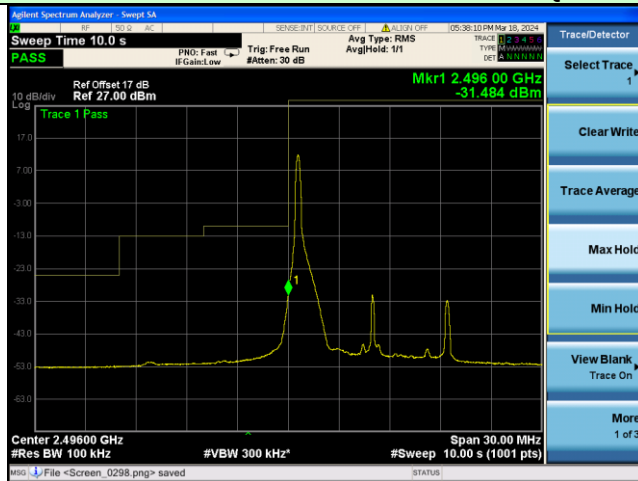
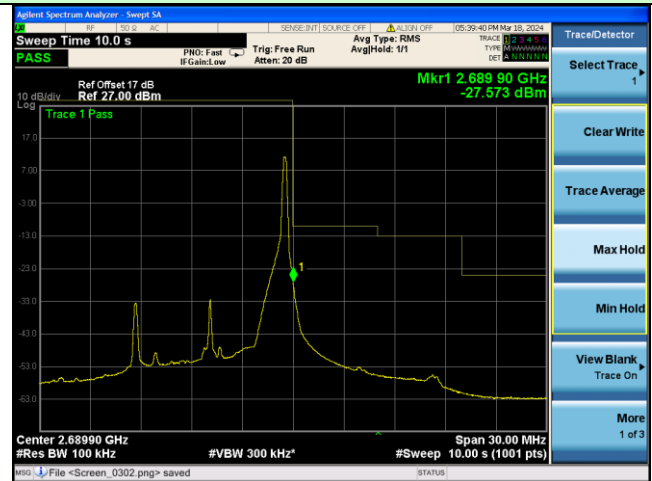


Test Mode: LTE Band 41 / 10MHz / 1 RB / 16-QAM

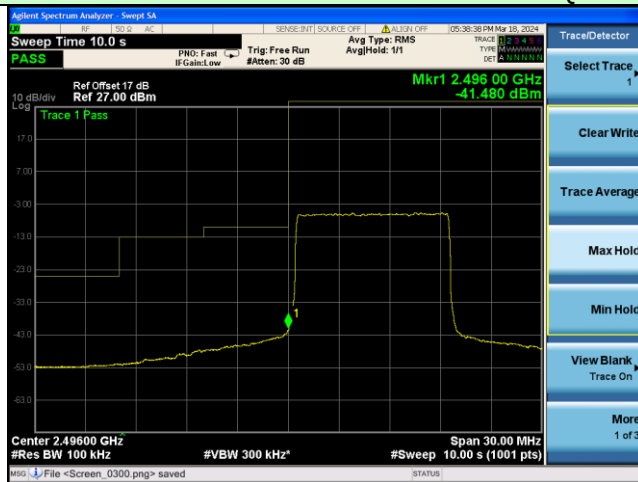


Lowest channel

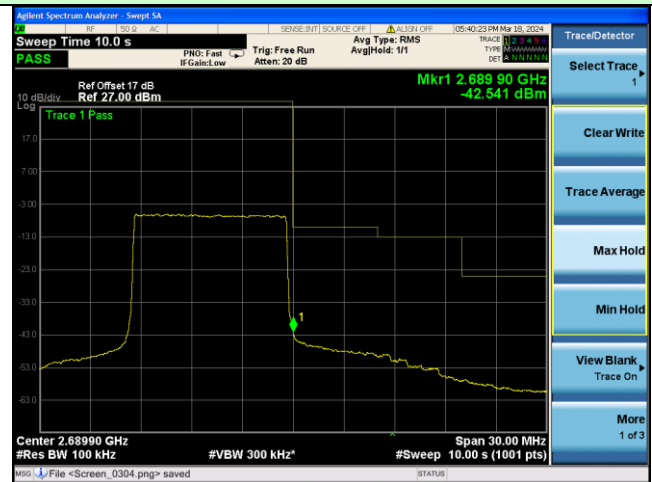


Highest channel

Test Mode: LTE Band 41 / 10MHz / 50RB / 16-QAM

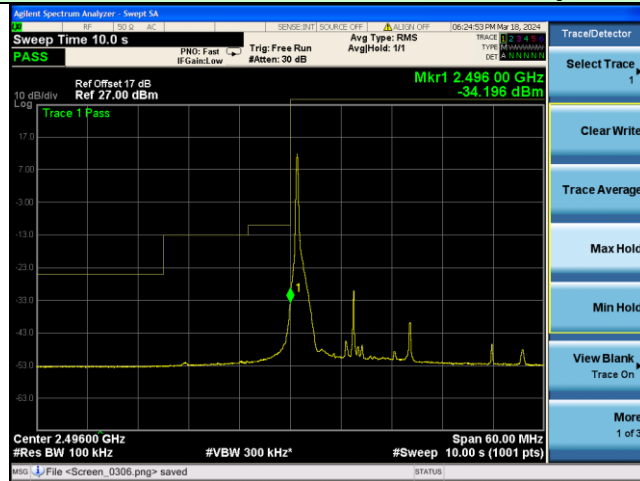


Lowest channel

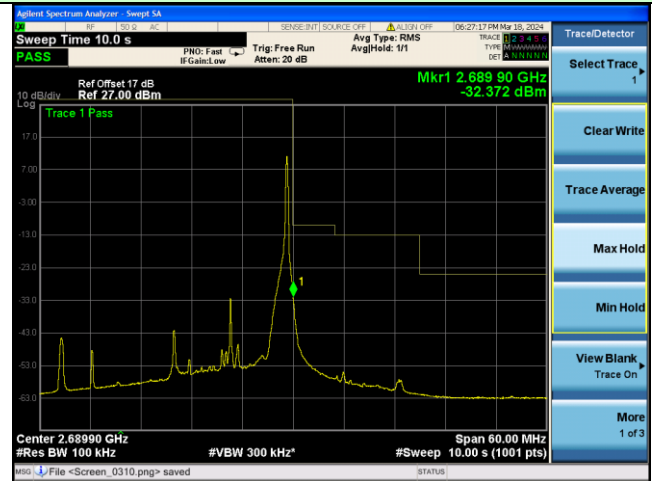


Highest channel

Test Mode: LTE Band 41 / 15MHz / 1 RB / 16-QAM

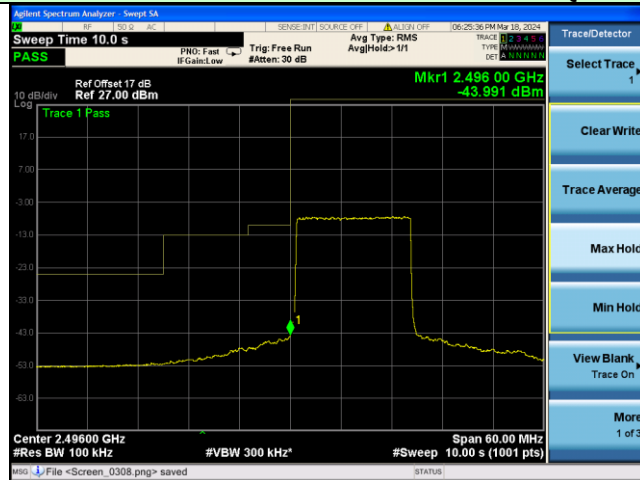


Lowest channel

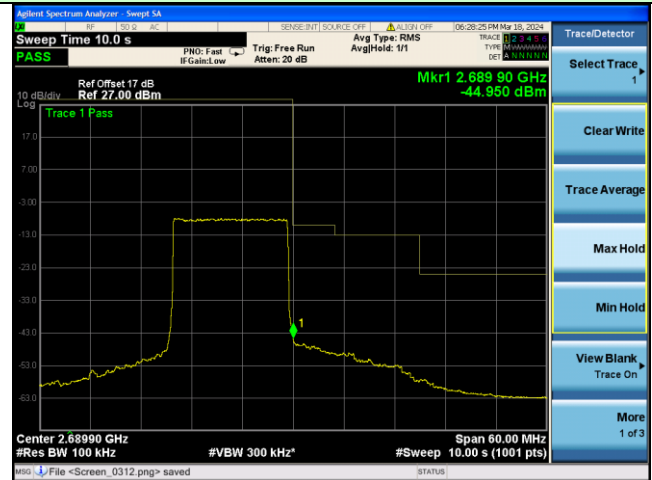


Highest channel

Test Mode: LTE Band 41 / 15MHz / 75RB / 16-QAM

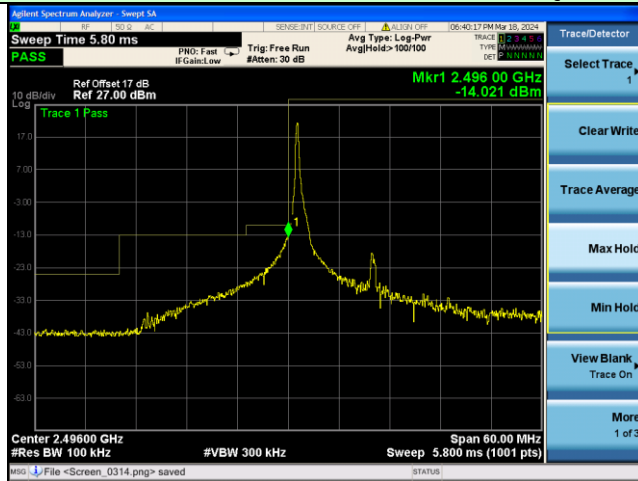


Lowest channel

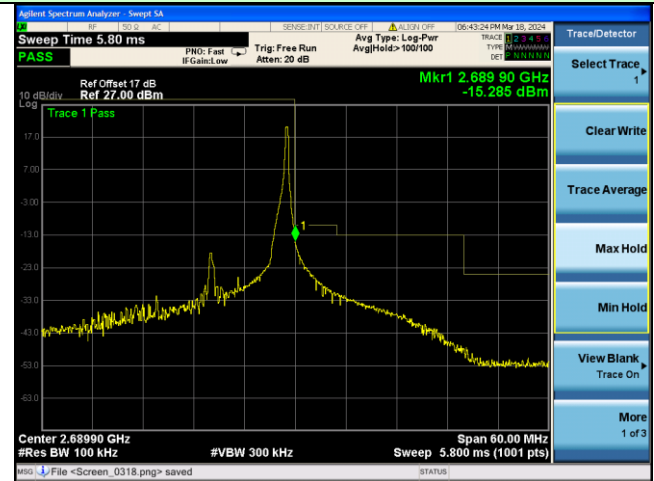


Highest channel

Test Mode: LTE Band 41 / 20MHz / 1RB / 16-QAM

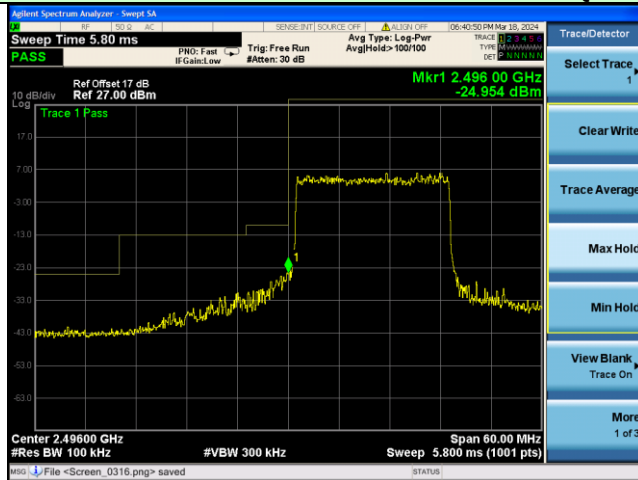


Lowest channel



Highest channel

Test Mode: LTE Band 41 / 20MHz / 100RB / 16-QAM



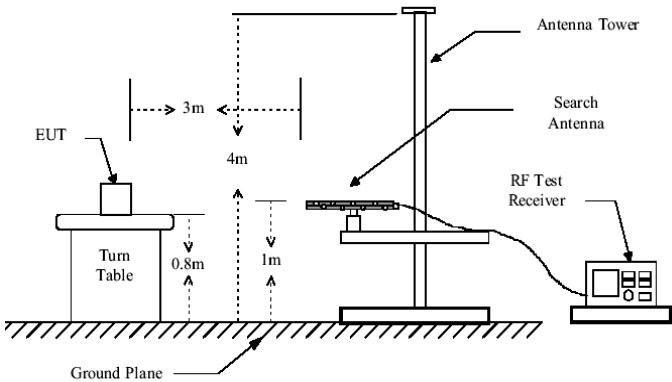
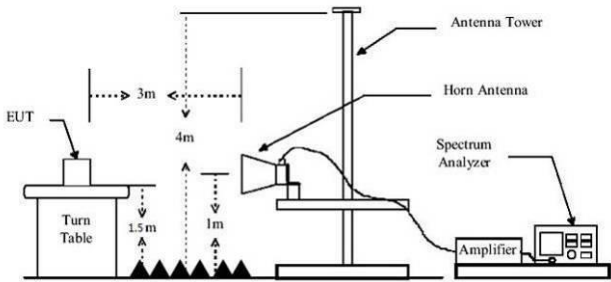
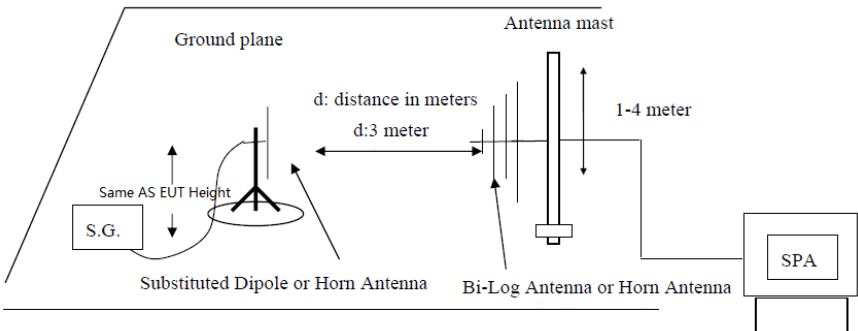
Lowest channel



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 27.50(h) and FCC part 27.53
Test Method:	ANSI C63.26:2015
Limit:	LTE Band 2: 2W (EIRP) LTE Band 4: 1W (EIRP) LTE Band 5(Upper Band): [7W (ERP) for FCC] LTE Band 7: 2W (EIRP) LTE Band 12: 3W (ERP) LTE Band 13: 2W (ERP) LTE Band 17: 3W (ERP) LTE Band 41: 2W (EIRP)
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: $\text{ERP} = \text{S.G. output (dBm)} + \text{Antenna Gain (dBd)} - \text{Cable Loss (dB)}$ 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: $\text{EIRP} = \text{S.G. output (dBm)} + \text{Antenna Gain (dBi)} - \text{Cable Loss (dB)}$
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	22.59	33.00	Pass
					H	22.94		
				E1	V	22.39		
					H	23.05		
				E2	V	22.89		
					H	22.60		
	6	0	Middle	H	V	22.48	33.00	Pass
					H	22.61		
				E1	V	22.12		
					H	22.87		
				E2	V	22.43		
					H	22.13		
	6	0	Highest	H	V	22.63	33.00	Pass
					H	23.23		
				E1	V	22.91		
					H	22.52		
				E2	V	23.05		
					H	22.06		

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	23.05	33.00	Pass
					H	22.41		
				E1	V	22.40		
					H	22.97		
				E2	V	22.11		
					H	22.65		
	Middle	15	0	H	V	22.81	33.00	Pass
					H	22.24		
				E1	V	22.18		
					H	22.60		
				E2	V	22.76		
					H	22.46		
	Highest	15	0	H	V	22.78	33.00	Pass
					H	23.01		
				E1	V	23.19		
					H	22.83		
				E2	V	23.16		
					H	22.87		

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	22.31	33.00	Pass
					H	22.82		
				E1	V	22.83		
					H	22.53		
				E2	V	22.82		
					H	22.88		
	Middle	25	0	H	V	22.75	33.00	Pass
					H	22.98		
				E1	V	22.07		
					H	23.08		
				E2	V	22.89		
					H	22.62		
	Highest	25	0	H	V	22.58	33.00	Pass
					H	23.20		
				E1	V	23.55		
					H	22.10		
				E2	V	22.54		
					H	22.89		

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	22.81	33.00	Pass
					H	22.57		
				E1	V	22.96		
					H	22.69		
				E2	V	22.74		
					H	22.32		
	Middle	50	0	H	V	22.36	33.00	Pass
					H	22.74		
				E1	V	22.08		
					H	22.35		
				E2	V	22.78		
					H	22.75		
	Highest	50	0	H	V	23.16	33.00	Pass
					H	23.19		
				E1	V	23.38		
					H	22.80		
				E2	V	23.20		
					H	22.16		

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	22.39	33.00	Pass
					H	23.04		
				E1	V	22.02		
					H	23.22		
				E2	V	22.98		
					H	22.00		
	Middle	75	0	H	V	22.92	33.00	Pass
					H	22.18		
				E1	V	22.24		
					H	22.48		
				E2	V	22.61		
					H	22.47		
	Highest	75	0	H	V	23.22	33.00	Pass
					H	22.99		
				E1	V	22.60		
					H	22.59		
				E2	V	22.63		
					H	22.75		

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	22.21	33.00	Pass
					H	22.43		
				E1	V	22.75		
					H	22.62		
				E2	V	22.45		
					H	22.77		
	Middle	100	0	H	V	22.83	33.00	Pass
					H	22.32		
				E1	V	22.37		
					H	23.03		
				E2	V	22.41		
					H	22.12		
	Highest	100	0	H	V	23.00	33.00	Pass
					H	22.70		
				E1	V	22.78		
					H	22.24		
				E2	V	22.47		
					H	22.62		

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	22.92	33.00	Pass
					H	22.93		
				E1	V	22.55		
					H	22.70		
				E2	V	22.65		
					H	22.89		
	6	0	Middle	H	V	22.84	33.00	Pass
					H	22.62		
				E1	V	22.18		
					H	23.04		
				E2	V	22.71		
					H	22.36		
	6	0	Highest	H	V	22.86	33.00	Pass
					H	22.88		
				E1	V	23.48		
					H	22.75		
				E2	V	22.95		
					H	22.10		

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	22.62	33.00	Pass
					H	22.79		
				E1	V	22.16		
					H	22.40		
				E2	V	22.61		
					H	22.04		
	Middle	15	0	H	V	22.43	33.00	Pass
					H	23.00		
				E1	V	22.33		
					H	23.06		
				E2	V	22.82		
					H	22.03		
	Highest	15	0	H	V	22.93	33.00	Pass
					H	23.53		
				E1	V	23.25		
					H	22.77		
				E2	V	23.07		
					H	22.88		

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	22.58	33.00	Pass
					H	22.73		
				E1	V	22.36		
					H	22.86		
				E2	V	22.38		
					H	22.95		
	Middle	25	0	H	V	22.98	33.00	Pass
					H	22.68		
				E1	V	22.04		
					H	22.99		
				E2	V	22.27		
					H	22.27		
	Highest	25	0	H	V	23.13	33.00	Pass
					H	23.46		
				E1	V	23.31		
					H	22.28		
				E2	V	22.81		
					H	22.21		

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	22.30	33.00	Pass
					H	23.00		
				E1	V	22.69		
					H	22.80		
				E2	V	23.00		
					H	22.51		
	Middle	50	0	H	V	23.10	33.00	Pass
					H	22.48		
				E1	V	22.46		
					H	22.37		
				E2	V	22.33		
					H	22.74		
	Highest	50	0	H	V	23.41	33.00	Pass
					H	22.83		
				E1	V	22.80		
					H	22.79		
				E2	V	23.18		
					H	22.79		

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	22.52	33.00	Pass
					H	22.20		
				E1	V	22.40		
					H	22.29		
				E2	V	22.76		
					H	22.53		
	Middle	75	0	H	V	22.11	33.00	Pass
					H	23.01		
				E1	V	22.16		
					H	22.46		
				E2	V	22.16		
					H	22.23		
	Highest	75	0	H	V	23.42	33.00	Pass
					H	22.92		
				E1	V	22.72		
					H	22.76		
				E2	V	23.11		
					H	22.03		

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	22.75	33.00	Pass
					H	23.10		
				E1	V	22.01		
					H	22.46		
				E2	V	23.00		
					H	22.37		
	Middle	100	0	H	V	22.74	33.00	Pass
					H	23.05		
				E1	V	22.62		
					H	23.05		
				E2	V	22.21		
					H	22.70		
	Highest	100	0	H	V	23.03	33.00	Pass
					H	23.25		
				E1	V	23.31		
					H	22.53		
				E2	V	23.27		
					H	22.62		

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	22.98	30.00	Pass
					H	23.12		
				E1	V	22.95		
					H	23.19		
				E2	V	22.48		
					H	22.55		
	Middle	6	0	H	V	22.50	30.00	Pass
					H	22.68		
				E1	V	22.88		
					H	22.28		
				E2	V	22.50		
					H	22.50		
	Highest	6	0	H	V	22.89	30.00	Pass
					H	22.59		
				E1	V	22.98		
					H	22.88		
				E2	V	23.07		
					H	22.32		

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	22.89	30.00	Pass
					H	21.93		
				E1	V	21.95		
					H	22.30		
				E2	V	21.80		
					H	21.79		
	Middle	15	0	H	V	22.74	30.00	Pass
					H	21.27		
				E1	V	21.88		
					H	22.00		
				E2	V	22.17		
					H	22.04		
	Highest	15	0	H	V	21.72	30.00	Pass
					H	21.84		
				E1	V	21.89		
					H	22.58		
				E2	V	22.19		
					H	22.08		

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	22.32	30.00	Pass
					H	21.58		
				E1	V	21.90		
					H	22.61		
				E2	V	22.02		
					H	21.50		
	Middle	25	0	H	V	22.22	30.00	Pass
					H	21.82		
				E1	V	21.89		
					H	21.61		
				E2	V	22.12		
					H	22.15		
	Highest	25	0	H	V	22.38	30.00	Pass
					H	21.73		
				E1	V	22.05		
					H	22.35		
				E2	V	21.66		
					H	21.79		

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	22.41	30.00	Pass
					H	21.59		
				E1	V	21.90		
					H	22.27		
				E2	V	22.49		
					H	22.35		
	Middle	50	0	H	V	22.07	30.00	Pass
					H	21.25		
				E1	V	22.80		
					H	22.21		
				E2	V	22.31		
					H	22.33		
	Highest	50	0	H	V	22.19	30.00	Pass
					H	21.70		
				E1	V	22.23		
					H	22.29		
				E2	V	22.01		
					H	21.54		

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	22.38	30.00	Pass
					H	21.54		
				E1	V	22.67		
					H	21.75		
				E2	V	22.55		
					H	21.91		
	Middle	75	0	H	V	22.42	30.00	Pass
					H	22.07		
				E1	V	21.92		
					H	21.68		
				E2	V	22.38		
					H	21.87		
	Highest	75	0	H	V	22.03	30.00	Pass
					H	22.03		
				E1	V	22.12		
					H	22.22		
				E2	V	21.31		
					H	21.97		

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	22.40	30.00	Pass
					H	21.53		
				E1	V	21.95		
					H	22.44		
				E2	V	22.02		
					H	21.56		
	Middle	100	0	H	V	22.61	30.00	Pass
					H	21.59		
				E1	V	22.05		
					H	22.60		
				E2	V	21.86		
					H	22.73		
	Highest	100	0	H	V	21.82	30.00	Pass
					H	22.22		
				E1	V	22.18		
					H	22.83		
				E2	V	21.70		
					H	22.07		

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	22.37	30.00	Pass
					H	21.52		
				E1	V	22.53		
					H	22.40		
				E2	V	22.58		
					H	21.84		
	Middle	6	0	H	V	22.72	30.00	Pass
					H	21.48		
				E1	V	22.81		
					H	21.69		
				E2	V	22.12		
					H	22.28		
	Highest	6	0	H	V	22.40	30.00	Pass
					H	21.30		
				E1	V	22.13		
					H	22.69		
				E2	V	21.64		
					H	21.39		

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	22.08	30.00	Pass
					H	21.52		
				E1	V	22.81		
					H	21.75		
				E2	V	22.19		
					H	21.65		
	Middle	15	0	H	V	22.05	30.00	Pass
					H	22.10		
				E1	V	22.21		
					H	21.95		
				E2	V	21.80		
					H	22.58		
	Highest	15	0	H	V	21.87	30.00	Pass
					H	21.81		
				E1	V	21.86		
					H	22.13		
				E2	V	22.00		
					H	21.82		

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	21.99	30.00	Pass
					H	22.03		
				E1	V	22.08		
					H	22.41		
				E2	V	21.73		
					H	21.46		
	Middle	25	0	H	V	22.66	30.00	Pass
					H	22.11		
				E1	V	22.32		
					H	22.05		
				E2	V	21.81		
					H	22.28		
	Highest	25	0	H	V	22.08	30.00	Pass
					H	21.96		
				E1	V	21.85		
					H	22.10		
				E2	V	21.35		
					H	21.75		

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	22.65	30.00	Pass
					H	21.45		
				E1	V	22.03		
					H	21.89		
				E2	V	22.07		
					H	21.83		
	Middle	50	0	H	V	22.59	30.00	Pass
					H	21.43		
				E1	V	22.83		
					H	22.43		
				E2	V	21.59		
					H	22.68		
	Highest	50	0	H	V	22.18	30.00	Pass
					H	22.14		
				E1	V	22.37		
					H	22.78		
				E2	V	21.93		
					H	22.00		

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	22.38	30.00	Pass
					H	21.48		
				E1	V	22.66		
					H	21.86		
				E2	V	22.09		
					H	21.93		
	Middle	75	0	H	V	22.18	30.00	Pass
					H	21.21		
				E1	V	22.35		
					H	22.04		
				E2	V	22.25		
					H	21.92		
	Highest	75	0	H	V	22.27	30.00	Pass
					H	21.33		
				E1	V	21.98		
					H	22.10		
				E2	V	22.00		
					H	21.78		

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	22.73	30.00	Pass
					H	21.31		
				E1	V	22.50		
					H	22.14		
				E2	V	21.62		
					H	22.28		
	Middle	100	0	H	V	22.11	30.00	Pass
					H	21.58		
				E1	V	22.44		
					H	22.46		
				E2	V	22.16		
					H	22.08		
	Highest	100	0	H	V	22.09	30.00	Pass
					H	21.38		
				E1	V	21.55		
					H	22.67		
				E2	V	21.72		
					H	22.24		

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	22.88	38.45	Pass
					H	21.76		
				E1	V	22.02		
					H	22.02		
				E2	V	21.65		
					H	22.21		
	Middle	6	0	H	V	22.36	38.45	Pass
					H	21.29		
				E1	V	22.65		
					H	22.12		
				E2	V	22.13		
					H	21.82		
	Highest	6	0	H	V	22.36	38.45	Pass
					H	21.80		
				E1	V	21.99		
					H	22.16		
				E2	V	22.17		
					H	22.19		

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	22.57	38.45	Pass
					H	21.70		
				E1	V	22.29		
					H	21.66		
				E2	V	21.91		
					H	21.49		
	Middle	15	0	H	V	22.49	38.45	Pass
					H	21.59		
				E1	V	22.33		
					H	22.22		
				E2	V	21.75		
					H	22.37		
	Highest	15	0	H	V	21.56	38.45	Pass
					H	22.06		
				E1	V	21.67		
					H	22.15		
				E2	V	22.25		
					H	22.29		

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	22.16	38.45	Pass
					H	21.75		
				E1	V	21.93		
					H	22.55		
				E2	V	21.70		
					H	21.85		
	Middle	25	0	H	V	22.64	38.45	Pass
					H	21.65		
				E1	V	22.79		
					H	22.52		
				E2	V	22.44		
					H	22.10		
	Highest	25	0	H	V	21.55	38.45	Pass
					H	22.09		
				E1	V	21.94		
					H	22.26		
				E2	V	21.68		
					H	21.53		

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	22.05	38.45	Pass
					H	21.78		
				E1	V	22.40		
					H	21.70		
				E2	V	22.50		
					H	21.85		
	Middle	50	0	H	V	22.58	38.45	Pass
					H	21.25		
				E1	V	22.55		
					H	21.66		
				E2	V	22.43		
					H	22.64		
	Highest	50	0	H	V	22.12	38.45	Pass
					H	22.00		
				E1	V	22.31		
					H	22.51		
				E2	V	21.31		
					H	22.07		

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	22.84	38.45	Pass
					H	21.31		
				E1	V	22.43		
					H	22.21		
				E2	V	22.54		
					H	22.01		
	Middle	6	0	H	V	22.73	38.45	Pass
					H	21.32		
				E1	V	22.67		
					H	21.93		
				E2	V	21.97		
					H	22.02		
	Highest	6	0	H	V	22.12	38.45	Pass
					H	21.86		
				E1	V	22.36		
					H	22.11		
				E2	V	21.53		
					H	22.34		

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	22.94	38.45	Pass
					H	22.05		
				E1	V	22.36		
					H	22.41		
				E2	V	21.70		
					H	22.26		
	Middle	15	0	H	V	22.44	38.45	Pass
					H	22.14		
				E1	V	21.98		
					H	22.58		
				E2	V	21.61		
					H	22.50		
	Highest	15	0	H	V	21.89	38.45	Pass
					H	21.83		
				E1	V	21.90		
					H	22.19		
				E2	V	21.74		
					H	22.23		

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	22.92	38.45	Pass
					H	21.56		
				E1	V	22.68		
					H	22.38		
				E2	V	22.46		
					H	21.50		
	Middle	25	0	H	V	22.78	38.45	Pass
					H	21.96		
				E1	V	22.83		
					H	21.86		
				E2	V	21.76		
					H	22.75		
	Highest	25	0	H	V	22.35	38.45	Pass
					H	21.97		
				E1	V	21.71		
					H	22.17		
				E2	V	22.14		
					H	22.15		

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	22.72	38.45	Pass
					H	22.10		
				E1	V	22.40		
					H	22.22		
				E2	V	22.17		
					H	21.70		
	Middle	50	0	H	V	22.55	38.45	Pass
					H	21.37		
				E1	V	22.44		
					H	21.88		
				E2	V	21.83		
					H	22.26		
	Highest	50	0	H	V	22.09	38.45	Pass
					H	21.92		
				E1	V	22.07		
					H	22.08		
				E2	V	22.00		
					H	21.53		

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	22.80	33.00	Pass
					H	21.36		
				E1	V	22.46		
					H	22.00		
				E2	V	21.71		
					H	21.52		
	Middle	25	0	H	V	22.40	33.00	Pass
					H	21.81		
				E1	V	22.71		
					H	21.89		
				E2	V	21.96		
					H	22.54		
	Highest	25	0	H	V	22.54	33.00	Pass
					H	21.59		
				E1	V	21.89		
					H	22.58		
				E2	V	21.63		
					H	21.72		

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	22.70	33.00	Pass
					H	22.06		
				E1	V	22.40		
					H	21.77		
				E2	V	21.91		
					H	22.28		
	Middle	50	0	H	V	22.24	33.00	Pass
					H	21.24		
				E1	V	22.26		
					H	21.89		
				E2	V	21.79		
					H	22.10		
	Highest	50	0	H	V	21.72	33.00	Pass
					H	21.97		
				E1	V	21.99		
					H	22.10		
				E2	V	22.19		
					H	22.15		

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	22.72	33.00	Pass
					H	21.79		
				E1	V	22.44		
					H	22.16		
				E2	V	21.75		
					H	22.09		
	Middle	75	0	H	V	22.07	33.00	Pass
					H	21.49		
				E1	V	22.32		
					H	22.22		
				E2	V	22.56		
					H	22.36		
	Highest	75	0	H	V	22.49	33.00	Pass
					H	22.21		
				E1	V	22.09		
					H	22.77		
				E2	V	21.79		
					H	22.23		

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	22.14	33.00	Pass
					H	21.67		
				E1	V	22.52		
					H	22.19		
				E2	V	22.21		
					H	21.97		
	Middle	100	0	H	V	21.98	33.00	Pass
					H	21.37		
				E1	V	22.61		
					H	21.75		
				E2	V	22.02		
					H	22.01		
	Highest	100	0	H	V	21.57	33.00	Pass
					H	21.34		
				E1	V	21.46		
					H	22.10		
				E2	V	21.60		
					H	21.43		

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	22.19	33.00	Pass
					H	21.45		
				E1	V	22.38		
					H	22.26		
				E2	V	22.04		
					H	22.00		
	Middle	25	0	H	V	22.67	33.00	Pass
					H	21.98		
				E1	V	22.50		
					H	21.73		
				E2	V	21.81		
					H	22.54		
	Highest	25	0	H	V	22.29	33.00	Pass
					H	22.01		
				E1	V	21.83		
					H	22.11		
				E2	V	21.73		
					H	21.70		

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	22.38	33.00	Pass
					H	21.81		
				E1	V	22.72		
					H	22.34		
				E2	V	22.49		
					H	22.31		
	Middle	50	0	H	V	22.29	33.00	Pass
					H	21.63		
				E1	V	22.66		
					H	22.25		
				E2	V	22.08		
					H	21.99		
	Highest	50	0	H	V	22.46	33.00	Pass
					H	22.18		
				E1	V	21.57		
					H	22.27		
				E2	V	22.21		
					H	21.72		

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	22.73	33.00	Pass
					H	21.53		
				E1	V	21.98		
					H	21.95		
				E2	V	22.44		
					H	21.97		
	Middle	75	0	H	V	22.58	33.00	Pass
					H	22.17		
				E1	V	22.68		
					H	22.20		
				E2	V	21.67		
					H	21.82		
	Highest	75	0	H	V	22.11	33.00	Pass
					H	22.20		
				E1	V	21.54		
					H	21.92		
				E2	V	21.44		
					H	22.05		

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	22.89	33.00	Pass
					H	21.34		
				E1	V	21.95		
					H	22.17		
				E2	V	22.39		
					H	22.07		
	Middle	100	0	H	V	22.74	33.00	Pass
					H	21.88		
				E1	V	22.40		
					H	22.05		
				E2	V	22.15		
					H	21.82		
	Highest	100	0	H	V	21.90	33.00	Pass
					H	21.58		
				E1	V	22.35		
					H	21.97		
				E2	V	21.89		
					H	21.43		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 12 (1.4MHz) QPSK	Lowest	6	0	H	V	22.78	34.77	Pass
					H	21.86		
				E1	V	22.54		
					H	21.64		
				E2	V	21.98		
					H	22.14		
	Middle	6	0	H	V	22.27	34.77	Pass
					H	21.53		
				E1	V	22.45		
					H	22.33		
				E2	V	21.82		
					H	22.63		
	Highest	6	0	H	V	21.85	34.77	Pass
					H	22.05		
				E1	V	22.02		
					H	22.77		
				E2	V	21.63		
					H	22.16		

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	22.72	34.77	Pass
					H	21.87		
				E1	V	22.75		
					H	22.10		
				E2	V	21.73		
					H	22.30		
	Middle	15	0	H	V	22.95	34.77	Pass
					H	21.58		
				E1	V	22.18		
					H	21.66		
				E2	V	22.01		
					H	22.49		
	Highest	15	0	H	V	22.47	34.77	Pass
					H	21.50		
				E1	V	21.47		
					H	22.01		
				E2	V	21.95		
					H	21.51		

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	21.96	34.77	Pass
					H	22.02		
				E1	V	22.73		
					H	22.13		
				E2	V	21.81		
					H	21.47		
	Middle	25	0	H	V	22.25	34.77	Pass
					H	21.56		
				E1	V	22.02		
					H	21.94		
				E2	V	21.72		
					H	22.34		
	Highest	25	0	H	V	22.19	34.77	Pass
					H	22.25		
				E1	V	21.57		
					H	22.14		
				E2	V	21.52		
					H	21.50		

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	22.10	34.77	Pass
					H	21.69		
				E1	V	22.15		
					H	22.06		
				E2	V	22.02		
					H	21.41		
	Middle	50	0	H	V	22.55	34.77	Pass
					H	21.40		
				E1	V	22.58		
					H	22.31		
				E2	V	21.63		
					H	22.05		
	Highest	50	0	H	V	22.18	34.77	Pass
					H	21.52		
				E1	V	21.98		
					H	21.93		
				E2	V	22.19		
					H	21.53		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 12 (1.4MHz) 16QAM	Lowest	6	0	H	V	22.81	34.77	Pass
					H	22.13		
				E1	V	22.02		
					H	21.99		
				E2	V	21.73		
					H	21.84		
	Middle	6	0	H	V	22.88	34.77	Pass
					H	21.82		
				E1	V	22.27		
					H	22.32		
				E2	V	21.79		
					H	22.13		
	Highest	6	0	H	V	21.90	34.77	Pass
					H	21.57		
				E1	V	21.82		
					H	22.45		
				E2	V	21.77		
					H	21.50		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 12 (3MHz) 16QAM	Lowest	15	0	H	V	22.54	34.77	Pass
					H	21.64		
				E1	V	22.49		
					H	22.15		
				E2	V	22.34		
					H	21.89		
	Middle	15	0	H	V	21.97	34.77	Pass
					H	21.21		
				E1	V	22.08		
					H	22.30		
				E2	V	21.96		
					H	22.38		
	Highest	15	0	H	V	21.80	34.77	Pass
					H	21.39		
				E1	V	22.31		
					H	22.31		
				E2	V	21.48		
					H	22.01		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 12 (5MHz) 16QAM	Lowest	25	0	H	V	22.32	34.77	Pass
					H	21.76		
				E1	V	22.52		
					H	22.16		
				E2	V	22.48		
					H	22.11		
	Middle	25	0	H	V	22.92	34.77	Pass
					H	22.16		
				E1	V	22.21		
					H	22.05		
				E2	V	22.15		
					H	21.92		
	Highest	25	0	H	V	21.83	34.77	Pass
					H	21.57		
				E1	V	22.03		
					H	22.11		
				E2	V	22.02		
					H	21.78		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 12 (10MHz) 16QAM	Lowest	50	0	H	V	22.81	34.77	Pass
					H	22.12		
				E1	V	22.80		
					H	21.98		
				E2	V	22.16		
					H	21.59		
	Middle	50	0	H	V	22.72	34.77	Pass
					H	21.52		
				E1	V	22.09		
					H	21.82		
				E2	V	21.97		
					H	22.27		
	Highest	50	0	H	V	21.61	34.77	Pass
					H	22.15		
				E1	V	21.52		
					H	22.09		
				E2	V	22.09		
					H	22.08		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 17 (5MHz) QPSK	Lowest	25	0	H	V	22.59	34.77	Pass
					H	21.51		
				E1	V	22.38		
					H	22.34		
				E2	V	21.74		
					H	21.82		
	Middle	25	0	H	V	22.29	34.77	Pass
					H	21.37		
				E1	V	22.23		
					H	22.18		
				E2	V	22.50		
					H	22.40		
	Highest	25	0	H	V	21.59	34.77	Pass
					H	22.12		
				E1	V	21.60		
					H	22.70		
				E2	V	21.86		
					H	21.79		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 17 (10MHz) QPSK	Lowest	50	0	H	V	22.62	34.77	Pass
					H	21.39		
				E1	V	22.10		
					H	22.61		
				E2	V	21.79		
					H	22.14		
	Middle	50	0	H	V	22.40	34.77	Pass
					H	21.57		
				E1	V	22.61		
					H	21.64		
				E2	V	21.63		
					H	22.39		
	Highest	50	0	H	V	22.24	34.77	Pass
					H	21.72		
				E1	V	22.26		
					H	22.21		
				E2	V	22.20		
					H	21.71		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 17 (5MHz) 16QAM	Lowest	25	0	H	V	22.31	34.77	Pass
					H	21.21		
				E1	V	21.96		
					H	21.98		
				E2	V	21.60		
					H	21.39		
	Middle	25	0	H	V	22.81	34.77	Pass
					H	21.24		
				E1	V	22.48		
					H	22.26		
				E2	V	22.17		
					H	22.47		
	Highest	25	0	H	V	22.53	34.77	Pass
					H	21.93		
				E1	V	21.67		
					H	22.39		
				E2	V	21.51		
					H	22.21		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
LTE Band 17 (10MHz) 16QAM	Lowest	50	0	H	V	22.02	34.77	Pass
					H	21.30		
				E1	V	22.76		
					H	21.85		
				E2	V	22.07		
					H	21.55		
	Middle	50	0	H	V	22.23	34.77	Pass
					H	21.58		
				E1	V	22.58		
					H	22.04		
				E2	V	22.46		
					H	21.77		
	Highest	50	0	H	V	21.77	34.77	Pass
					H	22.24		
				E1	V	21.85		
					H	22.15		
				E2	V	22.07		
					H	22.04		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 41 (5MHz) QPSK	Lowest	25	0	H	V	22.52	33.00	Pass
					H	22.12		
				E1	V	22.06		
					H	22.39		
				E2	V	21.76		
					H	21.61		
	Middle	25	0	H	V	22.84	33.00	Pass
					H	21.29		
				E1	V	22.17		
					H	21.97		
				E2	V	22.23		
					H	22.52		
	Highest	25	0	H	V	22.43	33.00	Pass
					H	21.60		
				E1	V	21.41		
					H	21.88		
				E2	V	21.55		
					H	21.40		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 41 (10MHz) QPSK	Lowest	50	0	H	V	22.59	33.00	Pass
					H	21.34		
				E1	V	22.36		
					H	22.48		
				E2	V	22.54		
					H	21.64		
	Middle	50	0	H	V	22.18	33.00	Pass
					H	21.44		
				E1	V	22.02		
					H	22.07		
				E2	V	21.78		
					H	22.38		
	Highest	50	0	H	V	22.37	33.00	Pass
					H	22.04		
				E1	V	22.28		
					H	22.78		
				E2	V	22.16		
					H	21.84		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 41 (15MHz) QPSK	Lowest	75	0	H	V	22.72	33.00	Pass
					H	21.53		
				E1	V	21.96		
					H	22.33		
				E2	V	21.88		
					H	21.61		
	Middle	75	0	H	V	22.51	33.00	Pass
					H	21.61		
				E1	V	22.32		
					H	22.27		
				E2	V	22.07		
					H	21.77		
	Highest	75	0	H	V	22.47	33.00	Pass
					H	21.56		
				E1	V	21.73		
					H	22.44		
				E2	V	22.03		
					H	22.22		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 41 (20MHz) QPSK	Lowest	100	0	H	V	22.25	33.00	Pass
					H	21.22		
				E1	V	22.26		
					H	21.85		
				E2	V	22.55		
					H	22.25		
	Middle	100	0	H	V	22.27	33.00	Pass
					H	22.10		
				E1	V	22.23		
					H	22.02		
				E2	V	21.68		
					H	22.68		
	Highest	100	0	H	V	21.62	33.00	Pass
					H	21.51		
				E1	V	21.99		
					H	22.01		
				E2	V	22.21		
					H	21.69		

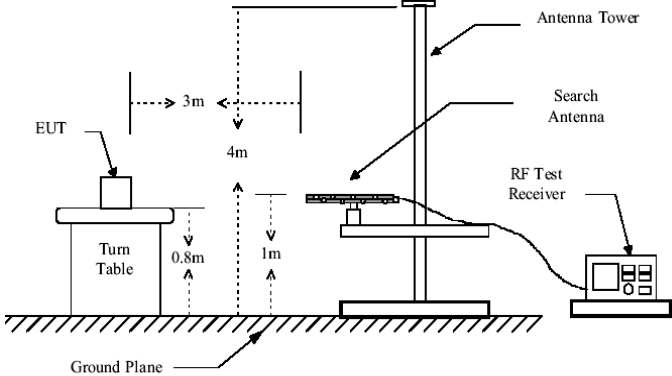
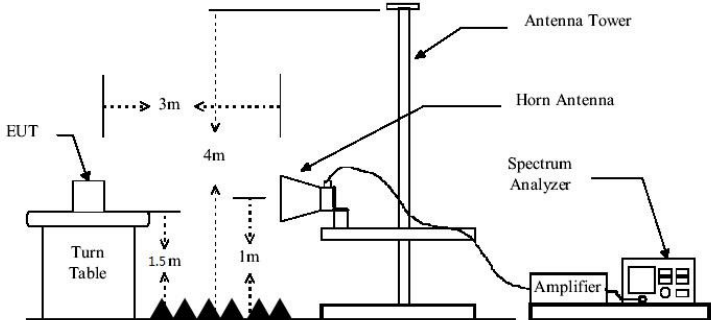
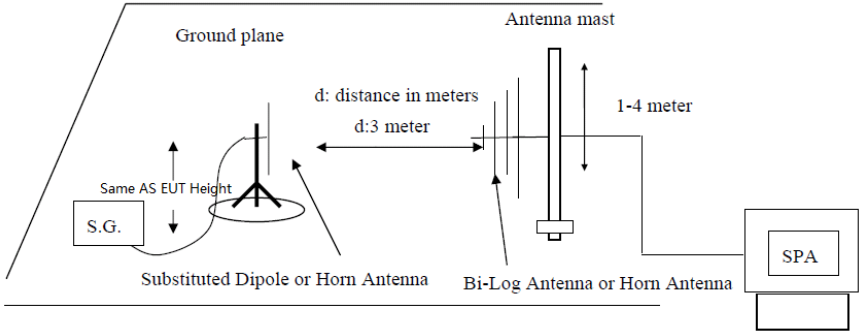
EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 41 (5MHz) 16 QAM	Lowest	25	0	H	V	22.42	33.00	Pass
					H	21.94		
				E1	V	22.42		
					H	21.85		
				E2	V	21.59		
					H	21.79		
	Middle	25	0	H	V	22.21	33.00	Pass
					H	21.76		
				E1	V	22.79		
					H	22.53		
				E2	V	21.64		
					H	21.94		
	Highest	25	0	H	V	21.95	33.00	Pass
					H	21.74		
				E1	V	21.85		
					H	22.82		
				E2	V	21.61		
					H	21.67		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 41 (10MHz) 16 QAM	Lowest	50	0	H	V	22.87	33.00	Pass
					H	21.21		
				E1	V	22.31		
					H	22.54		
				E2	V	22.50		
					H	21.59		
	Middle	50	0	H	V	22.68	33.00	Pass
					H	21.99		
				E1	V	22.38		
					H	21.67		
				E2	V	22.14		
					H	21.91		
	Highest	50	0	H	V	22.03	33.00	Pass
					H	21.94		
				E1	V	22.13		
					H	22.16		
				E2	V	21.48		
					H	21.43		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 41 (15MHz) 16 QAM	Lowest	75	0	H	V	22.56	33.00	Pass
					H	21.40		
				E1	V	22.17		
					H	22.16		
				E2	V	22.58		
					H	21.88		
	Middle	75	0	H	V	22.45	33.00	Pass
					H	22.08		
				E1	V	22.55		
					H	22.50		
				E2	V	22.27		
					H	22.05		
	Highest	75	0	H	V	22.04	33.00	Pass
					H	21.83		
				E1	V	22.34		
					H	21.95		
				E2	V	22.30		
					H	21.38		

EUT mode	Channel	RB Size	RB Offset	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
LTE Band 41 (20MHz) 16 QAM	Lowest	100	0	H	V	22.59	33.00	Pass
					H	21.40		
				E1	V	22.77		
					H	22.51		
				E2	V	21.89		
					H	21.54		
	Middle	100	0	H	V	22.87	33.00	Pass
					H	21.79		
				E1	V	22.72		
					H	22.42		
				E2	V	22.35		
					H	22.32		
	Highest	100	0	H	V	22.30	33.00	Pass
					H	22.17		
				E1	V	22.24		
					H	22.33		
				E2	V	21.81		
					H	22.35		

4.9 Field strength of spurious radiation measurement

Test Requirement:	FCC part22.913(a), FCC part24.238(a) and FCC part27.53, FCC part90.691, RSS-130 (4.7), RSS-132 (5.5), RSS-133 (6.5.1), RSS-139(6.6) and RSS-199(4.5)
Test Method:	ANSI C63.26:2015
Limit:	Band 2/4/5/12/17/26:-13dBm Band 7/41:-25dBm
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. $\text{ERP / EIRP} = \text{S.G. output (dBm)} + \text{Antenna Gain(dB/dBi)} - \text{Cable Loss (dB)}$ 5. Compliance with the provisions of part 27 paragraphs (c)(3) and (c)(4) of this section is based on the use of measurement instrumentation such that the reading taken with any resolution bandwidth setting should be adjusted to indicate spectral energy in a 6.25 kHz segment.
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)		
3699.60	Vertical	-40.29	-13.00	Pass
5552.44	V	-35.47		
7404.14	V	-33.60		
9254.14	V	-32.76		
11104.84	V	-29.11		
3702.24	Horizontal	-37.51	-13.00	Pass
5551.46	H	-37.14		
7401.58	H	-35.92		
9251.54	H	-33.17		
11104.54	H	-31.99		
Test mode:	LTE Band 2(1.4MHz)		Test channel:	Middle
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3761.83	Vertical	-36.66	-13.00	Pass
5638.18	V	-37.63		
7521.49	V	-33.45		
9401.07	V	-31.88		
11281.07	V	-28.68		
3758.73	Horizontal	-39.62	-13.00	Pass
5640.94	H	-35.56		
7521.37	H	-32.91		
9401.65	H	-30.58		
11278.18	H	-28.38		
Test mode:	LTE Band 2(1.4MHz)		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3818.13	Vertical	-38.96	-13.00	Pass
5726.43	V	-37.28		
7637.30	V	-34.84		
9548.45	V	-30.99		
11457.75	V	-27.80		
3819.81	Horizontal	-37.14	-13.00	Pass
5727.11	H	-37.29		
7638.71	H	-33.48		
9546.12	H	-30.44		
11454.33	H	-30.41		

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)		
3419.02	Vertical	-40.07	-13.00	Pass
5129.89	V	-36.82		
6842.53	V	-33.61		
8550.20	V	-32.49		
10260.50	V	-31.05		
3420.35	Horizontal	-38.60	-13.00	Pass
5130.11	H	-37.29		
6840.44	H	-34.74		
8551.14	H	-32.71		
10260.79	H	-30.39		
Test mode:	LTE Band 4(1.4MHz)		Test channel:	Middle
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.56	Vertical	-36.93	-13.00	Pass
5197.95	V	-33.86		
6926.80	V	-36.14		
8659.42	V	-32.10		
10391.42	V	-30.33		
3464.16	Horizontal	-38.19	-13.00	Pass
5196.49	H	-36.01		
6926.79	H	-33.40		
8658.83	H	-33.16		
10393.95	H	-31.20		
Test mode:	LTE Band 4(1.4MHz)		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3508.85	Vertical	-38.24	-13.00	Pass
5263.83	V	-34.88		
7016.00	V	-36.14		
8769.55	V	-32.03		
10523.85	V	-31.70		
3509.97	Horizontal	-36.98	-13.00	Pass
5261.89	H	-37.51		
7017.93	H	-33.20		
8769.87	H	-31.22		
10526.73	H	-31.66		

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)		
1649.44	Vertical	-38.45	-13.00	Pass
2475.42	V	-34.49		
3300.67	V	-33.07		
4124.21	V	-33.46		
4948.91	V	-29.04		
1648.24	Horizontal	-39.51	-13.00	Pass
2475.15	H	-35.45		
3298.61	H	-33.81		
4123.63	H	-32.14		
4949.52	H	-29.90		
Test mode:	LTE Band 5(1.4MHz)		Test channel:	Middle
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1670.68	Vertical	-39.81	-13.00	Pass
2509.30	V	-34.51		
3345.88	V	-33.06		
4181.14	V	-31.45		
5017.14	V	-28.61		
1673.70	Horizontal	-36.65	-13.00	Pass
2509.13	H	-35.37		
3342.04	H	-33.54		
4179.93	H	-33.91		
5017.30	H	-30.10		
Test mode:	LTE Band 5(1.4MHz)		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1698.47	Vertical	-36.62	-13.00	Pass
2544.67	V	-36.04		
3394.71	V	-33.43		
4239.91	V	-34.08		
5088.21	V	-31.34		
1697.96	Horizontal	-36.99	-13.00	Pass
2545.67	H	-35.73		
3394.43	H	-33.77		
4240.04	H	-30.72		
5089.57	H	-31.49		

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)		
5005.32	Vertical	-38.17	-25.00	Pass
7507.01	V	-36.30		
10010.84	V	-34.10		
12512.63	V	-33.81		
15015.13	V	-29.62		
5005.97	Horizontal	-37.38	-25.00	Pass
7509.42	H	-34.58		
10009.27	H	-33.78		
12510.78	H	-32.68		
15014.51	H	-31.75		
Test mode:	LTE Band 7(5MHz)		Test channel:	Middle
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.83	Vertical	-37.66	-25.00	Pass
7604.74	V	-36.07		
10140.10	V	-34.84		
12675.15	V	-32.40		
15210.15	V	-29.60		
5070.78	Horizontal	-37.57	-25.00	Pass
7605.15	H	-36.35		
10141.07	H	-35.79		
12675.46	H	-30.88		
15209.74	H	-29.57		
Test mode:	LTE Band 7(5MHz)		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5136.58	Vertical	-36.91	-25.00	Pass
7702.99	V	-35.32		
10270.63	V	-34.31		
12838.28	V	-33.46		
15405.78	V	-28.97		
5133.15	Horizontal	-40.20	-25.00	Pass
7701.15	H	-37.85		
10269.97	H	-35.92		
12836.97	H	-31.98		
15405.49	H	-30.56		

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)		
1400.59	Vertical	-37.30	-13.00	Pass
2098.60	V	-36.31		
2796.81	V	-36.93		
3497.03	V	-30.96		
4196.73	V	-31.22		
1400.73	Horizontal	-37.02	-13.00	Pass
2099.32	H	-36.28		
2796.82	H	-35.14		
3499.66	H	-33.93		
4197.70	H	-28.87		
Test mode:	LTE Band 12(1.4MHz)		Test channel:	Middle
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1412.77	Vertical	-39.72	-13.00	Pass
2119.21	V	-37.60		
2829.47	V	-33.47		
3536.98	V	-33.30		
4243.98	V	-27.77		
1413.22	Horizontal	-39.13	-13.00	Pass
2121.38	H	-36.12		
2826.24	H	-35.59		
3536.73	H	-33.71		
4240.21	H	-28.30		
Test mode:	LTE Band 12(1.4MHz)		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1432.60	Vertical	-36.49	-13.00	Pass
2146.56	V	-35.15		
2860.17	V	-35.97		
3575.48	V	-33.55		
4290.78	V	-30.77		
1430.39	Horizontal	-38.56	-13.00	Pass
2146.70	H	-35.70		
2861.05	H	-33.23		
3576.56	H	-32.10		
4292.46	H	-29.97		

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 17(5MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1410.35	Vertical	-37.54	-13.00	Pass
2112.90	V	-37.01		
2819.09	V	-34.65		
3523.07	V	-34.04		
4227.77	V	-30.18		
1408.12	Horizontal	-39.63	-13.00	Pass
2114.78	H	-35.82		
2817.56	H	-33.41		
3522.61	H	-33.19		
4227.00	H	-30.92		
Test mode:	LTE Band 17(5MHz)		Test channel:	Middle
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1421.27	Vertical	-37.22	-13.00	Pass
2129.56	V	-36.25		
2838.86	V	-36.08		
3551.53	V	-33.21		
4261.53	V	-28.22		
1418.63	Horizontal	-39.72	-13.00	Pass
2128.85	H	-37.65		
2839.43	H	-36.10		
3550.40	H	-32.52		
4259.56	H	-29.63		
Test mode:	LTE Band 17(5MHz)		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1432.29	Vertical	-36.80	-13.00	Pass
2145.63	V	-36.08		
2862.58	V	-33.56		
3577.23	V	-31.85		
4292.53	V	-29.02		
1429.75	Horizontal	-39.20	-13.00	Pass
2146.01	H	-36.39		
2860.65	H	-35.20		
3575.85	H	-32.50		
4291.53	H	-30.68		

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 41(5MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
4995.37	Vertical	-40.12	-25.00	Pass
7493.50	V	-37.81		
9993.09	V	-35.85		
12491.02	V	-33.25		
14989.52	V	-31.23		
4995.21	Horizontal	-40.14	-25.00	Pass
7494.38	H	-37.62		
9994.69	H	-34.77		
12491.25	H	-31.26		
14989.00	H	-31.28		
Test mode:	LTE Band 41(5MHz)		Test channel:	Middle
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5169.49	Vertical	-39.00	-25.00	Pass
7756.57	V	-34.24		
10339.18	V	-35.76		
12924.45	V	-32.80		
15509.45	V	-30.30		
5171.62	Horizontal	-36.73	-25.00	Pass
7753.78	H	-37.72		
10340.37	H	-34.01		
12924.38	H	-31.58		
15511.57	H	-30.65		
Test mode:	LTE Band 41(5MHz)		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5121.20	Vertical	-37.29	-25.00	Pass
7681.21	V	-34.60		
10238.61	V	-36.33		
12798.68	V	-33.06		
15358.68	V	-31.07		
5119.39	Horizontal	-38.96	-25.00	Pass
7680.40	H	-36.10		
10241.94	H	-34.32		
12800.67	H	-30.01		
15361.21	H	-29.36		

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)		
3701.11	V	-38.80	-13.00	Pass
5551.84	V	-36.69		
7402.93	V	-35.95		
9253.69	V	-32.58		
11103.93	V	-30.40		
3701.46	H	-39.09	-13.00	Pass
5552.16	H	-36.86		
7402.58	H	-35.36		
9253.70	H	-33.03		
11104.17	H	-31.35		
Test mode:	LTE Band 2 (1.4MHz)		Test channel:	Middle
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3759.61	V	-38.61	-13.00	Pass
5639.61	V	-36.77		
7519.71	V	-35.84		
9399.88	V	-33.02		
11279.74	V	-30.14		
3760.19	H	-39.55	-13.00	Pass
5640.20	H	-36.73		
7519.79	H	-34.76		
9400.06	H	-32.43		
11280.02	H	-31.19		
Test mode:	LTE Band 2 (1.4MHz)		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3818.64	V	-39.48	-13.00	Pass
5727.95	V	-36.79		
7636.94	V	-36.21		
9546.53	V	-32.78		
11455.79	V	-30.64		
3818.63	H	-39.17	-13.00	Pass
5727.95	H	-37.07		
7636.88	H	-34.79		
9546.13	H	-32.48		
11455.57	H	-30.99		

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)		
3421.36	V	-38.51	-13.00	Pass
5131.97	V	-37.14		
6842.72	V	-36.10		
8553.65	V	-32.42		
10263.98	V	-30.82		
3421.36	H	-38.74	-13.00	Pass
5131.93	H	-36.95		
6842.49	H	-35.96		
8553.58	H	-33.14		
10264.11	H	-30.50		
Test mode:	LTE Band 4(1.4MHz)		Test channel:	Middle
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3465.15	V	-39.18	-13.00	Pass
5197.60	V	-36.56		
6929.82	V	-35.89		
8662.16	V	-32.34		
10394.77	V	-31.02		
3464.81	H	-38.22	-13.00	Pass
5197.19	H	-36.82		
6930.09	H	-36.25		
8662.21	H	-32.87		
10394.81	H	-30.02		
Test mode:	LTE Band 4(1.4MHz)		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3508.67	V	-39.34	-13.00	Pass
5263.05	V	-36.99		
7016.91	V	-35.63		
8771.22	V	-32.53		
10525.84	V	-31.02		
3508.41	H	-38.55	-13.00	Pass
5262.71	H	-37.01		
7017.15	H	-36.01		
8771.14	H	-32.63		
10525.51	H	-29.76		

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)		
1649.46	V	-45.01	-13.00	Pass
2473.86	V	-42.83		
3298.84	V	-40.23		
4123.35	V	-39.70		
4948.17	V	-39.42		
1649.51	H	-44.37	-13.00	Pass
2474.30	H	-43.65		
3298.42	H	-41.31		
4123.66	H	-40.78		
4947.84	H	-39.13		
Test mode:	LTE Band 5(1.4MHz)		Test channel:	Middle
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1673.19	V	-45.47	-13.00	Pass
2509.50	V	-42.77		
3346.12	V	-41.16		
4182.38	V	-40.46		
5018.75	V	-38.79		
1673.14	H	-44.68	-13.00	Pass
2509.68	H	-43.38		
3345.78	H	-40.79		
4182.38	H	-39.78		
5019.16	H	-38.99		
Test mode:	LTE Band 5(1.4MHz)		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
1696.49	V	-44.65	-13.00	Pass
2545.04	V	-43.10		
3393.19	V	-40.51		
4241.67	V	-39.44		
5089.64	V	-39.32		
1696.34	H	-44.99	-13.00	Pass
2544.94	H	-43.65		
3393.11	H	-41.51		
4241.60	H	-40.39		
5089.73	H	-38.66		

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)		
5005.09	V	-37.75	-25.00	Pass
7507.31	V	-34.29		
10009.74	V	-31.76		
12512.63	V	-31.42		
15014.94	V	-30.14		
5005.01	H	-37.96	-25.00	Pass
7507.27	H	-34.52		
10009.73	H	-32.90		
12512.65	H	-31.53		
15014.66	H	-30.63		
Test mode:	LTE Band 7(5MHz)		Test channel:	Middle
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5070.13	V	-38.07	-25.00	Pass
7605.11	V	-34.71		
10139.67	V	-32.59		
12674.62	V	-31.49		
15209.79	V	-30.02		
5070.06	H	-38.06	-25.00	Pass
7605.18	H	-34.53		
10139.85	H	-32.54		
12675.12	H	-31.43		
15210.13	H	-29.80		
Test mode:	LTE Band 7(5MHz)		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5135.18	V	-38.02	-25.00	Pass
7702.35	V	-34.13		
10269.66	V	-32.13		
12837.42	V	-32.41		
15404.96	V	-29.89		
5134.80	H	-38.05	-25.00	Pass
7702.16	H	-34.37		
10269.97	H	-32.55		
12837.29	H	-31.83		
15404.83	H	-29.79		

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)		
3701.41	V	-39.28	-13.00	Pass
5551.80	V	-37.36		
7402.91	V	-35.74		
9253.36	V	-33.05		
11103.93	V	-30.55		
3701.11	H	-39.11	-13.00	Pass
5551.88	H	-36.63		
7402.43	H	-35.79		
9253.27	H	-32.86		
11104.15	H	-30.22		
Test mode:	LTE Band 12 (1.4MHz)		Test channel:	Middle
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3759.97	V	-38.51	-13.00	Pass
5640.16	V	-36.77		
7520.15	V	-35.91		
9400.05	V	-33.09		
11280.16	V	-31.12		
3760.13	H	-39.21	-13.00	Pass
5639.70	H	-36.69		
7520.15	H	-35.57		
9399.83	H	-32.93		
11279.82	H	-29.82		
Test mode:	LTE Band 12 (1.4MHz)		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3818.66	V	-38.79	-13.00	Pass
5727.50	V	-36.64		
7637.16	V	-36.21		
9546.12	V	-32.38		
11455.77	V	-30.76		
3818.50	H	-39.40	-13.00	Pass
5727.53	H	-37.03		
7637.03	H	-35.30		
9546.40	H	-33.21		
11455.77	H	-30.15		

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)		
5004.83	V	-37.99	-13.00	Pass
7507.58	V	-34.16		
10009.87	V	-32.33		
12512.18	V	-32.11		
15014.69	V	-29.99		
5005.06	H	-37.76	-13.00	Pass
7507.27	H	-34.27		
10009.65	H	-32.16		
12512.69	H	-31.27		
15014.61	H	-30.35		
Test mode:	LTE Band 13(5MHz)		Test channel:	Middle
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5069.89	V	-38.14	-13.00	Pass
7604.74	V	-34.70		
10139.65	V	-32.70		
12674.92	V	-32.03		
15209.96	V	-29.80		
5069.70	H	-37.75	-13.00	Pass
7604.60	H	-33.92		
10139.87	H	-32.13		
12675.08	H	-31.93		
15209.61	H	-29.71		
Test mode:	LTE Band 13(5MHz)		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5135.14	V	-37.85	-13.00	Pass
7702.41	V	-34.60		
10270.09	V	-32.26		
12837.51	V	-31.21		
15405.19	V	-29.58		
5134.95	H	-38.15	-13.00	Pass
7702.12	H	-34.63		
10270.12	H	-32.40		
12837.64	H	-31.62		
15404.62	H	-30.00		

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 17(5MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5004.70	V	-37.88	-13.00	Pass
7507.62	V	-34.37		
10010.16	V	-32.28		
12512.40	V	-31.85		
15015.02	V	-30.11		
5004.79	H	-37.65	-13.00	Pass
7507.56	H	-34.46		
10009.73	H	-32.45		
12512.10	H	-31.51		
15014.64	H	-30.34		
Test mode:	LTE Band 17(5MHz)		Test channel:	Middle
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5069.62	V	-38.24	-13.00	Pass
7604.72	V	-34.81		
10140.08	V	-32.47		
12674.89	V	-32.00		
15209.93	V	-30.15		
5070.10	H	-37.94	-13.00	Pass
7604.84	H	-33.86		
10139.61	H	-32.25		
12674.77	H	-31.87		
15210.06	H	-29.59		
Test mode:	LTE Band 17(5MHz)		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
5135.19	V	-37.84	-13.00	Pass
7702.52	V	-34.35		
10269.69	V	-32.42		
12837.56	V	-31.14		
15404.80	V	-29.52		
5134.93	H	-38.11	-13.00	Pass
7702.19	H	-34.98		
10269.68	H	-32.18		
12837.70	H	-31.43		
15404.70	H	-30.16		

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
- 6 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 41 (5MHz)		Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3701.22	V	-39.31	-25.00	Pass
5551.86	V	-37.46		
7402.82	V	-35.53		
9253.35	V	-32.99		
11103.99	V	-30.98		
3701.22	H	-38.91	-25.00	Pass
5552.04	H	-37.12		
7402.77	H	-35.82		
9253.29	H	-32.77		
11104.29	H	-29.90		
Test mode:	LTE Band 41 (5MHz)		Test channel:	Middle
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3760.08	V	-38.63	-25.00	Pass
5640.13	V	-36.69		
7520.17	V	-35.59		
9400.12	V	-32.71		
11279.91	V	-30.94		
3759.75	H	-39.33	-25.00	Pass
5639.67	H	-36.96		
7519.64	H	-35.38		
9399.91	H	-32.93		
11279.68	H	-30.30		
Test mode:	LTE Band 41 (5MHz)		Test channel:	Highest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
3818.41	V	-38.80	-25.00	Pass
5728.05	V	-36.82		
7637.26	V	-35.54		
9546.41	V	-32.94		
11455.73	V	-30.60		
3818.69	H	-38.78	-25.00	Pass
5727.68	H	-36.93		
7637.23	H	-35.33		
9546.22	H	-32.84		
11455.85	H	-29.70		

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)
Test Method:	ANSI C63.26:2015
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

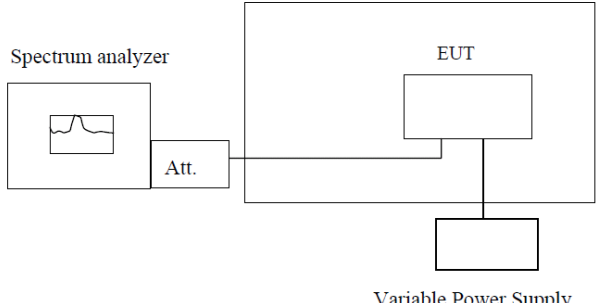
Measurement Data

Reference Frequency: LTE Band 2 Middle channel=18900 channel=1880MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.8	-20	15	0.0080	Within the authorized bands	Pass
	-10	24	0.0125		
	0	17	0.0092		
	10	15	0.0079		
	20	16	0.0084		
	30	-17	-0.0093		
	40	11	0.0058		
	50	3	0.0016		
	60	11	0.0057		
Reference Frequency: LTE Band 4 Middle channel=20175 channel=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.8	-20	11	0.0066	2.5	Pass
	-10	20	0.0115		
	0	15	0.0087		
	10	12	0.0068		
	20	28	0.0159		
	30	-20	-0.0115		
	40	16	0.0094		
	50	5	0.0029		
	60	11	0.0065		
Reference Frequency: LTE Band 5 Middle channel=20175 channel=836.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.8	-20	11	0.0134	2.5	Pass
	-10	22	0.0266		
	0	15	0.0176		
	10	0	-0.0002		
	20	32	0.0378		
	30	-19	-0.0221		
	40	14	0.0163		
	50	6	0.0076		
	60	11	0.0131		

Reference Frequency: LTE Band 7 Middle channel=21100 channel=2535MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.8	-20	19	0.0074	Within the authorized bands	Pass
	-10	24	0.0094		
	0	22	0.0089		
	10	3	0.0013		
	20	29	0.0114		
	30	-26	-0.0101		
	40	11	0.0043		
	50	0	0.0001		
	60	7	0.0027		
Reference Frequency: LTE Band 12 Middle channel=23095 channel=707.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.8	-20	14	0.0203	2.5	Pass
	-10	19	0.0264		
	0	19	0.0272		
	10	2	0.0028		
	20	24	0.0344		
	30	-25	-0.0348		
	40	19	0.0265		
	50	6	0.0088		
	60	10	0.0141		

Reference Frequency: LTE Band 17 Middle channel=23790 channel=710MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.8	-20	9	0.0134	2.5	Pass
	-10	20	0.0288		
	0	18	0.0250		
	10	15	0.0206		
	20	19	0.0262		
	30	-13	-0.0183		
	40	7	0.0100		
	50	8	0.0107		
	60	11	0.0157		
Reference Frequency: LTE Band 41 Middle channel=40620 channel=2593MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.8	-20	10	0.0040	Within the authorized bands	Pass
	-10	16	0.0063		
	0	11	0.0043		
	10	18	0.0070		
	20	28	0.0107		
	30	-13	-0.0049		
	40	13	0.0052		
	50	10	0.0038		
	60	22	0.0084		

4.11 Frequency stability V.S. Voltage measurement

Test Requirement:	FCC Part2.1055(d)(1)(2), FCC part90.213.(a), RSS-130 (4.5), RSS-132 (5.3), RSS-133 (6.3), RSS-139(6.4) and RSS-199(4.3)
Test Method:	ANSI C63.26:2015
Limit:	2.5ppm Band II & Band VII should be within authorized band.
Test setup:	Temperature Chamber  Variable Power Supply Note : Measurement setup for testing on Antenna connector
Test procedure:	1. Set chamber temperature to 25°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 3.23VDC, max voltage is 4.37VDC. 2. If all frequencies stability are comply with the lower limit, then all results can be considered qualified

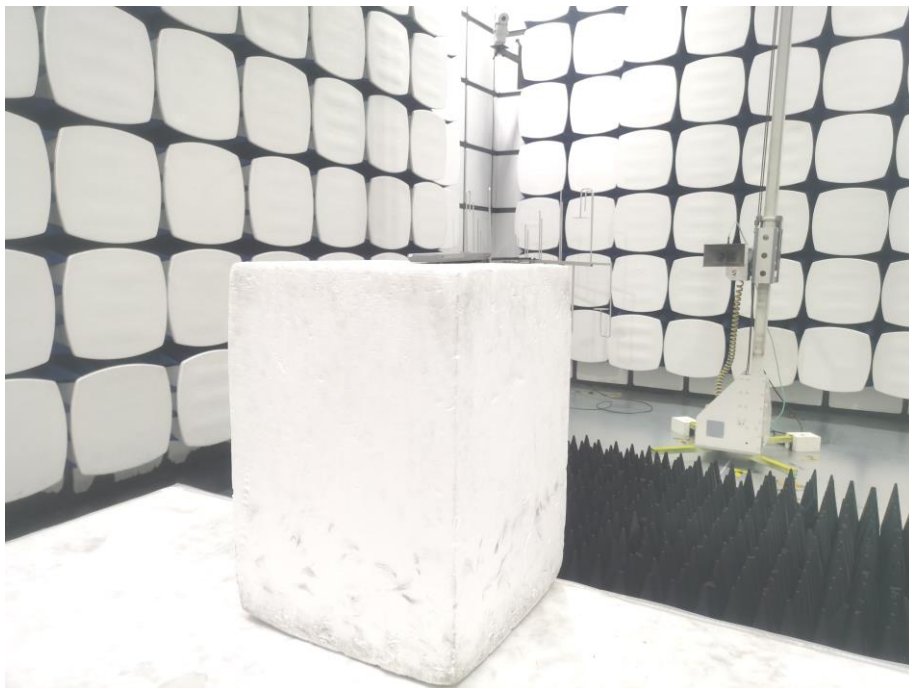
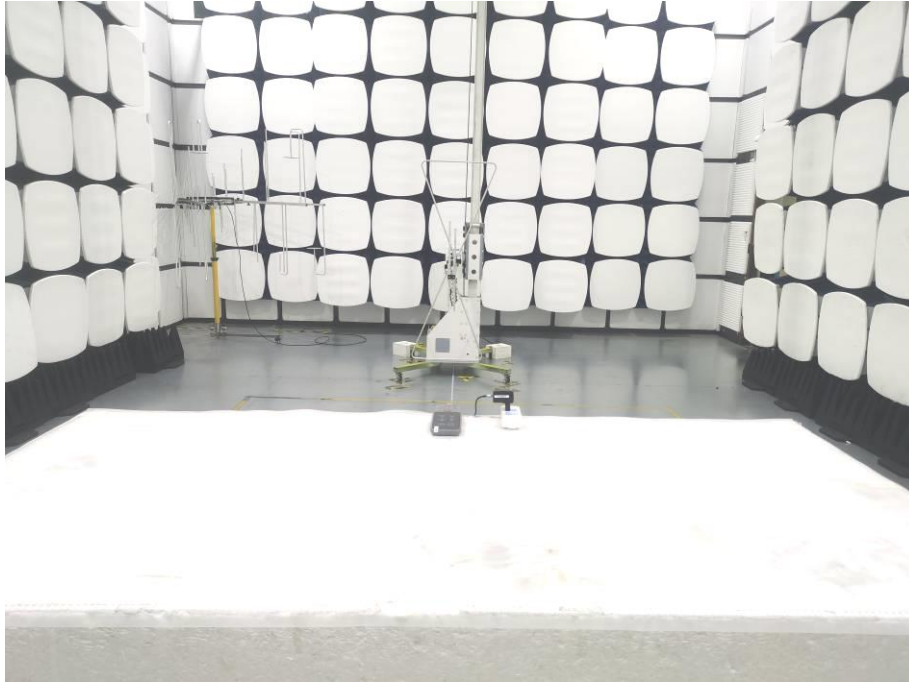
Measurement Data

Reference Frequency: LTE Band 2 Middle channel=18900 channel=1880MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	12	0.0063	within authorized band	Pass
	3.8	17	0.0092		
	3.23	19	0.0100		
Reference Frequency: LTE Band 4 Middle channel=20175 channel=1732.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	22	0.0124	2.5	Pass
	3.8	15	0.0086		
	3.23	12	0.0072		
Reference Frequency: LTE Band 5 Middle channel=20175 channel=836.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	22	0.0268	2.5	Pass
	3.8	13	0.0161		
	3.23	4	0.0049		
Reference Frequency: LTE Band 7 Middle channel=21100 channel=2535MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	21	0.0084	within authorized band	Pass
	3.8	16	0.0063		
	3.23	2	0.0006		

Reference Frequency: LTE Band 12 Middle channel=23095 channel=707.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	17	0.0237	within authorized band	Pass
	3.8	18	0.0249		
	3.23	0	-0.0004		
Reference Frequency: LTE Band 17 Middle channel=23790 channel=710MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	11	0.0154	2.5	Pass
	3.8	14	0.0204		
	3.23	13	0.0190		
Reference Frequency: LTE Band 41 Middle channel=40620 channel=2593MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	16	0.0060	2.5	Pass
	3.8	20	0.0075		
	3.23	10	0.0038		

4.12 Test Setup Photo

Radiated Emission



-----END OF REPORT-----