



REPORT No.: SZ24040389S02

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	35.47	PASS		PASS	36.23	PASS	
			315			37.72				38.48		
			400	34.56		34.96		35.32		35.72		
			500	38.62		39.02		39.38		39.78		
			630	37.87		38.27		38.63		39.03		
			800	36.49		36.89		37.25		37.65		
			1000	36.96		37.36		37.72		38.12		
			1250	36.79		37.19		37.55		37.95		
			1600	37.55		37.95		38.31		38.71		
			2000	40.48		40.88		41.24		41.64		
			2500	40.64		41.04		41.40		41.80		
			3150	40.60		41.00		41.36		41.76		
			4000			37.98				38.74		
			5000			38.54				39.30		
GSM 1900	GSM Voice	661	250		PASS	35.96	PASS		PASS	37.00	PASS	
			315			38.21				39.25		
			400	35.05		35.45		36.09		36.49		
			500	39.11		39.51		40.15		40.55		
			630	38.36		38.76		39.40		39.80		
			800	36.98		37.38		38.02		38.42		
			1000	37.45		37.85		38.49		38.89		
			1250	37.28		37.68		38.32		38.72		
			1600	38.04		38.44		39.08		39.48		
			2000	40.97		41.37		42.01		42.41		
			2500	41.13		41.53		42.17		42.57		
			3150	41.09		41.49		42.13		42.53		
			4000			38.47				39.51		
			5000			39.03				40.07		
WCDMA II	AMR 12.2Kbps	9400	250		PASS	35.96	PASS		PASS	37.00	PASS	
			315			38.21				39.25		
			400	35.95		35.45		36.99		36.49		
			500	40.01		39.51		41.05		40.55		
			630	39.26		38.76		40.30		39.80		
			800	37.88		37.38		38.92		38.42		
			1000	38.35		37.85		39.39		38.89		
			1250	38.18		37.68		39.22		38.72		
			1600	38.94		38.44		39.98		39.48		
			2000	41.87		41.37		42.91		42.41		
			2500	42.03		41.53		43.07		42.57		
			3150	41.99		41.49		43.03		42.53		
			4000			38.47				39.51		
			5000			39.03				40.07		
WCDMA IV	AMR 12.2Kbps	1413	250		PASS	36.86	PASS		PASS	37.81	PASS	
			315			39.11				40.06		
			400	37.15		36.35		38.10		37.30		
			500	41.21		40.41		42.16		41.36		
			630	40.46		39.66		41.41		40.61		
			800	39.08		38.28		40.03		39.23		
			1000	39.55		38.75		40.50		39.70		
			1250	39.38		38.58		40.33		39.53		
			1600	40.14		39.34		41.09		40.29		
			2000	43.07		42.27		44.02		43.22		
			2500	43.23		42.43		44.18		43.38		
			3150	43.19		42.39		44.14		43.34		
			4000			39.37				40.32		
			5000			39.93				40.88		
WCDMA V	AMR 12.2Kbps	4182	250		PASS	34.76	PASS		PASS	35.71	PASS	
			315			37.01				37.96		
			400	34.75		34.25		35.70		35.20		
			500	38.81		38.31		39.76		39.26		
			630	38.06		37.56		39.01		38.51		
			800	36.68		36.18		37.63		37.13		
			1000	37.15		36.65		38.10		37.60		
			1250	36.98		36.48		37.93		37.43		
			1600	37.74		37.24		38.69		38.19		
			2000	40.67		40.17		41.62		41.12		
			2500	40.83		40.33		41.78		41.28		
			3150	40.79		40.29		41.74		41.24		
			4000			37.27				38.22		
			5000			37.83				38.78		
LTE Band 2	QPSK / 20M / 1RB Offset	18900	250		PASS	47.68	PASS		PASS	43.98	PASS	
			315			36.20				42.10		
			400	37.96		42.53		39.40		37.56		
			500	36.88		35.79		39.44		43.28		
			630	39.89		38.42		41.07		42.67		
			800	39.53		39.19		38.62		39.75		
			1000	35.64		39.91		36.50		34.71		
			1250	37.22		37.62		37.68		39.01		
			1600	40.26		40.30		39.35		40.68		
			2000	49.61		48.24		44.06		48.80		
			2500	50.63		51.65		43.13		46.52		
			3150	41.06		36.78		39.01		40.51		
			4000			46.38				43.53		
			5000			46.61				43.87		
LTE Band 5	QPSK / 10M / 1RB Offset	20525	250		PASS	45.57	PASS		PASS	47.46	PASS	
			315			35.47				36.92		
			400	40.84		38.56		37.29		36.99		
			500	34.90		36.91		41.85		42.58		
			630	37.80		39.04		40.07		41.39		
			800	36.74		37.67		38.24		39.10		
			1000	38.35		36.33		41.20		38.70		
			1250	37.47		36.71		37.24		39.57		
			1600	39.78		41.30		36.81		38.46		
			2000	49.33		47.08		45.32		47.20		
			2500	51.93		48.10		43.91		45.62		
			3150	37.55		38.43		43.76		42.50		
			4000			44.79				41.75		
			5000			44.85				41.91		
LTE Band 7	QPSK / 20M / 1RB Offset	2110	250		PASS	46.39	PASS		PASS	42.69	PASS	
			315			34.91				40.81		
			400	36.67		41.24		38.11		36.27		
			500	35.59		34.50		38.15		41.99		
			630	38.60		37.13		39.78		41.38		
			800	38.24		37.90		37.33		38.46		
			1000	34.35		38.62		35.21		33.42		
			1250	35.93		36.33		36.39		37.72		
			1600	36.97		39.01		38.06		39.39		
			2000			39.33		38.33		39.66		

			2000	48.32		46.95		42.77		47.51	
			2500	49.34		50.36		41.84		45.23	
			3150	39.77		35.49		37.72		39.22	
			4000			45.09				42.24	
			5000			42.92				43.73	
LTE Band 12	QPSK / 10M / 1RB Offset	23095	250		PASS	43.96	PASS		PASS	42.68	PASS
			315			37.15				38.00	
			400	38.29		40.91		36.79		37.82	
			500	37.35		38.64		41.37		40.20	
			630	39.32		40.36		41.01		42.82	
			800	38.50		36.93		37.64		39.04	
			1000	36.53		37.21		39.74		38.39	
			1250	37.24		38.32		36.75		39.60	
			1600	39.26		40.54		39.30		40.15	
			2000	44.39		42.71		46.23		48.78	
			2500	51.64		50.81		41.09		43.64	
			3150	37.72		36.11		40.18		41.91	
			4000			46.60				42.69	
			5000							46.84	
LTE Band 66	QPSK / 20M / 1RB Offset	132322	250		PASS	46.61	PASS		PASS	45.22	PASS
			315			37.52				37.87	
			400	41.17		41.76		37.42		38.89	
			500	37.73		36.53		40.40		41.77	
			630	38.11		39.52		43.15		39.67	
			800	36.80		37.10		38.54		39.20	
			1000	38.14		36.90		40.57		38.72	
			1250	36.47		37.11		36.35		37.27	
			1600	42.78		38.44		39.36		40.74	
			2000	47.56		46.39		45.57		48.38	
			2500	50.82		51.70		42.08		41.75	
			3150	36.20		38.22		44.33		47.76	
			4000			45.74				42.30	
			5000			42.68				49.60	
LTE Band 71	QPSK / 20M / 1RB Offset	133332	250		PASS	45.04	PASS		PASS	44.83	PASS
			315			40.26				39.78	
			400	40.28		41.56		37.00		37.76	
			500	38.14		40.49		41.47		43.82	
			630	39.77		39.41		39.95		41.26	
			800	37.83		38.25		38.57		39.85	
			1000	35.60		36.67		37.33		40.27	
			1250	37.29		36.27		37.23		38.03	
			1600	37.94		41.81		38.50		39.45	
			2000	47.93		49.79		48.79		47.68	
			2500	51.97		49.96		43.28		42.68	
			3150	38.06		37.56		40.30		41.43	
			4000			45.30				41.43	
			5000							50.35	
WLAN 2.4GHz	802.11n40 MCS0	6	250		PASS	39.82	PASS		PASS	40.61	PASS
			315			40.11				37.02	
			400	38.37		39.30		40.64		41.38	
			500	39.26		40.10		41.43		42.09	
			630	34.93		35.73		37.02		37.78	
			800	37.65		38.38		39.77		40.64	
			1000	38.03		38.76		40.14		40.85	
			1250	32.88		33.79		34.82		35.60	
			1600	36.62		37.30		36.51		39.23	
			2000	34.94		35.72		37.09		37.81	
			2500	35.47		36.26		37.63		38.33	
			3150	38.66		39.45		40.84		41.64	
			4000			35.66				37.79	
			5000			34.81				36.72	
WLAN 5.2GHz	802.11ac80	42	250		PASS	41.59	PASS		PASS	40.06	PASS
			315			38.71				41.29	
			400	40.26		41.26		39.35		39.62	
			500	41.03		40.19		41.29		39.51	
			630	38.15		39.27		42.15		41.03	
			800	37.61		40.36		40.28		38.16	
			1000	39.23		40.51		38.88		39.70	
			1250	40.56		38.18		42.16		40.37	
			1600	40.71		39.78		39.54		40.21	
			2000	42.26		42.25		42.27		42.86	
			2500	40.20		41.67		42.90		40.13	
			3150	39.54		40.16		41.03		41.26	
			4000			42.26				42.56	
			5000			41.88				40.68	
WLAN 5.3GHz	802.11ac80	58	250		PASS	41.20	PASS		PASS	40.52	PASS
			315			39.28				40.26	
			400	40.82		38.15		40.36		40.29	
			500	40.21		41.19		40.10		37.26	
			630	39.51		40.35		39.26		38.51	
			800	40.19		39.26		41.15		41.31	
			1000	41.20		40.12		38.26		38.26	
			1250	38.62		38.25		37.80		39.05	
			1600	39.25		39.20		38.21		40.54	
			2000	42.30		37.42		41.29		42.14	
			2500	42.62		42.13		42.36		41.85	
			3150	39.34		40.18		39.51		40.65	
			4000			42.34				42.29	
			5000			44.29				41.14	
WLAN 5.8GHz	802.11ac80	155	250		PASS	42.61	PASS		PASS	41.68	PASS
			315			39.14				39.26	
			400	40.62		40.69		38.29		38.21	
			500	42.24		38.35		40.85		40.23	
			630	39.33		40.29		39.27		41.28	
			800	39.76		38.26		40.14		40.14	
			1000	40.18		38.26		41.36		37.96	
			1250	36.71		39.71		40.42		40.20	
			1600	37.86		40.44		38.29		39.25	
			2000	44.30		42.25		43.18		42.68	
			2500	45.03		46.14		42.46		42.16	
			3150	38.34		40.62		40.69		42.39	
			4000			43.13				41.62	
			5000			41.72				45.21	