Annex C Test Results of Distortion and Noise

Sample Technique				2N Mounting Force				8N Mounting Force			
				AMR-NB 12.2Kbps		AMR-WB 23.85Kbps		AMR-NB 12.2Kbps		AMR-WB 23.85Kbps	
Air Interface	Radio Configuration	Channel	Nominal Center Frequency (Hz)	Distortion and Noise (dB)	Frequency Response	Distortion and Noise (dB)	Frequency Response	Distortion and Noise (dB)	Frequency Response	Distortion and Noise (dB)	Frequency Response
GSM850	GSM Voice	189	250		PASS	26.91	PASS		PASS	26.99	PASS
			315			25.30				25.38	
			400	32.79		31.90		32.75		31.86	
			500	32.94		32.05		33.26		32.37	
			630	34.29		33.40		34.42		33.53	
			800	33.83		32.94		34.09		33.20	
			1000	33.32		32.43		33.44		32.55	
			1250	36.91		36.02		37.02		36.13	
			1600	33.47		32.58		33.51		32.62	
			2000	35.06		34.17		35.23		34.34	
			2500	39.62		38.73		39.37		38.48	
			3150	42.98		42.09		42.75		41.86	
			4000			31.34				31.07	
			5000			30.04				29.77	
GSM1900	GSM Voice	661	250		PASS	26.00	PASS		PASS	27.05	PASS
			315			25.07				25.15	
			400	32.87		32.22		32.99		32.34	
			500	33.19		32.54		33.37		32.72	
			630	34.94		34.29		35.01		34.36	
			800	34.36		33.71		34.53		33.88	
			1000	33.91		33.26		34.06		33.41	
			1250	37.06		36.41		37.15		36.50	
			1600	33.87		33.22		34.04		33.39	
			2000	35.49		34.84		35.38		34.73	
			2500	39.89		39.24		39.72		39.07	
			3150	43.12		42.47		43.07		42.42	
			4000			31.11				30.84	
			5000			29.81				29.54	
WCDMA II	AMR 12.2Kbps	9400	250		PASS	26.77	PASS		PASS	26.85	PASS
			315			25.16				25.24	
			400	33.13		32.45		33.01		32.33	
			500	34.21		33.53		33.97		33.29	
			630	35.16		34.48		35.22		34.54	
			800	34.82		34.14		34.69		34.01	
			1000	34.24		33.56		34.21		33.53	
			1250	37.17		36.49		37.24		36.56	
			1600	33.95		33.27		33.88		33.20	
			2000	35.32		34.64		35.45		34.77	
			2500	39.76		39.08		39.83		39.15	
			3150	43.22		42.54		43.13		42.45	
			4000			31.20				30.93	
			5000			29.90				29.63	
WCDMA V	AMR 12.2Kbps	4182	250		PASS	28.17	PASS		PASS	28.25	PASS
			315			26.56				26.64	
			400	32.89		32.52		33.06		32.77	
			500	33.38		33.01		33.49		33.20	
			630	34.83		34.46		34.90		34.61	
			800	33.98		33.61		33.85		33.56	
			1000	33.75		33.38		33.59		33.30	
			1250	36.79		36.42		36.96		36.67	
			1600	33.67		33.30		33.71		33.42	
			2000	35.01		34.64		35.13		34.84	
			2500	39.36		38.99		39.44		39.15	
			3150	42.88		42.51		43.02		42.73	
			4000			32.60				32.33	
			5000			31.30				31.03	
LTE Band 2	QPSK / 20M / 1RB 0offset	18900	250		PASS	28.89	PASS		PASS	28.54	PASS
			315			27.28				26.93	
			400	30.80		30.58		32.23		31.88	
			500	30.99		30.77		32.06		31.71	
			630	30.13		29.91		34.13		33.78	
			800	28.66		28.44		28.89		28.54	
			1000	31.11		30.89		32.67		32.32	
			1250	29.51		29.29		30.28		29.93	
			1600	29.64		29.42		30.33		29.98	
			2000	36.43		39.61		37.06		36.71	
			2500	39.59		39.37		41.36		41.01	
			3150	30.63		30.41		36.71		36.36	
			4000			32.97				32.62	
			5000			31.67				31.32	
LTE Band 5	QPSK / 10M / 1RB 0offset	20525	250		PASS	27.83	PASS		PASS	27.91	PASS
			315			26.22				26.30	
			400	29.91		32.18		31.14		32.43	
			500	31.74		32.67		32.97		32.86	
			630	31.32		34.12		32.55		34.27	
			800	27.96		33.27		29.19		33.22	
			1000	27.99		33.04		29.22		32.96	
			1250	29.32		36.08		30.55		36.33	
			1600	30.41		32.96		31.64		33.08	
			2000	37.20		34.30		38.43		34.50	
			2500	39.36		38.65		40.59		38.81	
			3150	29.94		42.17		31.17		42.39	

			4000			32.26				31.99	
			5000			30.96				30.69	
LTE Band 7	QPSK / 20M / 1RB 0offset	21100	250		PASS	26.54	PASS		PASS	26.62	PASS
			315			24.93				25.01	
			400	28.62		30.89		29.85		31.14	
			500	30.45		31.38		31.68		31.57	
			630	30.03		32.83		31.26		32.98	
			800	26.67		31.98		27.90		31.93	
			1000	26.70		31.75		27.93		31.67	
			1250	28.03		34.79		29.26		35.04	
			1600	29.12		31.67		30.35		31.79	
			2000	35.91		33.01		37.14		33.21	
			2500	38.07		37.36		39.30		37.52	
			3150	28.65		40.88		29.88		41.10	
			4000			30.97				30.70	
			5000			29.67				29.40	
LTE Band 12/17	QPSK / 10M / 1RB 0offset	23095	250		PASS	26.78	PASS		PASS	26.86	PASS
			315			25.17				25.25	
			400	28.86		31.13		30.09		31.38	
			500	30.69		31.62		31.92		31.81	
			630	30.27		33.07		31.50		33.22	
			800	26.91		32.22		28.14		32.17	
			1000	26.94		31.99		28.17		31.91	
			1250	28.27		35.03		29.50		35.28	
			1600	29.36		31.91		30.59		32.03	
			2000	36.15		33.25		37.38		33.45	
			2500	38.31		37.60		39.54		37.76	
			3150	28.89		41.12		30.12		41.34	
			4000			31.21				30.94	
			5000			29.91				29.64	
LTE Band 66/4	QPSK / 20M / 1RB 0offset	132322	250		PASS	28.52	PASS		PASS	28.60	PASS
			315			26.91				26.99	
			400	29.78		32.87		31.92		33.12	
			500	31.61		33.36		33.75		33.55	
			630	31.19		34.81		33.33		34.96	
			800	27.83		33.96		29.97		33.91	
			1000	27.86		33.73		30.00		33.65	
			1250	29.19		36.77		31.33		37.02	
			1600	30.28		33.65		32.42		33.77	
			2000	37.07		34.99		39.21		35.19	
			2500	39.23		39.34		41.37		39.50	
			3150	29.81		42.86		31.95		43.08	
			4000			32.95				32.68	
			5000			31.65				31.38	
LTE Band 71	QPSK / 20M / 1RB 0offset	133322	250		PASS	28.28	PASS		PASS	28.36	PASS
			315			26.67				26.75	
			400	37.69		32.63		31.35		32.88	
			500	39.52		33.12		33.18		33.31	
			630	39.10		34.57		32.76		34.72	
			800	35.74		33.72		29.40		33.67	
			1000	35.77		33.49		29.43		33.41	
			1250	37.10		36.53		30.76		36.78	
			1600	38.19		33.41		31.85		33.53	
			2000	41.09		34.75		38.64		34.95	
			2500	40.23		39.10		40.80		39.26	
			3150	37.72		42.62		31.38		42.84	
			4000			32.71				32.44	
			5000			31.41				31.23	