



REPORT No.: SZ25060041S04

Annex C Test Results of Distortion and Noise

Sample Technique			2N Mounting Force				8N Mounting Force				Note	
Air Interface	Radio Configuration	Channel	Nominal Center Frequency (Hz)	AMR-NB 12.2Kbps		AMR-WB 23.85Kbps		AMR-NB 12.2Kbps		AMR-WB 23.85Kbps		Note
				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			31.90				33.67		178
			315			33.95				35.72		178
			400	30.65		33.55		34.23		35.32		178
			500	30.16		33.06		33.74		34.83		178
			630	32.06		34.96		35.64		36.73		178
			800	29.89		32.79		33.47		34.56		178
			1000	27.55		30.45		31.13		32.22		178
			1250	25.79		28.69		29.37		30.46		178
			1600	27.95		30.85		31.53		32.62		178
			2000	28.30		31.20		31.88		32.97		178
			2500	30.15		33.05		33.73		34.82		178
			3150	29.26		32.22		32.84		33.99		178
			4000			31.43				33.20		178
			5000			33.24				35.01		178
GSM 1900	GSM Voice	661	250			31.79				33.56		178
			315			33.84				35.61		178
			400	30.16		33.44		33.74		35.21		178
			500	29.67		32.95		33.25		34.72		178
			630	31.57		34.85		35.15		36.62		178
			800	29.40		32.68		32.98		34.45		178
			1000	27.05		30.34		30.64		32.11		178
			1250	25.30		28.58		28.88		30.35		178
			1600	27.46		30.74		31.04		32.51		178
			2000	27.81		31.09		31.39		32.86		178
			2500	29.66		32.94		33.24		34.71		178
			3150	28.53		32.11		32.11		33.88		178
			4000			31.32				33.09		178
			5000			33.13				34.90		178
WCDMA II	AMR 12.2Kbps	9400	250			32.02				33.94		178
			315			34.07				35.99		178
			400	30.91		33.67		34.64		35.99		178
			500	30.42		33.18		34.15		35.10		178
			630	32.32		35.08		35.05		37.00		178
			800	30.15		32.91		33.88		34.83		178
			1000	27.81		30.57		31.54		32.49		178
			1250	26.05		28.81		29.78		30.73		178
			1600	28.21		30.97		31.94		32.89		178
			2000	28.56		31.32		32.29		33.24		178
			2500	30.41		33.17		34.14		35.09		178
			3150	29.28		32.34		33.01		34.26		178
			4000			31.55				33.47		178
			5000			33.36				35.28		178
WCDMA IV	AMR 12.2Kbps	1413	250			31.56				33.50		178
			315			33.61				35.55		178
			400	30.80		33.21		34.55		35.15		178
			500	30.31		32.72		34.06		34.66		178
			630	32.21		34.62		35.96		36.56		178
			800	30.04		32.45		33.79		34.39		178
			1000	27.70		30.11		31.45		32.05		178
			1250	25.94		28.35		28.69		30.29		178
			1600	28.10		30.51		31.85		32.45		178
			2000	28.45		30.86		32.20		32.80		178
			2500	30.30		32.71		34.05		34.65		178
			3150	29.17		31.88		32.92		33.82		178
			4000			31.09				33.03		178
			5000			32.90				34.84		178
WCDMA V	AMR 12.2Kbps	4182	250			30.52				33.24		178
			315			32.57				35.29		178
			400	29.76		32.17		34.29		34.89		178
			500	29.27		31.68		33.80		34.40		178
			630	31.17		33.56		35.70		36.30		178
			800	29.00		31.41		33.53		34.13		178
			1000	26.66		29.07		31.19		31.79		178
			1250	24.90		27.31		28.43		30.03		178
			1600	27.06		29.47		31.59		32.19		178
			2000	27.41		29.82		31.94		32.54		178
			2500	29.26		31.67		33.79		34.39		178
			3150	28.13		30.84		32.66		33.56		178
			4000			30.05				32.77		178
			5000			31.86				34.58		178
LTE Band 2	QPSK / 20M / 1RB Offset	18900	250			40.14				40.59		178
			315			33.60				35.03		178
			400	29.41		33.49		33.81		35.20		178
			500	31.05		35.13		35.45		36.69		178
			630	30.14		34.22		34.54		35.98		178
			800	30.57		33.94		33.23		35.77		178
			1000	30.99		33.98		34.34		35.59		178
			1250	27.52		30.56		30.26		31.47		178
			1600	26.67		30.99		30.82		31.95		178
			2000	35.11		38.57		37.47		38.60		178
			2500	35.84		39.19		38.36		39.75		178
			3150	29.15		32.23		31.69		33.10		178
			4000			37.28				38.79		178
			5000			37.10				37.88		178
LTE Band 5	QPSK / 10M / 1RB Offset	20525	250			39.60				41.35		178
			315			33.06				35.57		178
			400	29.95		32.95		34.35		35.74		178
			500	31.59		34.59		35.99		37.23		178
			630	30.68		33.68		35.08		36.12		178
			800	31.11		33.40		33.77		35.31		178
			1000	31.53		33.44		34.88		36.13		178
			1250	28.06		30.02		30.80		32.01		178
			1600	29.21		30.45		31.36		32.49		178
			2000	35.65		38.03		38.01		39.14		178
			2500	36.38		38.65		38.90		40.29		178
			3150	29.89		31.69		32.23		33.54		178
			4000			35.74				39.33		178
			5000			36.56				38.42		178
LTE Band 12	QPSK / 10M / 1RB Offset	23095	250			39.07				41.88		178
			315			32.53				35.04		178
			400	29.42		32.42		33.82		35.21		178
			500	31.06		34.06		35.46		36.70		178
			630	30.15		33.15		34.55		35.99		178
			800	30.58		32.87		33.24		35.78		178
			1000	31.00		32.91		34.35		35.60		178
			1250	27.53		29.49		30.27		31.48		178
			1600	26.68		29.92		30.83		31.96		178
			2000	35.12		37.50		37.48		38.61		178
			2500	35.85		38.12		38.37		39.76		178
			3150	29.16		31.16		31.70		33.11		178
			4000			36.21				38.80		178
			5000			36.03				37.89		178
LTE Band 13	QPSK / 10M / 1RB Offset	23230	250			37.98				40.79		178
			315			31.44				33.95		178
			400	27.46		31.33		32.73		34.12		178
			500	29.10		32.97		34.37		35.61		178
			630	28.19		32.06		33.46		34.50		178
			800	28.62		31.78		32.15		34.69		178
			1000	29.04		31.82		33.26		34.51		178
			1250	25.57		28.40		29.16		30.39		178
			1600	26.72		28.83		29.74		30.87		178
			2000	33.16		36.41		36.39		37.52		178
			2500	33.89		37.03		37.28		38.67		178
			3150	27.20		30.07		30.61		32.02		178
			4000			35.12				37.71		178
			5000			34.94				36.80		178
LTE Band 66	QPSK / 20M / 1RB Offset	132322	250			37.11				39.92		178
			315			30.57				33.08		178
			400	28.33		30.46		31.86		33.25		178
			500	29.97		32.10		33.50		34.74		178
			630	29.06		31.19		32.59		33.63		178
			800	29.49		30.91		31.28		33.82		178
			1000	29.91		30.99		31.54		33.64		178
			1250	25.44		27.53		28.31		29.82		178
			1600	27.59		27.86		28.67		30.00		178
			2000	34.03		35.54		35.52		36.65		178
			2500	34.76		36.16		36.41		37.80		178
			3150	28.07		29.29		29.74		31.15		178
			4000			34.25				35.84		178
			5000			34.07				35.93		178