



REPORT No.: SZ25110073S04

Annex C Test Results of Distortion and Noise

Sample Technique				2N Mounting Force				8N Mounting Force			
Air Interface	Radio Configuration	Channel	Nominal Center Frequency (Hz)	AMR-NB 12.2Kbps		AMR-WB23.85Kbps		AMR-NB 12.2Kbps		AMR-WB23.85Kbps	
				Distortion and Noise (dB)	Frequency Response	Distortion and Noise (dB)	Frequency Response	Distortion and Noise (dB)	Frequency Response	Distortion and Noise (dB)	Frequency Response
WCDMA BandII	AMR 12.2Kbps	9400	250		PASS	22.46	PASS		PASS	25.70	PASS
			315			22.46				26.24	
			400	22.84		23.61		26.49		26.87	
			500	22.96		23.37		26.46		26.71	
			630	23.65		22.26		26.88		25.86	
			800	24.11		23.23		28.31		28.07	
			1000	23.96		25.34		27.58		28.66	
			1250	25.73		22.26		30.02		25.68	
			1600	23.57		24.55		27.01		28.54	
			2000	25.40		27.26		28.60		29.96	
			2500	22.33		25.84		26.28		28.57	
			3150	22.01		23.10		25.25		26.35	
			4000			23.66				27.29	
			5000			22.99				25.58	
WCDMA BandIV	AMR 12.2Kbps	1413	250		PASS	22.26	PASS		PASS	26.16	PASS
			315			22.54				26.43	
			400	21.81		23.69		26.06		26.67	
			500	23.03		23.15		26.73		26.35	
			630	23.41		22.27		26.72		25.55	
			800	24.14		24.97		28.43		27.98	
			1000	24.19		25.41		28.41		28.96	
			1250	25.70		22.47		29.65		26.22	
			1600	23.50		24.54		26.83		27.74	
			2000	25.58		27.43		29.04		30.75	
			2500	22.61		26.07		26.49		30.02	
			3150	22.17		23.22		25.37		26.80	
			4000			22.94				26.09	
			5000			22.75				26.71	
WCDMA BandV	AMR 12.2Kbps	4182	250		PASS	22.47	PASS		PASS	25.50	PASS
			315			22.55				25.32	
			400	21.74		23.79		26.32		27.08	
			500	22.72		23.26		27.34		26.21	
			630	23.34		22.16		27.36		25.03	
			800	23.89		25.06		28.26		28.23	
			1000	23.99		25.32		27.21		28.13	
			1250	25.62		22.32		29.83		25.69	
			1600	23.44		24.44		27.53		27.78	
			2000	25.32		27.36		28.78		31.00	
			2500	22.54		25.85		25.96		29.71	
			3150	21.97		23.24		26.44		25.83	
			4000			22.79				26.37	
			5000			22.80				25.87	
LTE Band 2	QPSK / 20M / 1RB Offset	18900	250		PASS	22.24	PASS		PASS	24.90	PASS
			315			22.40				25.43	
			400	21.95		23.62		27.30		26.48	
			500	23.02		23.19		26.95		26.09	
			630	23.04		22.11		27.43		25.84	
			800	23.89		25.06		28.21		28.12	
			1000	24.16		25.29		27.17		29.06	
			1250	25.48		22.33		30.22		25.48	
			1600	23.64		24.39		27.84		27.22	
			2000	25.52		27.21		29.59		30.18	
			2500	22.33		25.90		26.43		29.58	
			3150	21.92		23.18		25.03		26.99	
			4000			22.73				26.37	
			5000			22.79				25.85	
LTE Band 4	QPSK / 10M / 1RB Offset	20175	250		PASS	22.46	PASS		PASS	25.19	PASS
			315			22.48				26.40	
			400	21.77		23.75		25.87		26.29	
			500	22.81		23.23		27.19		26.12	
			630	23.50		22.16		27.67		25.53	
			800	23.98		25.23		27.56		28.52	
			1000	24.10		25.36		28.46		28.47	
			1250	25.63		22.23		29.26		25.24	
			1600	23.56		24.59		27.47		28.48	
			2000	25.37		27.27		29.03		30.97	
			2500	22.48		26.05		26.63		29.37	
			3150	22.05		23.38		26.36		26.60	
			4000			22.66				26.46	
			5000			22.74				26.47	
LTE Band 5	QPSK / 10M / 1RB Offset	20525	250		PASS	22.31	PASS		PASS	25.01	PASS
			315			22.45				26.23	
			400	21.93		23.66		26.87		26.39	
			500	23.00		23.10		26.50		26.21	
			630	23.56		22.30		27.12		26.07	
			800	23.93		25.19		27.23		28.90	
			1000	24.12		25.46		28.01		28.38	
			1250	25.50		22.48		30.03		26.22	
			1600	23.33		24.57		26.72		28.25	
			2000	25.35		27.26		29.74		31.02	
			2500	22.34		25.99		26.28		29.96	
			3150	22.08		23.21		26.26		26.70	
			4000			22.70				25.97	
			5000			22.76				26.19	
			250			22.27				25.50	
			315			22.53				25.55	
			400	21.79		23.58		26.40		27.29	
			500	22.93		23.36		27.06		26.01	



LTE Band 12	QPSK / 10M / 1RB Offset	23095	630	23.37	PASS	22.08	PASS	26.86	PASS	24.65	PASS
			800	23.97		25.04		28.26		27.87	
			1000	24.12		25.34		27.99		28.65	
			1250	25.73		22.55		29.10		25.41	
			1600	23.65		24.39		27.98		27.59	
			2000	25.58		27.14		29.33		30.12	
			2500	22.48		26.13		26.66		29.39	
			3150	22.10		23.37		25.95		26.08	
			4000			22.74				25.31	
			5000			22.71				26.59	
			250			22.43				25.94	
			315			22.60				25.31	
LTE Band 14	QPSK / 10M / 1RB Offset	23330	400	21.73	PASS	23.67	PASS	26.30	PASS	27.26	PASS
			500	23.04		23.14		26.64		26.68	
			630	23.47		22.13		27.30		25.31	
			800	24.07		24.99		27.72		28.90	
			1000	24.05		25.34		27.77		28.81	
			1250	25.61		22.47		28.75		25.44	
			1600	23.44		24.41		26.67		27.61	
			2000	25.39		27.33		29.53		30.08	
			2500	22.58		25.87		25.53		29.76	
			3150	22.03		23.18		25.89		26.25	
			4000			22.95				26.70	
			5000			23.02				27.01	
LTE Band 17	QPSK / 10M / 1RB Offset	23790	250		PASS	22.28	PASS		PASS	24.83	PASS
			315			22.53				25.99	
			400	21.95		23.57		27.31		26.61	
			500	22.82		23.22		26.78		25.88	
			630	23.61		22.20		27.12		25.03	
			800	24.06		25.21		28.00		28.90	
			1000	23.88		25.36		27.37		29.23	
			1250	25.54		22.36		30.14		25.35	
			1600	23.44		24.58		27.34		27.89	
			2000	25.44		27.39		29.43		31.05	
			2500	22.36		26.07		26.29		29.13	
			3150	22.13		23.16		25.83		26.45	
LTE Band 25	QPSK / 10M / 1RB Offset	26365	4000		PASS	22.71	PASS		PASS	25.70	PASS
			5000			22.87				26.37	
			250			22.45				25.42	
			315			22.36				25.98	
			400	21.99		23.67		25.99		27.21	
			500	22.92		23.25		26.59		26.60	
			630	23.41		22.28		26.97		25.00	
			800	23.92		25.09		27.23		27.78	
			1000	24.13		25.40		27.26		29.05	
			1250	25.73		22.42		29.67		25.28	
			1600	23.58		24.49		26.86		27.37	
			2000	25.43		27.38		29.33		31.28	
LTE Band 30	QPSK / 10M / 1RB Offset	27710	2500	22.55	PASS	25.91	PASS	25.51	PASS	29.20	PASS
			3150	21.90		23.41		26.13		26.72	
			4000			22.80				26.35	
			5000			22.79				26.38	
			250			22.37				24.91	
			315			22.42				25.59	
			400	21.69		23.53		26.85		27.22	
			500	22.95		23.11		26.71		25.63	
			630	23.50		22.03		27.59		24.90	
			800	24.13		25.27		27.14		28.26	
			1000	24.06		25.51		27.48		29.14	
			1250	25.62		22.36		29.10		26.32	
LTE Band 41	QPSK / 10M / 1RB Offset	40620	1600	23.52	PASS	24.61	PASS	27.08	PASS	27.82	PASS
			2000	25.54		27.39		28.49		31.30	
			2500	22.56		25.82		26.10		29.57	
			3150	22.04		23.30		26.09		26.10	
			4000			22.75				25.57	
			5000			22.70				26.70	
			250			22.23				25.54	
			315			22.40				25.24	
			400	21.65		23.56		26.30		27.01	
			500	22.96		23.29		26.07		25.96	
			630	23.35		22.02		27.24		25.44	
			800	23.84		25.06		27.59		27.63	
LTE Band 66	QPSK / 20M / 1RB Offset	132322	1000	24.10	PASS	25.28	PASS	27.23	PASS	27.80	PASS
			1250	25.55		22.45		29.19		25.50	
			1600	23.67		24.49		26.61		27.16	
			2000	25.58		27.45		28.49		30.16	
			2500	22.62		26.08		25.63		29.54	
			3150	21.92		23.23		26.13		26.11	
			4000			22.73				26.29	
			5000			22.97				25.90	
			250			22.27				25.69	
			315			22.59				26.52	
			400	21.83		23.53		26.76		27.08	
			500	22.98		23.37		27.14		27.14	
LTE Band 66	QPSK / 20M / 1RB Offset	132322	630	23.40	PASS	22.02	PASS	27.43	PASS	25.53	PASS
			800	23.96		24.98		27.12		28.29	
			1000	23.88		25.45		26.97		29.09	
			1250	25.43		22.45		28.77		25.73	
			1600	23.37		24.54		26.76		28.22	
			2000	25.38		27.17		29.26		30.03	
			2500	22.62		26.07		26.40		29.01	
			3150	22.06		23.11		25.43		25.64	
			4000			22.76				25.33	
			250								
			315								
			400								

LTE Band 71	QPSK / 20M / 1RB Offset	133322	5000		PASS	22.80		PASS	26.60	PASS
			250			22.34			25.29	
			315			22.47			25.73	
			400	21.85		23.85	26.41		26.73	
			500	22.81		23.37	27.10		26.15	
			630	23.60		22.26	27.02		24.96	
			800	23.82		25.11	27.56		28.63	
			1000	23.92		25.33	27.90		28.67	
			1250	25.67		22.37	29.56		25.25	
			1600	23.51		24.60	26.87		27.18	
			2000	25.46		27.29	29.76		30.91	
			2500	22.44		26.01	26.70		29.79	
			3150	22.01		23.22	25.18		25.87	
			4000			22.90			25.97	
			5000			22.70			26.37	
5GNR n2	DFT-S-QPSK / 20M / 1RB 1offset	376000	250		PASS	22.84		PASS	26.16	PASS
			315			22.58			25.45	
			400	21.77		22.50	27.02		25.20	
			500	23.03		22.93	26.22		26.63	
			630	23.51		23.64	27.85		27.43	
			800	23.84		25.49	27.93		29.39	
			1000	23.90		24.74	27.88		27.73	
			1250	25.57		22.08	29.16		25.60	
			1600	23.45		23.58	27.84		26.21	
			2000	25.50		25.96	28.81		29.45	
			2500	22.43		26.97	26.82		29.88	
			3150	21.87		27.31	25.30		30.77	
			4000			26.27			29.89	
			5000			20.53			24.05	
5GNR n5	DFT-S-QPSK / 20M / 1RB 1offset	167300	250		PASS	22.99		PASS	26.31	PASS
			315			22.50			25.08	
			400	21.67		22.41	25.93		24.99	
			500	22.77		23.16	27.14		26.04	
			630	23.65		23.62	27.96		27.06	
			800	24.13		25.49	27.88		29.02	
			1000	24.00		24.76	28.33		28.05	
			1250	25.73		22.05	29.39		24.84	
			1600	23.65		23.58	26.94		26.96	
			2000	25.59		26.10	29.13		29.01	
			2500	22.54		26.87	25.77		30.45	
			3150	22.14		27.44	26.24		31.41	
			4000			26.19			28.77	
			5000			20.40			23.49	
5GNR n25	DFT-S-QPSK / 20M / 1RB 1offset	378500	250		PASS	22.96		PASS	25.84	PASS
			315			22.47			25.62	
			400	21.81		22.27	26.97		24.97	
			500	23.01		22.96	27.03		26.11	
			630	23.51		23.70	27.22		26.96	
			800	23.86		25.51	27.41		28.62	
			1000	24.06		24.48	27.48		27.78	
			1250	25.56		22.09	30.02		25.83	
			1600	23.40		23.69	27.18		26.30	
			2000	25.27		25.98	28.53		28.75	
			2500	22.35		26.89	26.40		30.47	
			3150	22.00		27.25	25.34		31.24	
			4000			26.27			28.79	
			5000			20.45			23.90	
5GNR n30	DFT-S-QPSK / 20M / 1RB 1offset	462000	250		PASS	23.05		PASS	26.92	PASS
			315			21.52			24.66	
			400	21.93		22.31	26.11		25.38	
			500	23.00		23.02	26.83		26.12	
			630	23.63		23.80	27.11		27.13	
			800	24.05		25.41	28.24		29.06	
			1000	24.06		24.51	28.33		27.02	
			1250	25.44		22.30	29.06		26.16	
			1600	23.34		23.72	27.30		27.60	
			2000	25.46		26.01	28.73		29.10	
			2500	22.50		26.93	26.40		29.95	
			3150	21.88		27.42	25.63		30.59	
			4000			26.31			29.84	
			5000			20.63			23.70	
5GNR n41	DFT-S-QPSK / 20M / 1RB 1offset	518598	250		PASS	23.03		PASS	26.28	PASS
			315			21.62			25.08	
			400	21.79		22.35	26.03		25.48	
			500	22.93		22.91	26.13		26.49	
			630	23.54		23.64	27.09		26.63	
			800	23.88		25.38	28.50		29.03	
			1000	23.93		24.74	27.65		28.45	
			1250	25.73		22.26	29.74		25.18	
			1600	23.42		23.66	27.25		27.19	
			2000	25.52		25.90	29.72		28.79	
			2500	22.47		27.10	25.50		30.46	
			3150	22.09		27.36	26.45		30.02	
			4000			26.29			28.90	
			5000			20.57			23.11	
5GNR n48	DFT-S-QPSK / 20M / 1RB 1offset	641666	250		PASS	22.92		PASS	25.86	PASS
			315			21.45			25.40	
			400	21.94		22.25	26.48		24.76	
			500	22.76		23.07	27.30		27.03	
			630	23.38		23.69	27.93		26.57	
			800	23.98		25.29	28.28		27.97	
			1000	23.99		24.75	27.39		28.05	
			1250	25.58		22.14	28.99		25.07	

			1600	23.35		23.56		26.78		27.01	
			2000	25.44		25.95		29.19		29.32	
			2500	22.53		26.81		26.45		30.18	
			3150	22.18		27.28		26.36		31.21	
			4000			26.27				28.96	
			5000			20.47				24.34	
5GNR n66	DFT-S-QPSK / 20M / 1RB 1offset	349000	250		PASS	22.94	PASS		PASS	26.54	PASS
			315			21.52				24.91	
			400	21.70		22.35		26.67		25.16	
			500	22.95		22.98		26.48		26.07	
			630	23.57		23.64		27.24		27.46	
			800	23.84		25.39		27.15		28.99	
			1000	24.11		24.56		27.32		27.95	
			1250	25.67		22.14		29.18		24.69	
			1600	23.34		23.66		27.54		27.00	
			2000	25.51		25.93		28.96		29.08	
			2500	22.63		26.91		25.50		29.97	
			3150	22.18		27.25		25.49		31.02	
			4000			26.15				28.95	
			5000			20.43				23.15	
			250		PASS	22.42	PASS		PASS	26.21	PASS
5GNR n71	DFT-S-QPSK / 100M / 1RB 1offset	136100	315			22.57				26.56	
			400	21.75		23.51		26.89		27.25	
			500	22.79		23.62		27.26		26.63	
			630	23.42		24.48		27.07		27.44	
			800	23.90		24.93		27.52		28.14	
			1000	23.97		25.53		27.75		28.55	
			1250	25.52		23.12		29.29		26.59	
			1600	23.42		24.83		27.26		28.08	
			2000	25.35		25.61		28.81		29.14	
			2500	22.38		23.91		25.37		27.31	
			3150	21.95		24.85		25.34		27.74	
			4000			24.07				26.77	
			5000			21.53				24.37	
			250		PASS	22.44	PASS		PASS	26.34	PASS
5GNR n77	DFT-S-QPSK / 100M / 1RB 1offset	650000	315			22.65				26.71	
			400	21.87		23.63		26.06		27.26	
			500	22.83		23.81		27.03		26.68	
			630	23.58		24.53		27.63		27.64	
			800	23.99		25.04		28.10		28.26	
			1000	24.02		25.57		28.08		28.72	
			1250	25.53		23.26		29.54		26.63	
			1600	23.48		24.99		27.56		28.11	
			2000	25.53		25.62		29.69		29.28	
			2500	22.47		24.08		26.63		27.49	
			3150	21.98		24.96		26.01		27.81	
			4000			24.27				26.97	
			5000			21.59				24.44	
			250		PASS	23.47	PASS		PASS	26.95	PASS
WLAN2.4G	802.11b 1Mbps	6	315			21.74				24.70	
			400	21.98		22.52		26.55		25.59	
			500	23.05		23.14		27.28		26.32	
			630	23.79		24.28		27.47		27.57	
			800	24.49		25.53		28.39		29.25	
			1000	24.25		24.90		28.36		27.24	
			1250	25.69		22.36		29.08		26.65	
			1600	23.54		23.75		27.74		27.96	
			2000	25.47		26.33		29.01		29.44	
			2500	22.87		26.98		26.81		30.06	
			3150	21.97		27.82		25.83		30.64	
			4000			26.46				29.86	
			5000			20.81				23.95	
			250		PASS	23.80	PASS		PASS	27.30	PASS
WLAN5.2G	802.11a 6Mbps	44	315			21.96				24.71	
			400	22.07		22.94		26.74		25.79	
			500	23.12		23.58		27.63		26.50	
			630	23.95		24.43		27.95		27.97	
			800	24.58		25.66		28.42		29.62	
			1000	24.56		25.13		28.37		27.27	
			1250	26.09		22.56		29.33		26.74	
			1600	23.76		23.78		28.09		28.37	
			2000	25.58		26.59		29.34		29.80	
			2500	23.22		27.30		27.11		30.19	
			3150	22.40		28.26		25.87		30.69	
			4000			26.63				30.31	
			5000			21.26				24.41	
			250		PASS	23.66	PASS		PASS	27.17	PASS
WLAN5.3G	802.11a 6Mbps	60	315			22.02				24.71	
			400	22.31		22.74		26.58		25.95	
			500	23.40		23.51		27.32		26.48	
			630	24.17		24.49		27.52		27.72	
			800	24.93		25.74		28.56		29.64	
			1000	24.50		25.10		28.38		27.24	
			1250	26.14		22.65		29.53		27.03	
			1600	23.93		23.92		27.87		27.96	
			2000	25.94		26.42		29.10		29.78	
			2500	23.31		27.04		27.24		30.29	
			3150	22.11		27.91		26.24		30.82	
			4000			26.70				30.00	
			5000			20.93				24.23	
			250		PASS	23.65	PASS		PASS	27.13	PASS
			315			21.95				25.07	
			400	22.02		22.58		27.03		25.99	

WLAN5.5G	802.11a 6Mbps	120	500	23.14	PASS	23.43	PASS	27.76	PASS	26.62	PASS
			630	24.19		24.32		27.86		27.87	
			800	24.97		25.88		28.45		29.37	
			1000	24.69		25.08		28.62		27.52	
			1250	26.12		22.80		29.21		27.13	
			1600	23.76		24.17		28.23		28.32	
			2000	25.77		26.42		29.25		29.46	
			2500	23.04		27.15		27.23		30.47	
			3150	22.26		28.16		25.90		30.78	
			4000			26.69				30.01	
			5000			20.87				24.45	
WLAN528G	802.11a 6Mbps	157	250		PASS	23.50	PASS		PASS	26.96	PASS
			315			21.85				24.82	
			400	22.43		22.95		26.98		26.02	
			500	23.12		23.32		27.55		26.45	
			630	23.91		24.42		27.52		28.00	
			800	24.67		25.60		28.55		29.35	
			1000	24.26		25.22		28.53		27.25	
			1250	26.08		22.37		29.33		27.14	
			1600	23.95		23.86		27.78		27.99	
			2000	25.57		26.54		29.01		29.48	
			2500	23.26		27.41		27.05		30.45	
			3150	22.33		28.23		26.23		30.90	
			4000			26.87				30.34	
			5000			21.13				24.20	