



REPORT No.: SZ25070279S02

Annex C Test Results of Distortion and Noise

Sample Technique			2N Mounting Force						
Air Interface	Radio Configuration	Channel	Nominal Center Frequency (Hz)	AMR-WB 12.2Kbps Distortion and Noise (dB)	AMR-WB 23.8Kbps Distortion and Noise (dB)	AMR-WB 32.0Kbps Distortion and Noise (dB)			
			Distortion and Noise (dB)	Distortion and Noise (dB)	Distortion and Noise (dB)				
GSM 850	GSM Voice	189	250	31.80		41.21			
			315	38.67		48.49			
			400	27.05	28.02	27.58			
			500	30.86	32.86	41.44			
			630	33.75	35.80	44.85			
			800	29.41	31.41	40.38			
			1000	28.92	30.89	39.55			
			1250	29.65	31.67	39.51			
			1600	38.72	40.78	49.79			
			2000	37.60	39.62	48.31			
			2500	38.54	40.53	49.38			
			3150	30.47	32.45	41.78			
			4000		34.59				
			5000		29.86				
			6000		33.65				
			GSM 1900	GSM Voice	661	250	31.80		41.21
315	38.67					48.49			
400	29.41	31.41				39.31			
500	32.75	34.75				43.42			
630	35.10	38.17				47.36			
800	31.45	33.80				42.28			
1000	30.85	32.87				41.57			
1250	30.87	32.88				42.25			
1600	40.52	42.53				51.97			
2000	39.63	41.58				50.33			
2500	40.54	42.49				51.28			
3150	32.97	34.84				44.14			
4000		36.60							
5000		32.31							
6000		34.89							
WCDMA II	AMR 12.2Kbps	9400				250	31.80		41.21
			315	38.67		48.49			
			400	30.15	30.25	41.01			
			500	34.18	32.40	44.86			
			630	37.81	39.84	48.67			
			800	32.84	34.86	43.51			
			1000	32.36	34.42	43.08			
			1250	32.89	34.91	43.36			
			1600	42.51	44.51	53.48			
			2000	41.06	43.05	52.00			
			2500	41.07	43.07	52.85			
			3150	34.25	36.33	45.67			
			4000		38.10				
			5000		33.35				
			6000		35.09				
			WCDMA IV	AMR 12.2Kbps	1413	250	31.80		41.21
315	38.67					48.49			
400	30.17	30.25				41.09			
500	34.23	36.18				45.05			
630	37.85	39.85				48.52			
800	32.68	34.67				43.58			
1000	32.44	34.38				43.00			
1250	32.96	34.98				43.47			
1600	42.57	44.54				53.34			
2000	40.91	43.01				52.09			
2500	42.09	44.12				52.94			
3150	34.34	36.33				45.56			
4000		37.89							
5000		33.54							
6000		34.89							
WCDMA V	AMR 12.2Kbps	4182				250	31.80		41.21
			315	38.67		48.49			
			400	30.43	30.51	43.07			
			500	34.23	36.18	45.05			
			630	37.82	39.84	48.61			
			800	32.87	34.89	43.68			
			1000	32.55	34.58	42.80			
			1250	32.77	34.83	43.37			
			1600	42.28	44.30	53.41			
			2000	40.89	42.93	51.88			
			2500	41.92	44.02	52.87			
			3150	34.09	36.14	45.47			
			4000		38.21				
			5000		33.39				
			6000		34.92				
			LTE Band 2	QPSK / 20M / 19B Outfall	19800	250	29.13	31.07	39.65
315	32.79	34.80				43.54			
400	36.48	38.44				47.27			
500	31.55	33.62				42.57			
630	30.92	33.00				41.85			
800	31.51	33.51				42.16			
1000	41.94	43.88				51.94			
1250	39.73	41.74				50.58			
1600	40.63	42.62				51.41			
2000	32.55	34.63				44.02			
2500		36.65							
3150		32.08							
4000		33.20							
5000		40.52							
6000		28.96							
LTE Band 5	QPSK / 15M / 19B Outfall	20525				250	32.95	34.99	43.55
			315	36.83	38.71	47.00			
			400	31.62	33.39	42.13			
			500	30.76	32.68	41.70			
			630	31.34	33.27	41.78			
			800	40.88	42.77	52.00			
			1000	39.39	41.41	50.32			
			1250	40.44	42.23	51.37			
			1600	32.80	34.89	44.29			
			2000		38.38				
			2500		31.45				
			3150		31.58				
			4000		38.43				
			5000		28.81				
			6000		32.73				
			LTE Band 7	QPSK / 20M / 19B Outfall	21100	250	31.37	31.28	42.13
315	30.70	30.61				41.51			
400	31.34	31.15				41.87			
500	40.90	42.73				51.99			
630	39.38	39.29				49.53			
800	40.49	40.18				50.18			
1000	32.90	32.62				43.10			
1250		34.40							
1600		31.33							
2000		38.62							
2500	28.35	28.31				38.41			
3150	32.28	32.33				42.49			
4000	35.93	35.88				46.29			
5000	31.06	31.04				40.88			
6000	30.40	30.43				40.47			
LTE Band 12	QPSK / 15M / 19B Outfall	23995				250	31.09	31.04	40.81
			315	40.81	40.55	50.88			
			400	39.24	39.19	49.34			
			500	40.17	39.51	50.13			
			630	32.18	32.17	43.05			
			800		34.34				
			1000		29.80				
			1250		34.29				
			1600		28.05				
			2000	29.37	29.33	40.97			
			2500	30.32	21.88	43.94			
			3150	22.43	25.70	47.43			
			4000	30.00	32.61	40.88			
			5000	33.88	36.52	43.35			
			6000	37.48	39.32	47.18			
			LTE Band 66	QPSK / 20M / 19B Outfall	132222	250	32.77	33.35	41.75
315	32.16	37.17				41.36			
400		33.45							
500		35.22							
630		33.32							
800	28.41	24.32				39.11			
900	29.30	29.82				42.98			
1000	27.47	26.74				46.47			
1100	29.07	31.05				38.34			
1200	32.90	38.58				42.42			
1300	36.52	38.38				46.22			
1400	31.81	32.39				40.79			
1500	31.20	38.21				40.40			
1600	39.88	31.38				49.93			
1700	31.50	40.83				39.78			
LTE Band 71	QPSK / 20M / 19B Outfall	133322				250	34.29		48.19
			315		36.40				
			400	30.15	29.17				
			500	30.15	22.40	42.89			
			600	31.10	22.10	46.46			
			700	29.37	29.82	49.95			
			800	31.81	29.13	41.62			
			900	34.84	36.84	49.30			
			1000	36.26	38.44	52.70			
			1100	33.55	35.47	44.27			
			1200	32.94	34.29	43.88			
			1300	41.62	43.44	53.86			
			1400	42.57	29.86	46.06			
			1500		30.57	50.82			
			WLAN 2.4GHz	802.11b	6	1000	34.84	36.84	49.30
						1100	36.26	38.44	52.70
1200	33.55	35.47				44.27			
1300	32.94	34.29				43.88			
1400	41.62	43.44				53.86			
1500	42.57	29.86				46.06			
1600		30.57				50.82			