

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

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

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		1	2	21.54	21.34	21.42	22.70
		1	5	21.60	21.33	21.19	22.70
		3	0	21.66	21.49	21.39	22.70
		3	2	21.62	21.43	21.41	22.70
		3	3	21.58	21.40	21.27	22.70
		6	0	21.57	21.41	21.45	22.70
	16QAM	1	0	21.46	21.25	21.33	22.70
		1	2	21.38	21.55	21.31	22.70
		1	5	21.86	21.12	21.20	22.70
		3	0	21.55	21.40	21.30	22.70
		3	2	21.45	21.34	21.39	22.70
		3	3	21.46	21.42	21.43	22.70
	64QAM	6	0	21.58	21.56	21.37	22.70
		1	0	21.17	21.55	21.18	22.70
		1	2	21.61	21.50	21.54	22.70
		1	5	21.50	21.47	21.04	22.70
		3	0	21.29	21.00	21.09	22.70
		3	2	20.96	21.07	21.11	22.70
	256QAM	3	3	21.21	21.18	21.15	22.70
		6	0	21.21	21.07	21.14	22.50
		1	0	19.16	19.13	18.97	20.50
		1	2	19.15	19.30	19.09	20.50
		1	5	19.36	19.20	19.05	20.50
		3	0	19.22	19.11	19.12	20.50
3MHz	QPSK	3	2	19.25	19.17	19.07	20.50
		3	3	19.15	19.21	19.02	20.50
		6	0	19.10	19.10	19.06	20.50
	16QAM	1	0	21.24	21.30	21.47	22.70
		1	7	21.54	21.29	21.38	22.70
		1	14	21.60	21.34	21.21	22.70
		8	0	21.57	21.44	21.44	22.70
		8	4	21.60	21.43	21.34	22.70
		8	7	21.60	21.40	21.24	22.70
	64QAM	15	0	21.60	21.39	21.47	22.70
		1	0	21.50	21.29	21.32	22.70
		1	7	21.36	21.54	21.32	22.70
		1	14	21.95	21.16	21.24	22.70
		8	0	21.49	21.41	21.26	22.70
		8	4	21.50	21.38	21.42	22.70
5MHz	256QAM	8	7	21.51	21.35	21.45	22.70
		15	0	21.58	21.54	21.30	22.70
		1	0	21.14	21.52	21.19	22.70
		1	7	21.63	21.50	21.61	22.70
		1	14	21.49	21.50	21.05	22.70
		8	0	21.29	21.10	21.04	22.50
	QPSK	8	4	20.99	21.09	21.14	22.50
		8	7	21.19	21.16	21.14	22.50
		15	0	21.20	21.11	21.10	22.50
		1	0	19.16	19.14	18.96	20.50
		1	7	19.20	19.29	19.01	20.50
		1	14	19.36	19.22	19.13	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18615	18900	19185	
5MHz	QPSK	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
				1	0	21.36	22.70
				1	13	21.56	22.70



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 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

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		1	24	21.65	21.33	21.36	22.70
		12	0	21.53	21.51	21.34	22.70
		12	6	21.62	21.47	21.51	22.70
		12	13	21.51	21.30	21.31	22.70
		25	0	21.52	21.40	21.46	22.70
	16QAM	1	0	21.48	21.40	21.33	22.70
		1	13	21.45	21.54	21.47	22.70
		1	24	21.76	21.14	21.08	22.70
		12	0	21.61	21.45	21.41	22.70
		12	6	21.47	21.44	21.44	22.70
		12	13	21.51	21.41	21.37	22.70
		25	0	21.46	21.36	21.30	22.70
	64QAM	1	0	21.16	21.52	21.19	22.70
		1	13	21.68	21.49	21.38	22.70
		1	24	21.55	21.53	21.11	22.70
		12	0	21.21	21.13	20.99	22.50
		12	6	20.94	21.11	21.11	22.50
		12	13	21.21	21.12	21.13	22.50
		25	0	21.33	21.24	21.01	22.50
	256QAM	1	0	19.24	19.08	19.08	20.50
		1	13	19.24	19.20	18.94	20.50
		1	24	19.25	19.20	19.21	20.50
		12	0	19.22	19.04	19.04	20.50
		12	6	19.28	19.07	19.06	20.50
		12	13	19.24	19.09	18.98	20.50
		25	0	19.19	19.10	19.04	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	21.24	21.23	21.33	22.70
		1	25	21.61	21.43	21.42	22.70
		1	49	21.53	21.20	21.18	22.70
		25	0	21.67	21.44	21.31	22.70
		25	13	21.56	21.45	21.44	22.70
		25	25	21.51	21.35	21.32	22.70
		50	0	21.59	21.40	21.38	22.70
	16QAM	1	0	21.54	21.30	21.39	22.70
		1	25	21.39	21.63	21.45	22.70
		1	49	21.81	21.03	21.10	22.70
		25	0	21.64	21.30	21.33	22.70
		25	13	21.57	21.40	21.33	22.70
		25	25	21.59	21.29	21.42	22.70
		50	0	21.42	21.46	21.38	22.70
	64QAM	1	0	21.24	21.52	21.27	22.70
		1	25	21.73	21.47	21.35	22.70
		1	49	21.49	21.49	21.30	22.70
		25	0	21.18	21.01	21.12	22.50
		25	13	21.13	21.18	21.07	22.50
		25	25	21.31	21.27	20.99	22.50
		50	0	21.18	21.12	21.09	22.50
	256QAM	1	0	19.36	19.05	18.98	20.50
		1	25	19.23	19.11	18.90	20.50
		1	49	19.32	19.29	19.13	20.50
		25	0	19.17	19.23	19.05	20.50
		25	13	19.27	19.24	19.13	20.50
		25	25	19.20	19.09	18.98	20.50
		50	0	19.23	19.17	19.12	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	21.27	21.34	21.42	22.70
		1	38	21.52	21.39	21.42	22.70
		1	74	21.53	21.33	21.32	22.70



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		36	0	21.63	21.55	21.52	22.70
		36	18	21.57	21.41	21.37	22.70
		36	39	21.63	21.42	21.28	22.70
		75	0	21.45	21.31	21.35	22.70
	16QAM	1	0	21.48	21.35	21.41	22.70
		1	38	21.44	21.51	21.43	22.70
		1	74	21.91	21.08	21.13	22.70
		36	0	21.52	21.32	21.41	22.70
		36	18	21.55	21.42	21.41	22.70
		36	39	21.45	21.37	21.34	22.70
		75	0	21.49	21.39	21.39	22.70
	64QAM	1	0	21.26	21.61	21.23	22.70
		1	38	21.71	21.47	21.53	22.70
		1	74	21.42	21.47	21.10	22.70
		36	0	21.22	21.12	21.16	22.50
		36	18	21.02	21.07	21.06	22.50
		36	39	21.24	21.18	21.14	22.50
		75	0	21.26	21.08	21.02	22.50
	256QAM	1	0	19.21	19.12	18.95	20.50
		1	38	19.26	19.16	18.97	20.50
		1	74	19.30	19.25	19.11	20.50
		36	0	19.07	19.17	19.17	20.50
		36	18	19.17	19.25	19.06	20.50
		36	39	19.13	19.18	18.96	20.50
		75	0	19.29	19.06	19.07	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	21.28	21.32	21.54	22.70
		1	50	21.54	21.41	21.37	22.70
		1	99	21.49	21.32	21.24	22.70
		50	0	21.55	21.39	21.39	22.70
		50	25	21.51	21.45	21.41	22.70
		50	50	21.55	21.30	21.29	22.70
		100	0	21.53	21.43	21.44	22.70
	16QAM	1	0	21.51	21.27	21.38	22.70
		1	50	21.42	21.63	21.35	22.70
		1	99	21.89	21.18	21.14	22.70
		50	0	21.50	21.35	21.42	22.70
		50	25	21.53	21.39	21.46	22.70
		50	50	21.58	21.41	21.37	22.70
		100	0	21.47	21.46	21.39	22.70
	64QAM	1	0	21.21	21.48	21.24	22.70
		1	50	21.72	21.49	21.51	22.70
		1	99	21.50	21.47	21.07	22.70
		50	0	21.21	21.08	21.14	22.50
		50	25	21.03	21.14	21.12	22.50
		50	50	21.24	21.16	21.05	22.50
		100	0	21.25	21.14	21.03	22.50
	256QAM	1	0	19.25	19.15	19.04	20.50
		1	50	19.20	19.29	19.00	20.50
		1	99	19.31	19.22	19.06	20.50
		50	0	19.14	19.22	19.06	20.50
		50	25	19.24	19.12	19.13	20.50
		50	50	19.15	19.10	19.03	20.50
		100	0	19.53	19.44	19.32	20.50

LTE Band 4 DSIO				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	



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1.4MHz	QPSK	1	0	24.97	24.95	24.90	25.70
		1	2	25.00	25.03	24.82	25.70
		1	5	25.04	25.06	25.11	25.70
		3	0	24.93	24.85	24.85	25.70
		3	2	24.95	24.91	24.85	25.70
		3	3	24.98	24.91	24.88	25.70
	16QAM	6	0	24.16	24.05	24.06	24.70
		1	0	24.11	23.72	24.16	24.70
		1	2	23.98	24.16	24.12	24.70
		1	5	23.99	23.95	24.13	24.70
		3	0	23.91	23.87	23.84	24.70
		3	2	23.95	23.86	23.88	24.70
	64QAM	3	3	23.99	23.91	23.87	24.70
		6	0	23.11	23.05	23.05	23.70
		1	0	23.05	22.40	22.94	23.70
		1	2	22.95	22.69	23.13	23.70
		1	5	23.02	22.63	23.10	23.70
		3	0	22.89	22.85	22.87	23.70
3MHz	QPSK	3	2	22.93	22.92	22.85	23.70
		3	3	23.00	22.91	22.85	23.70
		6	0	22.44	22.38	22.35	22.70
	16QAM	1	0	20.05	20.14	19.95	20.70
		1	2	20.09	20.12	20.08	20.70
		1	5	20.25	20.24	20.18	20.70
	256QAM	3	0	20.09	20.04	20.02	20.70
		3	2	20.11	20.06	20.03	20.70
		3	3	20.16	20.08	20.02	20.70
		6	0	20.13	20.08	20.03	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	19965		20175	20385		
		1	0	24.93	24.95	24.85	25.70
		1	7	25.00	25.04	24.78	25.70
		1	14	25.09	25.03	25.09	25.70
		8	0	24.08	24.02	24.02	24.70
		8	4	24.20	24.12	24.02	24.70
	16QAM	8	7	24.14	24.08	24.09	24.70
		15	0	24.21	24.03	24.03	24.70
		1	0	24.09	23.71	24.21	24.70
		1	7	24.03	24.13	24.07	24.70
		1	14	24.03	23.96	24.10	24.70
		8	0	23.16	23.05	23.08	23.70
3MHz	QPSK	8	4	23.16	23.01	23.08	23.70
		8	7	23.21	23.12	23.08	23.70
		15	0	23.14	23.02	23.08	23.70
	16QAM	1	0	23.07	22.41	22.99	23.70
		1	7	22.99	22.67	23.16	23.70
		1	14	23.01	22.63	23.07	23.70
	64QAM	8	0	22.08	22.09	22.11	22.70
		8	4	22.17	22.17	22.09	22.70
		8	7	22.25	22.08	22.06	22.70
		15	0	22.13	22.13	22.09	22.70
	256QAM	1	0	20.01	20.11	19.97	20.70
		1	7	20.04	20.12	20.07	20.70
		1	14	20.28	20.22	20.22	20.70
		8	0	20.13	20.05	20.01	20.70
		8	4	20.12	20.05	20.08	20.70
		8	7	20.14	20.08	20.00	20.70
5MHz	QPSK	15	0	20.15	20.11	20.01	20.70
		1	0	24.97	24.92	24.86	25.70
		1	7	25.00	25.04	24.78	25.70
		1	14	25.09	25.03	25.09	25.70
		8	0	24.08	24.02	24.02	24.70
		8	4	24.20	24.12	24.02	24.70
	16QAM	8	7	24.14	24.08	24.09	24.70
		15	0	24.21	24.03	24.03	24.70
		1	0	24.09	23.71	24.21	24.70
		1	7	24.03	24.13	24.07	24.70
		1	14	24.03	23.96	24.10	24.70
		8	0	23.16	23.05	23.08	23.70
	64QAM	8	4	23.16	23.01	23.08	23.70
		8	7	23.21	23.12	23.08	23.70
		15	0	23.14	23.02	23.08	23.70
		1	0	23.07	22.41	22.99	23.70
		1	7	22.99	22.67	23.16	23.70
		1	14	23.01	22.63	23.07	23.70
	256QAM	8	0	22.08	22.09	22.11	22.70
		8	4	22.17	22.17	22.09	22.70
		8	7	22.25	22.08	22.06	22.70
		15	0	22.13	22.13	22.09	22.70
		1	0	20.01	20.11	19.97	20.70
		1	7	20.04	20.12	20.07	20.70
5MHz	QPSK	1	14	20.28	20.22	20.22	20.70
		8	0	20.13	20.05	20.01	20.70
		8	4	20.12	20.05	20.08	20.70
		8	7	20.14	20.08	20.00	20.70
		15	0	20.15	20.11	20.01	20.70
		1	0	24.97	24.92	24.86	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	QPSK	19975		20175	20375		
		1	0	24.97	24.92	24.86	25.70
		1	7	25.00	25.04	24.78	25.70
		1	14	25.09	25.03	25.09	25.70
		8	0	24.08	24.02	24.02	24.70
		8	4	24.20	24.12	24.02	24.70
	16QAM	8	7	24.14	24.08	24.09	24.70
		15	0	24.21	24.03	24.03	24.70
		1	0	24.09	23.71	24.21	24.70
		1	7	24.03	24.13	24.07	24.70
		1	14	24.03	23.96	24.10	24.70
		8	0	23.16	23.05	23.08	23.70
	64QAM	8	4	23.16	23.01	23.08	23.70
		8	7	23.21	23.12	23.08	23.70
		15	0	23.14	23.02	23.08	23.70
		1	0	23.07	22.41	22.99	23.70
		1	7	22.99	22.67	23.16	23.70
		1	14	23.01	22.63	23.07	23.70
	256QAM	8	0	22.08	22.09	22.11	22.70
		8	4	22.17	22.17	22.09	22.70
		8	7	22.25	22.08	22.06	22.70
		15	0	22.13	22.13	22.09	22.70
		1	0	20.01	20.11	19.97	20.70
		1	7	20.04	20.12	20.07	20.70



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		1	13	25.05	25.02	24.82	25.70
		1	24	24.99	25.05	25.13	25.70
		12	0	24.09	24.03	24.10	24.70
		12	6	24.20	24.08	24.04	24.70
		12	13	24.17	24.14	24.12	24.70
	16QAM	25	0	24.20	24.09	24.01	24.70
		1	0	24.08	23.72	24.17	24.70
		1	13	23.98	24.17	24.11	24.70
		1	24	24.03	23.93	24.10	24.70
		12	0	23.15	23.02	23.08	23.70
	64QAM	12	6	23.15	23.09	23.03	23.70
		12	13	23.19	23.07	23.09	23.70
		25	0	23.16	23.07	23.03	23.70
		1	0	23.00	22.98	22.92	23.70
		1	13	22.91	22.66	23.09	23.70
	256QAM	1	24	23.04	22.62	23.09	23.70
		12	0	22.12	22.00	22.05	22.70
		12	6	22.14	22.08	22.10	22.70
		12	13	22.15	22.13	22.04	22.70
		25	0	22.12	22.13	22.05	22.70
10MHz	QPSK	1	0	20.03	20.09	19.90	20.70
		1	13	20.04	20.10	20.03	20.70
		1	24	20.27	20.29	20.15	20.70
		12	0	20.14	20.01	19.97	20.70
		12	6	20.09	20.11	20.08	20.70
	16QAM	12	13	20.20	20.03	20.00	20.70
		25	0	20.45	20.33	20.28	20.70
		1	0	24.97	24.94	24.93	25.70
		1	25	24.95	25.06	24.84	25.70
		1	49	25.08	25.09	25.12	25.70
	64QAM	25	0	24.16	24.09	24.08	24.70
		25	13	24.14	24.09	24.08	24.70
		25	25	24.14	24.13	24.06	24.70
		50	0	24.16	24.05	24.06	24.70
		1	0	24.15	23.77	24.17	24.70
	256QAM	1	25	23.97	24.13	24.16	24.70
		1	49	23.98	23.99	24.13	24.70
		25	0	23.10	23.08	22.99	23.70
		25	13	23.16	23.03	23.08	23.70
		25	25	23.20	23.14	23.09	23.70
15MHz	QPSK	50	0	23.08	23.09	23.04	23.70
		1	0	23.07	22.90	22.89	23.70
		1	25	22.90	22.67	23.09	23.70
		1	49	23.03	22.68	23.11	23.70
		25	0	22.08	22.09	22.02	22.70
	16QAM	25	13	22.14	22.07	22.04	22.70
		25	25	22.19	22.11	22.08	22.70
		50	0	22.19	22.09	22.10	22.70
		1	0	20.01	20.11	19.90	20.70
		1	25	20.12	20.07	20.06	20.70
	64QAM	1	49	20.28	20.20	20.18	20.70
		25	0	20.10	20.03	20.07	20.70
		25	13	20.07	20.11	20.08	20.70
		25	25	20.21	20.11	20.00	20.70
		50	0	20.17	20.10	20.02	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	RB size	RB offset	Channel	Channel	Channel	Tune up
				25.00	24.98	24.91	
				25.05	25.05	24.78	



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		1	74	25.09	25.01	25.09	25.70
		36	0	24.11	24.03	24.05	24.70
		36	18	24.10	24.10	24.02	24.70
		36	39	24.20	24.12	24.04	24.70
		75	0	24.20	24.07	24.08	24.70
	16QAM	1	0	24.09	23.74	24.12	24.70
		1	38	24.01	24.19	24.12	24.70
		1	74	24.04	23.93	24.11	24.70
		36	0	23.09	23.05	23.08	23.70
		36	18	23.10	23.02	23.13	23.70
	64QAM	36	39	23.22	23.09	23.03	23.70
		75	0	23.13	23.10	23.01	23.70
		1	0	23.08	22.40	22.92	23.70
		1	38	22.94	22.66	23.08	23.70
		1	74	23.01	22.65	23.12	23.70
	256QAM	36	0	22.09	22.05	22.08	22.70
		36	18	22.12	22.16	22.00	22.70
		36	39	22.17	22.08	22.05	22.70
		75	0	22.18	22.05	22.08	22.70
		1	0	20.09	20.16	19.91	20.70
20MHz	QPSK	1	38	20.10	20.16	20.09	20.70
		1	74	20.25	20.27	20.16	20.70
		36	0	20.05	20.08	20.00	20.70
		36	18	20.08	20.02	20.05	20.70
		36	39	20.13	20.07	20.04	20.70
	16QAM	75	0	20.13	20.10	20.00	20.70
		1	0	/	24.97	/	25.70
		1	50	/	25.04	/	25.70
		1	99	/	25.11	/	25.70
		50	0	/	24.04	/	24.70
	64QAM	50	25	/	24.09	/	24.70
		50	50	/	24.16	/	24.70
		100	0	/	24.09	/	24.70
		1	0	/	23.77	/	24.70
		1	50	/	24.14	/	24.70
	256QAM	1	99	/	23.90	/	24.70
		50	0	/	23.02	/	23.70
		50	25	/	23.06	/	23.70
		50	50	/	23.14	/	23.70
		100	0	/	23.08	/	23.70
Bandwidth	Modulation	1	0	/	22.41	/	23.70
		1	50	/	22.67	/	23.70
		1	99	/	22.61	/	23.70
		50	0	/	22.01	/	22.70
		50	25	/	22.12	/	22.70
	16QAM	50	50	/	22.14	/	22.70
		100	0	/	22.04	/	22.70
		1	0	/	20.16	/	20.70
		1	50	/	20.15	/	20.70
		1	99	/	20.28	/	20.70
	64QAM	50	0	/	20.05	/	20.70
		50	25	/	20.03	/	20.70
		50	50	/	20.13	/	20.70
		100	0	/	20.07	/	20.70
		1	0	/	20.16	/	20.70
	256QAM	1	50	/	20.15	/	20.70
		1	99	/	20.28	/	20.70
		50	0	/	20.05	/	20.70
		50	25	/	20.03	/	20.70
		50	50	/	20.13	/	20.70
Bandwidth	Modulation	100	0	/	20.07	/	20.70
		RB size	RB offset	Channel	Channel	Channel	Tune up
		/	/	/	20175	/	/
		1	0	/	24.97	/	25.70
		1	50	/	25.04	/	25.70
	QPSK	1	99	/	25.11	/	25.70
		50	0	/	24.04	/	24.70
		50	25	/	24.09	/	24.70
		50	50	/	24.16	/	24.70
		100	0	/	24.09	/	24.70
	16QAM	1	0	/	23.77	/	24.70
		1	50	/	24.14	/	24.70
		1	99	/	23.90	/	24.70
		50	0	/	23.02	/	23.70
		50	25	/	23.06	/	23.70
	64QAM	50	50	/	23.14	/	23.70
		100	0	/	23.08	/	23.70
		1	0	/	22.41	/	23.70
		1	50	/	22.67	/	23.70
		1	99	/	22.61	/	23.70
	256QAM	50	0	/	22.01	/	22.70
		50	25	/	22.12	/	22.70
		50	50	/	22.14	/	22.70
		100	0	/	22.04	/	22.70
		1	0	/	20.16	/	20.70

LTE Band 4 DS11/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				19957	20175	20393	
1.4MHz	QPSK	1	0	18.33	18.36	18.34	19.20
		1	2	18.39	18.35	18.42	19.20
		1	5	18.34	18.35	18.37	19.20
		3	0	18.38	18.42	18.46	19.20
		3	2	18.43	18.43	18.47	19.20
		3	3	18.43	18.41	18.48	19.20
	16QAM	6	0	18.41	18.37	18.42	19.20
		1	0	18.56	18.55	18.57	19.20
		1	2	18.45	18.42	18.43	19.20
		1	5	18.52	18.53	18.51	19.20
		3	0	18.15	18.18	18.14	19.20
		3	2	18.49	18.46	18.49	19.20
	64QAM	3	3	18.44	18.46	18.45	19.20
		6	0	18.45	18.43	18.39	19.20
		1	0	18.45	18.48	18.51	19.20
		1	2	18.43	18.44	18.46	19.20
		1	5	18.57	18.61	18.55	19.20
		3	0	18.44	18.41	18.46	19.20
	256QAM	3	2	18.49	18.44	18.51	19.20
		3	3	18.47	18.51	18.45	19.20
		6	0	18.45	18.43	18.43	19.20
		1	0	18.33	18.36	18.35	19.20
		1	2	18.59	18.61	18.54	19.20
		1	5	18.53	18.48	18.51	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	18.32	18.36	18.32	19.20
		1	7	18.37	18.36	18.42	19.20
		1	14	18.39	18.35	18.40	19.20
		8	0	18.46	18.41	18.45	19.20
		8	4	18.46	18.46	18.46	19.20
		8	7	18.46	18.44	18.45	19.20
	16QAM	15	0	18.40	18.43	18.37	19.20
		1	0	18.56	18.58	18.61	19.20
		1	7	18.48	18.50	18.46	19.20
		1	14	18.55	18.50	18.54	19.20
		8	0	18.21	18.21	18.16	19.20
		8	4	18.44	18.48	18.51	19.20
	64QAM	8	7	18.43	18.43	18.46	19.20
		15	0	18.44	18.45	18.41	19.20
		1	0	18.46	18.46	18.49	19.20
		1	7	18.43	18.41	18.41	19.20
		1	14	18.54	18.53	18.53	19.20
		8	0	18.41	18.48	18.47	19.20
	256QAM	8	4	18.48	18.44	18.49	19.20
		8	7	18.50	18.45	18.45	19.20
		15	0	18.41	18.47	18.42	19.20
		1	0	18.30	18.34	18.35	19.20
		1	7	18.55	18.58	18.57	19.20
		1	14	18.48	18.52	18.48	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	



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5MHz	QPSK	1	0	18.31	18.33	18.33	19.20
		1	13	18.34	18.34	18.38	19.20
		1	24	18.39	18.41	18.41	19.20
		12	0	18.41	18.43	18.41	19.20
		12	6	18.47	18.41	18.42	19.20
		12	13	18.45	18.42	18.43	19.20
	16QAM	25	0	18.42	18.41	18.40	19.20
		1	0	18.54	18.54	18.57	19.20
		1	13	18.49	18.49	18.44	19.20
		1	24	18.53	18.53	18.47	19.20
		12	0	18.20	18.16	18.17	19.20
		12	6	18.43	18.48	18.49	19.20
	64QAM	12	13	18.44	18.48	18.45	19.20
		25	0	18.43	18.39	18.41	19.20
		1	0	18.47	18.51	18.45	19.20
		1	13	18.40	18.44	18.42	19.20
		1	24	18.54	18.57	18.59	19.20
		12	0	18.46	18.44	18.47	19.20
	256QAM	12	6	18.45	18.45	18.46	19.20
		12	13	18.45	18.43	18.49	19.20
		25	0	18.49	18.42	18.47	19.20
		1	0	18.31	18.33	18.37	19.20
		1	13	18.56	18.62	18.59	19.20
		1	24	18.52	18.51	18.52	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	18.35	18.35	18.34	19.20
		1	25	18.34	18.39	18.42	19.20
		1	49	18.35	18.34	18.35	19.20
		25	0	18.38	18.46	18.40	19.20
		25	13	18.43	18.39	18.44	19.20
		25	25	18.43	18.46	18.45	19.20
	16QAM	50	0	18.40	18.43	18.43	19.20
		1	0	18.61	18.56	18.55	19.20
		1	25	18.50	18.45	18.44	19.20
		1	49	18.48	18.50	18.48	19.20
		25	0	18.21	18.15	18.20	19.20
		25	13	18.50	18.48	18.45	19.20
	64QAM	25	25	18.42	18.48	18.46	19.20
		50	0	18.39	18.43	18.41	19.20
		1	0	18.51	18.49	18.47	19.20
		1	25	18.44	18.45	18.46	19.20
		1	49	18.57	18.58	18.53	19.20
		25	0	18.46	18.41	18.49	19.20
	256QAM	25	13	18.43	18.50	18.45	19.20
		25	25	18.48	18.51	18.47	19.20
		50	0	18.42	18.45	18.43	19.20
		1	0	18.31	18.31	18.31	19.20
		1	25	18.55	18.59	18.56	19.20
		1	49	18.53	18.48	18.48	19.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	18.36	18.31	18.36	19.20



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		1	38	18.40	18.36	18.38	19.20
		1	74	18.35	18.39	18.35	19.20
		36	0	18.46	18.43	18.46	19.20
		36	18	18.39	18.46	18.42	19.20
		36	39	18.42	18.42	18.47	19.20
		75	0	18.36	18.42	18.37	19.20
	16QAM	1	0	18.60	18.58	18.61	19.20
		1	38	18.49	18.46	18.44	19.20
		1	74	18.52	18.51	18.49	19.20
		36	0	18.19	18.16	18.16	19.20
		36	18	18.48	18.44	18.45	19.20
		36	39	18.45	18.49	18.49	19.20
	64QAM	75	0	18.44	18.42	18.39	19.20
		1	0	18.45	18.48	18.46	19.20
		1	38	18.46	18.43	18.45	19.20
		1	74	18.59	18.55	18.56	19.20
		36	0	18.45	18.41	18.46	19.20
		36	18	18.46	18.49	18.46	19.20
	256QAM	36	39	18.45	18.48	18.44	19.20
		75	0	18.41	18.45	18.41	19.20
		1	0	18.34	18.37	18.31	19.20
		1	38	18.62	18.55	18.56	19.20
		1	74	18.49	18.49	18.50	19.20
		36	0	18.36	18.33	18.38	19.20
20MHz	QPSK	36	18	18.42	18.44	18.43	19.20
		36	39	18.46	18.49	18.49	19.20
		75	0	18.45	18.49	18.47	19.20
	16QAM	1	0	/	18.27	/	19.20
		1	50	/	18.33	/	19.20
		1	99	/	18.32	/	19.20
		50	0	/	18.37	/	19.20
		50	25	/	18.38	/	19.20
		50	50	/	18.40	/	19.20
	64QAM	100	0	/	18.35	/	19.20
		1	0	/	18.52	/	19.20
		1	50	/	18.41	/	19.20
		1	99	/	18.46	/	19.20
		50	0	/	18.12	/	19.20
		50	25	/	18.42	/	19.20
	256QAM	50	50	/	18.40	/	19.20
		100	0	/	18.37	/	19.20
		1	0	/	18.43	/	19.20
		1	50	/	18.38	/	19.20
		1	99	/	18.52	/	19.20
		50	0	/	18.40	/	19.20
		50	25	/	18.42	/	19.20
		50	50	/	18.42	/	19.20
		100	0	/	18.40	/	19.20
	16QAM	1	0	/	18.29	/	19.20
		1	50	/	18.53	/	19.20
		1	99	/	18.45	/	19.20
		50	0	/	18.30	/	19.20
		50	25	/	18.41	/	19.20
		50	50	/	18.45	/	19.20
	64QAM	100	0	/	18.41	/	19.20
		1	0	/	18.29	/	19.20
		1	50	/	18.53	/	19.20
		1	99	/	18.45	/	19.20
		50	0	/	18.30	/	19.20
		50	25	/	18.41	/	19.20
	256QAM	50	50	/	18.45	/	19.20
		100	0	/	18.41	/	19.20

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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	18.75	18.85	18.82	19.70
		1	2	18.88	18.81	19.00	19.70
		1	5	18.75	18.87	18.90	19.70
		3	0	18.95	18.86	18.89	19.70
		3	2	18.96	18.91	18.89	19.70
		3	3	18.90	18.83	18.98	19.70
		6	0	18.82	18.86	18.88	19.70
	16QAM	1	0	19.02	19.07	19.00	19.70
		1	2	18.86	18.90	18.95	19.70
		1	5	18.98	19.10	18.91	19.70
		3	0	18.69	18.68	18.54	19.70
		3	2	18.90	18.91	18.90	19.70
		3	3	18.88	18.90	19.02	19.70
		6	0	18.91	18.91	18.95	19.70
	64QAM	1	0	18.95	18.98	18.97	19.70
		1	2	18.91	18.94	18.87	19.70
		1	5	19.04	19.01	19.12	19.70
		3	0	18.95	19.01	19.04	19.70
		3	2	19.03	18.91	18.98	19.70
		3	3	18.93	19.02	19.04	19.70
		6	0	18.95	18.95	18.86	19.70
	256QAM	1	0	18.89	18.92	18.75	19.70
		1	2	19.14	19.14	18.99	19.70
		1	5	19.01	19.05	19.07	19.70
		3	0	18.87	18.83	18.90	19.70
		3	2	18.99	18.97	18.99	19.70
		3	3	19.01	19.04	18.91	19.70
		6	0	19.03	18.99	18.95	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	18.90	18.84	18.79	19.70
		1	7	18.81	18.96	18.96	19.70
		1	14	18.93	18.91	18.93	19.70
		8	0	18.90	18.88	18.91	19.70
		8	4	18.91	18.89	18.94	19.70
		8	7	18.88	18.96	19.03	19.70
		15	0	18.87	18.98	18.84	19.70
	16QAM	1	0	19.13	19.11	19.08	19.70
		1	7	19.07	19.01	18.90	19.70
		1	14	19.13	19.02	19.07	19.70
		8	0	18.61	18.73	18.76	19.70
		8	4	19.04	18.90	18.98	19.70
		8	7	18.90	18.92	19.03	19.70
		15	0	18.95	18.93	18.84	19.70
	64QAM	1	0	18.94	18.93	19.00	19.70
		1	7	18.95	18.83	18.86	19.70
		1	14	18.98	18.93	19.12	19.70
		8	0	19.00	18.99	18.97	19.70
		8	4	19.07	18.90	18.92	19.70
		8	7	19.05	18.88	19.01	19.70
		15	0	19.00	18.99	18.85	19.70
	256QAM	1	0	18.71	18.74	18.78	19.70
		1	7	19.10	19.05	19.08	19.70
		1	14	18.88	19.07	18.99	19.70
		8	0	18.90	18.88	18.85	19.70
		8	4	18.95	19.06	19.01	19.70
		8	7	18.92	18.95	19.09	19.70
		15	0	18.93	18.89	19.05	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				19975	20175	20375		
5MHz	QPSK	1	0	18.78	18.86	18.80	19.70	
		1	13	18.88	18.93	18.88	19.70	
		1	24	18.99	18.98	18.85	19.70	
		12	0	18.96	19.00	19.01	19.70	
		12	6	18.93	18.92	18.94	19.70	
		12	13	18.95	18.87	19.02	19.70	
	25	0	18.92	19.01	19.00	19.70		
	16QAM	1	0	18.99	18.98	19.02	19.70	
		1	13	18.97	19.06	18.90	19.70	
		1	24	19.09	19.10	19.05	19.70	
		12	0	18.65	18.71	18.60	19.70	
		12	6	18.92	18.94	19.03	19.70	
		12	13	18.88	19.07	18.94	19.70	
	25	0	18.83	18.88	18.82	19.70		
	64QAM	1	0	19.05	18.94	19.02	19.70	
		1	13	18.98	19.03	18.88	19.70	
		1	24	19.04	19.09	19.09	19.70	
		12	0	18.95	18.98	18.91	19.70	
		12	6	18.94	18.99	18.96	19.70	
		12	13	18.90	18.89	18.96	19.70	
	25	0	18.89	18.90	18.91	19.70		
	256QAM	1	0	18.81	18.84	18.94	19.70	
		1	13	19.01	19.08	19.03	19.70	
		1	24	19.08	18.94	18.94	19.70	
12		0	18.79	18.90	18.90	19.70		
12		6	18.95	19.02	18.90	19.70		
12		13	19.03	19.04	19.06	19.70		
25	0	18.83	18.88	19.03	19.70			
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up	
10MHz	QPSK	1	0	18.94	18.88	18.81	19.70	
		1	25	18.89	18.96	18.99	19.70	
		1	49	18.85	18.78	18.89	19.70	
		25	0	18.85	18.89	19.00	19.70	
		25	13	18.98	18.91	18.96	19.70	
		25	25	19.03	18.86	18.85	19.70	
	16QAM	50	0	18.92	18.93	18.91	19.70	
		1	0	19.14	19.06	19.05	19.70	
		1	25	18.95	19.00	18.87	19.70	
		1	49	19.07	19.07	18.98	19.70	
		25	0	18.63	18.75	18.68	19.70	
		25	13	18.92	19.07	18.93	19.70	
	64QAM	25	25	18.86	18.96	18.86	19.70	
		50	0	18.79	18.86	19.01	19.70	
		1	0	18.92	18.94	19.01	19.70	
		1	25	18.99	19.01	19.05	19.70	
		1	49	18.97	19.05	19.07	19.70	
		25	0	19.06	18.95	19.02	19.70	
	256QAM	25	13	18.84	18.95	18.90	19.70	
		25	25	18.93	19.05	19.06	19.70	
		50	0	18.86	18.89	18.99	19.70	
		1	0	18.86	18.85	18.87	19.70	
		1	25	19.00	19.07	19.06	19.70	
		1	49	18.99	19.08	19.06	19.70	
Bandwidth	Modulation	25	0	18.87	18.86	18.79	19.70	
		25	13	18.90	18.90	18.97	19.70	
		25	25	19.06	19.05	19.05	19.70	
		50	0	18.98	18.89	18.91	19.70	
		1	0	18.86	18.85	18.87	19.70	
		1	25	19.00	19.07	19.06	19.70	
	16QAM	1	49	18.99	19.08	19.06	19.70	
		25	0	18.87	18.86	18.79	19.70	
		25	13	18.90	18.90	18.97	19.70	
		25	25	19.06	19.05	19.05	19.70	
		50	0	18.98	18.89	18.91	19.70	
		1	0	18.86	18.85	18.87	19.70	
	Bandwidth	Modulation	1	25	19.00	19.07	19.06	19.70
			1	49	18.99	19.08	19.06	19.70
			25	0	18.87	18.86	18.79	19.70
			25	13	18.90	18.90	18.97	19.70
			25	25	19.06	19.05	19.05	19.70
			50	0	18.98	18.89	18.91	19.70
		16QAM	1	0	18.94	18.88	18.81	19.70
			1	25	18.89	18.96	18.99	19.70

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15MHz	QPSK	1	0	18.95	18.86	18.89	19.70
		1	38	18.89	18.93	18.84	19.70
		1	74	18.88	18.87	18.87	19.70
		36	0	18.97	18.99	18.94	19.70
		36	18	18.81	18.88	18.83	19.70
		36	39	18.92	18.99	19.07	19.70
	16QAM	75	0	18.90	18.86	18.92	19.70
		1	0	19.14	19.02	19.13	19.70
		1	38	18.94	18.91	18.97	19.70
		1	74	18.93	18.95	18.95	19.70
		36	0	18.64	18.56	18.58	19.70
		36	18	18.94	18.97	18.91	19.70
	64QAM	36	39	19.04	19.03	18.89	19.70
		75	0	18.98	18.97	18.94	19.70
		1	0	18.94	19.00	18.89	19.70
		1	38	18.89	18.83	18.97	19.70
		1	74	19.01	19.04	19.02	19.70
		36	0	19.04	18.81	19.04	19.70
	256QAM	36	18	18.96	18.89	18.86	19.70
		36	39	18.86	18.93	18.86	19.70
		75	0	18.91	18.98	18.92	19.70
		1	0	18.82	18.89	18.71	19.70
		1	38	19.06	19.02	19.08	19.70
		1	74	19.00	19.05	18.90	19.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	18.90	/	19.70
		1	50	/	18.93	/	19.70
		1	99	/	18.86	/	19.70
		50	0	/	19.02	/	19.70
		50	25	/	18.92	/	19.70
		50	50	/	18.99	/	19.70
	16QAM	100	0	/	18.91	/	19.70
		1	0	/	19.02	/	19.70
		1	50	/	18.94	/	19.70
		1	99	/	19.00	/	19.70
		50	0	/	18.60	/	19.70
		50	25	/	19.00	/	19.70
	64QAM	50	50	/	19.06	/	19.70
		100	0	/	18.99	/	19.70
		1	0	/	18.97	/	19.70
		1	50	/	18.83	/	19.70
		1	99	/	19.01	/	19.70
		50	0	/	18.80	/	19.70
		50	25	/	18.85	/	19.70
		50	50	/	18.96	/	19.70
		100	0	/	18.96	/	19.70
	256QAM	1	0	/	18.86	/	19.70
		1	50	/	19.00	/	19.70
		1	99	/	19.00	/	19.70
		50	0	/	18.92	/	19.70
		50	25	/	18.97	/	19.70
		50	50	/	18.93	/	19.70
		100	0	/	19.03	/	19.70

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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	22.75	22.73	22.66	23.20
		1	2	22.75	22.71	22.46	23.20
		1	5	22.84	22.74	22.78	23.20
		3	0	22.28	22.23	22.30	23.20
		3	2	22.33	22.31	22.24	23.20
		3	3	22.42	22.37	22.30	23.20
		6	0	22.36	22.33	22.32	23.20
	16QAM	1	0	22.34	21.96	22.34	23.20
		1	2	22.21	22.37	22.28	23.20
		1	5	22.27	22.18	22.35	23.20
		3	0	22.28	22.30	22.27	23.20
		3	2	22.34	22.28	22.36	23.20
		3	3	22.47	22.35	22.29	23.20
		6	0	22.37	22.36	22.17	23.20
	64QAM	1	0	22.29	21.87	22.13	23.20
		1	2	22.17	21.89	22.28	23.20
		1	5	22.21	21.83	22.38	23.20
		3	0	22.04	22.01	22.10	23.20
		3	2	22.14	22.16	22.04	23.20
		3	3	22.21	22.08	22.10	23.20
		6	0	22.19	22.09	22.10	22.70
	256QAM	1	0	20.09	20.16	19.90	20.70
		1	2	20.11	20.17	20.08	20.70
		1	5	20.29	20.28	20.17	20.70
		3	0	20.01	20.08	19.98	20.70
		3	2	20.08	20.07	20.06	20.70
		3	3	20.09	20.10	20.06	20.70
		6	0	20.14	20.09	19.98	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	22.68	22.74	22.60	23.20
		1	7	22.76	22.72	22.54	23.20
		1	14	22.82	22.77	22.84	23.20
		8	0	22.36	22.21	22.27	23.20
		8	4	22.27	22.30	22.26	23.20
		8	7	22.37	22.29	22.29	23.20
		15	0	22.37	22.29	22.31	23.20
	16QAM	1	0	22.35	21.90	22.38	23.20
		1	7	22.27	22.38	22.30	23.20
		1	14	22.23	22.15	22.34	23.20
		8	0	22.31	22.23	22.31	23.20
		8	4	22.36	22.19	22.38	23.20
		8	7	22.46	22.25	22.21	23.20
		15	0	22.38	22.30	22.26	23.20
	64QAM	1	0	22.33	21.83	22.11	23.20
		1	7	22.18	21.85	22.29	23.20
		1	14	22.18	21.82	22.34	23.20
		8	0	22.05	22.02	22.12	22.70
		8	4	22.10	22.19	22.05	22.70
		8	7	22.16	22.10	22.03	22.70
		15	0	22.23	22.09	22.05	22.70
	256QAM	1	0	20.05	20.12	19.88	20.70
		1	7	20.05	20.13	20.05	20.70
		1	14	20.22	20.29	20.19	20.70
		8	0	20.05	20.09	19.98	20.70
		8	4	20.10	19.98	20.10	20.70
		8	7	20.14	20.02	20.08	20.70



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Bandwidth	Modulation	15 RB size	0 RB offset	20.14 Channel 19975	20.09 Channel 20175	19.98 Channel 20375	20.70 Tune up
5MHz	QPSK	1	0	22.74	22.72	22.62	23.20
		1	13	22.72	22.72	22.50	23.20
		1	24	22.77	22.69	22.76	23.20
		12	0	22.32	22.25	22.22	23.20
		12	6	22.32	22.31	22.18	23.20
		12	13	22.45	22.34	22.27	23.20
	16QAM	25	0	22.42	22.24	22.30	23.20
		1	0	22.33	21.99	22.29	23.20
		1	13	22.21	22.40	22.31	23.20
		1	24	22.27	22.10	22.35	23.20
		12	0	22.35	22.23	22.25	23.20
		12	6	22.29	22.23	22.36	23.20
	64QAM	12	13	22.40	22.27	22.26	23.20
		25	0	22.37	22.27	22.20	23.20
		1	0	22.33	21.82	22.10	23.20
		1	13	22.14	21.91	22.30	23.20
		1	24	22.18	21.89	22.36	23.20
		12	0	22.08	22.00	22.08	22.70
10MHz	QPSK	12	6	22.13	22.19	21.96	22.70
		12	13	22.16	22.07	22.02	22.70
		25	0	22.16	22.07	22.11	22.70
	16QAM	1	0	20.13	20.13	19.92	20.70
		1	13	20.08	20.12	20.06	20.70
		1	24	20.23	20.32	20.11	20.70
	64QAM	12	0	20.10	20.05	20.03	20.70
		12	6	20.12	20.02	20.05	20.70
		12	13	20.10	20.08	20.05	20.70
		25	0	20.12	20.09	20.00	20.70
	256QAM	1	0	22.74	22.70	22.57	23.20
		1	25	22.74	22.81	22.46	23.20
		1	49	22.80	22.73	22.78	23.20
		25	0	22.29	22.20	22.29	23.20
		25	13	22.28	22.36	22.23	23.20
		25	25	22.40	22.29	22.22	23.20
10MHz	QPSK	50	0	22.41	22.30	22.28	23.20
		1	0	22.33	21.98	22.35	23.20
		1	25	22.19	22.35	22.36	23.20
		1	49	22.27	22.09	22.29	23.20
		25	0	22.35	22.28	22.28	23.20
		25	13	22.31	22.22	22.36	23.20
	16QAM	25	25	22.42	22.28	22.21	23.20
		50	0	22.36	22.34	22.25	23.20
	64QAM	1	0	22.32	21.82	22.10	23.20
		1	25	22.19	21.88	22.26	23.20
		1	49	22.23	21.85	22.37	23.20
		25	0	22.13	22.01	22.12	22.70
	256QAM	25	13	22.09	22.12	21.95	22.70
		25	25	22.16	22.13	22.10	22.70
		50	0	22.15	22.05	22.05	22.70
		1	0	20.09	20.17	19.90	20.70
		1	25	20.12	20.12	20.08	20.70
		1	49	20.24	20.32	20.20	20.70
	256QAM	25	0	20.02	20.13	19.95	20.70
		25	13	20.06	20.06	20.10	20.70
		25	25	20.11	20.11	20.02	20.70
		50	0	20.09	20.12	20.02	20.70



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.68	22.64	22.62	23.20
		1	38	22.79	22.71	22.52	23.20
		1	74	22.76	22.77	22.75	23.20
		36	0	22.33	22.25	22.21	23.20
		36	18	22.30	22.29	22.20	23.20
		36	39	22.39	22.34	22.30	23.20
		75	0	22.43	22.29	22.31	23.20
	16QAM	1	0	22.28	21.95	22.32	23.20
		1	38	22.18	22.36	22.29	23.20
		1	74	22.28	22.13	22.34	23.20
		36	0	22.34	22.27	22.27	23.20
		36	18	22.35	22.22	22.29	23.20
		36	39	22.39	22.32	22.22	23.20
		75	0	22.30	22.36	22.25	23.20
	64QAM	1	0	22.24	21.81	22.09	23.20
		1	38	22.14	21.84	22.25	23.20
		1	74	22.18	21.86	22.37	23.20
		36	0	22.06	22.05	22.08	22.70
		36	18	22.15	22.16	21.95	22.70
		36	39	22.20	22.11	22.03	22.70
		75	0	22.13	22.08	22.12	22.70
	256QAM	1	0	20.11	20.14	19.88	20.70
		1	38	20.06	20.12	20.14	20.70
		1	74	20.21	20.31	20.11	20.70
		36	0	20.00	20.11	19.95	20.70
		36	18	20.06	20.00	20.03	20.70
		36	39	20.12	20.07	20.08	20.70
		75	0	20.08	20.07	19.99	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	22.68	/	23.20
		1	50	/	22.71	/	23.20
		1	99	/	22.80	/	23.20
		50	0	/	22.22	/	23.20
		50	25	/	22.28	/	23.20
		50	50	/	22.33	/	23.20
		100	0	/	22.29	/	23.20
	16QAM	1	0	/	21.98	/	23.20
		1	50	/	22.35	/	23.20
		1	99	/	22.11	/	23.20
		50	0	/	22.21	/	23.20
		50	25	/	22.28	/	23.20
		50	50	/	22.34	/	23.20
		100	0	/	22.28	/	23.20
	64QAM	1	0	/	21.85	/	23.20
		1	50	/	21.84	/	23.20
		1	99	/	21.82	/	23.20
		50	0	/	22.01	/	22.70
		50	25	/	22.15	/	22.70
		50	50	/	22.09	/	22.70
		100	0	/	22.00	/	22.70
	256QAM	1	0	/	20.17	/	20.70
		1	50	/	20.16	/	20.70
		1	99	/	20.23	/	20.70
		50	0	/	20.07	/	20.70
		50	25	/	20.07	/	20.70
		50	50	/	20.17	/	20.70
		100	0	/	20.11	/	20.70



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LTE Band 7 DSI0				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	24.48	24.84	24.86	25.70
		1	13	24.32	24.43	24.44	25.70
		1	24	24.69	24.52	24.46	25.70
		12	0	23.72	23.67	23.71	24.70
		12	6	23.55	23.67	23.72	24.70
		12	13	23.64	23.89	23.92	24.70
		25	0	23.63	23.61	23.56	24.70
	16QAM	1	0	23.42	23.69	23.76	24.70
		1	13	23.61	23.72	23.81	24.70
		1	24	23.78	23.91	23.93	24.70
		12	0	22.59	22.76	22.68	23.70
		12	6	22.64	22.80	22.89	23.70
		12	13	22.92	22.66	22.58	23.70
		25	0	22.60	22.65	22.67	23.70
	64QAM	1	0	22.80	22.69	22.72	23.70
		1	13	22.60	22.63	22.60	23.70
		1	24	22.73	22.97	22.96	23.70
		12	0	21.88	21.43	21.36	22.70
		12	6	21.84	21.72	21.79	22.70
		12	13	21.80	21.48	21.41	22.70
		25	0	21.55	21.72	21.77	22.70
	256QAM	1	0	19.73	19.72	19.65	20.70
		1	13	19.47	19.82	19.89	20.70
		1	24	19.78	19.95	19.98	20.70
		12	0	19.56	19.85	19.94	20.70
		12	6	19.85	19.56	19.66	20.70
		12	13	19.69	19.80	19.80	20.70
		25	0	19.80	19.63	19.57	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	24.53	24.74	24.77	25.70
		1	25	24.39	24.50	24.43	25.70
		1	49	24.69	24.55	24.52	25.70
		25	0	23.70	23.63	23.54	24.70
		25	13	23.63	23.68	23.72	24.70
		25	25	23.68	23.90	23.92	24.70
		50	0	23.65	23.65	23.75	24.70
	16QAM	1	0	23.49	23.67	23.63	24.70
		1	25	23.65	23.82	23.82	24.70
		1	49	23.75	23.93	24.03	24.70
		25	0	22.63	22.68	22.75	23.70
		25	13	22.61	22.82	22.83	23.70
		25	25	22.83	22.74	22.70	23.70
		50	0	22.60	22.62	22.55	23.70
	64QAM	1	0	22.78	22.69	22.76	23.70
		1	25	22.58	22.67	22.69	23.70
		1	49	22.79	22.90	23.00	23.70
		25	0	21.81	21.52	21.50	22.70
		25	13	21.79	21.66	21.62	22.70
		25	25	21.71	21.57	21.52	22.70
		50	0	21.62	21.80	21.77	22.70
	256QAM	1	0	19.74	19.68	19.77	20.70
		1	25	19.57	19.84	19.86	20.70
		1	49	19.82	19.91	20.01	20.70
		25	0	19.62	19.88	19.93	20.70
		25	13	19.79	19.60	19.59	20.70



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Bandwidth	Modulation	25	25	19.64	19.79	19.82	20.70
		50	0	19.79	19.63	19.64	20.70
		RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	24.48	24.68	24.73	25.70
		1	38	24.37	24.60	24.53	25.70
		1	74	24.66	24.59	24.65	25.70
		36	0	23.66	23.72	23.64	24.70
		36	18	23.63	23.70	23.71	24.70
		36	39	23.66	23.84	23.75	24.70
		75	0	23.69	23.70	23.66	24.70
	16QAM	1	0	23.46	23.72	23.78	24.70
		1	38	23.61	23.78	23.86	24.70
		1	74	23.73	23.85	23.92	24.70
		36	0	22.73	22.77	22.82	23.70
		36	18	22.63	22.73	22.66	23.70
		36	39	22.79	22.81	22.83	23.70
		75	0	22.66	22.71	22.74	23.70
	64QAM	1	0	22.71	22.79	22.73	23.70
		1	38	22.59	22.75	22.82	23.70
		1	74	22.80	22.85	22.88	23.70
		36	0	21.72	21.55	21.62	22.70
		36	18	21.75	21.56	21.59	22.70
		36	39	21.81	21.65	21.69	22.70
		75	0	21.66	21.72	21.71	22.70
	256QAM	1	0	19.76	19.67	19.65	20.70
		1	38	19.53	19.79	19.69	20.70
		1	74	19.86	19.83	19.83	20.70
		36	0	19.72	19.82	19.80	20.70
		36	18	19.74	19.65	19.71	20.70
		36	39	19.70	19.78	19.86	20.70
		75	0	19.76	19.71	19.66	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	24.55	24.63	24.64	25.70
		1	50	24.47	24.56	24.61	25.70
		1	99	24.63	24.63	24.71	25.70
		50	0	23.66	23.77	23.69	24.70
		50	25	23.69	23.75	23.71	24.70
		50	50	23.68	23.75	23.68	24.70
		100	0	23.68	23.78	23.83	24.70
	16QAM	1	0	23.48	23.74	24.03	24.70
		1	50	23.62	23.69	23.67	24.70
		1	99	23.64	23.87	23.60	24.70
		50	0	22.71	22.78	22.84	23.70
		50	25	22.70	22.69	22.76	23.70
		50	50	22.70	22.73	22.74	23.70
		100	0	22.67	22.68	22.76	23.70
	64QAM	1	0	22.71	22.84	22.78	23.70
		1	50	22.62	22.81	22.70	23.70
		1	99	22.76	22.80	22.72	23.70
		50	0	21.67	21.65	21.68	22.70
		50	25	21.68	21.57	21.66	22.70
		50	50	21.72	21.70	21.62	22.70
		100	0	21.69	21.73	21.72	22.70
	256QAM	1	0	19.67	19.67	20.08	20.70
		1	50	19.56	19.74	19.85	20.70
		1	99	19.82	19.81	19.68	20.70
		50	0	19.66	19.74	19.83	20.70
		50	25	19.64	19.70	19.68	20.70
		50	50	19.70	19.70	19.70	20.70
		50	50	19.70	19.70	19.70	20.70



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