



REPORT No.: SZ24040089S02

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		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	39.46	PASS		PASS	41.32	PASS
			315			46.53				48.60	
			400	37.03		36.88		38.95		38.84	
			500	40.86		40.72		42.81		42.73	
			630	43.75		43.66		46.22		46.08	
			800	39.41		39.27		41.73		41.62	
			1000	38.82		38.75		40.92		40.81	
			1250	39.65		39.53		41.28		41.16	
			1600	48.72		48.64		51.16		51.03	
			2000	47.60		47.48		49.68		49.49	
			2500	48.54		48.39		50.75		50.58	
			3150	40.47		40.31		43.15		43.02	
			4000			42.45				44.33	
			5000			37.72				39.29	
GSM 1900	GSM Voice	661	250		PASS	39.25	PASS		PASS	41.04	PASS
			315			46.71				48.47	
			400	37.15		37.02		39.02		38.79	
			500	40.49		40.35		42.53		42.49	
			630	43.84		43.77		46.47		46.25	
			800	39.22		39.20		41.39		41.12	
			1000	38.59		38.47		40.68		40.55	
			1250	38.41		38.26		41.36		41.26	
			1600	48.66		48.53		51.08		50.89	
			2000	47.37		47.18		49.44		49.27	
			2500	48.28		48.09		50.37		50.20	
			3150	40.61		40.44		43.25		43.11	
			4000			42.26				44.34	
			5000			37.91				39.25	
WCDMA II	AMR 12.2Kbps	9400	250		PASS	39.13	PASS		PASS	40.95	PASS
			315			46.64				48.52	
			400	36.53		36.44		38.76		38.63	
			500	40.56		40.33		42.71		42.49	
			630	44.19		44.08		46.42		46.25	
			800	39.32		39.24		41.26		41.09	
			1000	38.74		38.66		40.83		40.75	
			1250	39.27		39.15		41.11		41.03	
			1600	48.89		48.75		51.23		51.12	
			2000	47.44		47.29		49.75		49.64	
			2500	48.35		48.21		50.60		50.49	
			3150	40.63		40.57		43.42		43.20	
			4000			42.34				44.27	
			5000			37.59				39.08	
WCDMA IV	AMR 12.2Kbps	1413	250		PASS	39.33	PASS		PASS	41.12	PASS
			315			46.43				48.63	
			400	36.75		36.49		38.84		38.72	
			500	40.61		40.42		42.80		42.69	
			630	44.23		44.09		46.27		46.22	
			800	39.27		39.11		41.33		41.18	
			1000	38.82		38.60		40.75		40.57	
			1250	39.34		39.22		41.22		41.08	
			1600	48.95		48.78		51.09		51.01	
			2000	47.29		47.25		49.84		49.66	
			2500	48.47		48.36		50.69		50.47	
			3150	40.72		40.59		43.31		43.16	
			4000			42.23				44.33	
			5000			37.78				39.15	
WCDMA V	AMR 12.2Kbps	4182	250		PASS	39.23	PASS		PASS	41.16	PASS
			315			46.45				48.39	
			400	36.81		36.72		38.75		38.61	
			500	40.41		40.25		42.82		42.75	
			630	44.30		44.18		46.36		46.29	
			800	39.25		39.14		41.41		41.37	
			1000	38.93		38.82		40.55		40.50	
			1250	39.15		39.07		41.32		41.26	
			1600	48.66		48.59		51.16		51.07	
			2000	47.27		47.17		49.63		49.54	
			2500	48.30		48.26		50.72		50.65	
			3150	40.47		40.38		43.22		43.13	
			4000			42.45				44.30	
			5000			37.63				39.22	
LTE Band 2	QPSK / 20M / 1RB Offset	18900	250		PASS	39.77	PASS		PASS	41.08	PASS
			315			46.29				48.37	
			400	37.02		36.82		38.91		39.02	
			500	40.68		40.61		42.80		42.71	
			630	44.37		44.19		46.53		46.39	
			800	39.44		39.37		41.33		41.28	
			1000	38.81		38.75		40.91		40.77	
			1250	39.40		39.26		41.42		41.28	
			1600	48.93		48.83		51.20		51.06	
			2000	47.62		47.49		49.84		49.24	
			2500	48.52		48.37		50.67		50.61	
			3150	40.44		40.28		43.28		43.17	
			4000			42.40				44.26	
			5000			37.83				39.27	
LTE Band 5	QPSK / 10M / 1RB Offset	20525	250		PASS	38.95	PASS		PASS	40.82	PASS
			315			46.27				48.33	
			400	36.87		36.21		38.99		38.56	
			500	40.79		40.34		42.81		42.39	
			630	44.52		43.96		46.26		46.02	
			800	39.51		39.11		41.39		41.22	
			1000	38.65		38.43		40.96		40.63	
			1250	39.23		38.97		41.04		40.95	
			1600	48.77		48.52		51.26		51.04	
			2000	47.28		47.16		49.58		49.31	
			2500	48.33		47.98		50.63		50.49	
			3150	40.69		40.44		43.55		43.17	
			4000			42.11				44.04	
			5000			37.40				38.99	
LTE Band 7	QPSK / 20M / 1RB Offset	21100	250		PASS	39.85	PASS		PASS	41.72	PASS
			315			47.17				49.23	
			400	37.77		37.11		39.89		39.46	
			500	41.69		41.24		43.71		43.29	
			630	45.42		44.86		47.16		46.92	
			800	40.41		40.01		42.29		42.12	
			1000	39.55		39.33		41.86		41.53	
			1250	40.13		39.87		41.94		41.85	
			1600	49.67		49.42		52.16		51.94	
			2000	48.18		48.06		50.48		50.21	
			2500	49.23		48.88		51.53		51.39	
			3150	41.59		41.34		44.45		44.07	
			4000			43.01				44.94	
			5000			38.30				39.89	
			250			38.97				40.81	
			315			46.32				48.09	
			400	36.70		36.38		39.05		38.61	
			500	40.62		40.37		42.63		42.57	
			630	44.17		43.92		46.44		46.13	
			800	39.26		39.15		41.39		40.87	

LTE Band 12	QPSK / 10M / 1RB Offset	23095	1000	38.59	PASS	38.50	PASS	40.77	PASS	40.43	PASS
			1250	39.23		39.04		41.13		40.91	
			1600	48.79		48.62		51.25		50.94	
			2000	47.27		47.15		49.67		49.42	
			2500	48.38		48.05		50.32		50.27	
			3150	40.79		40.51		43.24		43.02	
			4000			42.29				44.05	
			5000			37.43				38.92	
			250			39.42				40.91	
			315			46.71				48.35	
LTE Band 66	QPSK / 20M / 1RB Offset	132322	400	36.44	PASS	36.40	PASS	38.75	PASS	38.64	PASS
			500	40.37		40.42		42.83		42.50	
			630	44.02		44.07		46.63		46.46	
			800	39.15		39.13		41.20		40.90	
			1000	38.49		38.52		40.81		40.66	
			1250	39.18		39.13		41.15		40.94	
			1600	48.70		48.64		51.22		50.97	
			2000	47.33		47.28		49.68		49.44	
			2500	48.26		46.10		50.47		50.29	
			3150	40.27		40.26		43.39		43.21	
LTE Band 71	QPSK / 20M / 1RB Offset	133332	4000		PASS	42.43	PASS		PASS	44.08	PASS
			5000			37.89				38.92	
			250			38.82				40.64	
			315			46.33				48.22	
			400	36.84		36.13		38.97		38.32	
			500	40.67		40.16		42.84		42.38	
			630	44.29		43.98		46.33		45.94	
			800	39.58		39.13		41.27		40.95	
			1000	38.97		38.55		40.98		40.44	
			1250	39.44		38.94		41.22		40.86	
WLAN 2.4GHz	802.11n40	7	1600	49.06	PASS	48.74	PASS	51.16	PASS	50.81	PASS
			2000	47.65		47.18		49.82		49.35	
			2500	48.60		48.42		50.31		50.07	
			3150	40.71		40.26		42.99		42.89	
			4000			42.03				44.06	
			5000			37.28				38.79	
			250			39.78				42.05	
			315			40.24				39.02	
			400	40.02		39.13		41.21		39.69	
			500	39.86		40.17		42.85		46.11	
WLAN 5.2GHz	802.11a	44	630	37.96	PASS	38.76	PASS	41.94	PASS	41.86	PASS
			800	40.18		39.58		40.63		44.65	
			1000	41.71		37.62		41.74		44.84	
			1250	37.26		39.20		37.66		39.60	
			1600	38.18		38.62		38.22		42.97	
			2000	42.29		41.35		44.87		41.85	
			2500	41.65		42.28		45.76		42.12	
			3150	39.59		40.17		39.09		45.38	
			4000			41.66				41.86	
			5000			41.74				40.79	
WLAN 5.3GHz	802.11a	60	250		PASS	40.09	PASS		PASS	40.82	PASS
			315			38.62				39.25	
			400	38.30		41.03		41.74		41.06	
			500	39.41		38.26		43.38		40.81	
			630	41.12		40.26		42.47		41.35	
			800	40.46		40.15		41.16		41.14	
			1000	40.88		41.59		42.27		45.27	
			1250	37.41		42.61		38.19		40.13	
			1600	38.56		40.37		38.75		41.29	
			2000	45.00		38.92		45.40		44.34	
WLAN 5.5GHz	802.11a	120	2500	45.73	PASS	40.66	PASS	46.29	PASS	42.25	PASS
			3150	39.04		42.15		39.62		44.36	
			4000			41.81				42.19	
			5000			40.50				41.06	
			250			40.78				39.62	
			315			37.82				41.14	
			400	41.74		39.26		41.13		40.57	
			500	43.38		40.69		40.64		38.92	
			630	42.47		42.26		42.54		39.82	
			800	41.16		41.26		40.37		41.27	
WLAN 5.8GHz	802.11a	157	1000	42.27	PASS	42.06	PASS	38.03	PASS	41.91	PASS
			1250	38.19		43.82		36.27		42.33	
			1600	38.75		45.23		38.43		38.61	
			2000	45.40		42.66		38.78		45.25	
			2500	46.29		41.47		40.63		43.71	
			3150	39.62		42.26		39.50		42.36	
			4000			40.30				41.23	
			5000			42.76				40.61	
			250			39.52				39.62	
			315			37.92				40.06	
WLAN 5.8GHz	802.11a	157	400	39.03	PASS	40.15	PASS	39.49	PASS	37.26	PASS
			500	40.11		40.28		40.45		41.22	
			630	41.68		41.09		41.35		41.31	
			800	40.52		42.27		40.52		42.80	
			1000	39.17		39.97		39.49		41.52	
			1250	40.09		41.03		38.57		40.39	
			1600	39.33		42.26		40.16		42.67	
			2000	39.68		41.57		42.28		43.71	
			2500	41.53		42.06		40.74		43.25	
			3150	40.40		41.92		42.61		40.37	
WLAN 5.8GHz	802.11a	157	4000		PASS	40.70	PASS		PASS	41.25	PASS
			5000			41.28				42.60	
			250			40.86				40.59	
			315			39.38				39.41	
			400	38.59		36.12		39.28		40.16	
			500	40.16		42.15		40.28		38.89	
			630	40.84		41.41		42.36		41.26	
			800	39.40		42.28		41.12		40.98	
			1000	39.58		41.39		40.59		38.37	
			1250	40.28		41.51		39.25		39.16	
WLAN 5.8GHz	802.11a	157	1600	41.26	PASS	45.35	PASS	40.36	PASS	42.42	PASS
			2000	42.13		44.37		41.72		45.21	
			2500	39.15		42.98		40.58		40.06	
			3150	40.28		43.66		41.36		42.26	
			4000			42.53				45.51	
			5000			41.87				39.74	