Annex C Test Results Data 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	Modulation / Mode	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
GSM 850	GSM Voice	189	250		PASS	38.70	PASS		PASS	39.78	PASS
			315			40.75				41.83	
			400	40.54		40.35		41.62		41.43	
			500	40.05		39.86		41.13		40.94	
			630	41.95		41.76		43.03		42.84	
			800	39.78		39.59		40.86		40.67	
			1000	37.44		37.25		38.52		38.33	
			1250	**35.68**		**35.49**		**36.76**		**36.57**	
			1600	37.84		37.65		38.92		38.73	
			2000	38.19		38.00		39.27		39.08	
			2500	40.04		39.85		41.12		40.93	
			3150	39.15		39.02		40.23		40.10	
			4000			38.23				39.31	
			5000			40.04				41.12	
GSM 1900	GSM Voice	661	250		PASS	38.59	PASS		PASS	39.67	PASS
			315			40.64				41.72	
			400	40.05		40.24		41.13		41.32	
			500	39.56		39.75		40.64		40.83	
			630	41.46		41.65		42.54		42.73	
			800	39.29		39.48		40.37		40.56	
			1000	36.95		37.14		38.03		38.22	
			1250	**35.19**		**35.38**		**36.27**		**36.46**	
			1600	37.35		37.54		38.43		38.62	
			2000	37.70		37.89		38.78		38.97	
			2500	39.55		39.74		40.63		40.82	
			3150	38.42		38.91		39.50		39.99	
			4000			38.12				39.20	
			5000			39.93				41.01	
WCDMA II	AMR 12.2Kbps	9400	250		PASS	38.82	PASS		PASS	40.05	PASS
			315			40.87				42.10	
			400	40.80		40.47		42.03		41.70	
			500	40.31		39.98		41.54		41.21	
			630	42.21		41.88		43.44		43.11	
			800	40.04		39.71		41.27		40.94	
			1000	37.70		37.37		38.93		38.60	
			1250	**35.94**		**35.61**		**37.17**		**36.84**	
			1600	38.10		37.77		39.33		39.00	
			2000	38.45		38.12		39.68		39.35	
			2500	40.30		39.97		41.53		41.20	
			3150	39.17		39.14		40.40		40.37	
			4000			38.35				39.58	
			5000			40.16				41.39	
WCDMA IV	AMR 12.2Kbps	1413	250		PASS	38.36	PASS		PASS	39.61	PASS
			315			40.41				41.66	
			400	40.69		40.01		41.94		41.26	
			500	40.20		39.52		41.45		40.77	
			630	42.10		41.42		43.35		42.67	
			800	39.93		39.25		41.18		40.50	
			1000	37.59		36.91		38.84		38.16	
			1250	**35.83**		**35.15**		**37.08**		**36.40**	
			1600	37.99		37.31		39.24		38.56	
			2000	38.34		37.66		39.59		38.91	
			2500	40.19		39.51		41.44		40.76	
			3150	39.06		38.68		40.31		39.93	
			4000			37.89				39.14	
			5000			39.70				40.95	
WCDMA V	AMR 12.2Kbps	4182	250		PASS	37.32	PASS		PASS	39.35	PASS
			315			39.37				41.40	
			400	39.65		38.97		41.68		41.00	
			500	39.16		38.48		41.19		40.51	
			630	41.06		40.38		43.09		42.41	
			800	38.89		38.21		40.92		40.24	
			1000	36.55		35.87		38.58		37.90	
			1250	**34.79**		**34.11**		**36.82**		**36.14**	
			1600	36.95		36.27		38.98		38.30	
			2000	37.30		36.62		39.33		38.65	
			2500	39.15		38.47		41.18		40.50	
			3150	38.02		37.64		40.05		39.67	
			4000			36.85				38.88	
			5000			38.66				40.69	
LTE Band 2	QPSK / 20M / 1RB 0offset	18900	250		PASS	46.94	PASS		PASS	47.98	PASS
			315			40.40				41.14	
			400	39.30		40.29		41.20		41.31	
			500	40.94		41.93		42.84		42.80	
			630	40.03		41.02		41.93		41.69	
			800	40.46		40.74		40.62		41.88	
			1000	40.88		40.78		41.73		41.70	
			1250	**37.41**		**37.36**		**37.65**		**37.58**	
			1600	38.56		37.79		38.21		38.06	
			2000	45.00		45.37		44.86		44.71	
			2500	45.73		45.99		45.75		45.86	
			3150	39.04		39.03		39.08		39.21	
			4000			44.08				44.90	
			5000			43.90				43.99	
LTE Band 4	QPSK / 20M / 1RB 0offset	20175	250		PASS	46.40	PASS		PASS	48.52	PASS
			315			39.86				41.68	
			400	39.84		39.75		41.74		41.85	
			500	41.48		41.39		43.38		43.34	
			630	40.57		40.48		42.47		42.23	
			800	41.00		40.20		41.16		42.42	
			1000	41.42		40.24		42.27		42.24	
			1250	**37.95**		**36.82**		**38.19**		**38.12**	
			1600	39.10		37.25		38.75		38.60	
			2000	45.54		44.83		45.40		45.25	
			2500	46.27		45.45		46.29		46.40	
			3150	39.58		38.49		39.62		39.75	
			4000			43.54				45.44	
			5000			43.36				44.53	
LTE Band 5	QPSK / 10M / 1RB 0offset	20525	250		PASS	45.87	PASS		PASS	47.99	PASS
			315			39.33				41.15	
			400	39.31		39.22		41.21		41.32	
			500	40.95		40.86		42.85		42.81	
			630	40.04		39.95		41.94		41.70	
			800	40.47		39.67		40.63		41.89	
			1000	40.89		39.71		41.74		41.71	
			1250	**37.42**		**36.29**		**37.66**		**37.59**	
			1600	38.57		36.72		38.22		38.07	
			2000	45.01		44.30		44.87		44.72	
			2500	45.74		44.92		45.76		45.87	
			3150	39.05		37.96		39.09		39.22	
			4000			43.01				44.91	

			5000			42.83				44.00	
LTE Band 12	QPSK / 10M / 1RB 0offset	23095	250		PASS	44.78	PASS		PASS	46.90	PASS
			315			38.24				40.06	
			400	37.35		38.13		40.12		40.23	
			500	38.99		39.77		41.76		41.72	
			630	38.08		38.86		40.85		40.61	
			800	38.51		38.58		39.54		40.80	
			1000	38.93		38.62		40.65		40.62	
			1250	**35.46**		**35.20**		**36.57**		**36.50**	
			1600	36.61		35.63		37.13		36.98	
			2000	43.05		43.21		43.78		43.63	
			2500	43.78		43.83		44.67		44.78	
			3150	37.09		36.87		38.00		38.13	
			4000			41.92				43.82	
			5000			41.74				42.91	
LTE Band 13	QPSK / 10M / 1RB 0offset	23230	250		PASS	43.91	PASS		PASS	46.03	PASS
			315			37.37				39.19	
			400	38.22		37.26		39.25		39.36	
			500	39.86		38.90		40.89		40.85	
			630	38.95		37.99		39.98		39.74	
			800	39.38		37.71		38.67		39.93	
			1000	39.80		37.75		39.78		39.75	
			1250	**36.33**		**34.33**		**35.70**		**35.63**	
			1600	37.48		34.76		36.26		36.11	
			2000	43.92		42.34		42.91		42.76	
			2500	44.65		42.96		43.80		43.91	
			3150	37.96		36.00		37.13		37.26	
			4000			41.05				42.95	
			5000			40.87				42.04	
LTE Band 66	QPSK / 20M / 1RB 0offset	132322	250		PASS	46.63	PASS		PASS	48.75	PASS
			315			40.09				41.91	
			400	40.07		39.98		41.97		42.08	
			500	41.71		41.62		43.61		43.57	
			630	40.80		40.71		42.70		42.46	
			800	41.23		40.43		41.39		42.65	
			1000	41.65		40.47		42.50		42.47	
			1250	**38.18**		**37.05**		**38.42**		**38.35**	
			1600	39.33		37.48		38.98		38.83	
			2000	45.77		45.06		45.63		45.48	
			2500	46.50		45.68		46.52		46.63	
			3150	39.81		38.72		39.85		39.98	
			4000			43.77				45.67	
			5000			43.59				44.76	
WLAN 2.4GHz	802.11g 6Mbps	6	250		PASS	40.22	PASS		PASS	41.85	PASS
			315			39.40				41.26	
			400	43.46		43.54		45.71		45.62	
			500	44.26		44.34		46.51		46.33	
			630	39.86		39.97		42.16		42.02	
			800	42.59		42.62		44.95		44.88	
			1000	42.98		43.00		45.23		45.09	
			1250	**37.93**		**38.03**		**39.97**		**39.84**	
			1600	41.48		41.54		43.60		43.47	
			2000	39.83		39.96		42.18		42.05	
			2500	40.36		40.50		42.69		42.57	
			3150	43.53		43.69		45.94		45.88	
			4000			39.90				42.03	
			5000			39.05				40.96	
WLAN 5.2GHz	802.11a 6Mbps	44	250		PASS	39.58	PASS		PASS	42.05	PASS
			315			**36.53**				**39.02**	
			400	**36.92**		36.76		**39.76**		39.69	
			500	43.62		43.56		46.23		46.11	
			630	39.15		39.05		42.00		41.86	
			800	42.04		41.98		44.82		44.65	
			1000	42.58		42.52		45.09		44.84	
			1250	37.47		37.35		39.86		39.60	
			1600	40.90		40.71		43.25		42.97	
			2000	39.53		39.46		41.98		41.85	
			2500	39.81		39.67		42.34		42.12	
			3150	43.09		42.92		45.69		45.38	
			4000			39.20				41.86	
			5000			38.49				40.79	
WLAN 5.3GHz	802.11a 6Mbps	60	250		PASS	40.09	PASS		PASS	42.33	PASS
			315			**36.98**				39.15	
			400	37.71		37.65		39.90		39.82	
			500	43.59		43.44		45.37		45.26	
			630	40.46		40.38		42.69		42.58	
			800	41.05		40.97		42.71		42.57	
			1000	41.58		41.53		43.62		43.49	
			1250	**37.53**		37.36		**39.14**		**39.10**	
			1600	40.51		40.29		42.44		42.37	
			2000	42.72		42.60		44.35		44.21	
			2500	40.90		40.82		43.28		43.15	
			3150	44.20		44.08		46.37		46.22	
			4000			46.63				48.75	
			5000			40.05				42.17	
WLAN 5.5GHz	802.11a 6Mbps	120	250		PASS	40.18	PASS		PASS	42.37	PASS
			315			**37.20**				39.41	
			400	37.95		37.88		40.15		40.03	
			500	43.62		43.53		45.29		45.18	
			630	40.39		40.29		42.73		42.55	
			800	41.13		41.02		42.84		42.60	
			1000	41.64		41.45		43.55		43.38	
			1250	**37.42**		37.26		**39.26**		**39.20**	
			1600	40.59		40.37		42.39		42.31	
			2000	42.68		42.63		44.51		44.47	
			2500	41.06		40.97		43.35		43.26	
			3150	44.33		44.28		46.53		46.46	
			4000			46.82				48.83	
			5000			40.24				42.30	
WLAN 5.8GHz	802.11a 6Mbps	157	250		PASS	40.11	PASS		PASS	42.43	PASS
			315			**37.15**				39.52	
			400	37.89		37.85		39.78		39.72	
			500	43.40		43.24		45.40		45.29	
			630	40.39		40.26		45.53		45.38	
			800	41.31		40.27		42.41		42.27	
			1000	41.48		41.33		43.52		43.39	
			1250	**37.60**		37.56		**39.22**		**39.17**	
			1600	40.64		40.59		42.38		42.27	
			2000	42.55		42.41		44.43		44.41	
			2500	40.83		40.77		43.58		43.45	
			3150	44.40		44.38		46.47		46.32	
			4000			46.71				48.95	
			5000			40.33				42.41	