

Appendix E

Conducted RF Output Power



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Inspection & Testing Laboratory

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1 Conducted Power of Legacy

1.1 Conducted Power of Legacy(Ant1)

GSM 850 Full Power/Receive on/Receive off										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	31.14	31.29	31.66	32.00	-9.19	21.95	22.10	22.47	22.81
GPRS (GMSK)	1 TX Slot	31.22	31.28	31.59	32.00	-9.19	22.03	22.09	22.40	22.81
	2 TX Slots	29.14	29.26	29.14	29.50	-6.18	22.96	23.08	22.96	23.32
	3 TX Slots	26.82	26.67	26.60	27.00	-4.42	22.40	22.25	22.18	22.58
	4 TX Slots	25.23	25.31	25.45	25.50	-3.17	22.06	22.14	22.28	22.33
EGPRS (8PSK)	1 TX Slot	23.71	23.69	23.76	24.00	-9.19	14.52	14.50	14.57	14.81
	2 TX Slots	25.32	25.37	25.46	25.50	-6.18	19.14	19.19	19.28	19.32
	3 TX Slots	21.82	21.87	21.93	22.00	-4.42	17.40	17.45	17.51	17.58
	4 TX Slots	20.23	20.09	19.94	20.50	-3.17	17.06	16.92	16.77	17.33

WCDMA Band V Full Power/Receive on/Receive off					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.58	23.61	23.51	24.00
	12.2kbps AMR	23.72	23.7	23.56	24.00
HSUPA	Subtest 1	21.84	21.79	21.69	22.00
	Subtest 2	21.80	21.84	21.83	22.00
	Subtest 3	22.09	22.17	22.10	22.50
	Subtest 4	22.09	22.09	22.15	22.50
	Subtest 5	21.66	21.63	21.48	22.00

LTE Band 5 Full Power/Receive on/Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	24.11	24.10	24.20	24.50
		1	2	23.88	23.95	24.00	24.50
		1	5	24.40	24.32	24.37	24.50
		3	0	24.01	24.06	24.08	24.50
		3	2	24.16	24.26	24.24	24.50
		3	3	24.31	24.36	24.39	24.50
	16QAM	6	0	22.86	22.93	22.91	23.50
		1	0	23.20	23.30	23.33	23.50
		1	2	23.39	23.38	23.35	23.50
		1	5	23.01	23.06	23.06	23.50
		3	0	23.20	23.24	23.32	23.50
		3	2	23.42	23.36	23.31	23.50
	64QAM	3	3	23.26	23.25	23.21	23.50
		6	0	22.14	22.14	22.17	22.50
		1	0	22.25	22.35	22.34	22.50
		1	2	22.30	22.35	22.30	22.50
		1	5	22.08	22.05	22.15	22.50
		3	0	22.30	22.21	22.22	22.50
		3	2	21.97	22.07	22.12	22.50
		3	3	22.47	22.44	22.43	22.50
		6	0	21.50	21.40	21.38	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 20415	Channel 20525	Channel 20635	Tune up
3MHz	QPSK	1	0	23.97	24.00	24.07	24.50
		1	7	23.98	24.04	24.14	24.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 3 of 252

		1	14	24.40	24.31	24.26	24.50
		8	0	23.07	23.04	22.94	23.50
		8	4	23.17	23.23	23.26	23.50
		8	7	23.31	23.30	23.36	23.50
		15	0	22.90	22.99	22.89	23.50
	16QAM	1	0	23.26	23.24	23.17	23.50
		1	7	23.46	23.44	23.34	23.50
		1	14	22.95	23.03	23.06	23.50
		8	0	22.06	22.14	22.20	22.50
		8	4	22.30	22.40	22.39	22.50
	64QAM	8	7	22.21	22.18	22.25	22.50
		15	0	22.23	22.18	22.08	22.50
		1	0	22.34	22.42	22.39	22.50
		1	7	22.28	22.32	22.27	22.50
		1	14	22.25	22.15	22.24	22.50
		8	0	21.33	21.26	21.20	21.50
		8	4	21.15	21.06	20.99	21.50
		8	7	21.34	21.45	21.41	21.50
		15	0	21.34	21.37	21.37	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	24.06	24.10	24.04	24.50
		1	13	24.05	24.03	24.05	24.50
		1	24	24.42	24.35	24.44	24.50
		12	0	22.95	23.02	23.03	23.50
		12	6	23.23	23.13	23.14	23.50
	16QAM	12	13	23.31	23.39	23.36	23.50
		25	0	23.10	23.02	23.03	23.50
		1	0	23.24	23.27	23.30	23.50
		1	13	23.42	23.34	23.35	23.50
		1	24	23.02	23.04	23.03	23.50
	64QAM	12	0	22.26	22.21	22.16	22.50
		12	6	22.41	22.43	22.48	22.50
		12	13	22.20	22.21	22.15	22.50
		25	0	22.12	22.20	22.28	22.50
		1	0	22.38	22.41	22.39	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20525	/	
10MHz	QPSK	1	0	/	24.09	/	24.50
		1	25	/	24.10	/	24.50
		1	49	/	24.39	/	24.50
		25	0	/	23.05	/	23.50
		25	13	/	23.16	/	23.50
	16QAM	25	25	/	23.34	/	23.50
		50	0	/	23.03	/	23.50
		1	0	/	23.19	/	23.50
		1	25	/	23.36	/	23.50
		1	49	/	23.12	/	23.50
	64QAM	25	0	/	22.16	/	22.50
		25	13	/	22.37	/	22.50
		25	25	/	22.14	/	22.50
		50	0	/	22.23	/	22.50
		1	0	/	22.39	/	22.50
		1	25	/	22.24	/	22.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 4 of 252

		1	49	/	22.30	/	22.50
		25	0	/	21.35	/	21.50
		25	13	/	21.20	/	21.50
		25	25	/	21.38	/	21.50
		50	0	/	21.31	/	21.50

LTE FDD Band 12 Full Power/Receive on/Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	23.91	23.81	23.74	24.00
		1	2	23.82	23.81	23.83	24.00
		1	5	23.62	23.68	23.67	24.00
		3	0	23.91	23.89	23.92	24.00
		3	2	23.76	23.83	23.85	24.00
		3	3	24.02	23.99	23.94	24.00
		6	0	22.95	22.87	22.77	23.00
	16QAM	1	0	22.97	22.89	22.96	23.00
		1	2	22.83	22.92	22.92	23.00
		1	5	22.93	22.88	22.95	23.00
		3	0	22.99	22.90	22.89	23.00
		3	2	22.55	22.63	22.56	23.00
		3	3	22.85	22.91	22.85	23.00
		6	0	21.74	21.71	21.65	22.00
	64QAM	1	0	21.58	21.62	21.64	22.00
		1	2	21.73	21.77	21.68	22.00
		1	5	21.81	21.80	21.71	22.00
		3	0	21.92	21.82	21.79	22.00
		3	2	21.62	21.62	21.56	22.00
		3	3	21.73	21.69	21.62	22.00
		6	0	20.75	20.80	20.72	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	23.96	23.89	23.91	24.00
		1	7	23.94	23.84	23.74	24.00
		1	14	23.54	23.61	23.69	24.00
		8	0	22.85	22.81	22.77	23.00
		8	4	22.77	22.85	22.81	23.00
		8	7	22.94	22.90	22.80	23.00
		15	0	22.83	22.80	22.74	23.00
	16QAM	1	0	22.78	22.90	22.91	23.00
		1	7	22.83	22.93	22.83	23.00
		1	14	22.93	22.88	22.80	23.00
		8	0	21.90	21.93	21.98	22.00
		8	4	21.65	21.58	21.59	22.00
		8	7	21.83	21.88	21.96	22.00
		15	0	21.69	21.71	21.80	22.00
	64QAM	1	0	21.71	21.63	21.58	22.00
		1	7	21.79	21.85	21.84	22.00
		1	14	21.63	21.70	21.80	22.00
		8	0	20.83	20.81	20.89	21.00
		8	4	20.53	20.56	20.57	21.00
		8	7	20.77	20.79	20.80	21.00
		15	0	20.86	20.84	20.84	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.74	23.81	23.87	24.00
		1	13	23.87	23.84	23.91	24.00
		1	24	23.63	23.71	23.63	24.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 5 of 252

10MHz		12	0	22.88	22.83	22.84	23.00
		12	6	22.84	22.85	22.92	23.00
		12	13	22.86	22.88	22.98	23.00
		25	0	22.82	22.79	22.83	23.00
	16QAM	1	0	22.91	22.84	22.87	23.00
		1	13	22.93	22.84	22.80	23.00
		1	24	22.91	22.87	22.85	23.00
		12	0	21.94	21.90	21.99	22.00
		12	6	21.77	21.67	21.76	22.00
		12	13	21.99	21.91	21.79	22.00
		25	0	21.77	21.76	21.76	22.00
		25	0	21.77	21.76	21.76	22.00
	64QAM	1	0	21.58	21.68	21.61	22.00
		1	13	21.91	21.88	21.90	22.00
		1	24	21.62	21.67	21.66	22.00
		12	0	20.78	20.76	20.75	21.00
		12	6	20.71	20.64	20.62	21.00
		12	13	20.90	20.85	20.90	21.00
		25	0	20.92	20.88	20.86	21.00
		25	0	20.92	20.88	20.86	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					/	23095	/
		QPSK	1	0	/	23.81	/
			1	25	/	23.78	/
			1	49	/	23.79	/
			25	0	/	22.89	/
			25	13	/	22.88	/
			25	25	/	22.83	/
			50	0	/	22.98	/
			50	0	/	22.98	/
		16QAM	1	0	/	22.81	/
			1	25	/	22.78	/
			1	49	/	22.94	/
			25	0	/	21.80	/
			25	13	/	21.76	/
			25	25	/	21.99	/
			50	0	/	21.70	/
			50	0	/	21.70	/
		64QAM	1	0	/	21.76	/
			1	25	/	21.86	/
			1	49	/	21.73	/
			25	0	/	20.80	/
			25	13	/	20.74	/
			25	25	/	20.76	/
			50	0	/	20.79	/
			50	0	/	20.79	/

LTE FDD Band 17 Full Power/Receive on/Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	/	23.84	/	24.00
		1	13	/	23.41	/	24.00
		1	24	/	23.79	/	24.00
		12	0	/	22.76	/	23.00
		12	6	/	22.30	/	23.00
		12	13	/	22.75	/	23.00
		25	0	/	22.81	/	23.00
		25	0	/	22.81	/	23.00
	16QAM	1	0	/	22.28	/	23.00
		1	13	/	22.72	/	23.00
		1	24	/	23.00	/	23.00
		12	0	/	21.40	/	22.00
		12	6	/	21.82	/	22.00
		12	13	/	21.95	/	22.00
		12	13	/	21.95	/	22.00
		12	13	/	21.95	/	22.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 6 of 252

		25	0	/	21.60	/	22.00
	64QAM	1	0	/	21.69	/	22.00
		1	13	/	21.92	/	22.00
		1	24	/	21.49	/	22.00
		12	0	/	20.96	/	21.00
		12	6	/	20.98	/	21.00
		12	13	/	20.42	/	21.00
		25	0	/	20.93	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23790	/	
10MHz	QPSK	1	0	/	23.75	/	24.00
		1	25	/	23.34	/	24.00
		1	49	/	23.75	/	24.00
		25	0	/	22.83	/	23.00
		25	13	/	22.31	/	23.00
		25	25	/	22.73	/	23.00
		50	0	/	22.92	/	23.00
	16QAM	1	0	/	22.34	/	23.00
		1	25	/	22.81	/	23.00
		1	49	/	22.93	/	23.00
		25	0	/	21.42	/	22.00
		25	13	/	21.72	/	22.00
		25	25	/	21.96	/	22.00
		50	0	/	21.52	/	22.00
	64QAM	1	0	/	21.76	/	22.00
		1	25	/	21.91	/	22.00
		1	49	/	21.46	/	22.00
		25	0	/	20.86	/	21.00
		25	13	/	20.90	/	21.00
		25	25	/	20.51	/	21.00
		50	0	/	20.85	/	21.00

LTE Band 26 Full Power/Receive on/Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	23.57	23.50	23.41	24.00
		1	2	23.50	23.41	23.42	24.00
		1	5	23.55	23.54	23.62	24.00
		3	0	23.71	23.77	23.82	24.00
		3	2	23.42	23.40	23.49	24.00
		3	3	23.62	23.59	23.66	24.00
		6	0	22.56	22.65	22.72	23.00
	16QAM	1	0	22.48	22.40	22.40	23.00
		1	2	22.52	22.43	22.50	23.00
		1	5	22.72	22.65	22.72	23.00
		3	0	22.24	22.27	22.27	23.00
		3	2	22.45	22.35	22.31	23.00
		3	3	22.73	22.65	22.75	23.00
		6	0	21.31	21.33	21.35	22.00
	64QAM	1	0	21.64	21.56	21.62	22.00
		1	2	21.44	21.51	21.44	22.00
		1	5	21.49	21.44	21.50	22.00
		3	0	21.56	21.62	21.54	22.00
		3	2	21.79	21.74	21.69	22.00
		3	3	21.14	21.04	20.95	22.00
		6	0	20.59	20.49	20.39	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 7 of 252

3MHz	QPSK	1	0	23.50	23.41	23.38	24.00
		1	7	23.37	23.38	23.37	24.00
		1	14	23.47	23.56	23.48	24.00
		8	0	22.74	22.74	22.82	23.00
		8	4	22.38	22.35	22.32	23.00
		8	7	22.47	22.53	22.52	23.00
		15	0	22.68	22.69	22.63	23.00
	16QAM	1	0	22.29	22.30	22.28	23.00
		1	7	22.42	22.48	22.43	23.00
		1	14	22.75	22.69	22.74	23.00
		8	0	21.32	21.22	21.30	22.00
		8	4	21.45	21.42	21.47	22.00
		8	7	21.74	21.68	21.78	22.00
		15	0	21.30	21.35	21.33	22.00
	64QAM	1	0	21.43	21.51	21.59	22.00
		1	7	21.44	21.48	21.50	22.00
		1	14	21.48	21.48	21.56	22.00
		8	0	20.67	20.57	20.57	21.00
		8	4	20.81	20.78	20.88	21.00
		8	7	20.20	20.12	20.20	21.00
		15	0	20.49	20.47	20.54	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	23.53	23.45	23.39	24.00
		1	13	23.40	23.46	23.48	24.00
		1	24	23.40	23.50	23.59	24.00
		12	0	22.64	22.65	22.68	23.00
		12	6	22.41	22.42	22.48	23.00
		12	13	22.43	22.43	22.53	23.00
		25	0	22.68	22.72	22.63	23.00
	16QAM	1	0	22.36	22.40	22.37	23.00
		1	13	22.46	22.55	22.62	23.00
		1	24	22.75	22.65	22.63	23.00
		12	0	21.23	21.30	21.21	22.00
		12	6	21.40	21.47	21.46	22.00
		12	13	21.61	21.69	21.66	22.00
		25	0	21.34	21.41	21.40	22.00
	64QAM	1	0	21.65	21.57	21.48	22.00
		1	13	21.53	21.57	21.60	22.00
		1	24	21.41	21.40	21.41	22.00
		12	0	20.58	20.55	20.58	21.00
		12	6	20.66	20.73	20.67	21.00
		12	13	20.26	20.19	20.15	21.00
		25	0	20.49	20.57	20.56	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	23.46	23.46	23.44	24.00
		1	25	23.41	23.37	23.41	24.00
		1	49	23.58	23.50	23.60	24.00
		25	0	22.59	22.61	22.71	23.00
		25	13	22.38	22.44	22.36	23.00
		25	25	22.50	22.48	22.40	23.00
		50	0	22.71	22.64	22.68	23.00
	16QAM	1	0	22.37	22.41	22.36	23.00
		1	25	22.42	22.48	22.43	23.00
		1	49	22.68	22.65	22.64	23.00
		25	0	21.19	21.28	21.18	22.00
		25	13	21.49	21.51	21.49	22.00
		25	25	21.70	21.75	21.85	22.00
		50	0	21.39	21.37	21.39	22.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 8 of 252

		1	0	21.57	21.61	21.64	22.00
		1	25	21.64	21.56	21.46	22.00
		1	49	21.41	21.42	21.37	22.00
		25	0	20.55	20.65	20.63	21.00
		25	13	20.74	20.66	20.59	21.00
		25	25	20.24	20.18	20.28	21.00
		50	0	20.53	20.55	20.61	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	26865	/	
15MHz	QPSK	1	0	/	23.53	/	24.00
		1	38	/	23.44	/	24.00
		1	74	/	23.48	/	24.00
		36	0	/	22.59	/	23.00
		36	18	/	22.36	/	23.00
		36	39	/	22.43	/	23.00
		75	0	/	22.57	/	23.00
	16QAM	1	0	/	22.42	/	23.00
		1	38	/	22.39	/	23.00
		1	74	/	22.67	/	23.00
		36	0	/	21.36	/	22.00
		36	18	/	21.49	/	22.00
		36	39	/	21.66	/	22.00
		75	0	/	21.43	/	22.00
	64QAM	1	0	/	21.54	/	22.00
		1	38	/	21.56	/	22.00
		1	74	/	21.33	/	22.00
		36	0	/	20.56	/	21.00
		36	18	/	20.64	/	21.00
		36	39	/	20.26	/	21.00
		75	0	/	20.62	/	21.00

LTE Band 38 Full Power/Receive on/Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.33	22.38	22.46	22.50
		1	13	21.98	21.98	22.01	22.50
		1	24	22.19	22.09	22.02	22.50
		12	0	21.33	21.31	21.41	21.50
		12	6	21.15	21.25	21.33	21.50
		12	13	21.13	21.03	21.00	21.50
		25	0	21.27	21.29	21.22	21.50
	16QAM	1	0	20.93	20.97	21.07	21.50
		1	13	21.05	20.99	20.95	21.50
		1	24	21.00	21.06	21.06	21.50
		12	0	20.07	20.03	19.94	20.50
		12	6	19.94	19.98	19.99	20.50
		12	13	20.40	20.38	20.29	20.50
		25	0	19.91	19.90	19.94	20.50
	64QAM	1	0	20.15	20.20	20.23	20.50
		1	13	20.16	20.20	20.18	20.50
		1	24	19.97	20.06	20.08	20.50
		12	0	19.05	19.01	19.09	19.50
		12	6	19.41	19.36	19.42	19.50
		12	13	19.07	19.14	19.18	19.50
		25	0	19.12	19.09	19.18	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.41	22.33	22.27	22.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 9 of 252

		1	25	21.93	22.03	22.02	22.50
		1	49	22.02	22.11	22.12	22.50
		25	0	21.29	21.26	21.27	21.50
		25	13	21.16	21.19	21.23	21.50
		25	25	21.03	20.97	20.92	21.50
		50	0	21.34	21.24	21.32	21.50
	16QAM	1	0	21.07	21.04	21.07	21.50
		1	25	20.96	20.91	21.00	21.50
		1	49	21.02	21.11	21.20	21.50
		25	0	20.15	20.11	20.11	20.50
		25	13	20.04	20.06	20.16	20.50
		25	25	20.47	20.37	20.40	20.50
		50	0	20.04	19.95	19.86	20.50
	64QAM	1	0	20.03	20.11	20.20	20.50
		1	25	20.14	20.15	20.13	20.50
		1	49	19.88	19.97	19.89	20.50
		25	0	19.06	19.10	19.20	19.50
		25	13	19.33	19.34	19.32	19.50
		25	25	19.03	19.06	19.15	19.50
		50	0	19.05	19.00	18.99	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	22.33	22.34	22.33	22.50
		1	38	21.96	22.04	21.97	22.50
		1	74	22.20	22.12	22.12	22.50
		36	0	21.20	21.29	21.31	21.50
		36	18	21.21	21.12	21.11	21.50
		36	39	21.07	21.06	20.99	21.50
		75	0	21.18	21.19	21.25	21.50
	16QAM	1	0	20.99	21.04	21.13	21.50
		1	38	21.02	20.99	20.98	21.50
		1	74	21.27	21.21	21.14	21.50
		36	0	20.14	20.11	20.15	20.50
		36	18	20.12	20.07	20.08	20.50
		36	39	20.41	20.37	20.32	20.50
		75	0	20.05	19.99	20.04	20.50
	64QAM	1	0	20.03	20.06	20.04	20.50
		1	38	20.22	20.23	20.30	20.50
		1	74	20.00	20.02	19.96	20.50
		36	0	18.97	19.03	19.11	19.50
		36	18	19.37	19.28	19.36	19.50
		36	39	19.02	19.04	19.02	19.50
		75	0	19.15	19.10	19.06	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	22.28	/	22.50
		1	50	/	22.06	/	22.50
		1	99	/	22.05	/	22.50
		50	0	/	21.30	/	21.50
		50	25	/	21.03	/	21.50
		50	50	/	20.99	/	21.50
		100	0	/	21.29	/	21.50
	16QAM	1	0	/	21.08	/	21.50
		1	50	/	20.96	/	21.50
		1	99	/	21.20	/	21.50
		50	0	/	20.01	/	20.50
		50	25	/	19.97	/	20.50
		50	50	/	20.28	/	20.50
		100	0	/	19.95	/	20.50
	64QAM	1	0	/	20.05	/	20.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 10 of 252

		1	50	/	20.29	/	20.50
		1	99	/	19.97	/	20.50
		50	0	/	19.08	/	19.50
		50	25	/	19.37	/	19.50
		50	50	/	18.95	/	19.50
		100	0	/	19.06	/	19.50

LTE Band 41 2496 - 2690 Full Power/Receive on/Receive off				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	24	23.54	23.83	23.83	23.66	24.00
		1	13	23.58	23.13	23.58	23.6	23.43	24.00
		1	24	23.52	23.7	23.5	23.57	23.57	24.00
		12	0	22.81	22.84	22.95	22.48	22.54	23.00
		12	6	22.71	22.26	22.62	22.27	22.65	23.00
		12	13	22.51	22.83	22.55	22.87	22.64	23.00
	16QAM	25	0	22.69	22.66	22.97	22.77	22.7	23.00
		1	0	22.85	22.37	22.76	22.39	22.73	23.00
		1	13	22.29	22.48	22.43	22.46	22.68	23.00
		1	24	22.92	22.66	22.75	22.65	22.37	23.00
		12	0	21.54	21.17	21.87	21.44	21.61	22.00
		12	6	21.57	21.37	21.39	21.43	21.62	22.00
	64QAM	12	13	21.84	21.46	21.69	21.59	21.41	22.00
		25	0	21.73	21.17	21.84	21.29	21.61	22.00
		1	0	21.35	21.41	21.47	21.50	21.80	22.00
		1	13	21.82	21.47	21.64	21.55	21.20	22.00
		1	24	21.92	21.32	21.84	21.41	21.55	22.00
		12	0	20.42	20.38	20.43	20.31	20.90	21.00
10MHz	QPSK	12	6	20.97	20.54	20.53	20.57	20.52	21.00
		12	13	20.59	20.20	20.83	20.51	20.47	21.00
		25	0	20.38	20.47	20.46	20.57	20.83	21.00
	16QAM	1	0	39700	40160	40620	41080	41540	Tune up
		1	25	23.81	23.56	23.98	23.76	23.63	24.00
		1	49	23.54	23.17	23.64	23.51	23.45	24.00
		1	25	23.5	23.67	23.44	23.47	23.67	24.00
		25	0	22.98	22.77	23	22.54	22.61	23.00
		25	13	22.62	22.25	22.52	22.29	22.63	23.00
	64QAM	25	25	22.56	22.73	22.61	22.9	22.65	23.00
		50	0	22.72	22.69	22.91	22.77	22.6	23.00
		1	0	22.87	22.35	22.8	22.36	22.67	23.00
		1	25	22.3	22.53	22.33	22.44	22.65	23.00
		1	49	22.95	22.76	22.82	22.66	22.47	23.00
		25	0	21.62	21.15	21.78	21.46	21.58	22.00
15MHz	QPSK	25	13	21.55	21.35	21.33	21.49	21.66	22.00
		25	25	21.94	21.49	21.59	21.49	21.4	22.00
		50	0	21.75	21.25	21.85	21.3	21.56	22.00
	16QAM	1	0	21.30	21.41	21.45	21.44	21.77	22.00
		1	25	21.98	21.45	21.69	21.45	21.29	22.00
		1	49	21.86	21.23	21.75	21.31	21.58	22.00
	64QAM	25	0	20.38	20.41	20.51	20.40	20.85	21.00
		25	13	20.95	20.48	20.51	20.59	20.47	21.00
		25	25	20.59	20.10	20.82	20.41	20.42	21.00
		50	0	20.38	20.50	20.45	20.60	20.88	21.00
	QPSK	1	0	39725	40173	40620	41068	41515	Tune up
		1	38	23.94	23.63	23.91	23.69	23.61	24.00
		1	38	23.51	23.21	23.63	23.52	23.48	24.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 11 of 252

		1	74	23.47	23.59	23.54	23.7	23.66	24.00
		36	0	22.89	22.71	22.94	22.61	22.55	23.00
		36	18	22.64	22.28	22.61	22.33	22.57	23.00
		36	39	22.63	22.65	22.53	22.83	22.71	23.00
		75	0	22.81	22.72	22.81	22.68	22.58	23.00
	16QAM	1	0	22.82	22.29	22.87	22.38	22.66	23.00
		1	38	22.37	22.57	22.35	22.54	22.7	23.00
		1	74	22.96	22.67	22.74	22.71	22.47	23.00
		36	0	21.71	21.23	21.87	21.39	21.66	22.00
		36	18	21.49	21.43	21.34	21.47	21.58	22.00
		36	39	21.97	21.55	21.65	21.58	21.4	22.00
		75	0	21.73	21.21	21.8	21.4	21.6	22.00
	64QAM	1	0	21.38	21.42	21.36	21.50	21.80	22.00
		1	38	21.94	21.52	21.60	21.53	21.38	22.00
		1	74	21.77	21.19	21.77	21.39	21.50	22.00
		36	0	20.36	20.47	20.45	20.45	20.98	21.00
		36	18	20.86	20.58	20.60	20.54	20.40	21.00
		36	39	20.68	20.13	20.78	20.45	20.49	21.00
		75	0	20.39	20.49	20.46	20.51	20.85	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	23.86	23.6	23.85	23.66	23.61	24.00
		1	50	23.61	23.27	23.64	23.43	23.47	24.00
		1	99	23.56	23.65	23.57	23.74	23.58	24.00
		50	0	22.89	22.61	22.86	22.7	22.65	23.00
		50	25	22.66	22.28	22.71	22.37	22.57	23.00
		50	50	22.57	22.55	22.49	22.73	22.66	23.00
		100	0	22.91	22.63	22.81	22.66	22.56	23.00
	16QAM	1	0	22.76	22.21	22.79	22.44	22.64	23.00
		1	50	22.47	22.53	22.39	22.64	22.68	23.00
		1	99	22.89	22.59	22.75	22.67	22.48	23.00
		50	0	21.79	21.31	21.77	21.34	21.61	22.00
		50	25	21.51	21.48	21.33	21.54	21.68	22.00
		50	50	21.87	21.63	21.73	21.6	21.44	22.00
		100	0	21.8	21.28	21.71	21.42	21.51	22.00
	64QAM	1	0	21.44	21.46	21.35	21.54	21.78	22.00
		1	50	21.90	21.56	21.69	21.55	21.38	22.00
		1	99	21.82	21.20	21.74	21.48	21.46	22.00
		50	0	20.42	20.43	20.39	20.51	20.88	21.00
		50	25	20.85	20.49	20.63	20.46	20.42	21.00
		50	50	20.72	20.21	20.75	20.47	20.48	21.00
		100	0	20.46	20.42	20.39	20.46	20.96	21.00



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1.2 Conducted Power of Legacy(Ant2)

GSM 1900 Full Power/Receive on										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	27.69	27.73	27.77	28.00	-9.19	18.50	18.54	18.58	18.81
GPRS (GMSK)	1 TX Slot	27.78	27.82	27.81	28.00	-9.19	18.59	18.63	18.62	18.81
	2 TX Slots	21.17	21.25	21.35	21.50	-6.18	14.99	15.07	15.17	15.32
	3 TX Slots	20.24	20.38	20.49	20.50	-4.42	15.82	15.96	16.07	16.08
	4 TX Slots	20.06	20.26	20.19	20.50	-3.17	16.89	17.09	17.02	17.33
EGPRS (8PSK)	1 TX Slot	24.02	24.16	24.03	24.50	-9.19	14.83	14.97	14.84	15.31
	2 TX Slots	21.52	21.54	21.60	22.00	-6.18	15.34	15.36	15.42	15.82
	3 TX Slots	19.50	19.63	19.68	20.00	-4.42	15.08	15.21	15.26	15.58
	4 TX Slots	18.37	18.34	18.38	18.50	-3.17	15.20	15.17	15.21	15.33

GSM 1900 Receive off										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	24.71	24.71	24.81	25.00	-9.19	15.52	15.52	15.62	15.81
GPRS (GMSK)	1 TX Slot	24.80	24.81	24.77	25.00	-9.19	15.61	15.62	15.58	15.81
	2 TX Slots	18.14	18.27	18.33	18.50	-6.18	11.96	12.09	12.15	12.32
	3 TX Slots	17.32	17.36	17.46	17.50	-4.42	12.90	12.94	13.04	13.08
	4 TX Slots	17.07	17.34	17.11	17.50	-3.17	13.90	14.17	13.94	14.33
EGPRS (8PSK)	1 TX Slot	21.09	21.18	21.12	21.50	-9.19	11.90	11.99	11.93	12.31
	2 TX Slots	18.59	18.62	18.60	19.00	-6.18	12.41	12.44	12.42	12.82
	3 TX Slots	16.58	16.60	16.66	17.00	-4.42	12.16	12.18	12.24	12.58
	4 TX Slots	15.32	15.31	15.41	15.50	-3.17	12.15	12.14	12.24	12.33

WCDMA Band II Full Power/Receive on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.18	22.29	22.09	22.50
	12.2kbps AMR	22.38	22.25	22.5	22.50
HSUPA	Subtest 1	20.48	20.58	20.62	21.00
	Subtest 2	20.77	20.89	20.87	21.00
	Subtest 3	20.60	20.74	20.75	21.00
	Subtest 4	20.45	20.29	20.12	20.50
	Subtest 5	20.03	20.17	20.20	20.50

WCDMA Band II Receive off					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	17.15	17.25	17.05	17.50
	12.2kbps AMR	17.31	17.32	17.31	17.50
HSUPA	Subtest 1	15.50	15.59	15.62	16.00
	Subtest 2	15.80	15.88	15.87	16.00
	Subtest 3	15.65	15.70	15.79	16.00
	Subtest 4	15.41	15.34	15.16	15.50
	Subtest 5	14.94	15.21	15.26	15.50

WCDMA Band IV Full Power/Receive on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.72	21.78	21.71	22.00
	12.2kbps AMR	21.37	21.61	21.54	22.00
HSUPA	Subtest 1	19.58	19.58	19.62	20.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 13 of 252

	Subtest 2	19.82	19.96	19.92	20.00
	Subtest 3	19.75	19.82	19.91	20.00
	Subtest 4	19.62	19.75	19.55	20.00
	Subtest 5	19.26	19.35	19.23	19.50

WCDMA Band IV Receive off					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	17.15	17.22	17.15	17.50
	12.2kbps AMR	16.92	17.11	16.95	17.50
HSUPA	Subtest 1	14.99	15.13	15.16	15.50
	Subtest 2	15.34	15.41	15.49	15.50
	Subtest 3	15.23	15.31	15.48	15.50
	Subtest 4	15.14	15.22	15.03	15.50
	Subtest 5	14.73	14.85	14.68	15.00

LTE Band 2 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	18607	18900	19193	22.50
		1	2	22.10	21.81	21.99	22.50
		1	5	21.87	22.10	21.85	22.50
		3	0	21.88	22.10	21.85	22.50
		3	2	22.03	22.22	21.95	22.50
		3	3	21.79	21.93	22.25	22.50
	16QAM	6	0	21.39	21.14	20.94	21.50
		1	0	21.07	21.09	20.94	21.50
		1	2	21.03	20.91	21.44	21.50
		1	5	21.26	20.94	20.85	21.50
		3	0	21.15	21.16	21.01	21.50
		3	2	21.15	20.96	21.11	21.50
	64QAM	3	3	21.26	20.96	20.86	21.50
		6	0	20.34	20.13	19.98	20.50
		1	0	20.34	19.68	20.35	20.50
		1	2	20.21	19.86	19.96	20.50
		1	5	20.29	20.42	20.18	20.50
		3	0	20.35	20.03	20.38	20.50
3MHz	QPSK	3	2	20.23	19.75	19.96	20.50
		3	3	20.06	20.15	20.19	20.50
		6	0	19.25	18.82	19.38	19.50
	16QAM	1	0	21.99	22.05	22.24	22.50
		1	7	22.01	21.91	21.97	22.50
		1	14	21.97	22.08	21.89	22.50
	64QAM	8	0	20.96	21.09	20.82	21.50
		8	4	21.09	21.13	20.86	21.50
		8	7	20.88	20.92	21.30	21.50
	16QAM	15	0	21.29	21.20	21.00	21.50
		1	0	21.12	21.12	20.93	21.50
		1	7	21.07	20.82	21.40	21.50
		1	14	21.23	20.90	20.86	21.50
	64QAM	8	0	20.07	20.17	20.09	20.50
		8	4	20.06	20.02	20.11	20.50
		8	7	20.24	20.00	19.88	20.50
		15	0	20.39	20.10	20.03	20.50
		1	0	20.25	19.75	20.45	20.50
		1	7	20.13	19.78	19.87	20.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 14 of 252

		1	14	20.26	20.50	20.08	20.50
		8	0	19.33	19.03	19.46	19.50
		8	4	19.20	18.81	18.87	19.50
		8	7	19.16	19.16	19.23	19.50
		15	0	19.20	18.89	19.31	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	22.05	22.00	22.19	22.50
		1	13	21.94	21.90	21.92	22.50
		1	24	21.90	22.07	21.99	22.50
		12	0	20.96	21.01	20.89	21.50
		12	6	21.12	21.16	20.90	21.50
		12	13	20.98	21.01	21.30	21.50
		25	0	21.27	21.22	20.90	21.50
	16QAM	1	0	21.11	21.03	20.95	21.50
		1	13	21.00	20.84	21.40	21.50
		1	24	21.21	20.88	20.88	21.50
		12	0	20.05	20.15	20.02	20.50
		12	6	20.15	20.06	20.18	20.50
		12	13	20.30	19.94	19.93	20.50
		25	0	20.39	20.20	20.03	20.50
	64QAM	1	0	20.23	19.83	20.25	20.50
		1	13	20.21	19.81	19.97	20.50
		1	24	20.17	20.43	20.08	20.50
		12	0	19.33	18.94	19.41	19.50
		12	6	19.21	18.85	18.89	19.50
		12	13	19.26	19.11	19.15	19.50
		25	0	19.20	18.91	19.30	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	22.09	22.09	22.16	22.50
		1	25	21.93	21.99	22.02	22.50
		1	49	21.93	22.08	22.04	22.50
		25	0	21.02	21.05	20.99	21.50
		25	13	21.05	21.19	20.95	21.50
		25	25	21.00	20.92	21.34	21.50
		50	0	21.33	21.12	20.98	21.50
	16QAM	1	0	21.03	21.13	21.00	21.50
		1	25	21.02	20.91	21.32	21.50
		1	49	21.16	20.92	20.95	21.50
		25	0	20.08	20.19	20.00	20.50
		25	13	20.25	20.14	20.18	20.50
		25	25	20.36	19.85	19.92	20.50
		50	0	20.32	20.30	20.07	20.50
	64QAM	1	0	20.17	19.93	20.46	20.50
		1	25	20.33	19.91	19.90	20.50
		1	49	20.19	20.40	19.98	20.50
		25	0	19.26	19.00	19.33	19.50
		25	13	19.27	18.82	18.83	19.50
		25	25	19.33	19.03	19.06	19.50
		50	0	19.26	18.88	19.27	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.13	22.14	22.12	22.50
		1	38	22.01	22.05	22.11	22.50
		1	74	21.91	22.07	22.14	22.50
		36	0	21.09	21.02	20.99	21.50
		36	18	21.15	21.16	21.05	21.50
		36	39	21.09	20.91	21.26	21.50
		75	0	21.32	21.07	21.07	21.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 15 of 252

	16QAM	1	0	21.09	21.11	20.94	21.50
		1	38	21.09	20.99	21.24	21.50
		1	74	21.25	21.01	21.04	21.50
		36	0	20.14	20.24	19.92	20.50
		36	18	20.18	20.08	20.21	20.50
		36	39	20.39	19.79	19.92	20.50
		75	0	20.26	20.34	20.02	20.50
	64QAM	1	0	20.11	20.02	20.44	20.50
		1	38	20.46	19.88	19.80	20.50
		1	74	20.27	20.31	20.05	20.50
		36	0	19.19	18.93	19.37	19.50
		36	18	19.35	18.84	18.88	19.50
		36	39	19.33	19.13	19.15	19.50
		75	0	19.22	18.86	19.22	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 18700	Channel 18900	Channel 19100	Tune up
20MHz	QPSK	1	0	22.11	22.12	22.03	22.50
		1	50	22.03	22.04	22.04	22.50
		1	99	22.00	22.16	22.15	22.50
		50	0	21.15	20.95	21.00	21.50
		50	25	21.10	21.15	21.10	21.50
		50	50	21.08	21.00	21.25	21.50
		100	0	21.22	21.00	20.97	21.50
	16QAM	1	0	21.16	21.16	21.00	21.50
		1	50	21.17	21.01	21.27	21.50
		1	99	21.26	20.94	20.95	21.50
		50	0	20.16	20.25	19.96	20.50
		50	25	20.14	19.98	20.31	20.50
		50	50	20.36	19.84	20.00	20.50
		100	0	20.23	20.27	19.99	20.50
	64QAM	1	0	20.15	19.93	20.39	20.50
		1	50	20.40	19.80	19.90	20.50
		1	99	20.26	20.23	19.96	20.50
		50	0	19.20	18.99	19.35	19.50
		50	25	19.31	18.76	18.80	19.50
		50	50	19.35	19.15	19.05	19.50
		100	0	19.21	18.93	19.26	19.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 16 of 252

LTE Band 2 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	16.49	16.70	16.67	17.00
		1	2	16.69	16.33	16.57	17.00
		1	5	16.36	16.58	16.40	17.00
		3	0	16.43	16.51	16.35	17.00
		3	2	16.51	16.68	16.44	17.00
		3	3	16.31	16.38	16.78	17.00
		6	0	16.83	16.68	16.40	17.00
	16QAM	1	0	16.61	16.64	16.39	17.00
		1	2	16.48	16.41	17.03	17.00
		1	5	16.74	16.37	16.33	17.00
		3	0	16.62	16.67	16.51	17.00
		3	2	16.69	16.49	16.69	17.00
		3	3	16.71	16.46	16.39	17.00
		6	0	16.80	16.69	16.50	17.00
	64QAM	1	0	16.86	16.20	16.87	17.00
		1	2	16.68	16.40	16.46	17.00
		1	5	16.75	16.88	16.74	17.00
		3	0	16.90	16.54	16.97	17.00
		3	2	16.80	16.29	16.49	17.00
		3	3	16.55	16.70	16.62	17.00
		6	0	16.81	16.24	16.97	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	16.49	16.63	16.74	17.00
		1	7	16.52	16.23	16.53	17.00
		1	14	16.33	16.69	16.30	17.00
		8	0	16.35	16.51	16.29	17.00
		8	4	16.61	16.78	16.54	17.00
		8	7	16.20	16.35	16.73	17.00
		15	0	16.85	16.61	16.50	17.00
	16QAM	1	0	16.64	16.61	16.52	17.00
		1	7	16.56	16.33	16.88	17.00
		1	14	16.82	16.53	16.27	17.00
		8	0	16.71	16.61	16.49	17.00
		8	4	16.61	16.48	16.66	17.00
		8	7	16.78	16.43	16.36	17.00
		15	0	16.78	16.64	16.54	17.00
	64QAM	1	0	16.82	16.22	16.80	17.00
		1	7	16.63	16.34	16.42	17.00
		1	14	16.72	16.95	16.69	17.00
		8	0	16.80	16.45	16.87	17.00
		8	4	16.80	16.23	16.48	17.00
		8	7	16.57	16.71	16.78	17.00
		15	0	16.78	16.25	16.94	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	16.58	16.52	16.79	17.00
		1	13	16.64	16.37	16.58	17.00
		1	24	16.28	16.64	16.34	17.00
		12	0	16.30	16.66	16.30	17.00
		12	6	16.51	16.67	16.43	17.00
		12	13	16.27	16.42	16.72	17.00
		25	0	16.91	16.55	16.42	17.00
	16QAM	1	0	16.53	16.55	16.47	17.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 17 of 252

		1	13	16.62	16.44	16.89	17.00
		1	24	16.81	16.46	16.30	17.00
		12	0	16.64	16.65	16.50	17.00
		12	6	16.61	16.52	16.68	17.00
		12	13	16.79	16.46	16.28	17.00
		25	0	16.92	16.54	16.41	17.00
	64QAM	1	0	16.76	16.21	16.86	17.00
		1	13	16.80	16.30	16.52	17.00
		1	24	16.78	16.90	16.62	17.00
		12	0	16.94	16.49	16.85	17.00
		12	6	16.80	16.20	16.41	17.00
		12	13	16.61	16.72	16.69	17.00
		25	0	16.70	16.36	16.84	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	16.42	16.52	16.75	17.00
		1	25	16.56	16.25	16.55	17.00
		1	49	16.31	16.61	16.38	17.00
		25	0	16.47	16.62	16.27	17.00
		25	13	16.44	16.80	16.47	17.00
		25	25	16.27	16.39	16.81	17.00
	16QAM	50	0	16.87	16.58	16.40	17.00
		1	0	16.62	16.60	16.35	17.00
		1	25	16.53	16.42	16.97	17.00
		1	49	16.73	16.41	16.40	17.00
		25	0	16.60	16.69	16.58	17.00
		25	13	16.60	16.48	16.64	17.00
	64QAM	25	25	16.73	16.43	16.38	17.00
		50	0	16.76	16.70	16.46	17.00
		1	0	16.82	16.18	16.83	17.00
		1	25	16.67	16.30	16.47	17.00
		1	49	16.79	16.96	16.77	17.00
		25	0	16.78	16.62	16.79	17.00
15MHz	QPSK	25	13	16.75	16.34	16.54	17.00
		25	25	16.52	16.57	16.72	17.00
		50	0	16.76	16.36	16.91	17.00
	16QAM	1	0	16.44	16.63	16.66	17.00
		1	38	16.65	16.38	16.46	17.00
		1	74	16.28	16.58	16.40	17.00
		36	0	16.39	16.56	16.33	17.00
		36	18	16.61	16.70	16.36	17.00
		36	39	16.32	16.39	16.68	17.00
	64QAM	75	0	16.96	16.60	16.42	17.00
		1	0	16.53	16.59	16.44	17.00
		1	38	16.45	16.34	16.88	17.00
		1	74	16.78	16.35	16.27	17.00
		36	0	16.59	16.68	16.46	17.00
		36	18	16.73	16.39	16.57	17.00
Bandwidth	Modulation	36	39	16.79	16.52	16.32	17.00
		75	0	16.88	16.56	16.55	17.00
		1	0	16.90	16.25	16.76	17.00
		1	38	16.70	16.36	16.37	17.00
		1	74	16.82	16.95	16.74	17.00
		36	0	16.91	16.53	16.97	17.00
	16QAM	36	18	16.71	16.18	16.47	17.00
		36	39	16.53	16.67	16.64	17.00
		75	0	16.80	16.40	16.89	17.00
	64QAM	1	0	16.44	16.63	16.66	17.00
		1	38	16.65	16.38	16.46	17.00
		1	74	16.28	16.58	16.40	17.00
		36	0	16.39	16.56	16.33	17.00
		36	18	16.61	16.70	16.36	17.00
		36	39	16.32	16.39	16.68	17.00
	Bandwidth	75	0	16.96	16.60	16.42	17.00
		1	0	16.53	16.59	16.44	17.00
		1	38	16.45	16.34	16.88	17.00
		1	74	16.78	16.35	16.27	17.00
		36	0	16.59	16.68	16.46	17.00
		36	18	16.73	16.39	16.57	17.00
	Modulation	36	39	16.79	16.52	16.32	17.00
		75	0	16.88	16.56	16.55	17.00
		1	0	16.90	16.25	16.76	17.00
		1	38	16.70	16.36	16.37	17.00
		1	74	16.82	16.95	16.74	17.00
		36	0	16.91	16.53	16.97	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 18 of 252

				18700	18900	19100	
20MHz	QPSK	1	0	16.41	16.56	16.83	17.00
		1	50	16.63	16.29	16.52	17.00
		1	99	16.44	16.55	16.38	17.00
		50	0	16.42	16.51	16.36	17.00
		50	25	16.61	16.76	16.39	17.00
		50	50	16.21	16.34	16.83	17.00
	16QAM	100	0	16.89	16.69	16.44	17.00
		1	0	16.64	16.62	16.40	17.00
		1	50	16.60	16.34	17.00	17.00
		1	99	16.83	16.41	16.30	17.00
		50	0	16.57	16.58	16.57	17.00
		50	25	16.67	16.53	16.62	17.00
	64QAM	50	50	16.81	16.51	16.36	17.00
		100	0	16.81	16.66	16.47	17.00
		1	0	16.87	16.22	16.84	17.00
		1	50	16.71	16.33	16.53	17.00
		1	99	16.74	16.91	16.61	17.00
		50	0	16.89	16.61	16.88	17.00
		50	25	16.75	16.30	16.40	17.00
		50	50	16.47	16.61	16.66	17.00
		100	0	16.82	16.28	16.81	17.00

LTE Band 4 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.38	21.31	21.33	21.50
		1	2	21.05	21.00	20.92	21.50
		1	5	21.14	21.19	21.13	21.50
		3	0	21.29	21.34	21.32	21.50
		3	2	21.24	21.27	21.37	21.50
		3	3	20.89	20.86	20.83	21.50
	16QAM	6	0	19.94	19.98	20.04	20.50
		1	0	20.06	19.99	20.03	20.50
		1	2	20.21	20.22	20.28	20.50
		1	5	20.11	20.20	20.11	20.50
		3	0	19.94	19.88	19.84	20.50
		3	2	20.09	20.14	20.09	20.50
	64QAM	3	3	20.19	20.23	20.20	20.50
		6	0	19.09	19.06	18.97	19.50
		1	0	19.22	19.20	19.20	19.50
		1	2	19.06	19.06	18.98	19.50
		1	5	19.21	19.27	19.33	19.50
		3	0	19.25	19.26	19.17	19.50
3MHz	QPSK	3	2	18.88	18.95	19.03	19.50
		3	3	18.98	18.95	18.88	19.50
		6	0	18.42	18.31	18.34	18.50
	16QAM	1	0	21.40	21.39	21.46	21.50
		1	7	20.97	20.96	20.89	21.50
		1	14	21.23	21.21	21.11	21.50
		8	0	20.32	20.36	20.28	20.50
		8	4	20.16	20.21	20.29	20.50
		8	7	19.94	19.94	19.94	20.50
		15	0	20.09	20.07	19.98	20.50
		1	0	20.00	19.91	19.87	20.50
		1	7	20.14	20.15	20.07	20.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 19 of 252

		1	14	20.17	20.14	20.19	20.50	
		8	0	18.82	18.87	18.97	19.50	
		8	4	18.99	19.08	19.18	19.50	
		8	7	19.18	19.21	19.29	19.50	
		15	0	18.98	18.99	18.96	19.50	
	64QAM	1	0	19.17	19.18	19.28	19.50	
		1	7	19.15	19.11	19.11	19.50	
		1	14	19.24	19.20	19.27	19.50	
		8	0	18.24	18.34	18.39	18.50	
		8	4	17.84	17.92	17.98	18.50	
	8	7	17.96	18.00	17.96	18.50		
	15	0	18.34	18.41	18.33	18.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	1	0	21.51	21.42	21.35	21.50	
		1	13	20.99	21.03	21.11	21.50	
		1	24	21.38	21.30	21.33	21.50	
		12	0	20.30	20.28	20.24	20.50	
		12	6	20.22	20.24	20.23	20.50	
		12	13	19.93	20.01	20.08	20.50	
	16QAM	25	0	20.00	20.06	20.04	20.50	
		1	0	19.86	19.95	20.02	20.50	
		1	13	20.26	20.17	20.21	20.50	
		1	24	20.18	20.17	20.14	20.50	
		12	0	18.91	18.95	18.92	19.50	
		12	6	19.12	19.18	19.23	19.50	
	64QAM	12	13	19.18	19.25	19.28	19.50	
		25	0	18.92	18.91	18.86	19.50	
		1	0	19.23	19.22	19.30	19.50	
		1	13	19.19	19.17	19.12	19.50	
		1	24	19.25	19.25	19.22	19.50	
		12	0	18.38	18.29	18.21	18.50	
	12	6	18.03	18.02	17.95	18.50		
	12	13	18.14	18.10	18.20	18.50		
	25	0	18.40	18.32	18.35	18.50		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20000	20175	20350	
	10MHz	QPSK	1	0	21.41	21.32	21.37	21.50
1			25	21.06	21.09	21.19	21.50	
1			49	21.27	21.23	21.17	21.50	
25			0	20.24	20.29	20.36	20.50	
25			13	20.22	20.26	20.20	20.50	
25			25	20.14	20.10	20.09	20.50	
16QAM		50	0	20.04	20.13	20.21	20.50	
		1	0	20.03	20.02	20.09	20.50	
		1	25	20.06	20.13	20.12	20.50	
		1	49	20.09	20.19	20.23	20.50	
		25	0	19.05	19.03	19.12	19.50	
		25	13	19.05	19.09	19.19	19.50	
64QAM		25	25	19.20	19.25	19.32	19.50	
		50	0	18.93	18.94	18.96	19.50	
		1	0	19.20	19.29	19.33	19.50	
		1	25	19.17	19.09	19.00	19.50	
		1	49	19.21	19.21	19.27	19.50	
		25	0	18.35	18.35	18.27	18.50	
	25	13	18.09	18.10	18.02	18.50		
	25	25	18.04	18.04	18.10	18.50		
	50	0	18.20	18.29	18.39	18.50		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20025	20175	20325	

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 20 of 252

15MHz	QPSK	1	0	21.40	21.34	21.30	21.50
		1	38	21.26	21.18	21.10	21.50
		1	74	21.40	21.33	21.32	21.50
		36	0	20.18	20.26	20.18	20.50
		36	18	20.13	20.21	20.14	20.50
		36	39	20.17	20.11	20.11	20.50
	16QAM	75	0	20.08	20.16	20.22	20.50
		1	0	20.03	20.12	20.21	20.50
		1	38	20.17	20.19	20.28	20.50
		1	74	20.12	20.16	20.10	20.50
		36	0	19.02	19.07	18.98	19.50
		36	18	19.14	19.09	19.09	19.50
	64QAM	36	39	19.26	19.16	19.14	19.50
		75	0	18.95	19.01	19.05	19.50
		1	0	19.27	19.29	19.25	19.50
		1	38	19.10	19.11	19.12	19.50
		1	74	19.28	19.20	19.21	19.50
		36	0	18.38	18.32	18.32	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	21.29	/	21.50
		1	50	/	21.15	/	21.50
		1	99	/	21.28	/	21.50
		50	0	/	20.17	/	20.50
		50	25	/	20.13	/	20.50
		50	50	/	20.20	/	20.50
	16QAM	100	0	/	20.13	/	20.50
		1	0	/	20.14	/	20.50
		1	50	/	20.12	/	20.50
		1	99	/	20.21	/	20.50
		50	0	/	19.07	/	19.50
		50	25	/	19.18	/	19.50
	64QAM	50	50	/	19.13	/	19.50
		100	0	/	19.08	/	19.50
		1	0	/	19.22	/	19.50
		1	50	/	19.06	/	19.50
		1	99	/	19.12	/	19.50
		50	0	/	18.24	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	17.32	17.35	17.28	17.50
		1	2	16.96	16.94	16.96	17.50
		1	5	17.22	17.14	17.08	17.50
		3	0	17.20	17.42	17.37	17.50
		3	2	17.19	17.28	17.43	17.50
		3	3	16.82	16.89	16.86	17.50
	16QAM	6	0	16.93	16.97	17.10	17.50
		1	0	17.02	16.96	17.04	17.50
		1	2	17.24	17.24	17.32	17.50
		1	5	17.13	17.14	17.08	17.50
		1	0	17.02	16.96	17.04	17.50
		1	2	17.24	17.24	17.32	17.50

LTE Band 4 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	17.32	17.35	17.28	17.50
		1	2	16.96	16.94	16.96	17.50
		1	5	17.22	17.14	17.08	17.50
		3	0	17.20	17.42	17.37	17.50
		3	2	17.19	17.28	17.43	17.50
		3	3	16.82	16.89	16.86	17.50
	16QAM	6	0	16.93	16.97	17.10	17.50
		1	0	17.02	16.96	17.04	17.50
		1	2	17.24	17.24	17.32	17.50
		1	5	17.13	17.14	17.08	17.50
		1	0	17.02	16.96	17.04	17.50
		1	2	17.24	17.24	17.32	17.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 21 of 252

	64QAM	3	0	16.93	16.90	16.83	17.50
		3	2	17.06	17.06	17.00	17.50
		3	3	17.12	17.19	17.11	17.50
		6	0	17.09	17.00	17.01	17.50
		1	0	17.24	17.14	17.29	17.50
		1	2	17.08	17.04	17.02	17.50
		1	5	17.14	17.35	17.37	17.50
		3	0	17.33	17.35	17.19	17.50
		3	2	16.82	16.94	17.04	17.50
		3	3	17.00	17.03	16.88	17.50
		6	0	17.44	17.34	17.33	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 19965	Channel 20175	Channel 20385	Tune up
3MHz	QPSK	1	0	17.44	17.34	17.31	17.50
		1	7	17.09	17.02	16.95	17.50
		1	14	17.21	17.23	17.21	17.50
		8	0	17.30	17.43	17.24	17.50
		8	4	17.18	17.26	17.30	17.50
		8	7	16.93	16.91	16.77	17.50
	16QAM	15	0	17.03	17.01	17.06	17.50
		1	0	17.14	16.97	17.02	17.50
		1	7	17.21	17.27	17.33	17.50
		1	14	17.02	17.21	17.14	17.50
		8	0	16.90	16.95	16.89	17.50
		8	4	17.10	17.07	17.16	17.50
	64QAM	8	7	17.26	17.25	17.25	17.50
		15	0	17.06	16.99	17.02	17.50
		1	0	17.24	17.12	17.19	17.50
		1	7	17.12	16.98	16.96	17.50
		1	14	17.17	17.18	17.37	17.50
		8	0	17.31	17.18	17.10	17.50
5MHz	QPSK	8	4	16.94	17.02	17.11	17.50
		8	7	17.04	16.86	16.84	17.50
		15	0	17.41	17.38	17.35	17.50
	16QAM	1	0	17.36	17.38	17.39	17.50
		1	13	16.98	17.03	16.93	17.50
		1	24	17.18	17.24	17.15	17.50
		12	0	17.28	17.37	17.35	17.50
		12	6	17.24	17.32	17.39	17.50
		12	13	16.82	16.78	16.80	17.50
	64QAM	25	0	16.95	17.07	16.99	17.50
		1	0	17.04	16.99	17.05	17.50
		1	13	17.22	17.30	17.22	17.50
		1	24	17.19	17.26	17.03	17.50
		12	0	16.95	16.89	16.91	17.50
		12	6	17.03	17.21	17.06	17.50
10MHz	QPSK	12	13	17.20	17.28	17.18	17.50
		25	0	17.13	17.01	16.98	17.50
	16QAM	1	0	17.27	17.13	17.15	17.50
		1	13	17.00	17.03	16.93	17.50
		1	24	17.20	17.26	17.33	17.50
		12	0	17.16	17.20	17.08	17.50
	64QAM	12	6	16.97	16.89	16.96	17.50
		12	13	16.91	16.98	16.86	17.50
		25	0	17.35	17.35	17.37	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	17.38	17.27	17.36	17.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 22 of 252

		1	25	17.08	16.91	16.88	17.50
		1	49	17.22	17.28	17.07	17.50
		25	0	17.35	17.37	17.32	17.50
		25	13	17.16	17.18	17.37	17.50
		25	25	16.90	16.95	16.85	17.50
		50	0	16.88	17.01	17.01	17.50
	16QAM	1	0	17.09	17.03	17.05	17.50
		1	25	17.18	17.31	17.37	17.50
		1	49	17.11	17.19	17.10	17.50
		25	0	16.95	16.86	16.86	17.50
		25	13	17.10	17.07	17.16	17.50
		25	25	17.20	17.26	17.11	17.50
	64QAM	50	0	17.18	17.13	16.98	17.50
		1	0	17.30	17.16	17.13	17.50
		1	25	17.11	17.06	17.03	17.50
		1	49	17.28	17.23	17.32	17.50
		25	0	17.33	17.24	17.19	17.50
		25	13	16.93	16.94	16.94	17.50
		25	25	17.07	16.97	16.92	17.50
		50	0	17.48	17.22	17.42	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	17.46	17.39	17.31	17.50
		1	38	17.14	16.96	16.87	17.50
		1	74	17.19	17.28	17.11	17.50
		36	0	17.38	17.40	17.26	17.50
		36	18	17.22	17.34	17.45	17.50
		36	39	16.91	16.88	16.88	17.50
		75	0	16.88	17.02	16.98	17.50
	16QAM	1	0	17.06	16.95	17.06	17.50
		1	38	17.13	17.13	17.26	17.50
		1	74	17.12	17.21	17.03	17.50
		36	0	16.87	16.95	16.82	17.50
		36	18	17.16	17.06	17.09	17.50
		36	39	17.10	17.32	17.12	17.50
		75	0	17.07	16.98	16.97	17.50
	64QAM	1	0	17.19	17.28	17.23	17.50
		1	38	17.07	17.13	17.00	17.50
		1	74	17.18	17.36	17.25	17.50
		36	0	17.21	17.31	17.14	17.50
		36	18	16.89	16.92	16.98	17.50
		36	39	16.98	16.99	16.82	17.50
		75	0	17.47	17.23	17.31	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	17.31	/	17.50
		1	50	/	17.23	/	17.50
		1	99	/	17.22	/	17.50
		50	0	/	17.13	/	17.50
		50	25	/	17.06	/	17.50
		50	50	/	17.22	/	17.50
		100	0	/	17.06	/	17.50
	16QAM	1	0	/	17.17	/	17.50
		1	50	/	17.04	/	17.50
		1	99	/	17.23	/	17.50
		50	0	/	17.10	/	17.50
		50	25	/	17.22	/	17.50
		50	50	/	17.22	/	17.50
		100	0	/	17.01	/	17.50
	64QAM	1	0	/	17.13	/	17.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 23 of 252

		1	50	/	17.10	/	17.50
		1	99	/	17.06	/	17.50
		50	0	/	17.23	/	17.50
		50	25	/	17.16	/	17.50
		50	50	/	17.19	/	17.50
		100	0	/	17.30	/	17.50

LTE Band 7 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	21.10	21.10	21.15	21.50
		1	13	21.09	21.05	21.18	21.50
		1	24	20.75	20.75	20.57	21.50
		12	0	19.60	20.21	20.12	20.50
		12	6	19.97	19.98	19.99	20.50
		12	13	19.91	19.41	19.94	20.50
	16QAM	25	0	19.82	20.00	20.14	20.50
		1	0	20.09	20.04	20.29	20.50
		1	13	19.55	19.56	19.77	20.50
		1	24	19.80	20.32	19.84	20.50
		12	0	18.86	19.18	18.93	19.50
		12	6	18.70	18.56	18.64	19.50
	64QAM	12	13	18.85	18.97	19.16	19.50
		25	0	19.11	19.11	19.19	19.50
		1	0	18.69	18.70	18.65	19.50
		1	13	19.03	19.05	19.09	19.50
		1	24	19.11	19.27	19.07	19.50
		12	0	17.53	17.53	17.82	18.50
		12	6	17.85	18.14	18.31	18.50
		12	13	18.19	18.20	18.00	18.50
		25	0	17.58	17.48	17.91	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	21.06	21.17	21.24	21.50
		1	25	21.06	20.99	21.08	21.50
		1	49	20.76	20.75	20.67	21.50
		25	0	19.70	20.22	20.22	20.50
		25	13	19.98	20.06	19.95	20.50
		25	25	19.81	19.47	19.88	20.50
	16QAM	50	0	19.89	19.94	20.18	20.50
		1	0	19.99	20.14	20.26	20.50
		1	25	19.65	19.55	19.80	20.50
		1	49	19.81	20.25	19.92	20.50
		25	0	18.90	20.09	19.00	19.50
		25	13	18.77	18.53	18.68	19.50
	64QAM	25	25	18.86	18.97	19.22	19.50
		50	0	19.08	19.17	19.14	19.50
		1	0	18.62	18.68	18.67	19.50
		1	25	18.99	19.04	19.17	19.50
		1	49	19.11	19.32	19.14	19.50
		25	0	17.54	17.43	17.79	18.50
		25	13	17.86	18.04	18.24	18.50
		25	25	18.17	18.27	18.04	18.50
		50	0	17.67	17.56	17.86	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	21.03	21.11	21.15	21.50
		1	38	20.96	21.02	21.04	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 24 of 252

		1	74	20.85	20.84	20.66	21.50
		36	0	19.77	20.12	20.29	20.50
		36	18	20.06	20.13	20.05	20.50
		36	39	19.81	19.56	19.79	20.50
		75	0	19.87	20.02	20.16	20.50
	16QAM	1	0	19.92	20.11	20.24	20.50
		1	38	19.75	19.62	19.72	20.50
		1	74	19.73	20.15	20.01	20.50
		36	0	18.95	19.15	19.09	19.50
		36	18	18.67	18.61	18.65	19.50
		36	39	18.95	19.06	19.17	19.50
		75	0	18.98	19.26	19.06	19.50
	64QAM	1	0	18.57	18.64	18.71	19.50
		1	38	18.97	19.04	19.24	19.50
		1	74	19.11	19.30	19.21	19.50
		36	0	17.52	17.48	17.83	18.50
		36	18	17.93	18.08	18.18	18.50
		36	39	18.12	18.35	18.11	18.50
		75	0	17.67	17.56	17.79	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	21.10	21.06	21.09	21.50
		1	50	21.06	21.03	20.97	21.50
		1	99	20.84	20.90	20.75	21.50
		50	0	19.85	20.06	20.19	20.50
		50	25	19.96	20.13	20.06	20.50
		50	50	19.74	19.66	19.69	20.50
		100	0	19.85	20.07	20.14	20.50
	16QAM	1	0	20.01	20.19	20.14	20.50
		1	50	19.76	19.63	19.75	20.50
		1	99	19.79	20.05	20.09	20.50
		50	0	18.94	19.18	19.12	19.50
		50	25	18.72	18.65	18.65	19.50
		50	50	18.88	18.98	19.13	19.50
		100	0	19.01	19.21	19.11	19.50
	64QAM	1	0	18.63	18.62	18.69	19.50
		1	50	18.92	19.03	19.22	19.50
		1	99	19.05	19.29	19.12	19.50
		50	0	17.53	17.55	17.73	18.50
		50	25	17.93	18.09	18.20	18.50
		50	50	18.13	18.39	18.11	18.50
		100	0	17.61	17.48	17.80	18.50

LTE Band 7 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	17.15	17.16	17.12	17.50
		1	13	17.01	17.09	17.21	17.50
		1	24	16.71	16.76	16.64	17.50
		12	0	16.64	17.23	17.05	17.50
		12	6	17.01	16.89	17.02	17.50
		12	13	16.96	16.42	16.87	17.50
	16QAM	25	0	16.79	16.98	17.20	17.50
		1	0	17.00	16.96	17.20	17.50
		1	13	16.55	16.62	16.70	17.50
		1	24	16.84	17.31	16.91	17.50
		12	0	16.94	17.13	16.88	17.50
		12	6	16.74	16.54	16.67	17.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 25 of 252

	64QAM	12	13	16.88	16.94	17.21	17.50
		25	0	17.20	17.02	17.25	17.50
		1	0	16.60	16.78	16.73	17.50
		1	13	17.07	17.10	17.12	17.50
		1	24	17.09	17.20	17.12	17.50
		12	0	16.52	16.59	16.86	17.50
		12	6	16.76	17.17	17.29	17.50
		12	13	17.25	17.27	17.03	17.50
		25	0	16.62	16.55	16.90	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	17.11	17.18	17.19	17.50
		1	25	17.09	17.13	17.27	17.50
		1	49	16.84	16.81	16.58	17.50
		25	0	16.53	17.29	17.07	17.50
		25	13	16.88	17.03	17.00	17.50
		25	25	16.92	16.49	16.85	17.50
	16QAM	50	0	16.76	16.98	17.14	17.50
		1	0	17.14	17.09	17.31	17.50
		1	25	16.60	16.47	16.75	17.50
		1	49	16.87	17.29	16.85	17.50
		25	0	16.84	17.22	16.84	17.50
		25	13	16.78	16.56	16.68	17.50
	64QAM	25	25	16.79	17.00	17.10	17.50
		50	0	17.19	17.10	17.20	17.50
		1	0	16.72	16.73	16.74	17.50
		1	25	17.01	16.99	17.06	17.50
		1	49	17.04	17.29	17.03	17.50
		25	0	16.49	16.58	16.89	17.50
15MHz	QPSK	25	13	16.87	17.16	17.35	17.50
		25	25	17.21	17.17	17.05	17.50
		50	0	16.63	16.47	16.99	17.50
	16QAM	1	0	17.17	17.12	17.13	17.50
		1	38	17.07	17.11	17.19	17.50
		1	74	16.83	16.75	16.56	17.50
		36	0	16.57	17.12	17.08	17.50
		36	18	17.00	17.03	16.99	17.50
		36	39	16.94	16.50	16.85	17.50
	64QAM	75	0	16.88	17.04	17.21	17.50
		1	0	17.05	17.09	17.20	17.50
		1	38	16.59	16.49	16.74	17.50
		1	74	16.79	17.30	16.81	17.50
		36	0	16.92	17.22	16.94	17.50
		36	18	16.73	16.59	16.65	17.50
20MHz	QPSK	36	39	16.78	17.05	17.22	17.50
		75	0	17.02	17.20	17.28	17.50
	16QAM	1	0	16.63	16.76	16.73	17.50
		1	38	16.96	17.09	17.18	17.50
		1	74	17.12	17.30	16.98	17.50
		36	0	16.44	16.55	16.80	17.50
	64QAM	36	18	16.76	17.19	17.40	17.50
		36	39	17.13	17.19	17.00	17.50
		75	0	16.57	16.42	16.83	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 20850	Channel 21100	Channel 21350	Tune up
20MHz	QPSK	1	0	17.04	17.13	17.13	17.50
		1	50	17.17	16.99	17.12	17.50
		1	99	16.75	16.83	16.58	17.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 26 of 252

		50	0	17.17	17.12	17.16	17.50
		50	25	16.88	16.97	16.96	17.50
		50	50	16.86	16.40	17.01	17.50
		100	0	16.77	17.09	17.17	17.50
	16QAM	1	0	17.12	16.97	17.25	17.50
		1	50	16.52	16.52	16.70	17.50
		1	99	16.73	17.37	16.92	17.50
		50	0	16.88	17.18	16.90	17.50
		50	25	16.72	16.57	16.67	17.50
		50	50	16.80	17.00	17.23	17.50
		100	0	17.16	17.09	17.26	17.50
	64QAM	1	0	16.78	16.79	16.73	17.50
		1	50	17.10	17.02	17.04	17.50
		1	99	17.04	17.31	17.13	17.50
		50	0	16.49	16.49	16.90	17.50
		50	25	16.86	17.06	17.31	17.50
		50	50	17.15	17.15	16.91	17.50
		100	0	16.64	16.56	16.87	17.50

LTE Band 25 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	26047	26365	26683	22.00
		1	2	21.69	21.86	21.98	22.00
		1	5	21.68	21.90	21.60	22.00
		3	0	21.42	21.46	21.62	22.00
		3	2	21.78	21.92	21.78	22.00
		3	3	21.22	21.88	21.66	22.00
	16QAM	3	0	21.69	21.77	21.76	22.00
		6	0	20.57	20.70	20.80	21.00
		1	0	20.53	20.82	20.65	21.00
		1	2	20.43	20.69	20.81	21.00
		1	5	20.80	20.42	20.78	21.00
		3	0	20.56	20.94	20.53	21.00
	64QAM	3	2	20.61	20.64	20.97	21.00
		3	3	20.43	20.67	20.71	21.00
		6	0	19.68	19.83	19.41	20.00
		1	0	19.48	19.86	19.94	20.00
		1	2	19.57	19.68	19.65	20.00
		1	5	19.51	19.83	19.31	20.00
		3	0	19.12	19.62	19.79	20.00
		3	2	19.82	19.42	19.80	20.00
		3	3	19.44	19.78	19.47	20.00
		6	0	18.35	18.65	18.87	19.00
3MHz	QPSK	1	0	26055	26365	26675	22.00
		1	7	21.64	21.86	21.95	22.00
		1	14	21.68	21.82	21.70	22.00
		8	0	21.52	21.54	21.62	22.00
		8	4	20.79	20.82	20.74	21.00
		8	7	20.31	20.82	20.59	21.00
	16QAM	8	0	20.64	20.68	20.74	21.00
		15	0	20.48	20.69	20.75	21.00
		1	0	20.52	20.91	20.58	21.00
		1	7	20.52	20.66	20.76	21.00
		1	14	20.76	20.51	20.97	21.00
		8	0	19.66	19.77	19.61	20.00
		8	4	19.57	19.66	19.88	20.00
		8	7	19.52	19.68	19.76	20.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 27 of 252

		15	0	19.66	19.93	19.39	20.00
	64QAM	1	0	19.46	19.77	19.98	20.00
		1	7	19.53	19.68	19.65	20.00
		1	14	19.52	19.81	19.29	20.00
		8	0	18.15	18.66	18.77	19.00
		8	4	18.76	18.40	18.90	19.00
		8	7	18.48	18.79	18.38	19.00
		15	0	18.31	18.57	18.79	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	21.55	21.83	21.63	22.00
		1	13	21.66	21.75	21.71	22.00
		1	24	21.62	21.60	21.62	22.00
		12	0	20.77	20.79	20.79	21.00
		12	6	20.29	20.88	20.62	21.00
		12	13	20.55	20.72	20.75	21.00
		25	0	20.57	20.63	20.75	21.00
	16QAM	1	0	20.42	20.85	20.58	21.00
		1	13	20.51	20.70	20.82	21.00
		1	24	20.71	20.60	20.87	21.00
		12	0	19.63	19.85	19.55	20.00
		12	6	19.59	19.57	19.91	20.00
		12	13	19.45	19.61	19.79	20.00
		25	0	19.58	19.97	19.48	20.00
	64QAM	1	0	19.56	19.73	19.88	20.00
		1	13	19.46	19.59	19.71	20.00
		1	24	19.54	19.98	19.27	20.00
		12	0	18.25	18.73	18.78	19.00
		12	6	18.74	18.45	18.88	19.00
		12	13	18.48	18.83	18.34	19.00
		25	0	18.22	18.56	18.86	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26090	26365	26640	
10MHz	QPSK	1	0	21.63	21.74	21.79	22.00
		1	25	21.58	21.74	21.71	22.00
		1	49	21.58	21.56	21.72	22.00
		25	0	20.75	20.72	20.83	21.00
		25	13	20.35	20.91	20.55	21.00
		25	25	20.55	20.65	20.69	21.00
		50	0	20.64	20.71	20.74	21.00
	16QAM	1	0	20.46	20.90	20.65	21.00
		1	25	20.59	20.71	20.76	21.00
		1	49	20.70	20.65	20.82	21.00
		25	0	19.64	19.76	19.52	20.00
		25	13	19.51	19.55	19.86	20.00
		25	25	19.44	19.62	19.80	20.00
		50	0	19.64	19.93	19.55	20.00
	64QAM	1	0	19.53	19.75	19.93	20.00
		1	25	19.44	19.60	19.79	20.00
		1	49	19.47	19.90	19.34	20.00
		25	0	18.35	18.70	18.84	19.00
		25	13	18.72	18.48	18.85	19.00
		25	25	18.38	18.93	18.24	19.00
		50	0	18.24	18.58	18.67	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	21.53	21.82	21.70	22.00
		1	38	21.51	21.81	21.79	22.00
		1	74	21.54	21.66	21.76	22.00
		36	0	20.75	20.72	20.79	21.00



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 28 of 252

	16QAM	36	18	20.43	20.83	20.63	21.00
		36	39	20.64	20.68	20.75	21.00
		75	0	20.69	20.63	20.80	21.00
		1	0	20.49	21.00	20.64	21.00
		1	38	20.54	20.77	20.82	21.00
		1	74	20.71	20.62	20.79	21.00
		36	0	19.60	19.75	19.58	20.00
		36	18	19.48	19.58	19.93	20.00
	64QAM	36	39	19.48	19.58	19.84	20.00
		75	0	19.70	19.85	19.59	20.00
		1	0	19.43	19.65	19.95	20.00
		1	38	19.54	19.63	19.77	20.00
		1	74	19.46	19.97	19.40	20.00
		36	0	18.34	18.66	18.90	19.00
		36	18	18.68	18.42	18.93	19.00
		36	39	18.35	18.93	18.29	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	21.62	21.74	21.75	22.00
		1	50	21.60	21.79	21.78	22.00
		1	99	21.58	21.73	21.75	22.00
		50	0	20.67	20.63	20.79	21.00
		50	25	20.53	20.85	20.70	21.00
		50	50	20.56	20.63	20.82	21.00
		100	0	20.69	20.64	20.78	21.00
	16QAM	1	0	20.54	20.92	20.64	21.00
		1	50	20.46	20.69	20.77	21.00
		1	99	20.64	20.54	20.87	21.00
		50	0	19.58	19.99	19.58	20.00
		50	25	19.45	19.65	19.83	20.00
		50	50	19.57	19.56	19.81	20.00
		100	0	19.61	19.93	19.49	20.00
	64QAM	1	0	19.38	19.56	19.88	20.00
		1	50	19.62	19.54	19.79	20.00
		1	99	19.51	19.96	19.41	20.00
		50	0	18.36	18.57	18.91	19.00
		50	25	18.66	18.51	18.89	19.00
		50	50	18.45	18.90	18.32	19.00
		100	0	18.28	18.57	18.93	19.00

LTE Band 25 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	16.74	16.85	16.89	17.00
		1	2	16.63	16.93	16.58	17.00
		1	5	16.38	16.39	16.57	17.00
		3	0	16.76	16.97	16.84	17.00
		3	2	16.18	16.91	16.58	17.00
		3	3	16.77	16.76	16.67	17.00
		6	0	16.66	16.65	16.82	17.00
	16QAM	1	0	16.56	16.75	16.65	17.00
		1	2	16.45	16.60	16.82	17.00
		1	5	16.80	16.47	16.70	17.00
		3	0	16.54	16.85	16.50	17.00
		3	2	16.53	16.60	16.92	17.00
		3	3	16.38	16.75	16.77	17.00
		6	0	16.72	16.74	16.35	17.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 29 of 252

		1	0	16.48	16.81	16.95	17.00
		1	2	16.61	16.66	16.67	17.00
		1	5	16.60	16.74	16.34	17.00
		3	0	16.09	16.63	16.84	17.00
		3	2	16.78	16.46	16.86	17.00
		3	3	16.38	16.87	16.41	17.00
		6	0	16.35	16.56	16.93	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 26055	Channel 26365	Channel 26675	Tune up
3MHz	QPSK	1	0	16.60	16.77	16.93	17.00
		1	7	16.64	16.94	16.68	17.00
		1	14	16.40	16.48	16.55	17.00
		8	0	16.81	16.89	16.79	17.00
		8	4	16.20	16.81	16.71	17.00
		8	7	16.62	16.74	16.75	17.00
		15	0	16.52	16.78	16.84	17.00
	16QAM	1	0	16.48	16.78	16.61	17.00
		1	7	16.46	16.60	16.81	17.00
		1	14	16.80	16.33	16.85	17.00
		8	0	16.58	16.95	16.53	17.00
		8	4	16.69	16.56	16.96	17.00
		8	7	16.44	16.75	16.75	17.00
		15	0	16.67	16.76	16.45	17.00
	64QAM	1	0	16.56	16.90	16.88	17.00
		1	7	16.63	16.68	16.63	17.00
		1	14	16.44	16.88	16.34	17.00
		8	0	16.05	16.63	16.70	17.00
		8	4	16.77	16.50	16.76	17.00
		8	7	16.37	16.77	16.42	17.00
		15	0	16.32	16.61	16.85	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 26065	Channel 26365	Channel 26665	Tune up
5MHz	QPSK	1	0	16.77	16.89	16.73	17.00
		1	13	16.75	16.89	16.57	17.00
		1	24	16.44	16.43	16.57	17.00
		12	0	16.80	16.85	16.76	17.00
		12	6	16.14	16.85	16.67	17.00
		12	13	16.77	16.76	16.80	17.00
		25	0	16.56	16.67	16.73	17.00
	16QAM	1	0	16.58	16.91	16.59	17.00
		1	13	16.36	16.64	16.88	17.00
		1	24	16.86	16.50	16.74	17.00
		12	0	16.57	16.89	16.48	17.00
		12	6	16.62	16.65	16.91	17.00
		12	13	16.42	16.64	16.63	17.00
		25	0	16.66	16.75	16.39	17.00
	64QAM	1	0	16.52	16.80	16.89	17.00
		1	13	16.56	16.68	16.64	17.00
		1	24	16.60	16.91	16.31	17.00
		12	0	16.21	16.68	16.78	17.00
		12	6	16.74	16.40	16.88	17.00
		12	13	16.47	16.79	16.52	17.00
		25	0	16.39	16.63	16.96	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 26090	Channel 26365	Channel 26640	Tune up
10MHz	QPSK	1	0	16.72	16.82	16.78	17.00
		1	25	16.62	16.93	16.53	17.00
		1	49	16.45	16.48	16.58	17.00
		25	0	16.77	16.84	16.77	17.00
		25	13	16.16	16.96	16.72	17.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 30 of 252

	16QAM	25	25	16.69	16.84	16.73	17.00
		50	0	16.63	16.69	16.76	17.00
		1	0	16.52	16.77	16.58	17.00
		1	25	16.41	16.71	16.77	17.00
		1	49	16.83	16.36	16.69	17.00
		25	0	16.52	16.88	16.50	17.00
		25	13	16.67	16.64	16.79	17.00
		25	25	16.42	16.72	16.72	17.00
		50	0	16.68	16.91	16.37	17.00
	64QAM	1	0	16.55	16.87	16.92	17.00
		1	25	16.48	16.74	16.70	17.00
		1	49	16.57	16.79	16.22	17.00
		25	0	16.18	16.69	16.74	17.00
		25	13	16.77	16.39	16.84	17.00
		25	25	16.36	16.82	16.44	17.00
		50	0	16.32	16.66	16.82	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	16.78	16.83	16.81	17.00
		1	38	16.60	16.99	16.59	17.00
		1	74	16.46	16.47	16.69	17.00
		36	0	16.80	16.92	16.81	17.00
		36	18	16.13	16.91	16.68	17.00
		36	39	16.60	16.83	16.82	17.00
		75	0	16.52	16.73	16.83	17.00
	16QAM	1	0	16.48	16.73	16.74	17.00
		1	38	16.44	16.65	16.79	17.00
		1	74	16.73	16.49	16.83	17.00
		36	0	16.55	16.92	16.57	17.00
		36	18	16.52	16.63	16.92	17.00
		36	39	16.45	16.75	16.64	17.00
		75	0	16.62	16.82	16.49	17.00
	64QAM	1	0	16.48	16.94	16.85	17.00
		1	38	16.56	16.61	16.68	17.00
		1	74	16.56	16.88	16.29	17.00
		36	0	16.06	16.63	16.77	17.00
		36	18	16.86	16.36	16.80	17.00
		36	39	16.46	16.69	16.38	17.00
		75	0	16.32	16.57	16.82	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	16.75	16.87	16.89	17.00
		1	50	16.68	16.90	16.64	17.00
		1	99	16.35	16.40	16.66	17.00
		50	0	16.75	16.84	16.82	17.00
		50	25	16.26	16.82	16.57	17.00
		50	50	16.75	16.86	16.73	17.00
		100	0	16.57	16.77	16.84	17.00
	16QAM	1	0	16.52	16.91	16.64	17.00
		1	50	16.37	16.63	16.88	17.00
		1	99	16.78	16.45	16.80	17.00
		50	0	16.55	16.97	16.47	17.00
		50	25	16.61	16.66	16.88	17.00
		50	50	16.41	16.59	16.79	17.00
		100	0	16.62	16.89	16.43	17.00
	64QAM	1	0	16.53	16.81	16.85	17.00
		1	50	16.56	16.60	16.66	17.00
		1	99	16.55	16.92	16.34	17.00
		50	0	16.11	16.67	16.79	17.00
		50	25	16.79	16.34	16.88	17.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 31 of 252

		50	50	16.50	16.81	16.44	17.00
		100	0	16.42	16.62	16.84	17.00

LTE Band 66 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	131979	132322	132665	21.50
		1	2	20.98	21.50	21.22	21.50
		1	5	21.15	21.08	21.09	21.50
		3	0	21.14	21.17	21.21	21.50
		3	1	21.05	21.12	21.15	21.50
		3	3	21.13	21.04	21.23	21.50
		6	0	21.08	21.20	21.25	21.50
	16QAM	1	0	20.22	20.33	20.41	20.50
		1	2	19.76	20.34	19.98	20.50
		1	5	20.10	20.34	19.86	20.50
		3	0	19.99	19.85	20.40	20.50
		3	1	19.86	20.01	19.98	20.50
		3	3	20.34	20.27	20.25	20.50
		6	0	20.03	19.88	20.18	20.50
	64QAM	1	0	19.15	18.95	19.27	19.50
		1	2	19.02	19.18	19.18	19.50
		1	5	19.24	19.05	19.06	19.50
		3	0	18.94	18.87	19.00	19.50
		3	1	18.84	19.14	19.29	19.50
		3	3	19.47	19.04	19.14	19.50
		6	0	19.03	18.66	18.90	19.50
3MHz	QPSK	1	0	17.71	18.38	18.27	18.50
		1	7	Channel	Channel	Channel	Tune up
		1	14	131987	132322	132657	21.50
		8	0	21.08	21.40	21.15	21.50
		8	4	21.09	21.04	21.11	21.50
		8	7	21.15	21.22	21.12	21.50
		15	0	20.08	20.19	20.20	20.50
	16QAM	1	0	20.08	20.06	20.16	20.50
		1	7	20.00	20.26	20.15	20.50
		1	14	20.25	20.24	20.38	20.50
		8	0	19.77	20.25	20.03	20.50
		8	4	20.04	20.31	19.92	20.50
		8	7	20.07	19.94	20.35	20.50
		15	0	18.95	19.11	18.90	19.50
	64QAM	1	0	19.24	19.23	19.17	19.50
		1	7	18.95	18.82	19.28	19.50
		1	14	18.95	18.88	19.17	19.50
		8	0	19.06	18.88	19.17	19.50
		8	4	19.08	19.26	19.15	19.50
		8	7	19.24	19.12	18.99	19.50
		15	0	18.90	18.95	19.00	19.50
5MHz	QPSK	8	0	17.85	18.50	18.26	18.50
		8	4	18.25	17.98	18.09	18.50
		8	7	17.98	17.65	17.89	18.50
		12	0	17.81	18.35	18.31	18.50
		12	6	Channel	Channel	Channel	Tune up
		12	13	131997	132322	132647	21.50
		1	0	21.11	21.40	21.23	21.50
		1	13	21.05	21.01	21.02	21.50
		1	24	21.06	21.28	21.08	21.50
		12	0	20.10	20.29	20.26	20.50
		12	6	20.01	20.12	20.06	20.50
		12	13	20.09	20.28	20.17	20.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 32 of 252

		25	0	20.34	20.14	20.28	20.50		
	16QAM	1	0	19.79	20.20	20.00	20.50		
		1	13	19.95	20.31	19.96	20.50		
		1	24	20.03	20.01	20.25	20.50		
		12	0	18.96	19.05	18.83	19.50		
		12	6	19.15	19.15	19.22	19.50		
		12	13	19.03	18.79	19.26	19.50		
		25	0	19.10	18.94	19.09	19.50		
	64QAM	1	0	19.17	19.18	19.05	19.50		
		1	13	19.19	19.02	19.05	19.50		
		1	24	18.92	18.85	18.92	19.50		
		12	0	17.92	18.40	18.21	18.50		
		12	6	18.17	17.92	18.03	18.50		
		12	13	18.01	17.74	17.82	18.50		
	25	0	17.81	18.31	18.29	18.50			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				132022	132322	132622			
10MHz	QPSK	1	0	21.18	21.37	21.32	21.50		
		1	25	21.12	21.02	21.12	21.50		
		1	49	21.03	21.31	21.13	21.50		
		25	0	20.12	20.23	20.32	20.50		
		25	13	19.96	20.08	20.09	20.50		
		25	25	20.03	20.28	20.09	20.50		
	16QAM	50	0	20.29	20.14	20.36	20.50		
		1	0	19.82	20.14	19.91	20.50		
		1	25	19.88	20.26	19.92	20.50		
		1	49	20.12	20.00	20.35	20.50		
		25	0	18.86	18.97	18.90	19.50		
		25	13	19.21	19.14	19.24	19.50		
	64QAM	25	25	19.03	18.83	19.27	19.50		
		50	0	19.14	18.86	19.08	19.50		
		1	0	19.07	19.26	18.99	19.50		
		1	25	19.10	19.08	19.11	19.50		
		1	49	18.88	18.82	18.91	19.50		
		25	0	17.94	18.43	18.14	18.50		
			25	13	18.48	18.01	18.04	18.50	
			25	25	17.98	17.77	17.83	18.50	
			50	0	17.81	18.36	18.32	18.50	
Bandwidth			Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						132047	132322	132597	
15MHz	QPSK	1	0	21.08	21.41	21.28	21.50		
		1	38	21.08	21.12	21.06	21.50		
		1	74	21.04	21.27	21.15	21.50		
		36	0	20.08	20.22	20.34	20.50		
		36	18	20.02	20.11	20.03	20.50		
		36	39	20.03	20.31	20.05	20.50		
	16QAM	75	0	20.25	20.06	20.39	20.50		
		1	0	19.91	20.08	19.85	20.50		
		1	38	19.96	20.24	19.97	20.50		
		1	74	20.14	20.10	20.38	20.50		
		36	0	18.93	19.00	18.91	19.50		
		36	18	19.13	19.20	19.17	19.50		
	64QAM	36	39	19.07	18.89	19.17	19.50		
		75	0	19.07	18.91	19.04	19.50		
		1	0	19.01	19.32	19.04	19.50		
		1	38	19.17	19.02	19.13	19.50		
		1	74	18.98	18.92	18.96	19.50		
		36	0	18.01	18.39	18.15	18.50		
			36	18	18.39	18.00	18.06	18.50	
			36	39	17.98	17.84	17.85	18.50	



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Report No.: SZCR260700337601

Page: 33 of 252

Bandwidth	Modulation	75	0	17.87	18.38	18.29	18.50
		RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	21.15	21.35	21.20	21.50
		1	50	21.00	21.15	20.99	21.50
		1	99	21.10	21.28	21.09	21.50
		50	0	20.10	20.14	20.29	20.50
		50	25	20.06	20.13	19.99	20.50
		50	50	20.13	20.23	20.11	20.50
		100	0	20.17	20.11	20.29	20.50
	16QAM	1	0	19.97	20.04	19.92	20.50
		1	50	20.05	20.25	20.04	20.50
		1	99	20.14	20.07	20.34	20.50
		50	0	19.01	18.95	18.94	19.50
		50	25	19.13	19.27	19.10	19.50
		50	50	19.16	18.99	19.27	19.50
		100	0	18.97	18.94	18.94	19.50
	64QAM	1	0	19.11	19.37	19.05	19.50
		1	50	19.23	18.93	19.17	19.50
		1	99	18.93	18.88	18.95	19.50
		50	0	18.01	18.37	18.13	18.50
		50	25	18.33	17.99	18.09	18.50
		50	50	17.93	17.83	17.89	18.50
		100	0	17.95	18.42	18.22	18.50

LTE Band 66 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	16.94	17.43	17.21	17.50
		1	2	17.06	17.01	17.13	17.50
		1	5	17.10	17.09	17.19	17.50
		3	0	17.10	17.10	17.09	17.50
		3	1	17.12	17.13	17.23	17.50
		3	3	17.04	17.12	17.16	17.50
		6	0	17.31	17.32	17.47	17.50
	16QAM	1	0	16.74	17.31	17.04	17.50
		1	2	17.01	17.26	16.81	17.50
		1	5	16.93	16.86	17.47	17.50
		3	0	16.95	17.04	16.97	17.50
		3	1	17.43	17.34	17.34	17.50
		3	3	16.96	16.83	17.19	17.50
		6	0	17.12	16.93	17.23	17.50
	64QAM	1	0	17.09	17.15	17.25	17.50
		1	2	17.23	17.13	16.99	17.50
		1	5	16.88	16.96	16.91	17.50
		3	0	16.83	17.16	17.28	17.50
		3	1	17.34	17.11	17.21	17.50
		3	3	17.08	16.57	16.97	17.50
		6	0	16.72	17.36	17.25	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	17.00	17.46	17.27	17.50
		1	7	17.15	17.11	17.14	17.50
		1	14	17.06	17.22	17.26	17.50
		8	0	17.04	17.07	17.15	17.50
		8	4	17.04	16.99	17.16	17.50
		8	7	17.17	17.28	17.26	17.50
		15	0	17.28	17.30	17.36	17.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 34 of 252

	16QAM	1	0	16.82	17.32	16.91	17.50
		1	7	17.05	17.34	16.94	17.50
		1	14	16.94	16.93	17.42	17.50
		8	0	16.87	17.07	17.06	17.50
		8	4	17.41	17.18	17.31	17.50
		8	7	16.99	16.90	17.22	17.50
		15	0	17.14	16.89	17.32	17.50
	64QAM	1	0	16.96	17.21	17.13	17.50
		1	7	17.20	17.08	17.06	17.50
		1	14	16.89	16.96	17.09	17.50
		8	0	16.78	17.18	17.23	17.50
		8	4	17.42	17.07	17.11	17.50
		8	7	17.03	16.62	16.98	17.50
		15	0	16.78	17.39	17.36	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 131997	Channel 132322	Channel 132647	Tune up
5MHz	QPSK	1	0	16.97	17.41	17.18	17.50
		1	13	17.15	17.10	17.13	17.50
		1	24	17.23	17.14	17.22	17.50
		12	0	17.12	17.14	17.20	17.50
		12	6	17.13	17.10	17.14	17.50
		12	13	17.04	17.11	17.23	17.50
		25	0	17.15	17.28	17.39	17.50
	16QAM	1	0	16.78	17.43	16.89	17.50
		1	13	17.15	17.43	16.93	17.50
		1	24	16.95	16.89	17.33	17.50
		12	0	16.91	17.10	16.97	17.50
		12	6	17.30	17.21	17.25	17.50
		12	13	17.03	16.87	17.20	17.50
		25	0	17.20	17.04	17.27	17.50
	64QAM	1	0	16.95	17.14	17.10	17.50
		1	13	17.18	17.12	17.02	17.50
		1	24	16.98	16.81	16.92	17.50
		12	0	16.82	17.08	17.25	17.50
		12	6	17.41	16.98	17.22	17.50
		12	13	17.09	16.61	16.83	17.50
		25	0	16.76	17.40	17.34	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
10MHz	QPSK	1	0	17.00	17.33	17.25	17.50
		1	25	17.24	17.16	17.10	17.50
		1	49	17.22	17.09	17.19	17.50
		25	0	17.04	17.03	17.09	17.50
		25	13	17.09	17.11	17.19	17.50
		25	25	17.12	17.14	17.22	17.50
		50	0	17.23	17.24	17.44	17.50
	16QAM	1	0	16.70	17.25	17.07	17.50
		1	25	17.07	17.28	16.86	17.50
		1	49	16.92	16.80	17.42	17.50
		25	0	16.90	17.02	17.00	17.50
		25	13	17.36	17.26	17.21	17.50
		25	25	17.05	16.92	17.15	17.50
		50	0	17.17	16.91	17.22	17.50
	64QAM	1	0	16.99	17.10	17.12	17.50
		1	25	17.28	17.01	17.02	17.50
		1	49	16.85	16.96	17.03	17.50
		25	0	16.93	17.22	17.31	17.50
		25	13	17.41	17.04	17.10	17.50
		25	25	17.04	16.65	16.86	17.50
		50	0	16.66	17.45	17.30	17.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 35 of 252

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	16.90	17.33	17.18	17.50
		1	38	17.21	17.11	17.01	17.50
		1	74	17.08	17.10	17.16	17.50
		36	0	17.12	17.12	17.14	17.50
		36	18	17.06	17.11	17.32	17.50
		36	39	17.05	17.17	17.29	17.50
		75	0	17.23	17.38	17.34	17.50
	16QAM	1	0	16.67	17.34	16.99	17.50
		1	38	17.03	17.25	16.77	17.50
		1	74	17.02	16.86	17.43	17.50
		36	0	16.79	16.98	16.97	17.50
		36	18	17.34	17.32	17.23	17.50
		36	39	17.05	16.80	17.21	17.50
		75	0	17.15	16.86	17.26	17.50
	64QAM	1	0	17.11	17.09	17.18	17.50
		1	38	17.27	17.09	17.05	17.50
		1	74	16.92	16.95	16.97	17.50
		36	0	16.90	17.11	17.31	17.50
		36	18	17.38	17.00	17.18	17.50
		36	39	17.04	16.64	16.81	17.50
		75	0	16.77	17.36	17.25	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	17.01	17.44	17.16	17.50
		1	50	17.22	17.17	17.16	17.50
		1	99	17.15	17.26	17.13	17.50
		50	0	16.97	17.09	17.09	17.50
		50	25	17.11	17.09	17.21	17.50
		50	50	16.99	17.24	17.18	17.50
		100	0	17.19	17.31	17.48	17.50
	16QAM	1	0	16.73	17.27	17.01	17.50
		1	50	17.13	17.38	16.94	17.50
		1	99	17.04	16.84	17.46	17.50
		50	0	16.94	16.95	17.03	17.50
		50	25	17.42	17.30	17.20	17.50
		50	50	16.94	16.86	17.16	17.50
		100	0	17.12	17.03	17.24	17.50
	64QAM	1	0	16.94	17.23	17.17	17.50
		1	50	17.19	16.96	17.14	17.50
		1	99	16.96	16.80	16.92	17.50
		50	0	16.89	17.11	17.27	17.50
		50	25	17.50	17.11	17.05	17.50
		50	50	17.04	16.67	16.94	17.50
		100	0	16.63	17.46	17.20	17.50

LTE Band 34 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				36225	36275	36325	
5MHz	QPSK	1	0	22.81	22.76	22.72	23.00
		1	13	22.46	22.53	22.43	23.00
		1	24	22.39	22.47	22.56	23.00
		12	0	21.45	21.54	21.50	22.00
		12	6	21.50	21.41	21.43	22.00
		12	13	21.47	21.47	21.47	22.00
		25	0	21.85	21.78	21.76	22.00
	16QAM	1	0	21.30	21.39	21.40	22.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 36 of 252

		1	13	21.33	21.35	21.39	22.00
		1	24	21.62	21.69	21.60	22.00
		12	0	20.62	20.59	20.62	21.00
		12	6	20.31	20.26	20.35	21.00
		12	13	20.81	20.71	20.65	21.00
		25	0	20.33	20.32	20.29	21.00
	64QAM	1	0	20.59	20.57	20.53	21.00
		1	13	20.98	20.91	20.85	21.00
		1	24	20.44	20.43	20.39	21.00
		12	0	19.49	19.54	19.56	20.00
		12	6	19.92	19.85	19.80	20.00
		12	13	19.57	19.55	19.46	20.00
		25	0	19.33	19.43	19.40	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				36250	36275	36300	
10MHz	QPSK	1	0	22.77	22.68	22.69	23.00
		1	25	22.58	22.57	22.55	23.00
		1	49	22.42	22.49	22.54	23.00
		25	0	21.68	21.59	21.60	22.00
		25	13	21.34	21.36	21.28	22.00
		25	25	21.53	21.56	21.62	22.00
	16QAM	50	0	21.79	21.76	21.68	22.00
		1	0	21.42	21.46	21.37	22.00
		1	25	21.44	21.41	21.48	22.00
		1	49	21.57	21.64	21.68	22.00
		25	0	20.58	20.51	20.51	21.00
		25	13	20.23	20.31	20.30	21.00
	64QAM	25	25	20.80	20.71	20.81	21.00
		50	0	20.40	20.39	20.35	21.00
		1	0	20.43	20.49	20.51	21.00
		1	25	20.84	20.82	20.76	21.00
		1	49	20.51	20.46	20.44	21.00
		25	0	19.46	19.44	19.41	20.00
15MHz	QPSK	25	13	19.83	19.89	19.88	20.00
		25	25	19.61	19.60	19.52	20.00
		50	0	19.59	19.50	19.43	20.00
	16QAM	1	0	/	36275	/	Tune up
		1	38	/	/	/	
		1	74	/	22.54	/	23.00
		36	0	/	21.65	/	22.00
		36	18	/	21.46	/	22.00
		36	39	/	21.58	/	22.00
	64QAM	75	0	/	21.74	/	22.00
		1	0	/	21.46	/	22.00
		1	38	/	21.49	/	22.00
		1	74	/	21.69	/	22.00
		36	0	/	20.44	/	21.00
		36	18	/	20.39	/	21.00
	QPSK	36	39	/	20.78	/	21.00
		75	0	/	20.39	/	21.00
	16QAM	1	0	/	20.44	/	21.00
		1	38	/	20.84	/	21.00
		1	74	/	20.47	/	21.00
		36	0	/	19.34	/	20.00
	64QAM	36	18	/	19.87	/	20.00
		36	39	/	19.50	/	20.00
		75	0	/	19.44	/	20.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 37 of 252

LTE Band 34 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				36225	36275	36325	
5MHz	QPSK	1	0	19.88	19.71	19.71	20.00
		1	13	19.54	19.48	19.43	20.00
		1	24	19.31	19.44	19.48	20.00
		12	0	19.52	19.62	19.46	20.00
		12	6	19.43	19.49	19.39	20.00
		12	13	19.53	19.54	19.45	20.00
		25	0	19.83	19.80	19.83	20.00
	16QAM	1	0	19.31	19.43	19.45	20.00
		1	13	19.40	19.37	19.36	20.00
		1	24	19.67	19.76	19.57	20.00
		12	0	19.57	19.54	19.60	20.00
		12	6	19.39	19.35	19.27	20.00
		12	13	19.72	19.68	19.67	20.00
		25	0	19.32	19.23	19.23	20.00
	64QAM	1	0	19.67	19.58	19.61	20.00
		1	13	19.65	19.93	19.91	20.00
		1	24	19.47	19.41	19.30	20.00
		12	0	19.51	19.55	19.53	20.00
		12	6	19.97	19.84	19.84	20.00
		12	13	19.51	19.49	19.55	20.00
		25	0	19.30	19.37	19.49	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	19.82	19.84	19.71	20.00
		1	25	19.41	19.55	19.40	20.00
		1	49	19.42	19.56	19.60	20.00
		25	0	19.51	19.60	19.55	20.00
		25	13	19.42	19.43	19.43	20.00
		25	25	19.53	19.48	19.42	20.00
		50	0	19.86	19.76	19.73	20.00
	16QAM	1	0	19.22	19.45	19.48	20.00
		1	25	19.30	19.28	19.31	20.00
		1	49	19.64	19.77	19.68	20.00
		25	0	19.69	19.51	19.69	20.00
		25	13	19.22	19.31	19.33	20.00
		25	25	19.90	19.78	19.60	20.00
		50	0	19.28	19.41	19.37	20.00
	64QAM	1	0	19.60	19.50	19.45	20.00
		1	25	19.78	19.84	19.79	20.00
		1	49	19.36	19.41	19.30	20.00
		25	0	19.53	19.53	19.46	20.00
		25	13	19.90	19.83	19.94	20.00
		25	25	19.69	19.68	19.43	20.00
		50	0	19.53	19.56	19.39	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	/	19.68	/	20.00
		1	38	/	19.51	/	20.00
		1	74	/	19.56	/	20.00
		36	0	/	19.57	/	20.00
		36	18	/	19.46	/	20.00
		36	39	/	19.41	/	20.00
		75	0	/	19.72	/	20.00
	16QAM	1	0	/	19.43	/	20.00
		1	38	/	19.32	/	20.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 38 of 252

		1	74	/	19.71	/	20.00
		36	0	/	19.57	/	20.00
		36	18	/	19.34	/	20.00
		36	39	/	19.62	/	20.00
		75	0	/	19.41	/	20.00
	64QAM	1	0	/	19.63	/	20.00
		1	38	/	19.86	/	20.00
		1	74	/	19.50	/	20.00
		36	0	/	19.44	/	20.00
		36	18	/	19.80	/	20.00
		36	39	/	19.62	/	20.00
		75	0	/	19.49	/	20.00

LTE Band 38 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 37775	Channel 38000	Channel 38225	Tune up
5MHz	QPSK	1	0	21.52	21.55	21.57	22.00
		1	13	21.73	21.70	21.74	22.00
		1	24	21.52	21.62	21.60	22.00
		12	0	20.51	20.46	20.40	21.00
		12	6	20.62	20.72	20.65	21.00
		12	13	20.38	20.39	20.46	21.00
		25	0	20.39	20.37	20.43	21.00
	16QAM	1	0	20.74	20.70	20.69	21.00
		1	13	20.11	20.10	20.01	21.00
		1	24	20.27	20.31	20.32	21.00
		12	0	19.67	19.60	19.51	20.00
		12	6	19.28	19.35	19.28	20.00
		12	13	19.21	19.24	19.20	20.00
	64QAM	25	0	19.53	19.53	19.44	20.00
		1	0	19.46	19.48	19.53	20.00
		1	13	19.31	19.38	19.38	20.00
		1	24	19.73	19.73	19.65	20.00
		12	0	18.25	18.35	18.32	19.00
		12	6	18.51	18.43	18.49	19.00
		12	13	18.49	18.42	18.43	19.00
		25	0	18.50	18.50	18.53	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	21.53	21.49	21.45	22.00
		1	25	21.65	21.61	21.62	22.00
		1	49	21.73	21.65	21.58	22.00
		25	0	20.49	20.47	20.37	21.00
		25	13	20.79	20.74	20.83	21.00
		25	25	20.45	20.47	20.55	21.00
		50	0	20.39	20.35	20.25	21.00
	16QAM	1	0	20.67	20.61	20.69	21.00
		1	25	20.14	20.15	20.11	21.00
		1	49	20.40	20.30	20.28	21.00
		25	0	19.65	19.67	19.76	20.00
		25	13	19.48	19.44	19.50	20.00
		25	25	19.33	19.29	19.33	20.00
		50	0	19.56	19.60	19.65	20.00
	64QAM	1	0	19.31	19.39	19.39	20.00
		1	25	19.40	19.48	19.52	20.00
		1	49	19.71	19.72	19.82	20.00
		25	0	18.44	18.39	18.46	19.00
		25	13	18.39	18.40	18.43	19.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 39 of 252

Bandwidth	Modulation	25	25	18.60	18.50	18.51	19.00
		50	0	18.53	18.48	18.38	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	21.49	21.46	21.41	22.00
		1	38	21.74	21.66	21.74	22.00
		1	74	21.70	21.63	21.66	22.00
		36	0	20.53	20.52	20.59	21.00
		36	18	20.76	20.75	20.85	21.00
		36	39	20.45	20.41	20.43	21.00
		75	0	20.42	20.37	20.28	21.00
	16QAM	1	0	20.61	20.70	20.71	21.00
		1	38	20.26	20.19	20.18	21.00
		1	74	20.36	20.36	20.27	21.00
		36	0	19.60	19.62	19.72	20.00
		36	18	19.34	19.38	19.44	20.00
		36	39	19.44	19.34	19.28	20.00
		75	0	19.54	19.52	19.48	20.00
	64QAM	1	0	19.44	19.48	19.51	20.00
		1	38	19.45	19.43	19.42	20.00
		1	74	19.73	19.65	19.72	20.00
		36	0	18.40	18.41	18.46	19.00
		36	18	18.36	18.42	18.44	19.00
		36	39	18.49	18.56	18.47	19.00
		75	0	18.41	18.43	18.52	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	21.56	/	22.00
		1	50	/	21.61	/	22.00
		1	99	/	21.53	/	22.00
		50	0	/	20.42	/	21.00
		50	25	/	20.65	/	21.00
		50	50	/	20.31	/	21.00
		100	0	/	20.44	/	21.00
	16QAM	1	0	/	20.61	/	21.00
		1	50	/	20.23	/	21.00
		1	99	/	20.36	/	21.00
		50	0	/	19.63	/	20.00
		50	25	/	19.31	/	20.00
		50	50	/	19.32	/	20.00
		100	0	/	19.55	/	20.00
	64QAM	1	0	/	19.39	/	20.00
		1	50	/	19.33	/	20.00
		1	99	/	19.56	/	20.00
		50	0	/	18.39	/	19.00
		50	25	/	18.37	/	19.00
		50	50	/	18.51	/	19.00
		100	0	/	18.38	/	19.00

LTE Band 38 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	18.46	18.50	18.55	19.00
		1	13	18.80	18.68	18.83	19.00
		1	24	18.43	18.62	18.52	19.00
		12	0	18.46	18.38	18.32	19.00
		12	6	18.62	18.72	18.69	19.00
		12	13	18.36	18.35	18.40	19.00
		12	13	18.36	18.35	18.40	19.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 40 of 252

	16QAM	25	0	18.30	18.40	18.38	19.00
		1	0	18.72	18.74	18.72	19.00
		1	13	18.04	18.16	18.01	19.00
		1	24	18.33	18.27	18.33	19.00
		12	0	18.73	18.63	18.52	19.00
		12	6	18.24	18.40	18.32	19.00
		12	13	18.17	18.28	18.26	19.00
		25	0	18.62	18.55	18.37	19.00
	64QAM	1	0	18.39	18.55	18.57	19.00
		1	13	18.33	18.32	18.38	19.00
		1	24	18.72	18.65	18.66	19.00
		12	0	18.17	18.29	18.36	19.00
		12	6	18.47	18.45	18.49	19.00
		12	13	18.44	18.36	18.47	19.00
		25	0	18.52	18.42	18.54	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	18.51	18.64	18.58	19.00
		1	25	18.72	18.75	18.72	19.00
		1	49	18.50	18.61	18.63	19.00
		25	0	18.53	18.42	18.32	19.00
		25	13	18.68	18.70	18.64	19.00
		25	25	18.31	18.45	18.53	19.00
		50	0	18.41	18.40	18.35	19.00
	16QAM	1	0	18.82	18.63	18.62	19.00
		1	25	18.09	18.07	18.05	19.00
		1	49	18.18	18.40	18.27	19.00
		25	0	18.66	18.68	18.42	19.00
		25	13	18.37	18.36	18.20	19.00
		25	25	18.29	18.23	18.17	19.00
		50	0	18.44	18.47	18.53	19.00
	64QAM	1	0	18.42	18.50	18.55	19.00
		1	25	18.37	18.36	18.36	19.00
		1	49	18.64	18.75	18.62	19.00
		25	0	18.48	18.32	18.55	19.00
		25	13	18.38	18.46	18.50	19.00
		25	25	18.55	18.55	18.42	19.00
		50	0	18.50	18.55	18.29	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	18.57	18.61	18.63	19.00
		1	38	18.72	18.75	18.68	19.00
		1	74	18.61	18.56	18.67	19.00
		36	0	18.59	18.53	18.43	19.00
		36	18	18.56	18.81	18.59	19.00
		36	39	18.40	18.39	18.52	19.00
		75	0	18.44	18.42	18.47	19.00
	16QAM	1	0	18.82	18.69	18.75	19.00
		1	38	18.05	18.03	18.03	19.00
		1	74	18.19	18.26	18.26	19.00
		36	0	18.72	18.55	18.51	19.00
		36	18	18.28	18.38	18.36	19.00
		36	39	18.24	18.21	18.11	19.00
		75	0	18.59	18.58	18.49	19.00
	64QAM	1	0	18.38	18.46	18.61	19.00
		1	38	18.37	18.41	18.45	19.00
		1	74	18.81	18.80	18.63	19.00
		36	0	18.44	18.34	18.40	19.00
		36	18	18.43	18.50	18.49	19.00
		36	39	18.57	18.52	18.53	19.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 41 of 252

Bandwidth	Modulation	75	0	18.32	18.46	18.45	19.00
		RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	/	38000	/	19.00
		1	50	/	18.57	/	19.00
		1	99	/	18.62	/	19.00
		50	0	/	18.56	/	19.00
		50	25	/	18.37	/	19.00
		50	50	/	18.72	/	19.00
		100	0	/	18.38	/	19.00
	16QAM	1	0	/	18.34	/	19.00
		1	50	/	18.69	/	19.00
		1	99	/	18.10	/	19.00
		50	0	/	18.36	/	19.00
		50	25	/	18.51	/	19.00
		50	50	/	18.35	/	19.00
		100	0	/	18.21	/	19.00
	64QAM	1	0	/	18.44	/	19.00
		1	50	/	18.51	/	19.00
		1	99	/	18.40	/	19.00
		50	0	/	18.75	/	19.00
		50	25	/	18.43	/	19.00
		50	50	/	18.49	/	19.00
		100	0	/	18.49	/	19.00
		100	0	/	18.48	/	19.00

LTE Band40 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38675	39150	39625	
5MHz	QPSK	1	0	22.66	22.56	22.62	23.00
		1	13	22.55	22.58	22.68	23.00
		1	24	22.40	22.38	22.46	23.00
		12	0	21.65	21.61	21.60	22.00
		12	6	21.45	21.54	21.54	22.00
		12	13	21.28	21.38	21.33	22.00
		25	0	21.41	21.36	21.30	22.00
	16QAM	1	0	21.70	21.68	21.70	22.00
		1	13	21.25	21.35	21.33	22.00
		1	24	21.46	21.43	21.40	22.00
		12	0	20.60	20.52	20.44	21.00
		12	6	20.21	20.31	20.29	21.00
		12	13	20.50	20.51	20.49	21.00
		25	0	20.64	20.71	20.75	21.00
	64QAM	1	0	20.43	20.35	20.39	21.00
		1	13	20.51	20.44	20.37	21.00
		1	24	20.75	20.80	20.88	21.00
		12	0	19.10	19.12	19.07	20.00
		12	6	19.56	19.53	19.53	20.00
		12	13	19.57	19.52	19.57	20.00
		25	0	19.18	19.27	19.21	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38700	39150	39600	
10MHz	QPSK	1	0	22.52	22.61	22.56	23.00
		1	25	22.61	22.61	22.66	23.00
		1	49	22.41	22.41	22.44	23.00
		25	0	21.46	21.51	21.51	22.00
		25	13	21.44	21.48	21.53	22.00
		25	25	21.54	21.47	21.46	22.00
		50	0	21.37	21.46	21.47	22.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 42 of 252

	16QAM	1	0	21.63	21.62	21.66	22.00
		1	25	21.34	21.34	21.24	22.00
		1	49	21.43	21.49	21.50	22.00
		25	0	20.54	20.61	20.67	21.00
		25	13	20.32	20.34	20.37	21.00
		25	25	20.53	20.46	20.45	21.00
	64QAM	50	0	20.72	20.74	20.64	21.00
		1	0	20.22	20.30	20.23	21.00
		1	25	20.40	20.44	20.51	21.00
		1	49	20.67	20.70	20.68	21.00
		25	0	19.13	19.21	19.29	20.00
		25	13	19.60	19.50	19.46	20.00
		25	25	19.52	19.52	19.54	20.00
		50	0	19.31	19.33	19.24	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38725	39150	39575	
15MHz	QPSK	1	0	22.62	22.59	22.53	23.00
		1	38	22.47	22.55	22.48	23.00
		1	74	22.50	22.44	22.35	23.00
		36	0	21.49	21.51	21.41	22.00
		36	18	21.67	21.58	21.68	22.00
		36	39	21.59	21.52	21.55	22.00
		75	0	21.40	21.46	21.36	22.00
	16QAM	1	0	21.61	21.58	21.56	22.00
		1	38	21.36	21.32	21.30	22.00
		1	74	21.41	21.40	21.49	22.00
		36	0	20.53	20.59	20.49	21.00
		36	18	20.31	20.28	20.20	21.00
		36	39	20.38	20.40	20.34	21.00
		75	0	20.73	20.75	20.70	21.00
	64QAM	1	0	20.28	20.23	20.28	21.00
		1	38	20.37	20.43	20.36	21.00
		1	74	20.74	20.66	20.62	21.00
		36	0	19.31	19.31	19.38	20.00
		36	18	19.58	19.49	19.46	20.00
		36	39	19.60	19.56	19.58	20.00
		75	0	19.31	19.26	19.33	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38750	39150	39550	
20MHz	QPSK	1	0	21.53	22.61	21.74	23.00
		1	50	21.94	22.60	21.73	23.00
		1	99	21.55	22.41	21.55	23.00
		50	0	20.67	21.50	20.67	22.00
		50	25	20.92	21.55	21.13	22.00
		50	50	20.42	21.44	20.62	22.00
		100	0	20.78	21.40	20.58	22.00
	16QAM	1	0	21.20	21.62	20.79	22.00
		1	50	20.40	21.42	21.00	22.00
		1	99	20.90	21.32	20.30	22.00
		50	0	20.23	20.63	20.03	21.00
		50	25	19.55	20.33	19.55	21.00
		50	50	19.71	20.30	19.90	21.00
		100	0	20.11	20.71	19.91	21.00
	64QAM	1	0	19.90	20.30	19.71	21.00
		1	50	19.40	20.37	19.40	21.00
		1	99	19.88	20.67	20.07	21.00
		50	0	18.61	19.35	18.61	20.00
		50	25	18.85	19.42	18.67	20.00
		50	50	19.09	19.66	18.90	20.00
		100	0	18.57	19.31	18.75	20.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 43 of 252

LTE Band40 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38675	39150	39625	
5MHz	QPSK	1	0	19.70	19.61	19.55	20.00
		1	13	19.59	19.59	19.60	20.00
		1	24	19.47	19.34	19.40	20.00
		12	0	19.70	19.54	19.60	20.00
		12	6	19.47	19.61	19.48	20.00
		12	13	19.36	19.45	19.24	20.00
		25	0	19.33	19.43	19.26	20.00
	16QAM	1	0	19.76	19.72	19.66	20.00
		1	13	19.29	19.30	19.40	20.00
		1	24	19.52	19.49	19.40	20.00
		12	0	19.63	19.52	19.49	20.00
		12	6	19.16	19.34	19.21	20.00
		12	13	19.48	19.59	19.47	20.00
		25	0	19.70	19.72	19.83	20.00
	64QAM	1	0	19.46	19.43	19.43	20.00
		1	13	19.50	19.44	19.29	20.00
		1	24	19.81	19.77	19.88	20.00
		12	0	19.03	19.06	19.06	20.00
		12	6	19.61	19.53	19.47	20.00
		12	13	19.54	19.47	19.63	20.00
		25	0	19.23	19.23	19.14	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	19.66	19.54	19.70	20.00
		1	25	19.64	19.63	19.71	20.00
		1	49	19.31	19.36	19.51	20.00
		25	0	19.67	19.58	19.60	20.00
		25	13	19.41	19.46	19.53	20.00
		25	25	19.25	19.44	19.26	20.00
		50	0	19.44	19.32	19.37	20.00
	16QAM	1	0	19.63	19.69	19.64	20.00
		1	25	19.20	19.44	19.37	20.00
		1	49	19.41	19.37	19.44	20.00
		25	0	19.56	19.43	19.51	20.00
		25	13	19.20	19.40	19.32	20.00
		25	25	19.42	19.55	19.58	20.00
		50	0	19.56	19.70	19.84	20.00
	64QAM	1	0	19.51	19.27	19.48	20.00
		1	25	19.44	19.48	19.36	20.00
		1	49	19.79	19.83	19.86	20.00
		25	0	19.19	19.24	19.24	20.00
		25	13	19.52	19.49	19.37	20.00
		25	25	19.51	19.57	19.50	20.00
		50	0	19.28	19.27	19.24	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	19.70	19.56	19.59	20.00
		1	38	19.56	19.57	19.65	20.00
		1	74	19.46	19.36	19.47	20.00
		36	0	19.61	19.62	19.52	20.00
		36	18	19.49	19.59	19.60	20.00
		36	39	19.33	19.36	19.34	20.00
		75	0	19.45	19.33	19.33	20.00
	16QAM	1	0	19.66	19.63	19.72	20.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 44 of 252

		1	38	19.26	19.34	19.30	20.00	
		1	74	19.50	19.52	19.34	20.00	
		36	0	19.63	19.59	19.41	20.00	
		36	18	19.21	19.35	19.29	20.00	
		36	39	19.46	19.53	19.50	20.00	
		75	0	19.57	19.76	19.74	20.00	
	64QAM	1	0	19.35	19.40	19.31	20.00	
		1	38	19.50	19.39	19.34	20.00	
		1	74	19.71	19.79	19.83	20.00	
		36	0	19.35	19.32	19.37	20.00	
		36	18	19.66	19.41	19.45	20.00	
		36	39	19.59	19.47	19.54	20.00	
		75	0	19.38	19.22	19.33	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					38750	39150	39550	
20MHz	QPSK	1	0	18.85	19.60	18.67	20.00	
		1	50	18.90	19.66	19.09	20.00	
		1	99	18.67	19.42	18.50	20.00	
		50	0	19.25	19.64	19.07	20.00	
		50	25	18.79	19.54	18.61	20.00	
		50	50	18.88	19.45	18.70	20.00	
	16QAM	100	0	18.54	19.28	18.36	20.00	
		1	0	18.87	19.62	19.05	20.00	
		1	50	18.36	19.28	18.72	20.00	
		1	99	19.07	19.45	19.07	20.00	
		50	0	19.01	19.58	19.20	20.00	
		50	25	18.30	19.22	18.84	20.00	
	64QAM	50	50	18.69	19.44	18.87	20.00	
		100	0	19.19	19.77	19.19	20.00	
		1	0	18.88	19.26	18.88	20.00	
		1	50	18.76	19.51	18.58	20.00	
		1	99	19.30	19.88	19.49	20.00	
		50	0	18.98	19.36	18.98	20.00	
		50	25	18.83	19.40	18.83	20.00	
		50	50	18.63	19.56	18.99	20.00	
		100	0	18.75	19.31	18.39	20.00	

LTE Band 41 2496 - 2690 Full Power/Receive on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	21.96	21.82	21.82	21.91	21.91	22.00
		1	13	21.73	21.58	22.05	21.54	21.68	22.00
		1	24	21.7	21.72	21.57	21.4	21.68	22.00
		12	0	20.82	20.82	20.77	20.62	20.76	21.00
		12	6	20.84	20.79	20.62	20.65	20.77	21.00
		12	13	20.63	20.83	20.99	20.67	20.67	21.00
	16QAM	25	0	20.69	20.95	20.84	20.68	20.83	21.00
		1	0	20.84	20.61	20.86	20.42	20.74	21.00
		1	13	20.66	20.79	20.75	20.62	20.63	21.00
		1	24	20.83	20.87	20.71	20.81	20.69	21.00
		12	0	19.92	19.92	19.78	19.28	19.71	20.00
		12	6	19.7	19.62	19.89	19.67	19.72	20.00
	64QAM	12	13	19.65	19.8	19.71	19.58	19.53	20.00
		25	0	19.74	19.71	19.83	19.52	19.46	20.00
		1	0	19.66	19.90	19.92	19.84	19.66	20.00
		1	13	19.98	19.92	19.78	19.54	19.85	20.00
		1	24	19.74	19.84	19.61	19.65	19.79	20.00
		12	0	18.41	18.69	18.72	18.78	18.58	19.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 45 of 252

		12	6	18.70	18.85	18.64	18.65	18.70	19.00
		12	13	18.78	18.90	18.86	18.34	18.77	19.00
		25	0	18.52	19.00	18.74	18.72	18.65	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	21.98	21.9	21.74	21.87	21.94	22.00
		1	25	21.81	21.48	21.98	21.52	21.69	22.00
		1	49	21.71	21.75	21.64	21.42	21.76	22.00
		25	0	20.77	20.81	20.68	20.69	20.76	21.00
		25	13	20.92	20.72	20.67	20.58	20.68	21.00
		25	25	20.6	20.84	20.92	20.65	20.77	21.00
	16QAM	50	0	20.63	20.87	20.78	20.64	20.81	21.00
		1	0	20.83	20.59	20.83	20.52	20.79	21.00
		1	25	20.63	20.8	20.83	20.52	20.64	21.00
		1	49	20.88	20.85	20.65	20.84	20.68	21.00
		25	0	19.85	19.89	19.76	19.37	19.71	20.00
		25	13	19.6	19.7	19.79	19.69	19.79	20.00
	64QAM	25	25	19.69	19.8	19.81	19.66	19.56	20.00
		50	0	19.72	19.7	19.74	19.57	19.5	20.00
		1	0	19.59	19.90	19.84	19.82	19.66	20.00
		1	25	19.92	19.85	19.78	19.50	19.90	20.00
		1	49	19.72	19.78	19.58	19.55	19.75	20.00
		25	0	18.43	18.76	18.70	18.77	18.67	19.00
15MHz	QPSK	25	13	18.68	18.82	18.69	18.65	18.75	19.00
		25	25	18.69	18.89	18.84	18.35	18.71	19.00
		50	0	18.58	19.00	18.65	18.66	18.63	19.00
	16QAM	1	0	21.88	21.85	21.74	21.81	21.94	22.00
		1	38	21.82	21.57	21.91	21.59	21.73	22.00
		1	74	21.66	21.8	21.7	21.52	21.74	22.00
	64QAM	36	0	20.7	20.87	20.7	20.71	20.76	21.00
		36	18	20.83	20.8	20.74	20.56	20.78	21.00
		36	39	20.68	20.97	20.9	20.64	20.81	21.00
20MHz	QPSK	75	0	20.61	20.81	20.72	20.69	20.81	21.00
		1	0	20.87	20.65	20.87	20.53	20.75	21.00
		1	38	20.63	20.82	20.77	20.61	20.66	21.00
	16QAM	1	74	20.84	20.8	20.69	20.76	20.62	21.00
		36	0	19.79	19.79	19.8	19.41	19.66	20.00
		36	18	19.6	19.77	19.85	19.68	19.89	20.00
	64QAM	36	39	19.68	19.86	19.76	19.71	19.62	20.00
		75	0	19.66	19.77	19.69	19.49	19.52	20.00
		1	0	19.68	19.94	19.77	19.84	19.68	20.00
		1	38	19.84	19.80	19.71	19.59	19.82	20.00
		1	74	19.77	19.87	19.67	19.53	19.71	20.00
		36	0	18.43	18.86	18.70	18.74	18.65	19.00
25MHz	QPSK	36	18	18.70	18.94	18.74	18.63	18.75	19.00
		36	39	18.67	18.89	18.81	18.32	18.63	19.00
		75	0	18.48	18.93	18.70	18.64	18.69	19.00
	16QAM	1	0	21.8	21.76	21.82	21.82	21.85	22.00
		1	50	21.89	21.67	21.86	21.67	21.79	22.00
		1	99	21.67	21.83	21.79	21.59	21.73	22.00
	64QAM	50	0	20.74	20.78	20.74	20.75	20.83	21.00
		50	25	20.89	20.74	20.76	20.59	20.82	21.00
		50	50	20.58	20.88	20.86	20.69	20.77	21.00
		100	0	20.67	20.86	20.78	20.65	20.75	21.00
	16QAM	1	0	20.81	20.7	20.82	20.52	20.73	21.00
		1	50	20.66	20.82	20.86	20.69	20.75	21.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 46 of 252

		1	99	20.77	20.8	20.68	20.72	20.69	21.00
		50	0	19.8	19.77	19.82	19.46	19.67	20.00
		50	25	19.69	19.8	19.8	19.7	19.79	20.00
		50	50	19.73	19.88	19.71	19.67	19.71	20.00
		100	0	19.76	19.84	19.72	19.47	19.57	20.00
	64QAM	1	0	19.60	19.84	19.74	19.79	19.76	20.00
		1	50	19.77	19.93	19.79	19.66	19.74	20.00
		1	99	19.68	19.87	19.75	19.45	19.65	20.00
		50	0	18.52	18.94	18.66	18.78	18.72	19.00
		50	25	18.76	18.87	18.82	18.71	18.79	19.00
		50	50	18.73	18.82	18.77	18.37	18.60	19.00
		100	0	18.46	18.84	18.68	18.72	18.79	19.00

LTE Band 41 2496 - 2690 Receive off				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	Tune up
5MHz	QPSK	1	0	18.95	18.9	18.75	18.95	18.98	19.00
		1	13	18.68	18.52	18.85	18.49	18.73	19.00
		1	24	18.78	18.67	18.48	18.34	18.59	19.00
		12	0	18.83	18.73	18.72	18.63	18.73	19.00
		12	6	18.85	18.86	18.69	18.64	18.72	19.00
		12	13	18.61	18.75	19	18.6	18.68	19.00
		25	0	18.67	18.95	18.89	18.63	18.91	19.00
	16QAM	1	0	18.93	18.53	18.9	18.38	18.68	19.00
		1	13	18.62	18.77	18.68	18.57	18.7	19.00
		1	24	18.85	18.8	18.75	18.81	18.72	19.00
		12	0	18.9	18.78	18.87	18.24	18.76	19.00
		12	6	18.7	18.61	18.95	18.59	18.75	19.00
		12	13	18.71	18.76	18.64	18.62	18.57	19.00
		25	0	18.79	18.66	18.89	18.51	18.55	19.00
	64QAM	1	0	18.75	18.95	18.99	18.86	18.71	19.00
		1	13	18.94	18.83	18.77	18.57	18.87	19.00
		1	24	18.80	18.75	18.56	18.56	18.86	19.00
		12	0	18.42	18.73	18.69	18.79	18.67	19.00
		12	6	18.78	18.78	18.63	18.67	18.62	19.00
		12	13	18.85	18.99	18.81	18.42	18.80	19.00
		25	0	18.49	18.88	18.79	18.64	18.62	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	18.77	18.86	18.85	18.97	18.85	19.00
		1	25	18.82	18.58	18.8	18.57	18.75	19.00
		1	49	18.7	18.69	18.65	18.43	18.75	19.00
		25	0	18.77	18.9	18.79	18.71	18.73	19.00
		25	13	18.88	18.77	18.54	18.69	18.76	19.00
		25	25	18.57	18.87	18.72	18.66	18.66	19.00
	16QAM	50	0	18.62	18.73	18.85	18.7	18.85	19.00
		1	0	18.86	18.69	18.8	18.41	18.77	19.00
		1	25	18.66	18.79	18.69	18.7	18.55	19.00
		1	49	18.83	18.81	18.67	18.83	18.78	19.00
		25	0	18.99	18.84	18.83	18.28	18.72	19.00
		25	13	18.66	18.53	18.81	18.67	18.71	19.00
	64QAM	25	25	18.58	18.76	18.7	18.53	18.57	19.00
		50	0	18.78	18.69	18.87	18.43	18.49	19.00
		1	0	18.68	18.85	18.86	18.75	18.68	19.00
		1	25	18.71	18.78	18.80	18.53	18.88	19.00
		1	49	18.66	18.78	18.60	18.56	18.82	19.00
		25	0	18.47	18.77	18.75	18.78	18.70	19.00
		25	13	18.64	18.78	18.63	18.58	18.67	19.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 47 of 252

Bandwidth	Modulation	25	25	18.61	18.98	18.83	18.29	18.80	19.00
		50	0	18.63	18.98	18.74	18.61	18.59	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	18.93	18.81	18.78	18.84	18.93	19.00
		1	38	18.73	18.61	18.71	18.6	18.67	19.00
		1	74	18.68	18.64	18.58	18.43	18.7	19.00
		36	0	18.77	18.76	18.74	18.59	18.72	19.00
		36	18	18.76	18.73	18.66	18.64	18.81	19.00
		36	39	18.56	18.85	18.71	18.61	18.6	19.00
		75	0	18.69	18.92	18.85	18.74	18.82	19.00
		75	38	18.77	18.62	18.89	18.41	18.7	19.00
	16QAM	1	0	18.77	18.62	18.89	18.41	18.7	19.00
		1	38	18.74	18.75	18.67	18.59	18.62	19.00
		1	74	18.82	18.95	18.62	18.72	18.62	19.00
		36	0	18.93	18.94	18.74	18.29	18.66	19.00
		36	18	18.71	18.65	18.88	18.59	18.81	19.00
		36	39	18.7	18.82	18.74	18.56	18.49	19.00
		75	0	18.65	18.72	18.8	18.55	18.45	19.00
		75	38	18.73	18.84	18.85	18.92	18.71	19.00
	64QAM	1	0	18.73	18.84	18.85	18.92	18.71	19.00
		1	38	18.82	18.97	18.83	18.51	18.78	19.00
		1	74	18.66	18.88	18.53	18.69	18.76	19.00
		36	0	18.47	18.86	18.79	18.65	18.73	19.00
		36	18	18.75	18.98	18.80	18.60	18.73	19.00
		36	39	18.71	18.91	18.73	18.40	18.56	19.00
		75	0	18.42	18.23	18.72	18.63	18.75	19.00
		75	38	18.73	18.84	18.85	18.92	18.71	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	18.88	18.76	18.88	18.86	18.85	19.00
		1	50	18.65	18.62	18.86	18.57	18.7	19.00
		1	99	18.63	18.69	18.5	18.41	18.75	19.00
		50	0	18.85	18.8	18.77	18.55	18.8	19.00
		50	25	18.78	18.77	18.69	18.69	18.71	19.00
		50	50	18.67	18.78	18.81	18.72	18.59	19.00
		100	0	18.64	18.71	18.85	18.64	18.79	19.00
		100	50	18.92	18.59	18.95	18.46	18.8	19.00
	16QAM	1	0	18.92	18.59	18.95	18.46	18.8	19.00
		1	50	18.64	18.88	18.82	18.54	18.58	19.00
		1	99	18.87	18.8	18.69	18.85	18.65	19.00
		50	0	18.86	18.91	18.72	18.19	18.75	19.00
		50	25	18.69	18.59	18.85	18.72	18.63	19.00
		50	50	18.61	18.87	18.63	18.66	18.53	19.00
		100	0	18.65	18.74	18.92	18.54	18.52	19.00
		100	50	18.71	18.98	18.83	18.85	18.57	19.00
	64QAM	1	0	18.71	18.98	18.83	18.85	18.57	19.00
		1	50	18.92	18.96	18.82	18.60	18.76	19.00
		1	99	18.66	18.75	18.70	18.73	18.83	19.00
		50	0	18.48	18.91	18.69	18.75	18.74	19.00
		50	25	18.82	18.80	18.87	18.70	18.71	19.00
		50	50	18.81	18.84	18.77	18.29	18.68	19.00
		100	0	18.45	18.83	18.73	18.75	18.76	19.00
		100	50	18.71	18.98	18.83	18.85	18.57	19.00

LTE Band 42 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41615	42590	43565	
5MHz	QPSK	1	0	22.62	22.46	22.39	23.00
		1	13	22.44	22.46	22.19	23.00
		1	24	22.35	22.42	22.51	23.00
		12	0	21.50	21.56	21.53	22.00
		12	6	21.23	21.22	21.36	22.00
		12	13	21.34	21.39	21.28	22.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 48 of 252

	16QAM	25	0	21.42	21.55	21.27	22.00
		1	0	21.30	21.27	21.22	22.00
		1	13	21.22	21.72	21.23	22.00
		1	24	21.59	21.39	21.34	22.00
		12	0	20.36	20.37	20.31	21.00
		12	6	20.26	20.56	20.36	21.00
		12	13	20.62	20.49	20.31	21.00
		25	0	20.38	20.34	20.35	21.00
	64QAM	1	0	20.17	20.60	20.39	21.00
		1	13	20.52	20.39	20.29	21.00
		1	24	20.46	20.53	20.43	21.00
		12	0	19.40	19.32	19.29	20.00
		12	6	19.42	19.50	19.41	20.00
		12	13	19.57	19.25	19.35	20.00
		25	0	19.46	19.53	19.21	20.00
		25	0	19.46	19.53	19.21	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41640	42590	43540	
10MHz	QPSK	1	0	22.70	22.48	22.30	23.00
		1	25	22.51	22.56	22.22	23.00
		1	49	22.38	22.46	22.44	23.00
		25	0	21.44	21.61	21.46	22.00
		25	13	21.28	21.16	21.30	22.00
		25	25	21.25	21.34	21.23	22.00
		50	0	21.43	21.50	21.20	22.00
		50	0	21.43	21.50	21.20	22.00
	16QAM	1	0	21.37	21.27	21.19	22.00
		1	25	21.21	21.62	21.27	22.00
		1	49	21.52	21.35	21.33	22.00
		25	0	20.37	20.47	20.32	21.00
		25	13	20.27	20.51	20.29	21.00
		25	25	20.58	20.53	20.38	21.00
		50	0	20.38	20.38	20.25	21.00
		50	0	20.38	20.38	20.25	21.00
	64QAM	1	0	20.19	20.56	20.39	21.00
		1	25	20.53	20.49	20.33	21.00
		1	49	20.39	20.50	20.40	21.00
		25	0	19.34	19.36	19.36	20.00
		25	13	19.50	19.43	19.39	20.00
		25	25	19.60	19.32	19.27	20.00
		50	0	19.39	19.45	19.23	20.00
		50	0	19.39	19.45	19.23	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41665	42590	43515	
15MHz	QPSK	1	0	22.62	22.54	22.26	23.00
		1	38	22.41	22.49	22.31	23.00
		1	74	22.28	22.43	22.47	23.00
		36	0	21.44	21.51	21.47	22.00
		36	18	21.31	21.23	21.33	22.00
		36	39	21.29	21.43	21.32	22.00
		75	0	21.52	21.48	21.28	22.00
		75	0	21.52	21.48	21.28	22.00
	16QAM	1	0	21.46	21.25	21.16	22.00
		1	38	21.22	21.55	21.32	22.00
		1	74	21.53	21.37	21.38	22.00
		36	0	20.31	20.45	20.39	21.00
		36	18	20.27	20.44	20.32	21.00
		36	39	20.57	20.43	20.45	21.00
		75	0	20.30	20.43	20.30	21.00
		75	0	20.30	20.43	20.30	21.00
	64QAM	1	0	20.29	20.46	20.33	21.00
		1	38	20.50	20.39	20.37	21.00
		1	74	20.45	20.42	20.44	21.00
		36	0	19.26	19.32	19.34	20.00
		36	18	19.60	19.43	19.43	20.00
		36	39	19.61	19.22	19.30	20.00
		36	39	19.61	19.22	19.30	20.00
		36	39	19.61	19.22	19.30	20.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 49 of 252

Bandwidth	Modulation	75	0	19.32	19.37	19.17	20.00
		RB size	RB offset	Channel 41690	Channel 42590	Channel 43490	Tune up
20MHz	QPSK	1	0	22.57	22.53	22.33	23.00
		1	50	22.37	22.42	22.37	23.00
		1	99	22.29	22.48	22.46	23.00
		50	0	21.51	21.42	21.40	22.00
		50	25	21.40	21.29	21.30	22.00
		50	50	21.25	21.45	21.38	22.00
		100	0	21.53	21.39	21.31	22.00
	16QAM	1	0	21.37	21.28	21.24	22.00
		1	50	21.19	21.55	21.32	22.00
		1	99	21.46	21.41	21.35	22.00
		50	0	20.37	20.37	20.33	21.00
		50	25	20.17	20.45	20.33	21.00
		50	50	20.56	20.33	20.40	21.00
		100	0	20.35	20.47	20.32	21.00
	64QAM	1	0	20.26	20.39	20.27	21.00
		1	50	20.52	20.39	20.44	21.00
		1	99	20.41	20.37	20.38	21.00
		50	0	19.18	19.30	19.27	20.00
		50	25	19.60	19.35	19.41	20.00
		50	50	19.51	19.27	19.31	20.00
		100	0	19.26	19.36	19.26	20.00

LTE Band 42 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41615	42590	43565	
5MHz	QPSK	1	0	19.60	19.37	19.47	20.00
		1	13	19.38	19.51	19.24	20.00
		1	24	19.33	19.46	19.48	20.00
		12	0	19.59	19.58	19.54	20.00
		12	6	19.29	19.17	19.34	20.00
		12	13	19.35	19.41	19.31	20.00
		25	0	19.40	19.51	19.25	20.00
	16QAM	1	0	19.31	19.34	19.22	20.00
		1	13	19.14	19.70	19.26	20.00
		1	24	19.64	19.39	19.34	20.00
		12	0	19.44	19.31	19.25	20.00
		12	6	19.20	19.58	19.38	20.00
		12	13	19.56	19.48	19.26	20.00
		25	0	19.29	19.36	19.28	20.00
	64QAM	1	0	19.14	19.61	19.31	20.00
		1	13	19.45	19.34	19.25	20.00
		1	24	19.43	19.61	19.35	20.00
		12	0	19.49	19.40	19.35	20.00
		12	6	19.45	19.45	19.47	20.00
		12	13	19.61	19.31	19.27	20.00
		25	0	19.42	19.54	19.16	20.00
10MHz	QPSK	1	0	19.71	19.53	19.35	20.00
		1	25	19.51	19.60	19.29	20.00
		1	49	19.41	19.45	19.44	20.00
		25	0	19.35	19.54	19.53	20.00
		25	13	19.22	19.16	19.30	20.00
		25	25	19.31	19.37	19.32	20.00
		50	0	19.49	19.55	19.16	20.00



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 50 of 252

	16QAM	1	0	19.35	19.18	19.24	20.00
		1	25	19.14	19.67	19.28	20.00
		1	49	19.55	19.39	19.40	20.00
		25	0	19.38	19.41	19.33	20.00
		25	13	19.28	19.52	19.33	20.00
		25	25	19.56	19.61	19.37	20.00
		50	0	19.47	19.40	19.25	20.00
	64QAM	1	0	19.20	19.47	19.41	20.00
		1	25	19.48	19.41	19.38	20.00
		1	49	19.31	19.53	19.41	20.00
		25	0	19.38	19.31	19.34	20.00
		25	13	19.53	19.35	19.30	20.00
		25	25	19.69	19.32	19.18	20.00
		50	0	19.37	19.53	19.21	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41665	42590	43515	
15MHz	QPSK	1	0	19.55	19.57	19.29	20.00
		1	38	19.50	19.58	19.38	20.00
		1	74	19.19	19.38	19.40	20.00
		36	0	19.48	19.53	19.54	20.00
		36	18	19.25	19.29	19.28	20.00
		36	39	19.25	19.34	19.29	20.00
		75	0	19.52	19.54	19.36	20.00
	16QAM	1	0	19.39	19.31	19.09	20.00
		1	38	19.25	19.46	19.32	20.00
		1	74	19.49	19.37	19.31	20.00
		36	0	19.35	19.39	19.31	20.00
		36	18	19.21	19.50	19.32	20.00
		36	39	19.58	19.36	19.37	20.00
		75	0	19.32	19.44	19.30	20.00
	64QAM	1	0	19.35	19.38	19.36	20.00
		1	38	19.52	19.47	19.32	20.00
		1	74	19.51	19.49	19.38	20.00
		36	0	19.31	19.31	19.33	20.00
		36	18	19.56	19.34	19.35	20.00
		36	39	19.61	19.16	19.25	20.00
		75	0	19.30	19.42	19.20	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41690	42590	43490	
20MHz	QPSK	1	0	19.53	19.54	19.28	20.00
		1	50	19.34	19.53	19.33	20.00
		1	99	19.19	19.40	19.41	20.00
		50	0	19.45	19.49	19.42	20.00
		50	25	19.25	19.26	19.28	20.00
		50	50	19.37	19.38	19.31	20.00
		100	0	19.54	19.41	19.35	20.00
	16QAM	1	0	19.41	19.27	19.18	20.00
		1	50	19.20	19.63	19.23	20.00
		1	99	19.45	19.34	19.42	20.00
		50	0	19.35	19.48	19.45	20.00
		50	25	19.31	19.35	19.24	20.00
		50	50	19.52	19.52	19.37	20.00
		100	0	19.25	19.42	19.32	20.00
	64QAM	1	0	19.37	19.55	19.37	20.00
		1	50	19.46	19.38	19.37	20.00
		1	99	19.39	19.43	19.43	20.00
		50	0	19.23	19.35	19.26	20.00
		50	25	19.65	19.41	19.33	20.00
		50	50	19.56	19.34	19.22	20.00
		100	0	19.28	19.37	19.25	20.00



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1.3 Conducted Power of Legacy(Ant3)

GSM 850 Full Power/Receive on/Receive off										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		128	190	251	Tune up		128	190	251	Tune up
GSM(GMSK)	GSM	31.79	31.92	31.93	32.00	-9.19	22.60	22.73	22.74	22.81
GPRS (GMSK)	1 TX Slot	31.99	31.86	31.72	32.00	-9.19	22.80	22.67	22.53	22.81
	2 TX Slots	29.32	29.18	29.25	29.50	-6.18	23.14	23.00	23.07	23.32
	3 TX Slots	27.39	27.36	27.30	27.50	-4.42	22.97	22.94	22.88	23.08
	4 TX Slots	26.10	26.15	26.14	26.50	-3.17	22.93	22.98	22.97	23.33
EGPRS (8PSK)	1 TX Slot	24.80	24.85	24.72	25.00	-9.19	15.61	15.66	15.53	15.81
	2 TX Slots	24.77	24.71	24.76	25.00	-6.18	18.59	18.53	18.58	18.82
	3 TX Slots	22.37	22.31	22.27	22.50	-4.42	17.95	17.89	17.85	18.08
	4 TX Slots	20.13	20.25	20.40	20.50	-3.17	16.96	17.08	17.23	17.33

WCDMA Band V Full Power/Receive on					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	24.13	24.25	24.19	24.50
	12.2kbps AMR	24.03	24	24.12	24.50
HSUPA	Subtest 1	22.69	22.57	22.63	23.00
	Subtest 2	22.58	22.71	22.56	23.00
	Subtest 3	22.36	22.47	22.47	23.00
	Subtest 4	22.08	22.08	22.15	22.50
	Subtest 5	22.07	21.98	22.00	22.50

WCDMA Band V Receive off					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	20.71	20.72	20.63	21.00
	12.2kbps AMR	20.47	20.44	20.59	21.00
HSUPA	Subtest 1	19.13	19.09	19.15	19.50
	Subtest 2	19.11	19.21	19.14	19.50
	Subtest 3	18.95	18.98	19.03	19.50
	Subtest 4	18.49	18.54	18.74	19.00
	Subtest 5	18.65	18.41	18.44	19.00

LTE Band 5 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	23.68	23.69	23.72	24.00
		1	2	23.57	23.47	23.39	24.00
		1	5	23.31	23.39	23.47	24.00
		3	0	23.56	23.56	23.47	24.00
		3	2	23.60	23.70	23.73	24.00
		3	3	23.69	23.72	23.77	24.00
	16QAM	6	0	22.35	22.40	22.38	23.00
		1	0	22.71	22.72	22.76	23.00
		1	2	22.46	22.54	22.45	23.00
		1	5	22.31	22.25	22.25	23.00
		3	0	22.74	22.76	22.71	23.00
		3	2	22.27	22.27	22.27	23.00
		3	3	22.40	22.44	22.36	23.00
		6	0	21.86	21.89	21.96	22.00
	64QAM	1	0	21.55	21.63	21.56	22.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 52 of 252

		1	2	21.45	21.40	21.46	22.00
		1	5	21.64	21.70	21.78	22.00
		3	0	21.48	21.49	21.39	22.00
		3	2	21.11	21.21	21.12	22.00
		3	3	21.60	21.59	21.65	22.00
		6	0	20.45	20.52	20.53	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20415	20525	20635	
3MHz	QPSK	1	0	23.66	23.64	23.55	24.00
		1	7	23.65	23.56	23.61	24.00
		1	14	23.39	23.31	23.38	24.00
		8	0	22.51	22.59	22.65	23.00
		8	4	22.71	22.74	22.72	23.00
		8	7	22.71	22.62	22.65	23.00
	16QAM	15	0	22.40	22.39	22.38	23.00
		1	0	22.66	22.73	22.79	23.00
		1	7	22.36	22.45	22.40	23.00
		1	14	22.29	22.29	22.26	23.00
		8	0	21.77	21.85	21.81	22.00
		8	4	21.34	21.35	21.36	22.00
	64QAM	8	7	21.30	21.38	21.48	22.00
		15	0	21.96	21.86	21.87	22.00
		1	0	21.76	21.67	21.75	22.00
		1	7	21.21	21.30	21.40	22.00
		1	14	21.63	21.72	21.72	22.00
		8	0	20.52	20.53	20.60	21.00
5MHz	QPSK	8	4	20.36	20.31	20.25	21.00
		8	7	20.70	20.65	20.58	21.00
		15	0	20.45	20.45	20.38	21.00
	16QAM	1	0	23.59	23.56	23.59	24.00
		1	13	23.70	23.66	23.64	24.00
		1	24	23.49	23.39	23.45	24.00
	64QAM	12	0	22.59	22.50	22.53	23.00
		12	6	22.83	22.75	22.71	23.00
		12	13	22.61	22.52	22.61	23.00
	16QAM	25	0	22.48	22.42	22.32	23.00
		1	0	22.70	22.74	22.78	23.00
		1	13	22.50	22.51	22.51	23.00
		1	24	22.21	22.29	22.34	23.00
	64QAM	12	0	21.89	21.85	21.95	22.00
		12	6	21.46	21.45	21.55	22.00
		12	13	21.28	21.32	21.38	22.00
		25	0	21.81	21.79	21.89	22.00
10MHz	QPSK	1	0	21.73	21.64	21.67	22.00
		1	13	21.33	21.36	21.26	22.00
		1	24	21.70	21.72	21.76	22.00
		12	0	20.54	20.55	20.52	21.00
		12	6	20.27	20.34	20.38	21.00
		12	13	20.56	20.66	20.56	21.00
	16QAM	25	0	20.38	20.38	20.39	21.00
		1	0	/	20525	/	Tune up
		1	25	/	23.50	/	24.00
		1	49	/	23.66	/	24.00
		25	0	/	23.46	/	24.00
		25	13	/	22.43	/	23.00
	64QAM	25	25	/	22.73	/	23.00
		25	25	/	22.55	/	23.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 53 of 252

		50	0	/	22.35	/	23.00
	16QAM	1	0	/	22.78	/	23.00
		1	25	/	22.51	/	23.00
		1	49	/	22.28	/	23.00
		25	0	/	21.75	/	22.00
		25	13	/	21.46	/	22.00
		25	25	/	21.38	/	22.00
		50	0	/	21.73	/	22.00
	64QAM	1	0	/	21.54	/	22.00
		1	25	/	21.36	/	22.00
		1	49	/	21.64	/	22.00
		25	0	/	20.45	/	21.00
		25	13	/	20.27	/	21.00
		25	25	/	20.72	/	21.00
		50	0	/	20.35	/	21.00

LTE Band 5 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20407	Channel 20525	Channel 20643	Tune up
1.4MHz	QPSK	1	0	19.62	19.63	19.72	20.00
		1	2	19.64	19.38	19.35	20.00
		1	5	19.35	19.32	19.51	20.00
		3	0	19.50	19.65	19.40	20.00
		3	2	19.57	19.78	19.69	20.00
		3	3	19.78	19.72	19.74	20.00
	16QAM	6	0	19.41	19.33	19.43	20.00
		1	0	19.75	19.64	19.78	20.00
		1	2	19.39	19.54	19.41	20.00
		1	5	19.24	19.29	19.20	20.00
		3	0	19.69	19.75	19.63	20.00
		3	2	19.31	19.23	19.35	20.00
	64QAM	3	3	19.49	19.42	19.29	20.00
		6	0	19.78	19.91	19.88	20.00
		1	0	19.55	19.64	19.63	20.00
		1	2	19.38	19.38	19.47	20.00
		1	5	19.59	19.68	19.79	20.00
		3	0	19.43	19.49	19.44	20.00
3MHz	QPSK	3	2	19.10	19.14	19.17	20.00
		3	3	19.69	19.65	19.73	20.00
		6	0	19.52	19.50	19.62	20.00
	16QAM	1	0	19.64	19.68	19.71	20.00
		1	7	19.62	19.45	19.41	20.00
		1	14	19.34	19.39	19.55	20.00
	64QAM	8	0	19.54	19.49	19.55	20.00
		8	4	19.66	19.68	19.70	20.00
		8	7	19.73	19.69	19.77	20.00
		15	0	19.29	19.38	19.47	20.00
	16QAM	1	0	19.75	19.67	19.69	20.00
		1	7	19.40	19.59	19.36	20.00
		1	14	19.28	19.28	19.34	20.00
		8	0	19.70	19.74	19.74	20.00
		8	4	19.18	19.32	19.36	20.00
		8	7	19.34	19.41	19.44	20.00
	64QAM	15	0	19.85	19.87	20.01	20.00
		1	0	19.48	19.55	19.47	20.00
		1	7	19.43	19.42	19.50	20.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 54 of 252

		1	14	19.60	19.68	19.74	20.00
		8	0	19.50	19.42	19.35	20.00
		8	4	19.07	19.19	19.13	20.00
		8	7	19.51	19.58	19.71	20.00
		15	0	19.40	19.53	19.57	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	19.67	19.73	19.66	20.00
		1	13	19.59	19.40	19.34	20.00
		1	24	19.37	19.41	19.49	20.00
		12	0	19.62	19.64	19.53	20.00
		12	6	19.68	19.62	19.79	20.00
		12	13	19.70	19.79	19.69	20.00
		25	0	19.36	19.31	19.41	20.00
	16QAM	1	0	19.72	19.63	19.74	20.00
		1	13	19.47	19.58	19.44	20.00
		1	24	19.33	19.16	19.20	20.00
		12	0	19.72	19.83	19.80	20.00
		12	6	19.27	19.33	19.18	20.00
		12	13	19.33	19.43	19.38	20.00
		25	0	19.82	19.94	19.91	20.00
	64QAM	1	0	19.58	19.65	19.52	20.00
		1	13	19.45	19.45	19.49	20.00
		1	24	19.60	19.62	19.73	20.00
		12	0	19.57	19.50	19.46	20.00
		12	6	19.20	19.30	19.18	20.00
		12	13	19.67	19.51	19.64	20.00
		25	0	19.50	19.60	19.58	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20525	/	
10MHz	QPSK	1	0	/	19.61	/	20.00
		1	25	/	19.51	/	20.00
		1	49	/	19.45	/	20.00
		25	0	/	19.55	/	20.00
		25	13	/	19.74	/	20.00
		25	25	/	19.75	/	20.00
		50	0	/	19.45	/	20.00
	16QAM	1	0	/	19.78	/	20.00
		1	25	/	19.55	/	20.00
		1	49	/	19.30	/	20.00
		25	0	/	19.73	/	20.00
		25	13	/	19.28	/	20.00
		25	25	/	19.39	/	20.00
		50	0	/	19.86	/	20.00
	64QAM	1	0	/	19.70	/	20.00
		1	25	/	19.37	/	20.00
		1	49	/	19.62	/	20.00
		25	0	/	19.56	/	20.00
		25	13	/	19.26	/	20.00
		25	25	/	19.67	/	20.00
		50	0	/	19.49	/	20.00

LTE FDD Band 12 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	24.56	24.53	24.51	25.00
		1	2	24.58	24.58	24.62	25.00
		1	5	24.93	24.92	24.76	25.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 55 of 252

		3	0	24.70	24.72	24.79	25.00
		3	2	24.56	24.66	24.67	25.00
		3	3	24.80	24.84	24.90	25.00
		6	0	23.68	23.74	23.77	24.00
	16QAM	1	0	23.59	23.52	23.43	24.00
		1	2	23.91	23.87	23.95	24.00
		1	5	23.45	23.41	23.38	24.00
		3	0	23.49	23.58	23.59	24.00
		3	2	23.83	23.78	23.76	24.00
		3	3	23.31	23.35	23.32	24.00
		6	0	22.59	22.58	22.65	23.00
		6	0	22.59	22.58	22.65	23.00
	64QAM	1	0	22.93	22.97	22.77	23.00
		1	2	22.46	22.53	22.61	23.00
		1	5	22.56	22.47	22.40	23.00
		3	0	22.80	22.79	22.70	23.00
		3	2	22.52	22.55	22.61	23.00
		3	3	22.74	22.66	22.59	23.00
		6	0	21.65	21.71	21.66	22.00
		6	0	21.65	21.71	21.66	22.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
	3MHz	QPSK	1	0	23025	23095	23165
					23025	23095	23165
					23025	23095	23165
					23025	23095	23165
					23025	23095	23165
					23025	23095	23165
					23025	23095	23165
					23025	23095	23165
		16QAM	1	0	23025	23095	23165
					23025	23095	23165
					23025	23095	23165
					23025	23095	23165
					23025	23095	23165
					23025	23095	23165
					23025	23095	23165
					23025	23095	23165
		64QAM	1	0	23025	23095	23165
					23025	23095	23165
					23025	23095	23165
					23025	23095	23165
					23025	23095	23165
					23025	23095	23165
					23025	23095	23165
					23025	23095	23165
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
	5MHz	QPSK	1	0	23035	23095	23155
					23035	23095	23155
					23035	23095	23155
					23035	23095	23155
					23035	23095	23155
					23035	23095	23155
					23035	23095	23155
					23035	23095	23155
		16QAM	1	0	23035	23095	23155
					23035	23095	23155
					23035	23095	23155
					23035	23095	23155
					23035	23095	23155
					23035	23095	23155
					23035	23095	23155
					23035	23095	23155
		64QAM	1	0	23035	23095	23155
					23035	23095	23155
					23035	23095	23155
					23035	23095	23155
					23035	23095	23155
					23035	23095	23155
					23035	23095	23155
					23035	23095	23155



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 56 of 252

		12	0	21.87	21.77	21.78	22.00
		12	6	21.45	21.52	21.46	22.00
		12	13	21.67	21.62	21.70	22.00
		25	0	21.82	21.81	21.91	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23095	/	
10MHz	QPSK	1	0	/	24.58	/	25.00
		1	25	/	24.60	/	25.00
		1	49	/	24.91	/	25.00
		25	0	/	23.56	/	24.00
		25	13	/	23.57	/	24.00
		25	25	/	23.95	/	24.00
	16QAM	50	0	/	23.62	/	24.00
		1	0	/	23.52	/	24.00
		1	25	/	23.95	/	24.00
		1	49	/	23.63	/	24.00
		25	0	/	22.60	/	23.00
		25	13	/	22.72	/	23.00
	64QAM	25	25	/	22.53	/	23.00
		50	0	/	22.56	/	23.00
		1	0	/	22.92	/	23.00
		1	25	/	22.54	/	23.00
		1	49	/	22.51	/	23.00
		25	0	/	21.83	/	22.00
		25	13	/	21.55	/	22.00
		25	25	/	21.53	/	22.00
		50	0	/	21.83	/	22.00

LTE FDD Band 12 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	22.05	22.02	21.92	22.50
		1	2	22.12	22.03	22.11	22.50
		1	5	22.34	22.34	22.23	22.50
		3	0	22.22	22.28	22.20	22.50
		3	2	22.00	22.12	22.11	22.50
		3	3	22.21	22.42	22.46	22.50
	16QAM	6	0	22.27	22.31	22.28	22.50
		1	0	22.07	22.11	21.89	22.50
		1	2	22.35	22.35	22.46	22.50
		1	5	22.04	21.99	21.84	22.50
		3	0	21.94	22.14	22.01	22.50
		3	2	22.26	22.23	22.32	22.50
	64QAM	3	3	21.86	21.93	21.90	22.50
		6	0	22.13	22.09	22.17	22.50
		1	0	22.44	22.15	22.28	22.50
		1	2	21.98	22.01	22.14	22.50
		1	5	22.00	21.99	21.82	22.50
		3	0	22.33	22.30	22.20	22.50
		3	2	22.04	21.97	22.16	22.50
		3	3	22.15	22.15	22.09	22.50
		6	0	21.64	21.78	21.70	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
3MHz	QPSK	1	0	22.17	22.15	21.90	22.50
		1	7	21.98	22.17	22.26	22.50
		1	14	22.34	22.46	22.34	22.50
		8	0	22.19	22.21	22.12	22.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 57 of 252

		8	4	22.13	22.08	22.28	22.50
		8	7	22.31	22.31	22.38	22.50
		15	0	22.21	22.13	22.26	22.50
	16QAM	1	0	22.01	22.13	22.02	22.50
		1	7	22.32	22.29	22.34	22.50
		1	14	21.90	21.97	22.06	22.50
		8	0	22.09	22.07	22.28	22.50
		8	4	22.48	22.37	22.25	22.50
		8	7	22.01	21.86	21.72	22.50
		15	0	22.11	22.16	22.04	22.50
	64QAM	1	0	22.49	22.48	22.28	22.50
		1	7	21.97	22.06	22.05	22.50
		1	14	22.30	22.47	22.37	22.50
		8	0	21.86	21.80	21.72	22.00
		8	4	21.57	21.50	21.56	22.00
		8	7	21.55	21.49	21.74	22.00
		15	0	21.88	21.86	21.74	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	22.12	22.01	21.88	22.50
		1	13	21.96	22.17	22.27	22.50
		1	24	22.37	22.43	22.44	22.50
		12	0	22.18	22.19	22.17	22.50
		12	6	22.27	22.14	22.17	22.50
		12	13	22.39	22.38	22.27	22.50
		25	0	22.10	22.22	22.22	22.50
	16QAM	1	0	22.09	22.15	21.99	22.50
		1	13	22.28	22.41	22.43	22.50
		1	24	21.90	21.93	22.00	22.50
		12	0	22.11	22.12	22.17	22.50
		12	6	22.44	22.42	22.22	22.50
		12	13	21.99	21.97	21.80	22.50
		25	0	22.15	22.05	22.11	22.50
	64QAM	1	0	22.46	22.39	22.32	22.50
		1	13	22.04	22.05	22.04	22.50
		1	24	22.33	22.50	22.35	22.50
		12	0	21.83	21.78	21.73	22.00
		12	6	21.62	21.43	21.52	22.00
		12	13	21.50	21.50	21.58	22.00
		25	0	21.80	21.73	21.82	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23095	/	
10MHz	QPSK	1	0	/	21.98	/	22.50
		1	25	/	22.05	/	22.50
		1	49	/	22.47	/	22.50
		25	0	/	22.11	/	22.50
		25	13	/	22.06	/	22.50
		25	25	/	22.28	/	22.50
		50	0	/	22.26	/	22.50
	16QAM	1	0	/	22.13	/	22.50
		1	25	/	22.30	/	22.50
		1	49	/	21.86	/	22.50
		25	0	/	22.22	/	22.50
		25	13	/	22.30	/	22.50
		25	25	/	21.83	/	22.50
		50	0	/	22.17	/	22.50
	64QAM	1	0	/	22.32	/	22.50
		1	25	/	22.21	/	22.50
		1	49	/	22.43	/	22.50
		25	0	/	21.75	/	22.00



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 58 of 252

		25	13	/	21.48	/	22.00
		25	25	/	21.57	/	22.00
		50	0	/	21.85	/	22.00

LTE FDD Band 17 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	/	23790	/	25.00
		1	13	/	24.58	/	25.00
		1	24	/	24.86	/	25.00
		12	0	/	24.60	/	25.00
		12	6	/	23.48	/	24.00
		12	13	/	23.83	/	24.00
	16QAM	25	0	/	23.70	/	24.00
		1	0	/	23.53	/	24.00
		1	13	/	23.85	/	24.00
		1	24	/	23.59	/	24.00
		12	0	/	23.54	/	24.00
		12	6	/	22.85	/	23.00
	64QAM	12	13	/	22.68	/	23.00
		25	0	/	22.67	/	23.00
		1	0	/	22.81	/	23.00
		1	13	/	22.56	/	23.00
		1	24	/	22.60	/	23.00
		12	0	/	22.83	/	23.00
10MHz	QPSK	12	6	/	21.67	/	22.00
		12	13	/	21.65	/	22.00
		25	0	/	21.85	/	22.00
		1	0	/	21.69	/	22.00
		1	13	/	21.51	/	22.00
		1	25	/	24.91	/	25.00
	16QAM	1	49	/	24.67	/	25.00
		25	0	/	23.58	/	24.00
		25	13	/	23.92	/	24.00
		25	25	/	23.77	/	24.00
		50	0	/	23.55	/	24.00
		1	0	/	23.99	/	24.00
	64QAM	1	25	/	23.68	/	24.00
		1	49	/	23.56	/	24.00
		25	0	/	22.90	/	23.00
		25	13	/	22.68	/	23.00
		25	25	/	22.62	/	23.00
		50	0	/	22.96	/	23.00
	QPSK	1	0	/	22.61	/	23.00
		1	25	/	22.58	/	23.00
		1	49	/	22.96	/	23.00
		25	0	/	21.71	/	22.00
	16QAM	25	13	/	21.61	/	22.00
		25	25	/	21.81	/	22.00
		50	0	/	21.70	/	22.00
	64QAM						



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 59 of 252

LTE FDD Band 17 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	/	23790	/	22.50
		1	13	/	22.34	/	22.50
		1	24	/	22.06	/	22.50
		12	0	/	22.06	/	22.50
		12	6	/	22.27	/	22.50
		12	13	/	22.17	/	22.50
		25	0	/	22.01	/	22.50
	16QAM	1	0	/	22.35	/	22.50
		1	13	/	22.04	/	22.50
		1	24	/	22.09	/	22.50
		12	0	/	22.34	/	22.50
		12	6	/	22.17	/	22.50
		12	13	/	22.22	/	22.50
		25	0	/	22.40	/	22.50
	64QAM	1	0	/	22.06	/	22.50
		1	13	/	22.07	/	22.50
		1	24	/	22.37	/	22.50
		12	0	/	21.73	/	22.00
		12	6	/	21.59	/	22.00
		12	13	/	21.90	/	22.00
		25	0	/	21.77	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	22.17	/	22.50
		1	25	/	22.40	/	22.50
		1	49	/	22.16	/	22.50
		25	0	/	22.00	/	22.50
		25	13	/	22.35	/	22.50
		25	25	/	22.23	/	22.50
		50	0	/	22.05	/	22.50
	16QAM	1	0	/	22.37	/	22.50
		1	25	/	22.07	/	22.50
		1	49	/	22.13	/	22.50
		25	0	/	22.41	/	22.50
		25	13	/	22.26	/	22.50
		25	25	/	22.21	/	22.50
		50	0	/	22.32	/	22.50
	64QAM	1	0	/	22.06	/	22.50
		1	25	/	22.15	/	22.50
		1	49	/	22.30	/	22.50
		25	0	/	21.64	/	22.00
		25	13	/	21.54	/	22.00
		25	25	/	21.73	/	22.00
		50	0	/	21.70	/	22.00

LTE Band 26 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	26697	26865	27033	24.00
		1	2	23.73	23.66	23.59	24.00
		1	5	23.87	23.95	24.02	24.00
		3	0	23.57	23.64	23.69	24.00
		3	2	23.73	23.74	23.83	24.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 60 of 252

	16QAM	3	3	23.86	23.86	23.88	24.00
		6	0	22.88	22.94	22.95	23.00
		1	0	22.77	22.81	22.81	23.00
		1	2	22.76	22.84	22.91	23.00
		1	5	22.61	22.63	22.64	23.00
		3	0	22.72	22.74	22.73	23.00
		3	2	22.46	22.41	22.47	23.00
		3	3	22.85	22.87	22.93	23.00
		6	0	21.85	21.94	21.79	22.00
	64QAM	1	0	21.48	21.52	21.50	22.00
		1	2	21.53	21.54	21.59	22.00
		1	5	21.79	21.81	21.99	22.00
		3	0	21.95	21.89	21.88	22.00
		3	2	21.63	21.66	21.61	22.00
		3	3	21.90	21.88	21.82	22.00
		6	0	20.46	20.51	20.57	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 26705	Channel 26865	Channel 27025	Tune up
3MHz	QPSK	1	0	23.58	23.48	23.53	24.00
		1	7	23.79	23.69	23.71	24.00
		1	14	23.89	23.97	23.98	24.00
		8	0	22.77	22.69	22.71	23.00
		8	4	22.83	22.76	22.68	23.00
		8	7	22.78	22.79	22.81	23.00
		15	0	22.95	22.85	22.80	23.00
	16QAM	1	0	22.80	22.85	22.86	23.00
		1	7	22.79	22.93	22.89	23.00
		1	14	22.58	22.67	22.60	23.00
		8	0	21.77	21.81	21.78	22.00
		8	4	21.54	21.51	21.45	22.00
		8	7	21.92	21.77	21.94	22.00
		15	0	21.88	21.86	21.96	22.00
	64QAM	1	0	21.64	21.56	21.64	22.00
		1	7	21.62	21.63	21.56	22.00
		1	14	21.85	21.95	21.89	22.00
		8	0	20.85	20.82	20.89	21.00
		8	4	20.57	20.59	20.62	21.00
		8	7	20.91	20.81	20.80	21.00
		15	0	20.60	20.57	20.67	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 26715	Channel 26865	Channel 27015	Tune up
5MHz	QPSK	1	0	23.51	23.47	23.49	24.00
		1	13	23.69	23.70	23.74	24.00
		1	24	23.91	23.91	23.96	24.00
		12	0	22.61	22.59	22.50	23.00
		12	6	22.74	22.69	22.66	23.00
		12	13	22.88	22.86	22.83	23.00
		25	0	22.74	22.82	22.80	23.00
	16QAM	1	0	22.74	22.82	22.77	23.00
		1	13	22.95	22.86	22.76	23.00
		1	24	22.70	22.75	22.74	23.00
		12	0	21.68	21.77	21.71	22.00
		12	6	21.47	21.57	21.65	22.00
		12	13	21.95	21.97	21.88	22.00
		25	0	21.75	21.84	21.79	22.00
	64QAM	1	0	21.47	21.53	21.44	22.00
		1	13	21.74	21.72	21.67	22.00
		1	24	21.77	21.87	21.78	22.00
		12	0	20.70	20.75	20.83	21.00
		12	6	20.67	20.66	20.70	21.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 61 of 252

Bandwidth	Modulation	12	13	20.85	20.76	20.69	21.00
		25	0	20.53	20.58	20.59	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	23.50	23.57	23.48	24.00
		1	25	23.71	23.71	23.79	24.00
		1	49	23.85	23.84	23.83	24.00
		25	0	22.77	22.68	22.70	23.00
		25	13	22.52	22.60	22.61	23.00
		25	25	22.72	22.81	22.79	23.00
		50	0	22.67	22.75	22.75	23.00
		50	13	22.67	22.75	22.75	23.00
	16QAM	1	0	22.86	22.77	22.82	23.00
		1	25	22.77	22.76	22.84	23.00
		1	49	22.67	22.74	22.67	23.00
		25	0	21.75	21.68	21.68	22.00
		25	13	21.73	21.67	21.62	22.00
		25	25	21.97	21.88	21.89	22.00
		50	0	21.79	21.85	21.94	22.00
		50	13	21.79	21.85	21.94	22.00
	64QAM	1	0	21.67	21.62	21.59	22.00
		1	25	21.78	21.70	21.78	22.00
		1	49	21.86	21.77	21.68	22.00
		25	0	20.86	20.76	20.81	21.00
		25	13	20.79	20.74	20.68	21.00
		25	25	20.85	20.84	20.78	21.00
		50	0	20.42	20.50	20.49	21.00
		50	13	20.42	20.50	20.49	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	26865	/	
15MHz	QPSK	1	0	/	23.61	/	24.00
		1	38	/	23.64	/	24.00
		1	74	/	23.83	/	24.00
		36	0	/	22.65	/	23.00
		36	18	/	22.69	/	23.00
		36	39	/	22.84	/	23.00
		75	0	/	22.71	/	23.00
		75	18	/	22.71	/	23.00
	16QAM	1	0	/	22.74	/	23.00
		1	38	/	22.80	/	23.00
		1	74	/	22.77	/	23.00
		36	0	/	21.77	/	22.00
		36	18	/	21.70	/	22.00
		36	39	/	21.78	/	22.00
		75	0	/	21.87	/	22.00
		75	18	/	21.87	/	22.00
	64QAM	1	0	/	21.66	/	22.00
		1	38	/	21.80	/	22.00
		1	74	/	21.80	/	22.00
		36	0	/	20.66	/	21.00
		36	18	/	20.72	/	21.00
		36	39	/	20.88	/	21.00
		75	0	/	20.57	/	21.00
		75	18	/	20.57	/	21.00

LTE Band 26 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	20.66	20.44	20.64	21.00
		1	2	20.77	20.62	20.64	21.00
		1	5	20.81	20.95	20.86	21.00
		3	0	20.61	20.55	20.61	21.00
		3	2	20.72	20.76	20.76	21.00
		3	3	20.87	20.86	20.81	21.00
		3	5	20.87	20.86	20.81	21.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 62 of 252

	16QAM	6	0	20.89	20.89	20.91	21.00
		1	0	20.77	20.76	20.76	21.00
		1	2	20.71	20.81	20.85	21.00
		1	5	20.70	20.67	20.73	21.00
		3	0	20.66	20.68	20.67	21.00
		3	2	20.42	20.48	20.51	21.00
		3	3	20.78	20.84	20.98	21.00
		6	0	20.81	20.85	20.70	21.00
	64QAM	1	0	20.45	20.58	20.59	21.00
		1	2	20.48	20.62	20.61	21.00
		1	5	20.74	20.83	20.94	21.00
		3	0	20.92	20.91	20.83	21.00
		3	2	20.65	20.70	20.53	21.00
		3	3	20.85	20.93	20.76	21.00
		6	0	20.44	20.43	20.62	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	20.66	20.58	20.56	21.00
		1	7	20.66	20.62	20.59	21.00
		1	14	20.82	20.95	20.79	21.00
		8	0	20.66	20.62	20.60	21.00
		8	4	20.71	20.83	20.85	21.00
		8	7	20.88	20.95	20.90	21.00
		15	0	20.92	19.78	20.86	21.00
	16QAM	1	0	20.86	20.72	20.90	21.00
		1	7	20.80	20.91	20.99	21.00
		1	14	20.56	20.69	20.55	21.00
		8	0	20.69	20.75	20.68	21.00
		8	4	20.46	20.42	20.49	21.00
		8	7	20.89	20.80	20.85	21.00
		15	0	20.85	20.89	20.86	21.00
	64QAM	1	0	20.44	20.55	20.54	21.00
		1	7	20.56	20.48	20.51	21.00
		1	14	20.70	20.73	21.00	21.00
		8	0	19.89	20.93	20.79	21.00
		8	4	20.70	20.60	20.62	21.00
		8	7	20.85	20.86	20.83	21.00
		15	0	20.68	20.53	20.66	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	20.67	20.53	20.65	21.00
		1	13	20.75	20.73	20.50	21.00
		1	24	20.96	20.94	20.82	21.00
		12	0	20.51	20.58	20.60	21.00
		12	6	20.70	20.82	20.84	21.00
		12	13	20.93	20.86	20.96	21.00
		25	0	20.81	20.93	20.95	21.00
	16QAM	1	0	20.79	20.79	20.73	21.00
		1	13	20.75	20.86	20.88	21.00
		1	24	20.70	20.64	20.70	21.00
		12	0	20.70	20.74	20.81	21.00
		12	6	20.47	20.40	20.39	21.00
		12	13	20.76	20.89	21.01	21.00
		25	0	20.93	20.88	20.70	21.00
	64QAM	1	0	20.39	20.44	20.59	21.00
		1	13	20.54	20.51	20.67	21.00
		1	24	20.70	20.87	21.00	21.00
		12	0	20.91	20.83	20.91	21.00
		12	6	20.66	20.67	20.54	21.00
		12	13	20.85	20.81	20.73	21.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 63 of 252

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
		25	0	20.54	20.64	20.65	21.00
				26740	26865	26990	
10MHz	QPSK	1	0	20.67	20.48	20.64	21.00
		1	25	20.64	20.71	20.57	21.00
		1	49	20.85	20.90	20.79	21.00
		25	0	20.55	20.55	20.72	21.00
		25	13	20.78	20.72	20.75	21.00
		25	25	20.93	20.82	20.92	21.00
		50	0	20.93	20.99	20.86	21.00
	16QAM	1	0	20.72	20.87	20.78	21.00
		1	25	20.85	20.82	20.83	21.00
		1	49	20.57	20.66	20.61	21.00
		25	0	20.72	20.68	20.78	21.00
		25	13	20.53	20.34	20.51	21.00
		25	25	20.78	20.83	20.88	21.00
		50	0	20.88	20.89	20.81	21.00
	64QAM	1	0	20.40	20.45	20.43	21.00
		1	25	20.62	20.52	20.58	21.00
		1	49	20.83	20.80	20.96	21.00
		25	0	20.97	20.88	20.92	21.00
		25	13	20.68	20.65	20.56	21.00
		25	25	20.90	20.86	20.84	21.00
		50	0	20.50	20.42	20.40	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	26865	/	
15MHz	QPSK	1	0	/	20.44	/	21.00
		1	38	/	20.71	/	21.00
		1	74	/	20.93	/	21.00
		36	0	/	20.66	/	21.00
		36	18	/	20.81	/	21.00
		36	39	/	20.94	/	21.00
		75	0	/	20.97	/	21.00
	16QAM	1	0	/	20.83	/	21.00
		1	38	/	20.80	/	21.00
		1	74	/	20.69	/	21.00
		36	0	/	20.71	/	21.00
		36	18	/	20.38	/	21.00
		36	39	/	20.82	/	21.00
		75	0	/	21.00	/	21.00
	64QAM	1	0	/	20.57	/	21.00
		1	38	/	20.55	/	21.00
		1	74	/	20.87	/	21.00
		36	0	/	20.95	/	21.00
		36	18	/	20.71	/	21.00
		36	39	/	20.80	/	21.00
		75	0	/	20.49	/	21.00

LTE Band 66 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.01	23.07	22.92	23.50
		1	2	23.06	23.00	22.97	23.50
		1	5	22.96	22.94	22.96	23.50
		3	0	22.91	23.05	22.90	23.50
		3	1	22.96	23.06	23.00	23.50
		3	3	23.04	23.08	22.94	23.50
		6	0	21.97	22.02	22.04	22.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 64 of 252

	16QAM	1	0	21.94	22.03	21.98	22.50
		1	2	21.99	22.08	21.97	22.50
		1	5	22.04	21.97	21.93	22.50
		3	0	21.92	21.90	21.95	22.50
		3	1	22.06	22.02	21.98	22.50
		3	3	22.04	21.92	22.07	22.50
	64QAM	6	0	20.92	20.90	21.00	21.50
		1	0	21.10	20.99	21.02	21.50
		1	2	20.91	20.93	21.01	21.50
		1	5	20.92	21.03	21.07	21.50
		3	0	21.05	20.90	21.01	21.50
		3	1	20.93	21.06	21.06	21.50
		3	3	21.03	20.95	20.95	21.50
		6	0	20.02	20.04	19.92	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 131987	Channel 132322	Channel 132657	Tune up
3MHz	QPSK	1	0	22.99	22.91	23.02	23.50
		1	7	23.02	22.97	23.01	23.50
		1	14	23.04	22.92	22.91	23.50
		8	0	22.08	22.00	21.94	22.50
		8	4	21.92	22.02	21.98	22.50
		8	7	22.03	21.92	22.05	22.50
	16QAM	15	0	21.92	21.92	22.03	22.50
		1	0	22.00	22.03	22.05	22.50
		1	7	21.94	21.94	21.97	22.50
		1	14	22.03	22.02	22.00	22.50
		8	0	21.03	20.99	21.05	21.50
		8	4	20.92	21.10	20.93	21.50
	64QAM	8	7	20.96	21.09	21.03	21.50
		15	0	21.08	21.04	20.92	21.50
		1	0	21.09	21.03	20.90	21.50
		1	7	21.00	21.06	20.97	21.50
		1	14	20.91	20.90	21.04	21.50
		8	0	20.07	19.93	19.93	20.50
5MHz	QPSK	8	4	19.95	20.01	19.98	20.50
		8	7	20.07	19.92	20.06	20.50
		15	0	20.05	20.08	20.07	20.50
	16QAM	1	0	22.94	23.09	23.08	23.50
		1	13	22.96	22.91	23.03	23.50
		1	24	23.04	23.02	23.08	23.50
		12	0	22.00	21.93	22.01	22.50
		12	6	22.10	21.99	22.03	22.50
		12	13	22.05	21.96	21.94	22.50
	64QAM	25	0	22.01	22.00	21.94	22.50
		1	0	21.92	22.05	22.08	22.50
		1	13	21.94	22.07	21.97	22.50
		1	24	21.94	22.06	21.99	22.50
		12	0	21.03	20.90	21.09	21.50
		12	6	21.08	20.95	20.94	21.50
	Bandwidth	12	13	20.90	20.91	21.07	21.50
		25	0	20.95	21.02	21.02	21.50
		1	0	20.93	20.98	21.09	21.50
		1	13	21.00	21.07	21.07	21.50
		1	24	21.04	20.90	21.06	21.50
		12	0	20.01	19.92	20.01	20.50
	Modulation	12	6	20.02	19.96	19.91	20.50
		12	13	20.05	19.94	19.98	20.50
		25	0	19.91	20.08	20.02	20.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 65 of 252

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.02	22.92	23.05	23.50
		1	25	23.09	23.03	22.90	23.50
		1	49	22.95	22.98	22.92	23.50
		25	0	22.00	21.90	21.93	22.50
		25	13	21.94	22.10	21.94	22.50
		25	25	21.98	21.90	21.96	22.50
		50	0	21.94	21.90	22.02	22.50
	16QAM	1	0	22.07	22.02	21.99	22.50
		1	25	22.04	22.02	21.99	22.50
		1	49	22.00	22.00	21.94	22.50
		25	0	21.02	21.08	21.05	21.50
		25	13	20.97	21.08	20.91	21.50
		25	25	21.06	21.09	20.95	21.50
		50	0	20.90	21.02	20.97	21.50
	64QAM	1	0	21.01	21.04	20.92	21.50
		1	25	20.93	21.08	21.06	21.50
		1	49	20.96	21.07	21.01	21.50
		25	0	20.09	20.00	19.97	20.50
		25	13	19.92	20.06	19.99	20.50
		25	25	19.90	19.97	19.94	20.50
		50	0	19.97	20.05	19.97	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.04	22.93	22.95	23.50
		1	38	22.90	22.92	22.94	23.50
		1	74	23.04	22.97	22.97	23.50
		36	0	21.99	21.95	22.10	22.50
		36	18	22.05	22.07	21.91	22.50
		36	39	21.95	22.09	21.93	22.50
		75	0	22.06	22.02	22.07	22.50
	16QAM	1	0	21.94	22.08	22.03	22.50
		1	38	21.95	22.09	21.93	22.50
		1	74	22.05	21.93	22.06	22.50
		36	0	21.02	20.92	20.99	21.50
		36	18	20.90	21.10	20.96	21.50
		36	39	20.95	21.04	20.95	21.50
		75	0	21.00	20.97	20.94	21.50
	64QAM	1	0	21.04	21.07	21.04	21.50
		1	38	21.06	20.96	20.95	21.50
		1	74	20.90	20.99	21.01	21.50
		36	0	19.90	20.06	19.96	20.50
		36	18	19.93	19.97	19.96	20.50
		36	39	19.92	19.92	20.00	20.50
		75	0	20.01	20.09	20.01	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.08	22.98	22.96	23.50
		1	50	22.93	22.92	23.03	23.50
		1	99	22.92	23.11	23.09	23.50
		50	0	21.97	22.02	22.07	22.50
		50	25	22.06	22.02	21.98	22.50
		50	50	22.09	22.11	21.98	22.50
		100	0	22.02	21.97	22.01	22.50
	16QAM	1	0	22.04	22.01	21.92	22.50
		1	50	21.91	21.96	22.03	22.50
		1	99	21.99	21.90	22.07	22.50
		50	0	21.06	21.10	20.97	21.50
		50	25	20.93	21.01	21.07	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 66 of 252

	64QAM	50	50	21.04	21.04	20.97	21.50
		100	0	20.95	20.99	21.08	21.50
		1	0	21.10	20.96	21.02	21.50
		1	50	20.92	21.04	20.96	21.50
		1	99	20.96	21.03	21.06	21.50
		50	0	20.01	19.90	20.07	20.50
		50	25	19.97	20.00	19.90	20.50
		50	50	20.05	19.93	20.04	20.50
		100	0	20.10	20.02	20.06	20.50

LTE Band 66 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 131979	Channel 132322	Channel 132665	Tune up
1.4MHz	QPSK	1	0	16.97	16.98	16.91	17.50
		1	2	17.14	17.08	16.90	17.50
		1	5	17.00	16.86	16.95	17.50
		3	0	16.86	17.02	16.92	17.50
		3	1	17.02	17.03	17.08	17.50
		3	3	17.06	17.11	16.93	17.50
	16QAM	6	0	16.98	17.10	16.95	17.50
		1	0	16.88	17.02	16.94	17.50
		1	2	17.07	17.09	16.97	17.50
		1	5	17.04	16.97	16.88	17.50
		3	0	16.86	16.96	16.99	17.50
		3	1	17.00	17.02	16.97	17.50
	64QAM	3	3	17.01	16.92	17.10	17.50
		6	0	16.85	16.82	16.91	17.50
		1	0	17.08	16.99	17.03	17.50
		1	2	16.87	16.86	16.98	17.50
		1	5	16.99	16.98	17.10	17.50
		3	0	17.12	16.81	16.99	17.50
3MHz	QPSK	3	1	16.97	16.98	17.01	17.50
		3	3	17.12	17.00	17.04	17.50
		6	0	16.94	17.10	17.01	17.50
	16QAM	1	0	17.10	17.16	16.84	17.50
		1	7	16.99	16.99	16.88	17.50
		1	14	16.91	16.89	16.99	17.50
	64QAM	8	0	16.86	17.11	16.92	17.50
		8	4	17.02	17.02	17.02	17.50
		8	7	16.99	17.05	17.02	17.50
		15	0	16.90	16.93	17.04	17.50
	16QAM	1	0	16.85	17.10	17.00	17.50
		1	7	17.01	17.09	16.95	17.50
		1	14	17.08	16.98	16.88	17.50
		8	0	16.93	16.82	16.99	17.50
		8	4	17.00	16.98	17.00	17.50
		8	7	16.97	16.91	17.01	17.50
	QPSK	15	0	16.94	16.87	17.00	17.50
		1	0	17.15	16.92	17.07	17.50
		1	7	16.98	16.84	17.10	17.50
		1	14	16.99	17.03	17.03	17.50
		8	0	17.12	16.97	16.95	17.50
		8	4	16.95	17.07	16.97	17.50
	16QAM	8	7	16.97	16.87	16.89	17.50
		15	0	16.94	17.01	16.83	17.50
	64QAM	1	0	17.10	17.16	16.84	17.50
		1	7	16.99	16.99	16.88	17.50
		1	14	16.91	16.89	16.99	17.50
		8	0	16.86	17.11	16.92	17.50
		8	4	17.02	17.02	17.02	17.50
		8	7	16.99	17.05	17.02	17.50
	16QAM	15	0	16.90	16.93	17.04	17.50
		1	0	16.85	17.10	17.00	17.50
		1	7	17.01	17.09	16.95	17.50
		1	14	17.08	16.98	16.88	17.50
		8	0	16.93	16.82	16.99	17.50
		8	4	17.00	16.98	17.00	17.50
	64QAM	8	7	16.97	16.91	17.01	17.50
		15	0	16.94	16.87	17.00	17.50
		1	0	17.15	16.92	17.07	17.50
		1	7	16.98	16.84	17.10	17.50
		1	14	16.99	17.03	17.03	17.50
		8	0	17.12	16.97	16.95	17.50
		8	4	16.95	17.07	16.97	17.50
		8	7	16.97	16.87	16.89	17.50
		15	0	16.94	17.01	16.83	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 67 of 252

				131997	132322	132647	
5MHz	QPSK	1	0	16.95	17.14	16.85	17.50
		1	13	17.06	17.03	16.90	17.50
		1	24	16.95	17.02	16.98	17.50
		12	0	16.85	17.01	16.97	17.50
		12	6	17.05	17.00	16.96	17.50
		12	13	17.08	17.06	16.91	17.50
	16QAM	25	0	17.03	17.07	17.08	17.50
		1	0	17.03	17.03	17.06	17.50
		1	13	16.90	17.00	17.06	17.50
		1	24	17.03	17.00	16.98	17.50
		12	0	17.01	16.85	16.98	17.50
		12	6	17.15	17.09	16.99	17.50
	64QAM	12	13	16.99	16.84	17.09	17.50
		25	0	16.90	16.81	17.06	17.50
		1	0	17.11	17.01	16.93	17.50
		1	13	16.85	16.86	16.94	17.50
		1	24	16.98	17.12	17.02	17.50
		12	0	17.07	16.85	17.02	17.50
10MHz	QPSK	12	6	16.98	17.14	17.07	17.50
		12	13	16.96	16.98	16.92	17.50
		25	0	17.10	17.12	16.93	17.50
	16QAM	1	0	17.04	17.12	16.83	17.50
		1	25	17.05	16.97	17.04	17.50
		1	49	16.87	17.03	16.93	17.50
	64QAM	25	0	16.92	17.12	16.84	17.50
		25	13	16.87	17.01	17.05	17.50
		25	25	17.07	17.06	16.92	17.50
		50	0	16.96	16.99	17.06	17.50
	16QAM	1	0	16.93	16.99	16.89	17.50
		1	25	16.98	17.11	17.01	17.50
		1	49	16.97	17.03	16.88	17.50
		25	0	16.97	16.82	16.90	17.50
		25	13	16.99	16.95	17.03	17.50
		25	25	16.97	16.90	16.99	17.50
15MHz	QPSK	50	0	16.84	16.88	16.98	17.50
		1	0	17.11	17.06	17.05	17.50
		1	25	17.00	16.93	16.94	17.50
		1	49	16.93	17.06	17.08	17.50
		25	0	17.04	16.83	17.07	17.50
		25	13	16.99	17.08	16.97	17.50
	16QAM	25	25	17.03	16.99	17.02	17.50
		50	0	17.08	16.97	16.86	17.50
	QPSK	1	0	17.04	17.08	16.89	17.50
		1	38	17.04	16.95	17.02	17.50
		1	74	16.88	16.94	16.92	17.50
		36	0	16.89	17.14	16.82	17.50
		36	18	17.05	17.02	16.94	17.50
		36	39	17.01	17.10	17.02	17.50
	16QAM	75	0	17.06	16.94	17.02	17.50
		1	0	16.97	17.08	17.07	17.50
		1	38	16.91	17.04	16.90	17.50
		1	74	17.02	16.89	16.85	17.50
		36	0	16.95	16.91	16.96	17.50
		36	18	17.15	16.94	17.06	17.50
		36	39	16.95	16.92	17.05	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 132022	Channel 132322	Channel 132622	Tune up
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 68 of 252

		75	0	16.83	16.87	16.99	17.50
	64QAM	1	0	17.17	17.07	16.93	17.50
		1	38	16.94	16.94	17.02	17.50
		1	74	16.87	16.99	17.03	17.50
		36	0	17.03	16.91	17.00	17.50
		36	18	17.01	17.10	17.10	17.50
		36	39	16.99	16.88	17.01	17.50
		75	0	17.11	17.06	16.99	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	17.10	17.10	17.12	17.50
		1	50	17.07	16.98	17.06	17.50
		1	99	16.88	17.00	17.00	17.50
		50	0	16.98	17.10	16.94	17.50
		50	25	16.88	16.97	16.99	17.50
		50	50	17.04	17.01	16.89	17.50
		100	0	16.89	16.97	17.00	17.50
	16QAM	1	0	16.86	17.10	16.89	17.50
		1	50	16.96	17.17	17.04	17.50
		1	99	17.01	16.98	16.94	17.50
		50	0	16.93	16.94	16.98	17.50
		50	25	17.07	17.05	16.97	17.50
		50	50	17.03	17.01	17.14	17.50
		100	0	16.97	16.91	16.94	17.50
	64QAM	1	0	17.16	17.07	17.09	17.50
		1	50	17.00	16.88	16.95	17.50
		1	99	16.83	17.00	17.14	17.50
		50	0	17.10	16.92	16.93	17.50
		50	25	17.02	17.09	17.09	17.50
		50	50	16.99	17.04	17.00	17.50
		100	0	17.07	16.95	16.95	17.50

LTE Band 38 Full Power/Receive on/Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	22.24	22.19	22.29	22.50
		1	13	21.98	21.96	22.03	22.50
		1	24	22.11	22.20	22.20	22.50
		12	0	20.92	20.85	20.77	21.50
		12	6	21.09	21.15	21.13	21.50
		12	13	21.05	21.04	21.09	21.50
		25	0	20.83	20.86	20.86	21.50
	16QAM	1	0	21.26	21.17	21.11	21.50
		1	13	20.86	20.96	20.92	21.50
		1	24	20.82	20.89	20.83	21.50
		12	0	20.19	20.18	20.27	20.50
		12	6	20.17	20.17	20.26	20.50
		12	13	19.86	19.76	19.76	20.50
		25	0	20.04	20.09	20.03	20.50
	64QAM	1	0	20.15	20.11	20.19	20.50
		1	13	19.70	19.72	19.66	20.50
		1	24	20.23	20.18	20.21	20.50
		12	0	19.06	19.06	18.98	19.50
		12	6	18.75	18.81	18.73	19.50
		12	13	18.86	18.92	18.86	19.50
		25	0	19.06	19.03	19.00	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 69 of 252

10MHz	QPSK	1	0	22.15	22.11	22.21	22.50
		1	25	22.12	22.04	21.97	22.50
		1	49	22.21	22.13	22.09	22.50
		25	0	20.84	20.94	21.04	21.50
		25	13	21.11	21.12	21.17	21.50
		25	25	21.17	21.12	21.18	21.50
	16QAM	50	0	20.94	20.94	21.00	21.50
		1	0	21.14	21.24	21.20	21.50
		1	25	21.00	20.97	20.98	21.50
		1	49	20.81	20.84	20.90	21.50
		25	0	20.16	20.14	20.23	20.50
		25	13	20.20	20.12	20.15	20.50
	64QAM	25	25	19.72	19.70	19.77	20.50
		50	0	19.98	20.00	19.98	20.50
		1	0	20.14	20.15	20.14	20.50
		1	25	19.83	19.79	19.75	20.50
		1	49	20.17	20.19	20.20	20.50
		25	0	18.95	19.05	19.02	19.50
15MHz	QPSK	25	13	18.91	18.87	18.83	19.50
		25	25	18.95	19.00	19.05	19.50
		50	0	18.97	18.99	18.95	19.50
	16QAM	1	0	21.96	22.01	22.06	22.50
		1	38	21.98	22.07	22.16	22.50
		1	74	21.98	22.06	21.98	22.50
	64QAM	36	0	20.94	20.94	20.92	21.50
		36	18	21.05	21.03	21.00	21.50
		36	39	21.09	21.16	21.08	21.50
		75	0	20.95	21.01	20.96	21.50
	16QAM	1	0	21.15	21.14	21.05	21.50
		1	38	21.05	21.07	21.00	21.50
		1	74	20.92	20.94	21.01	21.50
		36	0	20.06	20.04	19.99	20.50
		36	18	20.03	20.07	19.99	20.50
		36	39	19.77	19.78	19.68	20.50
20MHz	QPSK	75	0	19.98	19.99	19.95	20.50
		1	0	20.10	20.07	20.01	20.50
		1	38	19.90	19.86	19.93	20.50
		1	74	20.08	20.13	20.23	20.50
		36	0	19.11	19.01	19.08	19.50
		36	18	18.82	18.80	18.74	19.50
	16QAM	36	39	19.09	19.05	19.01	19.50
		75	0	19.07	19.03	19.02	19.50
		1	0	/	38000	/	22.50
		1	50	/	22.15	/	22.50
		1	99	/	22.15	/	22.50
		50	0	/	20.89	/	21.50
10MHz	QPSK	50	25	/	21.13	/	21.50
		50	50	/	21.12	/	21.50
		100	0	/	20.96	/	21.50
	16QAM	1	0	/	21.09	/	21.50
		1	50	/	21.07	/	21.50
		1	99	/	20.91	/	21.50
		50	0	/	20.10	/	20.50
		50	25	/	20.03	/	20.50
		50	50	/	19.81	/	20.50
		100	0	/	20.02	/	20.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 70 of 252

	64QAM	1	0	/	19.97	/	20.50
		1	50	/	19.83	/	20.50
		1	99	/	20.07	/	20.50
		50	0	/	19.00	/	19.50
		50	25	/	18.78	/	19.50
		50	50	/	19.02	/	19.50
		100	0	/	19.03	/	19.50

LTE Band 41 2496 - 2690 Full Power/Receive on				Conducted Power(dBm)					Tune up
Bandwidth	Modulation	RB size	RB offset	Channel 39675	Channel 40148	Channel 40620	Channel 41093	Channel 41565	
5MHz	QPSK	1	0	23.56	23.22	23.85	23.69	23.44	24.00
		1	13	23.55	23.7	23.71	23.67	23.76	24.00
		1	24	23.6	23.44	23.6	23.65	23.22	24.00
		12	0	22.6	22.34	22.74	22.6	22.78	23.00
		12	6	22.52	22.79	22.43	22.63	22.58	23.00
		12	13	22.58	22.74	22.6	22.28	22.1	23.00
		25	0	22.52	22.25	22.79	22.68	22.78	23.00
	16QAM	1	0	22.68	22.81	22.61	22.67	22.64	23.00
		1	13	22.45	22.64	22.89	22.43	22.18	23.00
		1	24	22.37	22.12	22.45	22.57	22.88	23.00
		12	0	21.57	21.53	21.56	21.91	21.66	22.00
		12	6	21.36	21.33	21.8	21.63	21.19	22.00
		12	13	21.42	21.21	21.44	21.58	21.56	22.00
		25	0	21.7	21.56	21.46	21.74	21.55	22.00
	64QAM	1	0	21.29	21.40	21.63	21.58	21.12	22.00
		1	13	21.47	21.15	21.25	21.62	21.91	22.00
		1	24	21.74	21.70	21.26	21.83	21.42	22.00
		12	0	20.49	20.52	20.41	20.65	20.27	21.00
		12	6	20.23	20.26	20.49	20.69	20.88	21.00
		12	13	20.78	20.65	20.45	20.86	20.33	21.00
		25	0	20.47	20.49	20.36	20.56	20.19	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 39700	Channel 40160	Channel 40620	Channel 41080	Channel 41540	Tune up
10MHz	QPSK	1	0	23.5	23.31	23.83	23.59	23.46	24.00
		1	25	23.64	23.76	23.78	23.74	23.71	24.00
		1	49	23.63	23.53	23.57	23.58	23.32	24.00
		25	0	22.52	22.28	22.76	22.54	22.72	23.00
		25	13	22.44	22.73	22.49	22.61	22.62	23.00
		25	25	22.55	22.69	22.59	22.29	22.13	23.00
		50	0	22.42	22.21	22.86	22.66	22.75	23.00
	16QAM	1	0	22.7	22.85	22.71	22.72	22.7	23.00
		1	25	22.52	22.59	22.89	22.36	22.11	23.00
		1	49	22.3	22.14	22.54	22.59	22.86	23.00
		25	0	21.65	21.47	21.59	21.96	21.59	22.00
		25	13	21.38	21.43	21.81	21.71	21.19	22.00
		25	25	21.48	21.13	21.45	21.68	21.66	22.00
		50	0	21.65	21.6	21.38	21.72	21.56	22.00
	64QAM	1	0	21.33	21.42	21.63	21.55	21.03	22.00
		1	25	21.54	21.10	21.32	21.63	21.84	22.00
		1	49	21.72	21.66	21.34	21.89	21.35	22.00
		25	0	20.48	20.44	20.45	20.58	20.22	21.00
		25	13	20.23	20.22	20.52	20.61	20.82	21.00
		25	25	20.69	20.73	20.49	20.95	20.28	21.00
		50	0	20.51	20.54	20.43	20.49	20.29	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 39725	Channel 40173	Channel 40620	Channel 41068	Channel 41515	Tune up
15MHz	QPSK	1	0	23.5	23.39	23.8	23.57	23.51	24.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 71 of 252

		1	38	23.62	23.76	23.85	23.66	23.61	24.00
		1	74	23.57	23.57	23.55	23.59	23.28	24.00
		36	0	22.49	22.32	22.77	22.62	22.67	23.00
		36	18	22.5	22.81	22.59	22.68	22.67	23.00
		36	39	22.55	22.64	22.62	22.35	22.21	23.00
		75	0	22.41	22.24	22.9	22.64	22.73	23.00
	16QAM	1	0	22.65	22.75	22.65	22.76	22.65	23.00
		1	38	22.49	22.53	22.85	22.33	22.19	23.00
		1	74	22.33	22.1	22.57	22.69	22.77	23.00
		36	0	21.6	21.57	21.49	21.9	21.63	22.00
		36	18	21.44	21.44	21.82	21.61	21.21	22.00
		36	39	21.39	21.06	21.45	21.69	21.69	22.00
	64QAM	75	0	21.71	21.54	21.32	21.81	21.57	22.00
		1	0	21.42	21.49	21.67	21.55	21.12	22.00
		1	38	21.44	21.10	21.24	21.63	21.75	22.00
		1	74	21.70	21.60	21.41	21.93	21.45	22.00
		36	0	20.46	20.45	20.46	20.61	20.13	21.00
		36	18	20.32	20.19	20.43	20.62	20.74	21.00
		36	39	20.69	20.67	20.45	20.89	20.30	21.00
		75	0	20.41	20.48	20.50	20.58	20.24	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Tune up
	20MHz	QPSK			39750	40185	40620	41055	41490
			1	0	23.4	23.41	23.78	23.63	23.58
			1	50	23.58	23.7	23.8	23.74	23.66
			1	99	23.52	23.66	23.65	23.53	23.33
			50	0	22.44	22.33	22.78	22.57	22.68
			50	25	22.53	22.74	22.57	22.78	22.64
		16QAM	50	50	22.49	22.6	22.72	22.44	22.3
			100	0	22.48	22.26	22.82	22.56	22.75
			1	0	22.58	22.73	22.6	22.81	22.62
			1	50	22.58	22.54	22.77	22.43	22.22
			1	99	22.43	22.19	22.53	22.64	22.84
			50	0	21.58	21.67	21.55	21.88	21.53
		64QAM	50	25	21.48	21.46	21.87	21.53	21.17
			50	50	21.33	21.12	21.37	21.6	21.74
			100	0	21.61	21.62	21.31	21.82	21.53
			1	0	21.47	21.53	21.77	21.57	21.11
			1	50	21.39	21.16	21.32	21.61	21.73
			1	99	21.68	21.55	21.32	21.92	21.43
			50	0	20.42	20.55	20.49	20.57	20.11
			50	25	20.31	20.17	20.35	20.63	20.77
			50	50	20.64	20.63	20.35	20.92	20.38
			100	0	20.37	20.50	20.46	20.53	20.20

LTE Band 41 2496 - 2690 Receive off				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	39675	40148	40620	41093	41565	21.00
		1	13	20.52	20.3	20.94	20.66	20.52	21.00
		1	24	20.63	20.69	20.68	20.65	20.74	21.00
		12	0	20.69	20.42	20.69	20.66	20.23	21.00
		12	6	20.59	20.37	20.82	20.65	20.73	21.00
		12	13	20.53	20.77	20.41	20.6	20.56	21.00
	16QAM	25	0	20.67	20.67	20.56	20.34	20.12	21.00
		1	0	20.58	20.24	20.75	20.73	20.78	21.00
		1	13	20.61	20.8	20.65	20.68	20.57	21.00
		1	24	20.41	20.63	20.91	20.44	20.2	21.00
		12	0	20.41	20.14	20.48	20.66	20.83	21.00
		12	0	20.57	20.52	20.58	20.9	20.66	21.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 72 of 252

		12	6	20.43	20.39	20.73	20.61	20.14	21.00
		12	13	20.36	20.12	20.48	20.49	20.64	21.00
		25	0	20.67	20.47	20.44	20.8	20.63	21.00
	64QAM	1	0	20.26	20.36	20.67	20.67	20.08	21.00
		1	13	20.47	20.09	20.32	20.56	20.91	21.00
		1	24	20.79	20.78	20.35	20.80	20.44	21.00
		12	0	20.58	20.44	20.41	20.74	20.33	21.00
		12	6	20.17	20.33	20.55	20.71	20.97	21.00
		12	13	20.80	20.66	20.52	20.84	20.38	21.00
		25	0	20.51	20.57	20.44	20.55	20.12	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	20.58	20.17	20.8	20.73	20.36	21.00
		1	25	20.53	20.73	20.62	20.6	20.68	21.00
		1	49	20.66	20.5	20.65	20.62	20.31	21.00
		25	0	20.6	20.36	20.83	20.58	20.75	21.00
		25	13	20.53	20.84	20.38	20.57	20.63	21.00
		25	25	20.6	20.71	20.68	20.29	20.04	21.00
	16QAM	50	0	20.6	20.26	20.81	20.62	20.71	21.00
		1	0	20.68	20.79	20.54	20.61	20.59	21.00
		1	25	20.53	20.66	20.93	20.34	20.17	21.00
		1	49	20.4	20.04	20.53	20.51	20.79	21.00
		25	0	20.6	20.5	20.5	20.9	20.71	21.00
		25	13	20.27	20.38	20.72	20.59	20.23	21.00
	64QAM	25	25	20.41	20.21	20.49	20.62	20.51	21.00
		50	0	20.76	20.56	20.54	20.75	20.63	21.00
		1	0	20.37	20.41	20.71	20.61	20.09	21.00
		1	25	20.38	20.19	20.28	20.67	20.83	21.00
		1	49	20.74	20.64	20.32	20.91	20.33	21.00
		25	0	20.39	20.52	20.44	20.65	20.29	21.00
		25	13	20.18	20.20	20.61	20.61	20.90	21.00
		25	25	20.68	20.64	20.51	20.97	20.29	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	20.48	20.24	20.94	20.71	20.35	21.00
		1	38	20.57	20.69	20.77	20.59	20.73	21.00
		1	74	20.54	20.39	20.61	20.74	20.15	21.00
		36	0	20.61	20.27	20.72	20.51	20.79	21.00
		36	18	20.61	20.73	20.45	20.58	20.63	21.00
		36	39	20.65	20.71	20.62	20.19	20.16	21.00
	16QAM	75	0	20.51	20.34	20.88	20.74	20.74	21.00
		1	0	20.67	20.81	20.66	20.75	20.6	21.00
		1	38	20.4	20.66	20.8	20.37	20.23	21.00
		1	74	20.3	20.16	20.45	20.57	20.93	21.00
		36	0	20.48	20.48	20.52	20.95	20.59	21.00
		36	18	20.27	20.42	20.76	20.59	20.23	21.00
	64QAM	36	39	20.37	20.23	20.5	20.59	20.57	21.00
		75	0	20.72	20.62	20.38	20.7	20.57	21.00
		1	0	20.21	20.47	20.64	20.50	20.11	21.00
		1	38	20.50	20.15	20.26	20.64	20.82	21.00
		1	74	20.72	20.69	20.18	20.80	20.49	21.00
		36	0	20.48	20.51	20.48	20.52	20.19	21.00
		36	18	20.34	20.16	20.43	20.55	20.66	21.00
		36	39	20.60	20.72	20.43	20.85	20.30	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	20.85	20.27	20.78	20.72	20.43	21.00
		1	50	20.48	20.61	20.76	20.63	20.77	21.00



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Report No.: SZCR260700337601

Page: 73 of 252

		1	99	20.57	20.52	20.65	20.57	20.24	21.00
		50	0	20.79	20.35	20.66	20.64	20.71	21.00
		50	25	20.52	20.78	20.38	20.57	20.61	21.00
		50	50	20.51	20.79	20.56	20.35	20.13	21.00
		100	0	20.57	20.23	20.82	20.76	20.8	21.00
	16QAM	1	0	20.6	20.76	20.6	20.64	20.67	21.00
		1	50	20.42	20.68	20.91	20.4	20.11	21.00
		1	99	20.41	20.21	20.54	20.57	20.82	21.00
		50	0	20.63	20.51	20.56	20.84	20.67	21.00
		50	25	20.37	20.28	20.85	20.68	20.16	21.00
		50	50	20.41	20.22	20.39	20.59	20.48	21.00
		100	0	20.67	20.57	20.47	20.71	20.59	21.00
	64QAM	1	0	20.38	20.36	20.69	20.57	20.07	21.00
		1	50	20.42	20.13	20.34	20.62	20.83	21.00
		1	99	20.70	20.68	20.28	20.78	20.41	21.00
		50	0	20.40	20.55	20.56	20.48	20.15	21.00
		50	25	20.33	20.13	20.36	20.63	20.74	21.00
		50	50	20.56	20.65	20.40	20.95	20.39	21.00
		100	0	20.39	20.51	20.43	20.50	20.25	21.00



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1.4 Conducted Power of Legacy(Ant5)

LTE Band 42 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41615	42590	43565	
5MHz	QPSK	1	0	23.71	23.71	23.70	24.00
		1	13	23.56	23.86	23.47	24.00
		1	24	23.63	23.90	23.65	24.00
		12	0	22.72	22.76	22.66	23.00
		12	6	22.41	22.62	22.61	23.00
		12	13	22.59	22.70	22.71	23.00
		25	0	22.90	22.76	22.56	23.00
	16QAM	1	0	22.29	22.76	22.50	23.00
		1	13	22.52	22.47	22.86	23.00
		1	24	22.84	22.88	22.59	23.00
		12	0	21.26	21.57	21.33	22.00
		12	6	21.71	21.63	21.94	22.00
		12	13	21.88	21.73	21.60	22.00
		25	0	21.42	21.64	21.38	22.00
	64QAM	1	0	21.87	21.86	21.85	22.00
		1	13	21.76	21.70	21.55	22.00
		1	24	21.31	21.40	21.55	22.00
		12	0	20.94	20.73	20.79	21.00
		12	6	20.91	20.85	20.35	21.00
		12	13	20.42	20.86	20.61	21.00
		25	0	20.78	20.65	20.95	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41640	42590	43540	
10MHz	QPSK	1	0	23.75	23.69	23.68	24.00
		1	25	23.53	23.81	23.56	24.00
		1	49	23.62	23.83	23.69	24.00
		25	0	22.78	22.71	22.62	23.00
		25	13	22.33	22.67	22.59	23.00
		25	25	22.66	22.66	22.66	23.00
		50	0	22.85	22.71	22.62	23.00
	16QAM	1	0	22.36	22.69	22.55	23.00
		1	25	22.58	22.56	22.95	23.00
		1	49	22.79	22.97	22.54	23.00
		25	0	21.36	21.65	21.31	22.00
		25	13	21.68	21.68	21.86	22.00
		25	25	21.93	21.81	21.51	22.00
		50	0	21.38	21.59	21.48	22.00
	64QAM	1	0	21.81	21.87	21.81	22.00
		1	25	21.79	21.75	21.64	22.00
		1	49	21.33	21.46	21.63	22.00
		25	0	20.84	20.70	20.77	21.00
		25	13	20.92	20.89	20.44	21.00
		25	25	20.34	20.85	20.57	21.00
		50	0	20.85	20.67	20.89	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41665	42590	43515	
15MHz	QPSK	1	0	23.66	23.69	23.63	24.00
		1	38	23.62	23.80	23.57	24.00
		1	74	23.70	23.74	23.60	24.00
		36	0	22.79	22.70	22.55	23.00
		36	18	22.40	22.61	22.49	23.00
		36	39	22.64	22.62	22.71	23.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 75 of 252

	16QAM	75	0	22.95	22.72	22.60	23.00
		1	0	22.42	22.60	22.62	23.00
		1	38	22.67	22.65	22.85	23.00
		1	74	22.81	22.90	22.52	23.00
		36	0	21.45	21.66	21.40	22.00
		36	18	21.65	21.68	21.81	22.00
		36	39	21.85	21.88	21.45	22.00
	64QAM	75	0	21.45	21.59	21.52	22.00
		1	0	21.77	21.87	21.79	22.00
		1	38	21.86	21.82	21.54	22.00
		1	74	21.37	21.56	21.62	22.00
		36	0	20.76	20.63	20.79	21.00
		36	18	20.82	20.79	20.50	21.00
		36	39	20.28	20.75	20.54	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41690	42590	43490	
20MHz	QPSK	1	0	23.75	23.79	23.59	24.00
		1	50	23.54	23.72	23.54	24.00
		1	99	23.63	23.74	23.62	24.00
		50	0	22.71	22.73	22.58	23.00
		50	25	22.46	22.65	22.56	23.00
		50	50	22.62	22.71	22.72	23.00
		100	0	22.90	22.82	22.51	23.00
	16QAM	1	0	22.49	22.67	22.54	23.00
		1	50	22.61	22.63	22.80	23.00
		1	99	22.89	22.91	22.56	23.00
		50	0	21.48	21.59	21.44	22.00
		50	25	21.70	21.73	21.82	22.00
		50	50	21.90	21.88	21.54	22.00
		100	0	21.54	21.56	21.44	22.00
	64QAM	1	0	21.76	21.78	21.83	22.00
		1	50	21.90	21.80	21.52	22.00
		1	99	21.46	21.57	21.53	22.00
		50	0	20.83	20.73	20.88	21.00
		50	25	20.85	20.83	20.50	21.00
		50	50	20.38	20.67	20.49	21.00
		100	0	20.85	20.71	20.88	21.00

LTE Band 42 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41615	42590	43565	
5MHz	QPSK	1	0	15.73	15.75	15.73	16.00
		1	13	15.53	15.87	15.41	16.00
		1	24	15.64	15.99	15.61	16.00
		12	0	15.79	15.78	15.71	16.00
		12	6	15.38	15.60	15.52	16.00
		12	13	15.67	15.77	15.67	16.00
		25	0	15.90	15.79	15.65	16.00
	16QAM	1	0	15.30	15.68	15.54	16.00
		1	13	15.57	15.48	15.87	16.00
		1	24	15.83	15.94	15.53	16.00
		12	0	15.33	15.63	15.24	16.00
		12	6	15.72	15.63	15.97	16.00
		12	13	15.92	15.66	15.64	16.00
		25	0	15.47	15.67	15.45	16.00
	64QAM	1	0	15.89	15.89	15.85	16.00
		1	13	15.69	15.68	15.57	16.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 76 of 252

		1	24	15.27	15.42	15.50	16.00
		12	0	15.76	15.75	15.78	16.00
		12	6	15.90	15.78	15.44	16.00
		12	13	15.33	15.91	15.67	16.00
		25	0	15.77	15.65	15.95	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41640	42590	43540	
10MHz	QPSK	1	0	15.70	15.80	15.65	16.00
		1	25	15.58	15.89	15.48	16.00
		1	49	15.65	15.96	15.73	16.00
		25	0	15.79	15.78	15.69	16.00
		25	13	15.46	15.53	15.68	16.00
		25	25	15.52	15.76	15.63	16.00
		50	0	15.90	15.82	15.56	16.00
	16QAM	1	0	15.37	15.77	15.41	16.00
		1	25	15.52	15.44	15.88	16.00
		1	49	15.83	15.79	15.65	16.00
		25	0	15.33	15.55	15.34	16.00
		25	13	15.75	15.58	15.92	16.00
		25	25	15.83	15.81	15.68	16.00
		50	0	15.45	15.62	15.36	16.00
	64QAM	1	0	15.84	15.84	15.82	16.00
		1	25	15.81	15.65	15.53	16.00
		1	49	15.31	15.35	15.59	16.00
		25	0	15.91	15.80	15.71	16.00
		25	13	15.99	15.89	15.43	16.00
		25	25	15.41	15.83	15.58	16.00
		50	0	15.82	15.66	15.97	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41665	42590	43515	
15MHz	QPSK	1	0	15.77	15.76	15.72	16.00
		1	38	15.61	15.80	15.56	16.00
		1	74	15.55	15.89	15.67	16.00
		36	0	15.81	15.82	15.65	16.00
		36	18	15.35	15.59	15.68	16.00
		36	39	15.65	15.61	15.76	16.00
		75	0	15.95	15.77	15.49	16.00
	16QAM	1	0	15.25	15.73	15.48	16.00
		1	38	15.46	15.41	15.81	16.00
		1	74	15.92	15.82	15.63	16.00
		36	0	15.20	15.65	15.28	16.00
		36	18	15.64	15.66	16.01	16.00
		36	39	15.82	15.80	15.63	16.00
		75	0	15.42	15.60	15.42	16.00
	64QAM	1	0	15.94	15.87	15.79	16.00
		1	38	15.75	15.66	15.58	16.00
		1	74	15.28	15.45	15.63	16.00
		36	0	15.69	15.74	15.86	16.00
		36	18	15.98	15.81	15.37	16.00
		36	39	15.33	15.89	15.52	16.00
		75	0	15.71	15.58	15.96	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41690	42590	43490	
20MHz	QPSK	1	0	15.74	15.68	15.77	16.00
		1	50	15.60	15.91	15.52	16.00
		1	99	15.66	15.94	15.68	16.00
		50	0	15.80	15.85	15.74	16.00
		50	25	15.42	15.71	15.67	16.00
		50	50	15.56	15.71	15.65	16.00
		100	0	15.86	15.67	15.63	16.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 77 of 252

	16QAM	1	0	15.29	15.77	15.50	16.00
		1	50	15.54	15.46	15.94	16.00
		1	99	15.81	15.92	15.66	16.00
		50	0	15.32	15.50	15.28	16.00
		50	25	15.76	15.68	15.85	16.00
		50	50	15.90	15.76	15.54	16.00
		100	0	15.35	15.59	15.31	16.00
	64QAM	1	0	15.87	15.86	15.78	16.00
		1	50	15.73	15.63	15.59	16.00
		1	99	15.31	15.48	15.60	16.00
		50	0	15.94	15.73	15.74	16.00
		50	25	15.97	15.81	15.33	16.00
		50	50	15.38	15.83	15.60	16.00
		100	0	15.77	15.65	16.00	16.00



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1.5 Conducted Power of Legacy(Ant8)

LTE Band 42 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	41615	42590	43565	22.50
		1	13	22.06	21.94	22.07	22.50
		1	24	21.76	21.84	21.73	22.50
		1	24	21.98	21.82	21.95	22.50
		12	0	21.04	20.94	20.76	21.50
		12	6	20.79	21.01	20.81	21.50
		12	13	20.87	20.73	20.86	21.50
		25	0	21.00	20.93	20.77	21.50
	16QAM	1	0	20.76	20.69	20.50	21.50
		1	13	20.52	20.73	21.09	21.50
		1	24	21.26	20.95	21.04	21.50
		12	0	19.99	19.97	19.72	20.50
		12	6	19.71	19.52	19.74	20.50
		12	13	19.96	20.19	19.95	20.50
		25	0	19.67	19.97	19.51	20.50
	64QAM	1	0	19.75	19.68	19.92	20.50
		1	13	19.84	20.06	19.65	20.50
		1	24	19.68	19.98	19.72	20.50
		12	0	18.80	18.60	19.01	19.50
		12	6	18.71	19.18	18.83	19.50
		12	13	18.88	19.02	18.40	19.50
		25	0	18.67	18.74	18.95	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	41640	42590	43540	22.50
		1	25	22.15	21.89	22.06	22.50
		1	49	21.69	21.82	21.68	22.50
		25	0	22.01	21.80	21.94	22.50
		25	13	21.01	20.97	20.72	21.50
		25	25	20.77	20.95	20.73	21.50
		50	0	20.90	20.71	20.84	21.50
	16QAM	1	0	20.94	20.98	20.87	21.50
		1	0	20.79	20.78	20.52	21.50
		1	25	20.62	20.81	20.99	21.50
		1	49	21.17	20.86	21.01	21.50
		25	0	19.94	20.07	19.71	20.50
		25	13	19.69	19.60	19.80	20.50
		25	25	19.99	20.12	19.98	20.50
	64QAM	50	0	19.76	19.96	19.54	20.50
		1	0	19.85	19.72	19.83	20.50
		1	25	19.86	19.99	19.70	20.50
		1	49	19.62	20.02	19.65	20.50
		25	0	18.78	18.69	19.02	19.50
		25	13	18.80	19.13	18.90	19.50
		25	25	18.87	19.09	18.47	19.50
15MHz	QPSK	50	0	18.69	18.70	19.01	19.50
		1	0	22.06	21.94	21.97	22.50
		1	38	21.74	21.89	21.59	22.50
		1	74	21.91	21.87	21.85	22.50
		36	0	20.96	20.98	20.82	21.50
		36	18	20.76	20.89	20.81	21.50
		36	39	20.97	20.75	20.79	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 79 of 252

	16QAM	75	0	21.03	20.92	20.94	21.50
		1	0	20.86	20.81	20.62	21.50
		1	38	20.70	20.89	20.98	21.50
		1	74	21.15	20.96	20.91	21.50
		36	0	19.84	19.99	19.66	20.50
		36	18	19.78	19.70	19.88	20.50
		36	39	19.90	20.03	20.01	20.50
	64QAM	75	0	19.80	19.98	19.50	20.50
		1	0	19.80	19.82	19.83	20.50
		1	38	19.81	19.93	19.74	20.50
		1	74	19.70	19.98	19.60	20.50
		36	0	18.72	18.60	18.99	19.50
		36	18	18.85	19.06	18.81	19.50
		36	39	18.90	19.03	18.42	19.50
		75	0	18.70	18.78	19.01	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41690	42590	43490	
20MHz	QPSK	1	0	22.01	22.00	21.94	22.50
		1	50	21.72	21.84	21.64	22.50
		1	99	21.93	21.97	21.95	22.50
		50	0	20.99	20.91	20.90	21.50
		50	25	20.71	20.79	20.71	21.50
		50	50	20.90	20.81	20.86	21.50
		100	0	20.99	21.00	20.84	21.50
	16QAM	1	0	20.76	20.85	20.65	21.50
		1	50	20.80	20.84	20.89	21.50
		1	99	21.07	20.96	20.86	21.50
		50	0	19.79	19.94	19.56	20.50
		50	25	19.72	19.77	19.95	20.50
		50	50	19.97	20.00	19.92	20.50
		100	0	19.71	19.89	19.60	20.50
	64QAM	1	0	19.79	19.74	19.90	20.50
		1	50	19.90	20.02	19.83	20.50
		1	99	19.74	19.96	19.58	20.50
		50	0	18.72	18.64	18.90	19.50
		50	25	18.81	18.98	18.73	19.50
		50	50	18.81	19.00	18.48	19.50
		100	0	18.76	18.70	18.93	19.50

LTE Band 42 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41615	42590	43565	
5MHz	QPSK	1	0	17.11	16.87	17.11	17.50
		1	13	16.81	16.75	16.76	17.50
		1	24	17.07	16.82	17.00	17.50
		12	0	17.01	16.86	16.84	17.50
		12	6	16.86	16.97	16.80	17.50
		12	13	16.79	16.79	16.77	17.50
		25	0	16.95	16.93	16.80	17.50
	16QAM	1	0	16.72	16.69	16.46	17.50
		1	13	16.47	16.67	17.04	17.50
		1	24	17.27	16.95	17.12	17.50
		12	0	16.96	17.03	16.72	17.50
		12	6	16.62	16.56	16.82	17.50
		12	13	16.96	17.23	16.96	17.50
		25	0	16.62	17.06	16.53	17.50
	64QAM	1	0	16.73	16.75	16.98	17.50
		1	13	16.85	17.00	16.56	17.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 80 of 252

		1	24	16.68	16.96	16.66	17.50
		12	0	16.74	16.54	17.06	17.50
		12	6	16.74	17.21	16.79	17.50
		12	13	16.92	16.93	16.42	17.50
		25	0	16.65	16.70	17.02	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41640	42590	43540	
10MHz	QPSK	1	0	17.11	17.00	17.13	17.50
		1	25	16.77	16.77	16.81	17.50
		1	49	17.04	16.76	17.01	17.50
		25	0	16.98	16.97	16.84	17.50
		25	13	16.88	17.08	16.86	17.50
		25	25	16.89	16.81	16.87	17.50
		50	0	17.01	16.87	16.73	17.50
	16QAM	1	0	16.84	16.74	16.59	17.50
		1	25	16.44	16.80	17.14	17.50
		1	49	17.22	17.01	16.95	17.50
		25	0	16.92	16.96	16.81	17.50
		25	13	16.77	16.57	16.71	17.50
		25	25	16.96	17.19	16.91	17.50
		50	0	16.58	16.92	16.44	17.50
	64QAM	1	0	16.77	16.71	16.97	17.50
		1	25	16.82	16.97	16.58	17.50
		1	49	16.77	17.00	16.75	17.50
		25	0	16.81	16.68	16.94	17.50
		25	13	16.68	17.20	16.88	17.50
		25	25	16.86	17.11	16.41	17.50
		50	0	16.70	16.79	17.02	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41665	42590	43515	
15MHz	QPSK	1	0	17.04	17.02	17.00	17.50
		1	38	16.80	16.83	16.81	17.50
		1	74	16.96	16.89	16.98	17.50
		36	0	17.10	16.86	16.82	17.50
		36	18	16.81	17.04	16.75	17.50
		36	39	16.86	16.75	16.80	17.50
		75	0	16.91	16.88	16.71	17.50
	16QAM	1	0	16.78	16.76	16.52	17.50
		1	38	16.57	16.80	17.07	17.50
		1	74	17.34	16.89	17.11	17.50
		36	0	17.01	16.91	16.66	17.50
		36	18	16.71	16.56	16.76	17.50
		36	39	17.01	17.14	16.89	17.50
		75	0	16.72	17.02	16.54	17.50
	64QAM	1	0	16.68	16.74	16.93	17.50
		1	38	16.84	17.11	16.64	17.50
		1	74	16.60	16.92	16.72	17.50
		36	0	16.81	16.58	16.96	17.50
		36	18	16.73	17.23	16.89	17.50
		36	39	16.95	17.00	16.40	17.50
		75	0	16.75	16.70	17.01	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41690	42590	43490	
20MHz	QPSK	1	0	17.05	17.08	17.05	17.50
		1	50	16.76	16.81	16.69	17.50
		1	99	17.05	16.73	17.00	17.50
		50	0	17.00	16.92	16.67	17.50
		50	25	16.73	17.05	16.85	17.50
		50	50	16.85	16.72	16.94	17.50
		100	0	17.02	16.87	16.81	17.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 81 of 252

	16QAM	1	0	16.83	16.77	16.41	17.50
		1	50	16.57	16.70	17.14	17.50
		1	99	17.26	16.99	16.97	17.50
		50	0	16.98	17.06	16.75	17.50
		50	25	16.69	16.46	16.81	17.50
		50	50	17.00	17.23	17.04	17.50
		100	0	16.71	17.04	16.43	17.50
	64QAM	1	0	16.75	16.75	16.97	17.50
		1	50	16.87	17.01	16.65	17.50
		1	99	16.64	16.94	16.75	17.50
		50	0	16.87	16.56	17.10	17.50
		50	25	16.67	17.26	16.84	17.50
		50	50	16.97	17.06	16.49	17.50
		100	0	16.74	16.67	17.00	17.50



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1.6 Conducted Power of Legacy(Ant9)

GSM 1900 Full Power/Receive on// Receive off										
Burst Output Power(dBm)						Division Factors	Frame-Average Output Power(dBm)			
Channel		512	661	810	Tune up		512	661	810	Tune up
GSM(GMSK)	GSM	28.62	28.85	28.71	29.00	-9.19	19.43	19.66	19.52	19.81
GPRS (GMSK)	1 TX Slot	28.58	28.86	28.71	29.00	-9.19	19.39	19.67	19.52	19.81
	2 TX Slots	24.84	24.89	24.79	25.00	-6.18	18.66	18.71	18.61	18.82
	3 TX Slots	22.73	22.59	22.44	23.00	-4.42	18.31	18.17	18.02	18.58
	4 TX Slots	21.25	21.31	21.17	21.50	-3.17	18.08	18.14	18.00	18.33
EGPRS (8PSK)	1 TX Slot	26.19	26.32	26.24	26.50	-9.19	17.00	17.13	17.05	17.31
	2 TX Slots	22.62	22.76	22.85	23.00	-6.18	16.44	16.58	16.67	16.82
	3 TX Slots	20.01	20.15	20.19	20.50	-4.42	15.59	15.73	15.77	16.08
	4 TX Slots	18.31	18.27	18.25	18.50	-3.17	15.14	15.10	15.08	15.33

WCDMA Band II Full Power					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.25	23.39	23.34	24.00
	12.2kbps AMR	23.32	23.37	23.3	24.00
HSUPA	Subtest 1	21.76	21.65	21.67	22.00
	Subtest 2	21.88	21.87	21.85	22.00
	Subtest 3	21.66	21.69	21.66	22.00
	Subtest 4	21.80	21.84	21.83	22.00
	Subtest 5	21.23	21.38	21.40	21.50

WCDMA Band II Receive on					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.95	20.98	20.87	21.50
	12.2kbps AMR	20.83	20.91	20.84	21.50
HSUPA	Subtest 1	19.31	19.11	19.24	19.50
	Subtest 2	19.39	19.40	19.34	19.50
	Subtest 3	19.14	19.19	19.14	19.50
	Subtest 4	19.23	19.35	19.34	19.50
	Subtest 5	18.77	18.83	18.89	19.00

WCDMA Band II Receive off					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	17.82	17.86	17.85	18.50
	12.2kbps AMR	17.74	17.91	17.84	18.50
HSUPA	Subtest 1	16.30	16.23	16.13	16.50
	Subtest 2	16.46	16.38	16.44	16.50
	Subtest 3	16.25	16.18	16.09	16.50
	Subtest 4	16.31	16.32	16.41	16.50
	Subtest 5	15.75	15.97	15.91	16.00

WCDMA Band IV Full Power					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.29	23.26	23.12	23.50
	12.2kbps AMR	23.06	23.23	23.36	23.50
HSUPA	Subtest 1	21.63	21.71	21.76	22.00
	Subtest 2	21.51	21.59	21.73	22.00
	Subtest 3	21.57	21.68	21.77	22.00
	Subtest 4	21.55	21.58	21.61	22.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 83 of 252

	Subtest 5	21.22	21.17	21.11	21.50
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WCDMA Band IV Receive on					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	21.72	21.81	21.75	22.00
	12.2kbps AMR	21.53	21.66	21.76	22.00
HSUPA	Subtest 1	20.05	20.26	20.28	20.50
	Subtest 2	20.08	20.00	20.15	20.50
	Subtest 3	20.14	20.23	20.26	20.50
	Subtest 4	20.09	20.07	20.04	20.50
	Subtest 5	19.75	19.74	19.53	20.00

WCDMA Band IV Receive off					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	17.21	17.26	17.13	17.50
	12.2kbps AMR	17.11	17.15	17.3	17.50
HSUPA	Subtest 1	15.65	15.71	15.72	16.00
	Subtest 2	15.45	15.65	15.77	16.00
	Subtest 3	15.53	15.63	15.80	16.00
	Subtest 4	15.63	15.60	15.65	16.00
	Subtest 5	15.15	15.08	15.15	15.50

LTE Band 2 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	23.39	23.44	23.02	24.00
		1	2	23.23	23.67	23.20	24.00
		1	5	23.43	23.47	23.21	24.00
		3	0	23.47	23.27	23.43	24.00
		3	2	23.26	23.10	23.10	24.00
		3	3	23.19	23.43	23.19	24.00
	16QAM	6	0	22.44	22.24	21.95	23.00
		1	0	22.01	21.92	22.23	23.00
		1	2	22.51	22.47	22.44	23.00
		1	5	22.03	22.37	22.01	23.00
		3	0	22.29	21.72	22.06	23.00
		3	2	22.35	22.39	22.18	23.00
	64QAM	3	3	21.72	21.97	22.07	23.00
		6	0	21.22	20.72	21.06	22.00
		1	0	21.46	21.37	21.10	22.00
		1	2	21.07	21.11	20.73	22.00
		1	5	20.82	20.84	21.20	22.00
		3	0	21.14	21.53	21.19	22.00
3MHz	QPSK	3	2	20.84	21.14	20.75	22.00
		3	3	20.65	20.63	20.95	22.00
		6	0	20.44	20.23	20.22	21.00
		1	0	23.43	23.37	23.10	24.00
		1	7	23.16	23.68	23.12	24.00
		1	14	23.36	23.39	23.29	24.00
		8	0	22.40	22.30	22.40	23.00
		8	4	22.29	22.12	22.06	23.00
		8	7	22.27	22.36	22.26	23.00
		15	0	22.38	22.14	22.02	23.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 84 of 252

	16QAM	1	0	22.10	21.91	22.20	23.00
		1	7	22.46	22.37	22.39	23.00
		1	14	21.97	22.32	21.93	23.00
		8	0	21.32	20.80	21.09	22.00
		8	4	21.29	21.43	21.21	22.00
		8	7	20.82	21.02	21.03	22.00
		15	0	21.17	20.69	20.99	22.00
	64QAM	1	0	21.48	21.27	21.08	22.00
		1	7	21.01	21.02	20.75	22.00
		1	14	20.83	20.76	21.15	22.00
		8	0	20.14	20.45	20.27	21.00
		8	4	19.74	20.10	19.78	21.00
		8	7	19.68	19.65	20.03	21.00
		15	0	20.51	20.30	20.28	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	23.44	23.43	23.12	24.00
		1	13	23.23	23.65	23.20	24.00
		1	24	23.46	23.41	23.31	24.00
		12	0	22.36	22.33	22.40	23.00
		12	6	22.31	22.11	22.02	23.00
		12	13	22.26	22.41	22.20	23.00
		25	0	22.33	22.16	22.04	23.00
	16QAM	1	0	22.10	21.86	22.24	23.00
		1	13	22.41	22.40	22.35	23.00
		1	24	22.04	22.34	21.97	23.00
		12	0	21.33	20.74	21.15	22.00
		12	6	21.23	21.39	21.26	22.00
		12	13	20.81	21.12	20.94	22.00
		25	0	21.21	20.77	21.07	22.00
	64QAM	1	0	21.43	21.37	21.05	22.00
		1	13	20.94	20.96	20.84	22.00
		1	24	20.85	20.67	21.18	22.00
		12	0	20.12	20.43	20.27	21.00
		12	6	19.76	20.02	19.68	21.00
		12	13	19.70	19.66	20.12	21.00
		25	0	20.45	20.28	20.35	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 18650	Channel 18900	Channel 19150	Tune up
10MHz	QPSK	1	0	23.41	23.44	23.19	24.00
		1	25	23.21	23.56	23.18	24.00
		1	49	23.46	23.37	23.21	24.00
		25	0	22.36	22.42	22.50	23.00
		25	13	22.28	22.05	22.01	23.00
		25	25	22.19	22.50	22.24	23.00
		50	0	22.25	22.21	22.08	23.00
	16QAM	1	0	22.15	21.95	22.18	23.00
		1	25	22.43	22.42	22.40	23.00
		1	49	22.12	22.33	21.91	23.00
		25	0	21.42	20.81	21.07	22.00
		25	13	21.20	21.48	21.25	22.00
		25	25	20.86	21.21	20.85	22.00
		50	0	21.21	20.84	21.03	22.00
	64QAM	1	0	21.42	21.31	21.13	22.00
		1	25	20.85	20.91	20.77	22.00
		1	49	20.88	20.73	21.21	22.00
		25	0	20.07	20.43	20.19	21.00
		25	13	19.85	19.95	19.73	21.00
		25	25	19.79	19.65	20.05	21.00
		50	0	20.35	20.22	20.25	21.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 85 of 252

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	23.36	23.47	23.26	24.00
		1	38	23.29	23.47	23.25	24.00
		1	74	23.45	23.41	23.21	24.00
		36	0	22.34	22.49	22.41	23.00
		36	18	22.22	22.14	21.97	23.00
		36	39	22.28	22.49	22.17	23.00
		75	0	22.29	22.27	22.13	23.00
	16QAM	1	0	22.21	21.95	22.13	23.00
		1	38	22.38	22.33	22.31	23.00
		1	74	22.17	22.24	21.94	23.00
		36	0	21.38	20.89	21.15	22.00
		36	18	21.30	21.42	21.19	22.00
		36	39	20.83	21.20	20.78	22.00
		75	0	21.16	20.77	21.08	22.00
	64QAM	1	0	21.52	21.37	21.20	22.00
		1	38	20.82	20.91	20.78	22.00
		1	74	20.96	20.81	21.11	22.00
		36	0	20.12	20.42	20.18	21.00
		36	18	19.86	19.89	19.70	21.00
		36	39	19.81	19.71	20.08	21.00
		75	0	20.31	20.28	20.15	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	23.44	23.48	23.32	24.00
		1	50	23.37	23.37	23.26	24.00
		1	99	23.38	23.39	23.29	24.00
		50	0	22.39	22.46	22.32	23.00
		50	25	22.15	22.18	22.02	23.00
		50	50	22.35	22.44	22.15	23.00
		100	0	22.29	22.24	22.06	23.00
	16QAM	1	0	22.24	22.02	22.12	23.00
		1	50	22.39	22.36	22.25	23.00
		1	99	22.09	22.27	22.02	23.00
		50	0	21.29	20.95	21.11	22.00
		50	25	21.34	21.35	21.13	22.00
		50	50	20.83	21.20	20.75	22.00
		100	0	21.23	20.83	21.01	22.00
	64QAM	1	0	21.42	21.38	21.14	22.00
		1	50	20.91	20.95	20.82	22.00
		1	99	20.95	20.72	21.08	22.00
		50	0	20.18	20.46	20.24	21.00
		50	25	19.90	19.89	19.60	21.00
		50	50	19.86	19.61	20.11	21.00
		100	0	20.28	20.31	20.16	21.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 86 of 252

LTE Band 2 Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 18607	Channel 18900	Channel 19193	Tune up
1.4MHz	QPSK	1	0	22.36	22.35	21.94	23.00
		1	2	22.27	22.61	22.21	23.00
		1	5	22.44	22.50	22.20	23.00
		3	0	22.38	22.28	22.43	23.00
		3	2	22.29	22.04	22.05	23.00
		3	3	22.25	22.43	22.23	23.00
		6	0	22.52	22.23	22.03	23.00
	16QAM	1	0	21.92	21.97	22.18	23.00
		1	2	22.49	22.46	22.36	23.00
		1	5	22.07	22.43	22.02	23.00
		3	0	22.25	21.66	22.01	23.00
		3	2	22.31	22.42	22.11	23.00
		3	3	21.65	21.88	22.15	23.00
		6	0	21.28	20.66	21.13	22.00
	64QAM	1	0	21.49	21.35	21.04	22.00
		1	2	21.01	21.10	20.65	22.00
		1	5	20.83	20.81	21.16	22.00
		3	0	21.09	21.46	21.13	22.00
		3	2	20.89	21.16	20.77	22.00
		3	3	20.60	20.69	20.99	22.00
		6	0	20.53	20.14	20.13	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 18615	Channel 18900	Channel 19185	Tune up
3MHz	QPSK	1	0	22.41	22.32	22.19	23.00
		1	7	22.08	22.71	22.11	23.00
		1	14	22.38	22.39	22.37	23.00
		8	0	22.32	22.32	22.34	23.00
		8	4	22.24	22.06	22.01	23.00
		8	7	22.25	22.36	22.30	23.00
		15	0	22.42	22.23	22.02	23.00
	16QAM	1	0	22.19	21.83	22.18	23.00
		1	7	22.53	22.34	22.30	23.00
		1	14	21.96	22.35	22.02	23.00
		8	0	21.33	20.73	21.15	22.00
		8	4	21.24	21.43	21.20	22.00
		8	7	20.83	21.05	20.94	22.00
		15	0	21.12	20.63	20.94	22.00
	64QAM	1	0	21.42	21.34	21.16	22.00
		1	7	21.01	21.06	20.75	22.00
		1	14	20.80	20.72	21.23	22.00
		8	0	20.05	20.44	20.25	21.00
		8	4	19.70	20.05	19.85	21.00
		8	7	19.76	19.74	20.01	21.00
		15	0	20.54	20.35	20.21	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 18625	Channel 18900	Channel 19175	Tune up
5MHz	QPSK	1	0	22.37	22.47	22.17	23.00
		1	13	22.29	22.70	22.22	23.00
		1	24	22.54	22.40	22.38	23.00
		12	0	22.30	22.29	22.49	23.00
		12	6	22.22	22.02	22.01	23.00
		12	13	22.30	22.42	22.15	23.00
		25	0	22.40	22.10	21.99	23.00
	16QAM	1	0	22.04	21.89	22.24	23.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 87 of 252

		1	13	22.39	22.46	22.41	23.00	
		1	24	22.06	22.40	21.94	23.00	
		12	0	21.42	20.68	21.15	22.00	
		12	6	21.14	21.37	21.22	22.00	
		12	13	20.90	21.07	20.99	22.00	
		25	0	21.30	20.85	21.04	22.00	
		1	0	21.41	21.35	20.99	22.00	
		1	13	20.86	20.97	20.75	22.00	
		1	24	20.86	20.60	21.27	22.00	
		12	0	20.03	20.40	20.29	21.00	
	12	6	19.68	19.93	19.77	21.00		
	12	13	19.73	19.64	20.14	21.00		
	25	0	20.53	20.36	20.29	21.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18650	18900	19150		
10MHz	QPSK	1	0	22.45	22.46	22.27	23.00	
		1	25	22.17	22.50	22.14	23.00	
		1	49	22.39	22.29	22.23	23.00	
		25	0	22.27	22.45	22.59	23.00	
		25	13	22.32	22.01	22.10	23.00	
		25	25	22.25	22.57	22.28	23.00	
	16QAM	50	0	22.20	22.24	22.10	23.00	
		1	0	22.11	21.90	22.26	23.00	
		1	25	22.51	22.45	22.41	23.00	
		1	49	22.07	22.38	21.82	23.00	
		25	0	21.33	20.77	21.00	22.00	
		25	13	21.11	21.39	21.30	22.00	
	64QAM	25	25	20.94	21.14	20.92	22.00	
		50	0	21.27	20.87	21.10	22.00	
		1	0	21.38	21.23	21.08	22.00	
		1	25	20.84	21.00	20.83	22.00	
		1	49	20.79	20.64	21.26	22.00	
		25	0	20.09	20.45	20.26	21.00	
		25	13	19.88	19.87	19.76	21.00	
		25	25	19.85	19.71	20.10	21.00	
		50	0	20.30	20.19	20.28	21.00	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					18675	18900	19125	
15MHz		QPSK	1	0	22.27	22.50	22.32	23.00
	1		38	22.30	22.46	22.26	23.00	
	1		74	22.40	22.34	22.14	23.00	
	36		0	22.43	22.56	22.33	23.00	
	36		18	22.21	22.07	21.89	23.00	
	36		39	22.28	22.52	22.19	23.00	
	16QAM	75	0	22.27	22.21	22.07	23.00	
		1	0	22.15	21.98	22.13	23.00	
		1	38	22.41	22.30	22.29	23.00	
		1	74	22.08	22.28	21.91	23.00	
		36	0	21.34	20.89	21.19	22.00	
		36	18	21.29	21.34	21.25	22.00	
	64QAM	36	39	20.76	21.27	20.71	22.00	
		75	0	21.15	20.82	21.13	22.00	
		1	0	21.44	21.46	21.22	22.00	
		1	38	20.91	20.85	20.83	22.00	
		1	74	20.99	20.73	21.07	22.00	
		36	0	20.15	20.43	20.15	21.00	
		36	18	19.79	19.89	19.66	21.00	
		36	39	19.87	19.69	20.02	21.00	
		75	0	20.40	20.25	20.16	21.00	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 88 of 252

				18700	18900	19100	
20MHz	QPSK	1	0	22.46	22.49	22.28	23.00
		1	50	22.46	22.38	22.25	23.00
		1	99	22.43	22.45	22.20	23.00
		50	0	22.42	22.44	22.38	23.00
		50	25	22.17	22.16	21.99	23.00
		50	50	22.38	22.40	22.07	23.00
	16QAM	100	0	22.30	22.19	22.01	23.00
		1	0	22.18	21.97	22.13	23.00
		1	50	22.47	22.39	22.31	23.00
		1	99	22.04	22.20	22.00	23.00
		50	0	21.34	21.02	21.07	22.00
		50	25	21.43	21.30	21.09	22.00
	64QAM	50	50	20.92	21.20	20.78	22.00
		100	0	21.24	20.88	21.09	22.00
		1	0	21.46	21.34	21.20	22.00
		1	50	20.88	20.91	20.86	22.00
		1	99	20.98	20.79	21.08	22.00
		50	0	20.12	20.44	20.23	21.00
		50	25	19.84	19.91	19.61	21.00
		50	50	19.92	19.65	20.14	21.00
		100	0	20.25	20.37	20.10	21.00

LTE Band 2 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	18.40	18.39	17.94	19.00
		1	2	18.28	18.66	18.22	19.00
		1	5	18.39	18.38	18.18	19.00
		3	0	18.51	18.27	18.51	19.00
		3	2	18.26	18.02	18.05	19.00
		3	3	18.23	18.39	18.11	19.00
	16QAM	6	0	18.35	18.21	17.90	19.00
		1	0	17.92	17.92	18.25	19.00
		1	2	18.54	18.38	18.46	19.00
		1	5	18.10	18.34	18.08	19.00
		3	0	18.24	17.74	18.09	19.00
		3	2	18.27	18.36	18.22	19.00
	64QAM	3	3	17.77	17.99	18.16	19.00
		6	0	18.23	17.63	18.10	19.00
		1	0	18.52	18.35	18.06	19.00
		1	2	18.07	18.14	17.74	19.00
		1	5	17.82	17.91	18.29	19.00
		3	0	18.15	18.60	18.19	19.00
		3	2	17.76	18.22	17.79	19.00
		3	3	17.66	17.63	17.99	19.00
		6	0	18.53	18.32	18.13	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
3MHz	QPSK	1	0	18.33	18.39	17.97	19.00
		1	7	18.30	18.63	18.26	19.00
		1	14	18.37	18.38	18.20	19.00
		8	0	18.54	18.36	18.50	19.00
		8	4	18.32	18.15	18.06	19.00
		8	7	18.15	18.51	18.18	19.00
		15	0	18.42	18.16	17.90	19.00
	16QAM	1	0	18.08	17.83	18.25	19.00
		1	7	18.46	18.38	18.44	19.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 89 of 252

		1	14	18.05	18.28	18.07	19.00
		8	0	18.31	17.70	18.02	19.00
		8	4	18.39	18.39	18.18	19.00
		8	7	17.80	17.99	18.08	19.00
		15	0	18.16	17.81	18.08	19.00
	64QAM	1	0	18.43	18.42	18.18	19.00
		1	7	18.13	18.19	17.74	19.00
		1	14	17.78	17.93	18.15	19.00
		8	0	18.15	18.49	18.14	19.00
		8	4	17.88	18.15	17.68	19.00
		8	7	17.70	17.54	17.87	19.00
			15	0	18.40	18.31	18.28
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	18.30	18.53	18.00	19.00
		1	13	18.31	18.70	18.22	19.00
		1	24	18.37	18.43	18.15	19.00
		12	0	18.54	18.18	18.35	19.00
		12	6	18.27	18.10	18.19	19.00
		12	13	18.25	18.34	18.20	19.00
	16QAM	25	0	18.45	18.16	17.90	19.00
		1	0	17.93	17.93	18.17	19.00
		1	13	18.58	18.55	18.40	19.00
		1	24	18.05	18.34	18.04	19.00
		12	0	18.34	17.73	18.06	19.00
		12	6	18.26	18.45	18.18	19.00
		12	13	17.70	17.95	18.16	19.00
		25	0	18.23	17.78	18.11	19.00
	64QAM	1	0	18.40	18.29	18.09	19.00
		1	13	18.03	18.13	17.70	19.00
		1	24	17.79	17.88	18.17	19.00
		12	0	18.19	18.45	18.25	19.00
		12	6	17.86	18.18	17.68	19.00
		12	13	17.69	17.68	17.92	19.00
		25	0	18.37	18.23	18.31	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	18.46	18.52	18.00	19.00
		1	25	18.19	18.69	18.19	19.00
		1	49	18.34	18.55	18.14	19.00
		25	0	18.46	18.18	18.38	19.00
		25	13	18.32	18.08	18.06	19.00
		25	25	18.25	18.38	18.17	19.00
	16QAM	50	0	18.45	18.32	17.89	19.00
		1	0	18.00	18.00	18.24	19.00
		1	25	18.53	18.49	18.38	19.00
		1	49	17.94	18.45	18.03	19.00
		25	0	18.30	17.81	18.07	19.00
		25	13	18.38	18.39	18.14	19.00
	64QAM	25	25	17.67	18.00	18.04	19.00
		50	0	18.13	17.67	18.08	19.00
		1	0	18.47	18.39	18.19	19.00
		1	25	17.99	18.08	17.69	19.00
		1	49	17.87	17.89	18.15	19.00
		25	0	18.13	18.45	18.28	19.00
	25	13	17.87	18.06	17.81	19.00	
	25	25	17.56	17.65	17.94	19.00	
	50	0	18.39	18.31	18.24	19.00	
	50	0	18.39	18.31	18.24	19.00	
	50	0	18.39	18.31	18.24	19.00	
	50	0	18.39	18.31	18.24	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	

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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 90 of 252

15MHz	QPSK	1	0	18.48	18.42	18.00	19.00
		1	38	18.17	18.59	18.17	19.00
		1	74	18.34	18.55	18.29	19.00
		36	0	18.52	18.18	18.44	19.00
		36	18	18.32	18.19	18.09	19.00
		36	39	18.14	18.34	18.21	19.00
		75	0	18.48	18.27	17.86	19.00
	16QAM	1	0	17.99	17.87	18.25	19.00
		1	38	18.45	18.40	18.40	19.00
		1	74	18.05	18.45	17.97	19.00
		36	0	18.25	17.63	18.09	19.00
		36	18	18.39	18.39	18.10	19.00
		36	39	17.70	18.04	18.13	19.00
		75	0	18.18	17.77	18.14	19.00
	64QAM	1	0	18.47	18.37	18.14	19.00
		1	38	18.09	18.08	17.67	19.00
		1	74	17.74	17.76	18.27	19.00
		36	0	18.09	18.45	18.13	19.00
		36	18	17.76	18.06	17.73	19.00
		36	39	17.64	17.66	17.87	19.00
		75	0	18.53	18.14	18.21	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	18.43	18.43	18.03	19.00
		1	50	18.32	18.58	18.14	19.00
		1	99	18.35	18.50	18.27	19.00
		50	0	18.43	18.27	18.37	19.00
		50	25	18.35	18.18	18.17	19.00
		50	50	18.27	18.40	18.13	19.00
		100	0	18.51	18.23	17.94	19.00
	16QAM	1	0	18.06	17.83	18.28	19.00
		1	50	18.56	18.54	18.46	19.00
		1	99	17.98	18.31	17.96	19.00
		50	0	18.34	17.79	17.97	19.00
		50	25	18.40	18.44	18.18	19.00
		50	50	17.76	18.06	18.11	19.00
		100	0	18.25	17.74	18.08	19.00
	64QAM	1	0	18.51	18.34	18.15	19.00
		1	50	18.13	18.20	17.81	19.00
		1	99	17.76	17.91	18.21	19.00
		50	0	18.23	18.54	18.20	19.00
		50	25	17.92	18.17	17.74	19.00
		50	50	17.56	17.69	17.90	19.00
		100	0	18.39	18.29	18.17	19.00

LTE Band 4 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.29	23.31	23.37	23.50
		1	2	22.85	22.86	22.91	23.50
		1	5	22.99	22.96	22.99	23.50
		3	0	23.33	23.23	23.31	23.50
		3	2	22.74	22.68	22.61	23.50
		3	3	23.34	23.26	23.32	23.50
		6	0	21.89	21.91	21.81	22.50
	16QAM	1	0	21.51	21.57	21.48	22.50
		1	2	22.07	22.12	22.07	22.50
		1	5	22.11	22.20	22.20	22.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 91 of 252

		3	0	21.63	21.67	21.58	22.50
		3	2	22.22	22.19	22.20	22.50
		3	3	21.66	21.70	21.63	22.50
		6	0	20.42	20.44	20.52	21.50
	64QAM	1	0	21.36	21.41	21.35	21.50
		1	2	21.14	21.18	21.27	21.50
		1	5	20.56	20.51	20.41	21.50
		3	0	21.14	21.20	21.21	21.50
		3	2	20.90	20.80	20.84	21.50
		3	3	20.76	20.72	20.73	21.50
		6	0	20.25	20.21	20.18	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	23.37	23.27	23.20	23.50
		1	7	22.96	22.86	22.81	23.50
		1	14	22.99	23.02	23.00	23.50
		8	0	22.31	22.27	22.22	22.50
		8	4	21.51	21.61	21.67	22.50
		8	7	22.30	22.28	22.29	22.50
		15	0	21.96	21.97	21.94	22.50
	16QAM	1	0	21.52	21.50	21.41	22.50
		1	7	22.11	22.18	22.26	22.50
		1	14	22.15	22.10	22.10	22.50
		8	0	20.74	20.69	20.79	21.50
		8	4	21.32	21.23	21.18	21.50
		8	7	20.74	20.76	20.86	21.50
		15	0	20.48	20.53	20.62	21.50
	64QAM	1	0	21.44	21.42	21.47	21.50
		1	7	21.24	21.20	21.11	21.50
		1	14	20.57	20.57	20.59	21.50
		8	0	20.24	20.19	20.16	20.50
		8	4	19.87	19.83	19.76	20.50
		8	7	19.70	19.67	19.70	20.50
		15	0	20.10	20.20	20.21	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	23.23	23.26	23.25	23.50
		1	13	22.92	22.82	22.88	23.50
		1	24	23.19	23.12	23.19	23.50
		12	0	22.08	22.17	22.13	22.50
		12	6	21.60	21.68	21.60	22.50
		12	13	22.21	22.20	22.28	22.50
		25	0	21.93	21.99	21.94	22.50
	16QAM	1	0	21.61	21.60	21.54	22.50
		1	13	22.28	22.25	22.34	22.50
		1	24	22.14	22.05	22.12	22.50
		12	0	20.83	20.79	20.71	21.50
		12	6	21.28	21.21	21.31	21.50
		12	13	20.78	20.86	20.89	21.50
		25	0	20.67	20.58	20.56	21.50
	64QAM	1	0	21.43	21.33	21.40	21.50
		1	13	21.15	21.10	21.11	21.50
		1	24	20.52	20.54	20.53	21.50
		12	0	20.15	20.21	20.31	20.50
		12	6	19.87	19.88	19.86	20.50
		12	13	19.62	19.64	19.54	20.50
		25	0	20.18	20.16	20.20	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	23.24	23.17	23.07	23.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 92 of 252

		1	25	22.95	22.89	22.94	23.50
		1	49	23.13	23.17	23.24	23.50
		25	0	22.18	22.24	22.14	22.50
		25	13	21.70	21.73	21.64	22.50
		25	25	22.20	22.11	22.09	22.50
		50	0	22.07	21.99	21.91	22.50
	16QAM	1	0	21.65	21.58	21.56	22.50
		1	25	22.31	22.29	22.28	22.50
		1	49	21.94	22.01	22.04	22.50
		25	0	20.77	20.71	20.73	21.50
		25	13	21.18	21.12	21.08	21.50
		25	25	20.77	20.85	20.82	21.50
	64QAM	50	0	20.53	20.50	20.54	21.50
		1	0	21.31	21.25	21.20	21.50
		1	25	21.10	21.01	21.08	21.50
		1	49	20.65	20.55	20.57	21.50
		25	0	20.19	20.16	20.10	20.50
		25	13	19.88	19.89	19.95	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					20025	20175	20325
15MHz	QPSK						Tune up
	16QAM						
	64QAM						
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					/	20175	/
20MHz	QPSK						
	16QAM						
	64QAM						



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 93 of 252

		1	50	/	21.00	/	21.50
		1	99	/	20.47	/	21.50
		50	0	/	20.13	/	20.50
		50	25	/	19.90	/	20.50
		50	50	/	19.51	/	20.50
		100	0	/	20.15	/	20.50

LTE Band 4 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 19957	Channel 20175	Channel 20393	Tune up
1.4MHz	QPSK	1	0	17.34	17.26	17.40	17.50
		1	2	16.94	16.90	16.90	17.50
		1	5	16.95	16.98	17.05	17.50
		3	0	17.30	17.20	17.40	17.50
		3	2	16.82	16.63	16.58	17.50
		3	3	17.39	17.20	17.34	17.50
	16QAM	6	0	16.80	17.00	16.72	17.50
		1	0	16.42	16.54	16.47	17.50
		1	2	17.13	17.21	17.12	17.50
		1	5	17.10	17.18	17.26	17.50
		3	0	16.56	16.58	16.52	17.50
		3	2	17.24	17.10	17.24	17.50
	64QAM	3	3	16.66	16.78	16.60	17.50
		6	0	16.46	16.49	16.53	17.50
		1	0	17.29	17.45	17.36	17.50
		1	2	17.22	17.09	17.25	17.50
		1	5	16.58	16.50	16.43	17.50
		3	0	17.07	17.21	17.24	17.50
3MHz	QPSK	3	2	16.90	16.79	16.79	17.50
		3	3	16.84	16.76	16.71	17.50
		6	0	17.20	17.23	17.16	17.50
	16QAM	1	0	17.33	17.28	17.37	17.50
		1	7	16.76	16.77	16.97	17.50
		1	14	17.05	16.92	16.96	17.50
	64QAM	8	0	17.31	17.17	17.26	17.50
		8	4	16.72	16.68	16.64	17.50
		8	7	17.38	17.23	17.41	17.50
	16QAM	15	0	16.92	16.86	16.78	17.50
		1	0	16.55	16.49	16.54	17.50
		1	7	17.04	17.03	17.01	17.50
		1	14	17.14	17.23	17.14	17.50
	64QAM	8	0	16.70	16.61	16.58	17.50
		8	4	17.21	17.18	17.23	17.50
5MHz	QPSK	8	7	16.66	16.62	16.56	17.50
		15	0	16.37	16.39	16.50	17.50
	16QAM	1	0	17.28	17.41	17.34	17.50
		1	7	17.10	17.26	17.20	17.50
		1	14	16.49	16.54	16.38	17.50
	64QAM	8	0	17.12	17.15	17.26	17.50
		8	4	16.83	16.86	16.81	17.50
	16QAM	8	7	16.75	16.81	16.65	17.50
		15	0	17.26	17.13	17.09	17.50
	64QAM	1	0	17.27	17.25	17.34	17.50
		1	13	16.81	16.90	16.83	17.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 94 of 252

		1	24	16.91	16.90	17.05	17.50
		12	0	17.40	17.20	17.25	17.50
		12	6	16.82	16.67	16.68	17.50
		12	13	17.34	17.22	17.32	17.50
		25	0	16.90	16.97	16.81	17.50
	16QAM	1	0	16.50	16.61	16.39	17.50
		1	13	17.02	17.05	16.98	17.50
		1	24	17.16	17.11	17.17	17.50
		12	0	16.55	16.60	16.50	17.50
		12	6	17.19	17.14	17.13	17.50
	64QAM	12	13	16.59	16.78	16.55	17.50
		25	0	16.43	16.49	16.51	17.50
		1	0	17.27	17.34	17.39	17.50
		1	13	17.19	17.22	17.34	17.50
		1	24	16.50	16.42	16.42	17.50
		12	0	17.22	17.21	17.22	17.50
		12	6	16.96	16.71	16.93	17.50
		12	13	16.84	16.77	16.81	17.50
		25	0	17.17	17.26	17.16	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					20000	20175	20350
10MHz		QPSK	1	0	17.30	17.24	17.36
			1	25	16.79	16.79	16.85
			1	49	16.92	16.93	17.07
			25	0	17.24	17.19	17.37
			25	13	16.77	16.72	16.55
		16QAM	25	25	17.26	17.22	17.29
			50	0	16.82	16.97	16.79
			1	0	16.47	16.49	16.49
			1	25	17.03	17.09	17.07
			1	49	17.17	17.23	17.27
		64QAM	25	0	16.62	16.62	16.54
			25	13	17.29	17.18	17.12
			25	25	16.66	16.65	16.61
			50	0	16.39	16.36	16.54
			1	0	17.38	17.41	17.41
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					20025	20175	20325
15MHz		QPSK	1	0	17.22	17.34	17.37
			1	38	16.88	16.91	16.99
			1	74	17.04	16.87	17.05
			36	0	17.35	17.30	17.25
			36	18	16.65	16.73	16.52
		16QAM	36	39	17.37	17.31	17.29
			75	0	16.89	16.96	16.77
			1	0	16.55	16.66	16.56
			1	38	17.08	17.11	17.09
			1	74	17.04	17.26	17.12
		64QAM	36	0	16.54	16.62	16.66
			36	18	17.26	17.28	17.28
			36	39	16.70	16.69	16.66
			75	0	16.40	16.47	16.56
			1	0	17.27	17.46	17.41
			1	38	17.06	17.26	17.23



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 95 of 252

		1	74	16.48	16.45	16.45	17.50
		36	0	17.14	17.26	17.22	17.50
		36	18	16.90	16.78	16.76	17.50
		36	39	16.74	16.69	16.82	17.50
		75	0	16.39	16.26	16.24	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	17.23	/	17.50
		1	50	/	16.90	/	17.50
		1	99	/	16.99	/	17.50
		50	0	/	17.19	/	17.50
		50	25	/	16.66	/	17.50
		50	50	/	17.35	/	17.50
		100	0	/	16.89	/	17.50
	16QAM	1	0	/	16.60	/	17.50
		1	50	/	17.15	/	17.50
		1	99	/	17.11	/	17.50
		50	0	/	16.72	/	17.50
		50	25	/	17.21	/	17.50
		50	50	/	16.61	/	17.50
		100	0	/	16.47	/	17.50
	64QAM	1	0	/	17.44	/	17.50
		1	50	/	17.12	/	17.50
		1	99	/	16.60	/	17.50
		50	0	/	17.12	/	17.50
		50	25	/	16.73	/	17.50
		50	50	/	16.64	/	17.50
		100	0	/	16.75	/	17.50

LTE Band 7 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.32	23.56	23.45	24.00
		1	13	23.59	23.60	23.59	24.00
		1	24	23.26	23.39	23.38	24.00
		12	0	22.49	22.54	22.46	23.00
		12	6	22.51	22.66	22.54	23.00
		12	13	22.40	22.60	22.32	23.00
		25	0	22.47	22.37	22.45	23.00
	16QAM	1	0	22.41	22.34	22.68	23.00
		1	13	22.38	22.54	22.34	23.00
		1	24	22.57	22.41	22.62	23.00
		12	0	21.36	21.58	21.53	22.00
		12	6	21.53	21.56	21.31	22.00
		12	13	21.42	21.27	21.27	22.00
		25	0	21.43	21.59	21.60	22.00
	64QAM	1	0	21.59	21.24	21.18	22.00
		1	13	21.39	21.31	21.25	22.00
		1	24	21.54	21.63	21.64	22.00
		12	0	20.22	20.55	20.21	21.00
		12	6	20.46	20.59	20.49	21.00
		12	13	20.45	20.59	20.33	21.00
		25	0	20.27	20.36	20.20	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	23.34	23.54	23.38	24.00
		1	25	23.59	23.60	23.52	24.00
		1	49	23.35	23.43	23.31	24.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 96 of 252

		25	0	22.43	22.57	22.48	23.00
		25	13	22.57	22.68	22.61	23.00
		25	25	22.43	22.51	22.23	23.00
		50	0	22.40	22.33	22.54	23.00
	16QAM	1	0	22.46	22.34	22.72	23.00
		1	25	22.36	22.53	22.30	23.00
		1	49	22.48	22.46	22.56	23.00
		25	0	21.43	21.63	21.59	22.00
		25	13	21.48	21.51	21.21	22.00
		25	25	21.39	21.36	21.23	22.00
		50	0	21.44	21.55	21.61	22.00
	64QAM	1	0	21.56	21.19	21.26	22.00
		1	25	21.33	21.32	21.30	22.00
		1	49	21.45	21.73	21.59	22.00
		25	0	20.26	20.48	20.22	21.00
		25	13	20.36	20.50	20.44	21.00
		25	25	20.46	20.61	20.42	21.00
		50	0	20.20	20.36	20.20	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					20825	21100	21375
15MHz	QPSK		1	0	23.30	23.54	23.33
			1	38	23.61	23.51	23.61
			1	74	23.33	23.42	23.33
			36	0	22.34	22.48	22.45
			36	18	22.49	22.58	22.51
			36	39	22.35	22.42	22.32
			75	0	22.34	22.33	22.50
	16QAM		1	0	22.40	22.44	22.62
			1	38	22.38	22.52	22.22
			1	74	22.40	22.50	22.51
			36	0	21.38	21.71	21.62
			36	18	21.38	21.47	21.20
			36	39	21.49	21.45	21.27
			75	0	21.51	21.57	21.58
	64QAM		1	0	21.47	21.29	21.26
			1	38	21.40	21.39	21.34
			1	74	21.46	21.67	21.55
			36	0	20.32	20.44	20.25
			36	18	20.32	20.40	20.39
			36	39	20.49	20.62	20.50
			75	0	20.24	20.33	20.25
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					20850	21100	21350
20MHz	QPSK		1	0	23.32	23.46	23.42
			1	50	23.59	23.55	23.57
			1	99	23.33	23.40	23.43
			50	0	22.58	22.38	22.37
			50	25	22.45	22.57	22.51
			50	50	22.28	22.36	22.36
			100	0	22.29	22.37	22.42
	16QAM		1	0	22.36	22.54	22.60
			1	50	22.28	22.44	22.29
			1	99	22.33	22.41	22.42
			50	0	21.45	21.64	21.57
			50	25	21.37	21.43	21.27
			50	50	21.39	21.51	21.36
			100	0	21.41	21.63	21.57
	64QAM		1	0	21.39	21.37	21.24
			1	50	21.34	21.43	21.41
			1	99	21.48	21.57	21.63



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 97 of 252

		50	0	20.36	20.40	20.20	21.00
		50	25	20.38	20.36	20.48	21.00
		50	50	20.41	20.56	20.57	21.00
		100	0	20.34	20.42	20.29	21.00

LTE Band 7 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 20775	Channel 21100	Channel 21425	Tune up
5MHz	QPSK	1	0	15.39	15.65	15.42	16.00
		1	13	15.61	15.51	15.62	16.00
		1	24	15.32	15.36	15.40	16.00
		12	0	15.44	15.57	15.51	16.00
		12	6	15.59	15.58	15.56	16.00
		12	13	15.43	15.63	15.29	16.00
	16QAM	25	0	15.39	15.31	15.50	16.00
		1	0	15.43	15.39	15.77	16.00
		1	13	15.45	15.49	15.33	16.00
		1	24	15.64	15.39	15.71	16.00
		12	0	15.45	15.64	15.50	16.00
		12	6	15.56	15.53	15.23	16.00
	64QAM	12	13	15.43	15.18	15.29	16.00
		25	0	15.50	15.54	15.59	16.00
		1	0	15.65	15.17	15.13	16.00
		1	13	15.42	15.38	15.16	16.00
		1	24	15.49	15.64	15.68	16.00
		12	0	15.30	15.57	15.16	16.00
		12	6	15.48	15.56	15.45	16.00
		12	13	15.44	15.63	15.36	16.00
		25	0	15.21	15.45	15.20	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 20800	Channel 21100	Channel 21400	Tune up
10MHz	QPSK	1	0	15.31	15.57	15.46	16.00
		1	25	15.59	15.68	15.64	16.00
		1	49	15.25	15.32	15.47	16.00
		25	0	15.55	15.46	15.39	16.00
		25	13	15.50	15.74	15.55	16.00
		25	25	15.32	15.56	15.26	16.00
	16QAM	50	0	15.45	15.35	15.38	16.00
		1	0	15.44	15.30	15.68	16.00
		1	25	15.38	15.60	15.26	16.00
		1	49	15.48	15.40	15.53	16.00
		25	0	15.34	15.62	15.61	16.00
		25	13	15.58	15.50	15.25	16.00
	64QAM	25	25	15.44	15.34	15.30	16.00
		50	0	15.38	15.53	15.57	16.00
		1	0	15.67	15.21	15.09	16.00
		1	25	15.48	15.30	15.16	16.00
		1	49	15.59	15.57	15.71	16.00
		25	0	15.27	15.49	15.20	16.00
		25	13	15.38	15.63	15.49	16.00
		25	25	15.52	15.61	15.24	16.00
		50	0	15.24	15.43	15.12	16.00
Bandwidth	Modulation	RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up
15MHz	QPSK	1	0	15.33	15.52	15.38	16.00
		1	38	15.65	15.63	15.66	16.00
		1	74	15.24	15.38	15.46	16.00
		36	0	15.50	15.48	15.53	16.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 98 of 252

	16QAM	36	18	15.49	15.65	15.46	16.00
		36	39	15.31	15.58	15.35	16.00
		75	0	15.46	15.31	15.39	16.00
		1	0	15.44	15.25	15.71	16.00
		1	38	15.29	15.52	15.34	16.00
		1	74	15.66	15.46	15.68	16.00
		36	0	15.35	15.51	15.44	16.00
		36	18	15.49	15.58	15.24	16.00
	64QAM	36	39	15.40	15.27	15.30	16.00
		75	0	15.40	15.52	15.62	16.00
		1	0	15.57	15.20	15.14	16.00
		1	38	15.44	15.27	15.21	16.00
		1	74	15.50	15.67	15.68	16.00
		36	0	15.13	15.60	15.18	16.00
		36	18	15.46	15.52	15.56	16.00
		36	39	15.43	15.56	15.29	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	15.26	15.65	15.50	16.00
		1	50	15.67	15.67	15.52	16.00
		1	99	15.28	15.43	15.29	16.00
		50	0	15.52	15.63	15.51	16.00
		50	25	15.48	15.72	15.58	16.00
		50	50	15.37	15.67	15.23	16.00
	16QAM	100	0	15.56	15.43	15.52	16.00
		1	0	15.41	15.34	15.76	16.00
		1	50	15.30	15.53	15.41	16.00
		1	99	15.53	15.49	15.64	16.00
		50	0	15.33	15.67	15.45	16.00
		50	25	15.50	15.51	15.40	16.00
	64QAM	50	50	15.49	15.24	15.19	16.00
		100	0	15.49	15.63	15.53	16.00
		1	0	15.59	15.29	15.15	16.00
		1	50	15.39	15.33	15.29	16.00
		1	99	15.50	15.72	15.56	16.00
		50	0	15.16	15.47	15.13	16.00
		50	25	15.38	15.51	15.57	16.00
		50	50	15.53	15.67	15.25	16.00
		100	0	15.36	15.32	15.15	16.00

LTE Band 25 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	23.58	23.64	23.30	24.00
		1	2	23.48	23.27	23.16	24.00
		1	5	23.36	23.45	23.39	24.00
		3	0	23.41	23.21	23.25	24.00
		3	2	23.48	23.41	23.16	24.00
		3	3	23.03	23.29	23.23	24.00
	16QAM	6	0	22.56	22.14	22.08	23.00
		1	0	22.45	22.24	22.01	23.00
		1	2	22.00	22.08	22.20	23.00
		1	5	22.43	22.43	22.46	23.00
		3	0	22.53	22.15	22.24	23.00
		3	2	22.10	21.95	22.37	23.00
		3	3	22.46	22.19	22.08	23.00
		6	0	21.31	21.50	21.12	22.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 99 of 252

		1	0	21.12	21.03	21.44	22.00
		1	2	21.20	21.08	21.18	22.00
		1	5	21.55	21.39	20.97	22.00
		3	0	21.13	21.33	21.63	22.00
		3	2	21.30	21.41	21.19	22.00
		3	3	21.61	21.23	20.93	22.00
		6	0	19.99	20.02	20.47	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 26055	Channel 26365	Channel 26675	Tune up
3MHz	QPSK	1	0	23.48	23.61	23.39	24.00
		1	7	23.48	23.32	23.11	24.00
		1	14	23.35	23.39	23.46	24.00
		8	0	22.34	22.30	22.23	23.00
		8	4	22.44	22.33	22.23	23.00
		8	7	21.99	22.38	22.31	23.00
		15	0	22.58	22.20	22.08	23.00
	16QAM	1	0	22.42	22.25	21.91	23.00
		1	7	22.08	22.15	22.30	23.00
		1	14	22.43	22.40	22.41	23.00
		8	0	21.44	21.24	21.15	22.00
		8	4	21.04	21.00	21.38	22.00
		8	7	21.44	21.25	21.07	22.00
		15	0	21.39	21.41	21.03	22.00
	64QAM	1	0	21.07	21.13	21.52	22.00
		1	7	21.28	21.16	21.20	22.00
		1	14	21.58	21.36	20.99	22.00
		8	0	20.22	20.26	20.56	21.00
		8	4	20.35	20.34	20.27	21.00
		8	7	20.62	20.19	19.87	21.00
		15	0	19.90	20.00	20.39	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 26065	Channel 26365	Channel 26665	Tune up
5MHz	QPSK	1	0	23.45	23.53	23.45	24.00
		1	13	23.42	23.25	23.07	24.00
		1	24	23.28	23.32	23.39	24.00
		12	0	22.32	22.33	22.26	23.00
		12	6	22.45	22.36	22.21	23.00
		12	13	22.02	22.28	22.27	23.00
		25	0	22.50	22.21	22.15	23.00
	16QAM	1	0	22.38	22.27	22.00	23.00
		1	13	22.17	22.11	22.20	23.00
		1	24	22.50	22.40	22.33	23.00
		12	0	21.37	21.18	21.17	22.00
		12	6	20.96	20.94	21.33	22.00
		12	13	21.49	21.26	21.16	22.00
		25	0	21.45	21.33	21.11	22.00
	64QAM	1	0	21.04	21.23	21.51	22.00
		1	13	21.26	21.24	21.26	22.00
		1	24	21.59	21.32	21.04	22.00
		12	0	20.13	20.22	20.49	21.00
		12	6	20.36	20.30	20.20	21.00
		12	13	20.69	20.26	19.92	21.00
		25	0	19.95	19.91	20.43	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 26090	Channel 26365	Channel 26640	Tune up
10MHz	QPSK	1	0	23.35	23.43	23.45	24.00
		1	25	23.43	23.33	23.15	24.00
		1	49	23.34	23.35	23.40	24.00
		25	0	22.36	22.28	22.34	23.00
		25	13	22.48	22.35	22.20	23.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 100 of 252

	16QAM	25	25	22.11	22.25	22.26	23.00
		50	0	22.60	22.25	22.21	23.00
		1	0	22.42	22.26	22.04	23.00
		1	25	22.13	22.12	22.30	23.00
		1	49	22.41	22.39	22.35	23.00
		25	0	21.47	21.25	21.19	22.00
		25	13	20.97	21.03	21.41	22.00
		25	25	21.50	21.26	21.25	22.00
		50	0	21.55	21.25	21.09	22.00
	64QAM	1	0	21.03	21.28	21.54	22.00
		1	25	21.30	21.21	21.25	22.00
		1	49	21.67	21.24	21.00	22.00
		25	0	20.09	20.13	20.43	21.00
		25	13	20.39	20.37	20.23	21.00
		25	25	20.71	20.29	19.90	21.00
		50	0	20.01	19.97	20.51	21.00
		50	0	20.01	19.97	20.51	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	23.42	23.34	23.43	24.00
		1	38	23.44	23.43	23.22	24.00
		1	74	23.24	23.39	23.37	24.00
		36	0	22.34	22.27	22.40	23.00
		36	18	22.57	22.29	22.27	23.00
		36	39	22.09	22.18	22.36	23.00
		75	0	22.51	22.19	22.26	23.00
		75	0	22.51	22.19	22.26	23.00
	16QAM	1	0	22.36	22.33	22.14	23.00
		1	38	22.13	22.22	22.34	23.00
		1	74	22.50	22.30	22.32	23.00
		36	0	21.45	21.31	21.19	22.00
		36	18	21.00	21.13	21.36	22.00
		36	39	21.56	21.28	21.24	22.00
		75	0	21.54	21.24	21.09	22.00
		75	0	21.54	21.24	21.09	22.00
	64QAM	1	0	20.93	21.21	21.55	22.00
		1	38	21.37	21.24	21.34	22.00
		1	74	21.58	21.14	20.96	22.00
		36	0	20.08	20.12	20.34	21.00
		36	18	20.41	20.29	20.17	21.00
		36	39	20.64	20.26	19.97	21.00
		75	0	20.04	19.88	20.46	21.00
		75	0	20.04	19.88	20.46	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	23.36	23.39	23.38	24.00
		1	50	23.49	23.58	23.26	24.00
		1	99	23.19	23.32	23.28	24.00
		50	0	22.43	22.29	22.38	23.00
		50	25	22.48	22.52	22.31	23.00
		50	50	22.09	22.28	22.34	23.00
		100	0	22.46	22.26	22.35	23.00
		100	0	22.46	22.26	22.35	23.00
	16QAM	1	0	22.45	22.27	22.22	23.00
		1	50	22.11	22.22	22.28	23.00
		1	99	22.44	22.24	22.32	23.00
		50	0	21.50	21.21	21.13	22.00
		50	25	21.08	21.15	21.38	22.00
		50	50	21.50	21.28	21.25	22.00
		100	0	21.54	21.19	21.05	22.00
		100	0	21.54	21.19	21.05	22.00
	64QAM	1	0	21.02	21.12	21.46	22.00
		1	50	21.43	21.21	21.28	22.00
		1	99	21.63	21.09	21.01	22.00
		50	0	20.09	20.04	20.36	21.00
		50	25	20.46	20.22	20.24	21.00
		50	25	20.46	20.22	20.24	21.00
		50	25	20.46	20.22	20.24	21.00
		50	25	20.46	20.22	20.24	21.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 101 of 252

		50	50	20.57	20.19	20.01	21.00
		100	0	20.02	19.97	20.37	21.00

LTE Band 25Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	26047	26365	26683	23.00
		1	2	22.54	22.65	22.22	23.00
		1	5	22.53	22.22	22.16	23.00
		3	0	22.37	22.42	22.31	23.00
		3	2	22.48	22.30	22.18	23.00
		3	3	22.43	22.42	22.24	23.00
	16QAM	3	0	22.04	22.34	22.31	23.00
		6	0	22.57	22.18	22.15	23.00
		1	0	22.51	22.17	21.95	23.00
		1	2	22.06	22.17	22.16	23.00
		1	5	22.37	22.40	22.52	23.00
		3	0	22.51	22.14	22.23	23.00
	64QAM	3	2	22.09	22.04	22.38	23.00
		3	3	22.53	22.25	22.15	23.00
		6	0	21.33	21.41	21.21	22.00
		1	0	21.11	21.03	21.52	22.00
		1	2	21.24	21.02	21.14	22.00
		1	5	21.54	21.39	21.00	22.00
		3	0	21.09	21.28	21.56	22.00
		3	2	21.30	21.41	21.18	22.00
		3	3	21.67	21.30	20.91	22.00
		6	0	20.05	20.04	20.38	21.00
		1	0	22.53	22.62	22.47	23.00
		1	7	22.47	22.37	22.11	23.00
		1	14	22.37	22.44	22.47	23.00
		8	0	22.30	22.35	22.26	23.00
		8	4	22.43	22.27	22.19	23.00
		8	7	22.05	22.40	22.37	23.00
		15	0	22.66	22.18	22.03	23.00
3MHz	QPSK	1	0	22.38	22.19	21.93	23.00
		1	7	22.08	22.22	22.36	23.00
		1	14	22.41	22.43	22.39	23.00
		8	0	21.49	21.17	21.15	22.00
		8	4	20.99	21.07	21.46	22.00
		8	7	21.43	21.20	21.04	22.00
	16QAM	15	0	21.38	21.34	21.01	22.00
		1	0	20.98	21.04	21.52	22.00
		1	7	21.35	21.12	21.16	22.00
		1	14	21.49	21.45	20.96	22.00
		8	0	20.27	20.22	20.64	21.00
		8	4	20.41	20.41	20.34	21.00
	64QAM	8	7	20.69	20.10	19.89	21.00
		15	0	19.84	20.06	20.44	21.00
		1	0	22.37	22.50	22.42	23.00
		1	13	22.35	22.20	22.03	23.00
		1	24	22.20	22.32	22.32	23.00
		12	0	22.29	22.36	22.35	23.00
5MHz	QPSK	12	6	22.36	22.43	22.28	23.00
		12	13	22.10	22.21	22.33	23.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 102 of 252

	16QAM	25	0	22.53	22.14	22.21	23.00
		1	0	22.30	22.25	22.08	23.00
		1	13	22.15	22.16	22.12	23.00
		1	24	22.49	22.33	22.41	23.00
		12	0	21.34	21.22	21.20	22.00
		12	6	20.94	20.86	21.42	22.00
		12	13	21.44	21.21	21.19	22.00
	64QAM	25	0	21.52	21.34	21.03	22.00
		1	0	20.98	21.17	21.52	22.00
		1	13	21.20	21.18	21.34	22.00
		1	24	21.58	21.25	21.07	22.00
		12	0	20.09	20.13	20.50	21.00
		12	6	20.29	20.23	20.18	21.00
		12	13	20.77	20.34	19.98	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26090	26365	26640	
10MHz	QPSK	1	0	22.28	22.40	22.52	23.00
		1	25	22.45	22.34	22.20	23.00
		1	49	22.40	22.30	22.47	23.00
		25	0	22.43	22.36	22.25	23.00
		25	13	22.51	22.34	22.24	23.00
		25	25	22.02	22.23	22.19	23.00
		50	0	22.64	22.23	22.26	23.00
	16QAM	1	0	22.37	22.29	22.05	23.00
		1	25	22.22	22.03	22.36	23.00
		1	49	22.44	22.38	22.29	23.00
		25	0	21.48	21.25	21.22	22.00
		25	13	20.92	21.05	21.35	22.00
		25	25	21.57	21.22	21.33	22.00
		50	0	21.63	21.21	21.12	22.00
	64QAM	1	0	21.01	21.27	21.57	22.00
		1	25	21.32	21.17	21.16	22.00
		1	49	21.70	21.30	21.08	22.00
		25	0	20.16	20.09	20.51	21.00
		25	13	20.30	20.29	20.21	21.00
		25	25	20.76	20.22	19.97	21.00
		50	0	19.99	19.92	20.42	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	22.47	22.40	22.49	23.00
		1	38	22.45	22.45	22.20	23.00
		1	74	22.32	22.45	22.29	23.00
		36	0	22.41	22.25	22.32	23.00
		36	18	22.60	22.25	22.19	23.00
		36	39	22.07	22.22	22.42	23.00
		75	0	22.44	22.26	22.18	23.00
	16QAM	1	0	22.29	22.42	22.06	23.00
		1	38	22.11	22.21	22.36	23.00
		1	74	22.43	22.31	22.26	23.00
		36	0	21.52	21.33	21.12	22.00
		36	18	20.97	21.18	21.45	22.00
		36	39	21.56	21.37	21.27	22.00
		75	0	21.62	21.30	21.16	22.00
	64QAM	1	0	20.98	21.15	21.59	22.00
		1	38	21.36	21.31	21.38	22.00
		1	74	21.57	21.15	20.98	22.00
		36	0	20.14	20.06	20.40	21.00
		36	18	20.34	20.25	20.10	21.00
		36	39	20.66	20.28	20.01	21.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 103 of 252

Bandwidth	Modulation	75	0	20.09	19.86	20.54	21.00
		RB size	RB offset	Channel 26140	Channel 26365	Channel 26590	Tune up
20MHz	QPSK	1	0	22.33	22.39	22.29	23.00
		1	50	22.51	22.52	22.41	23.00
		1	99	22.20	22.35	22.21	23.00
		50	0	22.47	22.24	22.44	23.00
		50	25	22.55	22.55	22.33	23.00
		50	50	22.18	22.29	22.26	23.00
		100	0	22.54	22.28	22.32	23.00
	16QAM	1	0	22.40	22.30	22.13	23.00
		1	50	22.03	22.14	22.28	23.00
		1	99	22.45	22.26	22.37	23.00
		50	0	21.49	21.29	21.16	22.00
		50	25	21.02	21.24	21.31	22.00
		50	50	21.42	21.26	21.32	22.00
		100	0	21.45	21.19	21.02	22.00
	64QAM	1	0	20.93	21.06	21.43	22.00
		1	50	21.35	21.16	21.20	22.00
		1	99	21.65	21.01	21.10	22.00
		50	0	20.09	20.06	20.44	21.00
		50	25	20.50	20.17	20.17	21.00
		50	50	20.56	20.19	20.00	21.00
		100	0	20.02	20.04	20.44	21.00

LTE Band 25 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	19.52	19.55	19.23	20.00
		1	2	19.46	19.21	19.12	20.00
		1	5	19.41	19.48	19.35	20.00
		3	0	19.41	19.25	19.32	20.00
		3	2	19.51	19.34	19.21	20.00
		3	3	18.98	19.31	19.25	20.00
		6	0	19.57	19.09	19.04	20.00
	16QAM	1	0	19.54	19.22	18.98	20.00
		1	2	19.06	19.16	19.11	20.00
		1	5	19.47	19.49	19.37	20.00
		3	0	19.62	19.20	19.20	20.00
		3	2	19.06	18.94	19.36	20.00
		3	3	19.40	19.18	19.10	20.00
		6	0	19.24	19.52	19.15	20.00
	64QAM	1	0	19.15	18.98	19.39	20.00
		1	2	19.14	19.04	19.23	20.00
		1	5	19.56	19.36	18.89	20.00
		3	0	19.04	19.42	19.57	20.00
		3	2	19.35	19.36	19.27	20.00
		3	3	19.63	19.22	18.93	20.00
		6	0	19.05	18.99	19.45	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26365	26675	
3MHz	QPSK	1	0	19.63	19.71	19.34	20.00
		1	7	19.53	19.31	19.23	20.00
		1	14	19.30	19.39	19.36	20.00
		8	0	19.33	19.28	19.33	20.00
		8	4	19.39	19.40	19.19	20.00
		8	7	19.11	19.25	19.28	20.00
		15	0	19.65	19.08	19.13	20.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 104 of 252

	16QAM	1	0	19.49	19.15	19.06	20.00
		1	7	18.95	19.13	19.24	20.00
		1	14	19.48	19.46	19.53	20.00
		8	0	19.48	19.24	19.22	20.00
		8	4	19.18	19.03	19.30	20.00
		8	7	19.49	19.25	19.05	20.00
		15	0	19.37	19.43	19.09	20.00
	64QAM	1	0	19.17	19.08	19.48	20.00
		1	7	19.21	19.04	19.22	20.00
		1	14	19.56	19.30	18.96	20.00
		8	0	19.09	19.28	19.69	20.00
		8	4	19.31	19.38	19.15	20.00
		8	7	19.57	19.21	18.88	20.00
		15	0	19.05	19.08	19.44	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 26065	Channel 26365	Channel 26665	Tune up
5MHz	QPSK	1	0	19.56	19.63	19.31	20.00
		1	13	19.50	19.29	19.12	20.00
		1	24	19.28	19.37	19.38	20.00
		12	0	19.43	19.16	19.34	20.00
		12	6	19.42	19.44	19.19	20.00
		12	13	18.94	19.21	19.30	20.00
		25	0	19.56	19.23	19.05	20.00
	16QAM	1	0	19.36	19.24	19.05	20.00
		1	13	19.09	19.01	19.24	20.00
		1	24	19.34	19.36	19.52	20.00
		12	0	19.47	19.13	19.16	20.00
		12	6	19.13	18.91	19.42	20.00
		12	13	19.42	19.14	19.17	20.00
		25	0	19.29	19.44	19.06	20.00
	64QAM	1	0	19.09	19.06	19.53	20.00
		1	13	19.12	19.00	19.19	20.00
		1	24	19.60	19.35	19.06	20.00
		12	0	19.22	19.24	19.71	20.00
		12	6	19.28	19.42	19.27	20.00
		12	13	19.66	19.25	18.90	20.00
		25	0	19.07	19.06	19.49	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 26090	Channel 26365	Channel 26640	Tune up
10MHz	QPSK	1	0	19.54	19.67	19.38	20.00
		1	25	19.57	19.36	19.16	20.00
		1	49	19.41	19.40	19.48	20.00
		25	0	19.49	19.29	19.29	20.00
		25	13	19.43	19.43	19.22	20.00
		25	25	18.97	19.38	19.18	20.00
		50	0	19.55	19.18	19.09	20.00
	16QAM	1	0	19.39	19.30	18.92	20.00
		1	25	19.08	19.01	19.22	20.00
		1	49	19.45	19.38	19.49	20.00
		25	0	19.44	19.13	19.16	20.00
		25	13	19.01	18.86	19.37	20.00
		25	25	19.53	19.13	19.08	20.00
		50	0	19.36	19.41	19.16	20.00
	64QAM	1	0	19.03	19.11	19.38	20.00
		1	25	19.22	19.03	19.27	20.00
		1	49	19.56	19.33	18.90	20.00
		25	0	19.19	19.30	19.67	20.00
		25	13	19.39	19.35	19.11	20.00
		25	25	19.62	19.15	18.87	20.00
		50	0	19.01	19.02	19.54	20.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 105 of 252

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	19.55	19.57	19.31	20.00
		1	38	19.54	19.31	19.18	20.00
		1	74	19.42	19.43	19.38	20.00
		36	0	19.44	19.29	19.34	20.00
		36	18	19.41	19.32	19.14	20.00
		36	39	19.10	19.34	19.18	20.00
		75	0	19.60	19.10	19.12	20.00
	16QAM	1	0	19.36	19.19	18.95	20.00
		1	38	19.07	19.07	19.20	20.00
		1	74	19.48	19.46	19.41	20.00
		36	0	19.57	19.17	19.32	20.00
		36	18	19.01	18.91	19.28	20.00
		36	39	19.46	19.18	19.04	20.00
		75	0	19.28	19.56	19.03	20.00
	64QAM	1	0	19.13	19.11	19.42	20.00
		1	38	19.22	19.08	19.15	20.00
		1	74	19.63	19.39	18.93	20.00
		36	0	19.17	19.34	19.54	20.00
		36	18	19.34	19.39	19.23	20.00
		36	39	19.69	19.19	19.00	20.00
		75	0	18.98	19.03	19.38	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	19.56	19.57	19.34	20.00
		1	50	19.53	19.18	19.13	20.00
		1	99	19.39	19.38	19.45	20.00
		50	0	19.34	19.29	19.31	20.00
		50	25	19.45	19.51	19.17	20.00
		50	50	19.12	19.38	19.30	20.00
		100	0	19.54	19.13	19.15	20.00
	16QAM	1	0	19.51	19.15	18.99	20.00
		1	50	18.92	19.08	19.25	20.00
		1	99	19.52	19.43	19.43	20.00
		50	0	19.50	19.15	19.30	20.00
		50	25	19.16	18.93	19.43	20.00
		50	50	19.44	19.18	19.06	20.00
		100	0	19.36	19.41	19.11	20.00
	64QAM	1	0	19.07	19.06	19.47	20.00
		1	50	19.17	19.05	19.27	20.00
		1	99	19.57	19.34	19.01	20.00
		50	0	19.07	19.24	19.60	20.00
		50	25	19.36	19.40	19.27	20.00
		50	50	19.57	19.14	18.86	20.00
		100	0	19.08	19.00	19.48	20.00

LTE Band 66 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.12	23.06	23.27	23.50
		1	2	23.12	22.90	23.02	23.50
		1	5	23.06	22.99	22.84	23.50
		3	0	23.15	23.07	23.08	23.50
		3	1	23.21	23.27	23.04	23.50
		3	3	22.90	22.85	22.92	23.50
		6	0	22.19	22.29	22.07	22.50
	16QAM	1	0	21.93	22.14	22.22	22.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 106 of 252

		1	2	22.10	21.64	21.88	22.50
		1	5	21.84	22.09	22.30	22.50
		3	0	22.00	22.14	22.42	22.50
		3	1	21.99	21.62	21.89	22.50
		3	3	22.04	22.21	22.17	22.50
		6	0	20.96	21.36	21.33	21.50
	64QAM	1	0	21.17	20.94	20.67	21.50
		1	2	20.96	21.27	21.38	21.50
		1	5	21.03	21.38	21.47	21.50
		3	0	20.92	20.74	20.95	21.50
		3	1	20.99	21.38	21.33	21.50
		3	3	21.38	21.39	20.96	21.50
		6	0	20.03	19.90	20.07	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.07	22.99	23.18	23.50
		1	7	23.09	22.99	23.02	23.50
		1	14	22.97	22.98	22.75	23.50
		8	0	22.19	22.17	22.07	22.50
		8	4	22.18	22.23	22.01	22.50
		8	7	21.82	21.86	21.86	22.50
		15	0	22.10	22.22	22.13	22.50
	16QAM	1	0	22.01	22.21	22.19	22.50
		1	7	22.03	21.67	21.86	22.50
		1	14	21.84	22.00	22.36	22.50
		8	0	21.04	21.23	21.45	21.50
		8	4	21.02	20.60	20.90	21.50
		8	7	20.94	21.27	21.13	21.50
		15	0	21.05	21.34	21.27	21.50
	64QAM	1	0	21.14	20.85	20.75	21.50
		1	7	20.95	21.21	21.33	21.50
		1	14	21.06	21.40	21.42	21.50
		8	0	19.98	19.82	19.91	20.50
		8	4	19.99	20.41	20.36	20.50
		8	7	20.28	20.34	19.99	20.50
		15	0	19.95	19.86	20.03	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.12	22.92	23.16	23.50
		1	13	23.06	23.07	23.10	23.50
		1	24	22.99	22.97	22.68	23.50
		12	0	22.11	22.26	21.99	22.50
		12	6	22.08	22.25	22.07	22.50
		12	13	21.87	21.95	21.90	22.50
		25	0	22.04	22.28	22.08	22.50
	16QAM	1	0	21.99	22.13	22.12	22.50
		1	13	22.10	21.76	21.90	22.50
		1	24	21.91	22.10	22.31	22.50
		12	0	21.12	21.17	21.39	21.50
		12	6	20.98	20.68	20.93	21.50
		12	13	20.85	21.18	21.14	21.50
		25	0	20.99	21.32	21.31	21.50
	64QAM	1	0	21.04	20.84	20.66	21.50
		1	13	20.89	21.28	21.27	21.50
		1	24	21.12	21.34	21.33	21.50
		12	0	20.00	19.77	19.96	20.50
		12	6	19.96	20.34	20.44	20.50
		12	13	20.34	20.32	20.06	20.50
		25	0	19.90	19.89	20.09	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 107 of 252

				132022	132322	132622	
10MHz	QPSK	1	0	23.13	22.90	23.08	23.50
		1	25	23.10	23.01	23.07	23.50
		1	49	23.01	22.97	22.77	23.50
		25	0	22.11	22.28	21.93	22.50
		25	13	22.06	22.15	22.10	22.50
		25	25	21.89	21.87	21.97	22.50
		50	0	22.13	22.22	22.09	22.50
	16QAM	1	0	21.96	22.14	22.19	22.50
		1	25	22.11	21.73	21.84	22.50
		1	49	21.93	22.07	22.21	22.50
		25	0	21.09	21.20	21.36	21.50
		25	13	21.06	20.76	20.96	21.50
		25	25	20.91	21.23	21.04	21.50
		50	0	21.04	21.37	21.22	21.50
	64QAM	1	0	21.05	20.75	20.71	21.50
		1	25	20.89	21.24	21.19	21.50
		1	49	21.09	21.43	21.35	21.50
		25	0	19.94	19.87	20.00	20.50
		25	13	19.96	20.35	20.40	20.50
		25	25	20.24	20.29	20.12	20.50
		50	0	19.94	19.86	20.05	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 132047	Channel 132322	Channel 132597	Tune up
15MHz	QPSK	1	0	23.14	23.00	23.08	23.50
		1	38	23.04	23.01	23.07	23.50
		1	74	22.91	23.02	22.86	23.50
		36	0	22.03	22.19	21.90	22.50
		36	18	22.01	22.17	22.01	22.50
		36	39	21.95	21.96	21.91	22.50
		75	0	22.06	22.23	22.04	22.50
	16QAM	1	0	21.98	22.10	22.28	22.50
		1	38	22.10	21.74	21.92	22.50
		1	74	22.01	22.09	22.24	22.50
		36	0	20.99	21.28	21.29	21.50
		36	18	21.12	20.75	20.91	21.50
		36	39	20.89	21.23	21.13	21.50
		75	0	21.11	21.37	21.20	21.50
	64QAM	1	0	20.99	20.81	20.76	21.50
		1	38	20.85	21.21	21.16	21.50
		1	74	21.03	21.35	21.35	21.50
		36	0	19.86	19.91	19.90	20.50
		36	18	19.89	20.32	20.34	20.50
		36	39	20.15	20.33	20.14	20.50
		75	0	19.91	19.78	19.95	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	23.14	23.07	22.98	23.50
		1	50	22.99	23.15	23.07	23.50
		1	99	22.99	23.00	22.91	23.50
		50	0	22.07	22.16	21.99	22.50
		50	25	22.03	22.15	21.95	22.50
		50	50	22.00	21.93	21.99	22.50
		100	0	22.04	22.15	22.07	22.50
	16QAM	1	0	22.00	22.19	22.21	22.50
		1	50	22.08	21.84	21.89	22.50
		1	99	21.96	22.12	22.14	22.50
		50	0	21.05	21.23	21.20	21.50
		50	25	21.06	20.78	20.91	21.50
		50	50	20.91	21.20	21.08	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 108 of 252

		100	0	21.06	21.32	21.24	21.50
	64QAM	1	0	20.98	20.83	20.83	21.50
		1	50	20.81	21.20	21.16	21.50
		1	99	21.00	21.27	21.30	21.50
		50	0	19.91	19.85	19.93	20.50
		50	25	19.82	20.29	20.25	20.50
		50	50	20.06	20.28	20.24	20.50
		100	0	19.94	19.83	19.85	20.50

LTE Band 66 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
1.4MHz	QPSK	1	0	131979	132322	132665	17.50
		1	2	17.05	17.05	17.26	17.50
		1	5	17.20	16.91	17.03	17.50
		3	0	17.05	17.04	16.77	17.50
		3	1	17.21	17.11	17.12	17.50
		3	3	17.12	17.28	16.95	17.50
		3	3	16.91	16.93	16.83	17.50
	16QAM	6	0	17.13	17.31	17.11	17.50
		1	0	16.87	17.11	17.20	17.50
		1	2	17.08	16.55	16.92	17.50
		1	5	16.77	17.15	17.33	17.50
		3	0	17.02	17.13	17.48	17.50
		3	1	17.04	16.64	16.82	17.50
		3	3	17.01	17.27	17.14	17.50
	64QAM	6	0	16.87	17.42	17.39	17.50
		1	0	17.17	16.96	16.68	17.50
		1	2	16.93	17.23	17.34	17.50
		1	5	17.00	17.47	17.38	17.50
		3	0	16.92	16.65	16.86	17.50
		3	1	17.06	17.38	17.40	17.50
		3	3	17.41	17.44	16.95	17.50
3MHz	QPSK	6	0	17.07	16.84	17.02	17.50
		1	0	17.03	17.08	17.35	17.50
		1	7	17.07	16.81	16.97	17.50
		1	14	17.10	16.94	16.88	17.50
		8	0	17.18	17.10	17.09	17.50
		8	4	17.29	17.27	17.11	17.50
		8	7	16.90	16.94	16.96	17.50
	16QAM	15	0	17.17	17.21	17.11	17.50
		1	0	16.95	17.12	17.29	17.50
		1	7	17.12	16.62	16.86	17.50
		1	14	16.88	17.14	17.32	17.50
		8	0	16.99	17.17	17.34	17.50
		8	4	16.91	16.65	16.80	17.50
		8	7	17.08	17.14	17.11	17.50
	64QAM	15	0	17.04	17.36	17.25	17.50
		1	0	17.16	16.88	16.75	17.50
		1	7	16.92	17.20	17.31	17.50
		1	14	17.00	17.38	17.42	17.50
		8	0	16.94	16.82	17.00	17.50
		8	4	16.92	17.39	17.34	17.50
		8	7	17.47	17.32	16.96	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 109 of 252

5MHz	QPSK	1	0	17.12	17.06	17.26	17.50
		1	13	17.04	16.87	17.10	17.50
		1	24	17.11	17.02	16.86	17.50
		12	0	17.11	16.99	17.07	17.50
		12	6	17.25	17.33	17.06	17.50
		12	13	16.87	16.80	16.83	17.50
	16QAM	25	0	17.22	17.29	17.04	17.50
		1	0	16.88	17.22	17.14	17.50
		1	13	17.02	16.62	16.94	17.50
		1	24	16.93	17.16	17.32	17.50
		12	0	16.91	17.21	17.43	17.50
		12	6	17.07	16.69	16.87	17.50
	64QAM	12	13	17.00	17.15	17.16	17.50
		25	0	17.05	17.45	17.30	17.50
		1	0	17.26	16.91	16.61	17.50
		1	13	17.01	17.32	17.39	17.50
		1	24	17.12	17.38	17.43	17.50
		12	0	16.98	16.72	17.02	17.50
10MHz	QPSK	12	6	17.06	17.46	17.31	17.50
		12	13	17.40	17.48	16.89	17.50
		25	0	17.02	16.82	17.05	17.50
	16QAM	1	0	17.17	17.07	17.26	17.50
		1	25	17.04	16.88	17.00	17.50
		1	49	17.15	17.07	16.76	17.50
	64QAM	25	0	17.14	17.11	17.09	17.50
		25	13	17.21	17.20	17.11	17.50
		25	25	16.91	16.89	16.88	17.50
	16QAM	50	0	17.16	17.28	17.09	17.50
		1	0	16.86	17.07	17.30	17.50
		1	25	17.18	16.66	16.96	17.50
		1	49	16.85	17.09	17.35	17.50
	64QAM	25	0	17.07	17.07	17.42	17.50
		25	13	17.05	16.59	16.88	17.50
		25	25	17.08	17.25	17.18	17.50
	16QAM	50	0	16.94	17.28	17.42	17.50
		1	0	17.12	17.03	16.66	17.50
		1	25	16.91	17.24	17.33	17.50
		1	49	17.00	17.32	17.49	17.50
	64QAM	25	0	16.85	16.81	16.93	17.50
		25	13	16.97	17.44	17.27	17.50
		25	25	17.35	17.40	16.92	17.50
		50	0	16.98	16.96	17.11	17.50
15MHz	QPSK	1	0	17.18	17.15	17.18	17.50
		1	38	17.12	16.95	16.98	17.50
		1	74	17.02	16.97	16.76	17.50
	16QAM	36	0	17.09	16.99	17.15	17.50
		36	18	17.16	17.20	17.10	17.50
		36	39	16.93	16.82	16.95	17.50
	64QAM	75	0	17.17	17.38	16.98	17.50
		1	0	16.92	17.16	17.21	17.50
		1	38	17.01	16.59	16.97	17.50
		1	74	16.89	17.11	17.21	17.50
	16QAM	36	0	17.08	17.07	17.37	17.50
		36	18	17.07	16.70	16.85	17.50
		36	39	17.12	17.22	17.21	17.50
		75	0	16.92	17.41	17.36	17.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 110 of 252

		1	0	17.10	16.97	16.65	17.50
		1	38	16.98	17.28	17.38	17.50
		1	74	17.08	17.29	17.41	17.50
		36	0	16.99	16.67	17.03	17.50
		36	18	17.02	17.47	17.39	17.50
		36	39	17.35	17.30	16.98	17.50
		75	0	16.95	16.82	17.00	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 132072	Channel 132322	Channel 132572	Tune up
20MHz	QPSK	1	0	17.12	17.19	17.19	17.50
		1	50	17.13	16.97	16.95	17.50
		1	99	17.02	17.08	16.77	17.50
		50	0	17.21	17.02	17.03	17.50
		50	25	17.15	17.21	17.02	17.50
		50	50	16.88	16.91	16.98	17.50
		100	0	17.28	17.22	17.06	17.50
	16QAM	1	0	16.98	17.23	17.16	17.50
		1	50	17.19	16.65	16.79	17.50
		1	99	16.77	17.05	17.38	17.50
		50	0	16.99	17.11	17.43	17.50
		50	25	17.01	16.60	16.98	17.50
		50	50	17.05	17.26	17.26	17.50
		100	0	17.02	17.32	17.28	17.50
	64QAM	1	0	17.15	16.92	16.69	17.50
		1	50	16.99	17.32	17.36	17.50
		1	99	17.00	17.42	17.45	17.50
		50	0	16.96	16.71	17.01	17.50
		50	25	16.99	17.34	17.35	17.50
		50	50	17.37	17.45	16.90	17.50
		100	0	16.95	16.88	16.99	17.50

LTE Band 34 Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 36225	Channel 36275	Channel 36325	Tune up
5MHz	QPSK	1	0	23.41	23.33	23.41	24.00
		1	13	23.14	23.04	23.02	24.00
		1	24	23.32	23.25	23.24	24.00
		12	0	22.12	22.19	22.15	23.00
		12	6	22.23	22.25	22.20	23.00
		12	13	22.31	22.35	22.38	23.00
		25	0	22.30	22.25	22.31	23.00
	16QAM	1	0	22.22	22.16	22.26	23.00
		1	13	22.55	22.48	22.56	23.00
		1	24	22.11	22.14	22.08	23.00
		12	0	21.04	21.12	21.05	22.00
		12	6	21.31	21.41	21.46	22.00
		12	13	21.07	21.02	21.02	22.00
		25	0	21.26	21.23	21.23	22.00
	64QAM	1	0	21.49	21.41	21.50	22.00
		1	13	20.82	20.90	20.96	22.00
		1	24	21.23	21.18	21.18	22.00
		12	0	20.18	20.10	20.08	21.00
		12	6	20.01	19.95	20.02	21.00
		12	13	20.15	20.05	20.10	21.00
		25	0	20.24	20.23	20.22	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 36250	Channel 36275	Channel 36300	Tune up
10MHz	QPSK	1	0	23.32	23.29	23.29	24.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 111 of 252

		1	25	23.09	23.09	23.09	24.00
		1	49	23.38	23.30	23.22	24.00
		25	0	22.13	22.14	22.21	23.00
		25	13	22.31	22.28	22.20	23.00
		25	25	22.30	22.27	22.26	23.00
		50	0	22.22	22.16	22.12	23.00
	16QAM	1	0	22.18	22.26	22.29	23.00
		1	25	22.34	22.43	22.49	23.00
		1	49	22.16	22.22	22.26	23.00
		25	0	21.16	21.07	21.00	22.00
		25	13	21.50	21.41	21.51	22.00
		25	25	21.14	21.10	21.18	22.00
	64QAM	50	0	21.28	21.18	21.21	22.00
		1	0	21.30	21.35	21.38	22.00
		1	25	20.89	20.99	20.89	22.00
		1	49	21.06	21.12	21.21	22.00
		25	0	20.07	20.11	20.08	21.00
		25	13	20.01	20.03	20.01	21.00
		25	25	20.19	20.09	20.02	21.00
		50	0	20.32	20.29	20.21	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	36275	/	
15MHz	QPSK	1	0	/	23.22	/	24.00
		1	38	/	23.16	/	24.00
		1	74	/	23.25	/	24.00
		36	0	/	22.15	/	23.00
		36	18	/	22.23	/	23.00
		36	39	/	22.29	/	23.00
		75	0	/	22.07	/	23.00
	16QAM	1	0	/	22.19	/	23.00
		1	38	/	22.38	/	23.00
		1	74	/	22.16	/	23.00
		36	0	/	21.11	/	22.00
		36	18	/	21.36	/	22.00
		36	39	/	21.09	/	22.00
		75	0	/	21.11	/	22.00
	64QAM	1	0	/	21.28	/	22.00
		1	38	/	21.03	/	22.00
		1	74	/	21.04	/	22.00
		36	0	/	20.19	/	21.00
		36	18	/	20.11	/	21.00
		36	39	/	20.12	/	21.00
		75	0	/	20.21	/	21.00

LTE Band 34Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				36225	36275	36325	
5MHz	QPSK	1	0	21.57	21.42	21.40	22.00
		1	13	21.28	20.94	20.96	22.00
		1	24	21.45	21.17	21.23	22.00
		12	0	21.20	21.23	21.26	22.00
		12	6	21.26	21.24	21.16	22.00
		12	13	21.39	21.40	21.32	22.00
		25	0	21.33	21.25	21.38	22.00
	16QAM	1	0	21.31	21.16	21.35	22.00
		1	13	21.51	21.51	21.58	22.00
		1	24	21.09	21.10	21.05	22.00
		12	0	21.01	21.10	21.09	22.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 112 of 252

	64QAM	12	6	21.40	21.52	21.55	22.00
		12	13	21.04	20.90	21.00	22.00
		25	0	21.31	21.24	21.22	22.00
		1	0	21.32	21.43	21.63	22.00
		1	13	20.83	20.84	20.97	22.00
		1	24	21.28	21.22	21.19	22.00
		12	0	20.17	20.15	20.05	21.00
		12	6	19.97	19.88	20.00	21.00
		12	13	20.19	20.16	19.99	21.00
		25	0	20.39	20.16	20.21	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				36250	36275	36300	
10MHz	QPSK	1	0	21.35	21.35	21.46	22.00
		1	25	21.14	21.01	21.08	22.00
		1	49	21.24	21.22	21.23	22.00
		25	0	21.00	21.18	21.23	22.00
		25	13	21.26	21.37	21.26	22.00
		25	25	21.37	21.33	21.20	22.00
		50	0	21.48	21.26	21.29	22.00
	16QAM	1	0	21.23	21.02	21.32	22.00
		1	25	21.54	21.45	21.58	22.00
		1	49	21.19	21.05	21.10	22.00
		25	0	21.19	21.18	21.02	22.00
		25	13	21.31	21.35	21.46	22.00
		25	25	20.98	21.02	20.93	22.00
		50	0	21.20	21.23	21.29	22.00
	64QAM	1	0	21.39	21.36	21.49	22.00
		1	25	20.98	20.78	20.98	22.00
		1	49	21.14	21.05	21.10	22.00
		25	0	20.55	20.63	20.58	21.00
		25	13	19.97	19.87	19.95	21.00
		25	25	20.20	20.23	20.16	21.00
		50	0	20.39	20.14	20.37	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	36275	/	
15MHz	QPSK	1	0	/	21.20	/	22.00
		1	38	/	20.93	/	22.00
		1	74	/	21.24	/	22.00
		36	0	/	21.14	/	22.00
		36	18	/	21.29	/	22.00
		36	39	/	21.25	/	22.00
		75	0	/	21.22	/	22.00
	16QAM	1	0	/	21.18	/	22.00
		1	38	/	21.56	/	22.00
		1	74	/	21.13	/	22.00
		36	0	/	21.24	/	22.00
		36	18	/	21.36	/	22.00
		36	39	/	21.16	/	22.00
		75	0	/	21.21	/	22.00
	64QAM	1	0	/	21.35	/	22.00
		1	38	/	20.89	/	22.00
		1	74	/	20.68	/	22.00
		36	0	/	20.16	/	21.00
		36	18	/	20.15	/	21.00
		36	39	/	20.16	/	21.00
		75	0	/	20.34	/	21.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 113 of 252

LTE Band 34 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				36225	36275	36325	
5MHz	QPSK	1	0	20.98	20.86	20.88	21.50
		1	13	20.70	20.51	20.55	21.50
		1	24	20.91	20.68	20.69	21.50
		12	0	20.65	20.78	20.70	21.50
		12	6	20.75	20.66	20.65	21.50
		12	13	20.88	20.84	20.86	21.50
		25	0	20.82	20.77	20.89	21.50
	16QAM	1	0	20.79	20.66	20.84	21.50
		1	13	20.98	21.04	21.13	21.50
		1	24	20.64	20.62	20.52	21.50
		12	0	20.56	20.69	20.50	21.50
		12	6	20.89	20.96	20.99	21.50
		12	13	20.59	20.46	20.59	21.50
		25	0	20.73	20.70	20.74	21.50
	64QAM	1	0	20.90	20.90	21.07	21.50
		1	13	20.29	20.32	20.45	21.50
		1	24	20.69	20.70	20.76	21.50
		12	0	20.10	20.07	20.01	21.00
		12	6	19.92	19.88	19.95	21.00
		12	13	20.13	20.10	20.06	21.00
		25	0	20.30	20.18	20.15	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20.94	20.90	20.92	21.50
		1	25	20.58	20.50	20.53	21.50
		1	49	20.79	20.66	20.76	21.50
		25	0	20.58	20.77	20.73	21.50
		25	13	20.73	20.79	20.69	21.50
		25	25	20.87	20.77	20.79	21.50
		50	0	20.89	20.80	20.86	21.50
	16QAM	1	0	20.66	20.58	20.74	21.50
		1	25	21.01	20.96	21.08	21.50
		1	49	20.66	20.61	20.63	21.50
		25	0	20.63	20.64	20.57	21.50
		25	13	20.84	20.84	20.97	21.50
		25	25	20.56	20.56	20.43	21.50
		50	0	20.79	20.72	20.74	21.50
	64QAM	1	0	20.97	20.93	21.08	21.50
		1	25	20.39	20.37	20.54	21.50
		1	49	20.66	20.64	20.60	21.50
		25	0	20.05	20.15	20.13	21.00
		25	13	19.94	19.96	19.99	21.00
		25	25	20.24	20.17	20.09	21.00
		50	0	20.31	20.20	20.29	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	/	20.76	/	21.50
		1	38	/	20.48	/	21.50
		1	74	/	20.79	/	21.50
		36	0	/	20.63	/	21.50
		36	18	/	20.75	/	21.50
		36	39	/	20.83	/	21.50
		75	0	/	20.73	/	21.50
	16QAM	1	0	/	20.72	/	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 114 of 252

		1	38	/	20.97	/	21.50
		1	74	/	20.66	/	21.50
		36	0	/	20.68	/	21.50
		36	18	/	20.92	/	21.50
		36	39	/	20.59	/	21.50
		75	0	/	20.66	/	21.50
	64QAM	1	0	/	20.88	/	21.50
		1	38	/	20.34	/	21.50
		1	74	/	20.62	/	21.50
		36	0	/	20.13	/	21.00
		36	18	/	20.04	/	21.00
		36	39	/	20.16	/	21.00
		75	0	/	20.31	/	21.00

LTE Band 38 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	37775	38000	38225	24.00
		1	13	23.77	23.69	23.78	24.00
		1	24	23.08	23.18	23.17	24.00
		12	0	23.62	23.53	23.52	24.00
		12	6	22.46	22.56	22.49	23.00
		12	13	22.27	22.37	22.29	23.00
	16QAM	12	13	22.45	22.45	22.52	23.00
		25	0	22.65	22.59	22.52	23.00
		1	0	21.94	22.04	21.99	23.00
		1	13	22.24	22.33	22.43	23.00
		1	24	22.78	22.88	22.85	23.00
		12	0	21.38	21.33	21.23	22.00
	64QAM	12	6	21.24	21.32	21.35	22.00
		12	13	21.94	21.88	21.89	22.00
		25	0	21.69	21.62	21.67	22.00
		1	0	21.44	21.47	21.44	22.00
		1	13	21.77	21.79	21.77	22.00
		1	24	21.53	21.44	21.36	22.00
		12	0	20.79	20.73	20.78	21.00
		12	6	20.85	20.83	20.77	21.00
10MHz	QPSK	12	13	20.24	20.34	20.39	21.00
		25	0	20.61	20.58	20.50	21.00
	16QAM	1	0	37800	38000	38200	24.00
		1	25	23.52	23.59	23.62	24.00
		1	49	23.21	23.19	23.15	24.00
		25	0	23.57	23.48	23.46	24.00
	64QAM	25	13	22.45	22.54	22.57	23.00
		25	25	22.31	22.32	22.26	23.00
		25	25	22.44	22.50	22.59	23.00
		50	0	22.53	22.59	22.49	23.00
		1	0	22.12	22.13	22.09	23.00
		1	25	22.45	22.39	22.37	23.00
		1	49	22.71	22.80	22.90	23.00
		25	0	21.34	21.31	21.31	22.00
	QPSK	25	13	21.36	21.39	21.43	22.00
		25	25	21.74	21.81	21.83	22.00
		50	0	21.55	21.52	21.52	22.00
		1	0	21.41	21.42	21.44	22.00
	16QAM	1	25	21.74	21.79	21.87	22.00
		1	49	21.35	21.37	21.36	22.00
		25	0	20.57	20.63	20.69	21.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 115 of 252

		25	13	20.73	20.78	20.80	21.00
		25	25	20.38	20.33	20.34	21.00
		50	0	20.50	20.57	20.67	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.52	23.57	23.66	24.00
		1	38	23.33	23.29	23.34	24.00
		1	74	23.49	23.45	23.39	24.00
		36	0	22.52	22.58	22.58	23.00
		36	18	22.21	22.23	22.21	23.00
		36	39	22.49	22.44	22.38	23.00
		75	0	22.61	22.67	22.61	23.00
	16QAM	1	0	22.24	22.23	22.24	23.00
		1	38	22.30	22.40	22.45	23.00
		1	74	22.68	22.74	22.68	23.00
		36	0	21.36	21.35	21.25	22.00
		36	18	21.46	21.43	21.53	22.00
		36	39	21.81	21.76	21.76	22.00
		75	0	21.47	21.51	21.48	22.00
	64QAM	1	0	21.49	21.42	21.48	22.00
		1	38	21.82	21.86	21.83	22.00
		1	74	21.37	21.38	21.30	22.00
		36	0	20.59	20.63	20.64	21.00
		36	18	20.94	20.87	20.84	21.00
		36	39	20.40	20.30	20.40	21.00
		75	0	20.56	20.59	20.59	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	23.53	/	24.00
		1	50	/	23.28	/	24.00
		1	99	/	23.42	/	24.00
		50	0	/	22.62	/	23.00
		50	25	/	22.28	/	23.00
		50	50	/	22.46	/	23.00
		100	0	/	22.60	/	23.00
	16QAM	1	0	/	22.27	/	23.00
		1	50	/	22.39	/	23.00
		1	99	/	22.64	/	23.00
		50	0	/	21.36	/	22.00
		50	25	/	21.38	/	22.00
		50	50	/	21.72	/	22.00
		100	0	/	21.42	/	22.00
	64QAM	1	0	/	21.48	/	22.00
		1	50	/	21.81	/	22.00
		1	99	/	21.38	/	22.00
		50	0	/	20.54	/	21.00
		50	25	/	20.86	/	21.00
		50	50	/	20.34	/	21.00
		100	0	/	20.51	/	21.00

LTE Band 38 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	18.33	18.11	18.37	18.50
		1	13	17.61	17.60	17.62	18.50
		1	24	18.13	18.05	18.09	18.50
		12	0	18.00	18.02	18.04	18.50
		12	6	17.68	17.93	17.84	18.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 116 of 252

	16QAM	12	13	17.86	17.98	17.98	18.50
		25	0	18.06	18.09	18.02	18.50
		1	0	17.51	17.51	17.42	18.50
		1	13	17.78	17.80	17.84	18.50
		1	24	18.31	18.36	18.41	18.50
		12	0	17.79	17.75	17.77	18.50
		12	6	17.66	17.79	17.76	18.50
		12	13	18.53	18.44	18.44	18.50
		25	0	18.22	18.07	18.08	18.50
	64QAM	1	0	18.03	18.04	17.93	18.50
		1	13	18.31	18.23	18.35	18.50
		1	24	17.94	17.87	17.94	18.50
		12	0	18.34	18.29	18.36	18.50
		12	6	18.30	18.34	18.30	18.50
		12	13	17.77	17.91	17.96	18.50
		25	0	18.14	18.16	17.94	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 37800	Channel 38000	Channel 38200	Tune up
10MHz	QPSK	1	0	18.35	18.15	18.31	18.50
		1	25	17.51	17.70	17.66	18.50
		1	49	18.04	18.03	18.07	18.50
		25	0	17.94	18.10	18.00	18.50
		25	13	17.86	17.79	17.72	18.50
		25	25	18.01	17.91	18.01	18.50
		50	0	18.24	18.08	17.93	18.50
	16QAM	1	0	17.45	17.46	17.42	18.50
		1	25	17.75	17.75	17.85	18.50
		1	49	18.29	18.30	18.26	18.50
		25	0	17.81	17.79	17.64	18.50
		25	13	17.66	17.73	17.85	18.50
		25	25	18.41	18.46	18.45	18.50
		50	0	18.23	18.20	18.13	18.50
	64QAM	1	0	17.87	17.88	17.96	18.50
		1	25	18.20	18.26	18.32	18.50
		1	49	17.99	17.97	17.80	18.50
		25	0	18.36	18.27	18.27	18.50
		25	13	18.36	18.39	18.20	18.50
		25	25	17.73	17.86	17.95	18.50
		50	0	18.13	18.05	18.07	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 37825	Channel 38000	Channel 38175	Tune up
15MHz	QPSK	1	0	18.33	18.23	18.32	18.50
		1	38	17.62	17.62	17.59	18.50
		1	74	18.11	18.02	18.08	18.50
		36	0	17.88	17.97	18.04	18.50
		36	18	17.78	17.90	17.83	18.50
		36	39	17.94	17.86	18.10	18.50
		75	0	18.19	18.15	18.09	18.50
	16QAM	1	0	17.35	17.61	17.55	18.50
		1	38	17.72	17.81	17.87	18.50
		1	74	18.27	18.40	18.43	18.50
		36	0	17.94	17.84	17.76	18.50
		36	18	17.69	17.78	17.78	18.50
		36	39	18.47	18.39	18.35	18.50
		75	0	18.11	18.12	18.23	18.50
	64QAM	1	0	18.00	17.88	18.02	18.50
		1	38	18.32	18.36	18.23	18.50
		1	74	18.12	17.91	17.87	18.50
		36	0	18.35	18.16	18.33	18.50
		36	18	18.42	18.36	18.26	18.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 117 of 252

Bandwidth	Modulation	36	39	17.79	17.81	17.97	18.50
		75	0	18.17	18.08	17.91	18.50
		RB size	RB offset	Channel	Channel	Channel	Tune up
				/	38000	/	
20MHz	QPSK	1	0	/	18.13	/	18.50
		1	50	/	17.61	/	18.50
		1	99	/	18.01	/	18.50
		50	0	/	17.98	/	18.50
		50	25	/	17.95	/	18.50
		50	50	/	17.95	/	18.50
		100	0	/	18.10	/	18.50
	16QAM	1	0	/	17.62	/	18.50
		1	50	/	17.92	/	18.50
		1	99	/	18.41	/	18.50
		50	0	/	17.85	/	18.50
		50	25	/	17.88	/	18.50
		50	50	/	18.31	/	18.50
		100	0	/	18.16	/	18.50
	64QAM	1	0	/	17.91	/	18.50
		1	50	/	18.25	/	18.50
		1	99	/	17.88	/	18.50
		50	0	/	18.28	/	18.50
		50	25	/	18.41	/	18.50
		50	50	/	17.80	/	18.50
		100	0	/	18.12	/	18.50

LTE Band40 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38675	39150	39625	
5MHz	QPSK	1	0	23.42	23.50	23.58	24.00
		1	13	23.35	23.26	23.16	24.00
		1	24	23.25	23.19	23.11	24.00
		12	0	22.60	22.60	22.70	23.00
		12	6	22.11	22.04	22.12	23.00
		12	13	22.03	22.08	22.08	23.00
		25	0	22.44	22.39	22.36	23.00
	16QAM	1	0	22.25	22.26	22.22	23.00
		1	13	22.03	22.05	22.15	23.00
		1	24	22.51	22.46	22.48	23.00
		12	0	21.10	21.18	21.28	22.00
		12	6	21.40	21.30	21.33	22.00
		12	13	21.32	21.42	21.36	22.00
		25	0	21.19	21.15	21.05	22.00
	64QAM	1	0	21.03	21.12	21.11	22.00
		1	13	21.57	21.51	21.44	22.00
		1	24	21.05	21.10	21.17	22.00
		12	0	20.29	20.20	20.18	21.00
		12	6	20.41	20.41	20.47	21.00
		12	13	20.17	20.19	20.18	21.00
		25	0	20.16	20.19	20.13	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38700	39150	39600	
10MHz	QPSK	1	0	23.49	23.47	23.40	24.00
		1	25	23.27	23.36	23.36	24.00
		1	49	23.24	23.19	23.17	24.00
		25	0	22.65	22.63	22.54	23.00
		25	13	22.08	22.05	22.09	23.00
		25	25	22.09	22.06	22.08	23.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 118 of 252

	16QAM	50	0	22.48	22.48	22.49	23.00
		1	0	22.40	22.33	22.23	23.00
		1	25	22.06	22.02	22.11	23.00
		1	49	22.58	22.56	22.54	23.00
		25	0	21.13	21.20	21.24	22.00
		25	13	21.28	21.21	21.25	22.00
		25	25	21.26	21.34	21.39	22.00
	64QAM	50	0	21.20	21.19	21.20	22.00
		1	0	21.24	21.14	21.24	22.00
		1	25	21.53	21.59	21.63	22.00
		1	49	21.10	21.18	21.14	22.00
		25	0	20.36	20.26	20.33	21.00
		25	13	20.50	20.42	20.35	21.00
		25	25	20.28	20.22	20.14	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38725	39150	39575	
15MHz	QPSK	1	0	23.66	23.57	23.55	24.00
		1	38	23.38	23.28	23.26	24.00
		1	74	23.36	23.27	23.36	24.00
		36	0	22.53	22.57	22.49	23.00
		36	18	22.15	22.13	22.18	23.00
		36	39	22.14	22.11	22.12	23.00
		75	0	22.51	22.56	22.55	23.00
	16QAM	1	0	22.35	22.33	22.25	23.00
		1	38	22.10	22.06	21.99	23.00
		1	74	22.50	22.49	22.55	23.00
		36	0	21.20	21.26	21.16	22.00
		36	18	21.07	21.16	21.15	22.00
		36	39	21.34	21.38	21.39	22.00
		75	0	21.34	21.27	21.35	22.00
	64QAM	1	0	21.26	21.19	21.16	22.00
		1	38	21.48	21.50	21.46	22.00
		1	74	21.28	21.23	21.17	22.00
		36	0	20.28	20.23	20.26	21.00
		36	18	20.30	20.40	20.30	21.00
		36	39	20.31	20.25	20.27	21.00
		75	0	20.23	20.22	20.19	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38750	39150	39550	
20MHz	QPSK	1	0	23.46	23.57	23.40	24.00
		1	50	23.46	23.19	23.04	24.00
		1	99	23.08	23.24	23.30	24.00
		50	0	23.05	22.54	22.62	23.00
		50	25	22.29	22.19	22.49	23.00
		50	50	22.08	22.19	22.08	23.00
		100	0	22.55	22.46	22.97	23.00
	16QAM	1	0	22.54	22.24	22.13	23.00
		1	50	22.42	22.11	22.63	23.00
		1	99	22.34	22.46	22.97	23.00
		50	0	21.80	21.27	21.80	22.00
		50	25	21.25	21.11	21.05	22.00
		50	50	21.58	21.46	21.99	22.00
		100	0	21.15	21.21	21.34	22.00
	64QAM	1	0	21.33	21.19	21.13	22.00
		1	50	21.76	21.43	21.76	22.00
		1	99	21.52	21.19	21.72	22.00
		50	0	20.57	20.21	20.38	21.00
		50	25	20.47	20.50	20.47	21.00
		50	50	20.38	20.21	20.57	21.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 119 of 252

		100	0	20.59	20.23	20.59	21.00
--	--	-----	---	-------	-------	-------	-------

LTE Band40 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38675	39150	39625	
5MHz	QPSK	1	0	17.43	17.43	17.56	18.00
		1	13	17.34	17.26	17.10	18.00
		1	24	17.32	17.22	17.10	18.00
		12	0	17.60	17.66	17.75	18.00
		12	6	17.06	17.04	17.16	18.00
		12	13	17.09	17.14	17.13	18.00
		25	0	17.52	17.44	17.42	18.00
	16QAM	1	0	17.29	17.27	17.15	18.00
		1	13	17.06	16.98	17.12	18.00
		1	24	17.54	17.39	17.52	18.00
		12	0	17.02	17.24	17.29	18.00
		12	6	17.33	17.21	17.41	18.00
		12	13	17.35	17.47	17.29	18.00
		25	0	17.19	17.12	16.99	18.00
	64QAM	1	0	17.08	17.11	17.06	18.00
		1	13	17.63	17.49	17.46	18.00
		1	24	16.97	17.08	17.15	18.00
		12	0	17.26	17.18	17.12	18.00
		12	6	17.44	17.33	17.56	18.00
		12	13	17.20	17.10	17.09	18.00
		25	0	17.17	17.28	17.13	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	17.46	17.50	17.66	18.00
		1	25	17.26	17.24	17.09	18.00
		1	49	17.25	17.23	17.10	18.00
		25	0	17.66	17.61	17.68	18.00
		25	13	17.14	17.03	17.05	18.00
		25	25	17.08	17.09	17.17	18.00
		50	0	17.50	17.36	17.29	18.00
	16QAM	1	0	17.25	17.30	17.19	18.00
		1	25	17.05	17.10	17.10	18.00
		1	49	17.52	17.55	17.52	18.00
		25	0	17.04	17.16	17.30	18.00
		25	13	17.43	17.28	17.28	18.00
		25	25	17.37	17.48	17.27	18.00
		50	0	17.17	17.18	17.05	18.00
	64QAM	1	0	16.96	17.04	17.11	18.00
		1	25	17.58	17.50	17.36	18.00
		1	49	16.97	17.01	17.21	18.00
		25	0	17.21	17.28	17.17	18.00
		25	13	17.32	17.41	17.38	18.00
		25	25	17.11	17.15	17.21	18.00
		50	0	17.08	17.15	17.18	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	17.51	17.45	17.54	18.00
		1	38	17.29	17.30	17.23	18.00
		1	74	17.29	17.15	17.09	18.00
		36	0	17.55	17.69	17.74	18.00
		36	18	17.11	16.97	17.05	18.00
		36	39	16.98	17.04	17.02	18.00
		75	0	17.46	17.45	17.43	18.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 120 of 252

	16QAM	1	0	17.31	17.30	17.20	18.00
		1	38	16.94	17.01	17.19	18.00
		1	74	17.55	17.44	17.42	18.00
		36	0	17.19	17.17	17.25	18.00
		36	18	17.46	17.29	17.33	18.00
		36	39	17.34	17.36	17.43	18.00
		75	0	17.17	17.07	17.01	18.00
	64QAM	1	0	17.01	17.06	17.14	18.00
		1	38	17.55	17.45	17.48	18.00
		1	74	16.98	17.08	17.12	18.00
		36	0	17.27	17.16	17.18	18.00
		36	18	17.32	17.47	17.39	18.00
		36	39	17.23	17.17	17.25	18.00
		75	0	17.10	17.27	17.09	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				38750	39150	39550	
20MHz	QPSK	1	0	16.60	17.43	16.76	18.00
		1	50	16.83	17.33	16.66	18.00
		1	99	16.78	17.28	16.78	18.00
		50	0	17.06	17.57	17.06	18.00
		50	25	16.34	16.99	16.34	18.00
		50	50	16.72	17.05	16.39	18.00
		100	0	16.73	17.40	16.89	18.00
	16QAM	1	0	16.51	17.17	16.51	18.00
		1	50	16.33	16.98	16.33	18.00
		1	99	17.15	17.49	16.98	18.00
		50	0	16.77	17.27	16.77	18.00
		50	25	16.84	17.35	16.52	18.00
		50	50	16.61	17.44	17.10	18.00
		100	0	16.67	17.17	16.67	18.00
	64QAM	1	0	16.54	17.20	16.70	18.00
		1	50	17.24	17.58	16.74	18.00
		1	99	16.41	17.07	16.26	18.00
		50	0	16.36	17.18	16.84	18.00
		50	25	16.74	17.41	17.07	18.00
		50	50	16.59	17.25	16.75	18.00
		100	0	16.70	17.20	16.70	18.00

LTE Band 41 2496 - 2690 Full Power/Receive on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	26.72	26.7	26.76	26.79	26.84	27.00
		1	13	26.46	26.45	26.27	26.43	26.87	27.00
		1	24	26.54	26.54	26.3	26.49	26.54	27.00
		12	0	25.83	25.62	25.44	25.64	25.65	26.00
		12	6	25.47	25.61	25.26	25.78	25.57	26.00
		12	13	25.28	25.43	25.36	25.47	25.6	26.00
	16QAM	25	0	25.97	25.57	25.51	25.9	25.79	26.00
		1	0	25.64	25.51	25.44	25.61	25.73	26.00
		1	13	25.62	25.5	25.6	25.48	25.76	26.00
		1	24	25.86	25.57	25.51	25.48	25.9	26.00
		12	0	24.74	24.36	24.49	24.64	24.58	25.00
		12	6	24.42	24.21	24.43	24.22	24.54	25.00
		12	13	24.75	24.3	24.61	24.65	24.94	25.00
		25	0	24.72	24.49	24.17	24.79	24.66	25.00
	64QAM	1	0	24.49	24.45	24.36	24.33	24.86	25.00
		1	13	24.86	24.23	24.56	24.79	24.82	25.00
		1	24	24.80	24.38	24.27	24.62	24.54	25.00



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 121 of 252

		12	0	23.53	23.45	23.33	23.21	23.53	24.00
		12	6	23.75	23.46	23.40	23.58	23.77	24.00
		12	13	23.77	23.44	23.22	23.53	23.71	24.00
		25	0	23.65	23.35	23.34	23.08	23.63	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39700	40160	40620	41080	41540	
10MHz	QPSK	1	0	26.73	26.64	26.76	26.82	26.74	27.00
		1	25	26.56	26.5	26.34	26.52	26.78	27.00
		1	49	26.64	26.52	26.26	26.47	26.49	27.00
		25	0	25.85	25.58	25.54	25.71	25.71	26.00
		25	13	25.56	25.51	25.26	25.68	25.63	26.00
		25	25	25.3	25.4	25.36	25.43	25.52	26.00
	16QAM	50	0	25.87	25.66	25.58	25.82	25.74	26.00
		1	0	25.67	25.52	25.37	25.64	25.82	26.00
		1	25	25.7	25.58	25.51	25.46	25.78	26.00
		1	49	25.82	25.52	25.58	25.56	25.89	26.00
		25	0	24.78	24.27	24.41	24.54	24.65	25.00
		25	13	24.52	24.31	24.42	24.29	24.5	25.00
	64QAM	25	25	24.73	24.35	24.56	24.69	24.84	25.00
		50	0	24.68	24.48	24.21	24.69	24.75	25.00
		1	0	24.47	24.45	24.28	24.25	24.78	25.00
		1	25	24.84	24.26	24.61	24.72	24.83	25.00
		1	49	24.74	24.40	24.26	24.61	24.63	25.00
		25	0	23.52	23.49	23.27	23.19	23.57	24.00
		25	13	23.79	23.44	23.30	23.66	23.74	24.00
		25	25	23.83	23.41	23.23	23.48	23.79	24.00
		50	0	23.67	23.38	23.36	23.13	23.72	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	26.72	26.62	26.69	26.78	26.8	27.00
		1	38	26.58	26.59	26.37	26.54	26.68	27.00
		1	74	26.56	26.5	26.36	26.45	26.48	27.00
		36	0	25.77	25.54	25.55	25.69	25.74	26.00
		36	18	25.52	25.61	25.31	25.62	25.57	26.00
		36	39	25.39	25.47	25.34	25.47	25.6	26.00
	16QAM	75	0	25.84	25.63	25.53	25.74	25.76	26.00
		1	0	25.73	25.54	25.31	25.56	25.76	26.00
		1	38	25.61	25.5	25.41	25.37	25.71	26.00
		1	74	25.78	25.53	25.58	25.65	25.92	26.00
		36	0	24.69	24.33	24.31	24.48	24.64	25.00
		36	18	24.49	24.36	24.34	24.34	24.53	25.00
	64QAM	36	39	24.73	24.41	24.61	24.74	24.85	25.00
		75	0	24.65	24.46	24.18	24.6	24.66	25.00
		1	0	24.55	24.35	24.32	24.27	24.73	25.00
		1	38	24.86	24.34	24.58	24.68	24.85	25.00
		1	74	24.70	24.48	24.20	24.53	24.62	25.00
		36	0	23.58	23.51	23.31	23.15	23.57	24.00
		36	18	23.73	23.42	23.34	23.76	23.83	24.00
		36	39	23.73	23.46	23.15	23.42	23.70	24.00
		75	0	23.64	23.47	23.30	23.13	23.75	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39750	40185	40620	41055	41490	
20MHz	QPSK	1	0	26.76	26.64	26.65	26.75	26.73	27.00
		1	50	26.66	26.58	26.28	26.45	26.65	27.00
		1	99	26.57	26.45	26.43	26.38	26.58	27.00
		50	0	25.81	25.55	25.64	25.66	25.8	26.00
		50	25	25.6	25.56	25.29	25.53	25.65	26.00
		50	50	25.43	25.54	25.43	25.43	25.59	26.00
		100	0	25.8	25.55	25.54	25.74	25.81	26.00
	16QAM	1	0	25.65	25.48	25.32	25.47	25.67	26.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 122 of 252

		1	50	25.52	25.45	25.48	25.38	25.68	26.00
		1	99	25.76	25.46	25.58	25.7	25.85	26.00
		50	0	24.6	24.42	24.31	24.53	24.68	25.00
		50	25	24.45	24.38	24.38	24.36	24.58	25.00
		50	50	24.64	24.4	24.59	24.73	24.92	25.00
		100	0	24.6	24.42	24.27	24.56	24.68	25.00
	64QAM	1	0	24.54	24.41	24.28	24.29	24.67	25.00
		1	50	24.88	24.39	24.49	24.75	24.82	25.00
		1	99	24.61	24.43	24.25	24.49	24.69	25.00
		50	0	23.60	23.49	23.38	23.19	23.65	24.00
		50	25	23.79	23.48	23.39	23.69	23.85	24.00
		50	50	23.70	23.37	23.20	23.47	23.67	24.00
		100	0	23.68	23.43	23.30	23.10	23.69	24.00

LTE Band 41 2496 - 2690 Receive off				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	39675	40148	40620	41093	41565	21.50
		1	13	21.21	21.17	21.19	21.36	21.35	21.50
		1	24	20.97	20.86	20.77	20.89	21.39	21.50
		12	0	20.99	21.05	20.84	21.08	21	21.50
		12	6	21.29	21.17	21	21.18	21.08	21.50
		12	13	20.94	21.05	20.69	21.31	21.07	21.50
	16QAM	12	13	20.69	20.95	20.77	21	21.02	21.50
		25	0	21.39	21.06	21.03	21.44	21.38	21.50
		1	0	21.09	20.95	20.88	21.02	21.27	21.50
		1	13	21.04	20.94	21.03	20.98	21.19	21.50
		1	24	21.45	21.16	20.99	20.89	21.32	21.50
		12	0	21.21	20.82	21.08	21.23	21	21.50
	64QAM	12	6	20.83	20.78	20.84	20.67	21.07	21.50
		12	13	21.26	20.75	21.2	21.08	21.38	21.50
		25	0	21.29	21.05	20.6	21.21	21.25	21.50
		1	0	20.99	20.89	20.83	20.74	21.38	21.50
		1	13	21.27	20.72	21.08	21.33	21.33	21.50
		1	24	21.26	20.79	20.75	21.12	21.11	21.50
10MHz	QPSK	12	0	20.99	21.02	20.78	20.67	21.10	21.50
		12	6	21.22	21.03	20.94	21.12	21.18	21.50
		12	13	21.22	20.90	20.70	21.06	21.25	21.50
		25	0	21.20	20.77	20.79	20.52	21.22	21.50
	16QAM	1	0	39700	40160	40620	41080	41540	21.50
		1	25	21.2	21.28	21.28	21.32	21.42	21.50
		1	49	21.04	21.02	20.7	20.85	21.31	21.50
		25	0	20.98	21	20.85	21.08	21.02	21.50
		25	13	21.33	21.15	20.92	21.22	21.23	21.50
		25	25	21.06	21.11	20.82	21.35	21.13	21.50
	64QAM	25	25	20.86	20.97	20.94	21.04	21.17	21.50
		50	0	21.43	20.99	21.1	21.39	21.35	21.50
		1	0	21.23	21.01	20.93	21.11	21.18	21.50
		1	25	21.21	21.01	21.09	21.06	21.34	21.50
		1	49	21.34	20.99	21.1	20.97	21.35	21.50
		25	0	21.28	20.84	20.92	21.16	21.11	21.50
	16QAM	25	13	20.97	20.65	20.87	20.71	20.99	21.50
		25	25	21.23	20.83	21.02	21.07	21.4	21.50
		50	0	21.25	20.98	20.64	21.27	21.16	21.50
	64QAM	1	0	21.08	20.87	20.95	20.79	21.28	21.50
		1	25	21.32	20.70	20.98	21.28	21.41	21.50
		1	49	21.28	20.80	20.77	21.13	21.12	21.50
		25	0	20.96	20.95	20.89	20.74	21.07	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 123 of 252

		25	13	21.16	20.88	20.88	20.99	21.29	21.50
		25	25	21.31	21.02	20.78	21.03	21.23	21.50
		50	0	21.14	20.76	20.83	20.57	21.16	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	21.27	21.23	21.28	21.37	21.41	21.50
		1	38	20.96	20.88	20.78	20.95	21.41	21.50
		1	74	20.96	21.04	20.75	20.97	21.07	21.50
		36	0	21.34	21.15	20.96	21.13	21.12	21.50
		36	18	21	21.17	20.79	21.25	21.11	21.50
		36	39	20.78	21.01	20.85	21.06	21.09	21.50
	16QAM	75	0	21.46	21.13	20.98	21.49	21.37	21.50
		1	0	21.05	21.06	21.02	21.05	21.32	21.50
		1	38	21.04	21.09	21.18	21	21.19	21.50
		1	74	21.29	21.07	21.1	20.99	21.39	21.50
		36	0	21.24	20.8	20.97	21.06	21.04	21.50
		36	18	20.87	20.73	20.94	20.66	20.95	21.50
	64QAM	36	39	21.33	20.75	21.07	21.06	21.44	21.50
		75	0	21.27	21.08	20.58	21.36	21.21	21.50
		1	0	21.07	20.88	20.90	20.79	21.33	21.50
		1	38	21.31	20.72	20.97	21.24	21.38	21.50
		1	74	21.24	20.82	20.81	21.13	21.03	21.50
		36	0	21.11	20.86	20.80	20.67	21.09	21.50
20MHz	QPSK	36	18	21.27	21.01	20.81	21.11	21.26	21.50
		36	39	21.18	21.00	20.70	20.94	21.16	21.50
		75	0	21.14	20.82	20.86	20.58	21.21	21.50
	16QAM	1	0	21.41	21.18	21.25	21.21	21.4	21.50
		1	50	20.94	20.86	20.71	20.98	21.32	21.50
		1	99	21.07	20.96	20.81	21.01	21.05	21.50
		50	0	21.33	21.19	20.99	21.11	21.12	21.50
		50	25	20.92	21.15	20.78	21.21	20.99	21.50
		50	50	20.69	20.86	20.93	20.88	21.19	21.50
	64QAM	100	0	21.44	21.12	21.02	21.39	21.33	21.50
		1	0	21.1	21.03	20.93	21.16	21.3	21.50
		1	50	21.08	20.96	21.07	21.03	21.21	21.50
		1	99	21.4	21.1	21.03	20.9	21.32	21.50
		50	0	21.27	20.82	20.9	21.11	21.02	21.50
		50	25	20.94	20.67	20.99	20.79	21.11	21.50
	16QAM	50	50	21.2	20.72	21.11	21.17	21.53	21.50
		100	0	21.22	21.07	20.76	21.34	21.09	21.50
	64QAM	1	0	21.08	21.03	20.82	20.76	21.32	21.50
		1	50	21.35	20.77	21.06	21.35	21.40	21.50
		1	99	21.21	20.86	20.76	21.18	21.01	21.50
		50	0	20.98	21.00	20.81	20.68	20.94	21.50
	64QAM	50	25	21.28	20.95	20.92	21.11	21.36	21.50
		50	50	21.27	21.03	20.78	21.12	21.14	21.50
		100	0	21.18	20.83	20.78	20.56	21.18	21.50



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1.7 Conducted Power of Legacy(Ant10)

LTE Band 42 Full Power/Receive on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	1	0	41615	42590	43565	23.50
		1	13	22.97	23.32	22.91	23.50
		1	24	23.03	23.30	23.23	23.50
		1	24	23.28	23.15	23.22	23.50
		12	0	21.92	21.92	21.85	22.50
		12	6	22.17	22.32	22.35	22.50
		12	13	22.06	22.28	22.14	22.50
		25	0	21.84	22.15	22.19	22.50
	16QAM	1	0	22.08	21.98	22.42	22.50
		1	13	22.11	22.41	21.95	22.50
		1	24	21.85	22.22	22.14	22.50
		12	0	21.10	20.87	21.39	21.50
		12	6	21.22	21.20	21.00	21.50
		12	13	20.84	21.04	21.07	21.50
		25	0	20.95	21.02	21.28	21.50
	64QAM	1	0	21.35	21.20	20.89	21.50
		1	13	20.74	21.07	20.90	21.50
		1	24	21.14	20.93	21.05	21.50
		12	0	20.29	20.30	20.04	20.50
		12	6	19.90	20.17	20.16	20.50
		12	13	20.14	19.95	19.85	20.50
		25	0	20.24	19.99	19.92	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	41640	42590	43540	23.50
		1	25	22.89	23.31	22.91	23.50
		1	49	23.06	23.20	23.20	23.50
		25	0	23.24	23.21	23.28	23.50
		25	13	21.89	22.02	21.92	22.50
		25	25	22.09	22.27	22.29	22.50
		50	0	22.12	22.30	22.11	22.50
	16QAM	1	0	21.93	22.06	22.14	22.50
		1	25	22.16	22.00	22.34	22.50
		1	49	22.18	22.35	21.98	22.50
		25	0	21.89	22.18	22.22	22.50
		25	13	21.03	20.97	21.43	21.50
		25	25	21.24	21.16	20.98	21.50
		50	0	20.94	21.12	21.13	21.50
	64QAM	1	0	20.95	20.98	21.29	21.50
		1	25	21.32	21.16	20.82	21.50
		1	49	20.75	21.01	21.00	21.50
		25	0	21.15	20.98	21.14	21.50
		25	13	20.23	20.21	19.95	20.50
		25	25	19.83	20.08	20.20	20.50
		50	0	20.06	19.92	20.48	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	41665	42590	43515	23.50
		1	38	22.95	23.21	22.97	23.50
		1	74	23.14	23.24	23.18	23.50
		36	0	23.18	23.27	23.21	23.50
		36	18	21.90	22.05	22.01	22.50
		36	18	22.14	22.21	22.24	22.50
		36	39	22.07	22.31	22.09	22.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 125 of 252

	16QAM	75	0	21.92	21.97	22.05	22.50
		1	0	22.25	22.02	22.35	22.50
		1	38	22.26	22.31	21.94	22.50
		1	74	21.85	22.11	22.15	22.50
		36	0	21.11	21.05	21.41	21.50
		36	18	21.16	21.21	20.97	21.50
		36	39	20.88	21.06	21.18	21.50
	64QAM	75	0	20.98	20.96	21.33	21.50
		1	0	21.29	21.22	20.80	21.50
		1	38	20.70	21.11	21.06	21.50
		1	74	21.08	21.08	21.22	21.50
		36	0	20.25	20.28	19.85	20.50
		36	18	19.80	20.18	20.16	20.50
		36	39	20.10	19.84	20.40	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41690	42590	43490	
20MHz	QPSK	1	0	23.01	23.18	23.01	23.50
		1	50	23.16	23.16	23.12	23.50
		1	99	23.11	23.23	23.11	23.50
		50	0	21.93	22.03	22.05	22.50
		50	25	22.06	22.18	22.18	22.50
		50	50	22.15	22.27	22.19	22.50
		100	0	21.93	21.97	22.05	22.50
	16QAM	1	0	22.16	22.09	22.26	22.50
		1	50	22.21	22.22	21.98	22.50
		1	99	21.84	22.01	22.08	22.50
		50	0	21.08	21.02	21.34	21.50
		50	25	21.25	21.28	20.91	21.50
		50	50	20.78	21.06	21.14	21.50
		100	0	21.02	20.92	21.27	21.50
	64QAM	1	0	21.34	21.30	20.85	21.50
		1	50	20.80	21.15	21.06	21.50
		1	99	21.09	20.98	21.32	21.50
		50	0	20.33	20.22	19.89	20.50
		50	25	19.78	20.17	20.07	20.50
		50	50	20.19	19.90	20.36	20.50
		100	0	20.39	20.13	19.99	20.50

LTE Band 42 Receive off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41615	42590	43565	
5MHz	QPSK	1	0	17.41	17.76	17.35	18.00
		1	13	17.53	17.85	17.75	18.00
		1	24	17.78	17.74	17.68	18.00
		12	0	17.34	17.46	17.30	18.00
		12	6	17.71	17.80	17.82	18.00
		12	13	17.55	17.79	17.65	18.00
		25	0	17.26	17.56	17.66	18.00
	16QAM	1	0	17.55	17.40	17.95	18.00
		1	13	17.63	17.82	17.50	18.00
		1	24	17.34	17.69	17.61	18.00
		12	0	17.53	17.40	17.86	18.00
		12	6	17.81	17.61	17.54	18.00
		12	13	17.40	17.55	17.63	18.00
		25	0	17.36	17.46	17.79	18.00
	64QAM	1	0	17.78	17.61	17.30	18.00
		1	13	17.16	17.59	17.43	18.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 126 of 252

		1	24	17.72	17.46	17.61	18.00
		12	0	17.72	17.87	17.60	18.00
		12	6	17.40	17.58	17.61	18.00
		12	13	17.64	17.41	17.31	18.00
		25	0	17.66	17.47	17.49	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41640	42590	43540	
10MHz	QPSK	1	0	17.38	17.90	17.49	18.00
		1	25	17.47	17.89	17.64	18.00
		1	49	17.71	17.57	17.69	18.00
		25	0	17.36	17.44	17.37	18.00
		25	13	17.76	17.78	17.81	18.00
		25	25	17.64	17.73	17.61	18.00
		50	0	17.43	17.69	17.66	18.00
	16QAM	1	0	17.53	17.49	17.84	18.00
		1	25	17.65	17.99	17.41	18.00
		1	49	17.30	17.80	17.73	18.00
		25	0	17.69	17.28	17.98	18.00
		25	13	17.71	17.70	17.54	18.00
		25	25	17.39	17.55	17.48	18.00
		50	0	17.37	17.45	17.85	18.00
	64QAM	1	0	17.90	17.70	17.45	18.00
		1	25	17.18	17.57	17.38	18.00
		1	49	17.56	17.52	17.58	18.00
		25	0	17.70	17.75	17.50	18.00
		25	13	17.42	17.62	17.74	18.00
		25	25	17.61	17.49	17.40	18.00
		50	0	17.78	17.40	17.35	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41665	42590	43515	
15MHz	QPSK	1	0	17.52	17.81	17.43	18.00
		1	38	17.58	17.88	17.66	18.00
		1	74	17.71	17.67	17.64	18.00
		36	0	17.34	17.39	17.36	18.00
		36	18	17.58	17.91	17.87	18.00
		36	39	17.51	17.81	17.56	18.00
		75	0	17.29	17.56	17.69	18.00
	16QAM	1	0	17.60	17.39	17.83	18.00
		1	38	17.61	17.86	17.43	18.00
		1	74	17.31	17.73	17.65	18.00
		36	0	17.56	17.28	17.97	18.00
		36	18	17.81	17.68	17.52	18.00
		36	39	17.27	17.56	17.59	18.00
		75	0	17.38	17.45	17.84	18.00
	64QAM	1	0	17.87	17.76	17.34	18.00
		1	38	17.24	17.64	17.43	18.00
		1	74	17.73	17.39	17.63	18.00
		36	0	17.79	17.81	17.53	18.00
		36	18	17.47	17.65	17.71	18.00
		36	39	17.64	17.54	17.32	18.00
		75	0	17.79	17.49	17.51	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				41690	42590	43490	
20MHz	QPSK	1	0	17.49	17.81	17.36	18.00
		1	50	17.56	17.79	17.76	18.00
		1	99	17.71	17.56	17.73	18.00
		50	0	17.41	17.38	17.42	18.00
		50	25	17.68	17.88	17.78	18.00
		50	50	17.57	17.69	17.63	18.00
		100	0	17.27	17.69	17.61	18.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 127 of 252

	16QAM	1	0	17.60	17.56	17.97	18.00
		1	50	17.68	17.84	17.43	18.00
		1	99	17.37	17.77	17.72	18.00
		50	0	17.65	17.37	17.83	18.00
		50	25	17.79	17.70	17.48	18.00
		50	50	17.34	17.55	17.65	18.00
		100	0	17.37	17.59	17.71	18.00
	64QAM	1	0	17.92	17.69	17.35	18.00
		1	50	17.16	17.62	17.31	18.00
		1	99	17.66	17.41	17.62	18.00
		50	0	17.79	17.80	17.48	18.00
		50	25	17.34	17.63	17.75	18.00
		50	50	17.61	17.38	17.39	18.00
		100	0	17.74	17.46	17.33	18.00



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2 Conducted Power of Intra Band LTE Uplink CA

2.1 Conducted Power of Intra Band LTE UL CA (Ant1)

Combination	Modulation	PCC					SCC					Full Power/Receive on/Receive off	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	41	20	39948	1	0	23.52	24.00
CA_41C	QPSK	41	20	40620	1	99	41	20	40818	1	0	23.48	24.00
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	1	99	23.61	24.00
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	1	99	23.56	24.00



2.2 Conducted Power of Intra Band LTE UL_CA (Ant2)

Combination	Modulation	PCC					SCC					Full Power/Receive on		Receive off	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	21.08	21.50	17.14	17.50
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	21.15	21.50	17.15	17.50
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	20.81	21.50	16.82	17.50
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	21.14	21.50	17.32	17.50

Combination	Modulation	PCC					SCC					Full Power/Receive on		Receive off	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	41	20	39948	1	0	21.80	22.00	18.84	19.00
CA_41C	QPSK	41	20	40620	1	99	41	20	40818	1	0	21.55	22.00	18.45	19.00
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	1	99	21.67	22.00	18.49	19.00
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	1	99	21.85	22.00	18.61	19.00

2.3 Conducted Power of Intra Band LTE UL_CA (Ant3)

Combination	Modulation	PCC					SCC					Full Power/Receive on		Receive off	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	41	20	39948	1	0	23.54	24.00	20.49	21.00
CA_41C	QPSK	41	20	40620	1	99	41	20	40818	1	0	23.72	24.00	20.78	21.00
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	1	99	23.62	24.00	20.55	21.00
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	1	99	23.54	24.00	20.53	21.00



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2.4 Conducted Power of Intra Band LTE UL_CA (Ant9)

Combination	Modulation	PCC					SCC					Full Power/Receive on		Receive off	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	7	20	21048	1	0	23.46	24.00	15.44	16.00
CA_7C	QPSK	7	20	21100	1	99	7	20	21298	1	0	23.51	24.00	15.63	16.00
CA_7C	QPSK	7	20	21100	1	0	7	20	20902	1	99	23.36	24.00	15.32	16.00
CA_7C	QPSK	7	20	21350	1	0	7	20	21152	1	99	23.62	24.00	15.49	16.00

Combination	Modulation	PCC					SCC					Full Power/Receive on		Receive off	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	41	20	39948	1	0	26.56	27.00	21.33	21.50
CA_41C	QPSK	41	20	40620	1	99	41	20	40818	1	0	26.58	27.00	20.94	21.50
CA_41C	QPSK	41	20	40620	1	0	41	20	40422	1	99	26.39	27.00	21.01	21.50
CA_41C	QPSK	41	20	41490	1	0	41	20	41292	1	99	26.66	27.00	20.87	21.50



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3 Conducted Power of NR SA

3.1 Conducted Power of NR (Ant1)

N5_15kHz Full Power/Receiver on/off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
				/	836.5	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	23.78	/	24.00
		1	53	/	23.60	/	24.00
		1	104	/	23.67	/	24.00
		50	0	/	22.76	/	23.00
		50	28	/	23.71	/	24.00
		50	56	/	22.55	/	23.00
		100	0	/	22.78	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	22.66	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
				/	167300	/	
20MHz	CP-OFDM QPSK	1	1	/	22.18	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
				/	167300	/	
15MHz	DFT-s-OFDM QPSK	1	1	/	23.83	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
				/	167300	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	23.61	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	165300	167300	
				/	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	22.79	23.81	22.78	24.00

N38_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.72	/	22.00
		1	108	/	21.62	/	22.00
		1	214	/	21.58	/	22.00
		108	0	/	20.60	/	21.00
		108	54	/	21.59	/	22.00
		108	108	/	20.58	/	21.00
		216	0	/	20.52	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.50	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	519000	/	
40MHz	CP-OFDM QPSK	1	1	/	20.10	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	519000	/	
30MHz	DFT-s-OFDM	1	1	/	21.77	/	22.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 133 of 252

	QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	21.66	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	21.65	21.55	21.66	22.00

N38_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	17.80	/	18.00
		1	108	/	17.70	/	18.00
		1	214	/	17.64	/	18.00
		108	0	/	16.62	/	17.00
		108	54	/	17.65	/	18.00
		108	108	/	16.70	/	17.00
		216	0	/	16.52	/	17.00
	DFT-s-OFDM 16QAM	1	1	/	16.67	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
40MHz	CP-OFDM QPSK	1	1	/	16.14	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	17.84	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	17.78	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	17.93	17.92	17.93	18.00

N41 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				/	/	518598	/	/
				/	/	2592.99	/	/
100MHz	DFT-s-OFDM QPSK	1	1	/	/	22.33	/	/
		1	137	/	/	22.27	/	/
		1	271	/	/	22.25	/	/
		135	0	/	/	18.82	/	/
		135	69	/	/	22.29	/	/
		135	138	/	/	18.74	/	/
		270	0	/	/	21.20	/	/
	DFT-s-OFDM 16QAM	1	1	/	/	21.24	/	/



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 134 of 252

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	20.73	/	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	22.33	/	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	/	22.26	/	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	/	22.33	/	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	22.44	22.31	22.18	22.41	22.31	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	22.42	22.37	22.21	22.23	22.21	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
40MHz	DFT-s-OFDM QPSK	1	1	22.31	22.21	22.28	22.15	22.24	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	22.32	22.31	22.14	22.44	22.41	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	22.33	22.31	22.28	22.20	22.23	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	22.15	22.35	22.41	22.15	22.14	22.50

N41 PC2_30kHz Receiver off				Conducted Power(dBm)					Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	17.82	/	/	18.00
		1	137	/	/	17.75	/	/	18.00
		1	271	/	/	17.79	/	/	18.00
		135	0	/	/	14.33	/	/	14.50
		135	69	/	/	17.88	/	/	18.00
		135	138	/	/	14.41	/	/	14.50
		270	0	/	/	16.75	/	/	17.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 135 of 252

	DFT-s-OFDM 16QAM	1	1	/	/	16.92	/	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	16.46	/	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	/	17.76	/	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	/	17.68	/	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	/	17.85	/	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	17.85	17.75	17.92	17.67	17.68	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.76	17.68	17.90	17.77	17.73	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.93	17.79	17.89	17.94	17.96	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.76	17.86	17.68	17.80	17.83	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.86	17.73	17.70	17.74	17.82	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.71	17.70	17.93	17.84	17.82	18.00



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3.2 Conducted Power of NR (Ant2)

N2_15kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	23.89	23.95	23.96	24.00
		1	53	23.74	23.78	23.72	24.00
		1	104	23.65	23.71	23.66	24.00
		50	0	22.81	22.86	22.87	23.00
		50	28	23.78	23.78	23.72	24.00
		50	56	22.95	22.90	22.95	23.00
		100	0	22.79	22.85	22.78	23.00
	DFT-s-OFDM 16QAM	1	1	22.92	22.93	22.98	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	22.39	22.30	22.43	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	23.84	23.76	23.64	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	23.84	23.78	23.72	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	23.89	23.72	23.67	24.00

N2_15kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	18.44	18.40	18.47	18.50
		1	53	18.26	18.24	18.31	18.50
		1	104	18.11	18.16	18.13	18.50
		50	0	17.38	17.22	17.19	17.50
		50	28	18.36	18.22	18.16	18.50
		50	56	17.36	17.18	17.18	17.50
		100	0	17.27	17.33	17.23	17.50
	DFT-s-OFDM 16QAM	1	1	17.32	17.27	17.18	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	16.84	16.76	16.67	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	18.37	18.40	18.41	18.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 137 of 252

Bandwidth	Modulation	RB size	RB offset	Channel 371000	Channel 376000	Channel 381000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.24	18.04	17.98	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 370500	Channel 376000	Channel 381500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	18.42	18.47	18.49	18.50

N7_15kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.75	20.71	20.77	21.00
		1	53	20.60	20.68	20.64	21.00
		1	104	20.81	20.98	20.82	21.00
		50	0	19.68	19.81	19.76	20.00
		50	28	20.72	20.82	20.79	21.00
		50	56	19.73	19.78	19.74	20.00
		100	0	19.86	19.91	19.87	20.00
	DFT-s-OFDM 16QAM	1	1	19.71	19.87	19.82	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	CP-OFDM QPSK	1	1	19.25	19.36	19.32	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	20.61	20.84	20.81	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	20.84	20.63	20.83	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	20.58	20.86	20.80	21.00

N7_15kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.83	16.66	16.85	17.00
		1	53	16.60	16.58	16.70	17.00
		1	104	16.78	17.06	16.82	17.00
		50	0	15.75	15.80	15.67	16.00
		50	28	16.75	16.78	16.69	17.00
		50	56	15.74	15.79	15.65	16.00
		100	0	15.88	15.87	15.81	16.00
	DFT-s-OFDM 16QAM	1	1	15.75	15.74	15.72	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 138 of 252

				502000	507000	512000	
20MHz	CP-OFDM QPSK	1	1	15.29	15.29	15.20	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.69	16.54	16.75	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.64	16.64	16.73	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	16.66	16.54	16.60	17.00

N25_15kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 372000	Channel 376500	Channel 381000	Tune up
				1860	1882.5	1905	
20MHz	DFT-s-OFDM QPSK	1	1	23.56	23.57	23.50	24.00
		1	53	23.55	23.53	23.52	24.00
		1	104	23.67	23.72	23.74	24.00
		50	0	22.70	22.52	22.48	23.00
		50	28	23.60	23.59	23.56	24.00
		50	56	22.48	22.50	22.59	23.00
		100	0	22.63	22.61	22.68	23.00
	DFT-s-OFDM 16QAM	1	1	22.53	22.60	22.73	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 372000	Channel 376500	Channel 381000	Tune up
20MHz	CP-OFDM QPSK	1	1	22.02	22.11	22.10	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 371500	Channel 376500	Channel 381500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.48	23.62	23.67	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 371000	Channel 376500	Channel 382000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.52	23.65	23.66	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 370500	Channel 376500	Channel 382500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.48	23.52	23.53	24.00

N25_15kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 372000	Channel 376500	Channel 381000	Tune up
				1860	1882.5	1905	
20MHz	DFT-s-OFDM QPSK	1	1	18.33	18.40	18.38	18.50
		1	53	17.85	18.04	18.00	18.50
		1	104	18.05	18.22	18.18	18.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 139 of 252

		50	0	16.91	17.08	17.05	17.50
		50	28	17.85	18.03	18.01	18.50
		50	56	16.98	17.04	17.05	17.50
		100	0	17.02	17.19	17.16	17.50
	DFT-s-OFDM 16QAM	1	1	16.82	16.99	16.96	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 372000	Channel 376500	Channel 381000	Tune up
20MHz	CP-OFDM QPSK	1	1	16.45	16.47	16.44	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 371500	Channel 376500	Channel 381500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.46	18.48	18.49	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 371000	Channel 376500	Channel 382000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.48	18.42	18.45	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 370500	Channel 376500	Channel 382500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	18.44	18.40	18.27	18.50

N38_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.70	/	22.00
		1	108	/	21.66	/	22.00
		1	214	/	21.64	/	22.00
		108	0	/	20.69	/	21.00
		108	54	/	21.66	/	22.00
		108	108	/	20.64	/	21.00
		216	0	/	20.66	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.61	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 519000	Channel /	Tune up
40MHz	CP-OFDM QPSK	1	1	/	20.23	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 519000	Channel /	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	21.70	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 519000	Channel /	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	21.66	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.66	21.60	21.66	22.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 140 of 252

N38_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	15.20	/	15.50
		1	108	/	15.21	/	15.50
		1	214	/	15.11	/	15.50
		108	0	/	14.25	/	14.50
		108	54	/	15.25	/	15.50
		108	108	/	14.21	/	14.50
		216	0	/	14.18	/	14.50
	DFT-s-OFDM 16QAM	1	1	/	14.20	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
40MHz	CP-OFDM QPSK	1	1	/	13.69	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	15.09	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	15.06	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	15.21	15.23	15.27	15.50

N40_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	470000	/	
				/	2360	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	21.37	/	21.50
		1	109	/	21.26	/	21.50
		1	215	/	21.30	/	21.50
		108	0	/	20.15	/	20.50
		108	55	/	21.17	/	21.50
		108	109	/	20.19	/	20.50
		216	0	/	20.20	/	20.50
	DFT-s-OFDM 16QAM	1	1	/	20.22	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	470000	/	
80MHz	CP-OFDM QPSK	1	1	/	19.69	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	470000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	21.33	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				466000	470000	474000	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 141 of 252

60MHz	DFT-s-OFDM QPSK	1	1	/	21.33	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				465000	470000	475000	
50MHz	DFT-s-OFDM QPSK	1	1	21.31	21.42	21.39	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				464000	470000	476000	
40MHz	DFT-s-OFDM QPSK	1	1	21.32	21.47	21.46	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				463000	470000	477000	
30MHz	DFT-s-OFDM QPSK	1	1	21.37	21.41	21.38	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				462000	470000	478000	
20MHz	DFT-s-OFDM QPSK	1	1	21.32	21.33	21.30	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				461000	470000	479000	
10MHz	DFT-s-OFDM QPSK	1	1	21.40	21.26	21.46	21.50

N40_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	470000	/	
				/	2360	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	16.33	/	16.50
		1	109	/	16.31	/	16.50
		1	215	/	16.40	/	16.50
		108	0	/	15.10	/	15.50
		108	55	/	16.08	/	16.50
		108	109	/	15.03	/	15.50
		216	0	/	15.27	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	15.07	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	470000	/	
80MHz	CP-OFDM QPSK	1	1	/	14.59	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	470000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	16.41	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				466000	470000	474000	
60MHz	DFT-s-OFDM QPSK	1	1	/	16.31	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				465000	470000	475000	
50MHz	DFT-s-OFDM	1	1	16.23	16.47	16.35	16.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 142 of 252

Bandwidth	Modulation	RB size	RB offset	Channel 464000	Channel 470000	Channel 476000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.44	16.42	16.45	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 463000	Channel 470000	Channel 477000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.19	16.38	16.34	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 462000	Channel 470000	Channel 478000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.35	16.40	16.31	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 461000	Channel 470000	Channel 479000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.34	16.26	16.30	16.50

N41 PC2 30kHz Full Power/Receiver on				Conducted Power(dBm)					Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	22.42	/	/	22.50
		1	137	/	/	22.31	/	/	22.50
		1	271	/	/	22.27	/	/	22.50
		135	0	/	/	18.80	/	/	19.00
		135	69	/	/	22.25	/	/	22.50
		135	138	/	/	18.75	/	/	19.00
		270	0	/	/	21.33	/	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	/	21.29	/	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	20.81	/	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	/	22.46	/	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	/	22.17	/	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	/	22.34	/	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	22.42	22.43	22.42	22.33	22.26	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 143 of 252

				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	22.32	22.39	22.37	22.32	22.44	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	22.33	22.38	22.34	22.17	22.19	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.24	22.23	22.35	22.29	22.27	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.36	22.41	22.31	22.42	22.34	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 509403	Channel 518598	Channel 527799	Channel 537000	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.46	22.43	22.27	22.37	22.30	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 499200	Channel 508902	Channel 518598	Channel 528300	Channel 538002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.16	22.29	22.27	22.45	22.31	22.50

N41 PC2_30kHz Receiver off				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	15.36	/	/	15.50
		1	137	/	/	15.31	/	/	15.50
		1	271	/	/	15.21	/	/	15.50
		135	0	/	/	11.70	/	/	12.00
		135	69	/	/	15.22	/	/	15.50
		135	138	/	/	11.72	/	/	12.00
		270	0	/	/	14.34	/	/	14.50
	DFT-s-OFDM 16QAM	1	1	/	/	14.21	/	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	13.76	/	/	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	15.21	/	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	/	15.23	/	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
70MHz	DFT-s-	1	1	/	/	15.25	/	/	15.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 144 of 252

	OFDM QPSK								
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	15.27	15.50	15.30	15.31	15.47	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.25	15.31	15.29	15.49	15.35	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.48	15.33	15.26	15.21	15.26	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.38	15.30	15.24	15.32	15.46	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.34	15.41	15.48	15.36	15.29	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 509403	Channel 518598	Channel 527799	Channel 537000	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	15.50	15.26	15.32	15.31	15.41	15.50
Bandwidth	Modulation	RB size	RB offset	Channel 499200	Channel 508902	Channel 518598	Channel 528300	Channel 538002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	15.22	15.47	15.45	15.38	15.48	15.50

N66_15kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
				1720	1745	1770	
20MHz	DFT-s-OFDM QPSK	1	1	24.62	24.70	24.63	25.00
		1	53	24.57	24.67	24.60	25.00
		1	104	24.61	24.66	24.59	25.00
		50	0	23.67	23.72	23.63	24.00
		50	28	24.68	24.73	24.63	25.00
		50	56	23.64	23.69	23.57	24.00
		100	0	23.75	23.77	23.65	24.00
	DFT-s-OFDM 16QAM	1	1	23.61	23.70	23.63	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	CP-OFDM QPSK	1	1	23.20	23.22	23.15	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.75	24.72	24.61	25.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 145 of 252

Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.59	24.48	24.58	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	24.73	24.73	24.77	25.00

N66_15kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.14	19.20	19.14	19.50
		1	53	19.08	19.10	19.08	19.50
		1	104	19.03	19.07	18.99	19.50
		50	0	18.09	18.13	18.04	18.50
		50	28	19.04	19.14	19.06	19.50
		50	56	18.09	18.14	18.05	18.50
		100	0	18.11	18.18	18.13	18.50
	DFT-s-OFDM 16QAM	1	1	18.17	18.19	18.17	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	CP-OFDM QPSK	1	1	17.71	17.73	17.66	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.27	19.12	19.18	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.27	19.18	19.27	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	19.20	19.25	19.11	19.50

N40_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 470000	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	21.37	/	21.50
		1	109	/	21.26	/	21.50
		1	215	/	21.30	/	21.50
		108	0	/	20.15	/	20.50
		108	55	/	21.17	/	21.50
		108	109	/	20.19	/	20.50
		216	0	/	20.20	/	20.50
	DFT-s-OFDM 16QAM	1	1	/	20.22	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 146 of 252

				/	470000	/	
80MHz	CP-OFDM QPSK	1	1	/	19.69	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	470000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	21.33	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				466000	470000	474000	
60MHz	DFT-s-OFDM QPSK	1	1	/	21.33	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				465000	470000	475000	
50MHz	DFT-s-OFDM QPSK	1	1	21.31	21.42	21.39	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				464000	470000	476000	
40MHz	DFT-s-OFDM QPSK	1	1	21.32	21.47	21.46	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				463000	470000	477000	
30MHz	DFT-s-OFDM QPSK	1	1	21.37	21.41	21.38	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				462000	470000	478000	
20MHz	DFT-s-OFDM QPSK	1	1	21.32	21.33	21.30	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				461000	470000	479000	
10MHz	DFT-s-OFDM QPSK	1	1	21.40	21.26	21.46	21.50

N40_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	470000	/	
				/	2360	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	16.33	/	16.50
		1	109	/	16.31	/	16.50
		1	215	/	16.40	/	16.50
		108	0	/	15.10	/	15.50
		108	55	/	16.08	/	16.50
		108	109	/	15.03	/	15.50
		216	0	/	15.27	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	15.07	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	470000	/	
80MHz	CP-OFDM QPSK	1	1	/	14.59	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	470000	/	
70MHz	DFT-s-OFDM	1	1	/	16.41	/	16.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 147 of 252

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	QPSK			466000	470000	474000	
60MHz	DFT-s-OFDM QPSK	1	1	/	16.31	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				465000	470000	475000	
50MHz	DFT-s-OFDM QPSK	1	1	16.23	16.47	16.35	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				464000	470000	476000	
40MHz	DFT-s-OFDM QPSK	1	1	16.44	16.42	16.45	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				463000	470000	477000	
30MHz	DFT-s-OFDM QPSK	1	1	16.19	16.38	16.34	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				462000	470000	478000	
20MHz	DFT-s-OFDM QPSK	1	1	16.35	16.40	16.31	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				461000	470000	479000	
10MHz	DFT-s-OFDM QPSK	1	1	16.34	16.26	16.30	16.50

N77 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	23.27	/	23.50
		1	137	/	23.16	/	23.50
		1	271	/	23.04	/	23.50
		135	0	/	19.72	/	20.00
		135	69	/	23.05	/	23.50
		135	138	/	19.67	/	20.00
		270	0	/	22.25	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	22.24	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.78	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	23.18	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	23.12	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 148 of 252

				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	23.39	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	23.13	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	23.21	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	23.20	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	23.12	23.36	23.20	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	23.12	23.16	23.19	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	23.18	23.26	23.14	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630167	633334	636501	
10MHz	DFT-s-OFDM QPSK	1	1	23.18	23.21	23.42	23.50

N77 PC2_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	16.68	/	17.00
		1	137	/	16.48	/	17.00
		1	271	/	16.51	/	17.00
		135	0	/	13.07	/	13.50
		135	69	/	16.58	/	17.00
		135	138	/	13.05	/	13.50
		270	0	/	15.83	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	15.59	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	15.09	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-	1	1	/	15.88	/	17.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 149 of 252

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	17.00
70MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	17.00
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	17.00
50MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	17.00
40MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	17.00
30MHz	DFT-s-OFDM QPSK	1	1	15.83	15.82	15.74	17.00
20MHz	DFT-s-OFDM QPSK	1	1	15.60	15.84	15.90	17.00
15MHz	DFT-s-OFDM QPSK	1	1	15.75	15.90	15.87	17.00
10MHz	DFT-s-OFDM QPSK	1	1	15.61	15.86	15.60	17.00

N77 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	641667	/	23.50
		1	137	/	3625.01	/	23.50
		1	271	/	23.29	/	23.50
		135	0	/	23.16	/	23.50
		135	69	/	22.94	/	20.00
		135	138	/	19.80	/	23.50
		270	0	/	23.03	/	20.00
		1	1	/	19.72	/	22.50
	DFT-s-OFDM	1	1	/	22.28	/	22.50
		1	1	/	22.29	/	22.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 150 of 252

	16QAM						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
100MHz	CP-OFDM QPSK	1	1	/	21.71	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	23.11	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	23.05	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	23.32	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	23.06	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638333	641667	645000	
50MHz	DFT-s-OFDM QPSK	1	1	23.17	23.21	23.25	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637667	641667	645667	
40MHz	DFT-s-OFDM QPSK	1	1	23.16	23.20	23.24	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637667	641667	645667	
30MHz	DFT-s-OFDM QPSK	1	1	23.08	23.36	23.24	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637333	641667	646000	
20MHz	DFT-s-OFDM QPSK	1	1	23.08	23.16	23.23	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637167	641667	646167	
15MHz	DFT-s-OFDM QPSK	1	1	23.14	23.26	23.18	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646333	
10MHz	DFT-s-OFDM QPSK	1	1	23.14	23.21	23.46	23.50

N77 PC2_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
				/	3625.01	/	
	DFT-s-	1	1	/	16.70	/	17.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 151 of 252

	OFDM QPSK	1	137	/	16.48	/	17.00
		1	271	/	16.41	/	17.00
		135	0	/	13.15	/	13.50
		135	69	/	16.56	/	17.00
		135	138	/	13.10	/	13.50
		270	0	/	15.86	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	15.64	/	16.00
				Channel	Channel	Channel	Tune up
				/	641667	/	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	15.02	/	15.50
	DFT-s-OFDM QPSK	1	1	/	15.81	/	17.00
				Channel	Channel	Channel	Tune up
				/	641667	/	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	15.81	/	17.00
	DFT-s-OFDM QPSK	1	1	/	15.69	/	17.00
				Channel	Channel	Channel	Tune up
				/	641667	/	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	15.69	/	17.00
	DFT-s-OFDM QPSK	1	1	/	15.71	/	17.00
				Channel	Channel	Channel	Tune up
				/	641667	/	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	15.57	/	17.00
	DFT-s-OFDM QPSK	1	1	15.85	15.89	15.93	17.00
				Channel	Channel	Channel	Tune up
				638333	641667	645000	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.85	15.89	15.93	17.00
	DFT-s-OFDM QPSK	1	1	15.67	15.71	15.75	17.00
				Channel	Channel	Channel	Tune up
				637667	641667	645667	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.67	15.71	15.75	17.00
	DFT-s-OFDM QPSK	1	1	15.79	15.82	15.78	17.00
				Channel	Channel	Channel	Tune up
				637667	641667	645667	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.79	15.82	15.78	17.00
	DFT-s-OFDM QPSK	1	1	15.56	15.84	15.94	17.00
				Channel	Channel	Channel	Tune up
				637333	641667	646000	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.56	15.84	15.94	17.00
	DFT-s-OFDM QPSK	1	1	15.71	15.90	15.91	17.00
				Channel	Channel	Channel	Tune up
				637167	641667	646167	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	15.71	15.90	15.91	17.00
	DFT-s-OFDM QPSK	1	1	15.57	15.86	15.64	17.00
				Channel	Channel	Channel	Tune up
				637000	641667	646333	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-	1	1	15.57	15.86	15.64	17.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 152 of 252

	OFDM QPSK						
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N77 PC2 30kHz Full Power/Receiver on				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654800	657200	/	/	
				/	/	3822.00	3858.00	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	23.22	23.23	/	/	23.50
		1	137	/	/	23.18	23.04	/	/	23.50
		1	271	/	/	23.07	23.00	/	/	23.50
		135	0	/	/	19.56	19.52	/	/	20.00
		135	69	/	/	23.09	22.97	/	/	23.50
		135	138	/	/	19.55	19.50	/	/	20.00
		270	0	/	/	22.36	22.18	/	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	/	22.25	22.05	/	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	21.70	21.52	/	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	23.24	23.17	/	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	23.13	23.13	23.19	23.26	23.06	23.21	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	23.13	23.17	23.17	23.14	23.21	23.17	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	23.33	23.25	23.23	23.15	23.26	23.18	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	23.20	23.28	23.18	23.07	23.26	23.06	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	23.31	23.30	23.25	23.24	23.21	23.12	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	23.25	23.20	23.19	23.11	23.10	23.18	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647499	650900	654298	657699	661100	664501	
25MHz	DFT-s-OFDM QPSK	1	1	23.30	23.21	23.13	23.13	23.26	23.16	23.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 153 of 252

Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.29	23.30	23.21	23.10	23.06	23.20	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.17	23.18	23.27	23.20	23.09	23.15	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.23	23.20	23.29	23.16	23.13	23.14	23.50

N77 PC2_30kHz Receiver off				Conducted Power(dBm)						Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
				/	/	654800	657200	/	/	
				/	/	3822.00	3858.00	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	16.72	16.75	/	/	17.00
		1	137	/	/	16.71	16.55	/	/	17.00
		1	271	/	/	16.61	16.49	/	/	17.00
		135	0	/	/	13.20	13.04	/	/	13.50
		135	69	/	/	16.69	16.56	/	/	17.00
		135	138	/	/	13.16	13.02	/	/	13.50
		270	0	/	/	15.89	15.78	/	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	/	15.73	15.59	/	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	15.28	15.06	/	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	16.65	16.66	/	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	16.70	16.70	16.62	16.69	16.57	16.61	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	16.61	16.69	16.69	16.55	16.67	16.69	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	16.80	16.67	16.65	16.64	16.66	16.52	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	16.73	16.76	16.70	16.58	16.61	16.57	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 154 of 252

40MHz	DFT-s-OFDM QPSK	1	1	16.77	16.75	16.66	16.60	16.67	16.70	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.63	16.66	16.74	16.60	16.63	16.64	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	16.66	16.79	16.68	16.54	16.54	16.70	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.72	16.71	16.67	16.69	16.70	16.63	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.72	16.60	16.73	16.70	16.62	16.58	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.76	16.76	16.71	16.64	16.56	16.66	17.00

N78 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	21.92	/	22.50
		1	137	/	21.96	/	22.50
		1	271	/	21.76	/	22.50
		135	0	/	18.33	/	19.00
		135	69	/	21.80	/	22.50
		135	138	/	18.30	/	19.00
		270	0	/	21.05	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.88	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	20.37	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	21.99	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	21.79	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM	1	1	/	21.84	/	22.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 155 of 252

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	QPSK			/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	22.05	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	21.86	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	22.00	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	21.91	21.97	22.07	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.92	21.79	22.05	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	21.85	21.86	21.85	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	21.87	21.93	21.83	22.50

N78 PC2_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	16.40	/	17.00
		1	137	/	16.38	/	17.00
		1	271	/	16.28	/	17.00
		135	0	/	12.71	/	13.50
		135	69	/	16.24	/	17.00
		135	138	/	12.69	/	13.50
		270	0	/	15.64	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	15.28	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.83	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	16.44	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 156 of 252

				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	16.46	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	16.51	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	16.52	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	16.34	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	16.32	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	16.55	16.43	16.55	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.36	16.31	16.53	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	16.44	16.53	16.36	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	16.41	16.29	16.41	17.00

N78 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
				/	3625.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	22.05	/	22.50
		1	137	/	22.15	/	22.50
		1	271	/	21.90	/	22.50
		135	0	/	18.50	/	19.00
		135	69	/	21.89	/	22.50
		135	138	/	18.53	/	19.00
		270	0	/	21.20	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.96	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 157 of 252

100MHz	CP-OFDM QPSK	1	1	/	20.42	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	22.21	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	22.19	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	22.15	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	21.95	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638333	641667	645000	
50MHz	DFT-s-OFDM QPSK	1	1	22.02	22.01	19.85	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637667	641667	645667	
40MHz	DFT-s-OFDM QPSK	1	1	22.02	22.01	19.95	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637667	641667	645667	
30MHz	DFT-s-OFDM QPSK	1	1	22.15	22.07	22.15	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637333	641667	646000	
20MHz	DFT-s-OFDM QPSK	1	1	22.05	22.00	22.17	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637167	641667	646167	
15MHz	DFT-s-OFDM QPSK	1	1	21.89	21.90	22.05	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646333	
10MHz	DFT-s-OFDM QPSK	1	1	21.91	22.01	21.94	22.50

N78 PC2_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
				/	3625.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	16.44	/	17.00
		1	137	/	16.61	/	17.00
		1	271	/	16.30	/	17.00
		135	0	/	12.88	/	13.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 158 of 252

		135	69	/	16.39	/	17.00
		135	138	/	12.90	/	13.50
		270	0	/	15.61	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	15.31	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
100MHz	CP-OFDM QPSK	1	1	/	14.82	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	16.63	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	16.31	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	16.42	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	16.58	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638333	641667	645000	
50MHz	DFT-s-OFDM QPSK	1	1	16.62	16.52	16.66	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637667	641667	645667	
40MHz	DFT-s-OFDM QPSK	1	1	16.64	16.54	16.55	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637667	641667	645667	
30MHz	DFT-s-OFDM QPSK	1	1	16.56	16.36	16.51	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637333	641667	646000	
20MHz	DFT-s-OFDM QPSK	1	1	16.58	16.35	16.59	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637167	641667	646167	
15MHz	DFT-s-OFDM QPSK	1	1	16.52	16.49	16.43	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641667	646333	
10MHz	DFT-s-OFDM QPSK	1	1	16.59	16.48	16.34	17.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 159 of 252

N78 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	3750.00	/	22.50
		1	137	/	21.93	/	22.50
		1	271	/	21.99	/	22.50
		135	0	/	21.71	/	22.50
		135	69	/	18.40	/	19.00
		135	138	/	21.79	/	22.50
		270	0	/	18.36	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	21.08	/	21.50
		1	1	/	20.78	/	21.50
		1	1	/	20.23	/	21.00
100MHz	CP-OFDM QPSK	1	1	/	20.23	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	22.05	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	22.07	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	22.05	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	21.85	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	21.90	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.83	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	21.97	21.87	21.96	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	21.94	21.82	22.00	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-	1	1	21.79	21.78	21.92	22.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 160 of 252

Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650000	Channel 652835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.78	21.85	21.83	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.93	21.82	21.98	22.50

N78 PC2_30kHz Receiver off				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	
100MHz	DFT-s-OFDM QPSK	1	1	/	16.34	/	17.00
		1	137	/	16.42	/	17.00
		1	271	/	16.11	/	17.00
		135	0	/	12.74	/	13.50
		135	69	/	16.26	/	17.00
		135	138	/	12.79	/	13.50
		270	0	/	15.50	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	15.21	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	14.71	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	16.44	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	16.20	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	16.26	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	16.40	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	16.41	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	16.40	/	17.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 161 of 252

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	16.36	16.26	16.40	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	16.43	16.23	16.47	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	16.35	16.33	16.24	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	16.40	16.30	16.21	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	16.43	16.43	16.39	17.00



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3.3 Conducted Power of NR (Ant3)

N5_15kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	836.5	/	24.50
		1	53	/	24.19	/	24.50
		1	104	/	24.15	/	24.50
		50	0	/	23.26	/	23.50
		50	28	/	24.11	/	24.50
		50	56	/	23.22	/	23.50
		100	0	/	23.21	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	23.20	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	/	167300	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	/	167300	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	/	167300	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	165300	167300	169300	24.50

N5_15kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	836.5	/	21.50
		1	53	/	21.30	/	21.50
		1	104	/	21.26	/	21.50
		50	0	/	21.09	/	21.50
		50	28	/	20.03	/	20.50
		50	56	/	21.05	/	21.50
		100	0	/	20.05	/	20.50
	DFT-s-OFDM 16QAM	1	1	/	20.15	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	/	167300	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	/	167300	/	21.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 163 of 252

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	167300	/	
10MHz	DFT-s-OFDM QPSK	1	1	/	21.17	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				165300	167300	169300	
5MHz	DFT-s-OFDM QPSK	1	1	21.34	21.31	21.36	21.50

N38_30kHz Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.62	/	20.00
		1	108	/	19.59	/	20.00
		1	214	/	19.53	/	20.00
		108	0	/	18.58	/	19.00
		108	54	/	19.54	/	20.00
		108	108	/	18.49	/	19.00
		216	0	/	18.61	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	18.48	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
40MHz	CP-OFDM QPSK	1	1	/	18.02	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	19.63	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	19.60	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	19.67	19.52	19.48	20.00

N38_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	15.52	/	16.00
		1	108	/	15.51	/	16.00
		1	214	/	15.57	/	16.00
		108	0	/	14.66	/	15.00
		108	54	/	15.62	/	16.00
		108	108	/	14.60	/	15.00
		216	0	/	14.69	/	15.00
	DFT-s-OFDM 16QAM	1	1	/	14.66	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 164 of 252

				/	519000	/	
40MHz	CP-OFDM QPSK	1	1	/	14.13	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	15.44	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	15.37	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	15.67	15.53	15.63	16.00

N38_30kHz Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	21.54	/	22.00
		1	108	/	21.47	/	22.00
		1	214	/	21.57	/	22.00
		108	0	/	20.74	/	21.00
		108	54	/	21.68	/	22.00
		108	108	/	20.62	/	21.00
		216	0	/	20.77	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.69	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
40MHz	CP-OFDM QPSK	1	1	/	20.23	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	21.45	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	21.38	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	21.59	21.58	21.58	22.00

N41 PC2_30kHz Receiver on				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel
				/	/	518598	/	/
				/	/	2592.99	/	/
100MHz	DFT-s-OFDM QPSK	1	1	/	/	23.17	/	/
		1	137	/	/	23.13	/	/
		1	271	/	/	23.15	/	/



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 165 of 252

		135	0	/	/	19.60	/	/	20.00
		135	69	/	/	22.97	/	/	23.50
		135	138	/	/	19.55	/	/	20.00
		270	0	/	/	22.17	/	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	/	22.10	/	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	21.62	/	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	23.25	/	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	/	23.06	/	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	/	23.03	/	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	23.29	23.20	23.27	23.12	23.05	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	23.30	23.14	23.25	23.10	23.26	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
40MHz	DFT-s-OFDM QPSK	1	1	23.19	23.20	23.26	23.07	23.01	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	23.05	23.12	23.31	23.30	23.05	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	23.15	23.09	23.17	23.18	23.17	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	23.10	23.19	23.15	23.14	23.19	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	23.10	23.01	23.14	23.31	23.28	23.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 166 of 252

N41 PC2_30kHz Receiver off				Conducted Power(dBm)					Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	18.15	/	/	18.50
		1	137	/	/	18.08	/	/	18.50
		1	271	/	/	18.14	/	/	18.50
		135	0	/	/	14.41	/	/	15.00
		135	69	/	/	17.92	/	/	18.50
		135	138	/	/	14.47	/	/	15.00
		270	0	/	/	17.17	/	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	/	16.94	/	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	16.49	/	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	18.10	/	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	/	18.21	/	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	/	18.02	/	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	17.98	18.16	18.21	17.95	17.95	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	18.24	18.05	18.22	18.03	18.16	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
40MHz	DFT-s-OFDM QPSK	1	1	18.07	18.08	18.24	18.13	18.11	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	18.16	18.09	18.22	18.00	18.15	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	18.11	18.16	18.03	17.99	18.07	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 167 of 252

15MHz	DFT-s-OFDM QPSK	1	1	18.24	18.20	18.01	18.18	18.23	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 499200	Channel 508902	Channel 518598	Channel 528300	Channel 538002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.07	18.14	18.20	18.04	18.10	18.50

N41 PC2_30kHz Full Power				Conducted Power(dBm)					Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	25.53	/	/	26.00
		1	137	/	/	25.74	/	/	26.00
		1	271	/	/	25.72	/	/	26.00
		135	0	/	/	21.86	/	/	22.50
		135	69	/	/	25.44	/	/	26.00
		135	138	/	/	22.02	/	/	22.50
		270	0	/	/	24.66	/	/	25.00
	DFT-s-OFDM 16QAM	1	1	/	/	24.35	/	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	23.95	/	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	25.57	/	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	/	25.72	/	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	/	25.60	/	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	25.45	25.73	25.68	25.55	25.48	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	25.80	25.51	25.82	25.48	25.63	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
40MHz	DFT-s-OFDM QPSK	1	1	25.54	25.64	25.66	25.54	25.56	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM	1	1	25.70	25.68	25.74	25.53	25.59	26.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 168 of 252

Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	25.65	25.57	25.50	25.54	25.56	26.00
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 509403	Channel 518598	Channel 527799	Channel 537000	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	25.81	25.60	25.42	25.75	25.82	26.00
Bandwidth	Modulation	RB size	RB offset	Channel 499200	Channel 508902	Channel 518598	Channel 528300	Channel 538002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	25.58	25.61	25.68	25.60	25.67	26.00

N66_15kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.21	24.33	24.23	24.50
		1	53	24.37	24.42	24.40	24.50
		1	104	24.26	24.36	24.29	24.50
		50	0	23.22	23.27	23.15	23.50
		50	28	24.23	24.30	24.23	24.50
		50	56	23.20	23.22	23.17	23.50
		100	0	23.17	23.24	23.12	23.50
20MHz	DFT-s-OFDM 16QAM	1	1	23.20	23.25	23.18	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	CP-OFDM QPSK	1	1	22.62	22.71	22.69	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.40	24.29	24.37	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.37	24.26	24.20	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	24.29	24.22	24.41	24.50

N66_15kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.77	17.82	17.78	18.00
		1	53	17.86	17.93	17.89	18.00
		1	104	17.81	17.85	17.80	18.00
		50	0	16.73	16.81	16.73	17.00
		50	28	17.70	17.77	17.73	18.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 169 of 252

		50	56	16.71	16.78	16.70	17.00
		100	0	16.71	16.78	16.70	17.00
	DFT-s-OFDM 16QAM	1	1	16.65	16.72	16.65	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	344000	349000	354000	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	343500	349000	354500	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	343000	349000	355000	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	342500	349000	355500	18.00



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3.4 Conducted Power of NR (Ant5)

N77 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	3500.01	/	24.50
		1	137	/	24.33	/	24.50
		1	271	/	24.18	/	24.50
		135	0	/	24.26	/	21.00
		135	69	/	20.67	/	24.50
		135	138	/	24.28	/	21.00
		270	0	/	20.66	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	23.30	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	631001	633334	635667	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	630668	633334	636000	24.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 171 of 252

Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.09	24.34	24.30	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 630167	Channel 633334	Channel 636501	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.30	24.23	24.14	24.50

N77 PC2_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	3500.01	/	14.50
		1	137	/	14.40	/	14.50
		1	271	/	14.34	/	14.50
		135	0	/	14.23	/	14.50
		135	69	/	10.85	/	11.00
		135	138	/	14.36	/	14.50
		270	0	/	10.86	/	11.00
	DFT-s-OFDM 16QAM	1	1	/	13.37	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	12.81	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	14.42	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	14.33	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	14.28	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	14.26	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	14.43	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	14.26	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 631001	Channel 633334	Channel 635667	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 172 of 252

30MHz	DFT-s-OFDM QPSK	1	1	14.26	14.28	14.33	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	14.45	14.48	14.47	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	14.25	14.47	14.33	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 630167	Channel 633334	Channel 636501	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	14.45	14.42	14.35	14.50

N77 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
				/	3625.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	24.28	/	24.50
		1	137	/	24.22	/	24.50
		1	271	/	24.16	/	24.50
		135	0	/	20.62	/	21.00
		135	69	/	24.38	/	24.50
		135	138	/	20.75	/	21.00
		270	0	/	23.26	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	23.45	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
100MHz	CP-OFDM QPSK	1	1	/	22.90	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	24.41	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	24.19	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	24.16	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	24.41	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638333	641667	645000	
50MHz	DFT-s-OFDM	1	1	24.22	24.20	24.19	24.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 173 of 252

	QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel 637667	Channel 641667	Channel 645667	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.23	24.21	24.20	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 637667	Channel 641667	Channel 645667	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.29	24.22	24.32	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 637333	Channel 641667	Channel 646000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.06	24.05	24.09	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 637167	Channel 641667	Channel 646167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.11	24.34	24.29	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 637000	Channel 641666 641667	Channel 646333	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.32	24.23	24.13	24.50

N77 PC2_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
				/	3625.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	14.38	/	14.50
		1	137	/	14.38	/	14.50
		1	271	/	14.13	/	14.50
		135	0	/	10.80	/	11.00
		135	69	/	14.46	/	14.50
		135	138	/	10.95	/	11.00
		270	0	/	13.33	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	13.38	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	12.88	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	14.49	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	14.40	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	14.35	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 174 of 252

				/	641667	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	14.33	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 638333	Channel 641667	Channel 645000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	14.45	14.43	14.42	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 637667	Channel 641667	Channel 645667	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	14.28	14.26	14.25	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 637667	Channel 641667	Channel 645667	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	14.28	14.28	14.32	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 637333	Channel 641667	Channel 646000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	14.47	14.48	14.46	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 637167	Channel 641667	Channel 646167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	14.27	14.47	14.32	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 637000	Channel 641666	Channel 646333	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	14.47	14.42	14.34	14.50

N77 PC2 30kHz Full Power/Receiver on				Conducted Power(dBm)						Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
				/	/	654800	657200	/	/	
				/	/	3822.00	3858.00	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	24.35	24.35	/	/	24.50
		1	137	/	/	24.31	24.18	/	/	24.50
		1	271	/	/	24.33	24.15	/	/	24.50
		135	0	/	/	20.80	20.66	/	/	21.00
		135	69	/	/	24.31	24.32	/	/	24.50
		135	138	/	/	20.76	20.70	/	/	21.00
		270	0	/	/	23.46	23.29	/	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	/	23.40	23.24	/	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	22.86	22.79	/	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	24.16	24.06	/	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-	1	1	24.23	24.08	24.14	24.19	24.21	24.04	24.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 175 of 252

	OFDM QPSK									
Bandwidth	Modulation	RB size	RB offset	Channel 649001	Channel 651800	Channel 654601	Channel 657401	Channel 660200	Channel 662999	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	24.15	24.20	24.26	24.07	24.04	24.08	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.22	24.17	24.22	24.06	24.04	24.02	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.16	24.20	24.27	24.10	24.14	24.19	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.19	24.24	24.13	24.22	24.09	24.08	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.22	24.08	24.22	24.07	24.21	24.03	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	24.11	24.22	24.08	24.18	24.02	24.06	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.17	24.25	24.27	24.20	24.05	24.19	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.14	24.28	24.14	24.06	24.10	24.16	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.28	24.27	24.12	24.17	24.08	24.15	24.50

N77 PC2_30kHz Receiver off				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	/	654800	657200	/	/
		1	137	/	/	3822.00	3858.00	/	/
		1	271	/	/	14.42	14.43	/	/
		135	0	/	/	14.34	14.25	/	/
		135	69	/	/	14.41	14.24	/	/
		135	138	/	/	10.94	10.87	/	/
		270	0	/	/	14.22	14.37	/	/
	DFT-s-OFDM	1	1	/	/	10.94	10.91	/	/
						13.48	13.27	/	/
						13.42	13.38	/	/



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 176 of 252

	16QAM									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	12.88	12.89	/	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	14.31	14.25	/	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	14.32	14.40	14.34	14.31	14.25	14.21	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	14.36	14.36	14.36	14.20	14.24	14.37	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	14.27	14.29	14.27	14.27	14.18	14.18	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	14.40	14.37	14.33	14.34	14.20	14.36	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	14.27	14.27	14.24	14.38	14.38	14.20	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	14.40	14.23	14.32	14.23	14.32	14.34	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647499	650900	654298	657699	661100	664501	
25MHz	DFT-s-OFDM QPSK	1	1	14.31	14.40	14.34	14.19	14.19	14.24	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	14.30	14.29	14.25	14.22	14.20	14.35	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647165	650700	654230	657765	661300	664835	
15MHz	DFT-s-OFDM QPSK	1	1	14.38	14.24	14.29	14.30	14.26	14.23	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				646998	650600	654196	657798	661400	665002	
10MHz	DFT-s-OFDM QPSK	1	1	14.37	14.32	14.43	14.25	14.29	14.33	14.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 177 of 252

N78 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	3500.01	/	23.50
		1	137	/	23.30	/	23.50
		1	271	/	23.45	/	23.50
		135	0	/	23.42	/	23.50
		135	69	/	19.79	/	20.00
		135	138	/	23.36	/	23.50
		270	0	/	19.80	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	22.40	/	22.50
		1	1	/	22.42	/	22.50
		1	1	/	22.42	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	631001	633334	635667	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	630668	633334	636000	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-	1	1	630334	633334	636334	23.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 178 of 252

	OFDM QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel 630001	Channel 633334	Channel 636668	Tune up
10MHz	DFT-s- OFDM QPSK	1	1	23.43	23.21	23.39	23.50

N78 PC2_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
				/	3500.01	/	
100MHz	DFT-s- OFDM QPSK	1	1	/	14.40	/	14.50
		1	137	/	14.50	/	14.50
		1	271	/	14.42	/	14.50
		135	0	/	10.96	/	11.00
		135	69	/	14.42	/	14.50
		135	138	/	10.88	/	11.00
		270	0	/	13.33	/	13.50
	DFT-s- OFDM 16QAM	1	1	/	13.39	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	12.86	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
90MHz	DFT-s- OFDM QPSK	1	1	/	14.41	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
80MHz	DFT-s- OFDM QPSK	1	1	/	14.31	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
70MHz	DFT-s- OFDM QPSK	1	1	/	14.43	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
60MHz	DFT-s- OFDM QPSK	1	1	/	14.47	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
50MHz	DFT-s- OFDM QPSK	1	1	/	14.42	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
40MHz	DFT-s- OFDM QPSK	1	1	/	14.32	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 631001	Channel 633334	Channel 635667	Tune up
30MHz	DFT-s- OFDM QPSK	1	1	14.43	14.40	14.30	14.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 179 of 252

Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	14.30	14.49	14.48	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	14.29	14.44	14.40	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 630001	Channel 633334	Channel 636668	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	14.32	14.40	14.42	14.50

N78 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	23.06	/	23.50
		1	137	/	23.17	/	23.50
		1	271	/	23.07	/	23.50
		135	0	/	19.58	/	20.00
		135	69	/	23.10	/	23.50
		135	138	/	19.53	/	20.00
		270	0	/	22.19	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	22.12	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	21.62	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	23.08	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	23.16	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	23.24	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	23.18	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 638333	Channel 641667	Channel 645000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	23.21	23.26	23.22	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 637667	Channel 641667	Channel 645667	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 180 of 252

40MHz	DFT-s-OFDM QPSK	1	1	23.05	23.18	23.07	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 637667	Channel 641667	Channel 645667	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	23.19	23.04	22.94	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 637333	Channel 641667	Channel 646000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.21	23.06	23.16	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 637167	Channel 641667	Channel 646167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.22	23.00	23.07	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 637000	Channel 641666	Channel 646333	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.01	23.12	23.15	23.50

N78 PC2_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
				/	3625.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	14.18	/	14.50
		1	137	/	14.15	/	14.50
		1	271	/	14.18	/	14.50
		135	0	/	10.51	/	11.00
		135	69	/	14.04	/	14.50
		135	138	/	10.48	/	11.00
		270	0	/	13.14	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	12.99	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
100MHz	CP-OFDM QPSK	1	1	/	12.51	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	14.07	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	14.27	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
70MHz	DFT-s-OFDM QPSK	1	1	#VALUE!	14.22	#VALUE!	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
60MHz	DFT-s-OFDM	1	1	/	14.33	/	14.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 181 of 252

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	QPSK			638333	641667	645000	
50MHz	DFT-s-OFDM QPSK	1	1	14.05	14.19	14.17	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637667	641667	645667	
40MHz	DFT-s-OFDM QPSK	1	1	14.19	14.19	14.15	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637667	641667	645667	
30MHz	DFT-s-OFDM QPSK	1	1	14.22	14.30	14.13	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637333	641667	646000	
20MHz	DFT-s-OFDM QPSK	1	1	14.21	14.13	14.32	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637167	641667	646167	
15MHz	DFT-s-OFDM QPSK	1	1	14.28	14.28	14.37	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646333	
10MHz	DFT-s-OFDM QPSK	1	1	14.16	14.35	14.29	14.50

N78 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	23.25	/	23.50
		1	137	/	23.32	/	23.50
		1	271	/	23.27	/	23.50
		135	0	/	19.70	/	20.00
		135	69	/	23.21	/	23.50
		135	138	/	19.70	/	20.00
		270	0	/	22.33	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	22.31	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	21.79	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	23.25	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	23.28	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 182 of 252

				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	23.34	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	23.38	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	23.36	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	23.34	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	23.32	23.19	23.11	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	23.37	23.23	23.26	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	23.39	23.16	23.25	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	23.11	23.23	23.29	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	23.15	23.10	23.18	23.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 183 of 252

N78 PC2_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	14.38	/	14.50
		1	137	/	14.34	/	14.50
		1	271	/	14.28	/	14.50
		135	0	/	10.67	/	11.00
		135	69	/	14.18	/	14.50
		135	138	/	10.63	/	11.00
	270	0	/	13.30	/	13.50	
	DFT-s-OFDM 16QAM	1	1	/	13.16	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	12.64	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	14.26	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	14.44	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	14.40	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	14.33	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	14.33	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	14.36	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	14.37	14.41	14.31	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	14.33	14.31	14.46	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 184 of 252

20MHz	DFT-s-OFDM QPSK	1	1	14.43	14.46	14.47	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650000	Channel 652835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	14.28	14.50	14.47	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	14.39	14.24	14.29	14.50



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3.5 Conducted Power of NR (Ant8)

N77 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	3500.01	/	26.50
		1	137	/	26.24	/	26.50
		1	271	/	26.26	/	26.50
		135	0	/	22.62	/	23.00
		135	69	/	26.24	/	26.50
		135	138	/	22.60	/	23.00
		270	0	/	25.38	/	25.50
	DFT-s-OFDM 16QAM	1	1	/	25.32	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	631001	633334	635667	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	630668	633334	636000	26.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 186 of 252

Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	26.14	26.38	26.12	26.50
Bandwidth	Modulation	RB size	RB offset	Channel 630167	Channel 633334	Channel 636501	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	26.20	26.15	26.38	26.50

N77 PC2_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	3500.01	/	19.50
		1	137	/	19.40	/	19.50
		1	271	/	19.29	/	19.50
		135	0	/	19.30	/	16.00
		135	69	/	15.82	/	19.50
		135	138	/	19.31	/	16.00
		270	0	/	15.82	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	18.45	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	17.73	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	19.42	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	19.46	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	19.46	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	19.31	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	19.40	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	19.27	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 631001	Channel 633334	Channel 635667	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 187 of 252

30MHz	DFT-s-OFDM QPSK	1	1	19.34	19.36	19.39	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.31	19.30	19.50	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.37	19.50	19.26	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 630167	Channel 633334	Channel 636501	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.40	19.39	19.40	19.50

N77 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
				/	3625.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	26.44	/	26.50
		1	137	/	26.19	/	26.50
		1	271	/	26.33	/	26.50
		135	0	/	22.68	/	23.00
		135	69	/	26.23	/	26.50
		135	138	/	22.56	/	23.00
		270	0	/	25.29	/	25.50
	DFT-s-OFDM 16QAM	1	1	/	25.23	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
100MHz	CP-OFDM QPSK	1	1	/	24.86	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	26.33	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	26.24	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	26.29	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	26.15	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638333	641667	645000	
50MHz	DFT-s-OFDM	1	1	26.37	26.34	26.26	26.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 188 of 252

	QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel 637667	Channel 641667	Channel 645667	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	26.41	26.38	26.30	26.50
Bandwidth	Modulation	RB size	RB offset	Channel 637667	Channel 641667	Channel 645667	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	26.27	26.15	26.28	26.50
Bandwidth	Modulation	RB size	RB offset	Channel 637333	Channel 641667	Channel 646000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	26.47	26.37	26.30	26.50
Bandwidth	Modulation	RB size	RB offset	Channel 637167	Channel 641667	Channel 646167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	26.23	26.44	26.10	26.50
Bandwidth	Modulation	RB size	RB offset	Channel 637000	Channel 641666 641667	Channel 646333	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	26.29	26.21	26.36	26.50

N77 PC2_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
				/	3625.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	19.42	/	19.50
		1	137	/	19.24	/	19.50
		1	271	/	19.37	/	19.50
		135	0	/	15.88	/	16.00
		135	69	/	19.30	/	19.50
		135	138	/	15.78	/	16.00
		270	0	/	18.36	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	18.19	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	17.75	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	19.44	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	19.48	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	19.48	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 189 of 252

				/	641667	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	19.33	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 638333	Channel 641667	Channel 645000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	19.49	19.46	19.38	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 637667	Channel 641667	Channel 645667	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.36	19.33	19.25	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 637667	Channel 641667	Channel 645667	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.43	19.42	19.37	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 637333	Channel 641667	Channel 646000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.40	19.36	19.48	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 637167	Channel 641667	Channel 646167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.46	19.46	19.24	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 637000	Channel 641666	Channel 646333	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.49	19.45	19.38	19.50

N77 PC2 30kHz Full Power/Receiver on				Conducted Power(dBm)						Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	
				/	/	654800	657200	/	/	
				/	/	3822.00	3858.00	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	26.40	26.41	/	/	26.50
		1	137	/	/	26.39	26.31	/	/	26.50
		1	271	/	/	26.24	26.21	/	/	26.50
		135	0	/	/	22.68	22.63	/	/	23.00
		135	69	/	/	26.28	26.31	/	/	26.50
		135	138	/	/	22.54	22.57	/	/	23.00
		270	0	/	/	25.44	25.41	/	/	25.50
	DFT-s-OFDM 16QAM	1	1	/	/	25.26	25.34	/	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	24.74	24.80	/	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	26.31	26.34	/	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-	1	1	26.32	26.34	26.24	26.19	26.17	26.20	26.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 190 of 252

	OFDM QPSK									
Bandwidth	Modulation	RB size	RB offset	Channel 649001	Channel 651800	Channel 654601	Channel 657401	Channel 660200	Channel 662999	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	26.37	26.22	26.30	26.26	26.18	26.22	26.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	26.26	26.35	26.21	26.23	26.23	26.32	26.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	26.31	26.23	26.20	26.27	26.27	26.34	26.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	26.39	26.36	26.30	26.20	26.27	26.24	26.50
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	26.21	26.25	26.22	26.23	26.29	26.21	26.50
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	26.23	26.31	26.38	26.21	26.33	26.31	26.50
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	26.31	26.25	26.21	26.19	26.20	26.16	26.50
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	26.38	26.21	26.20	26.17	26.18	26.26	26.50
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	26.26	26.34	26.28	26.32	26.31	26.19	26.50

N77 PC2_30kHz Receiver off				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654800	657200	/	/	
				/	/	3822.00	3858.00	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	19.31	19.38	/	/	19.50
		1	137	/	/	19.25	19.32	/	/	19.50
		1	271	/	/	19.20	19.22	/	/	19.50
		135	0	/	/	15.79	15.63	/	/	16.00
		135	69	/	/	19.32	19.18	/	/	19.50
		135	138	/	/	15.82	15.72	/	/	16.00
		270	0	/	/	18.34	18.46	/	/	18.50
	DFT-s-OFDM	1	1	/	/	18.30	18.18	/	/	18.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 191 of 252

	16QAM									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	17.81	17.71	/	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	19.22	19.30	/	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	19.19	19.31	19.28	19.26	19.19	19.19	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	19.25	19.34	19.18	19.26	19.18	19.19	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	19.28	19.29	19.29	19.19	19.27	19.15	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	19.34	19.19	19.18	19.28	19.29	19.22	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	19.20	19.26	19.15	19.21	19.17	19.19	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	19.26	19.25	19.28	19.24	19.30	19.11	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647499	650900	654298	657699	661100	664501	
25MHz	DFT-s-OFDM QPSK	1	1	19.32	19.24	19.15	19.22	19.20	19.22	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	19.19	19.28	19.31	19.13	19.20	19.28	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647165	650700	654230	657765	661300	664835	
15MHz	DFT-s-OFDM QPSK	1	1	19.18	19.21	19.25	19.26	19.25	19.24	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				646998	650600	654196	657798	661400	665002	
10MHz	DFT-s-OFDM QPSK	1	1	19.30	19.28	19.19	19.17	19.14	19.14	19.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 192 of 252

N78 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	3500.01	/	26.50
		1	137	/	26.16	/	26.50
		1	271	/	26.19	/	26.50
		135	0	/	26.10	/	23.00
		135	69	/	22.54	/	26.50
		135	138	/	26.19	/	23.00
		270	0	/	22.45	/	25.50
	DFT-s-OFDM 16QAM	1	1	/	25.25	/	25.50
	CP-OFDM QPSK	1	1	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	24.67	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	26.09	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	26.01	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	26.24	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	26.22	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	26.19	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	26.02	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	26.26	26.04	26.23	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	26.17	26.01	26.29	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-	1	1	26.31	26.04	26.16	26.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 193 of 252

	OFDM QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel 630001	Channel 633334	Channel 636668	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	26.14	26.21	26.28	26.50

N78 PC2_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	19.20	/	19.50
		1	137	/	19.16	/	19.50
		1	271	/	19.06	/	19.50
		135	0	/	15.65	/	16.00
		135	69	/	19.13	/	19.50
		135	138	/	15.65	/	16.00
		270	0	/	18.30	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	18.12	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.67	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	19.06	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	19.09	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	19.22	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	19.12	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	19.16	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.12	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.24	19.20	19.11	19.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 194 of 252

Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.12	19.15	19.20	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.25	19.10	19.31	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 630001	Channel 633334	Channel 636668	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.08	19.08	19.15	19.50

N78 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	26.32	/	26.50
		1	137	/	26.00	/	26.50
		1	271	/	26.23	/	26.50
		135	0	/	22.48	/	23.00
		135	69	/	26.11	/	26.50
		135	138	/	22.38	/	23.00
		270	0	/	25.19	/	25.50
	DFT-s-OFDM 16QAM	1	1	/	25.03	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	24.70	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	26.22	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	26.04	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	26.13	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 641667	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	26.05	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel 638333	Channel 641667	Channel 645000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	26.19	26.16	26.08	26.50
Bandwidth	Modulation	RB size	RB offset	Channel 637667	Channel 641667	Channel 645667	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 195 of 252

40MHz	DFT-s-OFDM QPSK	1	1	26.25	26.22	26.19	26.50
Bandwidth	Modulation	RB size	RB offset	Channel 637667	Channel 641667	Channel 645667	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	26.11	25.98	26.13	26.50
Bandwidth	Modulation	RB size	RB offset	Channel 637333	Channel 641667	Channel 646000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	26.31	26.19	26.11	26.50
Bandwidth	Modulation	RB size	RB offset	Channel 637167	Channel 641667	Channel 646167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	26.07	26.24	25.95	26.50
Bandwidth	Modulation	RB size	RB offset	Channel 637000	Channel 641666	Channel 646333	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	26.12	26.02	26.22	26.50

N78 PC2_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
				/	3625.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	19.28	/	19.50
		1	137	/	19.07	/	19.50
		1	271	/	19.27	/	19.50
		135	0	/	15.69	/	16.00
		135	69	/	19.12	/	19.50
		135	138	/	15.67	/	16.00
		270	0	/	18.26	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	18.09	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
100MHz	CP-OFDM QPSK	1	1	/	17.57	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	19.25	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	19.36	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	19.29	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
60MHz	DFT-s-OFDM	1	1	/	19.15	/	19.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 196 of 252

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	QPSK			638333	641667	645000	
50MHz	DFT-s-OFDM QPSK	1	1	19.35	19.28	19.28	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637667	641667	645667	
40MHz	DFT-s-OFDM QPSK	1	1	19.25	19.20	19.11	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637667	641667	645667	
30MHz	DFT-s-OFDM QPSK	1	1	19.24	19.32	19.17	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637333	641667	646000	
20MHz	DFT-s-OFDM QPSK	1	1	19.20	19.21	19.36	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637167	641667	646167	
15MHz	DFT-s-OFDM QPSK	1	1	19.29	19.33	19.06	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666	646333	
10MHz	DFT-s-OFDM QPSK	1	1	19.36	19.31	19.28	19.50

N78 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	26.12	/	26.50
		1	137	/	26.20	/	26.50
		1	271	/	26.23	/	26.50
		135	0	/	22.48	/	23.00
		135	69	/	26.19	/	26.50
		135	138	/	22.55	/	23.00
		270	0	/	25.21	/	25.50
	DFT-s-OFDM 16QAM	1	1	/	25.15	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	24.62	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	26.17	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	26.26	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 197 of 252

				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	26.01	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	26.05	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	26.02	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	26.13	/	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	26.01	26.17	26.11	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	26.17	26.04	26.14	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	26.09	26.20	26.23	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	26.27	26.23	26.13	26.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	25.98	26.19	26.03	26.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 198 of 252

N78 PC2_30kHz Receiver off				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	19.33	/	19.50
		1	137	/	19.24	/	19.50
		1	271	/	19.19	/	19.50
		135	0	/	15.70	/	16.00
		135	69	/	19.21	/	19.50
		135	138	/	15.67	/	16.00
		270	0	/	18.23	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	18.23	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	17.78	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	19.44	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	19.44	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	19.46	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	19.29	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	19.46	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	19.20	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	19.33	19.34	19.25	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	19.41	19.33	19.24	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 199 of 252

20MHz	DFT-s-OFDM QPSK	1	1	19.40	19.21	19.34	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647167	Channel 650000	Channel 652835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.48	19.29	19.34	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.42	19.39	19.30	19.50



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3.6 Conducted Power of NR (Ant9)

N2_15kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	23.50	23.60	23.60	24.00
		1	53	23.32	23.43	23.25	24.00
		1	104	23.24	23.34	23.21	24.00
		50	0	22.49	22.39	22.40	23.00
		50	28	23.44	23.46	23.35	24.00
		50	56	22.54	22.47	22.50	23.00
		100	0	22.34	22.37	22.40	23.00
	DFT-s-OFDM 16QAM	1	1	22.53	22.51	22.57	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	21.98	21.97	22.04	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	23.42	23.64	23.73	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	23.13	23.35	23.19	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz	DFT-s-OFDM QPSK	1	1	23.53	23.48	23.53	24.00

N2_15kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM QPSK	1	1	18.94	19.10	19.16	19.50
		1	53	18.74	18.91	18.79	19.50
		1	104	18.70	18.82	18.73	19.50
		50	0	17.80	17.97	17.91	18.50
		50	28	18.84	18.95	18.92	19.50
		50	56	17.85	17.96	17.93	18.50
		100	0	17.80	17.91	17.93	18.50
	DFT-s-OFDM 16QAM	1	1	17.88	17.93	17.92	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	38000	
20MHz	CP-OFDM QPSK	1	1	17.40	17.38	17.44	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	18.97	19.06	19.25	19.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 201 of 252

Bandwidth	Modulation	RB size	RB offset	Channel 371000	Channel 376000	Channel 381000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.64	18.85	18.79	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 370500	Channel 376000	Channel 381500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	18.89	19.17	19.27	19.50

N7_15kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.00	23.09	23.08	23.50
		1	53	22.83	22.76	22.85	23.50
		1	104	22.87	22.84	22.92	23.50
		50	0	21.85	21.89	21.95	22.50
		50	28	22.76	22.83	22.83	23.50
		50	56	21.99	21.98	21.95	22.50
		100	0	21.78	21.70	21.77	22.50
	DFT-s-OFDM 16QAM	1	1	21.85	21.87	21.84	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	CP-OFDM QPSK	1	1	21.33	21.38	21.39	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.96	23.07	23.20	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.04	22.97	23.23	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.00	23.05	23.12	23.50

N7_15kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.07	16.08	16.04	16.50
		1	53	15.87	15.75	15.83	16.50
		1	104	15.83	15.86	15.96	16.50
		50	0	14.84	14.85	14.86	15.50
		50	28	15.81	15.88	15.84	16.50
		50	56	14.80	14.86	14.88	15.50
		100	0	14.71	14.63	14.67	15.50
	DFT-s-OFDM 16QAM	1	1	14.84	14.83	14.85	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 202 of 252

				502000	507000	512000	
20MHz	CP-OFDM QPSK	1	1	14.35	14.34	14.37	15.00
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	15.99	15.94	16.11	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	15.92	16.03	16.15	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	15.85	15.96	16.03	16.50

N25_15kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 372000 1860	Channel 376500 1882.5	Channel 381000 1905	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.43	23.52	23.39	24.00
		1	53	23.47	23.40	23.49	24.00
		1	104	23.54	23.65	23.56	24.00
		50	0	22.67	22.45	22.50	23.00
		50	28	23.47	23.50	23.48	24.00
		50	56	22.46	22.48	22.47	23.00
		100	0	22.66	22.49	22.69	23.00
	DFT-s-OFDM 16QAM	1	1	22.45	22.58	22.66	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 372000	Channel 376500	Channel 381000	Tune up
20MHz	CP-OFDM QPSK	1	1	22.06	22.10	22.13	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 371500	Channel 376500	Channel 381500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.67	23.66	23.50	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 371000	Channel 376500	Channel 382000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.47	23.42	23.52	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 370500	Channel 376500	Channel 382500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.62	23.39	23.57	24.00

N25_15kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 372000 1860	Channel 376500 1882.5	Channel 381000 1905	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.05	19.10	19.12	19.50
		1	53	18.82	18.83	18.89	19.50
		1	104	19.12	19.23	19.21	19.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 203 of 252

		50	0	18.11	18.07	18.11	18.50
		50	28	19.02	19.05	19.01	19.50
		50	56	18.05	18.10	18.08	18.50
		100	0	18.02	18.05	18.05	18.50
	DFT-s-OFDM 16QAM	1	1	18.11	18.05	18.12	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376500	381000	
20MHz	CP-OFDM QPSK	1	1	17.57	17.54	17.59	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376500	381500	
15MHz	DFT-s-OFDM QPSK	1	1	19.16	19.05	19.00	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376500	382000	
10MHz	DFT-s-OFDM QPSK	1	1	19.18	19.21	19.21	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376500	382500	
5MHz	DFT-s-OFDM QPSK	1	1	19.20	19.08	18.95	19.50

N38_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
				/	2595	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	23.71	/	24.00
		1	108	/	23.58	/	24.00
		1	214	/	23.62	/	24.00
		108	0	/	22.72	/	23.00
		108	54	/	23.65	/	24.00
		108	108	/	22.71	/	23.00
		216	0	/	22.63	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	22.63	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
40MHz	CP-OFDM QPSK	1	1	/	22.16	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	23.84	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	23.78	/	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	23.61	23.75	23.72	24.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 204 of 252

N38_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	519000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	2595	/	14.50
		1	108	/	14.20	/	14.50
		1	214	/	14.17	/	14.50
		108	0	/	14.13	/	14.50
		108	54	/	13.11	/	14.50
		108	108	/	14.08	/	14.50
		108	108	/	13.04	/	13.50
		216	0	/	13.06	/	13.50
40MHz	DFT-s-OFDM 16QAM	1	1	/	13.08	/	13.50
		1	1	/	13.08	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	/	519000	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	519000	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	519000	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	515000	519000	523000	14.50

N40_30kHz Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	470000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	2360	/	22.00
		1	109	/	21.84	/	22.00
		1	215	/	21.72	/	22.00
		108	0	/	21.83	/	22.00
		108	55	/	20.61	/	21.00
		108	109	/	21.72	/	22.00
		108	109	/	20.71	/	21.00
		216	0	/	20.64	/	21.00
80MHz	DFT-s-OFDM 16QAM	1	1	/	20.73	/	21.00
		1	1	/	20.73	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	CP-OFDM QPSK	1	1	/	470000	/	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	470000	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				466000	470000	474000	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 205 of 252

60MHz	DFT-s-OFDM QPSK	1	1	/	21.97	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 465000	Channel 470000	Channel 475000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.70	21.94	21.76	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 464000	Channel 470000	Channel 476000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.85	21.73	21.91	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 463000	Channel 470000	Channel 477000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.75	21.97	21.84	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 462000	Channel 470000	Channel 478000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.83	21.78	21.73	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 461000	Channel 470000	Channel 479000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.82	21.70	21.96	22.00

N40_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	470000	/	
				/	2360	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	16.38	/	16.50
		1	109	/	16.29	/	16.50
		1	215	/	16.27	/	16.50
		108	0	/	15.16	/	15.50
		108	55	/	16.21	/	16.50
		108	109	/	15.21	/	15.50
		216	0	/	15.22	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	15.20	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	470000	/	
80MHz	CP-OFDM QPSK	1	1	/	14.74	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	470000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	16.29	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				466000	470000	474000	
60MHz	DFT-s-OFDM QPSK	1	1	/	16.40	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				465000	470000	475000	
50MHz	DFT-s-OFDM	1	1	16.34	16.40	16.46	16.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 206 of 252

Bandwidth	Modulation	RB size	RB offset	Channel 464000	Channel 470000	Channel 476000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.24	16.33	16.32	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 463000	Channel 470000	Channel 477000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.41	16.35	16.49	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 462000	Channel 470000	Channel 478000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.38	16.23	16.30	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 461000	Channel 470000	Channel 479000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.29	16.39	16.24	16.50

N40_30kHz Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 470000	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	2360	/	24.50
		1	109	/	24.22	/	24.50
		1	215	/	24.33	/	24.50
		108	0	/	23.11	/	23.50
		108	55	/	24.22	/	24.50
		108	109	/	23.21	/	23.50
		216	0	/	23.14	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	23.23	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 470000	Channel /	Tune up
80MHz	CP-OFDM QPSK	1	1	/	22.77	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 470000	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	24.37	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 466000	Channel 470000	Channel 474000	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	24.47	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 465000	Channel 470000	Channel 475000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.20	24.44	24.26	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 464000	Channel 470000	Channel 476000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.35	24.23	24.41	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 207 of 252

				463000	470000	477000	
30MHz	DFT-s-OFDM QPSK	1	1	24.25	24.47	24.34	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 462000	Channel 470000	Channel 478000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.33	24.28	24.23	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 461000	Channel 470000	Channel 479000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.32	24.20	24.46	24.50

N41 PC2_30kHz Receiver on				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	24.15	/	/	24.50
		1	137	/	/	24.05	/	/	24.50
		1	271	/	/	24.09	/	/	24.50
		135	0	/	/	20.37	/	/	21.00
		135	69	/	/	24.06	/	/	24.50
		135	138	/	/	20.38	/	/	21.00
		270	0	/	/	23.18	/	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	/	23.17	/	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	22.69	/	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	24.04	/	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	/	23.95	/	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	/	23.98	/	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	24.10	24.18	24.02	24.07	24.12	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	24.15	24.06	24.16	24.12	24.01	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
40MHz	DFT-s-	1	1	24.19	23.97	24.08	23.92	23.90	24.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 208 of 252

Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.20	24.11	23.92	24.14	24.16	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.97	24.08	24.05	23.93	24.09	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 509403	Channel 518598	Channel 527799	Channel 537000	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.95	23.91	23.93	23.93	24.11	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 499200	Channel 508902	Channel 518598	Channel 528300	Channel 538002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.04	24.18	24.05	24.19	24.20	24.50

N41 PC2_30kHz Receiver off				Conducted Power(dBm)					Tune up
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	14.16	/	/	14.50
		1	137	/	/	14.10	/	/	14.50
		1	271	/	/	14.15	/	/	14.50
		135	0	/	/	10.58	/	/	11.00
		135	69	/	/	14.08	/	/	14.50
		135	138	/	/	10.56	/	/	11.00
		270	0	/	/	13.10	/	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	/	13.11	/	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	/	518598	/	/	13.00
				/	/	518598	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	14.01	/	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	/	13.97	/	/	14.50
				/	/	518598	/	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	/	14.12	/	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	13.98	14.15	13.98	13.96	14.18	14.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 209 of 252

Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	14.06	14.08	14.20	14.05	14.11	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	14.23	14.13	14.11	14.15	14.15	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	14.16	14.25	14.24	13.98	14.18	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	14.24	13.97	13.98	14.25	13.95	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 509403	Channel 518598	Channel 527799	Channel 537000	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	14.18	13.96	14.06	14.13	14.02	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 499200	Channel 508902	Channel 518598	Channel 528300	Channel 538002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	14.22	14.13	14.23	14.23	14.13	14.50

N41 PC2_30kHz Full Power				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
				/	/	2592.99	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	25.55	/	/	26.00
		1	137	/	/	25.65	/	/	26.00
		1	271	/	/	25.59	/	/	26.00
		135	0	/	/	21.87	/	/	22.50
		135	69	/	/	25.56	/	/	26.00
		135	138	/	/	21.88	/	/	22.50
		270	0	/	/	24.68	/	/	25.00
	DFT-s-OFDM 16QAM	1	1	/	/	24.67	/	/	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	24.19	/	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	25.54	/	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	/	25.45	/	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	518598	/	/	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 210 of 252

70MHz	DFT-s-OFDM QPSK	1	1	/	/	25.48	/	/	26.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	25.60	25.68	25.52	25.57	25.62	26.00
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	25.65	25.56	25.66	25.62	25.51	26.00
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	25.69	25.47	25.58	25.42	25.40	26.00
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	25.70	25.61	25.42	25.64	25.66	26.00
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	25.47	25.58	25.55	25.43	25.59	26.00
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 509403	Channel 518598	Channel 527799	Channel 537000	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	25.45	25.41	25.43	25.43	25.61	26.00
Bandwidth	Modulation	RB size	RB offset	Channel 499200	Channel 508902	Channel 518598	Channel 528300	Channel 538002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	25.54	25.68	25.55	25.69	25.70	26.00

N66_15kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	1720	1745	1770	
		1	53	23.44	23.53	23.41	24.00
		1	104	23.31	23.33	23.26	24.00
		1	104	23.13	23.25	23.16	24.00
		50	0	22.32	22.41	22.32	23.00
		50	28	23.43	23.45	23.38	24.00
		50	56	22.21	22.32	22.21	23.00
		100	0	22.44	22.53	22.44	23.00
	DFT-s-OFDM 16QAM	1	1	22.46	22.50	22.39	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	CP-OFDM QPSK	1	1	21.84	21.95	21.86	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM	1	1	23.46	23.41	23.39	24.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 211 of 252

Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.65	23.41	23.44	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.62	23.58	23.67	24.00

N66_15kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 344000 1720	Channel 349000 1745	Channel 354000 1770	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.00	18.05	17.96	18.50
		1	53	17.86	17.88	17.83	18.50
		1	104	17.78	17.83	17.79	18.50
		50	0	17.01	17.04	16.99	17.50
		50	28	18.02	18.04	17.95	18.50
		50	56	17.02	17.04	16.99	17.50
		100	0	16.98	17.05	17.03	17.50
	DFT-s-OFDM 16QAM	1	1	16.92	16.99	16.96	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	CP-OFDM QPSK	1	1	16.49	16.51	16.46	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.95	17.99	18.01	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.17	18.07	17.99	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	18.14	18.13	18.01	18.50



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3.7 Conducted Power of NR (Ant10)

N77 PC2_30kHz Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	3500.01	/	24.50
		1	137	/	24.00	/	24.50
		1	271	/	23.94	/	24.50
		135	0	/	23.94	/	21.00
		135	69	/	20.24	/	24.50
		135	138	/	23.94	/	21.00
		270	0	/	20.17	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	23.18	/	22.90
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	631001	633334	635667	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-	1	1	630668	633334	636000	24.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 213 of 252

Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.74	23.88	24.04	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 630167	Channel 633334	Channel 636501	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.96	24.01	24.03	24.50

N77 PC2_30kHz Receiver on				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	
100MHz	DFT-s-OFDM QPSK	1	1	/	17.03	/	17.50
		1	137	/	17.01	/	17.50
		1	271	/	16.99	/	17.50
		135	0	/	13.25	/	14.00
		135	69	/	16.96	/	17.50
		135	138	/	13.23	/	14.00
		270	0	/	16.10	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.99	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	15.49	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	16.82	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	16.92	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	17.00	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	16.90	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	16.92	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	16.96	/	17.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 214 of 252

Bandwidth	Modulation	RB size	RB offset	Channel 631001	Channel 633334	Channel 635667	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.99	16.95	17.02	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.98	17.03	16.83	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.74	16.85	16.99	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 630167	Channel 633334	Channel 636501	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.87	16.98	16.95	17.50

N77 PC2_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	3500.01	/	13.50
		1	137	/	13.06	/	13.50
		1	271	/	13.02	/	13.50
		135	0	/	13.05	/	13.50
		135	69	/	9.54	/	10.00
		135	138	/	13.01	/	13.50
		270	0	/	9.50	/	10.00
	DFT-s-OFDM 16QAM	1	1	/	12.06	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	11.55	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	12.90	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	12.98	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	12.88	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	13.06	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 215 of 252

50MHz	DFT-s-OFDM QPSK	1	1	/	12.91	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	12.87	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	12.90	12.97	12.87	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	12.93	13.01	13.08	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	13.03	13.14	13.17	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630167	633334	636501	
10MHz	DFT-s-OFDM QPSK	1	1	12.99	12.96	13.01	13.50

N77 PC2_30kHz Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
				/	3625.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	23.96	/	24.50
		1	137	/	23.87	/	24.50
		1	271	/	23.93	/	24.50
		135	0	/	20.22	/	21.00
		135	69	/	23.93	/	24.50
		135	138	/	20.08	/	21.00
		270	0	/	23.12	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	22.80	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
100MHz	CP-OFDM QPSK	1	1	/	22.58	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	23.96	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	24.09	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
70MHz	DFT-s-OFDM	1	1	/	24.07	/	24.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 216 of 252

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	641667	/	24.50
50MHz	DFT-s-OFDM QPSK	1	1	23.95	23.83	23.85	24.50
40MHz	DFT-s-OFDM QPSK	1	1	24.04	23.92	23.94	24.50
30MHz	DFT-s-OFDM QPSK	1	1	24.14	23.95	23.98	24.50
20MHz	DFT-s-OFDM QPSK	1	1	24.10	24.03	23.89	24.50
15MHz	DFT-s-OFDM QPSK	1	1	23.84	23.86	24.04	24.50
10MHz	DFT-s-OFDM QPSK	1	1	24.06	23.99	24.03	24.50

N77 PC2_30kHz Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	641667	/	17.50
		1	137	/	16.94	/	17.50
		1	271	/	16.98	/	17.50
		135	0	/	13.23	/	14.00
		135	69	/	16.95	/	17.50
		135	138	/	13.14	/	14.00
		270	0	/	16.04	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.89	/	16.50
100MHz	CP-OFDM QPSK	1	1	/	15.59	/	16.00
90MHz	DFT-s-OFDM QPSK	1	1	/	16.92	/	17.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 217 of 252

				/	641667	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	17.02	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	17.10	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	17.00	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638333.3333	641667	645000	
50MHz	DFT-s-OFDM QPSK	1	1	17.02	16.90	16.92	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637666.6667	641666.6667	645666.6667	
40MHz	DFT-s-OFDM QPSK	1	1	17.06	16.94	16.96	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637666.6667	641666.6667	645666.6667	
30MHz	DFT-s-OFDM QPSK	1	1	17.09	16.93	17.02	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637333.3333	641666.6667	646000	
20MHz	DFT-s-OFDM QPSK	1	1	17.08	17.01	16.83	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637166.6667	641666.6667	646166.6667	
15MHz	DFT-s-OFDM QPSK	1	1	16.84	16.83	16.99	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	641666	Channel	Tune up
				637000	641666.6667	646333.3333	
10MHz	DFT-s-OFDM QPSK	1	1	16.97	16.96	16.95	17.50

N77 PC2_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
				/	3625.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	13.05	/	13.50
		1	137	/	12.95	/	13.50
		1	271	/	13.04	/	13.50
		135	0	/	9.52	/	10.00
		135	69	/	13.00	/	13.50
		135	138	/	9.41	/	10.00
		270	0	/	12.00	/	12.50
	DFT-s-OFDM 16QAM	1	1	/	11.92	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 218 of 252

100MHz	CP-OFDM QPSK	1	1	/	11.65	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	13.00	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	13.08	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	12.98	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	13.16	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638333.3333	641667	645000	
50MHz	DFT-s-OFDM QPSK	1	1	13.01	12.89	12.91	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637666.6667	641666.6667	645666.6667	
40MHz	DFT-s-OFDM QPSK	1	1	12.97	12.85	12.87	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637666.6667	641666.6667	645666.6667	
30MHz	DFT-s-OFDM QPSK	1	1	13.00	12.95	12.87	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637333.3333	641666.6667	646000	
20MHz	DFT-s-OFDM QPSK	1	1	13.03	12.99	13.08	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637166.6667	641666.6667	646166.6667	
15MHz	DFT-s-OFDM QPSK	1	1	13.13	13.12	13.17	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641666.6667	646333.3333	
10MHz	DFT-s-OFDM QPSK	1	1	13.09	12.94	13.01	13.50

N77 PC2_30kHz Full Power				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654800	657200	/	/
				/	/	3822.00	3858.00	/	/
100MHz	DFT-s-OFDM QPSK	1	1	/	/	23.93	23.99	/	/
		1	137	/	/	23.85	23.88	/	/
		1	271	/	/	23.89	23.88	/	/
		135	0	/	/	20.27	20.19	/	/



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 219 of 252

		135	69	/	/	23.75	23.68	/	/	24.50
		135	138	/	/	20.15	20.28	/	/	21.00
		270	0	/	/	23.07	23.05	/	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	/	22.87	23.05	/	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	22.22	22.45	/	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	23.97	23.86	/	/	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	23.92	23.96	23.93	23.93	23.76	23.75	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	24.05	23.85	23.86	23.82	23.94	23.89	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	24.08	23.89	23.98	23.70	23.93	23.94	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	23.83	23.88	23.93	23.92	23.79	23.93	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	23.89	23.91	23.85	23.79	23.90	23.98	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	24.03	23.99	24.00	23.86	23.72	23.79	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647499	650900	654298	657699	661100	664501	
25MHz	DFT-s-OFDM QPSK	1	1	23.95	23.91	24.15	23.98	23.94	23.81	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	24.04	23.98	24.09	23.67	23.79	23.72	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647165	650700	654230	657765	661300	664835	
15MHz	DFT-s-OFDM QPSK	1	1	23.92	23.86	24.01	23.86	23.78	23.96	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 220 of 252

			offset	646998	650600	654196	657798	661400	665002	up
10MHz	DFT-s-OFDM QPSK	1	1	23.92	23.82	23.90	23.83	23.81	23.83	24.50

N77 PC2_30kHz Receiver on				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654800	657200	/	/	
				/	/	3822.00	3858.00	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	16.96	17.02	/	/	17.50
		1	137	/	/	16.91	16.98	/	/	17.50
		1	271	/	/	16.94	16.86	/	/	17.50
		135	0	/	/	13.19	13.23	/	/	14.00
		135	69	/	/	16.83	16.74	/	/	17.50
		135	138	/	/	13.25	13.23	/	/	14.00
		270	0	/	/	16.07	15.98	/	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	/	15.78	15.96	/	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	15.31	15.50	/	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	16.94	16.93	/	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	16.95	16.92	16.99	16.95	16.76	16.77	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	
70MHz	DFT-s-OFDM QPSK	1	1	17.05	16.90	16.90	16.79	16.90	16.81	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	17.02	16.94	17.00	16.77	16.87	16.94	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	16.88	16.88	17.03	16.95	16.79	16.85	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	16.96	17.01	16.89	16.82	16.87	16.90	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	17.05	16.91	16.95	16.95	16.82	16.81	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647499	650900	654298	657699	661100	664501	
25MHz	DFT-s-	1	1	16.94	16.87	17.05	16.90	16.96	16.77	17.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 221 of 252

	OFDM QPSK									
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.96	16.89	17.05	16.76	16.89	16.77	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.96	16.92	16.98	16.94	16.79	16.86	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.92	16.92	16.91	16.80	16.91	16.91	17.50

N77 PC2_30kHz Receiver off				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654800	657200	/	/	
				/	/	3822.00	3858.00	/	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	/	13.05	13.10	/	/	13.50
		1	137	/	/	12.95	12.90	/	/	13.50
		1	271	/	/	12.98	12.82	/	/	13.50
		135	0	/	/	9.37	9.22	/	/	10.00
		135	69	/	/	13.01	13.02	/	/	13.50
		135	138	/	/	9.34	9.23	/	/	10.00
		270	0	/	/	11.98	12.06	/	/	12.50
	DFT-s-OFDM 16QAM	1	1	/	/	11.86	11.72	/	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	654800	657200	Channel	Channel	Tune up
				/	/	3822.00	3858.00	/	/	
100MHz	CP-OFDM QPSK	1	1	/	/	11.32	11.24	/	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				/	/	654734	657268	/	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	/	13.09	13.04	/	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	13.03	13.10	13.17	13.03	12.94	13.10	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 649001	Channel 651800	Channel 654601	Channel 657401	Channel 660200	Channel 662999	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	13.19	13.11	13.18	13.08	13.03	13.08	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	13.16	13.06	13.11	13.03	12.96	12.98	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 651400	Channel 654468	Channel 657534	Channel 660600	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	13.09	13.10	13.17	13.12	12.98	13.07	13.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 222 of 252

Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	13.11	13.03	13.04	12.96	13.03	13.06	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654332	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	13.12	13.03	13.03	13.01	12.94	13.04	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 647499	Channel 650900	Channel 654298	Channel 657699	Channel 661100	Channel 664501	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	13.20	13.12	13.10	12.99	13.00	12.93	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 647332	Channel 650800	Channel 654264	Channel 657732	Channel 661200	Channel 664668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	13.04	13.09	13.20	12.99	13.09	13.03	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 647165	Channel 650700	Channel 654230	Channel 657765	Channel 661300	Channel 664835	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	13.19	13.19	13.20	13.02	13.07	13.12	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 646998	Channel 650600	Channel 654196	Channel 657798	Channel 661400	Channel 665002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	13.05	13.15	13.18	12.97	13.11	13.07	13.50

N78 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	22.90	/	23.50
		1	137	/	22.82	/	23.50
		1	271	/	23.00	/	23.50
		135	0	/	19.30	/	20.00
		135	69	/	22.96	/	23.50
		135	138	/	19.18	/	20.00
		270	0	/	22.02	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.79	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.27	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	23.13	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	23.04	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 223 of 252

70MHz	DFT-s-OFDM QPSK	1	1	/	23.15	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	22.82	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	22.85	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	22.82	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.97	22.90	22.86	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	22.89	22.99	22.98	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	23.07	22.71	22.93	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	22.98	23.10	22.83	23.50

N78 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	15.93	/	16.50
		1	137	/	15.89	/	16.50
		1	271	/	15.90	/	16.50
		135	0	/	12.34	/	13.00
		135	69	/	16.03	/	16.50
		135	138	/	12.18	/	13.00
		270	0	/	15.01	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.82	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.27	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM	1	1	/	16.08	/	16.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 224 of 252

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	16.50
70MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	16.50
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	16.50
50MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	16.50
40MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	16.50
30MHz	DFT-s-OFDM QPSK	1	1	16.05	15.88	15.83	16.50
20MHz	DFT-s-OFDM QPSK	1	1	15.94	16.02	16.02	16.50
15MHz	DFT-s-OFDM QPSK	1	1	16.01	15.78	15.94	16.50
10MHz	DFT-s-OFDM QPSK	1	1	15.91	16.02	15.81	16.50

N78 PC2_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	DFT-s-OFDM QPSK	1	1	/	12.98	/	13.50
		1	137	/	12.95	/	13.50
		1	271	/	12.97	/	13.50
		135	0	/	9.61	/	10.00
		135	69	/	13.08	/	13.50
		135	138	/	9.63	/	10.00
		270	0	/	12.10	/	12.50
	DFT-s-OFDM 16QAM	1	1	/	12.04	/	12.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 225 of 252

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	11.52	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	13.03	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	13.03	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	13.00	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	12.88	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	13.01	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	13.03	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	13.02	13.01	13.11	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	12.93	13.01	13.05	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	12.85	13.03	12.89	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	12.97	13.10	13.12	13.50

N77 PC2_30kHz Full Power				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
				/	3625.01	/	
100MHz	DFT-s-OFDM	1	1	/	22.83	/	23.50
		1	137	/	22.93	/	23.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 226 of 252

	QPSK	1	271	/	22.78	/	23.50
		135	0	/	19.28	/	20.00
		135	69	/	22.94	/	23.50
		135	138	/	19.17	/	20.00
		270	0	/	21.84	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.98	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
100MHz	CP-OFDM QPSK	1	1	/	21.43	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	22.69	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	23.03	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	22.77	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	22.89	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638333	641667	645000	
50MHz	DFT-s-OFDM QPSK	1	1	20.84	22.65	20.75	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637667	641667	645667	
40MHz	DFT-s-OFDM QPSK	1	1	20.98	22.99	20.85	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637667	641667	645667	
30MHz	DFT-s-OFDM QPSK	1	1	22.64	22.90	22.58	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637333	641667	646000	
20MHz	DFT-s-OFDM QPSK	1	1	22.77	22.85	22.78	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637167	641667	646167	
15MHz	DFT-s-OFDM QPSK	1	1	22.73	22.86	22.89	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637000	641667	646333	
10MHz	DFT-s-OFDM	1	1	22.90	22.86	22.94	23.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 227 of 252

	QPSK						
N77 PC2_30kHz Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	15.79	/	16.50
		1	137	/	15.92	/	16.50
		1	271	/	15.80	/	16.50
		135	0	/	12.34	/	13.00
		135	69	/	15.83	/	16.50
		135	138	/	12.02	/	13.00
		270	0	/	14.88	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.87	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	14.32	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	15.99	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	15.94	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	15.86	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	15.85	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.71	15.72	15.73	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.79	15.96	15.77	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.67	15.89	15.72	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.78	15.89	15.72	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 228 of 252

				637167	641667	646167	
15MHz	DFT-s-OFDM QPSK	1	1	15.71	15.88	15.85	16.50
Bandwidth	Modulation	RB size	RB offset	Channel 637000	641666 641667	Channel 646333	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	15.97	15.96	15.85	16.50

N77 PC2_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
				/	3625.01	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	12.90	/	13.50
		1	137	/	13.06	/	13.50
		1	271	/	12.80	/	13.50
		135	0	/	9.34	/	10.00
		135	69	/	12.83	/	13.50
		135	138	/	9.37	/	10.00
		270	0	/	11.76	/	12.50
	DFT-s-OFDM 16QAM	1	1	/	11.81	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
100MHz	CP-OFDM QPSK	1	1	/	11.34	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	12.75	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	12.87	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	12.83	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	641667	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	12.98	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				638333	641667	645000	
50MHz	DFT-s-OFDM QPSK	1	1	12.77	12.89	12.75	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637667	641667	645667	
40MHz	DFT-s-OFDM QPSK	1	1	12.75	12.78	12.75	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				637667	641667	645667	
30MHz	DFT-s-	1	1	12.90	12.66	12.88	13.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 229 of 252

Bandwidth	Modulation	RB size	RB offset	Channel 637333	Channel 641667	Channel 646000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	12.95	12.75	12.81	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 637167	Channel 641667	Channel 646167	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	12.65	12.86	12.97	13.50
Bandwidth	Modulation	RB size	RB offset	Channel 637000	Channel 641666	Channel 646333	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	12.79	12.97	12.88	13.50

N78 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)			Tune up
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	
100MHz	DFT-s-OFDM QPSK	1	1	/	22.93	/	23.50
		1	137	/	23.13	/	23.50
		1	271	/	22.88	/	23.50
		135	0	/	19.44	/	20.00
		135	69	/	23.06	/	23.50
		135	138	/	19.27	/	20.00
		270	0	/	21.94	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	22.09	/	22.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	21.58	/	22.00
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	22.81	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	23.13	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	22.97	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	23.03	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	22.82	/	23.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 230 of 252

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	23.15	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	22.81	23.08	22.76	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	22.93	23.02	22.94	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	22.84	23.01	23.04	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	23.09	23.01	23.06	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	22.98	23.13	23.01	23.50

N78 PC2_30kHz Full Power/Receiver on				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	15.96	/	16.50
		1	137	/	16.07	/	16.50
		1	271	/	15.94	/	16.50
		135	0	/	12.48	/	13.00
		135	69	/	16.01	/	16.50
		135	138	/	12.22	/	13.00
		270	0	/	15.00	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	15.01	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	14.52	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	16.11	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	16.08	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 231 of 252

70MHz	DFT-s-OFDM QPSK	1	1	/	16.05	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	16.02	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	15.89	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	16.07	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	15.85	16.01	15.84	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	15.96	15.99	15.87	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	15.86	16.00	16.04	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	16.11	16.06	15.99	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	16.07	16.05	16.00	16.50

N78 PC2_30kHz Receiver off				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM QPSK	1	1	/	13.00	/	13.50
		1	137	/	13.16	/	13.50
		1	271	/	12.99	/	13.50
		135	0	/	9.52	/	10.00
		135	69	/	12.97	/	13.50
		135	138	/	9.47	/	10.00
		270	0	/	11.92	/	12.50
	DFT-s-OFDM 16QAM	1	1	/	11.99	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM	1	1	/	11.46	/	12.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 232 of 252

	QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	12.93	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	13.03	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	13.01	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	13.09	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	13.02	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	12.88	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	13.07	12.85	12.99	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647501	650000	652501	
25MHz	DFT-s-OFDM QPSK	1	1	13.07	12.88	12.98	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	12.85	13.00	13.11	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647167	650000	652835	
15MHz	DFT-s-OFDM QPSK	1	1	12.96	13.14	13.00	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	13.01	12.96	12.95	13.50



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4 Conducted Power of WIFI and Bluetooth

4.1 Conducted Power of WIFI 2.4G

WIFI 2.4G Ant4 Full Power/Receiver on					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	19.04	19.50
	6	2437		19.22	19.50
	11	2462		19.16	19.50
802.11g	1	2412	6	18.91	19.50
	6	2437		18.82	19.50
	11	2462		18.95	19.50
802.11n HT20	1	2412	6.5	18.80	19.50
	6	2437		18.75	19.50
	11	2462		18.77	19.50
802.11n HT40	3	2422	13.5	19.06	19.50
	6	2437		19.10	19.50
	9	2452		19.00	19.50
802.11ax HE20	1	2412	MCS0	18.96	19.50
	6	2437		18.84	19.50
	11	2462		18.91	19.50
802.11ax HE40	3	2422	MCS0	18.99	19.50
	6	2437		19.05	19.50
	9	2452		18.91	19.50
802.11be EHT20	1	2412	MCS0	18.95	19.50
	6	2437		18.78	19.50
	11	2462		18.86	19.50
802.11be EHT40	3	2422	MCS0	19.03	19.50
	6	2437		18.77	19.50
	9	2452		18.62	19.50

WIFI 2.4G Ant4 Receive off					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	14.68	15.00
	6	2437		14.72	15.00
	11	2462		14.58	15.00
802.11g	1	2412	6	14.46	15.00
	6	2437		14.31	15.00
	11	2462		14.37	15.00
802.11n HT20	1	2412	6.5	14.23	15.00
	6	2437		14.29	15.00
	11	2462		14.28	15.00
802.11n HT40	3	2422	13.5	14.57	15.00
	6	2437		14.57	15.00
	9	2452		14.56	15.00
802.11ax HE20	1	2412	MCS0	14.48	15.00
	6	2437		14.43	15.00
	11	2462		14.45	15.00
802.11ax HE40	3	2422	MCS0	14.57	15.00
	6	2437		14.49	15.00
	9	2452		14.48	15.00
802.11be EHT20	1	2412	MCS0	14.37	15.00
	6	2437		14.26	15.00
	11	2462		14.43	15.00
802.11be EHT40	3	2422	MCS0	14.58	15.00
	6	2437		14.18	15.00
	9	2452		14.16	15.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 234 of 252

WIFI 2.4G Ant8 Full Power/Receiver on					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	19.04	19.50
	6	2437		19.14	19.50
	11	2462		18.98	19.50
802.11g	1	2412	6	18.56	19.50
	6	2437		18.71	19.50
	11	2462		18.83	19.50
802.11n HT20	1	2412	6.5	18.93	19.50
	6	2437		19.04	19.50
	11	2462		19.16	19.50
802.11n HT40	3	2422	13.5	18.90	19.50
	6	2437		19.04	19.50
	9	2452		19.16	19.50
802.11ax HE20	1	2412	MCS0	18.61	19.50
	6	2437		18.74	19.50
	11	2462		18.87	19.50
802.11ax HE40	3	2422	MCS0	18.82	19.50
	6	2437		18.98	19.50
	9	2452		19.09	19.50
802.11be EHT20	1	2412	MCS0	18.68	19.50
	6	2437		18.78	19.50
	11	2462		18.93	19.50
802.11be EHT40	3	2422	MCS0	18.50	19.50
	6	2437		18.68	19.50
	9	2452		18.77	19.50

WIFI 2.4G Ant8 Receive off					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	14.51	15.00
	6	2437		14.66	15.00
	11	2462		14.41	15.00
802.11g	1	2412	6	14.05	15.00
	6	2437		14.30	15.00
	11	2462		14.41	15.00
802.11n HT20	1	2412	6.5	14.42	15.00
	6	2437		14.47	15.00
	11	2462		14.57	15.00
802.11n HT40	3	2422	13.5	14.41	15.00
	6	2437		14.47	15.00
	9	2452		14.70	15.00
802.11ax HE20	1	2412	MCS0	14.14	15.00
	6	2437		14.24	15.00
	11	2462		14.39	15.00
802.11ax HE40	3	2422	MCS0	14.24	15.00
	6	2437		14.46	15.00
	9	2452		14.52	15.00
802.11be EHT20	1	2412	MCS0	14.18	15.00
	6	2437		14.32	15.00
	11	2462		14.42	15.00
802.11be EHT40	3	2422	MCS0	14.09	15.00
	6	2437		14.22	15.00
	9	2452		14.34	15.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 235 of 252

WIFI 2.4G MIMO Full Power/Receiver on					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	22.05	22.50
	6	2437		22.19	22.50
	11	2462		22.08	22.50
802.11g	1	2412	6	21.75	22.50
	6	2437		21.78	22.50
	11	2462		21.90	22.50
802.11n HT20	1	2412	6.5	21.88	22.50
	6	2437		21.91	22.50
	11	2462		21.98	22.50
802.11n HT40	3	2422	13.5	21.99	22.50
	6	2437		22.08	22.50
	9	2452		22.09	22.50
802.11ax HE20	1	2412	MCS0	21.80	22.50
	6	2437		21.80	22.50
	11	2462		21.90	22.50
802.11ax HE40	3	2422	MCS0	21.92	22.50
	6	2437		22.03	22.50
	9	2452		22.01	22.50
802.11be EHT20	1	2412	MCS0	21.83	22.50
	6	2437		21.79	22.50
	11	2462		21.91	22.50
802.11be EHT40	3	2422	MCS0	21.78	22.50
	6	2437		21.74	22.50
	9	2452		21.71	22.50

WIFI 2.4G MIMO Receive off					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	17.61	18.00
	6	2437		17.70	18.00
	11	2462		17.51	18.00
802.11g	1	2412	6	17.27	18.00
	6	2437		17.32	18.00
	11	2462		17.40	18.00
802.11n HT20	1	2412	6.5	17.34	18.00
	6	2437		17.39	18.00
	11	2462		17.44	18.00
802.11n HT40	3	2422	13.5	17.50	18.00
	6	2437		17.53	18.00
	9	2452		17.64	18.00
802.11ax HE20	1	2412	MCS0	17.32	18.00
	6	2437		17.35	18.00
	11	2462		17.43	18.00
802.11ax HE40	3	2422	MCS0	17.42	18.00
	6	2437		17.49	18.00
	9	2452		17.51	18.00
802.11be EHT20	1	2412	MCS0	17.29	18.00
	6	2437		17.30	18.00
	11	2462		17.44	18.00
802.11be EHT40	3	2422	MCS0	17.35	18.00
	6	2437		17.21	18.00
	9	2452		17.26	18.00



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4.2 Conducted Power of WIFI 5G

WIFI 5G Ant5 Full Power/Receiver on					
5GHz	Channel	Frequency(MHz)	Average Power (dBm)	Tune up	
5GHz U-NII-1	802.11a	36	15.67	16.00	
		40	18.67	19.00	
		44	14.88	15.00	
		48	18.70	19.00	
	802.11n HT20	36	14.58	15.00	
		40	18.58	19.00	
		44	14.21	15.00	
		48	18.52	19.00	
	802.11n HT40	38	8.99	9.00	
		46	18.23	19.00	
	802.11ac VHT20	36	18.28	19.00	
		40	18.26	19.00	
		44	17.89	18.00	
	802.11ac VHT40	48	18.08	19.00	
		38	9.46	10.00	
	802.11ac VHT80	46	17.37	18.00	
		42	9.64	10.00	
	802.11ax HE20	36	14.36	15.00	
		40	17.97	18.00	
		44	14.23	15.00	
		48	17.92	18.00	
	802.11ax HE40	38	8.41	9.00	
		46	17.66	18.00	
	802.11ax HE80	42	9.01	10.00	
5GHz U-NII-2A	802.11a	52	18.94	19.50	
		56	19.01	19.50	
		60	16.12	17.00	
		64	16.14	17.00	
	802.11n HT20	52	18.82	19.00	
		56	18.65	19.00	
		60	16.01	17.00	
		64	16.03	17.00	
	802.11n HT40	54	18.46	19.00	
		62	9.46	10.00	
	802.11ac VHT20	52	18.38	19.00	
		56	18.04	19.00	
		60	14.88	15.00	
		64	14.99	15.00	
	802.11ac VHT40	54	17.60	18.00	
		62	9.49	10.00	
	802.11ac VHT80	58	9.12	10.00	
	802.11ax HE20	52	18.13	19.00	
		56	17.57	18.00	
		60	13.72	14.00	
		64	13.75	14.00	
	802.11ax HE40	54	9.92	10.00	
		62	13.10	14.00	
	802.11ax HE80	58	9.04	10.00	
5GHz UNII-2C	802.11a	100	18.95	19.00	
		104	18.45	19.00	
		108	18.48	19.00	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 237 of 252

		112	5560	18.57	19.00
		116	5580	18.98	19.50
		120	5600	19.16	19.50
		124	5620	18.49	19.00
		128	5640	18.53	19.00
		132	5660	18.51	19.00
		136	5680	18.46	19.00
		140	5700	18.91	19.00
		144	5720	18.47	19.00
		100	5500	8.96	9.00
802.11n HT20		104	5520	10.55	11.00
		108	5540	10.58	11.00
		112	5560	10.49	11.00
		116	5580	18.98	19.00
		120	5600	10.53	11.00
		124	5620	10.43	11.00
		128	5640	10.55	11.00
		132	5660	10.41	11.00
		136	5680	10.47	11.00
		140	5700	12.02	13.00
802.11n HT40		144	5720	10.58	11.00
		102	5510	8.15	9.00
		110	5550	18.79	19.00
		118	5590	18.45	19.00
		126	5630	18.44	19.00
		134	5670	18.74	19.00
802.11ac VHT20		142	5710	18.43	19.00
		100	5500	18.05	19.00
		104	5520	17.50	18.00
		108	5540	17.56	18.00
		112	5560	17.57	18.00
		116	5580	18.39	19.00
		120	5600	17.58	18.00
		124	5620	17.46	18.00
		128	5640	17.45	18.00
		132	5660	17.45	18.00
802.11ac VHT40		136	5680	17.58	18.00
		140	5700	13.77	14.00
		144	5720	17.56	18.00
		102	5510	11.74	12.00
		110	5550	17.26	18.00
		118	5590	16.57	17.00
802.11ac VHT80		126	5630	16.56	17.00
		134	5670	17.34	18.00
		142	5710	16.48	17.00
		106	5530	11.13	12.00
802.11ax HE20		122	5610	17.13	18.00
		138	5690	16.42	17.00
		100	5500	17.72	18.00
		104	5520	16.50	17.00
		108	5540	16.50	17.00
		112	5560	16.48	17.00
		116	5580	17.98	18.00
		120	5600	16.46	17.00
		124	5620	16.47	17.00
		128	5640	16.54	17.00
		132	5660	16.55	17.00
		136	5680	16.57	17.00
		140	5700	14.20	15.00
		144	5720	16.43	17.00



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 238 of 252

	802.11ax HE40	102	5510	13.10	14.00
		110	5550	17.64	18.00
		118	5590	16.49	17.00
		126	5630	16.58	17.00
		134	5670	13.80	14.00
		142	5710	16.51	17.00
	802.11ax HE80	106	5530	10.44	11.00
		122	5610	17.55	18.00
		138	5690	16.56	17.00
5GHz UNII-3	802.11a	149	5745	18.78	19.00
		153	5765	16.46	17.00
		157	5785	18.81	19.00
		161	5805	16.44	17.00
		165	5825	18.52	19.00
		149	5745	18.58	19.00
	802.11n HT20	153	5765	16.42	17.00
		157	5785	18.68	19.00
		161	5805	16.55	17.00
		165	5825	18.39	19.00
	802.11n HT40	151	5755	18.68	19.00
		159	5795	18.75	19.00
	802.11ac VHT20	149	5745	18.13	19.00
		153	5765	16.44	17.00
		157	5785	18.22	19.00
		161	5805	16.51	17.00
		165	5825	17.74	18.00
	802.11ac VHT40	151	5755	17.37	18.00
		159	5795	17.35	18.00
	802.11ac VHT80	155	5775	17.05	18.00
		149	5745	17.33	18.00
	802.11ax HE20	153	5765	16.57	17.00
		157	5785	17.68	18.00
		161	5805	16.55	17.00
		165	5825	17.34	18.00
		151	5755	17.55	18.00
	802.11ax HE40	159	5795	17.65	18.00
		155	5775	17.06	18.00
	802.11ax HE80	155	5775	17.06	18.00

WIFI 5G Ant5 Receive off					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	9.18	9.50
		40	5200	9.17	9.50
		44	5220	9.36	9.50
		48	5240	9.12	9.50
	802.11n HT20	36	5180	9.17	9.50
		40	5200	9.02	9.50
		44	5220	8.75	9.50
		48	5240	9.10	9.50
	802.11n HT40	38	5190	8.93	9.00
		46	5230	8.73	9.50
	802.11ac VHT20	36	5180	8.80	9.50
		40	5200	8.84	9.50
		44	5220	9.39	9.50
	802.11ac VHT40	48	5240	8.64	9.50
		38	5190	9.01	9.50
		46	5230	8.85	9.50
	802.11ac	42	5210	9.19	9.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 239 of 252

	VHT80				
	802.11ax HE20	36	5180	8.78	9.50
		40	5200	9.50	9.50
		44	5220	8.74	9.50
		48	5240	9.49	9.50
	802.11ax HE40	38	5190	8.42	9.00
		46	5230	8.25	9.00
5GHz U-NII-2A	802.11a	42	5210	8.48	9.50
		52	5260	9.14	10.00
		56	5280	9.41	10.00
		60	5300	8.65	10.00
	802.11n HT20	64	5320	8.66	10.00
		52	5260	9.39	10.00
		56	5280	8.92	10.00
		60	5300	8.51	10.00
	802.11ac VHT20	64	5320	8.58	10.00
		54	5270	9.05	10.00
		62	5310	8.88	10.00
		52	5260	8.88	10.00
	802.11ac VHT40	56	5280	8.61	10.00
		60	5300	9.36	10.00
		64	5320	9.06	10.00
		54	5270	9.05	10.00
	802.11ac VHT80	62	5310	9.04	10.00
		58	5290	8.55	9.50
	802.11ax HE20	52	5260	8.69	10.00
		56	5280	9.03	10.00
		60	5300	9.24	10.00
		64	5320	9.31	10.00
	802.11ax HE40	54	5270	9.51	10.00
		62	5310	8.64	10.00
	802.11ax HE80	58	5290	8.48	10.00
5GHz UNII-2C	802.11a	100	5500	9.97	10.00
		104	5520	9.48	10.00
		108	5540	9.41	10.00
		112	5560	9.50	10.00
		116	5580	9.67	10.00
		120	5600	9.61	10.00
		124	5620	9.45	10.00
		128	5640	9.60	10.00
		132	5660	9.48	10.00
		136	5680	9.50	10.00
		140	5700	9.82	10.00
		144	5720	9.46	10.00
	802.11n HT20	100	5500	9.40	9.50
		104	5520	9.63	10.00
		108	5540	9.57	10.00
		112	5560	9.48	10.00
		116	5580	9.94	10.00
		120	5600	9.47	10.00
		124	5620	9.41	10.00
		128	5640	9.50	10.00
		132	5660	9.44	10.00
		136	5680	9.52	10.00
		140	5700	9.04	10.00
		144	5720	9.53	10.00
	802.11n	102	5510	8.73	9.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 240 of 252

	HT40	110	5550	9.78	10.00
		118	5590	9.36	10.00
		126	5630	9.39	10.00
		134	5670	9.73	10.00
		142	5710	9.34	10.00
	802.11ac VHT20	100	5500	9.08	10.00
		104	5520	9.58	10.00
		108	5540	9.48	10.00
		112	5560	9.63	10.00
		116	5580	9.30	10.00
		120	5600	9.52	10.00
		124	5620	9.47	10.00
		128	5640	9.49	10.00
		132	5660	9.39	10.00
		136	5680	9.59	10.00
		140	5700	9.69	10.00
		144	5720	9.53	10.00
	802.11ac VHT40	102	5510	9.77	10.00
		110	5550	9.20	10.00
		118	5590	9.56	10.00
		126	5630	9.62	10.00
		134	5670	9.29	10.00
	802.11ac VHT80	142	5710	9.54	10.00
		106	5530	9.06	10.00
		122	5610	9.13	10.00
		138	5690	9.50	10.00
	802.11ax HE20	100	5500	9.75	10.00
		104	5520	9.44	10.00
		108	5540	9.41	10.00
		112	5560	9.41	10.00
		116	5580	9.32	10.00
		120	5600	9.48	10.00
		124	5620	9.39	10.00
		128	5640	9.46	10.00
		132	5660	9.51	10.00
		136	5680	9.48	10.00
		140	5700	9.25	10.00
		144	5720	9.41	10.00
	802.11ax HE40	102	5510	9.19	10.00
		110	5550	9.57	10.00
		118	5590	9.43	10.00
		126	5630	9.59	10.00
		134	5670	9.81	10.00
	802.11ax HE80	142	5710	9.51	10.00
		106	5530	9.37	10.00
		122	5610	9.62	10.00
		138	5690	9.65	10.00
5GHz UNII-3	802.11a	149	5745	9.37	9.50
		153	5765	8.98	9.50
		157	5785	9.40	9.50
		161	5805	8.99	9.50
		165	5825	9.05	9.50
	802.11n HT20	149	5745	9.05	9.50
		153	5765	8.86	9.50
		157	5785	9.27	9.50
		161	5805	9.02	9.50
	802.11n HT40	165	5825	8.91	9.50
		151	5755	9.22	9.50
	802.11ac	159	5795	9.32	9.50
		149	5745	8.70	9.50



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 241 of 252

	VHT20	153	5765	8.86	9.50
		157	5785	8.73	9.50
		161	5805	8.96	9.50
		165	5825	9.33	9.50
	802.11ac VHT40	151	5755	8.86	9.50
		159	5795	8.91	9.50
	802.11ac VHT80	155	5775	8.61	9.50
		149	5745	8.75	9.50
	802.11ax HE20	153	5765	9.04	9.50
		157	5785	9.09	9.50
		161	5805	9.11	9.50
		165	5825	8.79	9.50
	802.11ax HE40	151	5755	8.96	9.50
		159	5795	9.23	9.50
	802.11ax HE80	155	5775	8.48	9.50

WIFI 5G Ant10 Full Power/Receiver on					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	18.68	19.00
		40	5200	18.73	19.00
		44	5220	18.51	19.00
		48	5240	18.58	19.00
	802.11n HT20	36	5180	14.88	15.00
		40	5200	18.52	19.00
		44	5220	14.56	15.00
		48	5240	18.38	19.00
	802.11n HT40	38	5190	9.16	10.00
		46	5230	18.17	19.00
	802.11ac VHT20	36	5180	18.09	19.00
		40	5200	18.06	19.00
		44	5220	17.02	18.00
		48	5240	17.80	18.00
	802.11ac VHT40	38	5190	9.66	10.00
		46	5230	17.13	18.00
	802.11ac VHT80	42	5210	9.71	10.00
		36	5180	14.35	15.00
	802.11ax HE20	40	5200	17.75	18.00
		44	5220	14.32	15.00
		48	5240	17.50	18.00
	802.11ax HE40	38	5190	8.57	9.00
		46	5230	17.53	18.00
	802.11ax HE80	42	5210	9.20	10.00
5GHz U-NII-2A	802.11a	52	5260	18.31	19.00
		56	5280	18.41	19.00
		60	5300	18.01	19.00
		64	5320	18.82	19.00
	802.11n HT20	52	5260	18.09	19.00
		56	5280	17.90	18.00
		60	5300	15.20	16.00
		64	5320	15.26	16.00
	802.11n HT40	54	5270	17.58	18.00
		62	5310	8.93	9.00
	802.11ac VHT20	52	5260	17.35	18.00
		56	5280	17.17	18.00
		60	5300	14.41	15.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 242 of 252

	802.11ac VHT40	64	5320	14.48	15.00
		54	5270	16.58	17.00
		62	5310	8.98	9.00
	802.11ac VHT80	58	5290	8.44	9.00
		802.11ax HE20	52	5260	16.94
	56		5280	16.62	17.00
	60		5300	13.01	14.00
	64		5320	13.08	14.00
	802.11ax HE40	54	5270	9.27	10.00
		62	5310	12.80	13.00
	802.11ax HE80	58	5290	8.37	9.00
		5GHz UNII-2C	802.11a	100	5500
104	5520			18.46	19.00
108	5540			18.49	19.00
112	5560			18.43	19.00
116	5580			18.91	19.00
120	5600			18.46	19.00
124	5620			18.48	19.00
128	5640			18.47	19.00
132	5660			18.55	19.00
136	5680			18.54	19.00
802.11n HT20	140		5700	18.52	19.00
	144		5720	18.44	19.00
	100		5500	9.02	10.00
	104		5520	10.49	11.00
	108		5540	10.47	11.00
	112		5560	10.49	11.00
	116		5580	18.92	19.00
	120		5600	10.45	11.00
	124		5620	10.50	11.00
	128		5640	10.47	11.00
802.11n HT40	132	5660	10.56	11.00	
	136	5680	10.58	11.00	
	140	5700	12.11	13.00	
	144	5720	10.58	11.00	
	102	5510	8.35	9.00	
	110	5550	18.60	19.00	
802.11ac VHT20	118	5590	18.43	19.00	
	126	5630	18.53	19.00	
	134	5670	18.42	19.00	
	142	5710	18.53	19.00	
	100	5500	17.78	18.00	
	104	5520	17.42	18.00	
	108	5540	17.44	18.00	
	112	5560	17.56	18.00	
	116	5580	17.77	18.00	
	120	5600	17.42	18.00	
802.11ac VHT40	124	5620	17.56	18.00	
	128	5640	17.53	18.00	
	132	5660	17.58	18.00	
	136	5680	17.48	18.00	
	140	5700	14.01	15.00	
		144	5720	17.42	18.00
		102	5510	11.72	12.00
		110	5550	17.02	18.00
		118	5590	16.42	17.00
		126	5630	16.49	17.00
		134	5670	17.02	18.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 243 of 252

	802.11ac VHT80	142	5710	16.58	17.00
		106	5530	11.16	12.00
		122	5610	16.62	17.00
		138	5690	16.48	17.00
	802.11ax HE20	100	5500	17.41	18.00
		104	5520	16.44	17.00
		108	5540	16.42	17.00
		112	5560	16.50	17.00
		116	5580	17.43	18.00
		120	5600	16.52	17.00
		124	5620	16.51	17.00
		128	5640	16.47	17.00
		132	5660	16.45	17.00
		136	5680	16.44	17.00
		140	5700	14.39	15.00
		144	5720	16.52	17.00
	802.11ax HE40	102	5510	12.80	13.00
		110	5550	17.58	18.00
		118	5590	16.52	17.00
		126	5630	16.49	17.00
		134	5670	13.89	14.00
	802.11ax HE80	142	5710	16.54	17.00
		106	5530	10.47	11.00
		122	5610	17.31	18.00
5GHz UNII-3	802.11a	138	5690	16.51	17.00
		149	5745	18.54	19.00
		153	5765	16.51	17.00
		157	5785	18.83	19.00
		161	5805	16.55	17.00
	802.11n HT20	165	5825	19.09	19.50
		149	5745	17.99	18.00
		153	5765	16.52	17.00
		157	5785	18.30	19.00
		161	5805	16.44	17.00
	802.11n HT40	165	5825	18.38	19.00
		151	5755	18.36	19.00
		159	5795	18.41	19.00
	802.11ac VHT20	149	5745	17.44	18.00
		153	5765	16.55	17.00
		157	5785	17.60	18.00
		161	5805	16.45	17.00
	802.11ac VHT40	165	5825	17.67	18.00
		151	5755	16.78	17.00
		159	5795	16.85	17.00
	802.11ac VHT80	155	5775	16.51	17.00
		149	5745	16.66	17.00
	802.11ax HE20	153	5765	16.44	17.00
		157	5785	17.06	18.00
		161	5805	16.42	17.00
		165	5825	17.18	18.00
		151	5755	17.06	18.00
	802.11ax HE40	159	5795	17.17	18.00
		155	5775	16.61	17.00
	802.11ax HE80				



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 244 of 252

WIFI 5G Ant10 Receive off					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	9.13	9.50
		40	5200	9.16	9.50
		44	5220	9.01	9.50
		48	5240	9.14	9.50
	802.11n HT20	36	5180	9.46	9.50
		40	5200	9.10	9.50
		44	5220	8.99	9.50
		48	5240	8.97	9.50
	802.11n HT40	38	5190	8.65	9.50
		46	5230	8.63	9.50
	802.11ac VHT20	36	5180	8.68	9.50
		40	5200	8.55	9.50
		44	5220	8.51	9.50
		48	5240	9.30	9.50
	802.11ac VHT40	38	5190	9.19	9.50
		46	5230	8.59	9.50
	802.11ac VHT80	42	5210	9.13	9.50
	802.11ax HE20	36	5180	8.81	9.50
		40	5200	9.32	9.50
		44	5220	8.83	9.50
		48	5240	9.05	9.50
	802.11ax HE40	38	5190	8.56	9.00
		46	5230	8.95	9.50
	802.11ax HE80	42	5210	8.76	9.50
5GHz U-NII-2A	802.11a	52	5260	8.68	9.50
		56	5280	8.61	9.50
		60	5300	8.06	9.50
		64	5320	8.76	9.50
	802.11n HT20	52	5260	8.04	9.50
		56	5280	8.86	9.50
		60	5300	8.22	9.50
		64	5320	8.24	9.50
	802.11n HT40	54	5270	8.55	9.50
		62	5310	8.43	9.00
	802.11ac VHT20	52	5260	8.44	9.50
		56	5280	8.17	9.50
		60	5300	8.45	9.50
		64	5320	8.43	9.50
	802.11ac VHT40	54	5270	8.62	9.50
		62	5310	8.50	9.00
	802.11ac VHT80	58	5290	8.01	9.00
	802.11ax HE20	52	5260	8.94	9.50
		56	5280	8.66	9.50
		60	5300	8.09	9.50
		64	5320	8.08	9.50
	802.11ax HE40	54	5270	8.28	9.50
		62	5310	8.82	9.50
	802.11ax HE80	58	5290	7.86	9.00
5GHz UNII-2C	802.11a	100	5500	9.44	9.50
		104	5520	9.00	9.50
		108	5540	8.95	9.50
		112	5560	9.01	9.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 245 of 252

		116	5580	9.48	9.50
		120	5600	8.91	9.50
		124	5620	8.95	9.50
		128	5640	8.89	9.50
		132	5660	9.11	9.50
		136	5680	9.04	9.50
		140	5700	9.03	9.50
		144	5720	9.00	9.50
		100	5500	8.43	9.50
		104	5520	9.03	9.50
	802.11n HT20	108	5540	8.94	9.50
		112	5560	8.93	9.50
		116	5580	9.37	9.50
		120	5600	8.90	9.50
		124	5620	9.08	9.50
		128	5640	8.94	9.50
		132	5660	9.15	9.50
		136	5680	9.06	9.50
		140	5700	8.67	9.50
		144	5720	9.07	9.50
	802.11n HT40	102	5510	8.39	9.00
		110	5550	9.11	9.50
		118	5590	8.88	9.50
		126	5630	8.97	9.50
		134	5670	8.92	9.50
		142	5710	9.07	9.50
	802.11ac VHT20	100	5500	9.22	9.50
		104	5520	8.92	9.50
		108	5540	8.90	9.50
		112	5560	9.08	9.50
		116	5580	9.28	9.50
		120	5600	8.93	9.50
		124	5620	9.06	9.50
		128	5640	8.99	9.50
		132	5660	9.08	9.50
		136	5680	9.02	9.50
	802.11ac VHT40	140	5700	8.46	9.50
		144	5720	8.88	9.50
		102	5510	9.22	9.50
		110	5550	8.58	9.50
		118	5590	8.98	9.50
		126	5630	9.01	9.50
	802.11ac VHT80	134	5670	8.45	9.50
		142	5710	9.03	9.50
		106	5530	8.73	9.50
		122	5610	9.14	9.50
		138	5690	8.95	9.50
	802.11ax HE20	100	5500	8.94	9.50
		104	5520	9.02	9.50
		108	5540	8.87	9.50
		112	5560	9.03	9.50
		116	5580	9.01	9.50
		120	5600	8.96	9.50
		124	5620	8.99	9.50
		128	5640	9.05	9.50
		132	5660	8.88	9.50
		136	5680	9.03	9.50
	802.11ax	140	5700	8.93	9.50
		144	5720	9.11	9.50
		102	5510	9.30	9.50



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 246 of 252

	HE40	110	5550	9.01	9.50
		118	5590	8.95	9.50
		126	5630	9.04	9.50
		134	5670	9.35	9.50
		142	5710	9.00	9.50
	802.11ax HE80	106	5530	9.01	9.50
		122	5610	8.87	9.50
		138	5690	9.10	9.50
	802.11a	149	5745	9.53	10.00
		153	5765	9.49	10.00
		157	5785	9.77	10.00
		161	5805	9.53	10.00
		165	5825	9.57	10.00
	802.11n HT20	149	5745	9.23	10.00
		153	5765	9.51	10.00
		157	5785	9.25	10.00
		161	5805	9.47	10.00
	802.11n HT40	165	5825	9.34	10.00
		151	5755	9.41	10.00
		159	5795	9.50	10.00
	802.11ac VHT20	149	5745	9.42	10.00
		153	5765	9.54	10.00
		157	5785	9.58	10.00
		161	5805	9.51	10.00
	802.11ac VHT40	165	5825	9.70	10.00
		151	5755	9.79	10.00
		159	5795	9.76	10.00
	802.11ac VHT80	155	5775	9.58	10.00
		149	5745	9.75	10.00
	802.11ax HE20	153	5765	9.45	10.00
		157	5785	9.01	10.00
		161	5805	9.42	10.00
		165	5825	9.22	10.00
	802.11ax HE40	151	5755	9.04	10.00
		159	5795	9.21	10.00
	802.11ax HE80	155	5775	9.60	10.00
		149	5745	9.75	10.00

WIFI 5G MIMO Full Power/Receiver on					
5GHz	Channel	Frequency(MHz)	Average Power (dBm)	Tune up	
5GHz U-NII-1	802.11a	36	20.44	20.50	
		40	21.71	22.00	
		44	20.07	20.50	
		48	21.65	22.00	
	802.11n HT20	36	17.74	18.00	
		40	21.56	22.00	
		44	17.40	17.50	
		48	21.46	21.50	
	802.11n HT40	38	12.09	12.50	
		46	21.21	21.50	
	802.11ac VHT20	36	21.20	21.50	
		40	21.17	21.50	
		44	20.49	20.50	
	802.11ac VHT40	48	20.95	21.00	
		38	12.57	13.00	
	802.11ac VHT80	46	20.26	20.50	
		42	12.69	13.00	



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 247 of 252

5GHz U-NII-2A	802.11ax HE20	36	5180	17.37	17.50
		40	5200	20.87	21.00
		44	5220	17.29	17.50
		48	5240	20.73	21.00
	802.11ax HE40	38	5190	11.50	12.00
		46	5230	20.61	21.00
	802.11ax HE80	42	5210	12.12	12.50
5GHz U-NII-2A	802.11a	52	5260	21.65	22.00
		56	5280	21.73	22.00
		60	5300	20.18	20.50
		64	5320	20.69	21.00
	802.11n HT20	52	5260	21.48	21.50
		56	5280	21.30	21.50
		60	5300	18.63	19.00
		64	5320	18.67	19.00
	802.11n HT40	54	5270	21.05	21.50
		62	5310	12.21	12.50
		52	5260	20.91	21.00
		56	5280	20.64	21.00
	802.11ac VHT20	60	5300	17.66	18.00
		64	5320	17.75	18.00
		54	5270	20.13	20.50
		62	5310	12.25	12.50
	802.11ac VHT80	58	5290	11.80	12.00
	802.11ax HE20	52	5260	20.59	21.00
		56	5280	20.13	20.50
		60	5300	16.39	16.50
		64	5320	16.44	16.50
	802.11ax HE40	54	5270	12.62	13.00
		62	5310	15.96	16.00
	802.11ax HE80	58	5290	11.73	12.00
5GHz UNII-2C	802.11a	100	5500	21.93	22.00
		104	5520	21.47	21.50
		108	5540	21.50	21.50
		112	5560	21.51	22.00
		116	5580	21.84	22.00
		120	5600	21.83	22.00
		124	5620	21.50	21.50
		128	5640	21.51	22.00
		132	5660	21.54	22.00
		136	5680	21.51	22.00
		140	5700	21.73	22.00
		144	5720	21.47	21.50
	802.11n HT20	100	5500	12.00	12.50
		104	5520	13.53	14.00
		108	5540	13.54	14.00
		112	5560	13.50	14.00
		116	5580	21.96	22.00
		120	5600	13.50	14.00
		124	5620	13.48	13.50
		128	5640	13.52	14.00
		132	5660	13.50	13.50
		136	5680	13.54	14.00
		140	5700	15.08	15.50
		144	5720	13.59	14.00
	802.11n HT40	102	5510	11.26	11.50
		110	5550	21.71	22.00



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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 248 of 252

		118	5590	21.45	21.50
		126	5630	21.50	21.50
		134	5670	21.59	22.00
		142	5710	21.49	21.50
802.11ac VHT20		100	5500	20.93	21.00
		104	5520	20.47	20.50
		108	5540	20.51	21.00
		112	5560	20.58	21.00
		116	5580	21.10	21.50
		120	5600	20.51	21.00
		124	5620	20.52	21.00
		128	5640	20.50	21.00
		132	5660	20.53	21.00
		136	5680	20.54	21.00
		140	5700	16.90	17.00
		144	5720	20.50	21.00
802.11ac VHT40		102	5510	14.74	15.00
		110	5550	20.15	20.50
		118	5590	19.51	20.00
		126	5630	19.54	20.00
		134	5670	20.19	20.50
		142	5710	19.54	20.00
802.11ac VHT80		106	5530	14.16	14.50
		122	5610	19.89	20.00
		138	5690	19.46	19.50
802.11ax HE20		100	5500	20.58	21.00
		104	5520	20.58	21.00
		108	5540	19.48	19.50
		112	5560	19.47	19.50
		116	5580	19.50	20.00
		120	5600	20.72	21.00
		124	5620	19.50	20.00
		128	5640	19.50	20.00
		132	5660	19.52	20.00
		136	5680	19.51	20.00
		140	5700	19.52	20.00
		144	5720	17.31	17.50
802.11ax HE40		102	5510	19.49	19.50
		110	5550	15.96	16.00
		118	5590	20.62	21.00
		126	5630	19.52	20.00
		134	5670	19.55	20.00
		142	5710	16.86	17.00
802.11ax HE80		106	5530	19.54	20.00
		122	5610	13.47	13.50
		138	5690	20.44	20.50
5GHz UNII-3	802.11a	149	5745	21.67	22.00
		153	5765	19.50	19.50
		157	5785	21.83	22.00
		161	5805	19.51	20.00
		165	5825	21.82	22.00
	802.11n HT20	149	5745	21.31	21.50
		153	5765	19.48	19.50
		157	5785	21.50	22.00
		161	5805	19.51	20.00
		165	5825	21.40	21.50
	802.11n HT40	151	5755	21.53	22.00
		159	5795	21.59	22.00
	802.11ac VHT20	149	5745	20.81	21.00
		153	5765	19.51	20.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 249 of 252

		157	5785	20.93	21.00
		161	5805	19.49	20.00
		165	5825	20.72	21.00
	802.11ac VHT40	151	5755	20.10	20.50
		159	5795	20.12	20.50
	802.11ac VHT80	155	5775	19.80	20.00
		149	5745	20.02	20.50
	802.11ax HE20	153	5765	19.52	20.00
		157	5785	20.39	20.50
		161	5805	19.50	20.00
		165	5825	20.27	20.50
		151	5755	20.32	20.50
	802.11ax HE40	159	5795	20.43	20.50
		155	5775	19.85	20.00
	802.11ax HE80				

WIFI 5G MIMO Receive off					
5GHz		Channel	Frequency(MHz)	Average Power (dBm)	Tune up
5GHz U-NII-1	802.11a	36	5180	12.17	12.50
		40	5200	12.18	12.50
		44	5220	12.20	12.50
		48	5240	12.14	12.50
	802.11n HT20	36	5180	12.33	12.50
		40	5200	12.07	12.50
		44	5220	11.88	12.00
		48	5240	12.05	12.50
	802.11n HT40	38	5190	11.80	12.00
		46	5230	11.69	12.00
	802.11ac VHT20	36	5180	11.75	12.00
		40	5200	11.71	12.00
		44	5220	11.98	12.00
		48	5240	11.99	12.00
	802.11ac VHT40	38	5190	12.11	12.50
		46	5230	11.73	12.00
	802.11ac VHT80	42	5210	12.17	12.50
	802.11ax HE20	36	5180	11.81	12.00
		40	5200	12.42	12.50
		44	5220	11.80	12.00
		48	5240	12.29	12.50
	802.11ax HE40	38	5190	11.50	12.00
		46	5230	11.62	12.00
	802.11ax HE80	42	5210	11.63	12.00
5GHz U-NII-2A	802.11a	52	5260	11.93	12.00
		56	5280	12.04	12.50
		60	5300	11.38	11.50
		64	5320	11.72	12.00
	802.11n HT20	52	5260	11.78	12.00
		56	5280	11.90	12.00
		60	5300	11.38	11.50
		64	5320	11.42	11.50
	802.11n HT40	54	5270	11.75	12.00
		62	5310	11.67	12.00
	802.11ac VHT20	52	5260	11.68	12.00
		56	5280	11.41	11.50
		60	5300	11.94	12.00
		64	5320	11.77	12.00



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 250 of 252

	802.11ac VHT40	54	5270	11.85	12.00
		62	5310	11.79	12.00
	802.11ac VHT80	58	5290	11.30	11.50
		802.11ax HE20	52	5260	11.83
	56		5280	11.86	12.00
	60		5300	11.71	12.00
	64		5320	11.75	12.00
	802.11ax HE40	54	5270	11.95	12.00
		62	5310	11.74	12.00
	802.11ax HE80	58	5290	11.19	11.50
		802.11a	100	5500	12.22
	104		5520	12.26	12.50
	108		5540	12.20	12.50
	112		5560	12.27	12.50
116	5580		12.05	12.50	
120	5600		12.33	12.50	
124	5620		12.22	12.50	
128	5640		12.27	12.50	
132	5660		12.31	12.50	
136	5680		12.29	12.50	
140	5700		12.27	12.50	
144	5720		12.25	12.50	
802.11n HT20	100		5500	11.95	12.00
	104		5520	12.35	12.50
	108	5540	12.28	12.50	
	112	5560	12.22	12.50	
	116	5580	12.67	13.00	
	120	5600	12.20	12.50	
	124	5620	12.26	12.50	
	128	5640	12.24	12.50	
	132	5660	12.31	12.50	
	136	5680	12.31	12.50	
802.11n HT40	140	5700	11.87	12.00	
	144	5720	12.32	12.50	
	102	5510	11.57	12.00	
	110	5550	12.47	12.50	
	118	5590	12.14	12.50	
802.11ac VHT20	126	5630	12.20	12.50	
	134	5670	12.35	12.50	
	142	5710	12.22	12.50	
	100	5500	12.16	12.50	
	104	5520	12.27	12.50	
	108	5540	12.21	12.50	
	112	5560	12.37	12.50	
	116	5580	12.30	12.50	
	120	5600	12.25	12.50	
	124	5620	12.28	12.50	
802.11ac VHT40	128	5640	12.26	12.50	
	132	5660	12.25	12.50	
	136	5680	12.32	12.50	
	140	5700	12.13	12.50	
	144	5720	12.23	12.50	
	102	5510	12.51	13.00	
	110	5550	11.91	12.00	
	118	5590	12.29	12.50	
	126	5630	12.34	12.50	
	134	5670	11.90	12.00	
142	5710	12.30	12.50		



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SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR260700337601

Page: 251 of 252

	802.11ac VHT80	106	5530	11.91	12.00
		122	5610	12.15	12.50
		138	5690	12.24	12.50
	802.11ax HE20	100	5500	12.37	12.50
		104	5520	12.37	12.50
		108	5540	12.25	12.50
		112	5560	12.16	12.50
		116	5580	12.23	12.50
		120	5600	12.18	12.50
		124	5620	12.24	12.50
		128	5640	12.20	12.50
		132	5660	12.27	12.50
		136	5680	12.22	12.50
		140	5700	12.27	12.50
		144	5720	12.10	12.50
	802.11ax HE40	102	5510	12.27	12.50
		110	5550	12.26	12.50
		118	5590	12.31	12.50
		126	5630	12.21	12.50
		134	5670	12.33	12.50
	802.11ax HE80	142	5710	12.60	13.00
		106	5530	12.27	12.50
		122	5610	12.20	12.50
5GHz UNII-3	802.11a	138	5690	12.27	12.50
		149	5745	12.46	12.50
		153	5765	12.25	12.50
		157	5785	12.60	13.00
		161	5805	12.28	12.50
	802.11n HT20	165	5825	12.33	12.50
		149	5745	12.15	12.50
		153	5765	12.21	12.50
		157	5785	12.27	12.50
		161	5805	12.26	12.50
	802.11n HT40	165	5825	12.14	12.50
		151	5755	12.33	12.50
		159	5795	12.42	12.50
	802.11ac VHT20	149	5745	12.09	12.50
		153	5765	12.22	12.50
		157	5785	12.19	12.50
		161	5805	12.25	12.50
	802.11ac VHT40	165	5825	12.45	12.50
		151	5755	12.36	12.50
		159	5795	12.37	12.50
	802.11ac VHT80	155	5775	12.13	12.50
		149	5745	12.29	12.50
		153	5765	12.26	12.50
		157	5785	12.06	12.50
		161	5805	12.28	12.50
	802.11ax HE20	165	5825	12.02	12.50
		151	5755	12.01	12.50
		159	5795	12.23	12.50
		155	5775	12.09	12.50



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4.3 Conducted Power of Bluetooth

BT Ant4		Average Conducted Power(dBm)			Tune up
Band	Mode	0	39	78	
DH5	GFSK	13.13	13.42	12.29	13.50
2DH5	$\pi/4$ DQPSK	11.57	11.89	11.13	12.00
3DH5	8DPSK	11.96	12.32	11.53	12.00
Band	Mode	0	19	39	Tune up
BLE 1M	GFSK	9.95	10.05	9.88	10.00
Band	Mode	1	19	38	Tune up
BLE 2M	GFSK	10.50	10.57	10.43	11.00

BT Ant8		Average Conducted Power(dBm)			Tune up
Band	Mode	0	39	78	
DH5	GFSK	11.69	12.70	11.59	13.00
2DH5	$\pi/4$ DQPSK	9.97	11.05	9.90	10.00
3DH5	8DPSK	10.51	11.57	10.45	11.00
Band	Mode	0	19	39	Tune up
BLE 1M	GFSK	10.43	10.60	9.85	10.00
Band	Mode	1	19	38	Tune up
BLE 2M	GFSK	10.45	10.56	9.99	10.00

- End of the Appendix -