



REPORT No.: SZ24120367S04

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										
GSM 850	GSM Voice	189	250	N/A		26.92		N/A		37.89		SP			
			315	N/A		30.77		44.92		34.62		SP			
			400	31.03		33.08		42.21		42.21		SP			
			500	27.22		32.31		36.58		38.46		SP			
			630	35.56		34.62		39.23		40.00		SP			
			800	29.44		28.46		43.11		44.03		SP			
			1000	27.78		34.62		43.85		45.62		SP			
			1250	32.23	PASS	33.08	PASS	41.11		46.15		SP			
			1500	35.03		29.23		40.71		42.31		SP			
			2000	26.87		30.05		40.23		36.15		SP			
			2500	32.78		33.85		49.23		49.56		SP			
			3150	31.12		33.02		34.62		37.69		SP			
			4000	N/A		29.46		44.62		44.62		SP			
			5000	N/A		34.62		N/A		36.50		SP			
			GSM 1900	GSM Voice	661	250	N/A		32.31		N/A		43.08		SP
315	N/A					33.85		N/A		41.15		SP			
400	31.11					29.23		42.31		40.77		SP			
500	26.59					31.08		36.15		38.00		SP			
630	23.00					26.15		34.62		39.22		SP			
800	24.50					33.08		46.92		46.54		SP			
1000	28.00					33.00		49.23		48.53		SP			
1250	32.00	PASS				26.16	PASS	39.92		47.69		SP			
1500	24.50					27.69		36.54		41.64		SP			
2000	24.00					26.50		46.15		47.38		SP			
2500	29.50					29.23		43.85		45.29		SP			
3150	31.00					30.71		48.46		49.23		SP			
4000	N/A					34.62		N/A		39.23		SP			
5000	N/A					33.86		37.00		37.00		SP			
WCDMA II	AMR 12.2Kbps	9400				250	N/A		30.05		N/A		42.31		SP
			315	N/A		31.54		36.92		36.92		SP			
			400	32.40		29.23		43.08		44.11		SP			
			500	26.79		31.94		39.21		40.00		SP			
			630	24.28		31.23		42.72		41.64		SP			
			800	25.79		27.69		32.36		46.15		SP			
			1000	29.29		30.31		36.15		37.69		SP			
			1250	33.29	PASS	30.77	PASS	42.31		43.08		SP			
			1500	29.79		32.31		39.92		39.92		SP			
			2000	25.29		30.62		38.46		38.46		SP			
			2500	30.79		26.14		34.62		37.28		SP			
			3150	32.29		30.62		38.11		40.11		SP			
			4000	N/A		34.62		N/A		36.10		SP			
			5000	N/A		29.23		37.00		34.62		SP			
			WCDMA IV	AMR 12.2Kbps	1413	250	N/A		26.11		N/A		36.58		SP
315	N/A					33.02		37.69		35.58		SP			
400	31.45					33.12		44.23		45.44		SP			
500	25.84					29.26		38.10		39.63		SP			
630	24.54					27.67		36.54		38.54		SP			
800	28.34					30.84		36.22		38.61		SP			
1000	32.34	PASS				31.63	PASS	40.77		42.23		SP			
1500	26.74					33.02		38.03		39.11		SP			
2000	26.24					32.31		36.15		38.54		SP			
2500	31.74					30.62		34.00		36.16		SP			
3150	33.24					30.02		37.11		39.54		SP			
4000	N/A					28.44		N/A		30.26		SP			
5000	N/A					33.12		N/A		34.28		SP			
WCDMA V	AMR 12.2Kbps	4182				250	N/A		30.72		N/A		31.46		SP
						315	N/A		34.66		36.96		36.96		SP
			400	31.58		30.32		36.92		41.64		SP			
			500	28.78		27.69		35.23		42.31		SP			
			630	37.14		28.46		38.11		40.03		SP			
			800	31.62		34.62		37.28		41.68		SP			
			1000	29.36		26.95		30.77		32.58		SP			
			1250	33.81	PASS	29.23	PASS	37.69		39.21		SP			
			1500	35.58		33.18		39.20		42.33		SP			
			2000	28.25		34.15		38.42		40.12		SP			
			2500	34.35		24.16		41.20		45.03		SP			
			3150	31.58		33.08		39.23		39.03		SP			
			4000	N/A		26.92		N/A		29.54		SP			
			5000	N/A		32.31		N/A		35.06		SP			
			LTE Band 12	QPSK / 15M / IRB Offset	23095	250	N/A		29.13		N/A		30.37		SP
315	N/A					29.70		34.77		34.77		SP			
400	32.61					29.97		35.99		40.45		SP			
500	30.92					27.63		34.30		41.22		SP			
630	33.80					29.11		37.18		38.94		SP			
800	34.92					28.26		38.30		40.29		SP			
1000	26.46					29.42		37.61		31.49		SP			
1250	33.36	PASS				29.23	PASS	36.76		38.12		SP			
1500	34.89					28.58		38.27		41.24		SP			
2000	34.11					29.54		37.49		39.03		SP			
2500	39.99					31.03		43.37		43.94		SP			
3150	34.92					30.62		40.56		37.94		SP			
4000	N/A					33.08		N/A		36.45		SP			
5000	N/A					27.63		N/A		33.97		SP			
LTE Band 25	QPSK / 20M / IRB Offset	26365				250	N/A		37.62		N/A		28.81		SP
			315	N/A		30.19		N/A		33.21		SP			
			400	26.48		29.62		37.65		38.89		SP			
			500	31.09		33.12		36.16		39.66		SP			
			630	28.04		28.83		39.04		37.38		SP			
			800	28.76		30.03		40.16		38.73		SP			
			1000	27.51		28.83		31.70		29.80		SP			
			1250	36.18	PASS	33.11	PASS	38.62		36.56		SP			
			1500	24.62		25.45		40.13		39.68		SP			
			2000	24.23		23.94		39.35		37.47		SP			
			2500	26.52		27.71		45.23		42.38		SP			
			3150	27.11		29.08		40.16		36.38		SP			
			4000	N/A		30.62		36.48		36.48		SP			
			5000	N/A		28.68		N/A		32.41		SP			
			LTE Band 26	QPSK / 15M / IRB Offset	28885	250	N/A		31.18		N/A		27.94		SP
315	N/A					32.00		N/A		32.34		SP			
400	34.19					24.69		37.67		38.02		SP			
500	32.60					31.26		35.48		36.79		SP			
630	35.38					33.03		38.76		36.51		SP			
800	36.50					28.54		39.88		37.86		SP			
1000	28.04					26.69		31.42		29.06		SP			
1250	34.96	PASS				29.03	PASS	38.54		36.69		SP			
1500	36.47					30.99		39.61		38.61		SP			
2000	35.69					27.62		39.07		36.60		SP			
2500	41.57					33.03		44.96		41.51		SP			
3150	36.50					26.58		39.89		35.51		SP			
4000	N/A					30.04		N/A		28.00		SP			
5000	N/A					29.46		N/A		31.64		SP			
LTE Band 66	QPSK / 20M / IRB Offset	132322				250	N/A		29.70		N/A		29.92		SP
			315	N/A		29.96		N/A		34.32		SP			
			400	30.81		30.03		37.29		40.00		SP			
			500	29.12		28.28		35.60		40.77		SP			
			630	32.00		29.57		38.49		38.49		SP			
			800	33.12		28.32		39.60		39.84		SP			
			1000	24.66		30.11		31.14		31.04		SP			
			1250	31.58	PASS	28.74	PASS	38.06		37.67		SP			
			1500	33.09		29.94		39.57		40.79		SP			
			2000	32.31		29.57		38.79		38.58		SP			
			2500	38.19		28.23		44.67		43.49		SP			
			3150	33.12		29.67		39.60		37.49		SP			
			4000	N/A		30.93		N/A		28.00		SP			
			5000	N/A		31.60		N/A		33.52		SP			
			LTE Band 71	QPSK / 20M / IRB Offset	133322	250	N/A		27.92		N/A		28.66		SP
315	N/A					28.68		N/A		31.06		SP			
400	32.71					28.65		36.01		36.74		SP			
500	31.02					26.88		34.32		37.51		SP			
630	33.90					28.19		37.20		39.23		SP			
800	35.02					30.94		38.32		36.58		SP			
1000	26.56					28.73		29.88		27.78		SP			
1250	33.48	PASS				27.36	PASS	36.78		34.41		SP			
1500	34.99					25.16		38.20							