



REPORT No.: SZ26010330S03

Annex C Test Results of Distortion and Noise

Sample Technique				2N Mounting Force		8N Mounting Force	
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
				Distortion and Noise (dB)	Distortion and Noise (dB)	Distortion and Noise (dB)	Distortion and Noise (dB)
GSM 850	GSM Voice	189	250		/		/
			315		/		/
			400	32.44	/	35.11	/
			500	28.75	/	31.47	/
			630	31.79	/	34.33	/
			800	26.39	/	29.03	/
			1000	29.64	/	32.42	/
			1250	28.60	/	31.32	/
			1600	30.37	/	33.42	/
			2000	30.00	/	33.02	/
			2500	35.22	/	37.33	/
			3150	33.03	/	35.48	/
			4000		/		/
			5000		/		/
GSM 1900	GSM Voice	661	250		/		/
			315		/		/
			400	33.07	/	35.08	/
			500	29.55	/	31.69	/
			630	32.08	/	34.83	/
			800	25.58	/	27.60	/
			1000	30.62	/	32.83	/
			1250	28.54	/	31.21	/
			1600	30.76	/	32.95	/
			2000	29.75	/	31.88	/
			2500	34.15	/	36.14	/
			3150	32.57	/	35.57	/
			4000		/		/
			5000		/		/
WCDMA II	AMR 12.2Kbps	9400	250		25.52		28.05
			315		23.84		26.76
			400	32.36	27.23	35.19	29.50
			500	28.93	25.69	31.55	28.35
			630	31.96	30.14	33.92	32.67
			800	26.50	27.53	28.92	30.30
			1000	31.00	31.66	33.81	34.45
			1250	29.32	26.22	31.63	29.24
			1600	29.78	28.13	32.74	30.36
			2000	29.47	28.30	32.21	30.32
			2500	34.46	31.97	37.16	34.94
			3150	33.52	29.36	35.65	31.85
			4000		33.84		36.33
			5000		26.33		29.35
WCDMA IV	AMR 12.2Kbps	1413	250		23.62		26.12
			315		22.77		25.28
			400	33.14	27.47	35.50	30.36
			500	28.18	25.57	31.16	27.65
			630	32.87	30.04	35.18	32.98
			800	25.97	26.58	28.39	28.69
			1000	30.67	31.33	33.40	33.57
			1250	28.71	26.86	30.97	29.83
			1600	30.24	28.28	32.45	31.13
			2000	30.03	28.54	32.14	31.44
			2500	35.50	33.31	38.35	35.93
			3150	32.71	29.34	35.11	31.69
			4000		33.72		36.56
			5000		27.12		30.02
WCDMA V	AMR 12.2Kbps	4182	250		26.46		29.35
			315		22.08		24.21
			400	33.07	27.56	35.18	29.92
			500	28.07	24.92	30.64	27.63
			630	32.38	30.40	34.39	32.44
			800	25.66	27.20	27.73	29.16
			1000	30.31	31.47	32.74	34.24
			1250	28.17	25.54	31.21	28.39
			1600	30.17	28.74	32.67	31.24

			2000	29.76	28.93	31.87	31.40
			2500	35.17	33.09	37.70	35.32
			3150	32.51	29.99	35.12	32.87
			4000		33.83		35.98
			5000		26.90		29.35
LTE Band 2	QPSK / 20M / 1RB Offset	18900	250		25.71		28.29
			315		23.98		26.98
			400	32.52	27.36	35.42	29.60
			500	29.12	25.89	31.79	28.49
			630	32.13	30.37	34.14	32.82
			800	26.61	27.75	29.03	30.46
			1000	31.19	31.88	34.01	34.65
			1250	29.43	26.41	31.87	29.37
			1600	30.03	28.31	32.88	30.60
			2000	29.68	28.42	32.44	30.52
			2500	34.68	32.11	37.38	35.09
			3150	33.62	29.60	35.81	32.01
			4000		33.94		36.49
			5000		26.50		29.46
LTE Band 4	QPSK / 20M / 1RB Offset	20175	250		23.76		26.27
			315		22.98		25.44
			400	33.29	27.62	35.72	30.55
			500	28.35	25.68	31.33	27.84
			630	33.11	30.19	35.40	33.17
			800	26.08	26.77	28.63	28.80
			1000	30.78	31.44	33.59	33.73
			1250	28.82	26.99	31.11	29.98
			1600	30.43	28.53	32.68	31.24
			2000	30.21	28.75	32.37	31.66
			2500	35.72	33.52	38.51	36.03
			3150	32.88	29.45	35.21	31.85
			4000		33.84		36.77
			5000		27.35		30.18
LTE Band 5	QPSK / 10M / 1RB Offset	20525	250		26.70		29.47
			315		22.21		24.34
			400	33.26	27.69	35.39	30.07
			500	28.23	25.05	30.87	27.86
			630	32.48	30.56	34.58	32.62
			800	25.88	27.31	27.89	29.36
			1000	30.52	31.61	32.98	34.44
			1250	28.41	25.75	31.34	28.49
			1600	30.39	28.85	32.92	31.38
			2000	29.90	29.13	32.12	31.50
			2500	35.42	33.28	37.84	35.57
			3150	32.73	30.19	35.24	33.11
			4000		34.06		36.10
			5000		27.09		29.51
LTE Band 7	QPSK / 20M / 1RB Offset	21100	250		26.62		28.90
			315		21.54		24.11
			400	32.35	26.50	34.99	29.27
			500	28.57	27.13	31.54	29.44
			630	32.64	30.34	34.82	33.01
			800	26.38	28.13	28.63	30.47
			1000	30.05	31.98	32.30	34.03
			1250	28.93	26.72	31.59	29.48
			1600	30.75	28.24	33.66	30.93
			2000	30.44	28.78	32.99	31.54
			2500	35.17	32.43	37.52	35.19
			3150	32.14	30.18	34.30	32.40
			4000		33.48		35.68
			5000		26.14		28.40
LTE Band 12	QPSK / 10M / 1RB Offset	23095	250		26.55		28.55
			315		22.57		25.08
			400	32.67	26.58	35.26	28.89
			500	28.96	26.26	31.64	28.81
			630	31.95	30.52	34.43	32.68
			800	26.53	27.64	29.27	30.46
			1000	29.84	31.48	32.67	34.36
			1250	28.74	26.16	31.42	28.85
			1600	30.55	28.81	33.55	31.06

			2000	30.13	28.68	33.13	30.73
			2500	35.32	32.96	37.47	35.35
			3150	33.18	30.52	35.72	32.86
			4000		33.20		36.13
			5000		26.49		28.95
LTE Band 17	QPSK / 10M / 1RB Offset	23790	250		27.43		29.96
			315		22.46		24.77
			400	33.44	26.69	35.57	29.19
			500	28.53	25.32	31.35	27.90
			630	32.01	30.36	34.52	32.60
			800	26.48	27.70	28.92	29.95
			1000	30.31	32.26	32.74	34.34
			1250	28.62	26.71	30.89	29.67
			1600	30.29	28.36	33.21	30.48
			2000	30.86	28.35	33.30	30.37
			2500	34.89	32.47	37.15	34.95
			3150	33.14	30.76	35.69	33.21
			4000		33.59		36.53
			5000		26.66		28.77
LTE Band 66	QPSK / 20M / 1RB Offset	132322	250		25.97		28.18
			315		22.86		24.88
			400	33.23	26.00	35.30	28.25
			500	29.66	26.99	31.79	29.03
			630	32.25	29.87	34.94	32.09
			800	25.72	26.65	27.75	29.30
			1000	30.82	31.68	33.03	34.36
			1250	28.79	26.52	31.35	29.08
			1600	30.98	27.87	33.10	30.83
			2000	29.97	28.54	32.06	31.32
			2500	34.26	32.95	36.34	35.36
			3150	32.75	30.23	35.74	32.56
			4000		33.99		36.13
			5000		26.25		28.83
LTE Band 71	QPSK / 20M / 1RB Offset	133322	250		26.75		29.47
			315		22.59		25.42
			400	33.87	26.83	36.66	29.42
			500	28.82	26.49	31.26	28.75
			630	32.97	30.83	35.85	33.74
			800	26.48	26.63	28.51	28.89
			1000	29.85	32.31	32.73	34.75
			1250	28.84	25.84	31.28	28.19
			1600	30.66	28.47	33.65	31.44
			2000	30.84	28.26	33.39	30.76
			2500	34.89	33.32	36.92	36.13
			3150	31.86	29.83	34.30	32.53
			4000		33.75		35.96
			5000		26.92		29.67