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
GSM 1900	GSM Voice	661	250		PASS	35.13	PASS		PASS	41.22	PASS
			315			33.32				38.02	
			400	35.02		36.15		40.02		40.85	
			500	34.05		34.91		38.65		39.81	
			630	43.60		43.93		48.60		49.43	
			800	33.93		34.74		39.33		40.34	
			1000	35.92		36.18		40.82		41.98	
			1250	33.06		34.68		38.26		39.38	
			1600	33.55		33.62		38.15		39.22	
			2000	38.43		38.11		44.33		43.41	
			2500	41.63		40.91		46.93		46.11	
			3150	43.26		42.12		47.26		46.35	
			4000			41.79				47.83	
			5000			36.77				41.30	
LTE Band 2	QPSK / 20M / 1RB 0offset	18900	250		PASS	36.89	PASS		PASS	41.79	PASS
			315			32.45				37.95	
			400	34.91		35.88		40.11		41.28	
			500	33.44		34.54		38.84		40.04	
			630	42.72		44.33		48.72		49.63	
			800	35.81		36.23		40.51		41.53	
			1000	35.58		36.75		40.58		41.35	
			1250	34.57		35.25		39.47		40.15	
			1600	33.68		34.46		38.38		39.18	
			2000	38.10		37.77		44.10		43.17	
			2500	40.96		39.58		46.46		45.48	
			3150	44.15		43.18		48.15		47.18	
			4000			40.45				47.37	
			5000			37.39				43.14	
LTE Band 5	QPSK / 10M / 1RB 0offset	20525	250		PASS	38.21	PASS		PASS	42.81	PASS
			315			32.98				38.38	
			400	34.78		34.68		39.48		40.58	
			500	34.80		34.01		39.30		39.51	
			630	45.31		45.86		49.91		50.86	
			800	33.65		35.80		39.65		40.70	
			1000	35.24		36.95		40.34		41.45	
			1250	32.63		33.77		38.03		39.07	
			1600	33.00		34.26		38.60		39.46	
			2000	40.05		39.93		45.65		44.73	
			2500	41.57		40.64		46.97		45.74	
			3150	44.31		43.32		48.32		47.82	
			4000			41.56				48.41	
			5000			37.28				41.55	
LTE Band 7	QPSK / 20M / 1RB 0offset	21100	250		PASS	35.56	PASS		PASS	41.26	PASS
			315			32.90				37.90	
			400	33.36		34.77		38.46		39.77	
			500	32.85		34.57		38.55		39.37	
			630	43.40		45.50		49.30		50.20	
			800	35.48		36.58		40.58		41.98	
			1000	37.86		37.42		42.56		43.32	
			1250	35.31		37.17		41.11		42.27	
			1600	33.68		33.97		38.88		39.67	
			2000	38.31		38.59		44.11		43.09	
			2500	41.75		41.86		47.65		46.86	
			3150	43.58		42.96		47.73		46.55	
			4000			42.36				48.65	
			5000			37.22				42.63	
LTE Band 12	QPSK / 10M / 1RB 0offset	23095	250		PASS	37.20	PASS		PASS	42.90	PASS
			315			33.01				38.51	
			400	34.81		36.03		39.81		40.93	
			500	34.32		33.94		39.22		39.44	
			630	44.36		44.95		49.56		50.75	
			800	34.05		35.93		40.05		41.13	
			1000	35.24		36.48		40.14		41.58	
			1250	34.02		36.18		39.22		41.18	
			1600	33.33		33.57		38.33		39.47	
			2000	40.08		39.45		45.58		44.55	
			2500	40.95		39.34		46.35		45.24	
			3150	42.64		41.97		46.64		45.85	
			4000			41.97				48.17	
			5000			36.77				41.34	
LTE Band 66	QPSK / 20M / 1RB 0offset	132322	250		PASS	37.50	PASS		PASS	42.30	PASS
			315			34.08				39.38	
			400	34.25		35.46		40.05		41.16	
			500	31.58		32.74		37.58		38.64	
			630	42.96		45.07		48.96		49.77	
			800	35.68		35.93		40.28		41.13	
			1000	36.08		38.01		41.98		42.91	
			1250	34.15		35.80		39.55		40.60	
			1600	34.35		37.11		40.25		41.61	
			2000	38.75		37.97		44.65		43.57	
			2500	42.91		41.47		47.51		46.97	
			3150	41.82		41.87		47.02		47.55	
			4000			41.98				48.11	
			5000			36.88				41.26	
LTE Band 71	QPSK / 20M / 1RB 0offset	133322	250		PASS	36.62	PASS		PASS	41.92	PASS
			315			34.21				39.81	
			400	34.13		35.39		39.53		40.59	
			500	31.79		32.28		37.29		38.18	
			630	43.90		44.31		48.70		49.81	
			800	35.07		34.85		39.67		40.55	
			1000	35.31		35.62		40.41		41.52	
			1250	34.53		35.26		40.03		41.06	
			1600	34.10		35.43		39.30		40.23	
			2000	40.31		39.02		45.71		44.92	
			2500	41.09		40.23		46.69		45.73	
			3150	41.85		41.01		46.55		47.12	
			4000			42.25				48.15	
			5000			36.95				42.03	
WLAN 2.4GHz	802.11b	6	250		PASS	37.44	PASS		PASS	42.94	PASS
			315			34.67				39.37	
			400	33.35		33.99		38.65		39.49	
			500	33.35		33.68		37.95		39.38	
			630	43.13		43.21		47.73		48.61	
			800	34.25		32.70		39.05		38.20	
			1000	34.21		37.68		40.01		42.58	
			1250	34.04		33.80		38.64		39.50	
			1600	34.19		35.24		38.89		39.74	
			2000	35.93		34.98		40.73		39.58	
			2500	39.96		38.33		44.86		43.53	
			3150	40.49		41.56		46.49		47.66	
			4000			42.52				48.86	
			5000			37.25				41.87	
WLAN 5.2GHz	802.11a	40	250		PASS	36.16	PASS		PASS	42.16	PASS
			315			33.04				38.64	
			400	31.80		33.13		37.60		38.83	
			500	33.17		35.44		38.87		40.04	
			630	41.89		43.36		47.09		47.86	
			800	34.34		32.68		38.94		37.88	
			1000	34.82		35.03		40.52		41.03	
			1250	32.85		33.13		37.95		38.83	
			1600	34.28		34.43		39.28		40.03	
			2000	35.50		32.99		40.20		38.89	
			2500	39.99		40.03		44.89		45.43	
			3150	41.05		42.00		46.05		47.52	
			4000			42.67				49.32	
			5000			37.72				42.34	
WLAN 5.3GHz	802.11a	56	250		PASS	38.35	PASS		PASS	43.55	PASS
			315			33.99				38.69	
			400	33.83		34.79		38.53		38.69	
			500	32.84		34.45		38.74		39.75	
			630	41.75		42.90		46.45		47.80	
			800	33.42		31.87		38.72		37.87	
			1000	34.03		35.22		39.03		40.72	
			1250	33.23		33.66		38.03		38.06	
			1600	34.87		35.78		40.77		41.28	
			2000	35.97		33.95		40.77		38.55	
			2500	39.75		39.62		44.95		45.32	
			3150	40.98		41.69		46.95		47.69	
			4000			42.80				48.43	
			5000			37.69				42.22	
WLAN 5.5GHz	802.11a	120	250		PASS	36.75	PASS		PASS	42.15	PASS
			315			33.75				39.35	
			400	33.06		34.38		38.26		39.18	
			500	32.10		33.36		37.90		38.86	
			630	42.51		42.94		47.01		48.04	
			800	33.17		30.88		37.97		36.88	
			1000	34.86		36.05		40.16		41.35	
			1250	34.16		34.46		38.96		39.66	
			1600	33.24		35.30		39.24		40.90	
			2000	36.33		34.02		41.03		39.32	
			2500	38.47		39.71		44.47		45.21	
			3150	39.98		40.97		44.98		45.97	
			4000			41.96				47.90	
			5000			37.18				41.28	
WLAN 5.8GHz	802.11a	157	250		PASS	37.41	PASS		PASS	42.51	PASS
			315			35.08				39.68	
			400	33.16		33.83		38.06		38.93	
			500	33.31		33.31		37.81		39.01	
			630	42.48		43.08		46.98		48.08	
			800	33.11		31.96		38.01		37.26	
			1000	34.16		35.71		39.96		41.21	
			1250	33.96		33.48		38.86		39.18	
			1600	33.84		34.48		38.34		39.78	
			2000	35.68		33.69		40.78		38.79	
			2500	39.16		40.39		44.16		45.29	
			3150	39.96		40.60		45.96		46.77	
			4000			41.58				47.75	
			5000			37.35				41.71	