



REPORT No.: SZ24080312S02

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		
GSM 850	GSM Voice	189	250			36.91				36.99	
			315			36.30				36.38	
			400	42.79		41.90	42.75			41.86	
			500	42.94		42.05	43.26			42.37	
			600	44.29		43.40	44.42			43.53	
			800	43.83		42.94	44.09			43.20	
			1000	43.32		42.43	43.44			42.55	
			1250	46.91	PASS	46.02	47.02	PASS		46.13	
			1600	43.47		42.58	43.51			42.62	
			2000	45.06		44.17	45.29			44.34	
			2500	49.02		48.73	49.37			48.48	
			3150	52.98		52.09	52.75			51.86	
			4000			41.34	41.07				
			5000			40.04	39.77				
GSM 1900	GSM Voice	661	250			36.06				37.45	
			315			35.07				35.15	
			400	42.87		42.22	42.99			42.34	
			500	43.19		42.54	43.37			42.72	
			600	44.94		44.29	45.01			44.26	
			800	44.26		43.71	44.53			43.86	
			1000	43.91		43.26	44.06			43.41	
			1250	47.06	PASS	46.41	47.15	PASS		46.50	PASS
			1600	43.87		43.22	44.04			43.39	
			2000	45.49		44.84	45.38			44.73	
			2500	49.89		49.24	49.72			49.07	
			3150	53.12		52.47	53.07			52.42	
			4000			41.11	40.84				
			5000			39.81	39.54				
WCDMA I	AMR 12.2Kbps	9400	250			36.77				36.85	
			315			36.16				36.24	
			400	43.13		42.45	43.01			42.33	
			500	44.21		43.53	43.97			43.29	
			600	45.16		44.48	45.22			44.54	
			800	44.82		44.14	44.69			44.01	
			1000	44.24		43.56	44.21			43.53	
			1250	47.17	PASS	46.49	47.24	PASS		46.56	PASS
			1600	43.95		43.27	43.88			43.20	
			2000	45.32		44.64	45.45			44.77	
			2500	49.76		49.08	49.83			49.15	
			3150	53.22		52.54	53.19			52.45	
			4000			41.20	40.93				
			5000			39.90	39.63				
WCDMA IV	AMR 12.2Kbps	1413	250			36.89				36.97	
			315			35.29				35.36	
			400	42.06		41.17	42.14			41.86	
			500	43.53		42.55	43.76			42.48	
			600	44.79		43.51	44.85			43.57	
			800	44.03		42.75	44.12			42.84	
			1000	44.12		42.84	44.01			42.73	PASS
			1250	47.23	PASS	46.95	47.14	PASS		46.85	
			1600	43.94		42.66	44.00			42.72	
			2000	45.28		44.00	45.36			44.08	
			2500	49.67		48.39	49.75			48.47	
			3150	53.18		51.90	53.23			51.95	
			4000			41.32	41.05				
			5000			40.02	39.75				
WCDMA V	AMR 12.2Kbps	4182	250			36.17				36.25	
			315			35.56				35.64	
			400	42.89		42.52	43.06			42.77	
			500	43.38		43.01	43.43			43.20	
			600	44.83		44.46	44.90			44.61	
			800	43.98		43.61	43.85			43.56	
			1000	43.75	PASS	43.38	43.59	PASS		43.30	
			1250	46.79		46.42	46.96			46.67	PASS
			1600	43.67		43.30	43.71			43.42	
			2000	45.01		44.64	45.13			44.84	
			2500	49.36		48.99	49.44			49.15	
			3150	52.88		52.51	53.02			52.73	
			4000			42.80	42.53				
			5000			41.30	41.03				
LTE Band 2	QPSK / 20M / 1RB Offset	18000	250			36.89				36.94	
			315			37.26				36.90	
			400	40.80		40.58	42.23			41.88	
			500	40.59		40.77	42.86			41.71	
			600	40.13		39.91	44.13			43.78	
			800	38.66		38.44	38.84			38.54	
			1000	41.11	PASS	40.89	42.67	PASS		42.52	
			1250	39.51		39.29	40.26	PASS		39.93	PASS
			1600	39.84		40.42	40.83			39.98	
			2000	46.43		46.61	47.06			46.71	
			2500	49.59		49.37	51.35			51.01	
			3150	40.63		40.41	46.71			46.36	
			4000			42.97				42.62	
			5000			41.67	41.32				
LTE Band 5	QPSK / 10M / 1RB Offset	20525	250			37.83				37.91	
			315			36.22				36.30	
			400	39.91		42.18	41.14			42.43	
			500	41.74		42.67	42.97			42.86	
			600	41.12		44.12	44.55			44.27	
			800	37.36		43.27	39.19			43.22	
			1000	37.59	PASS	43.04	39.22	PASS		42.86	PASS
			1250	39.32		46.08	40.55			46.33	
			1600	40.41		42.96	41.64			43.08	
			2000	47.30		44.30	48.43			47.80	
			2500	49.36		48.65	50.99			48.81	
			3150	39.94		52.17	41.17			52.39	
			4000			42.26	41.99				
			5000			40.96	40.69				
LTE Band 12	QPSK / 10M / 1RB Offset	23095	250			36.78				36.86	
			315			35.17				35.25	
			400	38.86		41.13	40.09			41.38	
			500	40.69		41.82	41.92			41.81	
			600	40.27		43.07	41.93			43.22	
			800	36.91		42.22	38.14			42.17	
			1000	35.54	PASS	41.99	38.17	PASS		41.51	
			1250	38.27		45.03	39.50	PASS		45.28	
			1600	39.36		41.91	40.59			42.03	
			2000	46.15		43.25	47.38			43.45	
			2500	48.31		47.60	49.54			47.76	
			3150	38.89		51.12	40.12			51.34	
			4000			41.21	40.94				
			5000			39.91	39.64				
LTE Band 66	QPSK / 20M / 1RB Offset	132322	250			37.70				38.78	
			315			36.06				37.17	
			400	39.78		42.05	40.86			43.13	
			500	41.61		42.54	42.69			43.62	
			600	41.19		43.99	42.27			45.07	
			800	37.85		43.14	38.91			44.22	
			1000	37.66	PASS	42.91	38.54	PASS		43.89	PASS
			1250	39.19		46.95	40.27			47.03	
			1600	40.28		42.83	41.36			43.91	
			2000	47.07		44.17	48.15			45.20	
			2500	49.23		48.52	50.31			49.60	
			3150	39.81		52.04	40.89			53.12	
			4000			42.13	43.21				
			5000			40.83	41.91				
LTE Band 71	QPSK / 20M / 1RB Offset	133322	250			35.70				36.60	
			315			34.59				34.89	
			400	37.78		40.05	38.68			40.85	
			500	39.61		40.54	40.91			41.44	
			600	39.19		41.99	40.09			42.89	
			800	35.93		41.14	36.73			42.04	
			1000	35.84	PASS	40.91	36.76	PASS		41.81	PASS
			1250	37.19		43.05	38.09			44.85	
			1600	38.28		40.83	39.18			41.73	
			2000	45.07		42.17	45.97			43.07	
			2500	47.23		46.52	48.13			47.42	
			3150	37.81		36.68	38.71			37.89	
			4000			40.13	41.03				
			5000			38.83	39.73				
WLAN 2.4GHz	802.11n:20	7	250			34.45				35.35	
			315			32.84				33.74	
			400	35.53		35.80	37.43			36.73	
			500	38.36		39.29	39.26			40.19	
			600	37.94		40.74	38.84			41.64	
			800	34.56		39.89	35.48			40.79	
			1000	34.61	PASS	39.66	35.51	PASS		40.96	
			1250	35.94		42.70	36.86			43.60	
			1600	37.03		39.58	37.93			39.49	
			2000	43.82		40.92	44.72			41.82	
			2500	45.98		45.27	46.88			46.17	
			3150	36.96		36.44	37.46			38.78	
			4000			34.88					
			5000			37.98	38.49				