



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			/				/	
			315			/				/	
			400	47.28		/		47.18		/	
			500	46.86		/		46.41		/	
			630	47.64		/		47.15		/	
			800	48.31		/		46.99		/	
			1000	49.52	PASS	/	/	48.96	PASS	/	/
			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			/				/	
			315			/				/	
			400	46.09		/		47.86		/	
			500	47.40		/		46.03		/	
			630	47.79		/		48.16		/	
			800	48.18		/		48.75		/	
			1000	48.82	PASS	/	/	48.96	PASS	/	/
			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			54.99				55.04	
			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	PASS	50.75	PASS	51.78	PASS	49.24	PASS
			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			54.36				53.72	
			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	PASS	50.89	PASS	50.27	PASS	51.28	PASS
			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			52.75				54.15	
			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	PASS	50.13	PASS	52.15	PASS	50.93	PASS
			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		58.82		59.26	
			4000			57.01				56.83	
			5000			59.82				59.55	
LTE Band 2	QPSK / 20M / 1RB Offset	18900	250			54.17				55.11	
			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	PASS	51.23	PASS	51.28	PASS
			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			54.52				54.60	
			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	PASS	50.49	PASS	50.31	PASS	49.26	PASS
			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	

LTE Band 5	QPSK / 10M / 1RB Offset	20525	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			
			LTE Band 7	QPSK / 20M / 1RB Offset	21100	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			
LTE Band 12	QPSK / 10M / 1RB Offset	23095				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			
			LTE Band 13	QPSK / 10M / 1RB Offset	23230	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			
LTE Band 48	QPSK / 20M / 1RB Offset	55990				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			
			LTE Band 66	QPSK / 20M / 1RB Offset	132322	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					59.83			
WLAN 2.4GHz	802.11n20 MCS0	6				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		56.59		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	
			250			52.16				52.32	
			315			49.21				49.33	
WLAN 5.8GHz	802.11a 6Mbps	157	400	46.24	PASS	46.38	PASS	47.39	PASS	47.54	PASS
			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	