

# Appendix E

## Conducted RF Output Power

Measurement of RF conducted Power
1 Conducted Power of Main Antenna (Ant1)
1.1 Conducted Power of GSM
1.2 Conducted Power of WCDMA
1.3 Conducted Power of LTE
2 Conducted Power of Main Antenna (Ant2)
2.1 Conducted Power of GSM
2.2 Conducted Power of WCDMA
2.3 Conducted Power of LTE
3 Conducted Power of Main Antenna (Ant3)
3.1 Conducted Power of LTE
4 Conducted Power of Uplink CA
4.1 Conducted Power of Uplink CA (Ant2)
4.2 Conducted Power of Uplink CA (Ant3)
5 Conducted Power of Downlink CA
5.1 Conducted Power of LTE Downlink CA (Ant1)
5.2 Conducted Power of LTE Downlink CA (Ant2)
5.3 Conducted Power of LTE Downlink CA (Ant3)
6 Conducted Power of NR SA Antenna
6.1 Conducted Power of NR SA Antenna (Ant1)
6.2 Conducted Power of NR SA Antenna (Ant2)
6.3 Conducted Power of NR SA Antenna (Ant3)
6.4 Conducted Power of NR SA Antenna (Ant5)



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6.5 Conducted Power of NR SA Antenna (Ant7)
7 Conducted Power of NR MIMO SA Antenna
7.1 Conducted Power of NR MIMO Antenna (Ant2)
7.2 Conducted Power of NR MIMO Antenna (Ant3)
7.3 Conducted Power of NR MIMO Antenna (Ant5)
7.4 Conducted Power of NR MIMO Antenna (Ant7)
8 Conducted Power of NSA(LTE) & Inter_band CA (LTE)
8.1 Conducted Power of NSA(LTE) & Inter_band CA (LTE) (Ant5)
9 Conducted Power of WiFi and Bluetooth
9.1 Conducted Power of 2.4GWiFi
9.2 Conducted Power of 5GWiFi
9.3 Conducted Power of WiFi 6E
9.4 Conducted Power of Bluetooth

Note:

WWAN			
State	Trigger condition	Test antenna	Application scenarios
DSI0	SAR invalid	All antenna	/
DSI1	SAR sensor on, WIFI off, Receive off	Ant 2/5	Body worn&hotspot&Limbs Standalone sensor on
DSI2	SAR sensor off, WIFI on, Receive off	Ant 2/5	Body worn&hotspot&Limbs Simultaneous transmission sensor off
		Ant1/3/6/7	Body worn&hotspot&Limbs Simultaneous transmission Receiver off
DSI3	SAR sensor on, WIFI on, Receive off	Ant 2/5	Body worn&hotspot&Limbs Simultaneous transmission sensor on
DSI4	SAR receive on, WIFI off	All antenna	Head Standalone
DSI5	SAR receive on, WIFI on	All antenna	Head Simultaneous transmission



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DSI6	SAR sensor off, WIFI off, Receive off	Ant 2/5	Body worn&hotspot&Limbs Standalone sensor off
		Ant1/3/7	Body worn&hotspot&Limbs Standalone Receiver off

WLAN			
State	Trigger condition	Test antenna	Application scenarios
Set0	SAR invalid	All antenna	/
Set1	SAR sensor on, WWAN off, Receive off	Ant 9	Body worn&hotspot&Limbs Standalone sensor on
Set2	SAR sensor off, WWAN on, Receive off	Ant 9	Body worn&hotspot&Limbs Simultaneous transmission sensor off
		Ant10/MIMO	Body worn&hotspot&Limbs Simultaneous transmission Receiver off
Set3	SAR sensor on, WWAN on, Receive off	Ant 9	Body worn&hotspot&Limbs Simultaneous transmission sensor on
Set4	SAR receive on, WWAN off	All antenna	Head Standalone
Set5	SAR receive on, WWAN on	All antenna	Head Simultaneous transmission
Set6	SAR sensor off, WWAN off, Receive off	Ant 9	Body worn&hotspot&Limbs Standalone sensor off
		Ant10/MIMO	Body worn&hotspot&Limbs Standalone Receiver off



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**Measurement of RF conducted Power**

**1 Conducted Power of Main Antenna (Ant1)**

**1.1 Conducted Power of GSM**

GSM 850 DS11/2/3/6										
		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	31.01	31.49	31.41	33.00	-9.19	21.82	22.30	22.22	23.81
GPRS (GMSK)	1 TX Slot	31.04	31.50	31.43	33.00	-9.19	21.85	22.31	22.24	23.81
	2 TX Slots	29.41	29.48	29.27	31.00	-6.18	23.23	23.30	23.09	24.82
	3 TX Slots	27.72	27.73	27.99	29.00	-4.42	23.30	23.31	23.57	24.58
	4 TX Slots	25.77	25.71	25.52	27.00	-3.17	22.60	22.54	22.35	23.83
EGPRS (GMSK)	1 TX Slot	31.08	31.52	31.36	33.00	-9.19	21.89	22.33	22.17	23.81
	2 TX Slots	29.51	29.41	29.18	31.00	-6.18	23.33	23.23	23.00	24.82
	3 TX Slots	27.64	27.74	27.96	29.00	-4.42	23.22	23.32	23.54	24.58
	4 TX Slots	25.79	25.75	25.60	27.00	-3.17	22.62	22.58	22.43	23.83
EGPRS (8PSK)	1 TX Slot	26.82	26.93	26.88	27.00	-9.19	17.63	17.74	17.69	17.81
	2 TX Slots	24.83	24.93	24.84	25.00	-6.18	18.65	18.75	18.66	18.82
	3 TX Slots	22.73	22.75	22.83	23.00	-4.42	18.31	18.33	18.41	18.58
	4 TX Slots	20.86	20.64	20.74	21.00	-3.17	17.69	17.47	17.57	17.83

GSM 850 DS14/5										
		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	29.99	29.98	30.03	31.50	-9.19	20.80	20.79	20.84	22.31
GPRS (GMSK)	1 TX Slot	29.97	29.91	29.93	31.50	-9.19	20.78	20.72	20.74	22.31
	2 TX Slots	26.96	26.89	26.96	28.50	-6.18	20.78	20.71	20.78	22.32
	3 TX Slots	25.27	25.19	25.27	26.50	-4.42	20.85	20.77	20.85	22.08
	4 TX Slots	24.25	24.16	24.23	25.50	-3.17	21.08	20.99	21.06	22.33
EGPRS (GMSK)	1 TX Slot	29.88	29.80	29.86	31.50	-9.19	20.69	20.61	20.67	22.31
	2 TX Slots	26.85	26.83	26.92	28.50	-6.18	20.67	20.65	20.74	22.32
	3 TX Slots	25.31	25.28	25.29	26.50	-4.42	20.89	20.86	20.87	22.08
	4 TX Slots	24.37	24.33	24.35	25.50	-3.17	21.20	21.16	21.18	22.33
EGPRS (8PSK)	1 TX Slot	26.68	26.62	26.63	27.00	-9.19	17.49	17.43	17.44	17.81
	2 TX Slots	24.32	24.31	24.36	25.00	-6.18	18.14	18.13	18.18	18.82
	3 TX Slots	22.59	22.58	22.61	23.00	-4.42	18.17	18.16	18.19	18.58
	4 TX Slots	20.53	20.52	20.59	21.00	-3.17	17.36	17.35	17.42	17.83



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## 1.2 Conducted Power of WCDMA

WCDMA Band V DSI1/2/3/6					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	24.65	24.68	24.67	25.00
	12.2kbps AMR	24.62	24.61	24.63	25.00
HSDPA	Subtest 1	23.64	23.67	23.64	24.00
	Subtest 2	23.61	23.63	23.63	24.00
	Subtest 3	23.12	23.17	23.14	24.00
	Subtest 4	23.11	23.16	22.98	24.00
HSUPA	Subtest 1	23.62	23.65	23.63	24.00
	Subtest 2	21.60	21.68	21.58	23.00
	Subtest 3	22.61	22.66	22.63	23.00
	Subtest 4	21.60	21.66	21.63	23.00
	Subtest 5	23.61	23.67	23.63	24.00
HSPA+	16QAM	21.84	21.84	21.79	22.00

WCDMA Band V DSI4/5					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	22.32	22.32	22.21	23.00
	12.2kbps AMR	22.31	22.29	22.18	23.00
HSDPA	Subtest 1	21.29	21.34	21.26	22.00
	Subtest 2	21.29	21.34	21.26	22.00
	Subtest 3	20.80	20.79	20.72	22.00
	Subtest 4	20.79	20.82	20.71	22.00
HSUPA	Subtest 1	21.26	21.31	21.23	22.00
	Subtest 2	19.26	19.34	19.22	21.00
	Subtest 3	20.24	20.29	20.24	21.00
	Subtest 4	19.29	19.31	19.22	21.00
	Subtest 5	21.27	21.32	21.22	22.00
HSPA+	16QAM	19.56	19.56	19.51	20.00



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**1.3 Conducted Power of LTE**

LTE Band 5 DS11/2/3/6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	24.36	24.24	24.17	25.00	
		1	2	24.34	24.32	24.21	25.00	
		1	5	24.33	24.33	24.17	25.00	
		3	0	24.35	24.39	24.21	25.00	
		3	2	24.31	24.29	24.27	25.00	
		3	3	24.36	24.31	24.28	25.00	
	16QAM	1	0	23.18	23.05	23.25	24.00	
		1	2	23.13	22.89	22.96	24.00	
		1	5	23.08	22.81	23.21	24.00	
		3	0	23.38	23.26	23.24	24.00	
		3	2	23.15	23.30	23.07	24.00	
		3	3	23.35	23.23	23.25	24.00	
	64QAM	1	0	22.42	22.15	22.20	23.00	
		1	2	22.00	21.84	21.58	23.00	
		1	5	22.42	21.87	21.94	23.00	
		3	0	21.66	21.60	22.07	23.00	
		3	2	22.05	22.25	22.42	23.00	
		3	3	22.31	22.30	21.99	23.00	
	256QAM	1	0	19.36	19.13	19.00	20.00	
		1	2	19.29	19.33	18.87	20.00	
		1	5	19.05	18.92	19.19	20.00	
		3	0	19.15	19.19	19.16	20.00	
		3	2	19.27	19.16	19.30	20.00	
		3	3	19.38	19.28	19.06	20.00	
	3MHz	QPSK	1	0	24.45	24.33	24.37	25.00
			1	7	24.29	24.30	24.23	25.00
	1		14	24.38	24.29	24.26	25.00	
	8		0	23.20	23.28	23.42	24.00	



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	16QAM	8	4	23.42	23.49	23.31	24.00	
		8	7	23.31	23.50	23.31	24.00	
		15	0	23.34	23.25	23.33	24.00	
		1	0	23.30	23.00	23.24	24.00	
		1	7	23.35	23.48	23.21	24.00	
		1	14	23.16	23.07	23.36	24.00	
		8	0	22.28	22.20	22.42	23.00	
		8	4	22.35	22.36	22.42	23.00	
		8	7	22.25	22.28	22.19	23.00	
	64QAM	15	0	22.38	22.35	22.21	23.00	
		1	0	22.24	22.21	22.49	23.00	
		1	7	22.10	22.26	22.20	23.00	
		1	14	22.87	22.24	21.90	23.00	
		8	0	21.40	21.30	21.33	22.00	
		8	4	21.18	21.31	21.38	22.00	
		8	7	21.34	21.33	21.23	22.00	
		15	0	21.19	21.42	21.32	22.00	
		256QAM	1	0	19.25	18.80	19.47	20.00
	1		7	19.22	19.35	19.34	20.00	
	1		14	19.37	19.36	19.26	20.00	
	8		0	19.38	19.33	19.11	20.00	
	8		4	19.44	19.25	19.37	20.00	
	8		7	19.46	19.27	19.21	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20425	20525	20625	
	5MHz	QPSK	1	0	24.48	24.31	24.38	25.00
			1	13	24.33	24.32	24.29	25.00
1			24	24.30	24.19	24.23	25.00	
12			0	23.19	23.34	23.36	24.00	
12			6	23.42	23.38	23.15	24.00	
12			13	23.29	23.36	23.24	24.00	
25			0	23.20	23.27	23.30	24.00	
16QAM		1	0	23.40	22.85	23.24	24.00	
		1	13	23.41	23.44	23.37	24.00	
		1	24	23.15	23.18	23.35	24.00	
		12	0	22.27	22.22	22.40	23.00	
		12	6	22.29	22.32	22.43	23.00	
		12	13	22.23	22.27	22.25	23.00	
		25	0	22.41	22.30	22.24	23.00	



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	64QAM	1	0	22.26	22.12	22.51	23.00
		1	13	22.14	22.19	22.31	23.00
		1	24	22.95	22.16	21.83	23.00
		12	0	21.32	21.27	21.41	22.00
		12	6	21.17	21.44	21.38	22.00
		12	13	21.23	21.25	21.36	22.00
		25	0	21.24	21.28	21.29	22.00
	256QAM	1	0	19.39	18.87	19.48	20.00
		1	13	19.34	19.46	19.34	20.00
		1	24	19.38	19.22	19.42	20.00
		12	0	19.31	19.19	19.25	20.00
		12	6	19.33	19.41	19.36	20.00
		12	13	19.44	19.43	19.36	20.00
		25	0	19.24	19.38	19.25	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				20450	20525	20600	
<b>10MHz</b>	QPSK	1	0	24.39	24.26	24.29	25.00
		1	25	24.28	24.37	24.26	25.00
		1	49	24.33	24.28	24.18	25.00
		25	0	23.25	23.25	23.35	24.00
		25	13	23.38	23.42	23.25	24.00
		25	25	23.32	23.41	23.25	24.00
		50	0	23.28	23.35	23.25	24.00
	16QAM	1	0	23.36	22.93	23.26	24.00
		1	25	23.34	23.38	23.29	24.00
		1	49	23.15	23.08	23.38	24.00
		25	0	22.33	22.29	22.42	23.00
		25	13	22.29	22.31	22.33	23.00
		25	25	22.24	22.32	22.25	23.00
		50	0	22.36	22.31	22.30	23.00
	64QAM	1	0	22.19	22.13	22.48	23.00
		1	25	22.07	22.27	22.23	23.00
		1	49	22.96	22.20	21.89	23.00
		25	0	21.33	21.33	21.32	22.00
		25	13	21.27	21.37	21.28	22.00
		25	25	21.33	21.33	21.33	22.00
		50	0	21.27	21.35	21.24	22.00
	256QAM	1	0	19.32	18.81	19.44	20.00
		1	25	19.29	19.44	19.33	20.00
		1	49	19.30	19.32	19.33	20.00



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		25	0	19.32	19.24	19.21	20.00
		25	13	19.40	19.33	19.31	20.00
		25	25	19.37	19.35	19.31	20.00
		50	0	19.31	19.32	19.27	20.00

LTE Band 5 DSI4/5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	22.66	22.60	22.75	24.00	
		1	2	22.56	22.71	22.56	24.00	
		1	5	22.78	22.93	22.62	24.00	
		3	0	22.76	22.81	22.79	24.00	
		3	2	22.71	22.75	22.84	24.00	
		3	3	22.87	22.81	22.66	24.00	
		6	0	22.69	22.70	22.80	24.00	
	16QAM	1	0	22.78	22.58	22.99	24.00	
		1	2	23.03	22.07	22.25	24.00	
		1	5	22.53	22.82	22.68	24.00	
		3	0	22.76	22.64	22.89	24.00	
		3	2	22.63	22.80	22.67	24.00	
		3	3	22.71	22.90	22.70	24.00	
		6	0	21.89	21.95	21.99	23.00	
	64QAM	1	0	22.66	21.59	22.05	23.00	
		1	2	22.78	21.94	22.06	23.00	
		1	5	22.69	22.10	21.85	23.00	
		3	0	22.58	21.52	21.95	23.00	
		3	2	22.82	21.88	22.09	23.00	
		3	3	22.76	22.15	21.90	23.00	
		6	0	20.95	20.73	20.92	22.00	
	256QAM	1	0	18.46	18.58	18.92	20.00	
		1	2	18.72	18.93	18.94	20.00	
		1	5	18.94	18.75	18.59	20.00	
		3	0	18.76	18.59	18.94	20.00	
		3	2	18.85	19.06	18.91	20.00	
		3	3	18.74	19.02	18.86	20.00	
		6	0	18.97	18.54	18.90	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20415	20525	20635	



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3MHz	QPSK	1	0	22.79	22.59	22.83	24.00
		1	7	22.58	22.82	22.76	24.00
		1	14	22.66	22.94	22.64	24.00
		8	0	22.68	22.68	22.76	24.00
		8	4	22.84	22.70	22.79	24.00
		8	7	22.78	22.74	22.70	24.00
		15	0	22.69	22.84	22.75	24.00
	16QAM	1	0	22.85	22.56	23.14	24.00
		1	7	23.18	22.10	22.26	24.00
		1	14	22.55	22.80	22.53	24.00
		8	0	21.89	21.74	21.92	23.00
		8	4	21.71	21.97	21.89	23.00
		8	7	21.95	22.00	21.80	23.00
		15	0	22.01	21.91	21.96	23.00
	64QAM	1	0	22.75	21.55	22.06	23.00
		1	7	22.75	21.93	22.05	23.00
		1	14	22.60	21.98	21.89	23.00
		8	0	21.92	20.83	20.83	22.00
		8	4	20.91	20.98	20.90	22.00
		8	7	21.82	21.00	20.89	22.00
		15	0	21.95	20.76	20.96	22.00
	256QAM	1	0	18.60	18.68	18.79	20.00
		1	7	18.86	18.93	19.02	20.00
		1	14	18.89	18.90	18.66	20.00
8		0	18.81	18.52	18.82	20.00	
8		4	19.05	18.89	18.81	20.00	
8		7	18.87	18.89	18.79	20.00	
15		0	18.91	18.66	18.95	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	22.72	22.65	22.93	24.00
		1	13	22.50	22.89	22.61	24.00
		1	24	22.71	22.83	22.63	24.00
		12	0	22.85	22.65	22.85	24.00
		12	6	22.87	22.71	22.76	24.00
		12	13	22.70	22.75	22.68	24.00
		25	0	22.65	22.85	22.87	24.00
	16QAM	1	0	22.75	22.42	23.02	24.00
		1	13	23.20	22.00	22.40	24.00
		1	24	22.54	22.72	22.52	24.00



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		12	0	21.92	21.91	21.82	23.00
		12	6	21.69	21.85	22.02	23.00
		12	13	21.82	21.87	21.80	23.00
		25	0	21.87	21.85	21.97	23.00
	64QAM	1	0	22.70	21.54	22.08	23.00
		1	13	22.78	21.89	22.06	23.00
		1	24	22.74	21.96	21.77	23.00
		12	0	21.80	20.86	20.81	22.00
		12	6	21.93	21.05	20.97	22.00
		12	13	21.94	21.04	20.77	22.00
	256QAM	25	0	21.94	20.87	20.88	22.00
		1	0	18.50	18.66	18.85	20.00
		1	13	18.79	18.80	18.85	20.00
		1	24	18.80	18.72	18.61	20.00
12		0	18.81	18.58	18.86	20.00	
12		6	18.88	18.93	18.80	20.00	
12		13	18.80	18.98	18.76	20.00	
25	0	18.93	18.66	18.85	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20450	20525	20600	
10MHz	QPSK	1	0	22.75	22.62	22.84	24.00
		1	25	22.54	22.79	22.66	24.00
		1	49	22.72	22.85	22.64	24.00
		25	0	22.76	22.73	22.75	24.00
		25	13	22.80	22.79	22.74	24.00
		25	25	22.78	22.78	22.60	24.00
		50	0	22.74	22.76	22.81	24.00
	16QAM	1	0	22.78	22.51	23.04	24.00
		1	25	23.13	22.09	22.34	24.00
		1	49	22.62	22.73	22.61	24.00
		25	0	21.92	21.83	21.90	23.00
		25	13	21.70	21.91	21.92	23.00
		25	25	21.87	21.90	21.85	23.00
		50	0	21.96	21.88	21.91	23.00
	64QAM	1	0	22.68	21.60	22.03	23.00
		1	25	22.85	21.89	22.01	23.00
		1	49	22.68	22.03	21.82	23.00
		25	0	21.87	20.89	20.81	22.00
		25	13	21.98	20.96	20.93	22.00
		25	25	21.88	20.94	20.80	22.00



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256QAM	50	0	21.94	20.82	20.89	22.00
	1	0	18.56	18.67	18.84	20.00
	1	25	18.78	18.89	18.92	20.00
	1	49	18.87	18.81	18.56	20.00
	25	0	18.74	18.57	18.90	20.00
	25	13	18.95	18.96	18.90	20.00
	25	25	18.83	18.93	18.79	20.00
	50	0	18.91	18.58	18.87	20.00

LTE FDD Band 12 DS11/2/3/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	24.41	24.32	24.29	25.00
		1	2	24.51	24.47	24.29	25.00
		1	5	24.24	24.38	24.27	25.00
		3	0	24.39	24.38	24.30	25.00
		3	2	24.28	24.36	24.40	25.00
		3	3	24.33	24.37	24.25	25.00
	16QAM	6	0	23.38	23.29	23.33	24.00
		1	0	23.31	23.17	23.06	24.00
		1	2	23.46	23.42	22.97	24.00
		1	5	23.31	23.14	22.89	24.00
		3	0	23.33	23.22	23.18	24.00
		3	2	23.41	23.22	23.35	24.00
	64QAM	3	3	23.14	23.53	23.29	24.00
		6	0	22.25	22.31	22.23	23.00
		1	0	22.39	22.36	22.31	23.00
		1	2	22.80	22.24	22.30	23.00
		1	5	22.41	22.22	22.23	23.00
		3	0	22.25	22.27	22.45	23.00
	256QAM	3	2	22.29	22.27	22.32	23.00
		3	3	22.24	22.17	22.32	23.00
		6	0	21.39	21.21	21.36	22.00
		1	0	19.19	19.28	19.26	20.00
		1	2	19.27	19.40	19.10	20.00
		1	5	19.07	19.52	19.17	20.00
		3	0	19.06	19.19	19.32	20.00
		3	2	19.41	19.50	19.13	20.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23025	23095	23165	
		3	3	19.30	19.44	19.22	20.00
		6	0	19.32	19.31	19.27	20.00
3MHz	QPSK	1	0	23.92	24.35	24.09	25.00
		1	7	24.34	24.43	24.49	25.00
		1	14	24.32	24.28	24.25	25.00
		8	0	23.38	23.41	23.41	24.00
		8	4	23.37	23.32	23.36	24.00
		8	7	23.51	23.32	23.53	24.00
		15	0	23.20	23.26	23.37	24.00
	16QAM	1	0	22.87	22.78	23.48	24.00
		1	7	23.31	23.58	23.49	24.00
		1	14	23.18	23.28	23.04	24.00
		8	0	22.22	22.18	22.25	23.00
		8	4	22.29	22.14	22.26	23.00
		8	7	22.38	22.27	22.37	23.00
		15	0	22.32	22.39	22.39	23.00
	64QAM	1	0	22.24	22.49	22.35	23.00
		1	7	21.90	21.79	22.03	23.00
		1	14	22.00	22.14	22.15	23.00
		8	0	21.37	21.24	21.21	22.00
		8	4	21.48	21.20	21.27	22.00
		8	7	21.24	21.33	21.28	22.00
		15	0	21.35	21.39	21.15	22.00
	256QAM	1	0	19.38	19.21	19.09	20.00
		1	7	19.54	19.44	19.22	20.00
		1	14	19.05	19.50	19.33	20.00
		8	0	19.24	19.37	19.03	20.00
		8	4	19.54	19.19	19.25	20.00
		8	7	19.36	19.39	19.32	20.00
		15	0	19.42	19.23	19.36	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	23.93	24.30	24.24	25.00
		1	13	24.45	24.29	24.54	25.00
		1	24	24.20	24.32	24.33	25.00
		12	0	23.35	23.38	23.44	24.00
		12	6	23.36	23.33	23.39	24.00
		12	13	23.50	23.32	23.52	24.00



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		25	0	23.26	23.25	23.30	24.00
	16QAM	1	0	22.89	22.73	23.55	24.00
		1	13	23.38	23.60	23.58	24.00
		1	24	23.22	23.28	23.14	24.00
		12	0	22.30	22.25	22.17	23.00
		12	6	22.28	22.25	22.29	23.00
		12	13	22.39	22.30	22.23	23.00
		25	0	22.36	22.22	22.40	23.00
	64QAM	1	0	22.16	22.56	22.47	23.00
		1	13	21.83	21.91	22.18	23.00
		1	24	22.07	22.09	22.23	23.00
		12	0	21.28	21.39	21.21	22.00
		12	6	21.50	21.19	21.25	22.00
		12	13	21.28	21.35	21.28	22.00
		25	0	21.48	21.27	21.16	22.00
	256QAM	1	0	19.33	19.22	19.09	20.00
		1	13	19.52	19.59	19.21	20.00
		1	24	19.14	19.51	19.37	20.00
		12	0	19.19	19.38	19.02	20.00
		12	6	19.57	19.28	19.23	20.00
		12	13	19.30	19.31	19.37	20.00
		25	0	19.36	19.23	19.29	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				23060	23095	23130	
<b>10MHz</b>	<b>QPSK</b>	1	0	23.95	24.29	24.18	25.00
		1	25	24.42	24.36	24.46	25.00
		1	49	24.30	24.37	24.33	25.00
		25	0	23.39	23.35	23.34	24.00
		25	13	23.46	23.40	23.32	24.00
		25	25	23.42	23.40	23.49	24.00
		50	0	23.22	23.28	23.35	24.00
	<b>16QAM</b>	1	0	22.84	22.81	23.50	24.00
		1	25	23.29	23.58	23.48	24.00
		1	49	23.26	23.21	23.11	24.00
		25	0	22.26	22.18	22.26	23.00
		25	13	22.28	22.24	22.30	23.00
		25	25	22.36	22.24	22.29	23.00
		50	0	22.32	22.32	22.34	23.00
	<b>64QAM</b>	1	0	22.25	22.50	22.42	23.00
		1	25	21.88	21.89	22.11	23.00



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		1	49	22.10	22.17	22.16	23.00
		25	0	21.34	21.30	21.31	22.00
		25	13	21.46	21.29	21.22	22.00
		25	25	21.34	21.40	21.20	22.00
		50	0	21.44	21.31	21.19	22.00
	256QAM	1	0	19.33	19.18	19.06	20.00
		1	25	19.55	19.52	19.27	20.00
		1	49	19.08	19.43	19.27	20.00
		25	0	19.16	19.28	18.99	20.00
		25	13	19.48	19.28	19.28	20.00
		25	25	19.36	19.39	19.37	20.00
		50	0	19.40	19.31	19.32	20.00

LTE FDD Band 12 DSI4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23017	23095	23173	
1.4MHz	QPSK	1	0	22.03	21.96	21.67	23.00
		1	2	21.77	21.84	21.89	23.00
		1	5	21.80	21.76	21.65	23.00
		3	0	21.71	21.94	21.86	23.00
		3	2	21.84	22.00	22.02	23.00
		3	3	21.98	21.84	21.88	23.00
		6	0	22.00	21.94	22.01	23.00
	16QAM	1	0	22.07	21.77	21.74	23.00
		1	2	21.86	21.76	21.87	23.00
		1	5	21.78	21.74	21.71	23.00
		3	0	21.88	21.81	21.93	23.00
		3	2	21.88	21.92	21.97	23.00
		3	3	22.03	21.99	21.94	23.00
		6	0	21.97	22.02	21.91	23.00
	64QAM	1	0	21.93	21.83	21.73	23.00
		1	2	21.88	21.91	21.91	23.00
		1	5	21.96	21.76	21.59	23.00
		3	0	21.82	21.93	21.95	23.00
		3	2	21.86	22.00	21.94	23.00
		3	3	22.04	21.97	21.94	23.00
		6	0	20.99	20.82	20.84	22.00
	256QAM	1	0	18.82	18.68	18.76	20.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up					
				23025	23095	23165						
3MHz	QPSK	1	2	18.92	18.91	18.99	20.00					
		1	5	18.77	19.01	18.43	20.00					
		3	0	18.87	18.79	18.87	20.00					
		3	2	18.91	18.95	19.06	20.00					
		3	3	18.90	18.77	18.79	20.00					
		6	0	18.91	18.78	18.90	20.00					
	16QAM	16QAM	1	0	22.06	21.84	21.56	23.00				
			1	7	21.81	21.91	21.75	23.00				
			1	14	21.95	21.88	21.78	23.00				
			8	0	21.79	21.82	21.97	23.00				
			8	4	21.98	22.02	22.06	23.00				
			8	7	22.07	21.87	21.88	23.00				
		64QAM	64QAM	15	0	21.89	21.99	22.00	23.00			
				1	0	21.81	22.16	22.07	23.00			
				1	7	21.94	21.50	21.82	23.00			
			256QAM	256QAM	1	14	21.61	21.70	22.02	23.00		
					8	0	21.97	21.92	21.83	23.00		
				8	8	8	4	21.89	21.80	21.96	23.00	
						8	7	22.03	21.90	22.00	23.00	
					15	15	15	0	21.94	21.71	21.94	23.00
							1	0	21.69	21.81	21.84	23.00
5MHz	QPSK	QPSK	1	7	22.20	21.78	21.95	23.00				
				14	21.67	21.77	21.76	23.00				
				8	0	20.81	20.91	20.87	22.00			
		16QAM	16QAM	8	4	20.90	20.62	21.00	22.00			
						8	7	20.92	20.91	20.92	22.00	
						15	0	20.97	20.84	21.03	22.00	
	256QAM		256QAM	1	0	18.65	18.73	18.84	20.00			
						7	18.98	19.04	19.14	20.00		
						14	18.87	18.87	18.59	20.00		
		8	8	0	4	18.85	18.90	18.82	20.00			
						19.05	18.95	19.09	20.00			
						18.90	18.79	18.72	20.00			
15	0	18.90	18.67	18.87	20.00							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up					
				23035	23095	23155						
5MHz	QPSK	1	0	21.94	21.79	21.56	23.00					
		1	13	21.90	21.80	21.82	23.00					



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		1	24	21.82	21.72	21.63	23.00		
		12	0	21.81	21.98	21.84	23.00		
		12	6	21.98	21.97	21.90	23.00		
		12	13	21.99	22.04	21.95	23.00		
		25	0	22.08	21.93	21.96	23.00		
	16QAM	1	0	21.74	22.20	21.95	23.00		
		1	13	21.96	21.54	21.76	23.00		
		1	24	21.67	21.80	21.97	23.00		
		12	0	22.04	21.94	21.85	23.00		
		12	6	22.04	21.84	21.97	23.00		
		12	13	21.91	21.94	21.95	23.00		
	64QAM	25	0	21.87	21.83	22.03	23.00		
		1	0	21.54	21.87	21.85	23.00		
		1	13	22.15	21.75	21.88	23.00		
		1	24	21.67	21.69	21.76	23.00		
		12	0	20.77	20.78	20.89	22.00		
		12	6	20.87	20.60	20.91	22.00		
	256QAM	12	13	21.02	20.97	21.03	22.00		
		25	0	20.96	20.88	20.96	22.00		
		1	0	18.85	18.58	18.81	20.00		
		1	13	19.02	19.03	19.02	20.00		
1		24	18.84	18.99	18.42	20.00			
12		0	18.79	18.80	18.84	20.00			
10MHz	QPSK	12	6	19.04	18.82	18.92	20.00		
		12	13	18.93	18.96	18.69	20.00		
		25	0	18.97	18.79	19.01	20.00		
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
						23060	23095	23130	
		10MHz	QPSK	1	0	21.89	21.85	21.65	23.00
	1			25	21.90	21.86	21.92	23.00	
	1			49	21.86	21.78	21.68	23.00	
	25			0	21.80	21.91	21.90	23.00	
	25			13	21.92	21.94	21.96	23.00	
	16QAM		25	25	21.97	21.94	21.94	23.00	
			50	0	21.99	21.93	21.92	23.00	
1			0	21.81	22.19	21.97	23.00		
1			25	21.93	21.53	21.83	23.00		
1			49	21.69	21.75	21.92	23.00		
16QAM	25	0	21.94	21.88	21.88	23.00			
	25	13	21.94	21.86	21.92	23.00			



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64QAM	25	25	21.95	21.95	21.90	23.00	
	50	0	21.93	21.79	21.99	23.00	
	1	0	21.60	21.82	21.85	23.00	
	1	25	22.11	21.74	21.91	23.00	
	1	49	21.76	21.68	21.85	23.00	
	25	0	20.83	20.88	20.91	22.00	
	25	13	20.94	20.66	21.00	22.00	
	25	25	20.99	20.94	20.93	22.00	
	50	0	20.90	20.85	20.93	22.00	
	256QAM	1	0	18.75	18.66	18.84	20.00
		1	25	18.92	18.94	19.06	20.00
		1	49	18.79	18.93	18.50	20.00
		25	0	18.86	18.88	18.88	20.00
		25	13	19.00	18.88	19.01	20.00
25		25	18.94	18.87	18.72	20.00	
50		0	18.97	18.74	18.96	20.00	

LTE FDD Band 13 DS11/2/3/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	24.38	24.44	24.41	25.00
		1	13	24.33	24.38	24.21	25.00
		1	24	24.28	24.27	24.27	25.00
		12	0	23.37	23.40	23.26	24.00
		12	6	23.34	23.40	23.42	24.00
		12	13	23.21	23.15	23.07	24.00
		25	0	23.22	23.33	23.39	24.00
	16QAM	1	0	23.19	23.06	23.10	24.00
		1	13	23.50	23.58	23.52	24.00
		1	24	23.18	23.34	23.32	24.00
		12	0	22.34	22.27	22.22	23.00
		12	6	22.25	22.26	22.25	23.00
		12	13	22.28	22.32	22.26	23.00
		25	0	22.46	22.41	22.44	23.00
	64QAM	1	0	22.56	22.63	22.50	23.00
		1	13	21.95	21.93	21.95	23.00
		1	24	22.35	22.39	22.32	23.00
		12	0	21.32	21.29	21.35	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				/	23230	/			
10MHz	256QAM	12	6	21.37	21.29	21.39	22.00		
		12	13	21.22	21.06	21.09	22.00		
		25	0	21.26	21.41	21.38	22.00		
		1	0	19.03	19.20	19.18	20.00		
		1	13	19.09	19.10	19.23	20.00		
		1	24	19.40	19.30	19.26	20.00		
		12	0	19.00	18.95	18.99	20.00		
		12	6	19.24	19.26	19.19	20.00		
		12	13	19.22	19.16	19.30	20.00		
	25	0	19.31	19.23	19.37	20.00			
	QPSK	16QAM	1	0	/	24.38	/	25.00	
			1	25	/	24.31	/	25.00	
			1	49	/	24.19	/	25.00	
			25	0	/	23.33	/	24.00	
			25	13	/	23.33	/	24.00	
			25	25	/	23.12	/	24.00	
			50	0	/	23.31	/	24.00	
		64QAM	256QAM	1	0	/	23.16	/	24.00
				1	25	/	23.48	/	24.00
				1	49	/	23.26	/	24.00
				25	0	/	22.25	/	23.00
				25	13	/	22.22	/	23.00
				25	25	/	22.24	/	23.00
				50	0	/	22.38	/	23.00
		256QAM	256QAM	1	0	/	22.55	/	23.00
				1	25	/	21.89	/	23.00
				1	49	/	22.34	/	23.00
				25	0	/	21.34	/	22.00
				25	13	/	21.33	/	22.00
				25	25	/	21.16	/	22.00
				50	0	/	21.36	/	22.00
		256QAM	256QAM	1	0	/	19.10	/	20.00
				1	25	/	19.13	/	20.00
				1	49	/	19.32	/	20.00
				25	0	/	18.98	/	20.00
				25	13	/	19.29	/	20.00
25				25	/	19.24	/	20.00	
50	0			/	19.32	/	20.00		



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LTE FDD Band 13 DS14/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	22.37	22.46	22.28	23.50
		1	13	22.49	22.51	22.45	23.50
		1	24	22.47	22.51	22.45	23.50
		12	0	22.56	22.47	22.59	23.50
		12	6	22.44	22.38	22.40	23.50
		12	13	22.29	22.36	22.35	23.50
		25	0	22.29	22.33	22.21	23.50
	16QAM	1	0	22.43	22.44	22.46	23.50
		1	13	22.58	22.50	22.61	23.50
		1	24	22.50	22.45	22.60	23.50
		12	0	21.91	21.93	22.02	23.00
		12	6	21.92	21.98	21.93	23.00
		12	13	21.98	21.90	22.00	23.00
		25	0	21.78	21.89	21.96	23.00
	64QAM	1	0	21.72	21.63	21.65	23.00
		1	13	21.61	21.68	21.62	23.00
		1	24	21.56	21.64	21.57	23.00
		12	0	20.89	20.93	20.93	22.00
		12	6	21.05	20.98	20.95	22.00
		12	13	20.84	20.98	21.01	22.00
		25	0	20.85	20.82	20.95	22.00
	256QAM	1	0	19.07	18.97	19.01	20.00
		1	13	18.90	18.87	18.86	20.00
		1	24	18.93	18.99	18.92	20.00
		12	0	18.70	18.79	18.84	20.00
		12	6	18.89	18.82	18.77	20.00
		12	13	18.85	18.97	18.87	20.00
		25	0	18.92	18.92	18.98	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	/	22.56	/	23.50
		1	25	/	22.45	/	23.50
		1	49	/	22.43	/	23.50
		25	0	/	22.49	/	23.50



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		25	13	/	22.37	/	23.50
		25	25	/	22.29	/	23.50
		50	0	/	22.31	/	23.50
	16QAM	1	0	/	22.41	/	23.50
		1	25	/	22.53	/	23.50
		1	49	/	22.50	/	23.50
		25	0	/	21.98	/	23.00
		25	13	/	22.01	/	23.00
		25	25	/	21.93	/	23.00
		50	0	/	21.88	/	23.00
	64QAM	1	0	/	21.71	/	23.00
		1	25	/	21.69	/	23.00
		1	49	/	21.62	/	23.00
		25	0	/	20.94	/	22.00
		25	13	/	20.95	/	22.00
		25	25	/	20.94	/	22.00
		50	0	/	20.91	/	22.00
	256QAM	1	0	/	19.00	/	20.00
		1	25	/	18.92	/	20.00
		1	49	/	19.01	/	20.00
		25	0	/	18.80	/	20.00
		25	13	/	18.83	/	20.00
		25	25	/	18.91	/	20.00
		50	0	/	18.98	/	20.00

LTE FDD Band 14 DS11/2/3/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23305	23330	23355	
5MHz	QPSK	1	0	24.24	24.35	24.32	25.00
		1	13	24.27	24.26	24.26	25.00
		1	24	24.35	24.28	24.30	25.00
		12	0	23.33	23.23	23.20	24.00
		12	6	23.27	23.17	23.31	24.00
		12	13	23.18	23.14	23.27	24.00
		25	0	23.20	23.23	23.20	24.00
	16QAM	1	0	22.73	22.59	22.54	24.00
		1	13	23.08	22.97	23.02	24.00
		1	24	23.24	23.11	23.28	24.00



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		12	0	22.20	22.26	22.20	23.00	
		12	6	22.13	22.15	22.19	23.00	
		12	13	22.22	22.11	22.12	23.00	
		25	0	22.20	22.31	22.14	23.00	
	64QAM	1	0	22.16	22.26	22.29	23.00	
		1	13	21.86	21.97	21.99	23.00	
		1	24	22.10	22.24	22.23	23.00	
		12	0	21.25	21.35	21.18	22.00	
		12	6	21.25	21.27	21.22	22.00	
		12	13	21.33	21.25	21.21	22.00	
		25	0	21.27	21.23	21.21	22.00	
	256QAM	1	0	19.34	19.23	19.29	20.00	
		1	13	19.41	19.30	19.29	20.00	
		1	24	19.17	19.24	19.20	20.00	
		12	0	19.12	19.17	19.10	20.00	
		12	6	19.25	19.26	19.17	20.00	
		12	13	19.31	19.26	19.36	20.00	
		25	0	19.15	19.23	19.23	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	23330	/		
10MHz	QPSK	1	0	/	24.33	/	25.00	
		1	25	/	24.20	/	25.00	
		1	49	/	24.29	/	25.00	
		25	0	/	23.23	/	24.00	
		25	13	/	23.23	/	24.00	
		25	25	/	23.21	/	24.00	
		50	0	/	23.29	/	24.00	
		16QAM	1	0	/	22.63	/	24.00
			1	25	/	23.06	/	24.00
			1	49	/	23.19	/	24.00
			25	0	/	22.23	/	23.00
			25	13	/	22.21	/	23.00
			25	25	/	22.19	/	23.00
			50	0	/	22.22	/	23.00
		64QAM	1	0	/	22.22	/	23.00
			1	25	/	21.93	/	23.00
			1	49	/	22.16	/	23.00
			25	0	/	21.27	/	22.00
			25	13	/	21.23	/	22.00
			25	25	/	21.25	/	22.00



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256QAM	50	0	/	21.22	/	22.00
	1	0	/	19.27	/	20.00
	1	25	/	19.39	/	20.00
	1	49	/	19.16	/	20.00
	25	0	/	19.08	/	20.00
	25	13	/	19.17	/	20.00
	25	25	/	19.27	/	20.00
	50	0	/	19.24	/	20.00

LTE FDD Band 14 DSI4/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23305	23330	23355	
5MHz	QPSK	1	0	22.25	22.36	22.37	23.50
		1	13	22.24	22.16	22.22	23.50
		1	24	22.09	22.16	22.11	23.50
		12	0	22.20	22.18	22.10	23.50
		12	6	22.20	22.21	22.15	23.50
		12	13	22.25	22.14	22.27	23.50
	16QAM	25	0	22.17	22.20	22.20	23.50
		1	0	22.43	22.27	22.30	23.50
		1	13	22.02	21.90	22.08	23.50
		1	24	22.23	22.24	22.29	23.50
		12	0	21.50	21.44	21.50	23.00
		12	6	21.58	21.58	21.72	23.00
	64QAM	12	13	21.66	21.61	21.71	23.00
		25	0	21.68	21.66	21.73	23.00
		1	0	21.84	21.77	21.87	23.00
		1	13	21.81	21.85	21.90	23.00
		1	24	21.25	21.36	21.35	23.00
		12	0	20.65	20.75	20.66	22.00
	256QAM	12	6	20.46	20.42	20.56	22.00
		12	13	20.74	20.73	20.62	22.00
		25	0	20.77	20.73	20.74	22.00
		1	0	18.76	18.81	18.84	20.00
		1	13	18.26	18.29	18.42	20.00
		1	24	18.61	18.62	18.56	20.00
	256QAM	12	0	18.72	18.65	18.74	20.00
		12	6	18.77	18.62	18.78	20.00



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Bandwidth	Modulation	12	13	18.75	18.66	18.70	20.00
		25	0	18.72	18.71	18.71	20.00
		RB size	RB offset	Channel	Channel	Channel	Tune up
				/	23330	/	
10MHz	QPSK	1	0	/	22.55	/	23.50
		1	25	/	22.35	/	23.50
		1	49	/	22.37	/	23.50
		25	0	/	22.22	/	23.50
		25	13	/	22.18	/	23.50
		25	25	/	22.21	/	23.50
		50	0	/	22.19	/	23.50
	16QAM	1	0	/	22.36	/	23.50
		1	25	/	22	/	23.50
		1	49	/	22.23	/	23.50
		25	0	/	21.4	/	23.00
		25	13	/	21.63	/	23.00
		25	25	/	21.65	/	23.00
		50	0	/	21.74	/	23.00
	64QAM	1	0	/	21.78	/	23.00
		1	25	/	21.81	/	23.00
		1	49	/	21.33	/	23.00
		25	0	/	20.69	/	22.00
		25	13	/	20.51	/	22.00
		25	25	/	20.71	/	22.00
		50	0	/	20.73	/	22.00
	256QAM	1	0	/	18.78	/	20.00
		1	25	/	18.36	/	20.00
		1	49	/	18.58	/	20.00
		25	0	/	18.71	/	20.00
		25	13	/	18.70	/	20.00
		25	25	/	18.72	/	20.00
		50	0	/	18.65	/	20.00

LTE Band 26 DSI1/2/3/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	24.29	24.32	24.26	25.00
		1	2	24.20	24.38	24.21	25.00



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		1	5	24.15	24.39	24.24	25.00
		3	0	24.26	24.28	24.20	25.00
		3	2	24.28	24.35	24.28	25.00
		3	3	24.22	24.31	24.26	25.00
		6	0	23.23	23.24	23.26	24.00
	16QAM	1	0	23.43	23.11	23.17	24.00
		1	2	23.34	23.42	23.41	24.00
		1	5	23.24	23.38	23.04	24.00
		3	0	23.30	23.19	23.14	24.00
		3	2	23.18	23.25	23.18	24.00
		3	3	23.24	23.37	23.10	24.00
		6	0	21.99	22.22	22.30	23.00
	64QAM	1	0	22.02	22.11	22.59	23.00
		1	2	22.18	22.02	22.09	23.00
		1	5	22.09	22.44	21.98	23.00
		3	0	22.11	22.14	22.03	23.00
		3	2	22.05	22.23	22.02	23.00
		3	3	22.05	22.37	22.24	23.00
		6	0	21.18	21.17	21.25	22.00
	256QAM	1	0	19.10	19.32	19.20	20.00
		1	2	19.23	19.41	19.23	20.00
1		5	19.20	19.31	19.31	20.00	
3		0	18.94	19.29	19.22	20.00	
3		2	19.26	19.47	19.08	20.00	
3		3	19.16	18.90	19.17	20.00	
6		0	19.08	19.30	19.26	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26705	26865	27025	
3MHz	QPSK	1	0	23.99	24.19	24.19	25.00
		1	7	24.05	24.17	24.19	25.00
		1	14	24.16	24.21	23.85	25.00
		8	0	23.13	23.34	23.28	24.00
		8	4	23.26	23.01	23.21	24.00
		8	7	23.21	23.20	23.17	24.00
		15	0	23.22	23.15	23.29	24.00
	16QAM	1	0	22.30	23.37	23.03	24.00
		1	7	22.85	22.77	22.70	24.00
		1	14	22.55	23.13	22.65	24.00
		8	0	22.12	22.16	22.26	23.00
		8	4	22.21	22.25	22.25	23.00



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		8	7	22.11	22.36	22.22	23.00
		15	0	22.26	22.21	22.35	23.00
	64QAM	1	0	22.00	22.34	22.07	23.00
		1	7	22.33	22.14	21.73	23.00
		1	14	21.61	22.02	21.92	23.00
		8	0	21.06	21.37	21.33	22.00
		8	4	21.34	21.28	21.19	22.00
		8	7	21.20	21.29	21.07	22.00
		15	0	21.39	21.29	21.12	22.00
	256QAM	1	0	18.91	18.99	19.06	20.00
		1	7	19.20	19.21	19.35	20.00
		1	14	19.10	19.35	18.92	20.00
		8	0	19.15	19.13	19.24	20.00
		8	4	19.23	19.18	19.33	20.00
		8	7	19.17	19.35	19.16	20.00
		15	0	19.16	19.07	19.09	20.00
<b>Bandwidth</b>	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
<b>5MHz</b>	QPSK	1	0	23.97	24.18	24.14	25.00
		1	13	24.13	24.12	24.19	25.00
		1	24	24.10	24.04	23.93	25.00
		12	0	23.15	23.19	23.13	24.00
		12	6	23.36	23.18	23.14	24.00
		12	13	23.28	23.27	23.21	24.00
		25	0	23.30	23.32	23.20	24.00
	16QAM	1	0	22.28	23.17	23.16	24.00
		1	13	22.83	22.72	22.74	24.00
		1	24	22.72	23.10	22.81	24.00
		12	0	22.05	22.15	22.19	23.00
		12	6	22.25	22.27	22.20	23.00
		12	13	22.11	22.34	22.23	23.00
		25	0	22.29	22.16	22.25	23.00
	64QAM	1	0	22.07	22.24	22.09	23.00
		1	13	22.24	22.15	21.88	23.00
		1	24	21.65	22.13	21.96	23.00
		12	0	21.08	21.28	21.21	22.00
		12	6	21.18	21.25	21.20	22.00
		12	13	21.34	21.34	21.15	22.00
		25	0	21.34	21.26	21.25	22.00
	256QAM	1	0	18.99	19.12	19.06	20.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				26740	26865	26990			
10MHz	QPSK	1	13	19.31	19.25	19.22	20.00		
		1	24	18.97	19.40	18.88	20.00		
		12	0	19.19	19.23	19.10	20.00		
		12	6	19.26	19.13	19.17	20.00		
		12	13	19.25	19.31	19.19	20.00		
		25	0	19.13	19.25	19.22	20.00		
	16QAM	QPSK	1	0	24.07	24.18	24.14	25.00	
			1	25	24.21	24.13	24.22	25.00	
			1	49	24.05	24.20	23.84	25.00	
			25	0	23.13	23.31	23.21	24.00	
			25	13	23.36	23.07	23.24	24.00	
			25	25	23.33	23.25	23.20	24.00	
		16QAM	16QAM	50	0	23.30	23.19	23.26	24.00
				1	0	22.30	23.36	23.02	24.00
				1	25	22.91	22.69	22.62	24.00
				1	49	22.64	23.18	22.73	24.00
				25	0	22.22	22.32	22.19	23.00
				25	13	22.29	22.16	22.15	23.00
	64QAM	64QAM	25	25	22.17	22.30	22.28	23.00	
			50	0	22.15	22.22	22.27	23.00	
			1	0	22.10	22.20	22.15	23.00	
			1	25	22.19	21.98	21.73	23.00	
			1	49	21.68	22.12	21.92	23.00	
			25	0	21.24	21.36	21.22	22.00	
			25	13	21.30	21.21	21.28	22.00	
			25	25	21.28	21.29	21.16	22.00	
	256QAM	256QAM	50	0	21.34	21.25	21.28	22.00	
			1	0	18.85	19.01	19.08	20.00	
1			25	19.36	19.20	19.36	20.00		
1			49	18.98	19.43	18.80	20.00		
25			0	19.07	19.31	19.23	20.00		
25			13	19.09	19.20	19.21	20.00		
25			25	19.32	19.23	19.19	20.00		
50			0	19.30	19.17	19.11	20.00		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				26765	26865	26965			
15MHz	QPSK	1	0	23.97	24.20	24.12	25.00		
		1	38	24.11	24.20	24.13	25.00		



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		1	74	24.07	24.13	23.85	25.00
		36	0	23.19	23.27	23.18	24.00
		36	18	23.27	23.11	23.24	24.00
		36	39	23.26	23.22	23.13	24.00
		75	0	23.27	23.24	23.24	24.00
	16QAM	1	0	22.29	23.27	23.06	24.00
		1	38	22.93	22.76	22.68	24.00
		1	74	22.62	23.11	22.73	24.00
		36	0	22.15	22.25	22.18	23.00
		36	18	22.21	22.18	22.24	23.00
		36	39	22.20	22.34	22.18	23.00
		75	0	22.21	22.14	22.26	23.00
	64QAM	1	0	22.08	22.28	22.07	23.00
		1	38	22.24	22.05	21.83	23.00
		1	74	21.70	22.06	21.97	23.00
		36	0	21.14	21.27	21.23	22.00
		36	18	21.28	21.18	21.21	22.00
		36	39	21.28	21.24	21.09	22.00
		75	0	21.29	21.22	21.22	22.00
	256QAM	1	0	18.95	19.08	19.16	20.00
		1	38	19.30	19.20	19.31	20.00
		1	74	19.01	19.43	18.86	20.00
		36	0	19.15	19.22	19.19	20.00
		36	18	19.19	19.13	19.26	20.00
		36	39	19.25	19.25	19.18	20.00
		75	0	19.22	19.17	19.19	20.00

LTE Band 26 DS14/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26697	26865	27033	
1.4MHz	QPSK	1	0	22.52	22.66	22.58	24.00
		1	2	22.65	22.66	22.47	24.00
		1	5	22.40	22.59	22.51	24.00
		3	0	22.55	22.45	22.59	24.00
		3	2	22.86	22.55	22.61	24.00
		3	3	22.34	22.57	22.61	24.00
		6	0	22.67	22.50	22.59	24.00
	16QAM	1	0	22.24	22.25	22.60	24.00



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		1	2	22.61	22.74	22.71	24.00	
		1	5	22.12	22.29	22.28	24.00	
		3	0	22.36	22.59	22.64	24.00	
		3	2	22.58	22.65	22.50	24.00	
		3	3	22.45	22.52	22.44	24.00	
		6	0	21.75	21.48	21.71	23.00	
	64QAM	1	0	21.56	21.75	21.88	23.00	
		1	2	21.80	21.38	21.47	23.00	
		1	5	21.51	21.35	21.65	23.00	
		3	0	21.82	21.45	21.81	23.00	
		3	2	21.54	21.63	21.83	23.00	
		3	3	21.85	21.48	21.46	23.00	
		6	0	20.74	20.69	20.57	22.00	
	256QAM	1	0	18.70	18.41	18.93	20.00	
		1	2	18.73	18.67	18.82	20.00	
		1	5	18.95	18.73	18.63	20.00	
		3	0	18.63	18.78	18.70	20.00	
		3	2	18.90	18.62	18.60	20.00	
		3	3	18.68	18.74	18.72	20.00	
		6	0	18.74	18.71	18.59	20.00	
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>	
				26705	26865	27025		
<b>3MHz</b>	QPSK	1	0	22.44	22.62	22.53	24.00	
		1	7	22.60	22.73	22.56	24.00	
		1	14	22.49	22.61	22.55	24.00	
		8	0	22.58	22.51	22.53	24.00	
		8	4	22.85	22.53	22.59	24.00	
		8	7	22.45	22.57	22.48	24.00	
		15	0	22.47	22.52	22.59	24.00	
		16QAM	1	0	22.32	22.21	22.60	24.00
			1	7	22.69	22.89	22.57	24.00
			1	14	22.31	22.26	22.38	24.00
			8	0	21.58	21.85	21.76	23.00
			8	4	21.67	21.50	21.84	23.00
			8	7	21.35	21.58	21.66	23.00
			15	0	21.85	21.43	21.71	23.00
		64QAM	1	0	21.49	21.67	22.00	23.00
			1	7	21.83	21.44	21.59	23.00
			1	14	21.44	21.42	21.60	23.00
			8	0	20.76	20.85	20.41	22.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26715	26865	27015		
5MHz	256QAM	8	4	20.74	20.78	20.50	22.00	
		8	7	20.68	20.54	20.70	22.00	
		15	0	20.84	20.82	20.58	22.00	
		1	0	18.78	18.59	18.82	20.00	
		1	7	18.65	18.67	18.80	20.00	
		1	14	18.98	18.63	18.68	20.00	
		8	0	18.75	18.66	18.72	20.00	
		8	4	18.83	18.62	18.67	20.00	
		8	7	18.63	18.68	18.73	20.00	
	15	0	18.64	18.74	18.59	20.00		
	5MHz	QPSK	1	0	22.48	22.72	22.60	24.00
			1	13	22.64	22.61	22.61	24.00
			1	24	22.38	22.61	22.46	24.00
			12	0	22.53	22.59	22.52	24.00
			12	6	22.70	22.53	22.53	24.00
			12	13	22.46	22.63	22.60	24.00
			25	0	22.56	22.64	22.74	24.00
		16QAM	1	0	22.43	22.31	22.69	24.00
			1	13	22.59	22.78	22.60	24.00
			1	24	22.11	22.46	22.38	24.00
			12	0	21.63	21.72	21.83	23.00
			12	6	21.75	21.38	21.85	23.00
			12	13	21.20	21.51	21.83	23.00
			25	0	21.76	21.54	21.75	23.00
		64QAM	1	0	21.60	21.77	21.82	23.00
			1	13	21.85	21.49	21.55	23.00
			1	24	21.33	21.36	21.60	23.00
			12	0	20.69	20.72	20.39	22.00
12			6	20.74	20.64	20.48	22.00	
12			13	20.67	20.59	20.78	22.00	
25			0	20.87	20.75	20.61	22.00	
256QAM		1	0	18.80	18.45	18.76	20.00	
		1	13	18.62	18.68	18.96	20.00	
		1	24	18.96	18.69	18.52	20.00	
		12	0	18.56	18.69	18.55	20.00	
		12	6	18.80	18.69	18.60	20.00	
		12	13	18.70	18.74	18.56	20.00	
		25	0	18.81	18.80	18.61	20.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26740	26865	26990	
10MHz	QPSK	1	0	22.45	22.58	22.51	24.00
		1	25	22.65	22.68	22.42	24.00
		1	49	22.48	22.65	22.50	24.00
		25	0	22.58	22.61	22.50	24.00
		25	13	22.84	22.56	22.47	24.00
		25	25	22.33	22.60	22.59	24.00
		50	0	22.60	22.47	22.67	24.00
	16QAM	1	0	22.27	22.21	22.70	24.00
		1	25	22.64	22.76	22.54	24.00
		1	49	22.08	22.35	22.36	24.00
		25	0	21.73	21.75	21.90	23.00
		25	13	21.63	21.52	21.82	23.00
		25	25	21.33	21.55	21.67	23.00
		50	0	21.67	21.46	21.80	23.00
	64QAM	1	0	21.55	21.71	21.81	23.00
		1	25	21.75	21.46	21.42	23.00
		1	49	21.35	21.53	21.58	23.00
		25	0	20.75	20.89	20.54	22.00
		25	13	20.75	20.60	20.64	22.00
		25	25	20.52	20.50	20.70	22.00
		50	0	20.76	20.76	20.55	22.00
	256QAM	1	0	18.72	18.55	18.81	20.00
		1	25	18.58	18.72	18.81	20.00
		1	49	18.98	18.57	18.57	20.00
		25	0	18.61	18.84	18.62	20.00
		25	13	18.76	18.74	18.77	20.00
		25	25	18.74	18.66	18.61	20.00
		50	0	18.64	18.76	18.63	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	22.87	23.05	23.02	24.00
		1	38	23.04	23.07	22.93	24.00
		1	74	22.90	23.01	22.90	24.00
		36	0	23.02	22.96	22.93	24.00
		36	18	23.08	22.95	22.94	24.00
		36	39	22.78	23.12	22.95	24.00
		75	0	22.99	22.97	23.07	24.00
	16QAM	1	0	22.76	22.72	23.04	24.00



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		1	38	23.05	23.22	23.06	24.00
		1	74	22.46	22.78	22.72	24.00
		36	0	22.10	22.21	22.23	23.00
		36	18	22.10	21.88	22.17	23.00
		36	39	21.72	21.99	22.17	23.00
		75	0	22.17	21.90	22.17	23.00
	64QAM	1	0	22.01	22.12	22.32	23.00
		1	38	22.23	21.85	21.94	23.00
		1	74	21.83	21.87	21.97	23.00
		36	0	21.16	21.21	20.86	22.00
		36	18	21.24	21.12	20.99	22.00
		36	39	21.01	20.97	21.13	22.00
	256QAM	75	0	21.21	21.17	20.97	22.00
		1	0	19.14	18.93	19.25	20.00
		1	38	19.05	19.18	19.30	20.00
		1	74	19.45	19.08	19.04	20.00
		36	0	19.08	19.18	19.04	20.00
		36	18	19.25	19.07	19.12	20.00
		36	39	19.14	19.15	19.06	20.00
		75	0	19.15	19.14	19.08	20.00

LTE Band 71 DS1/2/3/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133147	133297	133447	
5MHz	QPSK	1	0	23.81	24.22	23.96	25.00
		1	13	24.18	24.12	24.12	25.00
		1	24	23.89	23.91	24.01	25.00
		12	0	23.37	23.28	23.19	24.00
		12	6	23.22	23.28	23.14	24.00
		12	13	23.09	23.18	23.09	24.00
	16QAM	25	0	23.26	23.07	23.07	24.00
		1	0	23.45	23	23.16	24.00
		1	13	23.32	22.8	23.22	24.00
		1	24	22.82	23.01	22.84	24.00
		12	0	22.3	22.36	22.21	23.00
		12	6	22.34	22.07	22.08	23.00
		12	13	22.08	22.24	22.09	23.00
		25	0	22.28	22.11	22.39	23.00



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	64QAM	1	0	22.67	22.42	22.22	23.00
		1	13	22.76	22.00	22.00	23.00
		1	24	22.75	22.07	22.29	23.00
		12	0	21.08	20.99	21.29	22.00
		12	6	21.28	21.21	21.05	22.00
		12	13	21.24	20.98	21.26	22.00
		25	0	21.17	21.28	21.16	22.00
	256QAM	1	0	19.00	19.07	19.16	20.00
		1	13	19.07	19.00	19.03	20.00
		1	24	19.13	19.26	18.91	20.00
		12	0	19.02	19.39	19.15	20.00
		12	6	19.37	19.22	19.13	20.00
		12	13	19.17	18.93	19.35	20.00
		25	0	19.34	19.24	19.31	20.00
<b>Bandwidth</b>	<b>Modulation</b>	<b>RB size</b>	<b>RB offset</b>	<b>Channel</b>	<b>Channel</b>	<b>Channel</b>	<b>Tune up</b>
				133172	133297	133422	
<b>10MHz</b>	QPSK	1	0	23.88	24.14	24.01	25.00
		1	25	24.13	24.14	24.16	25.00
		1	49	23.91	24.03	23.86	25.00
		25	0	23.22	23.31	23.25	24.00
		25	13	23.25	23.23	23.13	24.00
		25	25	23.28	23.12	23.23	24.00
		50	0	23.39	23.26	23.08	24.00
	16QAM	1	0	23.45	23.03	23.08	24.00
		1	25	23.39	22.87	23.21	24.00
		1	49	22.86	23.17	22.94	24.00
		25	0	22.17	22.26	22.15	23.00
		25	13	22.22	22.10	22.20	23.00
		25	25	22.09	22.23	22.01	23.00
		50	0	22.28	22.06	22.31	23.00
	64QAM	1	0	22.60	22.35	22.28	23.00
		1	25	22.77	22.04	21.95	23.00
		1	49	22.83	22.08	22.34	23.00
		25	0	21.05	21.14	21.26	22.00
		25	13	21.28	21.22	21.05	22.00
		25	25	21.30	21.00	21.25	22.00
		50	0	21.22	21.17	21.28	22.00
	256QAM	1	0	18.88	18.94	19.27	20.00
		1	25	19.06	19.00	19.06	20.00
		1	49	19.18	19.29	18.90	20.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133197	133297	133397	
15MHz	QPSK	25	0	19.08	19.25	19.16	20.00
		25	13	19.31	19.17	19.17	20.00
		25	25	19.19	19.07	19.31	20.00
		50	0	19.31	19.22	19.30	20.00
		1	0	23.96	24.18	24.00	25.00
		1	38	24.09	24.16	24.03	25.00
		1	74	23.96	24.01	24.05	25.00
	16QAM	36	0	23.34	23.15	23.12	24.00
		36	18	23.16	23.27	23.15	24.00
		36	39	23.13	23.11	23.10	24.00
		75	0	23.37	23.16	23.11	24.00
		1	0	23.40	23.02	23.16	24.00
		1	38	23.36	22.92	23.12	24.00
		1	74	22.92	23.06	22.98	24.00
	64QAM	36	0	22.20	22.28	22.08	23.00
		36	18	22.24	22.26	22.19	23.00
		36	39	22.16	22.11	22.04	23.00
		75	0	22.24	22.12	22.24	23.00
		1	0	22.70	22.40	22.20	23.00
		1	38	22.77	22.02	21.97	23.00
		1	74	22.75	22.11	22.31	23.00
	256QAM	36	0	21.05	21.13	21.18	22.00
		36	18	21.30	21.12	21.15	22.00
		36	39	21.16	21.06	21.31	22.00
		75	0	21.14	21.22	21.19	22.00
		1	0	18.95	19.11	19.24	20.00
		1	38	19.17	19.05	18.96	20.00
		1	74	19.07	19.30	19.01	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133222	133322	133372	
20MHz	QPSK	1	0	23.91	24.20	23.91	25.00
		1	50	24.18	24.20	24.08	25.00
		1	99	23.98	23.95	23.95	25.00
		50	0	23.28	23.23	23.20	24.00



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16QAM	50	25	23.21	23.23	23.19	24.00	
	50	50	23.19	23.11	23.15	24.00	
	100	0	23.29	23.16	23.12	24.00	
	1	0	23.50	22.95	23.06	24.00	
	1	50	23.42	22.85	23.13	24.00	
	1	99	22.90	23.10	22.90	24.00	
	50	0	22.22	22.33	22.18	23.00	
	50	25	22.26	22.17	22.18	23.00	
	50	50	22.14	22.15	22.07	23.00	
	100	0	22.25	22.12	22.32	23.00	
	64QAM	1	0	22.61	22.34	22.24	23.00
		1	50	22.78	22.00	22.02	23.00
		1	99	22.77	22.16	22.31	23.00
		50	0	21.07	21.09	21.19	22.00
		50	25	21.22	21.16	21.12	22.00
		50	50	21.23	21.04	21.25	22.00
		100	0	21.24	21.23	21.22	22.00
	256QAM	1	0	18.95	19.03	19.20	20.00
1		50	19.15	19.04	19.00	20.00	
1		99	19.08	19.30	18.95	20.00	
50		0	19.08	19.30	19.17	20.00	
50		25	19.29	19.19	19.20	20.00	
50		50	19.23	19.03	19.29	20.00	
100		0	19.38	19.16	19.28	20.00	

LTE Band 71 DS14/5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133147	133297	133447	
5MHz	QPSK	1	0	22.21	22.05	22.04	23.50
		1	13	22.26	22.28	22.10	23.50
		1	24	22.08	22.00	22.38	23.50
		12	0	22.12	22.23	22.13	23.50
		12	6	22.34	22.11	22.26	23.50
		12	13	22.07	22.13	22.31	23.50
		25	0	22.27	22.15	22.09	23.50
	16QAM	1	0	22.50	22.13	22.62	23.50
		1	13	22.48	22.02	22.27	23.50
		1	24	21.92	22.37	22.07	23.50



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		12	0	21.63	21.64	21.57	23.00	
		12	6	21.99	21.59	21.48	23.00	
		12	13	21.69	21.23	21.80	23.00	
		25	0	21.74	21.46	21.49	23.00	
	64QAM	1	0	22.38	21.65	21.42	23.00	
		1	13	21.88	21.68	21.32	23.00	
		1	24	21.96	21.20	21.69	23.00	
		12	0	21.56	20.84	20.76	22.00	
		12	6	21.76	20.63	20.63	22.00	
		12	13	21.75	20.55	20.55	22.00	
	256QAM	25	0	21.54	20.69	20.66	22.00	
		1	0	17.77	18.93	18.86	20.00	
		1	13	18.82	18.75	18.54	20.00	
		1	24	18.64	18.75	18.67	20.00	
12		0	18.52	18.72	18.84	20.00		
12		6	18.62	18.79	18.49	20.00		
	12	13	18.60	18.61	18.68	20.00		
	25	0	18.87	18.78	18.62	20.00		
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					133172	133297	133422	
10MHz	QPSK	1	0	22.28	21.91	22.01	23.50	
		1	25	22.20	22.24	22.07	23.50	
		1	49	22.03	22.07	22.36	23.50	
		25	0	22.19	22.27	22.10	23.50	
		25	13	22.31	22.15	22.07	23.50	
		25	25	22.15	22.02	22.21	23.50	
		50	0	22.36	22.25	22.05	23.50	
	16QAM	1	0	22.50	22.07	22.51	23.50	
		1	25	22.46	22.16	22.24	23.50	
		1	49	22.01	22.20	22.05	23.50	
		25	0	21.72	21.76	21.68	23.00	
		25	13	21.80	21.76	21.51	23.00	
		25	25	21.61	21.19	21.67	23.00	
		50	0	21.66	21.39	21.49	23.00	
	64QAM	1	0	22.30	21.56	21.27	23.00	
		1	25	21.84	21.69	21.32	23.00	
		1	49	22.00	21.17	21.59	23.00	
		25	0	21.63	20.80	20.71	22.00	
		25	13	21.78	20.78	20.55	22.00	
		25	25	21.70	20.51	20.63	22.00	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				133197	133297	133397		
15MHz	256QAM	50	0	21.60	20.76	20.81	22.00	
		1	0	17.75	19.09	18.96	20.00	
		1	25	18.84	18.69	18.63	20.00	
		1	49	18.54	18.71	18.79	20.00	
		25	0	18.51	18.71	18.73	20.00	
		25	13	18.74	18.84	18.41	20.00	
		25	25	18.75	18.73	18.61	20.00	
		50	0	18.86	18.60	18.61	20.00	
	15MHz	QPSK	1	0	22.12	21.99	21.93	23.50
			1	38	22.24	22.25	22.26	23.50
			1	74	22.17	22.00	22.39	23.50
			36	0	22.22	22.17	22.06	23.50
			36	18	22.23	22.07	22.13	23.50
			36	39	22.15	22.03	22.25	23.50
			75	0	22.23	22.11	22.19	23.50
			16QAM	1	0	22.52	22.10	22.65
		1		38	22.59	22.16	22.16	23.50
		1		74	21.91	22.24	22.11	23.50
		36		0	21.58	21.69	21.67	23.00
		36		18	21.79	21.64	21.58	23.00
		36		39	21.74	21.18	21.79	23.00
		75		0	21.71	21.32	21.54	23.00
		64QAM		1	0	22.36	21.69	21.30
			1	38	21.97	21.67	21.45	23.00
			1	74	22.06	21.18	21.59	23.00
			36	0	21.61	20.72	20.82	22.00
			36	18	21.82	20.66	20.66	22.00
			36	39	21.67	20.57	20.64	22.00
75			0	21.58	20.63	20.64	22.00	
256QAM			1	0	17.76	18.89	18.94	20.00
		1	38	18.85	18.77	18.60	20.00	
		1	74	18.65	18.76	18.69	20.00	
		36	0	18.43	18.74	18.69	20.00	
		36	18	18.69	18.86	18.58	20.00	
		36	39	18.79	18.74	18.61	20.00	
		75	0	18.82	18.72	18.56	20.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133222	133322	133372		



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20MHz	QPSK	1	0	22.17	22.01	22.01	23.50
		1	50	22.22	22.35	22.26	23.50
		1	99	22.12	21.99	22.21	23.50
		50	0	22.24	22.25	22.22	23.50
		50	25	22.20	22.17	22.16	23.50
		50	50	22.16	22.11	22.22	23.50
		100	0	22.26	22.16	22.13	23.50
	16QAM	1	0	22.54	22.11	22.60	23.50
		1	50	22.53	22.08	22.25	23.50
		1	99	21.97	22.29	22.03	23.50
		50	0	21.65	21.70	21.58	23.00
		50	25	21.89	21.67	21.51	23.00
		50	50	21.65	21.28	21.73	23.00
		100	0	21.71	21.39	21.44	23.00
	64QAM	1	0	22.40	21.64	21.36	23.00
		1	50	21.91	21.71	21.41	23.00
		1	99	22.03	21.21	21.63	23.00
		50	0	21.64	20.74	20.72	22.00
		50	25	21.77	20.68	20.58	22.00
		50	50	21.68	20.55	20.64	22.00
		100	0	21.62	20.73	20.72	22.00
	256QAM	1	0	17.68	18.99	18.93	20.00
		1	50	18.81	18.70	18.62	20.00
		1	99	18.55	18.75	18.76	20.00
		50	0	18.45	18.75	18.79	20.00
		50	25	18.65	18.76	18.48	20.00
		50	50	18.69	18.64	18.62	20.00
		100	0	18.83	18.69	18.61	20.00



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## 2 Conducted Power of Main Antenna (Ant2)

### 2.1 Conducted Power of GSM

GSM 1900 DSI1/2/3/6										
		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	29.26	29.76	29.55	31.00	-9.19	20.07	20.57	20.36	21.81
GPRS (GMSK)	1 TX Slot	29.29	29.80	29.57	31.00	-9.19	20.10	20.61	20.38	21.81
	2 TX Slots	27.99	28.20	28.19	29.00	-6.18	21.81	22.02	22.01	22.82
	3 TX Slots	26.33	26.26	26.17	27.00	-4.42	21.91	21.84	21.75	22.58
	4 TX Slots	25.17	25.29	25.28	26.00	-3.17	22.00	22.12	22.11	22.83
EGPRS (GMSK)	1 TX Slot	29.32	29.78	29.47	31.00	-9.19	20.13	20.59	20.28	21.81
	2 TX Slots	28.01	28.10	28.19	29.00	-6.18	21.83	21.92	22.01	22.82
	3 TX Slots	26.36	26.28	26.17	27.00	-4.42	21.94	21.86	21.75	22.58
	4 TX Slots	25.13	25.14	25.23	26.00	-3.17	21.96	21.97	22.06	22.83
EGPRS (8PSK)	1 TX Slot	26.01	26.03	26.00	27.00	-9.19	16.82	16.84	16.81	17.81
	2 TX Slots	24.17	24.31	24.35	25.00	-6.18	17.99	18.13	18.17	18.82
	3 TX Slots	22.38	22.25	22.51	24.00	-4.42	17.96	17.83	18.09	19.58
	4 TX Slots	21.33	21.30	21.26	22.00	-3.17	18.16	18.13	18.09	18.83

GSM 1900 DSI4/5										
		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	27.49	27.41	27.45	28.50	-9.19	18.30	18.22	18.26	19.31
GPRS (GMSK)	1 TX Slot	27.44	27.42	27.44	28.50	-9.19	18.25	18.23	18.25	19.31
	2 TX Slots	24.53	24.51	24.57	26.50	-6.18	18.35	18.33	18.39	20.32
	3 TX Slots	22.95	22.92	22.95	24.50	-4.42	18.53	18.50	18.53	20.08
	4 TX Slots	21.63	21.58	21.65	23.50	-3.17	18.46	18.41	18.48	20.33
EGPRS (GMSK)	1 TX Slot	27.34	27.31	27.40	28.50	-9.19	18.15	18.12	18.21	19.31
	2 TX Slots	24.57	24.54	24.59	26.50	-6.18	18.39	18.36	18.41	20.32
	3 TX Slots	22.85	22.82	22.84	24.50	-4.42	18.43	18.40	18.42	20.08
	4 TX Slots	21.61	21.55	21.60	23.50	-3.17	18.44	18.38	18.43	20.33
EGPRS (8PSK)	1 TX Slot	26.64	26.62	26.66	27.00	-9.19	17.45	17.43	17.47	17.81
	2 TX Slots	24.76	24.72	24.75	25.00	-6.18	18.58	18.54	18.57	18.82
	3 TX Slots	22.93	22.89	22.94	24.00	-4.42	18.51	18.47	18.52	19.58
	4 TX Slots	21.57	21.52	21.55	22.00	-3.17	18.40	18.35	18.38	18.83



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## 2.2 Conducted Power of WCDMA

WCDMA Band II DSI1/2/3/6					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.57	23.63	23.56	25.00
	12.2kbps AMR	23.55	23.59	23.57	25.00
HSDPA	Subtest 1	22.64	22.65	22.61	23.50
	Subtest 2	22.62	22.62	22.61	23.50
	Subtest 3	21.16	21.97	22.12	23.50
	Subtest 4	21.14	22.10	22.13	23.50
HSUPA	Subtest 1	22.57	22.59	22.61	23.50
	Subtest 2	20.53	20.60	20.58	22.50
	Subtest 3	21.53	21.55	21.62	22.50
	Subtest 4	20.58	20.57	20.62	22.50
	Subtest 5	22.54	22.59	22.62	23.50
HSPA+	16QAM	20.69	20.76	20.79	22.50

WCDMA Band II DSI4/5					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	18.65	18.72	18.70	19.50
	12.2kbps AMR	18.62	18.66	18.71	19.50
HSDPA	Subtest 1	17.66	17.75	17.79	18.00
	Subtest 2	17.55	17.56	17.78	18.00
	Subtest 3	17.15	17.23	17.29	18.00
	Subtest 4	17.17	17.22	17.30	18.00
HSUPA	Subtest 1	15.68	15.74	15.78	16.50
	Subtest 2	16.68	16.72	16.79	17.00
	Subtest 3	15.70	15.74	15.80	17.00
	Subtest 4	17.70	17.75	17.82	18.50
	Subtest 5	17.74	17.82	17.75	18.00
HSPA+	16QAM	15.21	15.33	15.28	17.00

WCDMA Band IV DSI1/2/3/6					
Average Conducted Power(dBm)					
Channel		1312	1412	1513	Tune up
WCDMA	12.2kbps RMC	23.61	23.64	23.63	24.50
	12.2kbps AMR	23.58	23.61	23.62	24.50
HSDPA	Subtest 1	22.65	22.64	22.62	23.00
	Subtest 2	22.62	22.64	22.61	23.00
	Subtest 3	22.13	22.17	22.11	23.00



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