz) QPSK	Lowest	15	0	H	V	21.38	38.45	Pass
					H	16.86		
				E1	V	21.00		
					H	17.04		
				E2	V	21.33		
					H	17.80		
	Middle	15	0	H	V	21.04	38.45	Pass
					H	16.25		
				E1	V	21.23		
					H	17.68		
				E2	V	20.86		
					H	17.23		
	Highest	15	0	H	V	21.05	38.45	Pass
					H	16.99		
				E1	V	20.73		
					H	16.44		
				E2	V	20.55		
					H	16.78		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 5 (5MHz) QPSK	Lowest	25	0	H	V	20.22	38.45	Pass
					H	16.75		
				E1	V	20.16		
					H	16.92		
				E2	V	19.99		
					H	16.68		
	Middle	25	0	H	V	20.25	38.45	Pass
					H	16.90		
				E1	V	20.36		
					H	16.76		
				E2	V	20.27		
					H	16.26		
	Highest	25	0	H	V	20.38	38.45	Pass
					H	16.37		
				E1	V	20.75		
					H	16.11		
				E2	V	20.70		
					H	17.07		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 5 (10MHz) QPSK	Lowest	50	0	H	V	19.55	38.45	Pass
					H	15.50		
				E1	V	19.43		
					H	15.77		
				E2	V	19.10		
					H	15.52		
	Middle	50	0	H	V	19.20	38.45	Pass
					H	14.98		
				E1	V	19.92		
					H	14.62		
				E2	V	19.42		
					H	15.04		
	Highest	50	0	H	V	19.04	38.45	Pass
					H	14.20		
				E1	V	19.96		
					H	15.57		
				E2	V	19.08		
					H	14.18		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 5 (1.4MHz) 16 QAM	Lowest	6	0	H	V	21.37	38.45	Pass
					H	18.14		
				E1	V	21.39		
					H	17.45		
				E2	V	19.58		
					H	16.53		
	Middle	6	0	H	V	21.38	38.45	Pass
					H	17.73		
				E1	V	21.53		
					H	18.22		
				E2	V	20.83		
					H	17.81		
	Highest	6	0	H	V	20.98	38.45	Pass
					H	17.8		
				E1	V	21.43		
					H	17.26		
				E2	V	21		
					H	18.74		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 5 (3MHz) 16 QAM	Lowest	15	0	H	V	21.33	38.45	Pass
					H	16.81		
				E1	V	20.95		
					H	16.99		
				E2	V	21.28		
					H	17.75		
	Middle	15	0	H	V	20.99	38.45	Pass
					H	16.2		
				E1	V	21.18		
					H	17.63		
				E2	V	20.81		
					H	17.18		
	Highest	15	0	H	V	21	38.45	Pass
					H	16.94		
				E1	V	20.68		
					H	16.39		
				E2	V	20.5		
					H	16.73		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 5 (5MHz) 16 QAM	Lowest	25	0	H	V	20.17	38.45	Pass
					H	16.7		
				E1	V	20.11		
					H	16.87		
				E2	V	19.94		
					H	16.63		
	Middle	25	0	H	V	20.2	38.45	Pass
					H	16.85		
				E1	V	20.31		
					H	16.71		
				E2	V	20.22		
					H	16.21		
	Highest	25	0	H	V	20.33	38.45	Pass
					H	16.32		
				E1	V	20.7		
					H	16.06		
				E2	V	20.65		
					H	17.02		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 5 (10MHz) 16 QAM	Lowest	50	0	H	V	19.5	38.45	Pass
					H	15.45		
				E1	V	19.38		
					H	15.72		
				E2	V	19.05		
					H	15.47		
	Middle	50	0	H	V	19.15	38.45	Pass
					H	14.93		
				E1	V	19.87		
					H	14.57		
				E2	V	19.37		
					H	14.99		
	Highest	50	0	H	V	18.99	38.45	Pass
					H	14.15		
				E1	V	19.91		
					H	15.52		
				E2	V	19.03		
					H	14.13		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 7 (5MHz) QPSK	Lowest	25	0	H	V	21.34	33.00	Pass
					H	17.56		
				E1	V	21.46		
					H	17.92		
				E2	V	21.28		
					H	17.29		
	Middle	25	0	H	V	21.63	33.00	Pass
					H	18.29		
				E1	V	21.79		
					H	18.71		
				E2	V	21.78		
					H	17.18		
	Highest	25	0	H	V	21.20	33.00	Pass
					H	17.51		
				E1	V	21.22		
					H	17.58		
				E2	V	21.35		
					H	17.71		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 7 (10MHz) QPSK	Lowest	50	0	H	V	20.49	33.00	Pass
					H	16.95		
				E1	V	20.40		
					H	16.47		
				E2	V	20.54		
					H	16.85		
	Middle	50	0	H	V	20.52	33.00	Pass
					H	16.83		
				E1	V	20.50		
					H	16.26		
				E2	V	20.67		
					H	16.85		
	Highest	50	0	H	V	20.60	33.00	Pass
					H	16.20		
				E1	V	20.49		
					H	16.17		
				E2	V	20.10		
					H	16.59		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 7 (15MHz) QPSK	Lowest	75	0	H	V	19.22	33.00	Pass
					H	15.80		
				E1	V	19.32		
					H	15.36		
				E2	V	19.30		
					H	15.54		
	Middle	75	0	H	V	19.98	33.00	Pass
					H	15.62		
				E1	V	19.12		
					H	15.51		
				E2	V	19.78		
					H	15.34		
	Highest	75	0	H	V	19.18	33.00	Pass
					H	15.47		
				E1	V	19.08		
					H	15.40		
				E2	V	19.35		
					H	15.31		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 7 (20MHz) QPSK	Lowest	100	0	H	V	18.31	33.00	Pass
					H	14.95		
				E1	V	18.78		
					H	14.16		
				E2	V	18.24		
					H	14.20		
	Middle	100	0	H	V	18.23	33.00	Pass
					H	14.57		
				E1	V	18.12		
					H	14.94		
				E2	V	18.88		
					H	14.25		
	Highest	100	0	H	V	18.46	33.00	Pass
					H	14.72		
				E1	V	18.02		
					H	14.09		
				E2	V	18.44		
					H	14.82		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 7 (5MHz) 16 QAM	Lowest	25	0	H	V	21.29	33.00	Pass
					H	17.51		
				E1	V	21.41		
					H	17.87		
				E2	V	21.23		
					H	17.24		
	Middle	25	0	H	V	21.58	33.00	Pass
					H	18.24		
				E1	V	21.74		
					H	18.66		
				E2	V	21.73		
					H	17.13		
	Highest	25	0	H	V	21.15	33.00	Pass
					H	17.46		
				E1	V	21.17		
					H	17.53		
				E2	V	21.3		
					H	17.66		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 7 (10MHz) 16 QAM	Lowest	50	0	H	V	20.44	33.00	Pass
					H	16.9		
				E1	V	20.35		
					H	16.42		
				E2	V	20.49		
					H	16.8		
	Middle	50	0	H	V	20.47	33.00	Pass
					H	16.78		
				E1	V	20.45		
					H	16.21		
				E2	V	20.62		
					H	16.8		
	Highest	50	0	H	V	20.55	33.00	Pass
					H	16.15		
				E1	V	20.44		
					H	16.12		
				E2	V	20.05		
					H	16.54		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 7 (15MHz) 16 QAM	Lowest	75	0	H	V	19.17	33.00	Pass
					H	15.75		
				E1	V	19.27		
					H	15.31		
				E2	V	19.25		
					H	15.49		
	Middle	75	0	H	V	19.93	33.00	Pass
					H	15.57		
				E1	V	19.07		
					H	15.46		
				E2	V	19.73		
					H	15.29		
	Highest	75	0	H	V	19.13	33.00	Pass
					H	15.42		
				E1	V	19.03		
					H	15.35		
				E2	V	19.3		
					H	15.26		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 7 (20MHz) 16 QAM	Lowest	100	0	H	V	18.26	33.00	Pass
					H	14.9		
				E1	V	18.73		
					H	14.11		
				E2	V	18.19		
					H	14.15		
	Middle	100	0	H	V	18.18	33.00	Pass
					H	14.52		
				E1	V	18.07		
					H	14.89		
				E2	V	18.83		
					H	14.2		
	Highest	100	0	H	V	18.41	33.00	Pass
					H	14.67		
				E1	V	17.97		
					H	14.04		
				E2	V	18.39		
					H	14.77		

EUT mode	RB Size	RB Offset	Channel	EUT Pol.	Antenna Pol.	ERP (dBm)	Limit (dBm)	Result
LTE Band 12 (1.4MHz) QPSK	6	0	Lowest	H	V	20.85	34.77	Pass
					H	17.57		
				E1	V	21.21		
					H	18.13		
				E2	V	20.21		
					H	17.50		
	6	0	Middle	H	V	21.25	34.77	Pass
					H	18.69		
				E1	V	21.69		
					H	18.05		
				E2	V	20.91		
					H	17.77		
	6	0	Highest	H	V	20.84	34.77	Pass
					H	17.76		
				E1	V	21.04		
					H	17.04		
				E2	V	20.92		
					H	17.77		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 12 (3MHz) QPSK	Lowest	15	0	H	V	20.09	34.77	Pass
					H	17.28		
				E1	V	20.16		
					H	17.71		
				E2	V	20.93		
					H	17.46		
	Middle	15	0	H	V	20.31	34.77	Pass
					H	17.24		
				E1	V	20.94		
					H	17.77		
				E2	V	20.93		
					H	17.18		
	Highest	15	0	H	V	20.87	34.77	Pass
					H	17.07		
				E1	V	20.28		
					H	17.24		
				E2	V	20.89		
					H	17.16		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 12 (5MHz) QPSK	Lowest	25	0	H	V	19.20	34.77	Pass
					H	16.69		
				E1	V	19.24		
					H	16.26		
				E2	V	19.29		
					H	16.65		
	Middle	25	0	H	V	19.87	34.77	Pass
					H	16.48		
				E1	V	19.59		
					H	16.38		
				E2	V	19.59		
					H	16.75		
	Highest	25	0	H	V	20.05	34.77	Pass
					H	16.24		
				E1	V	19.77		
					H	16.68		
				E2	V	19.53		
					H	16.86		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 12 (10MHz) QPSK	Lowest	50	0	H	V	19.36	34.77	Pass
					H	15.93		
				E1	V	19.33		
					H	15.13		
				E2	V	19.44		
					H	15.32		
	Middle	50	0	H	V	19.02	34.77	Pass
					H	15.96		
				E1	V	19.57		
					H	15.84		
				E2	V	18.99		
					H	15.12		
	Highest	50	0	H	V	19.40	34.77	Pass
					H	15.05		
				E1	V	19.52		
					H	15.90		
				E2	V	19.48		
					H	15.82		

EUT mode	RB Size	RB Offset	Channel	EUT Pol.	Antenna Pol.	ERP (dBm)	Limit (dBm)	Result
LTE Band 12 (1.4MHz) 16 QAM	6	0	Lowest	H	V	20.8	34.77	Pass
					H	17.52		
				E1	V	21.16		
					H	18.08		
				E2	V	20.16		
					H	17.45		
	6	0	Middle	H	V	21.2	34.77	Pass
					H	18.64		
				E1	V	21.64		
					H	18		
				E2	V	20.86		
					H	17.72		
	6	0	Highest	H	V	20.79	34.77	Pass
					H	17.71		
				E1	V	20.99		
					H	16.99		
				E2	V	20.87		
					H	17.72		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 12 (3MHz) 16 QAM	Lowest	15	0	H	V	20.04	34.77	Pass
					H	17.23		
				E1	V	20.11		
					H	17.66		
				E2	V	20.88		
					H	17.41		
	Middle	15	0	H	V	20.26	34.77	Pass
					H	17.19		
				E1	V	20.89		
					H	17.72		
				E2	V	20.88		
					H	17.13		
	Highest	15	0	H	V	20.82	34.77	Pass
					H	17.02		
				E1	V	20.23		
					H	17.19		
				E2	V	20.84		
					H	17.11		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 12 (5MHz) 16 QAM	Lowest	25	0	H	V	19.15	34.77	Pass
					H	16.64		
				E1	V	19.19		
					H	16.21		
				E2	V	19.24		
					H	16.6		
	Middle	25	0	H	V	19.82	34.77	Pass
					H	16.43		
				E1	V	19.54		
					H	16.33		
				E2	V	19.54		
					H	16.7		
	Highest	25	0	H	V	20	34.77	Pass
					H	16.19		
				E1	V	19.72		
					H	16.63		
				E2	V	19.48		
					H	16.81		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 12 (10MHz) 16 QAM	Lowest	50	0	H	V	19.31	34.77	Pass
					H	15.88		
				E1	V	19.28		
					H	15.08		
				E2	V	19.39		
					H	15.27		
	Middle	50	0	H	V	18.97	34.77	Pass
					H	15.91		
				E1	V	19.52		
					H	15.79		
				E2	V	18.94		
					H	15.07		
	Highest	50	0	H	V	19.35	34.77	Pass
					H	15		
				E1	V	19.47		
					H	15.85		
				E2	V	19.43		
					H	15.77		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 13 (5MHz) QPSK	Lowest	25	0	H	V	21.10	34.77	Pass
					H	17.84		
				E1	V	21.33		
					H	17.06		
				E2	V	20.30		
					H	17.05		
	Middle	25	0	H	V	21.36	34.77	Pass
					H	17.37		
				E1	V	21.03		
					H	17.66		
				E2	V	20.94		
					H	16.20		
	Highest	25	0	H	V	20.22	34.77	Pass
					H	17.07		
				E1	V	20.87		
					H	17.56		
				E2	V	20.89		
					H	17.59		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 13 (10MHz) QPSK	Lowest	50	0	H	V	19.18	34.77	Pass
					H	16.51		
				E1	V	19.76		
					H	16.19		
				E2	V	19.71		
					H	16.03		
	Middle	50	0	H	V	19.66	34.77	Pass
					H	16.14		
				E1	V	19.92		
					H	16.69		
				E2	V	19.21		
					H	15.75		
	Highest	50	0	H	V	19.04	34.77	Pass
					H	15.36		
				E1	V	19.86		
					H	15.95		
				E2	V	19.31		
					H	15.25		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 13 (5MHz) 16 QAM	Lowest	25	0	H	V	21.05	34.77	Pass
					H	17.79		
				E1	V	21.28		
					H	17.01		
				E2	V	20.25		
					H	17		
	Middle	25	0	H	V	21.31	34.77	Pass
					H	17.32		
				E1	V	20.98		
					H	17.61		
				E2	V	20.89		
					H	16.15		
	Highest	25	0	H	V	20.17	34.77	Pass
					H	17.02		
				E1	V	20.82		
					H	17.51		
				E2	V	20.84		
					H	17.54		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 13 (10MHz) 16 QAM	Lowest	50	0	H	V	19.13	34.77	Pass
					H	16.46		
				E1	V	19.71		
					H	16.14		
				E2	V	19.66		
					H	15.98		
	Middle	50	0	H	V	19.61	34.77	Pass
					H	16.09		
				E1	V	19.87		
					H	16.64		
				E2	V	19.16		
					H	15.7		
	Highest	50	0	H	V	18.99	34.77	Pass
					H	15.31		
				E1	V	19.81		
					H	15.9		
				E2	V	19.26		
					H	15.20		

EUT mode	RB Size	RB Offset	Channel	EUT Pol.	Antenna Pol.	EIRP (dBm)	Limit (dBm)	Result
LTE Band 25 (1.4MHz) QPSK	6	0	Lowest	H	V	21.11	33.00	Pass
					H	17.77		
				E1	V	21.11		
					H	18.13		
				E2	V	21.01		
					H	17.39		
	6	0	Middle	H	V	21.06	33.00	Pass
					H	17.65		
				E1	V	20.91		
					H	17.95		
				E2	V	21.19		
					H	17.96		
	6	0	Highest	H	V	20.70	33.00	Pass
					H	16.94		
				E1	V	20.62		
					H	17.05		
				E2	V	20.06		
					H	16.98		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 25 (3MHz) QPSK	Lowest	15	0	H	V	20.43	33.00	Pass
					H	16.87		
				E1	V	20.07		
					H	16.34		
				E2	V	20.15		
					H	16.27		
	Middle	15	0	H	V	20.57	33.00	Pass
					H	16.40		
				E1	V	20.91		
					H	16.53		
				E2	V	20.81		
					H	16.23		
	Highest	15	0	H	V	20.37	33.00	Pass
					H	16.08		
				E1	V	20.70		
					H	16.79		
				E2	V	20.54		
					H	16.43		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 25 (5MHz) QPSK	Lowest	25	0	H	V	19.44	33.00	Pass
					H	16.01		
				E1	V	20.03		
					H	16.59		
				E2	V	19.76		
					H	16.20		
	Middle	25	0	H	V	19.62	33.00	Pass
					H	16.00		
				E1	V	19.24		
					H	16.42		
				E2	V	19.64		
					H	15.88		
	Highest	25	0	H	V	19.21	33.00	Pass
					H	15.58		
				E1	V	19.37		
					H	15.68		
				E2	V	19.15		
					H	15.36		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 25 (10MHz) QPSK	Lowest	50	0	H	V	19.89	33.00	Pass
					H	15.37		
				E1	V	19.29		
					H	15.67		
				E2	V	19.56		
					H	15.35		
	Middle	50	0	H	V	19.97	33.00	Pass
					H	14.95		
				E1	V	19.13		
					H	14.93		
				E2	V	19.47		
					H	15.64		
	Highest	50	0	H	V	19.15	33.00	Pass
					H	14.35		
				E1	V	19.36		
					H	14.94		
				E2	V	19.22		
					H	14.52		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 25 (15MHz) QPSK	Lowest	75	0	H	V	18.47	33.00	Pass
					H	14.78		
				E1	V	18.69		
					H	14.54		
				E2	V	18.33		
					H	14.26		
	Middle	75	0	H	V	18.93	33.00	Pass
					H	14.01		
				E1	V	18.85		
					H	14.70		
				E2	V	18.83		
					H	14.33		
	Highest	75	0	H	V	18.86	33.00	Pass
					H	14.12		
				E1	V	18.78		
					H	14.43		
				E2	V	19.15		
					H	15.36		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 25 (20MHz) QPSK	Lowest	100	0	H	V	18.25	33.00	Pass
					H	13.33		
				E1	V	18.34		
					H	14.27		
				E2	V	18.48		
					H	13.42		
	Middle	100	0	H	V	18.04	33.00	Pass
					H	13.84		
				E1	V	18.63		
					H	14.84		
				E2	V	18.29		
					H	13.94		
	Highest	100	0	H	V	18.46	33.00	Pass
					H	14.33		
				E1	V	18.05		
					H	14.25		
				E2	V	18.23		
					H	13.66		

EUT mode	RB Size	RB Offset	Channel	EUT Pol.	Antenna Pol.	EIRP (dBm)	Limit (dBm)	Result
LTE Band 25 (1.4MHz) 16 QAM	6	0	Lowest	H	V	21.06	33.00	Pass
					H	17.72		
				E1	V	21.06		
					H	18.08		
				E2	V	20.96		
					H	17.34		
	6	0	Middle	H	V	21.01	33.00	Pass
					H	17.6		
				E1	V	20.86		
					H	17.9		
				E2	V	21.14		
					H	17.91		
	6	0	Highest	H	V	20.65	33.00	Pass
					H	16.89		
				E1	V	20.57		
					H	17		
				E2	V	20.01		
					H	16.93		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 25 (3MHz) 16 QAM	Lowest	15	0	H	V	20.38	33.00	Pass
					H	16.82		
				E1	V	20.02		
					H	16.29		
				E2	V	20.1		
					H	16.22		
	Middle	15	0	H	V	20.52	33.00	Pass
					H	16.35		
				E1	V	20.86		
					H	16.48		
				E2	V	20.76		
					H	16.18		
	Highest	15	0	H	V	20.32	33.00	Pass
					H	16.03		
				E1	V	20.65		
					H	16.74		
				E2	V	20.49		
					H	16.38		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 25 (5MHz) 16 QAM	Lowest	25	0	H	V	19.39	33.00	Pass
					H	15.96		
				E1	V	19.98		
					H	16.54		
				E2	V	19.71		
					H	16.15		
	Middle	25	0	H	V	19.57	33.00	Pass
					H	15.95		
				E1	V	19.19		
					H	16.37		
				E2	V	19.59		
					H	15.83		
	Highest	25	0	H	V	19.16	33.00	Pass
					H	15.53		
				E1	V	19.32		
					H	15.63		
				E2	V	19.1		
					H	15.31		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 25 (10MHz) 16 QAM	Lowest	50	0	H	V	19.84	33.00	Pass
					H	15.32		
				E1	V	19.24		
					H	15.62		
				E2	V	19.51		
					H	15.3		
	Middle	50	0	H	V	19.92	33.00	Pass
					H	14.9		
				E1	V	19.08		
					H	14.88		
				E2	V	19.42		
					H	15.59		
	Highest	50	0	H	V	19.1	33.00	Pass
					H	14.3		
				E1	V	19.31		
					H	14.89		
				E2	V	19.17		
					H	14.47		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 25 (15MHz) 16 QAM	Lowest	75	0	H	V	18.42	33.00	Pass
					H	14.73		
				E1	V	18.64		
					H	14.49		
				E2	V	18.28		
					H	14.21		
	Middle	75	0	H	V	18.88	33.00	Pass
					H	13.96		
				E1	V	18.8		
					H	14.65		
				E2	V	18.78		
					H	14.28		
	Highest	75	0	H	V	18.81	33.00	Pass
					H	14.07		
				E1	V	18.73		
					H	14.38		
				E2	V	19.1		
					H	15.31		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 25 (20MHz) 16 QAM	Lowest	100	0	H	V	18.2	33.00	Pass
					H	13.28		
				E1	V	18.29		
					H	14.22		
				E2	V	18.43		
					H	13.37		
	Middle	100	0	H	V	17.99	33.00	Pass
					H	13.79		
				E1	V	18.58		
					H	14.79		
				E2	V	18.24		
					H	13.89		
	Highest	100	0	H	V	18.41	33.00	Pass
					H	14.28		
				E1	V	18		
					H	14.2		
				E2	V	18.18		
					H	13.61		

EUT mode	RB Size	RB Offset	Channel	EUT Pol.	Antenna Pol.	ERP (dBm)	Limit (dBm)	Result
LTE Band 26(Lower Band) (1.4MHz) QPSK	6	0	Lowest	H	V	20.89	50	Pass
					H	17.53		
				E1	V	21.38		
					H	17.66		
				E2	V	20.50		
					H	17.84		
	6	0	Middle	H	V	21.50	50	Pass
					H	17.87		
				E1	V	20.32		
					H	17.11		
				E2	V	21.43		
					H	18.33		
	6	0	Highest	H	V	20.81	50	Pass
					H	17.56		
				E1	V	21.32		
					H	18.00		
				E2	V	20.06		
					H	17.37		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 26(Lower Band) (3MHz) QPSK	Lowest	15	0	H	V	20.49	50	Pass
					H	16.80		
				E1	V	20.61		
					H	16.87		
				E2	V	20.66		
					H	16.59		
	Middle	15	0	H	V	20.50	50	Pass
					H	16.49		
				E1	V	20.57		
					H	16.80		
				E2	V	20.21		
					H	16.01		
	Highest	15	0	H	V	20.04	50	Pass
					H	16.29		
				E1	V	20.52		
					H	16.48		
				E2	V	20.53		
					H	16.58		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 26(Lower Band) (5MHz) QPSK	Lowest	25	0	H	V	19.73	50	Pass
					H	16.35		
				E1	V	19.54		
					H	16.05		
				E2	V	19.01		
					H	16.17		
	Middle	25	0	H	V	19.87	50	Pass
					H	16.48		
				E1	V	19.35		
					H	16.60		
				E2	V	19.30		
					H	16.57		
	Highest	25	0	H	V	19.53	50	Pass
					H	16.16		
				E1	V	19.08		
					H	16.86		
				E2	V	19.06		
					H	16.95		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 26(Lower Band) (10MHz) QPSK	Lowest	50	0	H	V	18.95	50	Pass
					H	15.85		
				E1	V	18.24		
					H	15.31		
				E2	V	18.42		
					H	14.91		
	Middle	50	0	H	V	18.87	50	Pass
					H	14.90		
				E1	V	18.93		
					H	14.79		
				E2	V	18.03		
					H	14.38		
	Highest	50	0	H	V	18.31	50	Pass
					H	14.93		
				E1	V	18.11		
					H	14.85		
				E2	V	18.34		
					H	15.06		

EUT mode	RB Size	RB Offset	Channel	EUT Pol.	Antenna Pol.	ERP (dBm)	Limit (dBm)	Result
LTE Band 26(Upper Band) (1.4MHz) QPSK	6	0	Lowest	H	V	20.18	38.5	Pass
					H	17.21		
				E1	V	20.77		
					H	17.48		
				E2	V	20.46		
					H	17.53		
	6	0	Middle	H	V	20.62	38.5	Pass
					H	17.29		
				E1	V	19.36		
					H	16.52		
				E2	V	20.70		
					H	17.38		
	6	0	Highest	H	V	20.10	38.5	Pass
					H	17.33		
				E1	V	21.14		
					H	17.47		
				E2	V	19.38		
					H	16.46		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 26(Upper Band) (3MHz) QPSK	Lowest	15	0	H	V	20.00	38.5	Pass
					H	15.92		
				E1	V	20.40		
					H	16.23		
				E2	V	20.63		
					H	15.88		
	Middle	15	0	H	V	19.56	38.5	Pass
					H	16.34		
				E1	V	20.15		
					H	15.84		
				E2	V	20.16		
					H	15.11		
	Highest	15	0	H	V	19.67	38.5	Pass
					H	15.75		
				E1	V	19.57		
					H	15.50		
				E2	V	19.54		
					H	15.71		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 26(Upper Band) (5MHz) QPSK	Lowest	25	0	H	V	18.95	38.5	Pass
					H	15.99		
				E1	V	19.41		
					H	15.74		
				E2	V	18.45		
					H	15.21		
	Middle	25	0	H	V	19.02	38.5	Pass
					H	15.54		
				E1	V	18.35		
					H	16.56		
				E2	V	18.52		
					H	15.90		
	Highest	25	0	H	V	19.42	38.5	Pass
					H	15.36		
				E1	V	18.29		
					H	16.72		
				E2	V	18.40		
					H	16.09		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 26(Upper Band) (10MHz) QPSK	Lowest	50	0	H	V	18.65	38.5	Pass
					H	15.55		
				E1	V	17.47		
					H	15.09		
				E2	V	18.07		
					H	14.14		
	Middle	50	0	H	V	18.11	38.5	Pass
					H	14.29		
				E1	V	18.09		
					H	14.47		
				E2	V	17.79		
					H	14.17		
	Highest	50	0	H	V	18.05	38.5	Pass
					H	14.83		
				E1	V	17.33		
					H	14.18		
				E2	V	17.57		
					H	14.50		

EUT mode	RB Size	RB Offset	Channel	EUT Pol.	Antenna Pol.	ERP (dBm)	Limit (dBm)	Result
LTE Band 26(Lower Band) (1.4MHz) 16 QAM	6	0	Lowest	H	V	20.84	50	Pass
					H	17.48		
				E1	V	21.33		
					H	17.61		
				E2	V	20.45		
					H	17.79		
	6	0	Middle	H	V	21.45	50	Pass
					H	17.82		
				E1	V	20.27		
					H	17.06		
				E2	V	21.38		
					H	18.28		
	6	0	Highest	H	V	20.76	50	Pass
					H	17.51		
				E1	V	21.27		
					H	17.95		
				E2	V	20.01		
					H	17.32		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 26(Lower Band) (3MHz) 16 QAM	Lowest	15	0	H	V	20.44	50	Pass
					H	16.75		
				E1	V	20.56		
					H	16.82		
				E2	V	20.61		
					H	16.54		
	Middle	15	0	H	V	20.45	50	Pass
					H	16.44		
				E1	V	20.52		
					H	16.75		
				E2	V	20.16		
					H	15.96		
	Highest	15	0	H	V	19.99	50	Pass
					H	16.24		
				E1	V	20.47		
					H	16.43		
				E2	V	20.48		
					H	16.53		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 26(Lower Band) (5MHz) 16 QAM	Lowest	25	0	H	V	19.68	50	Pass
					H	16.32		
				E1	V	19.49		
					H	16.01		
				E2	V	18.96		
					H	16.12		
	Middle	25	0	H	V	19.82	50	Pass
					H	16.43		
				E1	V	19.31		
					H	16.55		
				E2	V	19.25		
					H	16.52		
	Highest	25	0	H	V	19.48	50	Pass
					H	16.11		
				E1	V	19.03		
					H	16.81		
				E2	V	19.01		
					H	16.90		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 26(Lower Band) (10MHz) 16 QAM	Lowest	50	0	H	V	18.91	50	Pass
					H	15.82		
				E1	V	18.19		
					H	15.26		
				E2	V	18.37		
					H	14.86		
	Middle	50	0	H	V	18.82	50	Pass
					H	14.85		
				E1	V	18.88		
					H	14.74		
				E2	V	17.98		
					H	14.33		
	Highest	50	0	H	V	18.26	50	Pass
					H	14.88		
				E1	V	18.06		
					H	14.81		
				E2	V	18.29		
					H	15.01		

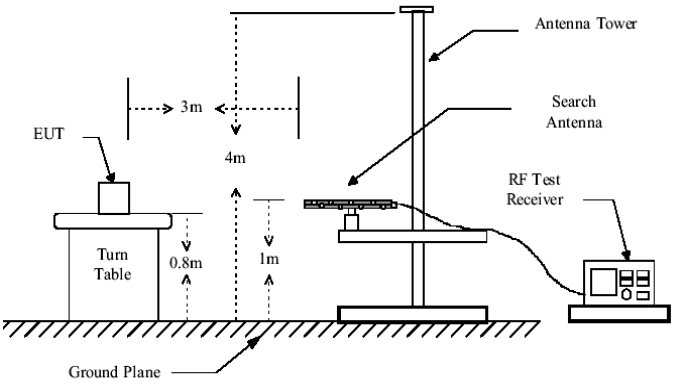
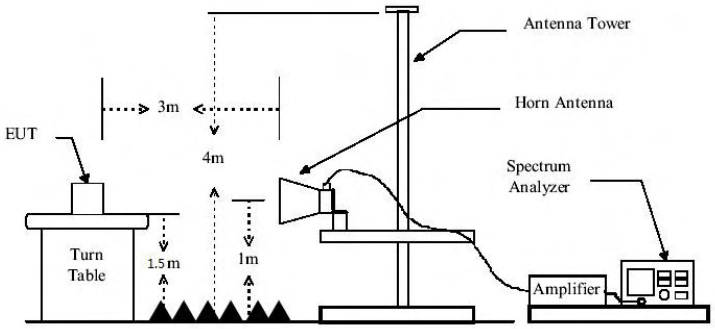
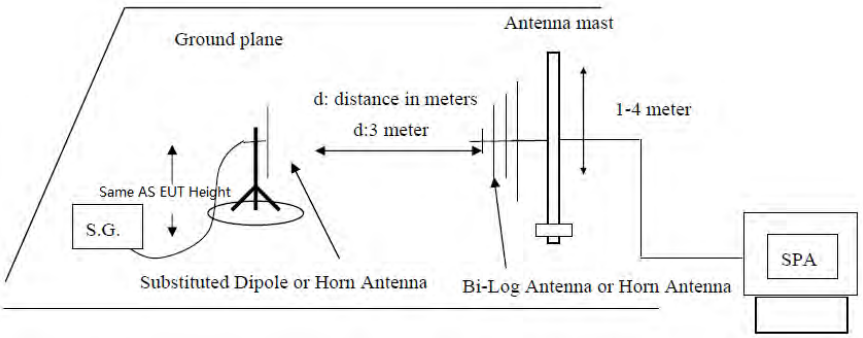
EUT mode	RB Size	RB Offset	Channel	EUT Pol.	Antenna Pol.	ERP (dBm)	Limit (dBm)	Result
LTE Band 26(Upper Band) (1.4MHz) 16-QAM	6	0	Lowest	H	V	20.83	38.5	Pass
					H	17.23		
				E1	V	21.02		
					H	16.89		
				E2	V	20.44		
					H	17.23		
	6	0	Middle	H	V	21.30	38.5	Pass
					H	17.67		
				E1	V	19.94		
					H	16.17		
				E2	V	20.52		
					H	18.06		
	6	0	Highest	H	V	19.93	38.5	Pass
					H	17.21		
				E1	V	20.71		
					H	17.34		
				E2	V	19.20		
					H	16.71		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 26(Upper Band) (3MHz) 16-QAM	Lowest	15	0	H	V	20.02	38.5	Pass
					H	16.00		
				E1	V	20.60		
					H	16.29		
				E2	V	20.54		
					H	16.45		
	Middle	15	0	H	V	20.20	38.5	Pass
					H	15.81		
				E1	V	20.16		
					H	16.06		
				E2	V	19.26		
					H	15.80		
	Highest	15	0	H	V	19.64	38.5	Pass
					H	15.81		
				E1	V	19.72		
					H	16.20		
				E2	V	19.84		
					H	15.74		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 26(Upper Band) (5MHz) 16-QAM	Lowest	25	0	H	V	19.51	38.5	Pass
					H	16.14		
				E1	V	19.52		
					H	15.75		
				E2	V	18.49		
					H	15.65		
	Middle	25	0	H	V	18.90	38.5	Pass
					H	15.85		
				E1	V	19.28		
					H	15.81		
				E2	V	18.34		
					H	16.13		
	Highest	25	0	H	V	19.08	38.5	Pass
					H	15.91		
				E1	V	18.96		
					H	16.72		
				E2	V	18.48		
					H	16.55		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 26(Upper Band) (10MHz) 16-QAM	Lowest	50	0	H	V	18.79	38.5	Pass
					H	15.59		
				E1	V	17.89		
					H	14.33		
				E2	V	18.31		
					H	14.43		
	Middle	50	0	H	V	18.83	38.5	Pass
					H	14.70		
				E1	V	18.05		
					H	14.49		
				E2	V	17.49		
					H	13.70		
	Highest	50	0	H	V	18.26	38.5	Pass
					H	14.90		
				E1	V	17.19		
					H	14.60		
				E2	V	18.26		
					H	14.44		

4.9 Field strength of spurious radiation measurement

Test Requirement:	FCC part22.913(a), FCC part24.238(a), FCC part27.53 and FCC part 90.691, RSS-130 (4.6), RSS-132 (5.5), RSS-133 (6.5.1), RSS-139(6.6) and RSS-199(4.5)
Test Method:	KDB 971168 D01 v03r1 clause 7, FCC part2.1051, ANSI/TIA-603-D, ANSI C63.26 clause 5.5
Limit:	Band 2/4/5/12/13/25:-13dBm Band 7:-25dBm Band 26:-13dBm(-20 dBm from the bandedge to 37.5 kHz removed from bandedge)
Test setup:	Below 1GHz  Above 1GHz  Substituted method: 

Test Procedure:	1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer. 2. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations. 3. The frequency range up to tenth harmonic was investigated for each of three fundamental frequency (low, middle and high channels). Once spurious emission was identified, the power of the emission was determined using the substitution method. 4. The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency. ERP / EIRP = S.G. output (dBm) + Antenna Gain(dB/dBi) – Cable Loss (dB)
Test Instruments:	Refer to section 3 for details
Test mode:	Refer to section 4.1 for details
Test results:	Pass

Measurement Data

QPSK Mode:

Test mode:	LTE Band 2(1.4MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3701.40	Vertical	-35.20	-13.00	Pass
5552.10	V	-38.37		
7402.80	V	-39.13		
9253.50	V	-42.54		
11104.20	V	---		
3701.40	Horizontal	-40.02	-13.00	Pass
5552.10	H	-43.99		
7402.80	H	-45.71		
9253.50	H	-47.79		
11104.20	H	---		
Test mode:	**LTE Band 2(1.4MHz)**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3760.00	Vertical	-35.34	-13.00	Pass
5640.00	V	-38.75		
7520.00	V	-39.89		
9400.00	V	-42.04		
11280.00	V	---		
3760.00	Horizontal	-40.05	-13.00	Pass
5640.00	H	-43.64		
7520.00	H	-44.65		
9400.00	H	-48.07		
11280.00	H	---		
Test mode:	**LTE Band 2(1.4MHz)**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3818.60	Vertical	-35.88	-13.00	Pass
5727.90	V	-37.75		
7637.20	V	-40.02		
9546.50	V	-41.64		
11455.80	V	---		
3818.60	Horizontal	-40.57	-13.00	Pass
5727.90	H	-42.38		
7637.20	H	-44.03		
9546.50	H	-46.26		
11455.80	H	---		

Remark：

1. The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
2. Remark”---“ means that the emission level is too low (20dB lower than the limit) to be measured
3. The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

Test mode:	LTE Band 4(1.4MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3421.40	Vertical	-33.43	-13.00	Pass
5132.10	V	-36.40		
6842.80	V	-38.26		
8553.50	V	-40.19		
10264.20	V	---		
3421.40	Horizontal	-38.64	-13.00	Pass
5132.10	H	-42.95		
6842.80	H	-43.14		
8553.50	H	-46.40		
10264.20	H	---		
Test mode:	**LTE Band 4(1.4MHz)**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-32.42	-13.00	Pass
5197.50	V	-34.74		
6930.00	V	-37.18		
8662.50	V	-38.50		
10395.00	V	---		
3465.00	Horizontal	-37.07	-13.00	Pass
5197.50	H	-40.97		
6930.00	H	-42.16		
8662.50	H	-44.27		
10395.00	H	---		
Test mode:	**LTE Band 4(1.4MHz)**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3508.60	Vertical	-31.96	-13.00	Pass
5262.90	V	-36.46		
7017.20	V	-37.87		
8771.50	V	-39.69		
10525.80	V	---		
3508.60	Horizontal	-37.47	-13.00	Pass
5262.90	H	-41.29		
7017.20	H	-42.02		
8771.50	H	-45.28		
10525.80	H	---		

Remark：

1. The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
2. Remark”---“ means that the emission level is too low (20dB lower than the limit) to be measured
3. The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

Test mode:	LTE Band 5(1.4MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1649.40	Vertical	-35.57	-13.00	Pass
2474.10	V	-37.95		
3298.80	V	-39.39		
4123.50	V	-41.44		
4948.20	V	---		
1649.40	Horizontal	-40.10	-13.00	Pass
2474.10	H	-43.92		
3298.80	H	-45.94		
4123.50	H	-49.27		
4948.20	H	---		
Test mode:	**LTE Band 5(1.4MHz)**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1673.00	Vertical	-34.79	-13.00	Pass
2509.50	V	-38.59		
3346.00	V	-39.97		
4182.50	V	-41.24		
5019.00	V	---		
1673.00	Horizontal	-40.15	-13.00	Pass
2509.50	H	-44.15		
3346.00	H	-45.23		
4182.50	H	-46.60		
5019.00	H	---		
Test mode:	**LTE Band 5(1.4MHz)**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1696.60	Vertical	-35.51	-13.00	Pass
2544.90	V	-38.34		
3393.20	V	-40.04		
4241.50	V	-40.95		
5089.80	V	---		
1696.60	Horizontal	-39.87	-13.00	Pass
2544.90	H	-42.00		
3393.20	H	-44.04		
4241.50	H	-46.85		
5089.80	H	---		

Remark：

4. The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
5. Remark”---“ means that the emission level is too low (20dB lower than the limit) to be measured
4. The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

Test mode:	LTE Band 7(5MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5005.00	Vertical	-33.57	-25.00	Pass
7507.50	V	-38.52		
10010.00	V	-40.60		
12512.50	V	-42.72		
15015.00	V	---		
5005.00	Horizontal	-40.89	-25.00	Pass
7507.50	H	-44.98		
10010.00	H	-47.72		
12512.50	H	-50.27		
15015.00	H	---		
Test mode:	**LTE Band 7(5MHz)**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-35.15	-25.00	Pass
7605.00	V	-38.45		
10140.00	V	-41.47		
12675.00	V	-43.59		
15210.00	V	---		
5070.00	Horizontal	-40.66	-25.00	Pass
7605.00	H	-45.49		
10140.00	H	-46.36		
12675.00	H	-50.98		
15210.00	H	---		
Test mode:	**LTE Band 7(5MHz)**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5135.00	Vertical	-34.18	-25.00	Pass
7702.50	V	-37.40		
10270.00	V	-39.19		
12837.50	V	-41.44		
15405.00	V	---		
5135.00	Horizontal	-39.44	-25.00	Pass
7702.50	H	-43.68		
10270.00	H	-46.62		
12837.50	H	-49.14		
15405.00	H	---		

Remark：

1. The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
2. Remark”---“ means that the emission level is too low (20dB lower than the limit) to be measured
3. The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

Test mode:	LTE Band 12(1.4MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3701.40	Vertical	-35.14	-13.00	Pass
5552.10	V	-37.92		
7402.80	V	-39.66		
9253.50	V	-42.63		
11104.20	V	---		
3701.40	Horizontal	-39.38	-13.00	Pass
5552.10	H	-44.18		
7402.80	H	-45.22		
9253.50	H	-47.79		
11104.20	H	---		
Test mode:	**LTE Band 12(1.4MHz)**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3760.00	Vertical	-35.85	-13.00	Pass
5640.00	V	-38.01		
7520.00	V	-39.68		
9400.00	V	-41.65		
11280.00	V	---		
3760.00	Horizontal	-39.98	-13.00	Pass
5640.00	H	-44.17		
7520.00	H	-45.22		
9400.00	H	-47.96		
11280.00	H	---		
Test mode:	**LTE Band 12(1.4MHz)**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3818.60	Vertical	-36.42	-13.00	Pass
5727.90	V	-37.80		
7637.20	V	-39.48		
9546.50	V	-41.49		
11455.80	V	---		
3818.60	Horizontal	-40.68	-13.00	Pass
5727.90	H	-42.50		
7637.20	H	-43.61		
9546.50	H	-46.86		
11455.80	H	---		

Remark：

1. The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
2. Remark”---“ means that the emission level is too low (20dB lower than the limit) to be measured
3. The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

Test mode:	LTE Band 13(5MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3701.40	Vertical	-35.04	-25.00	Pass
5552.10	V	-37.82		
7402.80	V	-39.71		
9253.50	V	-42.50		
11104.20	V	---		
3701.40	Horizontal	-39.39	-25.00	Pass
5552.10	H	-44.92		
7402.80	H	-45.40		
9253.50	H	-47.91		
11104.20	H	---		
Test mode:	**LTE Band 13(5MHz)**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3760.00	Vertical	-35.19	-25.00	Pass
5640.00	V	-37.80		
7520.00	V	-39.47		
9400.00	V	-41.80		
11280.00	V	---		
3760.00	Horizontal	-40.12	-25.00	Pass
5640.00	H	-44.21		
7520.00	H	-44.86		
9400.00	H	-47.34		
11280.00	H	---		
Test mode:	**LTE Band 13(5MHz)**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3818.60	Vertical	-36.33	-25.00	Pass
5727.90	V	-37.92		
7637.20	V	-39.58		
9546.50	V	-41.36		
11455.80	V	---		
3818.60	Horizontal	-40.28	-25.00	Pass
5727.90	H	-41.76		
7637.20	H	-44.29		
9546.50	H	-46.63		
11455.80	H	---		

Remark：

1. The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
2. Remark”---“ means that the emission level is too low (20dB lower than the limit) to be measured
3. The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

Test mode:	LTE Band 25(1.4MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3701.40	Vertical	-34.31	-13.00	Pass
5552.10	V	-37.61		
7402.80	V	-38.96		
9253.50	V	-42.88		
11104.20	V	---		
3701.40	Horizontal	-39.90	-13.00	Pass
5552.10	H	-44.90		
7402.80	H	-45.50		
9253.50	H	-48.22		
11104.20	H	---		
Test mode:	**LTE Band 25(1.4MHz)**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3760.00	Vertical	-35.31	-13.00	Pass
5640.00	V	-38.62		
7520.00	V	-39.45		
9400.00	V	-42.23		
11280.00	V	---		
3760.00	Horizontal	-40.62	-13.00	Pass
5640.00	H	-44.17		
7520.00	H	-44.67		
9400.00	H	-47.80		
11280.00	H	---		
Test mode:	**LTE Band 25(1.4MHz)**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3818.60	Vertical	-35.65	-13.00	Pass
5727.90	V	-37.20		
7637.20	V	-39.58		
9546.50	V	-41.36		
11455.80	V	---		
3818.60	Horizontal	-40.47	-13.00	Pass
5727.90	H	-41.78		
7637.20	H	-43.52		
9546.50	H	-47.01		
11455.80	H	---		

Remark：

1. The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
2. Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
3. The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

Test mode:	LTE Band 26(Lower Band) (1.4MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3701.40	Vertical	-34.75	-13.00	Pass
5552.10	V	-38.35		
7402.80	V	-38.86		
9253.50	V	-41.99		
11104.20	V	---		
3701.40	Horizontal	-39.19	-13.00	Pass
5552.10	H	-43.97		
7402.80	H	-44.94		
9253.50	H	-47.76		
11104.20	H	---		
Test mode:	**LTE Band 26(Lower Band) (1.4MHz)**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3760.00	Vertical	-35.22	-13.00	Pass
5640.00	V	-37.83		
7520.00	V	-40.07		
9400.00	V	-42.07		
11280.00	V	---		
3760.00	Horizontal	-40.00	-13.00	Pass
5640.00	H	-43.76		
7520.00	H	-44.64		
9400.00	H	-47.91		
11280.00	H	---		
Test mode:	**LTE Band 26(Lower Band) (1.4MHz)**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3818.60	Vertical	-35.69	-13.00	Pass
5727.90	V	-37.91		
7637.20	V	-40.05		
9546.50	V	-41.73		
11455.80	V	---		
3818.60	Horizontal	-40.24	-13.00	Pass
5727.90	H	-42.01		
7637.20	H	-43.99		
9546.50	H	-46.07		
11455.80	H	---		

Remark：

1. The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
2. Remark”---“ means that the emission level is too low (20dB lower than the limit) to be measured
3. The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

Test mode:	LTE Band 26(Upper Band)(1.4MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3701.40	Vertical	-34.91	-13.00	Pass
5552.10	V	-39.21		
7402.80	V	-38.93		
9253.50	V	-42.44		
11104.20	V	---		
3701.40	Horizontal	-39.47	-13.00	Pass
5552.10	H	-44.59		
7402.80	H	-45.12		
9253.50	H	-48.50		
11104.20	H	---		
Test mode:	**LTE Band 26(Upper Band) (1.4MHz)**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3760.00	Vertical	-36.03	-13.00	Pass
5640.00	V	-38.19		
7520.00	V	-40.16		
9400.00	V	-42.62		
11280.00	V	---		
3760.00	Horizontal	-40.50	-13.00	Pass
5640.00	H	-44.28		
7520.00	H	-44.81		
9400.00	H	-48.82		
11280.00	H	---		
Test mode:	**LTE Band 26(Upper Band) (1.4MHz)**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3818.60	Vertical	-36.05	-13.00	Pass
5727.90	V	-38.19		
7637.20	V	-40.78		
9546.50	V	-42.06		
11455.80	V	---		
3818.60	Horizontal	-40.48	-13.00	Pass
5727.90	H	-42.66		
7637.20	H	-44.17		
9546.50	H	-47.01		
11455.80	H	---		

Remark：

1. The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
2. Remark”---“ means that the emission level is too low (20dB lower than the limit) to be measured
3. The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

16 QAM Mode:

Test mode:	LTE Band 2 (1.4MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3701.40	Vertical	-35.11	-13.00	Pass
5552.10	V	-36.90		
7402.80	V	-39.83		
9253.50	V	-41.82		
11104.20	V	---		
3701.40	Horizontal	-39.90	-13.00	Pass
5552.10	H	-43.07		
7402.80	H	-44.55		
9253.50	H	-47.10		
11104.20	H	---		
Test mode:	**LTE Band 2 (1.4MHz)**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3760.00	Vertical	-34.44	-13.00	Pass
5640.00	V	-36.97		
7520.00	V	-39.92		
9400.00	V	-41.28		
11280.00	V	---		
3760.00	Horizontal	-39.40	-13.00	Pass
5640.00	H	-43.56		
7520.00	H	-43.83		
9400.00	H	-47.17		
11280.00	H	---		
Test mode:	**LTE Band 2 (1.4MHz)**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3818.60	Vertical	-34.67	-13.00	Pass
5727.90	V	-37.41		
7637.20	V	-39.72		
9546.50	V	-41.96		
11455.80	V	---		
3818.60	Horizontal	-39.88	-13.00	Pass
5727.90	H	-43.56		
7637.20	H	-43.71		
9546.50	H	-47.53		
11455.80	H	---		

Remark：

1 The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
2 Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
3 The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

Test mode:	LTE Band 4(1.4MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3421.40	Vertical	-35.08	-13.00	Pass
5132.10	V	-37.36		
6842.80	V	-40.06		
8553.50	V	-41.19		
10264.20	V	---		
3421.40	Horizontal	-39.99	-13.00	Pass
5132.10	H	-43.53		
6842.80	H	-44.15		
8553.50	H	-47.72		
10264.20	H	---		
Test mode:	**LTE Band 4(1.4MHz)**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.00	Vertical	-34.27	-13.00	Pass
5197.50	V	-36.85		
6930.00	V	-39.33		
8662.50	V	-41.33		
10395.00	V	---		
3465.00	Horizontal	-39.64	-13.00	Pass
5197.50	H	-43.33		
6930.00	H	-43.97		
8662.50	H	-47.26		
10395.00	H	---		
Test mode:	**LTE Band 4(1.4MHz)**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3508.60	Vertical	-34.27	-13.00	Pass
5262.90	V	-37.54		
7017.20	V	-39.98		
8771.50	V	-41.39		
10525.80	V	---		
3508.60	Horizontal	-39.11	-13.00	Pass
5262.90	H	-43.19		
7017.20	H	-44.29		
8771.50	H	-47.51		
10525.80	H	---		

Remark：

1 The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.

2 Remark”---“ means that the emission level is too low (20dB lower than the limit) to be measured

3 The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

Test mode:	LTE Band 5(1.4MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1649.40	Vertical	-34.74	-13.00	Pass
2474.10	V	-37.22		
3298.80	V	-39.25		
4123.50	V	-41.58		
4948.20	V	---		
1649.40	Horizontal	-39.47	-13.00	Pass
2474.10	H	-43.66		
3298.80	H	-43.97		
4123.50	H	-47.83		
4948.20	H	---		
Test mode:	**LTE Band 5(1.4MHz)**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1673.00	Vertical	-34.83	-13.00	Pass
2509.50	V	-37.14		
3346.00	V	-39.86		
4182.50	V	-41.85		
5019.00	V	---		
1673.00	Horizontal	-39.18	-13.00	Pass
2509.50	H	-43.76		
3346.00	H	-43.81		
4182.50	H	-47.13		
5019.00	H	---		
Test mode:	**LTE Band 5(1.4MHz)**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1696.60	Vertical	-34.72	-13.00	Pass
2544.90	V	-37.65		
3393.20	V	-39.27		
4241.50	V	-41.23		
5089.80	V	---		
1696.60	Horizontal	-39.76	-13.00	Pass
2544.90	H	-43.58		
3393.20	H	-43.79		
4241.50	H	-46.96		
5089.80	H	---		

Remark :

1 The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
2 Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
3 The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

Test mode:	LTE Band 7(5MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5005.00	Vertical	-34.60	-25.00	Pass
7507.50	V	-37.35		
10010.00	V	-39.90		
12512.50	V	-42.03		
15015.00	V	---		
5005.00	Horizontal	-39.81	-25.00	Pass
7507.50	H	-43.74		
10010.00	H	-43.93		
12512.50	H	-47.91		
15015.00	H	---		
Test mode:	**LTE Band 7(5MHz)**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.00	Vertical	-34.42	-25.00	Pass
7605.00	V	-37.81		
10140.00	V	-39.96		
12675.00	V	-41.15		
15210.00	V	---		
5070.00	Horizontal	-39.46	-25.00	Pass
7605.00	H	-43.69		
10140.00	H	-44.39		
12675.00	H	-47.83		
15210.00	H	---		
Test mode:	**LTE Band 7(5MHz)**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5135.00	Vertical	-34.66	-25.00	Pass
7702.50	V	-37.36		
10270.00	V	-39.95		
12837.50	V	-41.37		
15405.00	V	---		
5135.00	Horizontal	-39.26	-25.00	Pass
7702.50	H	-43.27		
10270.00	H	-44.18		
12837.50	H	-47.61		
15405.00	H	---		

Remark：

1 The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
2 Remark”---“ means that the emission level is too low (20dB lower than the limit) to be measured
3 The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

Test mode:	LTE Band 12(1.4MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3701.40	Vertical	-35.13	-13.00	Pass
5552.10	V	-37.22		
7402.80	V	-39.72		
9253.50	V	-41.24		
11104.20	V	---		
3701.40	Horizontal	-39.08	-13.00	Pass
5552.10	H	-43.33		
7402.80	H	-43.69		
9253.50	H	-47.43		
11104.20	H	---		
Test mode:	**LTE Band 12(1.4MHz)**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3760.00	Vertical	-34.29	-13.00	Pass
5640.00	V	-37.65		
7520.00	V	-39.96		
9400.00	V	-41.82		
11280.00	V	---		
3760.00	Horizontal	-39.05	-13.00	Pass
5640.00	H	-43.63		
7520.00	H	-44.34		
9400.00	H	-47.68		
11280.00	H	---		
Test mode:	**LTE Band 12(1.4MHz)**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3818.60	Vertical	-34.41	-13.00	Pass
5727.90	V	-37.14		
7637.20	V	-39.53		
9546.50	V	-41.22		
11455.80	V	---		
3818.60	Horizontal	-39.75	-13.00	Pass
5727.90	H	-43.59		
7637.20	H	-44.24		
9546.50	H	-47.31		
11455.80	H	---		

Remark：

1 The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
2 Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
3 The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

Test mode:	LTE Band 13(5MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3701.40	Vertical	-34.70	-25.00	Pass
5552.10	V	-37.40		
7402.80	V	-40.01		
9253.50	V	-41.39		
11104.20	V	---		
3701.40	Horizontal	-39.94	-25.00	Pass
5552.10	H	-42.80		
7402.80	H	-43.81		
9253.50	H	-47.64		
11104.20	H	---		
Test mode:	**LTE Band 13(5MHz)**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3760.00	Vertical	-34.31	-25.00	Pass
5640.00	V	-37.23		
7520.00	V	-39.58		
9400.00	V	-41.21		
11280.00	V	---		
3760.00	Horizontal	-39.60	-25.00	Pass
5640.00	H	-43.73		
7520.00	H	-44.56		
9400.00	H	-47.47		
11280.00	H	---		
Test mode:	**LTE Band 13(5MHz)**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3818.60	Vertical	-34.54	-25.00	Pass
5727.90	V	-37.34		
7637.20	V	-39.70		
9546.50	V	-41.72		
11455.80	V	---		
3818.60	Horizontal	-39.84	-25.00	Pass
5727.90	H	-43.37		
7637.20	H	-44.19		
9546.50	H	-47.66		
11455.80	H	---		

Remark：

1 The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
2 Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
3 The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

Test mode:	LTE Band 25(1.4MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3701.40	Vertical	-34.90	-13.00	Pass
5552.10	V	-36.92		
7402.80	V	-39.37		
9253.50	V	-41.12		
11104.20	V	---		
3701.40	Horizontal	-39.58	-13.00	Pass
5552.10	H	-42.92		
7402.80	H	-44.50		
9253.50	H	-47.85		
11104.20	H	---		
Test mode:	**LTE Band 25(1.4MHz)**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3760.00	Vertical	-35.00	-13.00	Pass
5640.00	V	-37.57		
7520.00	V	-39.49		
9400.00	V	-41.78		
11280.00	V	---		
3760.00	Horizontal	-39.67	-13.00	Pass
5640.00	H	-43.06		
7520.00	H	-44.64		
9400.00	H	-46.99		
11280.00	H	---		
Test mode:	**LTE Band 25(1.4MHz)**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3818.60	Vertical	-34.25	-13.00	Pass
5727.90	V	-37.30		
7637.20	V	-39.40		
9546.50	V	-41.51		
11455.80	V	---		
3818.60	Horizontal	-39.79	-13.00	Pass
5727.90	H	-42.83		
7637.20	H	-43.99		
9546.50	H	-47.79		
11455.80	H	---		

Remark：

1 The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
2 Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
3 The emission levels of below 1 GHz are very lower(20dB lower than the limit) than the limit and not show in test report.

Test mode:	LTE Band 26(Lower Band) (1.4MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3701.40	Vertical	-35.11	-13.00	Pass
5552.10	V	-37.21		
7402.80	V	-39.55		
9253.50	V	-41.69		
11104.20	V	---		
3701.40	Horizontal	-39.06	-13.00	Pass
5552.10	H	-43.62		
7402.80	H	-43.81		
9253.50	H	-47.68		
11104.20	H	---		
Test mode:	**LTE Band 26(Lower Band) (1.4MHz)**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3760.00	Vertical	-34.26	-13.00	Pass
5640.00	V	-36.99		
7520.00	V	-39.25		
9400.00	V	-41.83		
11280.00	V	---		
3760.00	Horizontal	-39.13	-13.00	Pass
5640.00	H	-43.07		
7520.00	H	-43.93		
9400.00	H	-47.33		
11280.00	H	---		
Test mode:	**LTE Band 26(Lower Band) (1.4MHz)**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3818.60	Vertical	-35.15	-13.00	Pass
5727.90	V	-37.29		
7637.20	V	-39.71		
9546.50	V	-41.64		
11455.80	V	---		
3818.60	Horizontal	-39.53	-13.00	Pass
5727.90	H	-41.08		
7637.20	H	-43.00		
9546.50	H	-45.35		
11455.80	H	---		

Remark：

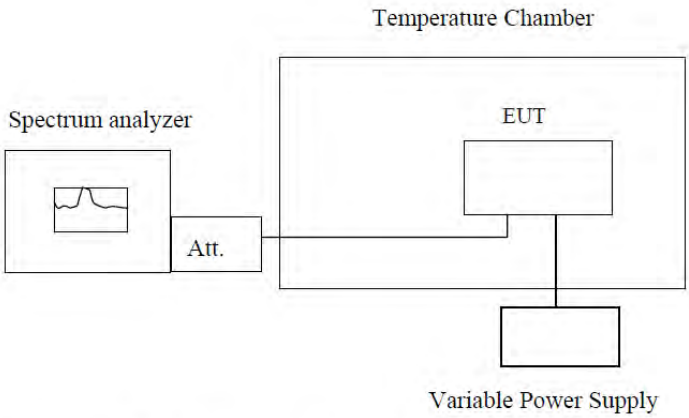
1 The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
2 Remark"---" means that the emission level is too low (20dB lower than the limit) to be measured
3 The emission levels of below 1 GHz are very lower (20dB lower than the limit) than the limit and not show in test report.

Test mode:	LTE Band 26(Upper Band)(1.4MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3701.40	Vertical	-34.96	-13.00	Pass
5552.10	V	-39.26		
7402.80	V	-38.98		
9253.50	V	-42.49		
11104.20	V	---		
3701.40	Horizontal	-39.52	-13.00	Pass
5552.10	H	-44.64		
7402.80	H	-45.17		
9253.50	H	-48.55		
11104.20	H	---		
Test mode:	**LTE Band 26(Upper Band) (1.4MHz)**		**Test channel:**	**Middle**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3760.00	Vertical	-36.08	-13.00	Pass
5640.00	V	-38.24		
7520.00	V	-40.21		
9400.00	V	-42.67		
11280.00	V	---		
3760.00	Horizontal	-40.55	-13.00	Pass
5640.00	H	-44.33		
7520.00	H	-44.86		
9400.00	H	-48.87		
11280.00	H	---		
Test mode:	**LTE Band 26(Upper Band) (1.4MHz)**		**Test channel:**	**Highest**
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3818.60	Vertical	-36.1	-13.00	Pass
5727.90	V	-38.24		
7637.20	V	-40.83		
9546.50	V	-42.11		
11455.80	V	---		
3818.60	Horizontal	-40.53	-13.00	Pass
5727.90	H	-42.71		
7637.20	H	-44.22		
9546.50	H	-47.06		
11455.80	H	---		

Remark：

1. The emission behaviour belongs to narrowband spurious emission, all modes investigated and only worst case is reported.
2. Remark”---“ means that the emission level is too low (20dB lower than the limit) to be measured
3. The emission levels of below 1 GHz are very lower(20dB lower than the limit) than the limit and not show in test report.

4.10 Frequency stability V.S. Temperature measurement

Test Requirement:	FCC Part2.1055(a)(1)(b), Part 22.355, Part 24.235, Part 27.54, RSS-130 (4.3), RSS-132 (5.3), RSS-133 (6.3), RSS-139(6.4) and RSS-199(4.3)
Test Method:	FCC Part2.1055(a)(1)(b), ANSI/TIA-603-D FCC KDB971168 D01 v03r01 Section 8, ANSI C63.26 clause 5.6.
Limit:	2.5ppm(Part 22) Within the authorized bands of operation(Part 24, Part 27)
Test setup:	 **Note :** Measurement setup for testing on Antenna connector
Test procedure:	1. The equipment under test was connected to an external DC power supply and input rated voltage. 2. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. 3. The EUT was placed inside the temperature chamber. 4. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency. 5. Turn EUT off and set the chamber temperature to –20°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. 6. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached.
Test Instruments:	Refer to section 3 for details
Test mode:	Refer to section 4.1 for details
Test results:	Pass
Remark:	If all frequencies stability are comply with the lower limit, then all results can be considered qualified

Measurement Data

Reference Frequency: LTE Band 2 Middle channel=18900 channel=1880MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
7.2	-30	18	0.0096	2.5	Pass
	-20	-22	-0.0118		
	-10	22	0.0119		
	0	-27	-0.0144		
	10	19	0.0102		
	20	14	0.0075		
	30	-4	-0.0023		
	40	8	0.0043		
	50	12	0.0062		
Reference Frequency: LTE Band 4 Middle channel=20175 channel=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
7.2	-30	18	0.0104	2.5	Pass
	-20	-23	-0.0133		
	-10	24	0.0138		
	0	-25	-0.0145		
	10	15	0.0087		
	20	16	0.0090		
	30	-8	-0.0048		
	40	11	0.0066		
	50	8	0.0045		
Reference Frequency: LTE Band 5 Middle channel=20175 channel=836.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
7.2	-30	27	0.0317	2.5	Pass
	-20	-18	-0.0218		
	-10	10	0.0122		
	0	-28	-0.0336		
	10	17	0.0202		
	20	16	0.0187		
	30	16	0.0188		
	40	-23	-0.0272		
	50	16	0.0193		

Reference Frequency: LTE Band 7 Middle channel=21100 channel=2535MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
7.2	-30	16	0.0063	2.5	Pass
	-20	-23	-0.0092		
	-10	25	0.0098		
	0	-25	-0.0098		
	10	17	0.0066		
	20	15	0.0061		
	30	-4	-0.0016		
	40	11	0.0042		
	50	8	0.0032		
Reference Frequency: LTE Band 12 Middle channel=23095 channel=707.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
7.2	-30	26	0.0370	2.5	Pass
	-20	-20	-0.0284		
	-10	10	0.0138		
	0	-28	-0.0400		
	10	16	0.0232		
	20	16	0.0220		
	30	17	0.0238		
	40	-22	-0.0310		
	50	19	0.0270		
Reference Frequency: LTE Band 13 Middle channel=23230 channel=782MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
7.2	-30	24	0.0313	2.5	Pass
	-20	-21	-0.0266		
	-10	9	0.0118		
	0	-27	-0.0344		
	10	20	0.0251		
	20	17	0.0216		
	30	13	0.0171		
	40	-22	-0.0278		
	50	20	0.0260		

Reference Frequency: LTE Band 25 Middle channel=26365 channel=1882.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
7.2	-30	15	0.0081	2.5	Pass
	-20	-23	-0.0125		
	-10	23	0.0122		
	0	-28	-0.0149		
	10	17	0.0090		
	20	12	0.0066		
	30	-8	-0.0041		
	40	11	0.0056		
	50	12	0.0063		
Reference Frequency: LTE Band 26 Middle channel=26865 channel=831.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
7.2	-30	24	0.0293	2.5	Pass
	-20	-21	-0.0247		
	-10	7	0.0083		
	0	-28	-0.0337		
	10	20	0.0240		
	20	14	0.0174		
	30	14	0.0167		
	40	-20	-0.0237		
	50	19	0.0233		

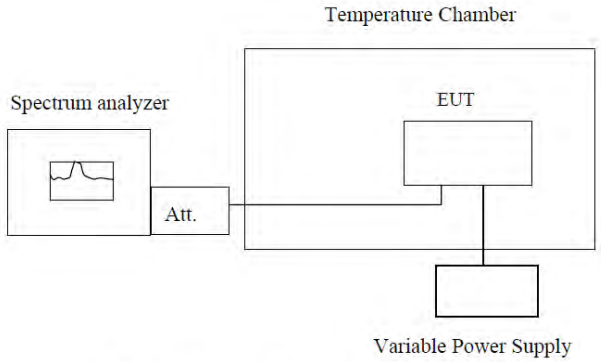
Additional requirement for RSS-130, RSS-199 Results:

Reference Frequency: LTE Band 7						
F_L (MHz)	**F_H (MHz)**	**Max. Frequency Error (Hz)**	**F_L - Max. Frequency Error (MHz)**	**Limit (MHz)**	**F_H + Max. Frequency Error (MHz)**	**Limit (MHz)**
2500.2447	2569.7553	-25	2500.244725	＞2500	2569.755275	＜2570
Result: PASS						

Reference Frequency: LTE Band 12						
F_L (MHz)	**F_H (MHz)**	**Max. Frequency Error (Hz)**	**F_L - Max. Frequency Error (MHz)**	**Limit (MHz)**	**F_H + Max. Frequency Error (MHz)**	**Limit (MHz)**
699.1604	715.8396	-28	699.160428	＞699	715.8395072	＜716
Result: PASS						

Reference Frequency: LTE Band 13						
F_L (MHz)	**F_H (MHz)**	**Max. Frequency Error (Hz)**	**F_L - Max. Frequency Error (MHz)**	**Limit (MHz)**	**F_H + Max. Frequency Error (MHz)**	**Limit (MHz)**
777.2659	786.7341	-27	777.265927	＞777	786.734073	＜787
Result: PASS						

4.11 Frequency stability V.S. Voltage measurement

Test Requirement:	FCC Part2.1055(d)(1)(2), Part 22.355, Part 24.235, Part 27.54, RSS-130 (4.3), RSS-132 (5.3), RSS-133 (6.3), RSS-139(6.4) and RSS-199(4.3)
Test Method:	FCC Part2.1055(d)(1)(2), ANSI/TIA-603-D FCC KDB971168 D01 v03r01 Section 8, ANSI C63.26 clause 5.6.
Limit:	2.5ppm
Test setup:	 **Note :** Measurement setup for testing on Antenna connector
Test procedure:	1. Set chamber temperature to 20°C. Use a variable DC power source to power the EUT and set the voltage to rated voltage. 2. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency. 3. Reduce the input voltage to specified extreme voltage variation (+/- 15%) and endpoint, record the maximum frequency change.
Test Instruments:	Refer to section 3 for details
Test mode:	Refer to section 4.1 for details
Test results:	Pass
Remark:	1. Manufacturer specified the battery operating end point voltage is 6.1VDC, max voltage is 8.3VDC. 2. If all frequencies stability are comply with the lower limit, then all results can be considered qualified

Measurement Data

Reference Frequency: LTE Band 2 Middle channel=18900 channel=1880MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
20	8.3	19	0.0099	2.5	Pass
	7.2	13	0.0070		
	6.1	-8	-0.0044		
Reference Frequency: LTE Band 4 Middle channel=20175 channel=1732.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
20	8.3	16	0.0093	2.5	Pass
	7.2	-5	-0.0028		
	6.1	8	0.0044		
Reference Frequency: LTE Band 5 Middle channel=20175 channel=836.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
20	8.3	8	0.0099	2.5	Pass
	7.2	-25	-0.0299		
	6.1	19	0.0233		
Reference Frequency: LTE Band 7 Middle channel=21100 channel=2535MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
20	8.3	-8	-0.0030	2.5	Pass
	7.2	8	0.0031		
	6.1	8	0.0031		
Reference Frequency: LTE Band 12 Middle channel=23095 channel=707.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
20	8.3	17	0.0236	2.5	Pass
	7.2	16	0.0221		
	6.1	14	0.0194		

Reference Frequency: LTE Band 13 Middle channel=23230 channel=782MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
20	8.3	13	0.0163	2.5	Pass
	7.2	-22	-0.0277		
	6.1	21	0.0267		
Reference Frequency: LTE Band25 Middle channel=26365 channel=1882.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
20	8.3	18	0.0097	2.5	Pass
	7.2	16	0.0082		
	6.1	-8	-0.0043		
Reference Frequency: LTE Band 26 Middle channel=26865 channel=831.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
20	8.3	22	0.0270	2.5	Pass
	7.2	-19	-0.0231		
	6.1	10	0.0122		

Reference Frequency: LTE Band 7						
F_L (MHz)	F_H (MHz)	Max. Frequency Error (Hz)	F_L - Max. Frequency Error (MHz)	Limit (MHz)	F_H + Max. Frequency Error (MHz)	Limit (MHz)
2500.2447	2569.7553	8	2500.244692	＞2500	2569.755308	＜2570
Result: PASS						

Reference Frequency: LTE Band 12						
F_L (MHz)	F_H (MHz)	Max. Frequency Error (Hz)	F_L - Max. Frequency Error (MHz)	Limit (MHz)	F_H + Max. Frequency Error (MHz)	Limit (MHz)
699.1604	715.8396	17	699.160383	＞699	715.839617	＜716
Result: PASS						

Reference Frequency: LTE Band 13						
F_L (MHz)	F_H (MHz)	Max. Frequency Error (Hz)	F_L - Max. Frequency Error (MHz)	Limit (MHz)	F_H + Max. Frequency Error (MHz)	Limit (MHz)
777.2659	786.7341	-22	777.265922	＞777	786.734078	＜787
Result: PASS						

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