



REPORT No.: SZ23080316S02

Annex C Test Results Data 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		PASS	/	/		PASS	/	/
			315			/				/	
			400	47.28		/		47.18		/	
			500	46.86		/		46.41		/	
			630	47.64		/		47.15		/	
			800	48.31		/		46.99		/	
			1000	49.52		/		48.96		/	
			1250	50.45		/		50.83		/	
			1600	51.42		/		51.41		/	
			2000	51.11		/		52.24		/	
			2500	55.68		/		55.94		/	
			3150	58.53		/		57.86		/	
			4000			/				/	
			5000			/				/	
GSM 1900	GSM Voice	661	250		PASS	/	/		PASS	/	/
			315			/				/	
			400	46.09		/		47.86		/	
			500	47.40		/		46.03		/	
			630	47.79		/		48.16		/	
			800	48.18		/		48.75		/	
			1000	48.82		/		48.96		/	
			1250	50.12		/		48.94		/	
			1600	52.93		/		52.06		/	
			2000	52.75		/		52.54		/	
			2500	55.91		/		56.28		/	
			3150	58.55		/		58.55		/	
			4000			/				/	
			5000			/				/	
WCDMA II	AMR 12.2Kbps	9400	250		PASS	54.99	PASS		PASS	55.04	PASS
			315			47.76				48.64	
			400	47.01		47.83		48.21		47.62	
			500	45.93		49.55		51.44		51.88	
			630	47.13		48.05		48.96		50.23	
			800	45.99		50.28		51.26		50.42	
			1000	48.03		50.75		51.78		49.24	
			1250	50.09		50.16		51.29		51.14	
			1600	52.46		51.09		53.18		51.94	
			2000	52.15		53.38		53.21		52.74	
			2500	53.86		54.81		54.31		54.55	
			3150	58.33		58.96		60.53		59.74	
			4000			55.65				56.48	
			5000			59.62				59.48	
WCDMA IV	AMR 12.2Kbps	1413	250		PASS	54.36	PASS		PASS	53.72	PASS
			315			47.88				48.06	
			400	47.95		47.83		48.54		48.21	
			500	46.86		49.32		52.23		52.31	
			630	47.94		49.85		49.93		49.62	
			800	48.20		50.28		50.79		51.91	
			1000	48.92		50.89		50.27		51.28	
			1250	50.26		48.42		50.51		49.61	
			1600	52.06		52.00		52.61		52.92	
			2000	51.38		53.10		54.03		53.92	
			2500	55.84		54.32		55.24		55.19	
			3150	58.89		57.83		59.74		59.74	
			4000			56.24				56.83	
			5000			58.16				59.83	
WCDMA V	AMR 12.2Kbps	4182	250		PASS	52.75	PASS		PASS	54.15	PASS
			315			47.75				47.62	
			400	46.37		47.25		49.48		48.29	
			500	46.01		48.70		52.40		52.11	
			630	47.94		50.59		49.15		48.90	
			800	46.78		50.28		50.56		52.20	
			1000	48.96		50.13		52.15		50.93	
			1250	51.21		47.82		50.87		48.88	
			1600	50.82		52.06		53.18		50.68	
			2000	51.36		52.51		52.16		53.77	
			2500	55.84		54.74		54.73		53.97	
			3150	58.13		57.74		58.92		59.26	
			4000			57.01				56.83	
			5000			59.82				59.55	
LTE Band 2	QPSK / 20M / 1RB Offset	18900	250		PASS	54.17	PASS		PASS	55.11	PASS
			315			47.75				48.64	
			400	47.61		47.83		48.56		49.11	
			500	49.34		49.55		52.40		52.31	
			630	49.67		49.85		49.93		50.23	
			800	50.32		50.28		51.26		52.40	
			1000	50.61		50.49		51.23		51.28	
			1250	49.97		49.23		50.87		51.20	
			1600	50.23		51.09		53.18		53.22	
			2000	52.83		52.76		54.03		54.23	
			2500	54.16		54.28		55.24		55.19	
			3150	59.54		58.96		59.88		59.74	
			4000			56.29				56.83	
			5000			59.62				59.83	
LTE Band 4	QPSK / 20M / 1RB Offset	20175	250		PASS	54.52	PASS		PASS	54.60	PASS
			315			47.75				48.21	
			400	47.37		47.55		49.36		46.55	
			500	45.96		49.55		52.40		51.34	
			630	46.45		49.85		48.95		51.13	
			800	47.45		49.53		51.26		52.40	
			1000	47.68		50.49		50.31		49.26	
			1250	50.13		49.64		51.51		51.20	
			1600	52.06		50.17		52.97		53.22	
			2000	51.71		53.50		54.56		52.04	
			2500	55.84		54.28		55.20		55.94	
			3150	57.90		58.50		60.76		59.39	
			4000			56.01				56.63	

			5000			57.79			58.19	
			250			53.21			53.19	
			315			47.75			48.64	
			400	47.28		47.65	47.72		48.55	
			500	46.86		48.78	53.00		51.80	
			630	48.28		49.85	49.26		50.23	
			800	47.87		50.28	50.42		49.56	
			1000	48.96		49.75	51.23		49.53	
			1250	49.92		47.63	50.77		48.99	
			1600	51.59		49.85	51.49		52.86	
			2000	52.15		52.76	53.77		54.03	
			2500	55.84		53.39	55.46		55.19	
			3150	59.06		58.00	60.71		59.74	
			4000			56.10			56.83	
			5000			60.30			59.27	
			250			54.85			54.21	
			315			46.24			48.59	
			400	47.87		47.58	46.81		45.68	
			500	46.27		49.28	48.54		51.29	
			630	48.15		49.11	50.10		49.83	
			800	47.87		50.55	51.26		51.66	
			1000	48.96		48.81	48.24		49.45	
			1250	49.26		49.23	49.88		49.62	
			1600	52.06		51.30	49.21		53.10	
			2000	51.95		52.76	53.45		53.49	
			2500	54.52		53.89	54.86		55.19	
			3150	58.55		58.96	58.75		57.82	
			4000			56.59			56.83	
			5000			59.62			59.20	
			250			52.73			54.53	
			315			47.46			48.03	
			400	47.68		46.79	49.13		48.92	
			500	47.77		48.69	51.76		51.37	
			630	46.97		49.85	49.50		48.85	
			800	47.87		51.26	51.98		51.69	
			1000	48.67		50.39	52.23		50.38	
			1250	50.85		49.80	49.08		51.11	
			1600	52.15		50.59	49.19		53.07	
			2000	51.75		52.12	52.23		54.08	
			2500	56.42		54.28	55.96		53.23	
			3150	56.98		58.96	59.60		58.86	
			4000			56.29			56.83	
			5000			58.74			59.83	
			250			54.17			52.63	
			315			47.75			47.92	
			400	47.16		47.18	48.40		47.01	
			500	45.99		49.39	51.07		51.76	
			630	47.94		49.46	49.42		49.87	
			800	46.89		50.61	50.47		52.38	
			1000	49.43		50.10	50.97		50.55	
			1250	51.02		49.01	51.42		50.70	
			1600	51.13		51.32	52.58		53.22	
			2000	52.15		51.38	54.00		54.23	
			2500	54.25		53.83	56.06		52.90	
			3150	58.19		58.25	56.82		59.06	
			4000			57.00			56.61	
			5000			58.70			58.03	
			250			53.92			52.24	
			315			47.96			48.43	
			400	46.53		45.94	48.19		48.91	
			500	46.86		48.80	51.49		52.31	
			630	47.75		49.17	49.38		50.23	
			800	47.87		49.90	51.26		50.74	
			1000	48.96		49.70	50.81		51.07	
			1250	50.45		49.23	51.59		49.68	
			1600	52.06		51.79	50.63		50.86	
			2000	52.15		52.76	53.96		53.96	
			2500	55.84		54.28	55.05		54.33	
			3150	57.55		58.96	59.66		59.74	
			4000			56.59			54.18	
			5000			59.62			59.83	
			250			52.89			53.62	
			315			47.25			46.74	
			400	46.97		48.10	47.27		48.71	
			500	46.70		49.71	51.85		50.97	
			630	48.67		49.85	49.93		50.23	
			800	46.96		49.91	49.04		52.40	
			1000	48.96		50.14	49.67		51.24	
			1250	48.88		49.23	50.87		48.60	
			1600	51.20		51.09	50.96		53.22	
			2000	51.28		53.31	54.81		52.50	
			2500	56.00		54.62	54.46		54.61	
			3150	59.08		59.54	58.82		59.35	
			4000			56.29			54.89	
			5000			59.50			59.63	
			250			54.17			53.60	
			315			48.24			48.41	
			400	47.45		46.96	48.34		49.11	
			500	46.46		48.47	53.06		51.65	
			630	47.01		49.85	50.31		50.23	
			800	47.87		49.67	51.26		51.08	
			1000	48.96		49.01	49.63		50.35	
			1250	50.45		49.23	50.87		50.63	
			1600	52.84		50.79	52.30		51.03	
			2000	52.69		52.76	52.65		53.42	
			2500	55.84		52.31	51.89		54.88	
			3150	58.24		58.93	59.88		58.48	
			4000			56.99			56.83	
			5000			60.03			57.24	
			250			52.47			52.54	
			315			48.46			48.59	

WLAN 5.2GHz	802.11a 6Mbps	44	400	47.28	PASS	47.33	PASS	48.26	PASS	48.59	PASS
			500	46.86		46.24		47.11		48.03	
			630	47.94		48.03		48.23		49.11	
			800	47.87		47.56		48.23		48.55	
			1000	48.96		48.74		49.53		50.26	
			1250	50.45		50.23		51.28		51.11	
			1600	52.06		52.11		53.54		53.28	
			2000	52.15		52.26		52.84		53.11	
			2500	55.84		55.68		56.23		56.21	
			3150	58.55		58.42		59.15		58.96	
			4000			56.11				56.58	
			5000			56.03				56.23	
WLAN 5.8GHz	802.11a 6Mbps	157	250		PASS	52.16	PASS		PASS	52.32	PASS
			315			49.21				49.33	
			400	46.24		46.38		47.39		47.54	
			500	46.23		46.30		46.28		46.24	
			630	48.22		48.13		47.39		48.23	
			800	47.56		47.44		48.26		48.35	
			1000	48.35		48.56		48.54		49.11	
			1250	49.20		49.39		51.22		51.35	
			1600	53.30		53.48		54.38		54.26	
			2000	51.24		51.19		51.37		51.23	
			2500	56.28		54.38		55.28		55.43	
			3150	58.63		58.59		59.01		58.78	
			4000			56.00				56.38	
			5000			55.89				56.23	