

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

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

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		8	0	18.70	18.80	18.92	20.00
		8	4	18.97	18.74	18.41	20.00
		8	7	18.96	18.68	18.88	20.00
		15	0	18.87	18.85	18.83	20.00
	16QAM	1	0	18.96	18.84	19.02	20.00
		1	7	19.03	18.76	18.92	20.00
		1	14	19.14	18.88	19.05	20.00
		8	0	18.85	18.98	18.91	20.00
		8	4	18.82	18.83	18.79	20.00
		8	7	18.94	18.94	18.90	20.00
		15	0	18.92	18.86	18.82	20.00
	64QAM	1	0	18.56	18.81	18.87	20.00
		1	7	18.83	18.99	18.91	20.00
		1	14	18.85	18.91	18.95	20.00
		8	0	18.76	18.86	18.90	20.00
		8	4	19.03	18.91	18.86	20.00
		8	7	18.84	18.83	18.94	20.00
		15	0	18.87	18.95	18.98	20.00
	256QAM	1	0	18.44	18.90	18.91	20.00
		1	7	19.05	18.89	19.02	20.00
		1	14	18.86	19.09	18.86	20.00
		8	0	18.61	18.96	18.99	20.00
		8	4	18.88	18.82	18.88	20.00
		8	7	18.96	18.91	18.85	20.00
		15	0	18.94	18.84	18.87	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	18.95	18.60	18.56	20.00
		1	13	18.84	18.85	18.78	20.00
		1	24	18.79	18.67	18.78	20.00
		12	0	18.84	18.74	19.04	20.00
		12	6	18.86	18.67	18.42	20.00
		12	13	19.12	18.57	18.71	20.00
	16QAM	25	0	19.03	18.90	18.95	20.00
		1	0	18.98	18.72	18.93	20.00
		1	13	19.03	18.61	18.73	20.00
		1	24	19.26	18.98	19.00	20.00
		12	0	18.89	18.91	18.77	20.00
		12	6	18.84	18.85	18.85	20.00
	64QAM	12	13	18.86	19.01	18.95	20.00
		25	0	18.98	18.78	18.87	20.00
		1	0	18.61	18.78	18.88	20.00
		1	13	18.87	18.89	19.02	20.00
		1	24	18.66	18.79	18.95	20.00
		12	0	18.86	18.81	18.80	20.00
	256QAM	12	6	18.81	18.89	18.88	20.00
		12	13	18.81	18.93	18.87	20.00
		25	0	18.81	18.97	18.89	20.00
		1	0	18.43	19.01	19.07	20.00
		1	13	18.96	18.97	19.00	20.00
		1	24	19.00	19.14	18.89	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	18.93	18.60	18.72	20.00
		1	25	18.69	18.78	18.89	20.00
		1	49	18.89	18.70	18.69	20.00
		25	0	18.77	18.78	18.89	20.00



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		25	13	19.06	18.70	18.55	20.00
		25	25	19.06	18.74	18.76	20.00
		50	0	19.07	18.88	18.79	20.00
	16QAM	1	0	18.85	18.80	18.93	20.00
		1	25	19.04	18.71	18.89	20.00
		1	49	19.13	18.87	18.91	20.00
		25	0	19.04	18.81	18.89	20.00
		25	13	18.92	18.88	18.92	20.00
		25	25	18.88	18.92	18.79	20.00
		50	0	18.83	18.76	18.84	20.00
	64QAM	1	0	18.65	18.77	18.92	20.00
		1	25	18.86	19.02	18.87	20.00
		1	49	18.82	18.87	18.87	20.00
		25	0	18.74	18.90	18.73	20.00
		25	13	18.85	18.91	18.86	20.00
		25	25	18.77	18.98	18.94	20.00
		50	0	18.82	19.02	18.77	20.00
	256QAM	1	0	18.76	18.98	18.98	20.00
		1	25	18.94	18.73	19.02	20.00
		1	49	18.91	19.02	18.94	20.00
		25	0	18.59	18.91	18.86	20.00
		25	13	18.84	18.54	18.80	20.00
		25	25	18.85	18.94	18.81	20.00
		50	0	18.93	18.83	18.74	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	18.97	18.65	18.70	20.00
		1	38	18.85	18.82	18.82	20.00
		1	74	18.91	18.60	18.74	20.00
		36	0	18.81	18.84	18.81	20.00
		36	18	18.88	18.85	18.45	20.00
		36	39	19.10	18.77	18.80	20.00
		75	0	19.07	18.83	18.88	20.00
	16QAM	1	0	18.79	18.88	18.95	20.00
		1	38	19.08	18.78	18.80	20.00
		1	74	19.20	18.85	19.05	20.00
		36	0	18.89	18.86	18.94	20.00
		36	18	18.84	18.90	18.93	20.00
		36	39	18.85	18.93	18.82	20.00
		75	0	18.82	18.79	18.86	20.00
	64QAM	1	0	18.54	18.76	18.79	20.00
		1	38	18.87	18.82	18.84	20.00
		1	74	18.79	18.86	18.91	20.00
		36	0	18.81	18.92	18.87	20.00
		36	18	19.01	18.84	18.75	20.00
		36	39	18.86	18.99	18.94	20.00
		75	0	18.87	18.83	18.82	20.00
	256QAM	1	0	18.34	19.00	18.94	20.00
		1	38	18.98	18.89	18.91	20.00
		1	74	18.81	18.99	18.93	20.00
		36	0	18.71	18.80	18.87	20.00
		36	18	18.83	18.66	18.74	20.00
		36	39	18.95	18.89	18.79	20.00
		75	0	18.88	18.85	18.80	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	18.89	18.65	18.55	20.00
		1	50	18.51	18.85	18.88	20.00
		1	99	18.44	18.66	18.78	20.00
		50	0	18.99	18.62	18.81	20.00
		50	25	18.93	18.69	18.39	20.00



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	16QAM	50	50	18.98	18.70	18.87	20.00
		100	0	18.90	18.86	18.94	20.00
		1	0	18.94	18.74	18.94	20.00
		1	50	19.06	18.78	18.72	20.00
		1	99	19.15	18.88	18.96	20.00
		50	0	19.19	18.97	18.88	20.00
		50	25	18.80	18.79	18.91	20.00
		50	50	18.88	18.94	18.84	20.00
		100	0	18.96	18.81	18.86	20.00
	64QAM	1	0	18.78	18.80	18.78	20.00
		1	50	19.02	18.93	18.83	20.00
		1	99	18.83	18.84	18.94	20.00
		50	0	18.86	18.78	18.94	20.00
		50	25	18.95	18.83	18.84	20.00
		50	50	18.85	18.90	18.80	20.00
	256QAM	100	0	18.92	18.88	18.93	20.00
		1	0	18.28	18.89	18.92	20.00
		1	50	19.08	18.84	18.96	20.00
		1	99	18.85	18.98	18.93	20.00
		50	0	18.77	18.90	18.84	20.00
		50	25	18.82	18.72	18.76	20.00
		50	50	19.04	18.93	18.80	20.00
		100	0	18.99	18.79	18.82	20.00

LTE Band 4 DS10/1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	24.96	24.88	24.92	25.70
		1	2	24.99	24.99	25.00	25.70
		1	5	25.03	24.91	24.93	25.70
		3	0	24.42	24.31	24.36	25.70
		3	2	24.42	24.33	24.34	25.70
		3	3	24.44	24.57	24.36	25.70
	16QAM	6	0	24.10	23.99	24.06	24.70
		1	0	24.42	24.10	23.86	24.70
		1	2	24.14	24.09	24.10	24.70
		1	5	24.23	24.08	23.96	24.70
		3	0	23.39	23.34	23.35	24.70
		3	2	23.40	23.44	23.33	24.70
	64QAM	3	3	23.46	23.30	23.37	24.70
		6	0	23.12	23.01	23.06	23.70
		1	0	23.14	22.90	22.92	23.70
		1	2	23.26	23.25	23.01	23.70
		1	5	23.11	23.09	23.00	23.70
		3	0	22.37	22.49	22.37	23.70
	256QAM	3	2	22.44	22.50	22.34	23.70
		3	3	22.49	22.55	22.35	23.70
		6	0	22.15	22.01	22.06	22.70
		1	0	20.26	19.99	19.98	20.70
		1	2	20.21	20.07	20.06	20.70
		1	5	19.88	19.94	20.02	20.70
3MHz	QPSK	3	0	19.96	19.97	20.04	20.70
		3	2	20.09	20.05	20.05	20.70
		3	3	20.15	20.05	20.04	20.70
		6	0	20.03	20.00	20.03	20.70



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		1	14	25.03	24.93	24.87	25.70
		8	0	24.14	24.02	24.00	24.70
		8	4	24.06	24.01	24.07	24.70
		8	7	24.10	23.91	24.11	24.70
		15	0	24.07	23.96	24.07	24.70
	16QAM	1	0	24.39	24.16	23.89	24.70
		1	7	24.19	24.08	24.06	24.70
		1	14	24.24	24.07	23.91	24.70
		8	0	23.12	23.06	23.04	23.70
		8	4	23.09	23.07	23.09	23.70
	64QAM	8	7	23.12	23.00	23.11	23.70
		15	0	23.16	22.99	23.01	23.70
		1	0	23.11	22.94	22.87	23.70
		1	7	23.25	23.19	23.05	23.70
		1	14	23.09	23.11	22.98	23.70
	256QAM	8	0	22.13	21.89	22.11	22.70
		8	4	22.13	21.91	22.00	22.70
		8	7	22.24	21.89	22.01	22.70
		15	0	22.17	21.95	22.07	22.70
		1	0	20.32	20.05	20.03	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	24.91	24.83	24.87	25.70
		1	13	25.02	24.93	24.98	25.70
		1	24	25.05	24.89	24.99	25.70
		12	0	24.08	24.02	24.01	24.70
		12	6	24.18	24.03	24.06	24.70
	16QAM	12	13	24.12	23.97	24.07	24.70
		25	0	24.15	24.03	24.09	24.70
		1	0	24.47	24.10	23.85	24.70
		1	13	24.11	24.04	24.05	24.70
		1	24	24.24	24.03	23.96	24.70
	64QAM	12	0	23.13	23.00	23.04	23.70
		12	6	23.16	23.06	23.00	23.70
		12	13	23.22	23.21	23.06	23.70
		25	0	23.16	22.98	23.01	23.70
		1	0	23.11	22.93	22.93	23.70
	256QAM	1	13	23.30	23.26	22.99	23.70
		1	24	23.07	23.03	23.06	23.70
		12	0	22.04	21.93	22.04	22.70
		12	6	22.19	21.89	22.03	22.70
		12	13	22.17	22.01	22.01	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	24.99	24.92	24.90	25.70
		1	25	24.95	24.96	24.95	25.70
		1	49	25.01	24.97	24.88	25.70



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		25	0	24.17	24.04	24.08	24.70
		25	13	24.06	24.00	24.05	24.70
		25	25	24.18	23.97	24.11	24.70
		50	0	24.16	24.05	24.09	24.70
	16QAM	1	0	24.43	24.08	23.91	24.70
		1	25	24.20	24.03	24.05	24.70
		1	49	24.19	24.13	23.97	24.70
		25	0	23.06	23.04	23.00	23.70
		25	13	23.07	23.09	23.04	23.70
		25	25	23.14	23.10	23.11	23.70
		50	0	23.18	23.07	23.07	23.70
	64QAM	1	0	23.13	22.96	22.94	23.70
		1	25	23.28	23.25	22.98	23.70
		1	49	23.10	23.04	22.96	23.70
		25	0	22.11	21.88	22.04	22.70
		25	13	22.09	21.93	22.02	22.70
		25	25	22.15	22.00	22.08	22.70
		50	0	22.16	22.04	22.02	22.70
	256QAM	1	0	20.25	20.01	19.97	20.70
		1	25	20.17	20.06	20.11	20.70
		1	49	19.99	19.95	20.02	20.70
		25	0	20.06	20.01	20.05	20.70
		25	13	20.18	20.06	20.05	20.70
		25	25	20.20	20.03	19.99	20.70
		50	0	20.07	19.94	20.05	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	25.02	24.87	24.94	25.70
		1	38	24.96	24.94	24.97	25.70
		1	74	25.03	24.94	24.92	25.70
		36	0	24.10	24.02	24.00	24.70
		36	18	24.16	24.01	24.01	24.70
		36	39	24.08	24.00	24.12	24.70
		75	0	24.08	24.01	24.00	24.70
	16QAM	1	0	24.41	24.08	23.89	24.70
		1	38	24.10	24.06	24.15	24.70
		1	74	24.24	24.09	23.98	24.70
		36	0	23.08	23.01	23.03	23.70
		36	18	23.12	23.10	23.08	23.70
		36	39	23.11	23.08	23.06	23.70
		75	0	23.09	22.99	23.04	23.70
	64QAM	1	0	23.17	22.87	22.97	23.70
		1	38	23.28	23.20	23.07	23.70
		1	74	23.11	23.04	23.06	23.70
		36	0	22.12	21.90	22.11	22.70
		36	18	22.13	21.96	22.10	22.70
		36	39	22.24	21.99	22.02	22.70
		75	0	22.20	22.04	22.08	22.70
	256QAM	1	0	20.29	19.96	19.99	20.70
		1	38	20.18	20.06	20.07	20.70
		1	74	19.85	19.93	19.99	20.70
		36	0	20.00	20.03	19.98	20.70
		36	18	20.10	20.01	20.11	20.70
		36	39	20.17	20.01	19.99	20.70
		75	0	20.02	20.05	20.05	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	24.89	/	25.70
		1	50	/	24.98	/	25.70
		1	99	/	24.86	/	25.70
		50	0	/	23.97	/	24.70



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		50	25	/	23.98	/	24.70
		50	50	/	23.95	/	24.70
		100	0	/	23.98	/	24.70
	16QAM	1	0	/	24.04	/	24.70
		1	50	/	24.12	/	24.70
		1	99	/	24.06	/	24.70
		50	0	/	23.08	/	23.70
		50	25	/	23.20	/	23.70
		50	50	/	23.16	/	23.70
		100	0	/	23.02	/	23.70
	64QAM	1	0	/	22.85	/	23.70
		1	50	/	23.25	/	23.70
		1	99	/	23.05	/	23.70
		50	0	/	21.85	/	22.70
		50	25	/	21.94	/	22.70
		50	50	/	21.89	/	22.70
		100	0	/	21.97	/	22.70
	256QAM	1	0	/	19.94	/	20.70
		1	50	/	20.05	/	20.70
		1	99	/	19.91	/	20.70
		50	0	/	20.02	/	20.70
		50	25	/	20.06	/	20.70
		50	50	/	20.00	/	20.70
		100	0	/	19.97	/	20.70

LTE Band 4 DSI3/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	20.02	20.21	20.18	20.70
		1	2	20.20	20.32	20.35	20.70
		1	5	20.30	20.28	20.20	20.70
		3	0	19.71	19.55	19.71	20.70
		3	2	19.62	19.63	19.64	20.70
		3	3	19.80	19.93	19.70	20.70
		6	0	20.36	20.30	20.33	20.70
	16QAM	1	0	20.45	20.31	20.14	20.70
		1	2	20.47	20.48	20.35	20.70
		1	5	20.55	20.41	20.20	20.70
		3	0	19.75	19.69	19.63	20.70
		3	2	19.70	19.81	19.68	20.70
		3	3	19.69	19.63	19.71	20.70
		6	0	20.37	20.29	20.34	20.70
	64QAM	1	0	20.36	20.19	20.12	20.70
		1	2	20.58	20.48	20.21	20.70
		1	5	20.34	20.37	20.31	20.70
		3	0	19.64	19.85	19.64	20.70
		3	2	19.73	19.71	19.60	20.70
		3	3	19.75	19.95	19.56	20.70
		6	0	20.38	20.27	20.36	20.70
	256QAM	1	0	20.53	20.23	20.19	20.70
		1	2	20.56	20.37	20.42	20.70
		1	5	20.26	20.21	20.24	20.70
3		0	20.19	20.19	20.25	20.70	
3		2	20.34	20.27	20.42	20.70	
3		3	20.52	20.45	20.32	20.70	
		6	0	20.26	20.27	20.39	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	20.29	20.34	20.12	20.70



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		1	7	20.28	20.20	20.33	20.70
		1	14	20.34	20.14	20.25	20.70
		8	0	20.47	20.26	20.38	20.70
		8	4	20.38	20.40	20.36	20.70
		8	7	20.50	20.30	20.36	20.70
		15	0	20.37	20.29	20.36	20.70
	16QAM	1	0	20.42	20.55	20.22	20.70
		1	7	20.51	20.35	20.45	20.70
		1	14	20.57	20.33	20.18	20.70
		8	0	20.46	20.29	20.29	20.70
		8	4	20.49	20.44	20.45	20.70
		8	7	20.42	20.22	20.32	20.70
	64QAM	1	0	20.36	20.20	20.40	20.70
		1	0	20.41	20.17	20.16	20.70
		1	7	20.59	20.41	20.25	20.70
		1	14	20.45	20.41	20.30	20.70
		8	0	20.52	20.17	20.40	20.70
		8	4	20.41	20.30	20.25	20.70
	256QAM	8	7	20.50	20.26	20.38	20.70
		15	0	20.50	20.30	20.38	20.70
		1	0	20.60	20.40	20.23	20.70
		1	7	20.53	20.49	20.37	20.70
		1	14	20.16	20.13	20.23	20.70
		8	0	20.36	20.19	20.37	20.70
5MHz	QPSK	8	4	20.36	20.35	20.24	20.70
		8	7	20.48	20.44	20.33	20.70
		15	0	20.17	20.24	20.30	20.70
		1	0	20.30	20.14	20.09	20.70
		1	13	20.24	20.14	20.25	20.70
		1	24	20.41	20.15	20.31	20.70
	16QAM	12	0	20.31	20.26	20.35	20.70
		12	6	20.54	20.29	20.38	20.70
		12	13	20.49	20.37	20.45	20.70
		25	0	20.55	20.39	20.43	20.70
		1	0	20.43	20.33	20.20	20.70
		1	13	20.33	20.34	20.27	20.70
	64QAM	1	24	20.44	20.37	20.21	20.70
		12	0	20.53	20.22	20.26	20.70
		12	6	20.48	20.26	20.38	20.70
		12	13	20.58	20.45	20.30	20.70
		25	0	20.36	20.18	20.31	20.70
		1	0	20.47	20.33	20.13	20.70
	256QAM	1	13	20.58	20.47	20.37	20.70
		1	24	20.47	20.42	20.45	20.70
		12	0	20.31	20.17	20.32	20.70
		12	6	20.47	20.20	20.27	20.70
		12	13	20.39	20.21	20.32	20.70
		25	0	20.39	20.42	20.33	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
10MHz	QPSK	1	0	20.38	20.25	20.17	20.70
		1	25	20.32	20.19	20.34	20.70



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		1	49	20.23	20.19	20.17	20.70
		25	0	20.52	20.26	20.42	20.70
		25	13	20.41	20.35	20.39	20.70
		25	25	20.41	20.33	20.33	20.70
		50	0	20.54	20.40	20.44	20.70
	16QAM	1	0	20.41	20.29	20.13	20.70
		1	25	20.49	20.38	20.34	20.70
		1	49	20.41	20.52	20.20	20.70
		25	0	20.43	20.33	20.24	20.70
		25	13	20.34	20.39	20.29	20.70
		25	25	20.47	20.34	20.31	20.70
		50	0	20.58	20.29	20.43	20.70
	64QAM	1	0	20.44	20.16	20.26	20.70
		1	25	20.56	20.57	20.25	20.70
		1	49	20.42	20.27	20.24	20.70
		25	0	20.33	20.13	20.44	20.70
		25	13	20.40	20.15	20.23	20.70
		25	25	20.54	20.24	20.37	20.70
		50	0	20.52	20.38	20.31	20.70
	256QAM	1	0	20.65	20.31	20.32	20.70
		1	25	20.52	20.34	20.45	20.70
		1	49	20.27	20.16	20.22	20.70
		25	0	20.28	20.27	20.38	20.70
		25	13	20.46	20.37	20.38	20.70
		25	25	20.47	20.27	20.21	20.70
		50	0	20.29	20.24	20.45	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.30	20.23	20.15	20.70
		1	38	20.22	20.30	20.31	20.70
		1	74	20.42	20.15	20.19	20.70
		36	0	20.47	20.40	20.28	20.70
		36	18	20.50	20.25	20.41	20.70
		36	39	20.46	20.38	20.44	20.70
		75	0	20.36	20.32	20.22	20.70
	16QAM	1	0	20.41	20.45	20.23	20.70
		1	38	20.37	20.29	20.39	20.70
		1	74	20.52	20.42	20.37	20.70
		36	0	20.43	20.37	20.42	20.70
		36	18	20.32	20.42	20.43	20.70
		36	39	20.43	20.48	20.39	20.70
		75	0	20.40	20.25	20.33	20.70
	64QAM	1	0	20.45	20.19	20.18	20.70
		1	38	20.51	20.58	20.47	20.70
		1	74	20.44	20.38	20.32	20.70
		36	0	20.38	20.27	20.44	20.70
		36	18	20.41	20.16	20.43	20.70
		36	39	20.60	20.38	20.24	20.70
		75	0	20.40	20.42	20.31	20.70
	256QAM	1	0	20.63	20.18	20.20	20.70
		1	38	20.46	20.38	20.28	20.70
		1	74	20.06	20.26	20.38	20.70
		36	0	20.36	20.38	20.36	20.70
		36	18	20.31	20.36	20.34	20.70
		36	39	20.37	20.21	20.26	20.70
		75	0	20.42	20.45	20.39	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	20175	/	
20MHz	QPSK	1	0	/	20.25	/	20.70
		1	50	/	20.35	/	20.70
		1	99	/	20.19	/	20.70



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		50	0	/	20.35	/	20.70
		50	25	/	20.24	/	20.70
		50	50	/	20.36	/	20.70
		100	0	/	20.31	/	20.70
	16QAM	1	0	/	20.41	/	20.70
		1	50	/	20.29	/	20.70
		1	99	/	20.41	/	20.70
		50	0	/	20.35	/	20.70
		50	25	/	20.38	/	20.70
		50	50	/	20.48	/	20.70
		100	0	/	20.30	/	20.70
	64QAM	1	0	/	20.21	/	20.70
		1	50	/	20.53	/	20.70
		1	99	/	20.38	/	20.70
		50	0	/	20.26	/	20.70
		50	25	/	20.11	/	20.70
		50	50	/	20.38	/	20.70
		100	0	/	20.38	/	20.70
	256QAM	1	0	/	20.18	/	20.70
		1	50	/	20.43	/	20.70
		1	99	/	20.29	/	20.70
		50	0	/	20.40	/	20.70
		50	25	/	20.38	/	20.70
		50	50	/	20.19	/	20.70
		100	0	/	20.46	/	20.70

LTE Band 7 DSI0/1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	25.09	24.96	24.96	25.70
		1	13	24.89	24.93	24.89	25.70
		1	24	24.91	24.82	24.99	25.70
		12	0	24.12	23.85	23.95	24.70
		12	6	24.18	24.05	24.13	24.70
		12	13	24.13	23.98	24.07	24.70
	16QAM	25	0	24.10	23.98	24.08	24.70
		1	0	24.37	23.99	23.89	24.70
		1	13	23.89	23.96	24.01	24.70
		1	24	23.84	24.04	24.06	24.70
		12	0	23.04	22.91	22.92	23.70
		12	6	23.02	22.82	22.92	23.70
		12	13	22.87	22.86	22.87	23.70
		25	0	23.06	22.99	22.90	23.70
	64QAM	1	0	23.00	22.94	22.87	23.70
		1	13	23.07	23.12	23.03	23.70
		1	24	22.90	23.04	22.96	23.70
		12	0	22.34	22.01	22.08	22.70
		12	6	22.17	21.83	21.99	22.70
		12	13	21.94	21.93	21.86	22.70
		25	0	22.22	22.03	21.98	22.70
		1	0	20.35	20.30	20.25	20.70
	256QAM	1	13	20.25	20.18	20.08	20.70
		1	24	20.00	20.09	20.10	20.70
		12	0	20.09	19.87	19.81	20.70
		12	6	19.96	20.12	20.02	20.70
		12	13	19.81	19.96	19.94	20.70
		25	0	19.99	19.90	19.92	20.70



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10MHz	QPSK	1	0	25.16	24.88	24.95	25.70
		1	25	24.81	24.96	24.89	25.70
		1	49	24.89	24.90	24.82	25.70
		25	0	24.19	23.93	24.02	24.70
		25	13	24.27	24.04	24.09	24.70
		25	25	24.18	24.04	24.06	24.70
	16QAM	50	0	24.07	24.06	24.15	24.70
		1	0	24.35	23.83	23.93	24.70
		1	25	23.80	23.94	23.97	24.70
		1	49	23.94	24.07	24.15	24.70
		25	0	23.12	22.83	22.99	23.70
		25	13	23.10	22.88	22.95	23.70
	64QAM	25	25	22.96	22.81	22.97	23.70
		50	0	23.07	23.01	23.00	23.70
		1	0	22.96	22.87	22.91	23.70
		1	25	23.12	23.11	23.13	23.70
		1	49	22.87	23.06	23.03	23.70
		25	0	22.27	21.94	21.86	22.70
	256QAM	25	13	22.09	21.89	21.84	22.70
		25	25	21.99	21.92	22.02	22.70
		50	0	22.17	22.06	22.10	22.70
		1	0	20.37	20.35	20.35	20.70
		1	25	20.16	20.16	20.10	20.70
		1	49	20.02	20.03	20.05	20.70
15MHz	QPSK	25	0	20.02	19.96	19.99	20.70
		25	13	20.04	20.07	20.15	20.70
		25	25	19.95	19.91	19.97	20.70
		50	0	20.03	19.96	20.03	20.70
		1	0	25.19	24.95	24.88	25.70
		1	38	24.83	24.99	25.09	25.70
	16QAM	1	74	24.87	24.93	24.94	25.70
		36	0	24.29	23.86	23.98	24.70
		36	18	24.20	24.04	23.99	24.70
		36	39	24.16	23.99	23.91	24.70
		75	0	24.14	24.00	24.01	24.70
		1	0	24.39	23.87	23.89	24.70
	64QAM	1	38	23.88	23.97	23.92	24.70
		1	74	24.02	24.02	24.09	24.70
		36	0	23.12	22.90	22.85	23.70
		36	18	23.03	22.82	22.82	23.70
		36	39	23.02	22.88	22.98	23.70
		75	0	23.14	22.96	22.90	23.70
	256QAM	1	0	22.96	22.90	22.97	23.70
		1	38	23.21	23.11	23.02	23.70
		1	74	22.94	23.01	23.00	23.70
		36	0	22.26	22.00	21.98	22.70
		36	18	22.15	21.93	21.87	22.70
		36	39	21.91	21.88	21.96	22.70
20MHz	QPSK	75	0	22.19	21.99	21.95	22.70
		1	0	20.46	20.25	20.28	20.70
		1	38	20.22	20.23	20.14	20.70
		1	74	20.01	20.12	20.08	20.70
		36	0	20.00	20.06	20.05	20.70
		36	18	20.14	19.98	19.99	20.70
	16QAM	36	39	19.82	19.81	19.94	20.70
		75	0	20.01	19.88	19.80	20.70
		1	0	25.10	24.88	25.07	25.70
		1	38	24.83	24.99	25.09	25.70
		1	74	24.87	24.93	24.94	25.70
		36	0	24.29	23.86	23.98	24.70
	64QAM	36	18	24.20	24.04	23.99	24.70
		36	39	24.16	23.99	23.91	24.70
		75	0	24.14	24.00	24.01	24.70
		1	0	24.39	23.87	23.89	24.70
		1	38	23.88	23.97	23.92	24.70
		1	74	24.02	24.02	24.09	24.70
	256QAM	36	0	23.12	22.90	22.85	23.70
		36	18	23.03	22.82	22.82	23.70
		36	39	23.02	22.88	22.98	23.70
		75	0	23.14	22.96	22.90	23.70
		1	0	22.96	22.90	22.97	23.70
		1	38	23.21	23.11	23.02	23.70

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		1	50	24.82	24.94	24.88	25.70
		1	99	24.86	24.87	24.98	25.70
		50	0	24.22	23.92	24.20	24.70
		50	25	24.13	24.04	24.19	24.70
		50	50	24.08	24.06	24.21	24.70
		100	0	24.16	24.04	24.21	24.70
	16QAM	1	0	24.35	23.94	24.19	24.70
		1	50	23.83	23.97	24.29	24.70
		1	99	24.12	24.08	24.22	24.70
		50	0	23.19	22.83	23.21	23.70
		50	25	23.06	22.89	23.16	23.70
		50	50	22.95	22.93	23.14	23.70
	64QAM	100	0	23.10	22.91	23.21	23.70
		1	0	23.01	22.88	23.21	23.70
		1	50	23.24	23.08	23.28	23.70
		1	99	22.98	23.03	22.92	23.70
		50	0	22.22	22.10	22.23	22.70
		50	25	22.15	21.87	22.19	22.70
	256QAM	50	50	22.00	21.94	22.03	22.70
		100	0	22.15	22.00	22.21	22.70
		1	0	20.38	20.24	20.31	20.70
		1	50	20.19	20.17	20.13	20.70
		1	99	20.08	20.10	20.39	20.70
		50	0	20.08	20.03	20.16	20.70
		50	25	20.16	19.95	20.12	20.70
		50	50	19.90	19.89	20.17	20.70
		100	0	20.01	19.93	20.18	20.70

LTE Band 7 DSI3/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	19.84	19.60	19.59	20.20
		1	13	19.57	19.56	19.59	20.20
		1	24	19.55	19.53	19.62	20.20
		12	0	19.84	19.59	19.63	20.20
		12	6	19.81	19.70	19.76	20.20
		12	13	19.92	19.76	19.84	20.20
	16QAM	25	0	19.71	19.60	19.68	20.20
		1	0	20.15	19.70	19.50	20.20
		1	13	19.51	19.71	19.65	20.20
		1	24	19.51	19.82	19.79	20.20
		12	0	19.67	19.65	19.72	20.20
		12	6	19.73	19.54	19.60	20.20
	64QAM	12	13	19.51	19.62	19.48	20.20
		25	0	19.80	19.73	19.50	20.20
		1	0	19.72	19.59	19.54	20.20
		1	13	19.73	19.72	19.80	20.20
		1	24	19.60	19.83	19.71	20.20
		12	0	19.96	19.68	19.84	20.20
	256QAM	12	6	19.91	19.46	19.78	20.20
		12	13	19.65	19.71	19.47	20.20
		25	0	19.89	19.72	19.76	20.20
		1	0	19.96	19.93	19.88	20.20
		1	13	20.01	19.92	19.82	20.20
		1	24	19.60	19.69	19.89	20.20
		12	0	19.77	19.58	19.44	20.20
		12	6	19.64	19.92	19.72	20.20
		12	13	19.50	19.56	19.69	20.20
		25	0	19.68	19.50	19.69	20.20



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	19.93	19.62	19.63	20.20
		1	25	19.43	19.73	19.69	20.20
		1	49	19.56	19.61	19.54	20.20
		25	0	19.91	19.72	19.65	20.20
		25	13	19.87	19.80	19.75	20.20
		25	25	19.91	19.67	19.76	20.20
		50	0	19.70	19.66	19.81	20.20
	16QAM	1	0	20.09	19.61	19.56	20.20
		1	25	19.58	19.56	19.57	20.20
		1	49	19.71	19.69	19.80	20.20
		25	0	19.75	19.56	19.71	20.20
		25	13	19.77	19.62	19.69	20.20
		25	25	19.71	19.47	19.63	20.20
		50	0	19.73	19.67	19.68	20.20
	64QAM	1	0	19.73	19.52	19.53	20.20
		1	25	19.84	19.90	19.87	20.20
		1	49	19.62	19.84	19.75	20.20
		25	0	20.04	19.59	19.51	20.20
		25	13	19.79	19.57	19.44	20.20
		25	25	19.64	19.60	19.75	20.20
		50	0	19.86	19.73	19.82	20.20
	256QAM	1	0	20.02	20.14	20.04	20.20
		1	25	19.76	19.83	19.81	20.20
		1	49	19.72	19.72	19.85	20.20
		25	0	19.80	19.57	19.60	20.20
		25	13	19.83	19.76	19.93	20.20
		25	25	19.62	19.53	19.63	20.20
		50	0	19.67	19.65	19.79	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	19.93	19.56	19.51	20.20
		1	38	19.53	19.63	19.76	20.20
		1	74	19.57	19.59	19.74	20.20
		36	0	19.98	19.57	19.74	20.20
		36	18	19.82	19.81	19.76	20.20
		36	39	19.86	19.61	19.63	20.20
		75	0	19.84	19.73	19.65	20.20
	16QAM	1	0	20.11	19.56	19.68	20.20
		1	38	19.53	19.66	19.63	20.20
		1	74	19.62	19.63	19.87	20.20
		36	0	19.85	19.68	19.63	20.20
		36	18	19.77	19.49	19.54	20.20
		36	39	19.67	19.54	19.77	20.20
		75	0	19.84	19.57	19.51	20.20
	64QAM	1	0	19.66	19.70	19.74	20.20
		1	38	19.85	19.75	19.77	20.20
		1	74	19.57	19.68	19.65	20.20
		36	0	19.91	19.61	19.63	20.20
		36	18	19.81	19.56	19.53	20.20
		36	39	19.51	19.63	19.61	20.20
		75	0	19.85	19.79	19.56	20.20
	256QAM	1	0	20.20	19.95	19.99	20.20
		1	38	19.93	19.88	19.80	20.20
		1	74	19.70	19.77	19.81	20.20
		36	0	19.69	19.76	19.67	20.20
		36	18	19.90	19.75	19.77	20.20
		36	39	19.43	19.51	19.74	20.20
		75	0	19.78	19.68	19.43	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				20850	21100	21350	
20MHz	QPSK	1	0	19.73	19.86	19.85	20.20
		1	50	19.55	19.65	19.60	20.20
		1	99	19.48	19.63	19.59	20.20
		50	0	19.98	19.54	19.89	20.20
		50	25	19.90	19.67	20.00	20.20
		50	50	19.84	19.76	19.90	20.20
		100	0	19.96	19.73	19.96	20.20
	16QAM	1	0	20.02	19.61	19.83	20.20
		1	50	19.54	19.64	19.99	20.20
		1	99	19.91	19.75	20.01	20.20
		50	0	19.95	19.44	19.91	20.20
		50	25	19.72	19.55	19.76	20.20
		50	50	19.58	19.61	19.90	20.20
		100	0	19.73	19.52	20.00	20.20
	64QAM	1	0	19.78	19.66	20.00	20.20
		1	50	19.99	19.70	20.05	20.20
		1	99	19.58	19.80	19.63	20.20
		50	0	19.85	19.76	20.00	20.20
		50	25	19.87	19.48	19.80	20.20
		50	50	19.64	19.68	19.75	20.20
		100	0	19.77	19.69	19.81	20.20
	256QAM	1	0	20.00	19.84	20.00	20.20
		1	50	19.90	19.91	19.81	20.20
		1	99	19.85	19.80	20.18	20.20
		50	0	19.72	19.67	19.79	20.20
		50	25	19.85	19.60	19.77	20.20
		50	50	19.62	19.59	19.82	20.20
		100	0	19.67	19.57	19.91	20.20

LTE Band 66 DSI0/1				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel 131979	Channel 132322	Channel 132665	Tune up
1.4MHz	QPSK	1	0	25.13	25.18	25.00	25.70
		1	2	25.28	25.24	24.99	25.70
		1	5	25.24	25.23	25.08	25.70
		3	0	24.95	24.87	24.82	25.70
		3	1	24.89	24.88	24.77	25.70
		3	3	24.96	24.90	24.77	25.70
	16QAM	6	0	24.36	24.30	24.25	24.70
		1	0	24.40	24.33	24.38	24.70
		1	2	24.66	24.33	24.18	24.70
		1	5	24.12	24.21	24.29	24.70
		3	0	23.77	23.76	23.56	24.70
		3	1	23.76	23.71	23.58	24.70
	64QAM	3	3	23.81	23.70	23.56	24.70
		6	0	23.32	23.27	23.21	23.70
		1	0	23.39	23.14	23.33	23.70
		1	2	23.53	23.27	23.30	23.70
		1	5	23.66	23.30	23.40	23.70
		3	0	23.18	23.30	23.33	23.70
	256QAM	3	1	23.18	23.30	23.16	23.70
		3	3	23.16	23.33	23.19	23.70
		6	0	22.41	22.35	22.17	22.70
		1	0	20.48	20.01	19.98	20.70
		1	2	20.49	20.38	20.30	20.70
		1	5	20.49	20.24	20.16	20.70
		3	0	20.46	20.53	20.55	20.70
		3	1	20.62	20.50	20.39	20.70



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Bandwidth	Modulation	3	3	20.59	20.47	20.29	20.70
		6	0	20.36	20.36	20.08	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	25.05	25.15	24.92	25.70
		1	7	25.23	25.21	24.98	25.70
		1	14	25.19	25.31	25.14	25.70
		8	0	24.29	24.32	24.23	24.70
		8	4	24.32	24.27	24.21	24.70
		8	7	24.32	24.29	24.16	24.70
	16QAM	15	0	24.30	24.34	24.18	24.70
		1	0	24.33	24.31	24.35	24.70
		1	7	24.63	24.27	24.22	24.70
		1	14	24.70	24.12	24.33	24.70
		8	0	23.38	23.35	23.26	23.70
		8	4	23.34	23.36	23.22	23.70
	64QAM	8	7	23.32	23.32	23.24	23.70
		15	0	23.34	23.27	23.21	23.70
		1	0	23.41	23.16	23.27	23.70
		1	7	23.48	23.25	23.29	23.70
		1	14	23.57	23.23	23.36	23.70
		8	0	22.38	22.38	22.20	22.70
	256QAM	8	4	22.43	22.25	22.16	22.70
		8	7	22.39	22.35	22.20	22.70
		15	0	22.41	22.37	22.22	22.70
		1	0	20.43	20.03	20.04	20.70
		1	7	20.44	20.41	20.27	20.70
		1	14	20.53	20.31	20.21	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	25.14	25.22	24.93	25.70
		1	13	25.26	25.29	25.01	25.70
		1	24	25.28	25.25	25.07	25.70
		12	0	24.26	24.32	24.18	24.70
		12	6	24.33	24.27	24.23	24.70
		12	13	24.34	24.34	24.23	24.70
	16QAM	25	0	24.37	24.33	24.21	24.70
		1	0	24.38	24.31	24.33	24.70
		1	13	24.63	24.29	24.16	24.70
		1	24	24.12	24.15	24.30	24.70
		12	0	23.37	23.29	23.19	23.70
		12	6	23.38	23.34	23.19	23.70
	64QAM	12	13	23.31	23.38	23.16	23.70
		25	0	23.39	23.31	23.18	23.70
		1	0	23.41	23.19	23.27	23.70
		1	13	23.50	23.20	23.28	23.70
		1	24	23.66	23.24	23.43	23.70
		12	0	22.41	22.34	22.16	22.70
	256QAM	12	6	22.39	22.26	22.11	22.70
		12	13	22.43	22.37	22.20	22.70
		25	0	22.42	22.31	22.17	22.70
		1	0	20.43	20.03	20.04	20.70
		1	13	20.45	20.34	20.20	20.70
		1	24	20.46	20.30	20.17	20.70
		12	0	20.23	20.38	20.45	20.70
		12	6	20.38	20.33	20.19	20.70
		12	13	20.43	20.31	20.11	20.70
		12	13	20.43	20.31	20.11	20.70



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Bandwidth	Modulation	25	0	20.40	20.33	20.05	20.70
		RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	25.09	25.13	25.00	25.70
		1	25	25.26	25.20	25.01	25.70
		1	49	25.21	25.30	25.12	25.70
		25	0	24.30	24.31	24.18	24.70
		25	13	24.35	24.27	24.15	24.70
		25	25	24.37	24.27	24.21	24.70
	16QAM	50	0	24.34	24.30	24.21	24.70
		1	0	24.43	24.28	24.35	24.70
		1	25	24.57	24.33	24.12	24.70
		1	49	24.70	24.20	24.34	24.70
		25	0	23.31	23.30	23.20	23.70
		25	13	23.40	23.36	23.24	23.70
	64QAM	25	25	23.36	23.29	23.15	23.70
		50	0	23.32	23.36	23.24	23.70
		1	0	23.34	23.12	23.32	23.70
		1	25	23.46	23.22	23.33	23.70
		1	49	23.65	23.29	23.40	23.70
		25	0	22.42	22.31	22.17	22.70
	256QAM	25	13	22.36	22.33	22.19	22.70
		25	25	22.35	22.33	22.18	22.70
		50	0	22.39	22.33	22.22	22.70
		1	0	20.38	19.99	20.05	20.70
		1	25	20.48	20.42	20.25	20.70
		1	49	20.55	20.24	20.19	20.70
15MHz	QPSK	25	0	20.22	20.33	20.35	20.70
		25	13	20.39	20.32	20.16	20.70
		25	25	20.48	20.34	20.13	20.70
		50	0	20.38	20.30	20.07	20.70
	16QAM	1	0	25.07	25.17	24.94	25.70
		1	38	25.22	25.26	24.99	25.70
		1	74	25.25	25.24	25.07	25.70
		36	0	24.27	24.27	24.20	24.70
		36	18	24.26	24.35	24.24	24.70
		36	39	24.36	24.33	24.18	24.70
	64QAM	75	0	24.36	24.31	24.19	24.70
		1	0	24.36	24.24	24.39	24.70
		1	38	24.61	24.31	24.19	24.70
		1	74	24.06	24.12	24.24	24.70
		36	0	23.30	23.33	23.17	23.70
		36	18	23.39	23.31	23.16	23.70
	256QAM	36	39	23.35	23.36	23.16	23.70
		75	0	23.38	23.33	23.20	23.70
		1	0	23.36	23.13	23.26	23.70
		1	38	23.47	23.26	23.31	23.70
		1	74	23.61	23.24	23.37	23.70
		36	0	22.39	22.28	22.13	22.70
		36	18	22.33	22.31	22.11	22.70
		36	39	22.39	22.37	22.14	22.70
		75	0	22.42	22.36	22.18	22.70
		1	0	20.47	19.95	20.05	20.70
		1	38	20.47	20.34	20.27	20.70
		1	74	20.52	20.31	20.21	20.70
		36	0	20.24	20.33	20.25	20.70
		36	18	20.35	20.26	20.13	20.70
		36	39	20.46	20.32	20.15	20.70
		75	0	20.39	20.37	20.05	20.70



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	25.10	25.18	24.96	25.70
		1	50	25.26	25.24	25.02	25.70
		1	99	25.24	25.26	25.09	25.70
		50	0	24.31	24.32	24.20	24.70
		50	25	24.30	24.30	24.19	24.70
		50	50	24.35	24.32	24.18	24.70
		100	0	24.34	24.34	24.20	24.70
	16QAM	1	0	24.38	24.29	24.36	24.70
		1	50	24.62	24.28	24.17	24.70
		1	99	24.03	24.16	24.29	24.70
		50	0	23.35	23.31	23.21	23.70
		50	25	23.37	23.32	23.21	23.70
		50	50	23.36	23.34	23.19	23.70
		100	0	23.35	23.31	23.20	23.70
	64QAM	1	0	23.38	23.17	23.29	23.70
		1	50	23.49	23.25	23.31	23.70
		1	99	23.61	23.27	23.39	23.70
		50	0	22.37	22.33	22.17	22.70
		50	25	22.38	22.30	22.16	22.70
		50	50	22.40	22.33	22.18	22.70
		100	0	22.39	22.35	22.20	22.70
	256QAM	1	0	20.43	19.99	20.00	20.70
		1	50	20.47	20.39	20.25	20.70
		1	99	20.51	20.29	20.18	20.70
		50	0	20.23	20.33	20.35	20.70
		50	25	20.39	20.28	20.14	20.70
		50	50	20.43	20.32	20.11	20.70
		100	0	20.36	20.33	20.09	20.70

LTE Band 66 DS13/4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.79	19.96	19.68	20.20
		1	2	20.01	20.02	19.66	20.20
		1	5	20.01	19.91	19.73	20.20
		3	0	19.62	19.52	19.47	20.20
		3	1	19.59	19.59	19.43	20.20
		3	3	19.58	19.65	19.56	20.20
		6	0	20.01	19.91	19.89	20.20
	16QAM	1	0	20.03	20.05	20.11	20.20
		1	2	20.16	20.09	19.96	20.20
		1	5	19.91	20.00	20.08	20.20
		3	0	19.46	19.43	19.27	20.20
		3	1	19.55	19.49	19.35	20.20
		3	3	19.54	19.40	19.18	20.20
		6	0	20.08	19.94	19.93	20.20
	64QAM	1	0	20.19	19.84	19.94	20.20
		1	2	20.18	20.02	20.02	20.20
		1	5	20.20	20.02	20.18	20.20
		3	0	19.83	20.06	19.96	20.20
		3	1	19.78	19.98	19.85	20.20
		3	3	19.84	19.98	19.97	20.20
		6	0	20.03	19.99	19.85	20.20
	256QAM	1	0	20.19	19.80	19.60	20.20
		1	2	20.05	19.79	19.85	20.20
		1	5	20.01	19.66	19.66	20.20
		3	0	19.91	20.05	20.13	20.20



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		3	1	20.02	19.97	19.99	20.20
		3	3	20.08	20.04	19.70	20.20
		6	0	20.09	19.98	19.72	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	19.69	19.94	19.67	20.20
		1	7	19.84	19.93	19.72	20.20
		1	14	19.81	19.97	19.80	20.20
		8	0	20.06	19.94	19.84	20.20
		8	4	19.95	20.02	19.84	20.20
		8	7	19.93	19.95	19.82	20.20
		15	0	19.95	20.01	19.78	20.20
	16QAM	1	0	20.08	20.04	20.13	20.20
		1	7	20.14	19.93	19.84	20.20
		1	14	20.16	19.89	20.06	20.20
		8	0	20.04	19.95	19.93	20.20
		8	4	20.08	20.08	19.94	20.20
		8	7	20.03	20.00	19.97	20.20
		15	0	19.96	20.03	19.90	20.20
	64QAM	1	0	20.08	19.82	19.93	20.20
		1	7	20.03	19.87	19.89	20.20
		1	14	20.08	20.02	20.16	20.20
		8	0	20.03	20.09	19.81	20.20
		8	4	20.10	19.94	19.89	20.20
		8	7	20.10	20.03	19.95	20.20
		15	0	20.04	19.99	19.89	20.20
	256QAM	1	0	20.19	19.74	19.70	20.20
		1	7	20.11	20.20	19.91	20.20
		1	14	20.09	19.92	19.94	20.20
		8	0	19.96	19.91	19.74	20.20
		8	4	19.86	19.93	19.80	20.20
		8	7	20.02	19.89	19.72	20.20
		15	0	19.95	20.03	19.86	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	19.86	19.91	19.58	20.20
		1	13	20.06	20.06	19.78	20.20
		1	24	20.00	19.92	19.69	20.20
		12	0	19.97	19.99	19.79	20.20
		12	6	20.01	19.99	19.92	20.20
		12	13	20.00	20.08	19.91	20.20
		25	0	20.14	20.04	19.97	20.20
	16QAM	1	0	20.18	20.01	20.05	20.20
		1	13	20.07	20.03	19.96	20.20
		1	24	19.88	19.91	19.97	20.20
		12	0	20.10	19.99	19.83	20.20
		12	6	20.10	19.98	19.96	20.20
		12	13	20.04	20.17	19.76	20.20
		25	0	20.09	20.02	19.86	20.20
	64QAM	1	0	20.18	19.82	20.03	20.20
		1	13	20.03	19.94	19.93	20.20
		1	24	20.03	19.91	20.09	20.20
		12	0	20.17	19.97	19.90	20.20
		12	6	20.04	19.95	19.77	20.20
		12	13	20.01	20.09	19.89	20.20
		25	0	20.14	20.06	19.85	20.20
	256QAM	1	0	20.07	19.68	19.82	20.20
		1	13	20.08	19.98	19.87	20.20
		1	24	20.11	19.99	19.77	20.20
		12	0	19.90	20.12	20.15	20.20
		12	6	20.03	20.02	19.98	20.20



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