



REPORT No.: SZ24050074S01

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 Distortion and Noise (dB)	Frequency Response	AMR-WB 23.85Kbps Distortion and Noise (dB)	Frequency Response	AMR-NB 12.2Kbps Distortion and Noise (dB)	Frequency Response	AMR-WB 23.85Kbps Distortion and Noise (dB)	Frequency Response
GSM 850	GSM Voice	190	250		PASS	/	/		PASS	/	/
			315			/				/	
			400	39.41		/		41.16		/	
			500	40.66		/		42.05		/	
			630	41.00		/		42.80		/	
			800	42.72		/		44.94		/	
			1000	40.29		/		41.69		/	
			1250	38.45		/		39.32		/	
			1600	40.57		/		42.28		/	
			2000	43.96		/		46.03		/	
			2500	45.44		/		46.81		/	
			3150	44.03		/		46.06		/	
			4000			/				/	
			5000			/				/	
GSM 1900	GSM Voice	661	250		PASS	/	/		PASS	/	/
			315			/				/	
			400	39.65		/		41.59		/	
			500	40.67		/		42.13		/	
			630	41.40		/		43.21		/	
			800	42.98		/		44.99		/	
			1000	40.60		/		42.10		/	
			1250	38.79		/		39.60		/	
			1600	40.84		/		42.55		/	
			2000	44.06		/		45.97		/	
			2500	45.75		/		47.22		/	
			3150	44.37		/		46.34		/	
			4000			/				/	
			5000			/				/	
WCDMA II	AMR 12.2Kbps	9400	250		PASS	37.37	PASS		PASS	50.52	PASS
			315			47.19				50.34	
			400	40.11		40.58		42.26		42.71	
			500	42.63		43.08		45.78		46.23	
			630	43.36		43.81		46.51		46.96	
			800	44.94		45.39		48.09		48.54	
			1000	42.58		43.01		45.71		46.16	
			1250	40.75		41.20		43.90		44.35	
			1600	42.80		43.25		45.95		46.40	
			2000	46.02		46.47		49.17		49.62	
			2500	47.71		48.16		50.86		51.31	
			3150	46.33		46.78		49.48		49.93	
			4000			53.17				56.32	
			5000			62.18				65.33	
WCDMA IV	AMR 12.2Kbps	1413	250		PASS	47.28	PASS		PASS	49.66	PASS
			315			46.86				49.24	
			400	39.06		39.51		41.44		41.89	
			500	42.62		43.07		45.00		45.45	
			630	42.96		43.41		45.34		45.79	
			800	44.68		45.13		47.06		47.51	
			1000	42.25		42.70		44.63		45.08	
			1250	40.41		40.86		42.79		43.24	
			1600	42.53		42.98		44.91		45.36	
			2000	45.92		46.37		48.30		48.75	
			2500	47.40		47.85		49.78		50.23	
			3150	45.99		46.44		48.37		48.82	
			4000			52.91				55.29	
			5000			63.03				65.41	
WCDMA V	AMR 12.2Kbps	4183	250		PASS	46.85	PASS		PASS	49.23	PASS
			315			47.03				49.41	
			400	40.34		39.96		42.72		42.34	
			500	41.59		43.52		43.97		45.90	
			630	41.93		43.86		44.31		46.24	
			800	43.65		45.58		46.03		47.96	
			1000	41.22		43.15		43.60		45.53	
			1250	39.38		41.31		41.76		43.69	
			1600	41.50		43.43		43.88		45.81	
			2000	44.89		46.82		47.27		49.20	
			2500	46.37		48.30		48.75		50.68	
			3150	44.96		46.89		47.34		49.27	
			4000			53.22				55.60	
			5000			62.56				64.94	
LTE Band 12	QPSK / 10M / 1RB Offset	23095	250		PASS	38.16	PASS		PASS	40.23	PASS
			315			45.22				47.31	
			400	39.22		39.14		40.97		40.81	
			500	40.47		40.33		41.86		41.69	
			630	40.81		40.65		42.61		42.70	
			800	42.53		42.38		44.75		44.63	
			1000	40.10		39.96		41.50		41.56	
			1250	38.26		38.19		39.13		39.05	
			1600	40.38		40.23		42.09		41.94	
			2000	43.77		43.61		45.84		45.68	
			2500	45.25		45.12		46.62		46.49	
			3150	43.84		43.70		45.87		45.62	
			4000			42.27				44.38	
			5000			39.61				41.53	
LTE Band 13	QPSK / 10M / 1RB Offset	23230	250		PASS	38.25	PASS		PASS	40.45	PASS
			315			45.02				47.16	
			400	39.27		39.11		41.21		41.16	
			500	40.29		40.37		41.75		41.62	
			630	41.02		40.96		42.83		42.74	
			800	42.60		42.44		44.61		44.73	
			1000	40.22		40.06		41.72		41.68	
			1250	38.41		38.33		39.42		39.55	
			1600	40.46		40.38		42.17		41.14	
			2000	43.68		43.71		45.59		45.62	
			2500	45.37		45.22		46.84		46.58	
			3150	43.99		44.02		45.96		45.79	
			4000			42.08				41.96	
			5000			39.31				41.28	
LTE Band 25	QPSK / 20M / 1RB Offset	26365	250		PASS	37.96	PASS		PASS	40.18	PASS
			315			44.78				46.86	
			400	39.30		39.21		41.19		41.11	
			500	40.23		40.31		41.74		41.79	
			630	41.15		41.03		42.88		42.84	
			800	42.41		42.35		44.79		44.66	
			1000	40.18		40.26		41.63		41.75	
			1250	38.37		38.39		39.41		39.27	
			1600	40.42		40.53		42.26		42.24	
			2000	43.59		43.66		45.69		45.78	
			2500	45.51		45.32		46.72		46.60	
			3150	43.90		43.77		46.04		45.93	
			4000			42.78				44.69	
			5000			39.65				41.47	
LTE Band 26	QPSK / 15M / 1RB Offset	26865	250		PASS	38.33	PASS		PASS	40.51	PASS
			315			45.14				47.08	
			400	39.34		39.30		41.13		40.90	
			500	40.59		40.49		42.02		41.75	
			630	40.93		40.81		42.77		42.83	
			800	42.65		42.54		44.91		44.72	
			1000	40.22		40.12		41.66		41.65	
			1250	38.38		38.35		39.29		39.14	
			1600	40.50		40.39		42.25		42.03	
			2000	43.89		43.77		46.00		45.77	
			2500	45.37		45.28		46.78		46.58	
			3150	43.96		43.86		46.03		45.71	
			4000			42.50				44.13	
			5000			39.71				41.26	
			250			38.62				40.47	
			315			45.30				47.23	

LTE Band 41	QPSK / 20M / 1RB Offset	40620	400	39.45	PASS	39.36	PASS	41.13	PASS	41.11	PASS
			500	40.56		40.43		42.07		42.09	
			630	40.92		40.79		42.83		42.77	
			800	42.64		42.58		44.86		44.93	
			1000	40.37		40.36		41.79		41.68	
			1250	38.55		38.39		39.45		39.36	
			1600	40.68		40.53		42.34		42.18	
			2000	43.91		43.68		46.12		45.98	
			2500	45.50		45.37		46.48		46.37	
			3150	44.07		43.95		46.12		45.96	
			4000			42.08				45.65	
			5000			39.95				41.49	
			250			38.35				40.27	
			315			44.86				46.98	
LTE Band 66	QPSK / 20M / 1RB Offset	132322	400	39.46	PASS	39.33	PASS	40.88	PASS	40.87	PASS
			500	40.71		40.52		41.77		41.75	
			630	41.05		40.84		42.52		42.76	
			800	42.77		42.57		44.66		44.69	
			1000	40.34		40.15		41.41		41.62	
			1250	38.50		38.38		39.04		39.11	
			1600	40.62		40.42		42.00		42.00	
			2000	44.01		43.80		45.75		45.74	
			2500	45.49		45.31		46.53		46.55	
			3150	44.08		43.89		45.78		45.68	
			4000			42.62				45.84	
			5000			40.08				41.73	
			250			38.46				40.39	
			315			45.11				47.08	
LTE Band 71	QPSK / 20M / 1RB Offset	133322	400	39.28	PASS	39.24	PASS	41.05	PASS	41.93	PASS
			500	40.44		40.39		41.98		41.88	
			630	40.76		40.81		42.54		42.60	
			800	42.49		42.50		44.63		44.51	
			1000	40.21		40.15		41.57		41.72	
			1250	38.39		38.22		39.29		39.37	
			1600	40.43		40.37		42.17		42.11	
			2000	43.62		43.54		45.76		45.71	
			2500	45.30		45.18		46.49		46.33	
			3150	43.87		43.73		45.82		45.75	
			4000			42.39				44.62	
			5000			39.81				41.70	
			250			39.68				41.61	
			315			46.33				48.30	
WLAN 2.4GHz	802.11n40 MCS0	6	400	40.50	PASS	40.46	PASS	42.27	PASS	43.15	PASS
			500	41.66		41.61		43.20		43.10	
			630	41.98		42.03		43.76		43.82	
			800	43.71		43.72		45.85		45.73	
			1000	41.43		41.37		42.79		42.94	
			1250	39.61		39.44		40.61		40.69	
			1600	41.65		41.59		43.39		43.33	
			2000	44.84		44.76		46.98		46.93	
			2500	46.52		46.40		47.71		47.55	
			3150	45.09		44.95		47.04		46.97	
			4000			43.61				45.84	
			5000			41.03				42.92	
			250			38.60				40.53	
			315			45.25				47.22	
WLAN 5.2GHz	802.11n20 MCS0	40	400	39.42	PASS	39.38	PASS	41.19	PASS	42.07	PASS
			500	40.58		40.53		42.12		42.02	
			630	40.90		40.95		42.68		42.74	
			800	42.63		42.64		44.77		44.65	
			1000	40.35		40.29		41.71		41.86	
			1250	38.53		38.36		39.43		39.51	
			1600	40.57		40.51		42.31		42.25	
			2000	43.76		43.68		45.90		45.85	
			2500	45.44		45.32		46.63		46.47	
			3150	44.01		43.87		45.96		45.89	
			4000			42.53				44.76	
			5000			39.95				41.84	
			250			40.78				42.71	
			315			47.43				49.40	
WLAN 5.3GHz	802.11n20 MCS0	56	400	41.60	PASS	41.56	PASS	43.37	PASS	44.25	PASS
			500	42.76		42.71		44.30		44.20	
			630	43.08		43.13		44.86		44.92	
			800	44.81		44.82		46.95		46.83	
			1000	42.53		42.47		43.89		44.04	
			1250	40.71		40.54		41.61		41.69	
			1600	42.75		42.69		44.49		44.43	
			2000	45.94		45.86		48.08		48.03	
			2500	47.62		47.50		48.81		48.65	
			3150	46.19		46.05		48.14		48.07	
			4000			44.71				46.94	
			5000			42.13				44.02	
			250			40.55				42.48	
			315			47.20				49.17	
WLAN 5.5GHz	802.11n20 MCS0	116	400	41.37	PASS	41.33	PASS	43.14	PASS	44.02	PASS
			500	42.53		42.48		44.07		43.97	
			630	42.85		42.90		44.63		44.69	
			800	44.58		44.59		46.72		46.60	
			1000	42.30		42.24		43.66		43.81	
			1250	40.48		40.31		41.38		41.46	
			1600	42.52		42.46		44.26		44.20	
			2000	45.71		45.63		47.85		47.80	
			2500	47.39		47.27		48.58		48.42	
			3150	45.96		45.82		47.91		47.84	
			4000			44.48				46.71	
			5000			41.90				43.79	
			250			39.28				41.21	
			315			45.93				47.90	
WLAN 5.8GHz	802.11n20 MCS0	157	400	40.10	PASS	40.06	PASS	41.87	PASS	42.75	PASS
			500	41.26		41.21		42.80		42.70	
			630	41.58		41.63		43.36		43.42	
			800	43.31		43.32		45.45		45.33	
			1000	41.03		40.97		42.39		42.54	
			1250	39.21		39.04		40.11		40.19	
			1600	41.25		41.19		42.99		42.93	
			2000	44.44		44.36		46.58		46.53	
			2500	46.12		46.00		47.31		47.15	
			3150	44.69		44.55		46.64		46.57	
			4000			43.21				45.44	
			5000			40.63				42.52	