



REPORT No.: SZ24020075S02

Annex C Test Results of Distortion and Noise

Sample Technique			2N Mounting Force				8N Mounting Force				
Air Interface	Modulation / Mode	Channel	Nominal Center Frequency (Hz)	AMR-NB 12.2Kbps		AMR-WB 23.85Kbps		AMR-NB 12.2Kbps		AMR-WB 23.85Kbps	
				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			43.52					44.89
			315			41.84					43.15
			400	43.26		43.23		44.91		44.88	
			500	44.75		44.52		46.17		46.07	
			630	46.17		46.08		47.82		47.65	
			800	46.58		46.44		48.14		48.03	
			1000	46.40	PASS	46.29	PASS	47.95	PASS	47.79	
			1250	48.15		48.04		49.47		49.36	
			1600	46.33		46.21		48.26		48.15	
			2000	45.37		45.19		46.38		46.18	
			2500	49.74		49.52		50.64		50.57	
			3150	49.31		49.02		50.53		50.42	
			4000			54.77				56.14	
			5000			52.18				53.48	
GSM 1900	GSM Voice	661	250			43.28					44.16
			315			41.66				42.97	
			400	43.74		43.63		45.15		45.11	
			500	44.52		44.43		45.94		45.76	
			630	46.37		46.15		48.03		47.95	
			800	46.62		46.56		48.22		48.09	
			1000	46.59	PASS	46.41	PASS	48.16	PASS	48.02	
			1250	48.36		48.23		49.37		49.25	
			1600	46.94		46.81		48.40		48.28	
			2000	44.55		44.59		46.24		46.13	
			2500	49.81		49.72		50.96		50.73	
			3150	49.39		49.15		50.72		50.59	
			4000			55.24				56.31	
			5000			52.37				53.69	
WCDMA II	AMR 12.2Kbps	9400	250			46.38					45.17
			315			41.42				42.33	
			400	42.30		39.93		40.39		40.24	
			500	42.86		43.81		43.16		42.39	
			630	45.36		44.32		44.28		45.19	
			800	43.05		44.97		44.35		43.29	
			1000	42.59	PASS	41.72	PASS	40.17	PASS	42.09	
			1250	39.78		40.40		43.54		41.11	
			1600	44.25		42.95		41.38		42.36	
			2000	40.87		38.25		42.59		40.15	
			2500	47.90		49.43		46.87		46.26	
			3150	50.03		50.13		48.42		48.37	
			4000			52.15				50.59	
			5000			37.88				42.63	
WCDMA IV	AMR 12.2Kbps	1413	250			43.48					44.08
			315			42.61				43.26	
			400	45.57		43.22		42.31		44.12	
			500	44.74		46.38		41.47		45.29	
			630	43.15		45.29		42.39		43.26	
			800	43.57		43.02		44.24		41.19	
			1000	43.38	PASS	45.46	PASS	45.18	PASS	42.53	
			1250	40.03		40.15		41.26		41.06	
			1600	41.50		39.48		42.33		40.45	
			2000	42.34		38.88		43.71		40.08	
			2500	46.99		50.34		45.29		45.69	
			3150	49.60		49.23		48.83		47.21	
			4000			51.45				50.37	
			5000			37.53				39.66	
WCDMA V	AMR 12.2Kbps	4182	250			44.25					45.10
			315			40.23				41.13	
			400	43.34		42.99		44.29		42.15	
			500	45.61		43.38		46.18		42.93	
			630	46.97		45.92		42.33		44.27	
			800	47.55		45.60		45.45		43.52	
			1000	44.17	PASS	43.96	PASS	46.23	PASS	44.26	
			1250	38.86		40.48		40.12		41.26	
			1600	42.87		41.38		41.06		42.27	
			2000	42.21		43.62		43.71		48.62	
			2500	47.96		50.09		45.86		48.29	
			3150	48.87		49.72		45.81		47.36	
			4000			52.38				48.24	
			5000			37.58				44.31	
LTE Band 12	QPSK / 10M / 1RB Offset	23095	250			43.39					44.85
			315			46.72				47.90	
			400	45.59		45.24		47.67		47.32	
			500	44.26		44.17		46.25		46.11	
			630	45.18		45.06		47.18		47.04	
			800	46.51		46.38		47.92		47.66	
			1000	48.29	PASS	48.15	PASS	50.43	PASS	50.36	
			1250	49.26		49.22		50.85		50.74	
			1600	51.62		51.50		52.93		52.81	
			2000	49.42		49.28		51.17		51.02	
			2500	54.41		54.28		55.73		55.62	
			3150	57.69		57.44		58.25		58.09	
			4000			56.20				57.11	
			5000			55.84				56.74	
LTE Band 25	QPSK / 20M / 1RB Offset	26365	250			43.43					44.92
			315			46.77				47.89	
			400	44.13		44.26		46.53		46.42	
			500	44.58		45.36		46.82		46.75	
			630	45.60		49.92		46.93		46.69	
			800	48.08		48.11		49.41		49.33	
			1000	48.15	PASS	48.26	PASS	50.61	PASS	50.49	
			1250	50.26		50.14		51.42		51.28	
			1600	53.37		53.28		54.26		54.11	
			2000	52.12		52.08		53.41		53.24	
			2500	54.18		53.85		55.91		55.54	
			3150	55.62		55.69		57.13		57.02	
			4000			56.19				57.28	

LTE Band 26	QPSK / 15M / 1RB Offset	26865	5000		PASS	56.12		PASS	57.03	
			250			43.44			44.82	
			315			46.69			47.85	
			400	44.97		44.82		46.14	46.03	
			500	44.11		44.04		45.93	45.82	
			630	45.23		45.13		47.31	47.15	
			800	45.07		45.22		47.90	47.83	
			1000	48.33		48.17		50.51	50.42	
			1250	49.15		49.07		50.93	50.75	
			1600	51.56		51.47		52.89	52.67	
			2000	49.31		49.18		51.08	50.95	
			2500	54.37		54.09		55.49	55.31	
			3150	57.85		57.59		58.37	58.18	
			4000			56.22			57.14	
			5000			55.95			56.77	
LTE Band 41	QPSK / 20M / 1RB Offset	40620	250		PASS	43.55		PASS	45.07	
			315			46.83			48.06	
			400	44.56		44.42		47.02	46.83	
			500	44.29		44.17		46.63	46.55	
			630	45.13		45.04		47.38	47.21	
			800	46.95		46.82		47.31	47.25	
			1000	48.37		48.18		50.47	50.32	
			1250	50.26		50.14		51.46	51.32	
			1600	53.11		52.98		54.52	54.38	
			2000	53.08		52.94		55.56	55.39	
			2500	55.08		54.96		55.87	55.64	
			3150	56.24		56.10		57.82	57.63	
			4000			56.18			57.22	
			5000			55.95			57.11	
			LTE Band 66	QPSK / 20M / 1RB Offset	132322	250		PASS	26.32	
315						29.60			30.83	
400	27.33					27.19		29.79	29.60	
500	27.06					26.94		29.40	29.32	
630	27.90					27.81		30.15	29.98	
800	29.72					29.59		30.08	30.02	
1000	31.14					30.95		33.24	33.09	
1250	33.03					32.91		34.23	34.09	
1600	35.88					35.75		37.29	37.15	
2000	35.85					35.71		38.33	38.16	
2500	37.85					37.73		38.64	38.41	
3150	39.01					38.87		40.59	40.40	
4000						38.95			39.99	
5000						38.72			39.88	
LTE Band 71	QPSK / 20M / 1RB Offset	133322				250		PASS	42.42	
			315			45.70			46.93	
			400	43.13		43.29		47.69	45.70	
			500	42.86		43.04		47.30	45.42	
			630	43.70		43.91		48.05	46.08	
			800	45.52		45.69		47.98	46.12	
			1000	46.94		47.05		51.14	49.19	
			1250	48.83		49.01		52.13	50.19	
			1600	51.68		51.85		55.19	53.25	
			2000	51.65		51.81		56.23	54.26	
			2500	53.65		53.83		56.54	54.51	
			3150	54.81		54.97		58.49	56.50	
			4000			55.05			56.09	
			5000			54.82			55.98	
			WLAN 2.4GHz	802.11g	6	250		PASS	51.29	
315						43.79			44.93	
400	43.95					45.49		44.45	46.08	
500	45.04					45.64		46.10	47.08	
630	46.52					45.64		48.81	47.33	
800	45.31					46.75		47.33	47.67	
1000	47.07					46.63		48.79	47.99	
1250	47.92					48.84		49.07	49.37	
1600	49.51					47.52		52.98	50.30	
2000	48.70					47.53		49.40	48.60	
2500	54.02					53.07		56.16	54.73	
3150	55.28					55.84		57.72	57.24	
4000						53.79			56.27	
5000						51.62			51.91	