



Appendix E

Conducted RF Output Power Table

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1 Measurement of RF conducted Power

1.1 Conducted Power of Main Antenna

1.1.1 Conducted Power of GSM

GSM 850 Full power(state3)										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	32.49	32.25	32.64	33.80	-9.19	23.30	23.06	23.45	24.61
GPRS/EGPRS (GMSK)	1 TX Slot	32.42	32.67	32.60	33.80	-9.19	23.23	23.48	23.41	24.61
	2 TX Slots	30.69	30.78	30.74	30.80	-6.18	24.51	24.60	24.56	24.62
	3 TX Slots	28.91	28.89	28.95	29.00	-4.42	24.49	24.47	24.53	24.58
	4 TX Slots	27.74	27.79	27.75	27.80	-3.17	24.57	24.62	24.58	24.63
EGPRS (8PSK)	1 TX Slot	26.96	26.83	26.80	27.80	-9.19	17.77	17.64	17.61	18.61
	2 TX Slots	25.15	25.22	25.09	25.30	-6.18	18.97	19.04	18.91	19.12
	3 TX Slots	23.59	23.57	23.66	23.80	-4.42	19.17	19.15	19.24	19.38
	4 TX Slots	22.42	22.47	22.39	22.80	-3.17	19.25	19.30	19.22	19.63
GSM 850 sensor on(state2: 3-6mm)										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	30.98	31.02	31.00	31.80	-9.19	21.79	21.83	21.81	22.61
GPRS/EGPRS (GMSK)	1 TX Slot	30.99	31.01	31.05	31.80	-9.19	21.80	21.82	21.86	22.61
	2 TX Slots	28.77	28.80	28.79	28.80	-6.18	22.59	22.62	22.61	22.62
	3 TX Slots	26.98	26.99	27.00	27.00	-4.42	22.56	22.57	22.58	22.58
	4 TX Slots	25.71	25.74	25.69	25.80	-3.17	22.54	22.57	22.52	22.63
EGPRS (8PSK)	1 TX Slot	26.75	26.83	26.85	27.80	-9.19	17.56	17.64	17.66	18.61
	2 TX Slots	23.19	23.25	23.20	23.30	-6.18	17.01	17.07	17.02	17.12
	3 TX Slots	20.36	20.66	20.42	21.80	-4.42	15.94	16.24	16.00	17.38
	4 TX Slots	20.57	20.33	20.22	21.80	-3.17	17.40	17.16	17.05	18.63
GSM 850 sensor on(state1: 0-3mm)										
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up
Channel		128	190	251			128	190	251	
GSM(GMSK)	GSM	29.06	29.09	29.05	29.80	-9.19	19.87	19.90	19.86	20.61
GPRS/EGPRS (GMSK)	1 TX Slot	29.08	29.05	29.10	29.80	-9.19	19.89	19.86	19.91	20.61
	2 TX Slots	26.77	26.78	26.80	26.80	-6.18	20.59	20.60	20.62	20.62
	3 TX Slots	24.89	24.88	24.94	25.00	-4.42	20.47	20.46	20.52	20.58
	4 TX Slots	23.71	23.69	23.75	23.80	-3.17	20.54	20.52	20.58	20.63
EGPRS (8PSK)	1 TX Slot	24.59	24.65	24.63	25.80	-9.19	15.40	15.46	15.44	16.61
	2 TX Slots	21.22	21.29	21.18	21.30	-6.18	15.04	15.11	15.00	15.12
	3 TX Slots	19.70	19.75	19.69	19.80	-4.42	15.28	15.33	15.27	15.38
	4 TX Slots	19.56	19.61	19.59	19.80	-3.17	16.39	16.44	16.42	16.63

GSM 1900 Full power(state3)											
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up	
Channel		512	661	810			512	661	810		
GSM(GMSK)	GSM	29.66	29.67	29.59	30.80	-9.19	20.47	20.48	20.40	21.61	
GPRS/ EGPRS (GMSK)	1 TX Slot	29.63	29.62	29.61	30.80	-9.19	20.44	20.43	20.42	21.61	
	2 TX Slots	27.72	27.56	27.71	27.80	-6.18	21.54	21.38	21.53	21.62	
	3 TX Slots	25.69	25.78	25.89	26.00	-4.42	21.27	21.36	21.47	21.58	
	4 TX Slots	24.72	24.75	24.69	24.80	-3.17	21.55	21.58	21.52	21.63	
EGPRS (8PSK)	1 TX Slot	25.46	25.31	25.42	26.60	-9.19	16.27	16.12	16.23	17.41	
	2 TX Slots	23.67	23.71	23.65	24.10	-6.18	17.49	17.53	17.47	17.92	
	3 TX Slots	21.29	21.34	21.33	22.60	-4.42	16.87	16.92	16.91	18.18	
	4 TX Slots	20.07	20.21	20.19	21.60	-3.17	16.90	17.04	17.02	18.43	
GSM 1900 sensor on(state2: 3-6mm)											
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up	
Channel		512	661	810			512	661	810		
GSM(GMSK)	GSM	27.70	27.58	27.61	28.80	-9.19	18.51	18.39	18.42	19.61	
GPRS/ EGPRS (GMSK)	1 TX Slot	27.74	27.59	27.56	28.80	-9.19	18.55	18.40	18.37	19.61	
	2 TX Slots	25.64	25.80	25.58	25.80	-6.18	19.46	19.62	19.40	19.62	
	3 TX Slots	23.75	23.72	23.83	24.00	-4.42	19.33	19.30	19.41	19.58	
	4 TX Slots	22.36	22.54	22.56	22.80	-3.17	19.19	19.37	19.39	19.63	
EGPRS (8PSK)	1 TX Slot	23.39	23.32	23.26	24.60	-9.19	14.20	14.13	14.07	15.41	
	2 TX Slots	21.36	21.49	21.51	22.10	-6.18	15.18	15.31	15.33	15.92	
	3 TX Slots	19.89	20.01	19.97	20.60	-4.42	15.47	15.59	15.55	16.18	
	4 TX Slots	18.88	18.78	18.65	19.60	-3.17	15.71	15.61	15.48	16.43	
GSM 1900 sensor on(state1: 0-3mm)											
Burst Output Power(dBm)					Tune up	Division Factors	Frame-Average Output Power(dBm)			Tune up	
Channel		512	661	810			512	661	810		
GSM(GMSK)	GSM	25.65	25.74	25.66	26.80	-9.19	16.46	16.55	16.47	17.61	
GPRS/ EGPRS (GMSK)	1 TX Slot	25.72	25.81	25.73	26.80	-9.19	16.53	16.62	16.54	17.61	
	2 TX Slots	23.55	23.68	23.79	23.80	-6.18	17.37	17.50	17.61	17.62	
	3 TX Slots	21.64	21.75	21.65	22.00	-4.42	17.22	17.33	17.23	17.58	
	4 TX Slots	20.49	20.55	20.32	20.80	-3.17	17.32	17.38	17.15	17.63	
EGPRS (8PSK)	1 TX Slot	21.22	21.28	21.29	22.60	-9.19	12.03	12.09	12.10	13.41	
	2 TX Slots	21.05	21.12	21.18	22.60	-6.18	14.87	14.94	15.00	16.42	
	3 TX Slots	17.84	17.89	17.82	18.60	-4.42	13.42	13.47	13.40	14.18	
	4 TX Slots	16.59	16.67	16.58	17.60	-3.17	13.42	13.50	13.41	14.43	

Table 1 : Conducted Power of GSM



1.1.2 Conducted Power of WCDMA

WCDMA Band II Full power(state3)					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.48	23.31	23.07	24.80
	12.2kbps AMR	23.36	23.26	23.05	24.80
HSDPA	Subtest 1	22.31	22.37	22.28	23.80
	Subtest 2	22.29	22.34	22.25	23.80
	Subtest 3	21.79	21.89	21.83	23.30
	Subtest 4	21.80	21.84	21.81	23.30
HSUPA	Subtest 1	22.39	22.40	22.34	23.80
	Subtest 2	20.30	20.38	20.39	21.80
	Subtest 3	21.31	21.36	21.35	22.80
	Subtest 4	20.12	20.14	20.20	21.80
	Subtest 5	22.30	22.40	22.30	23.80
DC-HSDPA	Subtest 1	21.93	21.76	21.51	23.30
	Subtest 2	21.79	21.70	21.47	23.30
	Subtest 3	21.26	21.32	21.18	22.80
	Subtest 4	21.21	21.29	21.28	22.80

WCDMA Band II sensor on(state2: 3-6mm)					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	21.77	21.85	21.78	22.80
	12.2kbps AMR	21.76	21.81	21.74	22.80
HSDPA	Subtest 1	20.25	20.26	20.23	21.80
	Subtest 2	20.19	20.23	20.21	21.80
	Subtest 3	19.73	19.82	19.76	21.30
	Subtest 4	19.75	19.74	19.74	21.30
HSUPA	Subtest 1	20.31	20.34	20.24	21.80
	Subtest 2	18.21	18.33	18.28	19.80
	Subtest 3	19.21	19.30	19.29	20.80
	Subtest 4	18.03	18.06	18.11	19.80
	Subtest 5	20.24	20.30	20.25	21.80
DC-HSDPA	Subtest 1	20.02	19.78	19.58	21.30
	Subtest 2	19.70	19.76	19.42	21.30
	Subtest 3	19.37	19.25	19.10	20.80
	Subtest 4	19.15	19.24	19.38	20.80



WCDMA Band II sensor on(state1: 0-3mm)					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	19.74	19.81	19.70	20.80
	12.2kbps AMR	19.68	19.78	19.69	20.80
HSDPA	Subtest 1	18.22	18.29	18.27	19.80
	Subtest 2	18.18	18.28	18.23	19.80
	Subtest 3	17.70	17.79	17.72	19.30
	Subtest 4	17.73	17.76	17.75	19.30
HSUPA	Subtest 1	18.32	18.31	18.26	19.80
	Subtest 2	16.20	16.31	16.30	17.80
	Subtest 3	17.22	17.31	17.30	18.80
	Subtest 4	16.06	16.04	16.13	17.80
	Subtest 5	18.21	18.29	18.21	19.80
DC-HSDPA	Subtest 1	18.03	17.79	17.57	19.30
	Subtest 2	17.74	17.75	17.36	19.30
	Subtest 3	17.32	17.27	17.11	18.80
	Subtest 4	17.12	17.20	17.37	18.80

WCDMA Band IV Full power(state3)					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	23.80	23.85	23.79	24.80
	12.2kbps AMR	23.81	23.84	23.79	24.80
HSDPA	Subtest 1	22.92	22.96	22.89	23.80
	Subtest 2	22.88	22.92	22.85	23.80
	Subtest 3	22.36	22.48	22.39	23.30
	Subtest 4	22.35	22.39	22.36	23.30
HSUPA	Subtest 1	22.95	22.97	22.92	23.80
	Subtest 2	20.87	20.95	20.98	21.80
	Subtest 3	21.91	21.92	21.90	22.80
	Subtest 4	20.73	20.74	20.81	21.80
	Subtest 5	22.89	22.99	22.89	23.80
DC-HSDPA	Subtest 1	22.25	22.28	22.26	23.30
	Subtest 2	22.22	22.25	22.20	23.30
	Subtest 3	21.81	21.82	21.81	22.80
	Subtest 4	21.82	21.87	21.85	22.80



WCDMA Band IV sensor on(state2: 3-6mm)					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	22.35	22.38	22.45	23.30
	12.2kbps AMR	22.43	22.30	22.40	23.30
HSDPA	Subtest 1	21.31	21.38	21.33	22.30
	Subtest 2	21.32	21.35	21.31	22.30
	Subtest 3	20.79	20.89	20.78	21.80
	Subtest 4	20.76	20.84	20.76	21.80
HSUPA	Subtest 1	21.40	21.40	21.36	22.30
	Subtest 2	19.31	19.40	19.41	20.30
	Subtest 3	20.31	20.35	20.34	21.30
	Subtest 4	19.18	19.15	19.21	20.30
	Subtest 5	21.31	21.41	21.31	22.30
DC-HSDPA	Subtest 1	20.85	20.76	20.66	21.80
	Subtest 2	20.66	20.73	20.60	21.80
	Subtest 3	20.41	20.24	20.37	21.30
	Subtest 4	20.23	20.31	20.26	21.30

WCDMA Band IV sensor on(state1: 0-3mm)					
Average Conducted Power(dBm)					
Channel		9262	9400	9538	Tune up
WCDMA	12.2kbps RMC	20.41	20.42	20.46	21.30
	12.2kbps AMR	20.39	20.40	20.41	21.30
HSDPA	Subtest 1	19.34	19.35	19.32	20.30
	Subtest 2	19.28	19.32	19.30	20.30
	Subtest 3	18.81	18.87	18.79	19.80
	Subtest 4	18.79	18.84	18.77	19.80
HSUPA	Subtest 1	19.36	19.40	19.33	20.30
	Subtest 2	17.30	17.36	17.42	18.30
	Subtest 3	18.34	18.37	18.33	19.30
	Subtest 4	17.14	17.13	17.24	18.30
	Subtest 5	19.34	19.38	19.31	20.30
DC-HSDPA	Subtest 1	18.86	18.78	18.64	19.80
	Subtest 2	18.64	18.75	18.62	19.80
	Subtest 3	18.41	18.27	18.38	19.30
	Subtest 4	18.26	18.27	18.27	19.30



WCDMA Band V					
Average Conducted Power(dBm)					
Channel		4132	4182	4233	Tune up
WCDMA	12.2kbps RMC	23.20	23.47	23.31	24.80
	12.2kbps AMR	23.15	23.44	23.36	24.80
HSDPA	Subtest 1	22.86	22.89	22.82	24.30
	Subtest 2	22.83	22.87	22.80	24.30
	Subtest 3	22.29	22.41	22.29	23.80
	Subtest 4	22.28	22.30	22.25	23.80
HSUPA	Subtest 1	22.87	22.91	22.84	24.30
	Subtest 2	20.82	20.90	20.93	22.30
	Subtest 3	21.80	21.87	21.83	23.30
	Subtest 4	20.67	20.64	20.71	22.30
	Subtest 5	22.80	22.90	22.83	24.30
DC-HSDPA	Subtest 1	22.09	22.39	22.27	23.80
	Subtest 2	22.05	22.36	22.23	23.80
	Subtest 3	21.79	21.80	21.73	23.30
	Subtest 4	21.72	21.80	21.77	23.30

Table 2 : Conducted Power of WCDMA



1.1.3 Conducted Power of CDMA

CDMA BC0				
Average Conducted Power(dBm)				
Channel	1013	384	777	Tune up
1XR TT RC1 SO55	24.26	24.25	24.35	24.80
1XR TT RC3 SO55	24.25	24.31	24.35	24.80
1XR TT RC3 SO32 (FCH)	24.32	24.25	24.32	24.80
1XR TT RC3 SO32 (+ SCH)	24.21	24.32	24.29	24.80
1XE VDO RTAP 153.6Kbps	24.05	24.11	24.08	24.80
1XE VDO RETAP 4096Bits	24.03	24.02	24.10	24.80

CDMA BC1 Full power(state3)				
Average Conducted Power(dBm)				
Channel	25	600	1175	Tune up
1XR TT RC1 SO55	24.50	24.10	24.12	24.80
1XR TT RC3 SO55	24.50	23.92	24.15	24.80
1XR TT RC3 SO32 (FCH)	24.40	23.93	24.03	24.80
1XR TT RC3 SO32 (+ SCH)	24.40	23.80	24.02	24.80
1XE VDO RTAP 153.6Kbps	24.32	23.73	24.09	24.80
1XE VDO RETAP 4096Bits	24.23	23.68	24.11	24.80



CDMA BC1 sensor on(state2: 3-6mm)				
Average Conducted Power(dBm)				
Channel	25	600	1175	22.8
1XR TT RC1 SO55	22.29	22.01	22.00	22.80
1XR TT RC3 SO55	22.26	21.86	22.03	22.80
1XR TT RC3 SO32 (FCH)	22.08	21.91	21.92	22.80
1XR TT RC3 SO32 (+ SCH)	22.03	21.71	21.89	22.80
1XE VDO RTAP 153.6Kbps	22.11	21.68	21.98	22.80
1XE VDO RETAP 4096Bits	22.13	21.62	22.07	22.80

CDMA BC1 sensor on(state1: 0-3mm)				
Average Conducted Power(dBm)				
Channel	25	600	1175	Tune up
1XR TT RC1 SO55	20.21	19.90	19.90	20.80
1XR TT RC3 SO55	20.18	19.76	19.94	20.80
1XR TT RC3 SO32 (FCH)	19.99	19.81	19.82	20.80
1XR TT RC3 SO32 (+ SCH)	19.98	19.63	19.82	20.80
1XE VDO RTAP 153.6Kbps	20.02	19.61	19.90	20.80
1XE VDO RETAP 4096Bits	20.02	19.54	19.96	20.80



CDMA BC10 Full power(state3)				
Average Conducted Power(dBm)				
Channel	476	580	684	Tune up
1XR TT RC1 SO55	24.27	24.33	24.33	24.80
1XR TT RC3 SO55	24.21	24.25	24.29	24.80
1XR TT RC3 SO32 (FCH)	24.24	24.29	24.31	24.80
1XR TT RC3 SO32 (+ SCH)	24.32	24.18	24.19	24.80
1XE VDO RTAP 153.6Kbps	24.23	24.08	24.19	24.80
1XE VDO RETAP 4096Bits	24.16	24.14	24.10	24.80

CDMA BC10 sensor on(state2: 3-6mm)				
Average Conducted Power(dBm)				
Channel	476	580	684	Tune up
1XR TT RC1 SO55	22.19	22.22	22.24	22.80
1XR TT RC3 SO55	22.10	22.14	22.24	22.80
1XR TT RC3 SO32 (FCH)	22.17	22.22	22.24	22.80
1XR TT RC3 SO32 (+ SCH)	22.24	22.07	22.13	22.80
1XE VDO RTAP 153.6Kbps	22.13	22.03	22.09	22.80
1XE VDO RETAP 4096Bits	22.11	22.08	22.03	22.80



CDMA BC10 sensor on(state1: 0-3mm)				
Average Conducted Power(dBm)				
Channel	476	580	684	Tune up
1XRTT RC1 SO55	20.09	20.14	20.17	20.80
1XRTT RC3 SO55	19.99	20.08	20.17	20.80
1XRTT RC3 SO32 (FCH)	20.10	20.17	20.13	20.80
1XRTT RC3 SO32 (+ SCH)	20.13	19.97	20.08	20.80
1XEVD0 RTAP 153.6Kbps	20.04	19.94	19.98	20.80
1XEVD0 RETAP 4096Bits	20.04	20.00	19.96	20.80

Table 3 : Conducted Power of CDMA



1.1.4 Conducted Power of LTE

LTE Band 2 Full power(state3)				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18607	18900	19193		
1.4MHz	QPSK	1	0	23.64	23.19	23.10	24.80	
		1	2	23.85	23.15	23.49	24.80	
		1	5	23.69	23.21	23.44	24.80	
		3	0	23.67	23.19	23.44	24.80	
		3	2	23.78	23.25	23.55	24.80	
		3	3	23.68	23.10	23.33	24.80	
	16QAM	6	0	22.72	22.17	22.39	23.80	
		1	0	22.90	22.42	22.79	23.80	
		1	2	22.94	22.82	22.57	23.80	
		1	5	22.83	22.60	22.73	23.80	
		3	0	22.79	22.23	22.45	23.80	
		3	2	22.82	22.14	22.62	23.80	
	64QAM	3	3	22.77	22.23	22.56	23.80	
		6	0	21.83	21.26	21.42	22.80	
		1	0	21.64	21.59	21.66	22.80	
		1	2	21.63	21.58	21.55	22.80	
		1	5	21.57	21.64	21.57	22.80	
		3	0	21.57	21.60	21.55	22.80	
	3MHz	QPSK	3	2	21.57	21.62	21.66	22.80
			3	3	21.58	21.66	21.63	22.80
			6	0	20.65	20.66	20.64	21.80
1			0	23.85	23.09	23.67	24.80	
1			7	23.92	23.19	23.76	24.80	
1			14	23.57	23.11	23.36	24.80	
16QAM		8	0	22.70	22.23	22.66	23.80	
		8	4	22.69	22.14	22.70	23.80	
		8	7	22.68	22.09	22.60	23.80	
		15	0	22.73	22.24	22.63	23.80	
		1	0	22.65	22.35	22.70	23.80	
		1	7	23.25	22.75	23.00	23.80	
64QAM	1	14	22.56	22.57	22.58	23.80		
	8	0	21.78	21.29	21.75	22.80		
	8	4	21.86	21.14	21.62	22.80		
	8	7	21.85	21.20	21.74	22.80		
	15	0	21.81	21.15	21.64	22.80		
	1	0	21.66	21.64	21.65	22.80		
64QAM	1	7	21.58	21.68	21.55	22.80		
	1	14	21.65	21.54	21.63	22.80		
	8	0	20.65	20.65	20.67	21.80		
	8	4	20.71	20.62	20.72	21.80		
	8	7	20.66	20.63	20.58	21.80		
	15	0	20.64	20.68	20.76	21.80		



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.80	23.00	23.17	24.80
		1	13	23.86	23.14	23.31	24.80
		1	24	23.50	23.02	22.91	24.80
		12	0	22.59	22.14	22.16	23.80
		12	6	22.61	22.05	22.19	23.80
		12	13	22.62	22.02	22.10	23.80
		25	0	22.63	22.17	22.13	23.80
	16QAM	1	0	22.59	22.25	22.23	23.80
		1	13	23.20	22.64	22.51	23.80
		1	24	22.45	22.52	22.10	23.80
		12	0	21.67	21.18	21.29	22.80
		12	6	21.81	21.05	21.11	22.80
		12	13	21.74	21.14	21.26	22.80
		25	0	21.74	21.06	21.13	22.80
	64QAM	1	0	21.57	21.60	21.65	22.80
		1	13	21.66	21.61	21.56	22.80
		1	24	21.59	21.65	21.68	22.80
		12	0	20.71	20.55	20.75	21.80
		12	6	20.64	20.65	20.70	21.80
		12	13	20.63	20.59	20.58	21.80
		25	0	20.69	20.70	20.58	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	23.71	22.92	23.11	24.80
		1	25	23.77	23.04	23.25	24.80
		1	49	23.40	22.97	22.82	24.80
		25	0	22.49	22.04	22.07	23.80
		25	13	22.53	22.00	22.12	23.80
		25	25	22.52	21.91	22.05	23.80
		50	0	22.57	22.07	22.03	23.80
	16QAM	1	0	22.50	22.15	22.12	23.80
		1	25	23.09	22.59	22.46	23.80
		1	49	22.39	22.41	22.00	23.80
		25	0	21.57	21.08	21.20	22.80
		25	13	21.71	20.99	21.00	22.80
		25	25	21.68	21.06	21.21	22.80
		50	0	21.69	20.95	21.07	22.80
	64QAM	1	0	21.67	21.57	21.60	22.80
		1	25	21.59	21.60	21.55	22.80
		1	49	21.60	21.65	21.63	22.80
		25	0	20.62	20.69	20.61	21.80
		25	13	20.75	20.74	20.72	21.80
		25	25	20.69	20.75	20.59	21.80
		50	0	20.60	20.74	20.66	21.80



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	23.77	23.03	23.17	24.80
		1	38	23.82	23.11	23.32	24.80
		1	74	23.47	23.03	22.91	24.80
		36	0	22.57	22.13	22.18	23.80
		36	18	22.60	22.05	22.22	23.80
		36	39	22.61	21.97	22.14	23.80
		75	0	22.67	22.14	22.09	23.80
	16QAM	1	0	22.59	22.21	22.17	23.80
		1	38	23.17	22.65	22.56	23.80
		1	74	22.50	22.48	22.09	23.80
		36	0	21.66	21.13	21.31	22.80
		36	18	21.79	21.06	21.10	22.80
		36	39	21.78	21.17	21.28	22.80
		75	0	21.74	21.06	21.15	22.80
	64QAM	1	0	21.59	21.59	21.56	22.80
		1	38	21.65	21.65	21.64	22.80
		1	74	21.65	21.58	21.56	22.80
		36	0	20.54	20.61	20.69	21.80
		36	18	20.55	20.55	20.67	21.80
		36	39	20.58	20.64	20.68	21.80
		75	0	20.62	20.68	20.57	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	23.48	23.73	23.56	24.80
		1	50	23.65	23.52	23.40	24.80
		1	99	23.94	23.61	23.37	24.80
		50	0	23.60	22.73	23.46	23.80
		50	25	23.42	22.62	23.56	23.80
		50	50	23.19	22.38	23.28	23.80
		100	0	23.41	22.42	23.35	23.80
	16QAM	1	0	22.91	22.52	23.79	23.80
		1	50	23.39	23.53	23.49	23.80
		1	99	23.02	23.12	23.49	23.80
		50	0	21.42	21.62	21.51	22.80
		50	25	21.49	21.62	21.55	22.80
		50	50	21.33	21.53	21.27	22.80
		100	0	21.36	21.52	21.28	22.80
	64QAM	1	0	21.68	21.55	21.58	22.80
		1	50	21.57	21.66	21.61	22.80
		1	99	21.56	21.59	21.67	22.80
		50	0	20.70	20.58	20.67	21.80
		50	25	20.62	20.58	20.78	21.80
		50	50	20.71	20.59	20.66	21.80
		100	0	20.72	20.69	20.55	21.80



LTE Band 2 sensor on(state2: 3-6mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	21.60	21.65	21.62	22.80
		1	2	21.74	21.79	21.86	22.80
		1	5	21.83	21.67	21.89	22.80
		3	0	21.56	21.68	21.56	22.80
		3	2	21.83	21.79	21.72	22.80
		3	3	21.70	21.78	21.81	22.80
	16QAM	6	0	21.56	21.76	21.85	22.80
		1	0	21.69	21.80	21.87	22.80
		1	2	21.82	21.63	21.74	22.80
		1	5	21.72	21.79	21.67	22.80
		3	0	21.79	21.69	21.77	22.80
		3	2	21.59	21.73	21.67	22.80
	64QAM	3	3	21.56	21.56	21.88	22.80
		6	0	20.64	20.54	20.56	21.80
		1	0	20.71	20.71	20.81	21.80
		1	2	20.70	20.74	20.76	21.80
		1	5	20.63	20.55	20.73	21.80
		3	0	20.76	20.63	20.55	21.80
3MHz	QPSK	3	2	20.83	20.59	20.70	21.80
		3	3	20.77	20.69	20.72	21.80
		6	0	19.87	19.79	19.87	20.80
		1	0	21.56	21.76	21.74	22.80
		1	7	21.84	21.92	21.87	22.80
		1	14	21.61	21.81	21.62	22.80
	16QAM	8	0	21.88	21.61	21.65	22.80
		8	4	21.60	21.77	21.87	22.80
		8	7	21.67	21.68	21.54	22.80
		15	0	21.55	21.71	21.79	22.80
		1	0	21.61	21.88	21.83	22.80
		1	7	21.90	21.86	21.57	22.80
	64QAM	1	14	21.88	21.66	21.60	22.80
		8	0	20.60	20.76	20.80	21.80
		8	4	20.73	20.61	20.71	21.80
		8	7	20.73	20.62	20.83	21.80
		15	0	20.61	20.71	20.65	21.80
		1	0	20.70	20.83	20.70	21.80
64QAM	1	7	20.81	20.54	20.81	21.80	
	1	14	20.81	20.73	20.81	21.80	
	8	0	19.76	19.75	19.69	20.80	
	8	4	19.80	19.95	19.72	20.80	
	8	7	19.75	19.78	19.84	20.80	
	15	0	19.64	19.83	19.65	20.80	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	21.73	21.63	21.85	22.80
		1	13	21.78	21.56	21.75	22.80
		1	24	21.82	21.75	21.78	22.80
		12	0	21.74	21.71	21.62	22.80
		12	6	21.75	21.57	21.83	22.80
		12	13	21.69	21.65	21.58	22.80
		25	0	21.77	21.77	21.56	22.80
	16QAM	1	0	21.59	21.79	21.81	22.80
		1	13	21.57	21.63	21.81	22.80
		1	24	21.64	21.67	21.62	22.80
		12	0	20.62	20.61	20.66	21.80
		12	6	20.69	20.64	20.64	21.80
		12	13	20.82	20.78	20.74	21.80
		25	0	20.54	20.74	20.69	21.80
	64QAM	1	0	20.82	20.83	20.72	21.80
		1	13	20.64	20.62	20.57	21.80
		1	24	20.69	20.70	20.62	21.80
		12	0	19.89	19.81	19.69	20.80
		12	6	19.84	19.65	19.94	20.80
		12	13	19.69	19.38	19.81	20.80
		25	0	19.75	19.71	19.80	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	21.61	21.88	21.76	22.80
		1	25	21.68	21.56	21.69	22.80
		1	49	21.77	21.79	21.84	22.80
		25	0	21.75	21.64	21.65	22.80
		25	13	21.73	21.73	21.85	22.80
		25	25	21.60	21.71	21.76	22.80
		50	0	21.84	21.72	21.74	22.80
	16QAM	1	0	21.74	21.85	21.81	22.80
		1	25	21.71	21.65	21.74	22.80
		1	49	21.75	21.85	21.57	22.80
		25	0	20.62	20.75	20.78	21.80
		25	13	20.63	20.54	20.71	21.80
		25	25	20.78	20.66	20.60	21.80
		50	0	20.69	20.82	20.63	21.80
	64QAM	1	0	20.67	20.74	20.65	21.80
		1	25	20.62	20.73	20.68	21.80
		1	49	20.69	20.55	20.67	21.80
		25	0	19.85	19.75	19.85	20.80
		25	13	19.67	19.66	19.94	20.80
		25	25	19.73	19.81	19.81	20.80
		50	0	19.71	19.82	19.77	20.80



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	21.57	21.67	21.90	22.80
		1	38	21.79	21.74	21.55	22.80
		1	74	21.65	21.75	21.77	22.80
		36	0	21.87	21.61	21.78	22.80
		36	18	21.71	21.63	21.78	22.80
		36	39	21.54	21.58	21.83	22.80
		75	0	21.75	21.87	21.54	22.80
	16QAM	1	0	21.58	21.66	21.89	22.80
		1	38	21.71	21.57	21.60	22.80
		1	74	21.69	21.63	21.55	22.80
		36	0	20.64	20.60	20.68	21.80
		36	18	20.58	20.77	20.55	21.80
		36	39	20.83	20.62	20.65	21.80
		75	0	20.75	20.59	20.56	21.80
	64QAM	1	0	20.68	20.73	20.72	21.80
		1	38	20.74	20.73	20.77	21.80
		1	74	20.56	20.74	20.70	21.80
		36	0	19.77	19.82	19.92	20.80
		36	18	19.88	19.91	19.80	20.80
		36	39	19.72	19.72	19.87	20.80
		75	0	19.68	19.76	19.69	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	21.59	21.88	21.66	22.80
		1	50	21.83	21.71	21.60	22.80
		1	99	21.92	21.91	21.63	22.80
		50	0	21.78	21.63	21.91	22.80
		50	25	21.88	21.60	21.82	22.80
		50	50	21.82	21.57	21.83	22.80
		100	0	21.55	21.78	21.75	22.80
	16QAM	1	0	21.83	21.81	21.74	22.80
		1	50	21.90	21.86	21.88	22.80
		1	99	21.61	21.85	21.70	22.80
		50	0	20.54	20.79	20.58	21.80
		50	25	20.56	20.67	20.73	21.80
		50	50	20.68	20.60	20.77	21.80
		100	0	20.83	20.64	20.65	21.80
	64QAM	1	0	20.61	20.70	20.63	21.80
		1	50	20.67	20.69	20.64	21.80
		1	99	20.74	20.73	20.67	21.80
		50	0	19.83	19.95	19.93	20.80
		50	25	19.66	19.77	19.95	20.80
		50	50	19.94	19.94	19.95	20.80
		100	0	19.86	19.73	19.89	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	21.59	21.88	21.66	22.80
		1	50	21.83	21.71	21.60	22.80
		1	99	21.92	21.91	21.63	22.80
		50	0	21.78	21.63	21.91	22.80
		50	25	21.88	21.60	21.82	22.80
		50	50	21.82	21.57	21.83	22.80
		100	0	21.55	21.78	21.75	22.80
	16QAM	1	0	21.83	21.81	21.74	22.80
		1	50	21.90	21.86	21.88	22.80
		1	99	21.61	21.85	21.70	22.80
		50	0	20.54	20.79	20.58	21.80
		50	25	20.56	20.67	20.73	21.80
		50	50	20.68	20.60	20.77	21.80
		100	0	20.83	20.64	20.65	21.80
	64QAM	1	0	20.61	20.70	20.63	21.80
		1	50	20.67	20.69	20.64	21.80
		1	99	20.74	20.73	20.67	21.80
		50	0	19.83	19.95	19.93	20.80
		50	25	19.66	19.77	19.95	20.80
		50	50	19.94	19.94	19.95	20.80
		100	0	19.86	19.73	19.89	20.80



LTE Band 2 sensor on(state1: 0-3mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	19.81	19.39	19.48	20.80
		1	2	19.84	19.65	19.68	20.80
		1	5	19.41	19.60	19.46	20.80
		3	0	19.82	19.60	19.45	20.80
		3	2	19.50	19.38	19.39	20.80
		3	3	19.82	19.39	19.48	20.80
	16QAM	6	0	19.55	19.76	19.69	20.80
		1	0	19.62	19.35	19.64	20.80
		1	2	19.64	19.53	19.39	20.80
		1	5	19.45	19.46	19.39	20.80
		3	0	19.48	19.77	19.78	20.80
		3	2	19.44	19.80	19.38	20.80
	64QAM	3	3	19.44	19.44	19.70	20.80
		6	0	19.77	19.38	19.41	20.80
		1	0	19.35	19.65	19.40	20.80
		1	2	19.42	19.63	19.45	20.80
		1	5	19.81	19.38	19.47	20.80
		3	0	19.56	19.47	19.82	20.80
3MHz	QPSK	3	2	19.41	19.75	19.82	20.80
		3	3	19.69	19.65	19.74	20.80
		6	0	19.70	19.57	19.65	20.80
		1	0	19.35	19.68	19.77	20.80
		1	7	19.47	19.77	19.45	20.80
		1	14	19.68	19.36	19.39	20.80
	16QAM	8	0	19.37	19.60	19.56	20.80
		8	4	19.71	19.66	19.71	20.80
		8	7	19.43	19.73	19.39	20.80
		15	0	19.38	19.82	19.48	20.80
		1	0	19.63	19.61	19.68	20.80
		1	7	19.61	19.44	19.37	20.80
	64QAM	1	14	19.51	19.34	19.61	20.80
		8	0	19.42	19.52	19.64	20.80
		8	4	19.36	19.74	19.43	20.80
		8	7	19.62	19.68	19.59	20.80
		15	0	19.62	19.47	19.39	20.80
		1	0	19.77	19.78	19.49	20.80
64QAM	1	7	19.66	19.41	19.53	20.80	
	1	14	19.65	19.49	19.75	20.80	
	8	0	19.68	19.39	19.79	20.80	
	8	4	19.74	19.48	19.39	20.80	
	8	7	19.57	19.80	19.55	20.80	
	15	0	19.56	19.40	19.63	20.80	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				18625	18900	19175		
5MHz	QPSK	1	0	19.46	19.53	19.37	20.80	
		1	13	19.75	19.68	19.60	20.80	
		1	24	19.65	19.36	19.48	20.80	
		12	0	19.55	19.51	19.38	20.80	
		12	6	19.65	19.52	19.77	20.80	
		12	13	19.56	19.51	19.42	20.80	
	16QAM	25	0	19.57	19.59	19.48	20.80	
		1	0	19.50	19.39	19.54	20.80	
		1	13	19.38	19.40	19.77	20.80	
		1	24	19.56	19.60	19.73	20.80	
		12	0	19.75	19.35	19.39	20.80	
		12	6	19.76	19.61	19.34	20.80	
	64QAM	12	13	19.71	19.66	19.61	20.80	
		25	0	19.70	19.68	19.51	20.80	
		1	0	19.56	19.42	19.63	20.80	
		1	13	19.67	19.64	19.74	20.80	
		1	24	19.68	19.78	19.77	20.80	
		12	0	19.75	19.73	19.64	20.80	
	10MHz	QPSK	12	6	19.44	19.36	19.38	20.80
			12	13	19.70	19.70	19.39	20.80
			25	0	19.39	19.45	19.34	20.80
1			0	19.35	19.80	19.40	20.80	
1			25	19.48	19.35	19.35	20.80	
1			49	19.46	19.82	19.50	20.80	
16QAM		25	0	19.68	19.84	19.61	20.80	
		25	13	19.76	19.74	19.62	20.80	
		25	25	19.58	19.44	19.73	20.80	
		50	0	19.48	19.58	19.72	20.80	
		1	0	19.35	19.84	19.48	20.80	
		1	25	19.44	19.50	19.55	20.80	
64QAM	1	49	19.57	19.37	19.50	20.80		
	25	0	19.48	19.46	19.37	20.80		
	25	13	19.54	19.85	19.58	20.80		
	25	25	19.36	19.63	19.51	20.80		
	50	0	19.79	19.35	19.83	20.80		
	1	0	19.50	19.35	19.71	20.80		
10MHz	64QAM	1	25	19.82	19.38	19.47	20.80	
		1	49	19.50	19.54	19.76	20.80	
		25	0	19.81	19.84	19.77	20.80	
		25	13	19.49	19.60	19.54	20.80	
		25	25	19.62	19.38	19.81	20.80	
		50	0	19.42	19.38	19.70	20.80	



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

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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	19.80	19.63	19.58	20.80
		1	38	19.66	19.86	19.80	20.80
		1	74	19.89	19.38	19.34	20.80
		36	0	19.77	19.79	19.76	20.80
		36	18	19.68	19.76	19.52	20.80
		36	39	19.45	19.63	19.79	20.80
		75	0	19.62	19.54	19.85	20.80
	16QAM	1	0	19.83	19.61	19.78	20.80
		1	38	19.54	19.61	19.75	20.80
		1	74	19.39	19.44	19.43	20.80
		36	0	19.79	19.88	19.88	20.80
		36	18	19.48	19.76	19.53	20.80
		36	39	19.42	19.80	19.44	20.80
		75	0	19.42	19.62	19.81	20.80
	64QAM	1	0	19.69	19.87	19.56	20.80
		1	38	19.50	19.82	19.55	20.80
		1	74	19.87	19.88	19.34	20.80
		36	0	19.48	19.73	19.88	20.80
		36	18	19.61	19.86	19.82	20.80
		36	39	19.55	19.75	19.38	20.80
		75	0	19.52	19.85	19.54	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	19.88	19.83	19.91	20.80
		1	50	19.71	19.73	19.82	20.80
		1	99	19.93	19.90	19.85	20.80
		50	0	19.67	19.70	19.64	20.80
		50	25	19.91	19.70	19.83	20.80
		50	50	19.92	19.83	19.77	20.80
		100	0	19.70	19.79	19.90	20.80
	16QAM	1	0	19.74	19.92	19.78	20.80
		1	50	19.69	19.79	19.76	20.80
		1	99	19.78	19.90	19.90	20.80
		50	0	19.69	19.64	19.85	20.80
		50	25	19.81	19.69	19.89	20.80
		50	50	19.85	19.72	19.76	20.80
		100	0	19.91	19.76	19.88	20.80
	64QAM	1	0	19.74	19.80	19.72	20.80
		1	50	19.93	19.69	19.90	20.80
		1	99	19.64	19.86	19.85	20.80
		50	0	19.66	19.89	19.65	20.80
		50	25	19.65	19.67	19.82	20.80
		50	50	19.81	19.92	19.86	20.80
		100	0	19.72	19.70	19.80	20.80



LTE Band 4 Full power(state3)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.06	22.92	23.17	24.80
		1	2	23.16	23.16	23.19	24.80
		1	5	23.15	22.98	23.16	24.80
		3	0	23.24	23.05	23.15	24.80
		3	2	23.22	23.01	23.28	24.80
		3	3	23.07	22.83	23.14	24.80
	16QAM	6	0	22.49	22.36	22.68	23.80
		1	0	22.45	22.66	22.60	23.80
		1	2	22.73	22.92	23.09	23.80
		1	5	22.58	22.42	22.87	23.80
		3	0	22.55	22.28	22.62	23.80
		3	2	22.60	22.45	22.80	23.80
	64QAM	3	3	22.54	22.43	22.72	23.80
		6	0	21.55	21.39	21.58	22.80
		1	0	21.54	21.68	21.59	22.80
		1	2	21.65	21.67	21.59	22.80
		1	5	21.67	21.54	21.59	22.80
		3	0	21.61	21.62	21.63	22.80
3MHz	QPSK	3	2	21.61	21.68	21.66	22.80
		3	3	21.67	21.65	21.64	22.80
		6	0	20.77	20.75	20.54	21.80
		1	0	23.22	22.95	22.99	24.80
		1	7	23.24	23.21	23.28	24.80
		1	14	23.12	23.09	23.18	24.80
	16QAM	8	0	22.59	22.59	22.56	23.80
		8	4	22.57	22.61	22.58	23.80
		8	7	22.58	22.54	22.60	23.80
		15	0	22.61	22.56	22.51	23.80
		1	0	22.64	22.84	22.67	23.80
		1	7	22.57	22.71	23.01	23.80
	64QAM	1	14	22.59	22.17	22.19	23.80
		8	0	21.73	21.70	21.61	22.80
		8	4	21.64	21.66	21.76	22.80
		8	7	21.69	21.62	21.59	22.80
		15	0	21.65	21.70	21.60	22.80
		1	0	21.58	21.59	21.57	22.80
64QAM	1	7	21.60	21.54	21.68	22.80	
	1	14	21.66	21.60	21.57	22.80	
	8	0	20.67	20.75	20.78	21.80	
	8	4	20.70	20.78	20.54	21.80	
	8	7	20.72	20.69	20.75	21.80	
	15	0	20.74	20.61	20.76	21.80	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	1	0	23.11	23.11	22.97	24.80	
		1	13	23.14	23.39	23.26	24.80	
		1	24	23.03	23.24	23.18	24.80	
		12	0	22.49	22.74	22.56	23.80	
		12	6	22.47	22.77	22.54	23.80	
		12	13	22.49	22.70	22.61	23.80	
	16QAM	25	0	22.47	22.71	22.52	23.80	
		1	0	22.51	23.05	22.62	23.80	
		1	13	22.43	22.46	22.97	23.80	
		1	24	22.47	22.36	22.19	23.80	
		12	0	21.61	21.91	21.56	22.80	
		12	6	21.52	21.82	21.72	22.80	
	64QAM	12	13	21.58	21.81	21.54	22.80	
		25	0	21.55	21.86	21.57	22.80	
		1	0	21.67	21.65	21.60	22.80	
		1	13	21.62	21.55	21.58	22.80	
		1	24	21.67	21.62	21.62	22.80	
		12	0	20.54	20.65	20.78	21.80	
	10MHz	QPSK	12	6	20.54	20.54	20.58	21.80
			12	13	20.67	20.73	20.73	21.80
			25	0	20.73	20.77	20.56	21.80
1			0	23.12	23.09	22.97	24.80	
1			25	23.09	23.37	23.21	24.80	
1			49	23.01	23.24	23.13	24.80	
16QAM		25	0	22.50	22.73	22.51	23.80	
		25	13	22.47	22.74	22.50	23.80	
		25	25	22.45	22.66	22.60	23.80	
		50	0	22.43	22.69	22.49	23.80	
		1	0	22.50	23.04	22.59	23.80	
		1	25	22.39	22.42	22.95	23.80	
64QAM		1	49	22.48	22.36	22.16	23.80	
		25	0	21.61	21.89	21.51	22.80	
		25	13	21.53	21.81	21.70	22.80	
		25	25	21.59	21.77	21.52	22.80	
		50	0	21.53	21.81	21.56	22.80	
		1	0	21.66	21.54	21.60	22.80	
16QAM		1	25	21.66	21.57	21.56	22.80	
		1	49	21.67	21.54	21.57	22.80	
		25	0	20.78	20.69	20.59	21.80	
	25	13	20.55	20.74	20.69	21.80		
	25	25	20.55	20.70	20.57	21.80		
	50	0	20.62	20.71	20.63	21.80		



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.01	23.03	22.90	24.80
		1	38	23.03	23.26	23.16	24.80
		1	74	22.95	23.15	23.06	24.80
		36	0	22.39	22.65	22.40	23.80
		36	18	22.41	22.64	22.44	23.80
		36	39	22.36	22.59	22.51	23.80
		75	0	22.38	22.62	22.38	23.80
	16QAM	1	0	22.42	22.98	22.51	23.80
		1	38	22.29	22.31	22.85	23.80
		1	74	22.38	22.26	23.09	23.80
		36	0	21.55	21.81	21.40	22.80
		36	18	21.48	21.71	21.61	22.80
		36	39	21.52	21.68	21.44	22.80
		75	0	21.43	21.70	21.45	22.80
	64QAM	1	0	21.57	21.64	21.55	22.80
		1	38	21.61	21.65	21.68	22.80
		1	74	21.64	21.64	21.67	22.80
		36	0	20.58	20.55	20.67	21.80
		36	18	20.57	20.60	20.61	21.80
		36	39	20.72	20.72	20.76	21.80
		75	0	20.77	20.59	20.59	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	23.31	23.36	23.34	24.80
		1	50	23.17	23.28	23.25	24.80
		1	99	23.34	23.45	23.52	24.80
		50	0	22.37	22.44	22.32	23.80
		50	25	22.27	22.45	22.34	23.80
		50	50	22.45	22.42	22.33	23.80
		100	0	22.45	22.40	22.33	23.80
	16QAM	1	0	22.67	22.66	23.15	23.80
		1	50	22.81	22.52	22.38	23.80
		1	99	22.22	22.18	22.25	23.80
		50	0	21.26	21.48	21.30	22.80
		50	25	21.37	21.38	21.26	22.80
		50	50	21.39	21.48	21.35	22.80
		100	0	21.37	21.43	21.35	22.80
	64QAM	1	0	21.62	21.64	21.65	22.80
		1	50	21.62	21.66	21.61	22.80
		1	99	21.68	21.56	21.67	22.80
		50	0	20.70	20.75	20.59	21.80
		50	25	20.71	20.66	20.68	21.80
		50	50	20.65	20.62	20.59	21.80
		100	0	20.62	20.68	20.68	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	23.31	23.36	23.34	24.80
		1	50	23.17	23.28	23.25	24.80
		1	99	23.34	23.45	23.52	24.80
		50	0	22.37	22.44	22.32	23.80
		50	25	22.27	22.45	22.34	23.80
		50	50	22.45	22.42	22.33	23.80
		100	0	22.45	22.40	22.33	23.80
	16QAM	1	0	22.67	22.66	23.15	23.80
		1	50	22.81	22.52	22.38	23.80
		1	99	22.22	22.18	22.25	23.80
		50	0	21.26	21.48	21.30	22.80
		50	25	21.37	21.38	21.26	22.80
		50	50	21.39	21.48	21.35	22.80
		100	0	21.37	21.43	21.35	22.80
	64QAM	1	0	21.62	21.64	21.65	22.80
		1	50	21.62	21.66	21.61	22.80
		1	99	21.68	21.56	21.67	22.80
		50	0	20.70	20.75	20.59	21.80
		50	25	20.71	20.66	20.68	21.80
		50	50	20.65	20.62	20.59	21.80
		100	0	20.62	20.68	20.68	21.80



LTE Band 4 sensor on(state2: 3-6mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.84	21.64	21.77	22.80
		1	2	21.87	21.90	21.96	22.80
		1	5	21.88	21.76	21.79	22.80
		3	0	21.86	21.75	21.93	22.80
		3	2	21.95	21.85	21.81	22.80
		3	3	21.84	21.77	21.83	22.80
		6	0	21.67	21.84	21.97	22.80
	16QAM	1	0	21.95	21.74	21.74	22.80
		1	2	21.76	21.80	21.91	22.80
		1	5	21.71	21.80	21.88	22.80
		3	0	20.92	20.87	20.66	21.80
		3	2	20.73	20.85	20.73	21.80
		3	3	20.72	20.92	20.69	21.80
		6	0	20.64	20.88	20.81	21.80
	64QAM	1	0	20.80	20.68	20.89	21.80
		1	2	20.70	20.87	20.74	21.80
		1	5	20.69	20.81	20.81	21.80
		3	0	19.93	19.90	19.77	20.80
		3	2	19.80	19.74	19.84	20.80
		3	3	19.95	19.89	20.04	20.80
		6	0	19.88	19.96	19.83	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	21.92	21.96	21.94	22.80
		1	7	21.89	21.79	21.82	22.80
		1	14	21.72	21.66	21.89	22.80
		8	0	21.88	21.73	21.90	22.80
		8	4	21.97	21.81	21.96	22.80
		8	7	21.86	21.99	21.98	22.80
		15	0	22.00	21.87	21.98	22.80
	16QAM	1	0	21.76	21.77	21.84	22.80
		1	7	21.87	21.84	21.99	22.80
		1	14	21.82	21.72	21.97	22.80
		8	0	20.73	20.87	20.68	21.80
		8	4	20.71	20.74	20.80	21.80
		8	7	20.68	20.89	20.88	21.80
		15	0	20.82	20.74	20.89	21.80
	64QAM	1	0	20.66	20.65	20.67	21.80
		1	7	20.77	20.68	20.68	21.80
		1	14	20.80	20.88	20.77	21.80
		8	0	19.78	19.95	19.81	20.80
		8	4	19.91	19.90	19.99	20.80
		8	7	19.79	19.89	19.93	20.80
		15	0	19.91	19.78	19.75	20.80



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19975	20175	20375		
5MHz	QPSK	1	0	21.69	21.95	21.67	22.80	
		1	13	21.83	21.84	21.66	22.80	
		1	24	21.86	21.72	21.69	22.80	
		12	0	21.96	21.66	21.72	22.80	
		12	6	21.83	22.03	21.75	22.80	
		12	13	21.90	21.67	22.00	22.80	
	16QAM	25	0	21.92	21.84	21.92	22.80	
		1	0	21.91	21.89	21.72	22.80	
		1	13	21.85	21.86	21.64	22.80	
		1	24	21.65	22.00	21.84	22.80	
		12	0	20.86	20.83	20.79	21.80	
		12	6	20.68	20.74	20.73	21.80	
	64QAM	12	13	20.74	20.78	20.75	21.80	
		25	0	20.72	20.83	20.66	21.80	
		1	0	20.85	20.70	20.72	21.80	
		1	13	20.66	20.87	20.88	21.80	
		1	24	20.80	20.71	20.80	21.80	
		12	0	19.85	20.01	19.93	20.80	
	10MHz	QPSK	12	6	19.78	19.91	19.87	20.80
			12	13	19.91	19.83	19.96	20.80
			25	0	20.02	19.95	20.02	20.80
1			0	21.64	21.74	21.97	22.80	
1			25	21.93	22.00	21.64	22.80	
1			49	21.86	22.01	21.97	22.80	
16QAM		25	0	21.91	21.72	21.70	22.80	
		25	13	21.99	21.92	21.67	22.80	
		25	25	21.93	21.75	21.73	22.80	
		50	0	21.74	22.00	21.76	22.80	
		1	0	21.70	21.77	21.89	22.80	
		1	25	21.66	22.02	21.67	22.80	
64QAM	1	49	21.77	21.64	21.78	22.80		
	25	0	20.73	20.80	20.64	21.80		
	25	13	20.70	20.92	20.72	21.80		
	25	25	20.83	20.88	20.82	21.80		
	50	0	20.70	20.81	20.80	21.80		
	1	0	20.91	20.80	20.92	21.80		
10MHz	64QAM	1	25	20.69	20.87	20.88	21.80	
		1	49	20.88	20.85	20.84	21.80	
		25	0	19.92	20.02	19.87	20.80	
		25	13	19.81	19.79	19.87	20.80	
		25	25	19.78	19.83	20.02	20.80	
		50	0	20.05	19.96	19.98	20.80	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	22.02	21.96	21.69	22.80
		1	38	21.65	21.84	21.80	22.80
		1	74	21.98	21.66	22.00	22.80
		36	0	21.78	21.71	21.98	22.80
		36	18	22.03	21.92	21.94	22.80
		36	39	21.96	21.67	21.76	22.80
		75	0	21.71	22.02	21.91	22.80
	16QAM	1	0	21.87	21.77	21.93	22.80
		1	38	21.87	21.97	21.87	22.80
		1	74	21.85	21.97	21.98	22.80
		36	0	20.70	20.88	20.85	21.80
		36	18	20.65	20.91	20.78	21.80
		36	39	20.74	20.92	20.87	21.80
		75	0	20.67	20.66	20.88	21.80
	64QAM	1	0	20.83	20.82	20.77	21.80
		1	38	20.79	20.68	20.73	21.80
		1	74	20.80	20.75	20.72	21.80
		36	0	19.95	19.93	19.89	20.80
		36	18	19.89	19.98	19.91	20.80
		36	39	20.04	19.76	19.92	20.80
		75	0	20.04	20.03	19.81	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	21.96	21.97	22.05	22.80
		1	50	22.07	21.82	22.08	22.80
		1	99	22.02	21.94	22.06	22.80
		50	0	21.77	21.94	21.84	22.80
		50	25	21.80	21.95	21.96	22.80
		50	50	22.06	21.95	21.92	22.80
		100	0	21.95	22.04	21.94	22.80
	16QAM	1	0	21.83	22.02	22.03	22.80
		1	50	21.87	21.76	21.82	22.80
		1	99	21.86	21.92	22.00	22.80
		50	0	20.78	20.83	20.91	21.80
		50	25	20.94	20.99	20.74	21.80
		50	50	20.91	21.01	20.93	21.80
		100	0	20.69	20.76	20.84	21.80
	64QAM	1	0	20.79	20.88	20.84	21.80
		1	50	20.77	20.87	20.72	21.80
		1	99	20.83	20.79	20.78	21.80
		50	0	19.88	20.06	19.95	20.80
		50	25	19.86	19.88	19.93	20.80
		50	50	20.01	19.96	19.81	20.80
		100	0	19.93	19.96	20.05	20.80



LTE Band 4 sensor on(state1: 0-3mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	19.95	19.93	20.01	20.80
		1	2	19.84	19.94	19.85	20.80
		1	5	20.00	19.84	19.96	20.80
		3	0	19.90	19.87	19.98	20.80
		3	2	19.92	19.98	19.86	20.80
		3	3	19.93	19.99	19.86	20.80
		6	0	19.84	19.85	20.02	20.80
	16QAM	1	0	19.93	19.90	19.95	20.80
		1	2	19.96	19.91	19.90	20.80
		1	5	19.86	19.86	19.98	20.80
		3	0	20.00	19.88	19.89	20.80
		3	2	19.92	19.87	19.82	20.80
		3	3	19.92	19.98	19.90	20.80
		6	0	19.93	19.97	20.01	20.80
	64QAM	1	0	19.84	19.93	19.90	20.80
		1	2	19.99	19.56	20.01	20.80
		1	5	19.85	20.01	19.93	20.80
		3	0	20.00	19.91	19.87	20.80
		3	2	19.94	19.88	19.98	20.80
		3	3	19.93	19.92	19.88	20.80
		6	0	19.92	19.87	19.84	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	19.89	19.86	20.05	20.80
		1	7	19.98	19.96	19.98	20.80
		1	14	19.97	19.99	19.90	20.80
		8	0	20.00	19.85	19.88	20.80
		8	4	19.85	19.92	19.89	20.80
		8	7	19.99	19.91	19.93	20.80
		15	0	19.99	20.03	19.86	20.80
	16QAM	1	0	19.85	19.95	19.93	20.80
		1	7	19.84	19.86	19.90	20.80
		1	14	19.95	19.85	19.85	20.80
		8	0	19.98	19.85	19.91	20.80
		8	4	19.87	19.98	19.91	20.80
		8	7	19.98	19.98	20.00	20.80
		15	0	19.99	19.84	19.98	20.80
	64QAM	1	0	19.98	19.94	19.84	20.80
		1	7	19.89	19.92	19.93	20.80
		1	14	19.84	19.87	19.96	20.80
		8	0	20.00	19.94	19.92	20.80
		8	4	19.85	19.97	19.98	20.80
		8	7	19.92	20.00	19.96	20.80
		15	0	19.88	20.03	19.94	20.80



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	19.99	20.01	19.94	20.80
		1	13	19.99	20.00	20.04	20.80
		1	24	19.96	19.92	19.89	20.80
		12	0	20.00	19.85	20.02	20.80
		12	6	20.01	19.91	19.92	20.80
		12	13	19.95	19.89	19.97	20.80
		25	0	19.95	19.84	20.00	20.80
	16QAM	1	0	19.86	19.89	19.87	20.80
		1	13	19.94	19.84	19.89	20.80
		1	24	20.02	19.95	20.03	20.80
		12	0	20.00	19.90	20.03	20.80
		12	6	19.95	19.97	19.97	20.80
		12	13	20.00	19.91	19.96	20.80
		25	0	20.00	19.97	19.95	20.80
	64QAM	1	0	19.98	19.87	19.94	20.80
		1	13	19.90	20.03	19.94	20.80
		1	24	19.95	19.92	19.85	20.80
		12	0	19.87	20.00	19.85	20.80
		12	6	19.92	19.94	19.94	20.80
		12	13	19.89	19.95	19.98	20.80
		25	0	19.90	19.99	19.93	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	19.87	19.92	20.02	20.80
		1	25	19.93	19.87	20.03	20.80
		1	49	19.91	19.95	19.89	20.80
		25	0	20.04	19.88	20.00	20.80
		25	13	19.94	19.87	19.93	20.80
		25	25	20.03	19.84	20.00	20.80
		50	0	19.94	19.90	20.03	20.80
	16QAM	1	0	19.89	19.86	20.03	20.80
		1	25	20.01	19.84	19.96	20.80
		1	49	20.00	19.84	19.85	20.80
		25	0	20.04	19.99	19.85	20.80
		25	13	19.88	19.97	19.94	20.80
		25	25	19.99	19.97	19.86	20.80
		50	0	19.85	19.92	19.89	20.80
	64QAM	1	0	19.90	19.84	19.86	20.80
		1	25	19.84	19.97	19.90	20.80
		1	49	19.89	19.99	19.92	20.80
		25	0	20.00	19.84	19.93	20.80
		25	13	19.88	20.00	19.91	20.80
		25	25	19.95	19.98	19.97	20.80
		50	0	20.01	19.87	19.89	20.80



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	19.98	19.95	19.97	20.80
		1	38	19.97	20.00	19.97	20.80
		1	74	19.98	19.85	19.92	20.80
		36	0	19.95	19.96	20.02	20.80
		36	18	19.88	20.00	19.85	20.80
		36	39	20.00	20.02	19.92	20.80
		75	0	19.92	19.89	19.93	20.80
	16QAM	1	0	20.00	19.94	19.89	20.80
		1	38	19.92	20.00	20.02	20.80
		1	74	19.85	19.95	19.86	20.80
		36	0	20.00	19.92	20.03	20.80
		36	18	20.02	19.99	20.00	20.80
		36	39	19.99	19.93	19.85	20.80
		75	0	19.96	19.94	19.92	20.80
	64QAM	1	0	19.94	19.95	19.93	20.80
		1	38	19.84	20.01	19.86	20.80
		1	74	19.86	19.92	19.84	20.80
		36	0	19.92	19.98	20.01	20.80
		36	18	19.89	19.91	20.00	20.80
		36	39	19.86	19.94	19.91	20.80
		75	0	19.84	19.90	20.00	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20.12	19.94	20.15	20.80
		1	50	20.02	19.93	19.85	20.80
		1	99	20.08	19.87	20.01	20.80
		50	0	20.14	20.00	20.06	20.80
		50	25	20.03	20.05	20.01	20.80
		50	50	19.91	20.07	20.09	20.80
		100	0	20.09	19.84	19.93	20.80
	16QAM	1	0	20.10	20.03	19.99	20.80
		1	50	20.04	19.86	20.00	20.80
		1	99	19.92	19.84	19.84	20.80
		50	0	20.09	20.09	20.00	20.80
		50	25	19.92	19.89	19.91	20.80
		50	50	19.90	19.94	20.08	20.80
		100	0	19.92	20.03	20.10	20.80
	64QAM	1	0	19.85	20.05	19.91	20.80
		1	50	20.13	19.87	19.90	20.80
		1	99	19.86	20.11	19.96	20.80
		50	0	19.99	19.89	20.09	20.80
		50	25	20.07	20.00	20.06	20.80
		50	50	19.95	19.87	20.02	20.80
		100	0	19.92	19.90	19.96	20.80



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LTE Band 5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	24.27	24.27	24.16	25.30	
		1	2	24.27	23.98	23.89	25.30	
		1	5	24.02	24.06	24.00	25.30	
		3	0	23.96	24.07	24.02	25.30	
		3	2	24.02	24.34	24.29	25.30	
		3	3	24.13	24.33	24.27	25.30	
	16QAM	6	0	23.23	23.32	23.22	24.30	
		1	0	23.66	23.55	23.49	24.30	
		1	2	23.71	23.64	23.59	24.30	
		1	5	23.84	23.44	23.34	24.30	
		3	0	23.17	23.46	23.37	24.30	
		3	2	23.29	23.30	23.19	24.30	
	64QAM	3	3	23.29	23.56	23.49	24.30	
		6	0	22.31	22.51	22.45	23.30	
		1	0	22.36	22.41	22.43	23.30	
		1	2	22.42	22.36	22.40	23.30	
		1	5	22.39	22.38	22.46	23.30	
		3	0	22.39	22.42	22.41	23.30	
	3MHz	QPSK	3	2	22.44	22.45	22.47	23.30
			3	3	22.39	22.43	22.39	23.30
			6	0	21.54	21.47	21.34	22.30
1			0	24.15	24.01	24.11	25.30	
1			7	23.96	23.86	24.23	25.30	
1			14	24.16	24.02	24.19	25.30	
16QAM		8	0	23.38	23.34	23.42	24.30	
		8	4	23.46	23.29	23.56	24.30	
		8	7	23.43	23.33	23.57	24.30	
	15	0	23.38	23.24	23.50	24.30		
	1	0	23.84	23.72	23.56	24.30		
	1	7	23.66	23.55	23.47	24.30		
64QAM	1	14	23.58	23.28	23.09	24.30		
	8	0	22.36	22.39	22.40	23.30		
	8	4	22.56	22.37	22.49	23.30		
	8	7	22.64	22.35	22.55	23.30		
	15	0	22.49	22.30	22.60	23.30		
	1	0	22.35	22.36	22.42	23.30		
64QAM	1	7	22.48	22.42	22.40	23.30		
	1	14	22.36	22.39	22.41	23.30		
	8	0	21.51	21.53	21.43	22.30		
	8	4	21.41	21.48	21.53	22.30		
	8	7	21.53	21.39	21.43	22.30		
	15	0	21.39	21.49	21.47	22.30		



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20425	20525	20625	
5MHz	QPSK	1	0	24.16	24.15	24.24	25.30
		1	13	24.20	24.22	24.34	25.30
		1	24	24.12	24.19	23.94	25.30
		12	0	23.39	23.35	23.43	24.30
		12	6	23.44	23.26	23.46	24.30
		12	13	23.37	23.39	23.50	24.30
		25	0	23.36	23.27	23.44	24.30
	16QAM	1	0	23.95	23.49	23.56	24.30
		1	13	23.66	23.63	23.69	24.30
		1	24	23.59	23.39	23.31	24.30
		12	0	22.36	22.39	22.56	23.30
		12	6	22.51	22.37	22.59	23.30
		12	13	22.38	22.33	22.52	23.30
		25	0	22.33	22.35	22.54	23.30
	64QAM	1	0	22.40	22.43	22.37	23.30
		1	13	22.48	22.34	22.45	23.30
		1	24	22.34	22.48	22.43	23.30
		12	0	21.34	21.47	21.50	22.30
		12	6	21.45	21.58	21.45	22.30
		12	13	21.47	21.54	21.43	22.30
		25	0	21.47	21.37	21.38	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	24.22	24.17	24.08	25.30
		1	25	24.20	24.04	24.72	25.30
		1	49	24.55	23.97	23.99	25.30
		25	0	23.43	23.25	23.48	24.30
		25	13	23.51	23.31	23.49	24.30
		25	25	23.55	23.41	23.64	24.30
		50	0	23.50	23.27	23.54	24.30
	16QAM	1	0	23.90	23.34	23.53	24.30
		1	25	23.75	23.41	24.12	24.30
		1	49	23.98	23.45	23.79	24.30
		25	0	22.52	22.42	22.64	23.30
		25	13	22.59	22.34	22.51	23.30
		25	25	22.51	22.18	22.71	23.30
		50	0	22.53	22.28	22.52	23.30
	64QAM	1	0	22.36	22.46	22.37	23.30
		1	25	22.36	22.37	22.48	23.30
		1	49	22.44	22.38	22.38	23.30
		25	0	21.56	21.55	21.44	22.30
		25	13	21.52	21.46	21.52	22.30
		25	25	21.44	21.49	21.43	22.30
		50	0	21.49	21.36	21.54	22.30



LTE Band 7 Full power(state3)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	23.45	23.23	23.27	24.30
		1	13	23.41	23.33	23.27	24.30
		1	24	23.32	23.58	23.39	24.30
		12	0	22.33	22.30	22.29	23.30
		12	6	22.34	22.48	22.18	23.30
		12	13	22.59	22.35	22.24	23.30
	16QAM	25	0	22.35	22.27	22.31	23.30
		1	0	22.69	22.48	22.55	23.30
		1	13	22.62	22.66	22.61	23.30
		1	24	22.77	22.69	22.78	23.30
		12	0	21.33	21.30	21.47	23.30
		12	6	21.40	21.57	21.30	23.30
	64QAM	12	13	21.35	21.38	21.38	23.30
		25	0	21.58	21.39	21.48	23.30
		1	0	21.43	21.35	21.35	23.30
		1	13	21.48	21.32	21.32	23.30
		1	24	21.37	21.30	21.42	23.30
		12	0	20.68	20.48	20.31	22.30
10MHz	QPSK	12	6	20.62	20.64	20.39	22.30
		12	13	20.38	20.34	20.41	22.30
		25	0	20.40	20.54	20.47	22.30
		1	0	23.36	23.30	23.37	24.30
		1	25	23.40	23.46	23.29	24.30
		1	49	23.36	23.66	23.47	24.30
	16QAM	25	0	22.39	22.35	22.29	23.30
		25	13	22.40	22.43	22.35	23.30
		25	25	22.64	22.49	22.42	23.30
		50	0	22.38	22.35	22.33	23.30
		1	0	22.60	22.63	22.66	23.30
		1	25	22.74	22.74	22.57	23.30
	64QAM	1	49	22.85	22.74	22.73	23.30
		25	0	21.44	21.46	21.54	23.30
		25	13	21.46	21.44	21.38	23.30
		25	25	21.47	21.44	21.50	23.30
		50	0	21.61	21.46	21.40	23.30
		1	0	21.41	21.46	21.41	23.30
64QAM	1	25	21.57	21.40	21.60	23.30	
	1	49	21.52	21.34	21.50	23.30	
	25	0	21.42	20.54	20.40	22.30	
	25	13	20.77	20.60	20.45	22.30	
	25	25	20.45	20.44	20.49	22.30	
	50	0	20.47	20.60	20.79	22.30	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	23.43	23.38	23.42	24.30
		1	38	23.56	23.52	23.33	24.30
		1	74	23.44	23.65	23.52	24.30
		36	0	22.48	22.42	22.42	23.30
		36	18	22.45	22.54	22.38	23.30
		36	39	22.57	22.48	22.43	23.30
	16QAM	75	0	22.48	22.45	22.39	23.30
		1	0	22.59	22.56	22.63	23.30
		1	38	22.66	22.71	22.57	23.30
		1	74	22.65	22.70	22.69	23.30
		36	0	21.35	21.42	21.33	23.30
		36	18	21.49	21.44	21.34	23.30
	64QAM	36	39	21.46	21.44	21.49	23.30
		75	0	21.40	21.48	21.37	23.30
		1	0	21.43	21.46	21.45	23.30
		1	38	21.64	21.51	21.38	23.30
		1	74	21.58	21.45	21.59	23.30
		36	0	20.35	20.65	20.48	22.30
20MHz	QPSK	36	18	20.63	20.64	20.53	22.30
		36	39	20.54	20.52	20.56	22.30
		75	0	20.51	20.34	20.43	22.30
		1	0	23.51	23.49	23.51	24.30
		1	50	23.70	23.57	23.42	24.30
		1	99	23.54	23.70	23.62	24.30
	16QAM	50	0	22.53	22.53	22.49	23.30
		50	25	22.54	22.60	22.46	23.30
		50	50	22.63	22.59	22.54	23.30
		100	0	22.57	22.56	22.50	23.30
		1	0	22.77	22.74	22.83	23.30
		1	50	22.86	22.88	22.78	23.30
	64QAM	1	99	22.81	22.89	22.90	23.30
		50	0	21.55	21.59	21.52	23.30
		50	25	21.64	21.63	21.55	23.30
		50	50	21.65	21.62	21.64	23.30
		100	0	21.61	21.63	21.57	23.30
		1	0	21.53	21.57	21.55	23.30
64QAM	1	50	21.74	21.60	21.47	23.30	
	1	99	21.65	21.50	21.66	23.30	
	50	0	20.42	20.72	20.57	22.30	
	50	25	20.72	20.74	20.61	22.30	
	50	50	20.60	20.62	20.64	22.30	
	100	0	20.62	20.44	20.48	22.30	



LTE Band 7 sensor on(state2: 3-6mm)				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20775	21100	21425		
5MHz	QPSK	1	0	22.22	22.44	22.69	23.30	
		1	13	22.35	22.47	22.54	23.30	
		1	24	22.37	22.46	22.61	23.30	
		12	0	21.81	21.96	22.04	23.30	
		12	6	21.87	21.87	22.03	23.30	
		12	13	21.82	21.85	22.12	23.30	
	16QAM	25	0	21.61	21.80	21.92	23.30	
		1	0	21.79	21.95	22.04	23.30	
		1	13	21.78	22.02	22.09	23.30	
		1	24	21.81	21.96	22.04	23.30	
		12	0	21.32	21.45	21.52	22.30	
		12	6	21.29	21.37	21.54	22.30	
	64QAM	12	13	21.33	21.35	21.58	22.30	
		25	0	21.40	21.47	21.54	22.30	
		1	0	21.26	21.17	21.30	22.30	
		1	13	21.24	21.26	21.23	22.30	
		1	24	21.31	21.19	21.21	22.30	
		12	0	20.29	20.28	20.27	21.30	
	10MHz	QPSK	12	6	20.30	20.27	20.17	21.30
			12	13	20.19	20.29	20.26	21.30
			25	0	20.15	20.26	20.21	21.30
1			0	22.54	22.55	22.66	23.30	
1			25	22.34	22.45	22.65	23.30	
1			49	22.53	22.61	22.67	23.30	
16QAM		25	0	21.93	21.93	22.03	23.30	
		25	13	21.89	21.96	22.10	23.30	
		25	25	21.93	22.03	22.07	23.30	
		50	0	21.80	21.88	21.99	23.30	
		1	0	21.99	21.91	22.01	23.30	
		1	25	22.00	22.07	22.10	23.30	
64QAM		1	49	21.93	21.93	22.03	23.30	
		25	0	21.46	21.43	21.60	22.30	
		25	13	21.37	21.45	21.49	22.30	
		25	25	21.43	21.47	21.55	22.30	
		50	0	21.40	21.44	21.53	22.30	
		1	0	21.24	21.30	21.27	22.30	
64QAM		1	25	21.25	21.21	21.31	22.30	
		1	49	21.16	21.30	21.15	22.30	
		25	0	20.30	20.21	20.15	21.30	
	25	13	20.27	20.23	20.24	21.30		
	25	25	20.17	20.22	20.23	21.30		
	50	0	20.18	20.15	20.25	21.30		



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	22.37	22.49	22.69	23.30
		1	38	22.45	22.42	22.67	23.30
		1	74	22.63	22.57	22.66	23.30
		36	0	21.98	22.00	22.05	23.30
		36	18	21.98	22.11	22.09	23.30
		36	39	22.01	22.11	21.99	23.30
		75	0	21.78	21.70	21.49	23.30
	16QAM	1	0	21.83	22.03	22.14	23.30
		1	38	22.05	22.15	22.23	23.30
		1	74	21.98	22.00	22.05	23.30
		36	0	21.47	21.51	21.55	22.30
		36	18	21.52	21.58	21.56	22.30
		36	39	21.60	21.56	21.47	22.30
		75	0	21.56	21.58	21.50	22.30
	64QAM	1	0	21.30	21.22	21.18	22.30
		1	38	21.26	21.28	21.18	22.30
		1	74	21.22	21.28	21.26	22.30
		36	0	20.21	20.19	20.20	21.30
		36	18	20.18	20.18	20.22	21.30
		36	39	20.15	20.22	20.31	21.30
		75	0	20.25	20.29	20.20	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	22.37	22.52	22.60	23.30
		1	50	22.45	22.46	22.57	23.30
		1	99	22.62	22.69	22.77	23.30
		50	0	22.20	22.24	22.31	23.30
		50	25	22.29	22.41	22.31	23.30
		50	50	22.45	22.39	22.42	23.30
		100	0	21.81	21.92	22.05	23.30
	16QAM	1	0	22.18	22.14	22.22	23.30
		1	50	22.28	22.35	22.40	23.30
		1	99	22.20	22.24	22.31	23.30
		50	0	21.53	21.47	21.45	22.30
		50	25	21.58	21.58	21.38	22.30
		50	50	21.58	21.55	21.49	22.30
		100	0	21.51	21.50	21.43	22.30
	64QAM	1	0	21.25	21.26	21.23	22.30
		1	50	21.30	21.28	21.22	22.30
		1	99	21.30	21.31	21.28	22.30
		50	0	20.25	20.15	20.16	21.30
		50	25	20.28	20.24	20.18	21.30
		50	50	20.21	20.24	20.17	21.30
		100	0	20.20	20.23	20.20	21.30



LTE Band 7 sensor on(state1: 0-3mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.43	20.48	20.59	21.30
		1	13	20.29	20.35	20.66	21.30
		1	24	20.35	20.16	20.47	21.30
		12	0	19.80	19.90	20.03	21.30
		12	6	19.85	19.91	20.06	21.30
		12	13	19.81	19.91	19.97	21.30
		25	0	19.85	20.01	20.06	21.30
	16QAM	1	0	19.67	19.85	19.91	21.30
		1	13	19.87	19.92	20.01	21.30
		1	24	19.83	19.96	20.01	21.30
		12	0	19.81	19.91	19.99	21.30
		12	6	19.83	19.92	20.01	21.30
		12	13	19.84	19.95	20.04	21.30
		25	0	19.81	19.97	20.05	21.30
	64QAM	1	0	19.96	19.89	19.93	21.30
		1	13	19.90	19.87	19.89	21.30
		1	24	19.95	19.93	20.01	21.30
		12	0	19.91	19.90	19.95	21.30
		12	6	19.85	19.91	19.89	21.30
		12	13	19.87	19.85	19.93	21.30
		25	0	19.93	19.86	19.97	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	20.51	20.58	20.67	21.30
		1	25	20.37	20.38	20.20	21.30
		1	49	20.56	20.55	20.66	21.30
		25	0	19.92	19.97	20.12	21.30
		25	13	19.89	19.98	19.99	21.30
		25	25	19.97	20.07	20.08	21.30
		50	0	19.88	20.05	20.07	21.30
	16QAM	1	0	19.93	19.97	20.04	21.30
		1	25	19.83	20.01	19.98	21.30
		1	49	20.02	20.18	20.22	21.30
		25	0	19.81	19.94	20.05	21.30
		25	13	19.80	19.94	20.03	21.30
		25	25	19.86	19.98	20.08	21.30
		50	0	19.87	19.95	20.07	21.30
	64QAM	1	0	20.00	19.90	19.98	21.30
		1	25	20.01	19.91	19.98	21.30
		1	49	19.86	19.92	19.85	21.30
		25	0	19.97	19.89	19.88	21.30
		25	13	19.93	19.95	19.85	21.30
		25	25	19.97	20.01	19.99	21.30
		50	0	19.86	19.93	19.89	21.30



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.40	20.19	20.14	21.30
		1	38	20.49	20.54	20.43	21.30
		1	74	20.55	20.68	20.66	21.30
		36	0	19.94	19.99	19.98	21.30
		36	18	20.05	20.09	20.03	21.30
		36	39	20.02	20.09	19.95	21.30
		75	0	20.02	20.07	20.04	21.30
	16QAM	1	0	19.53	19.67	19.68	21.30
		1	38	19.88	19.97	19.98	21.30
		1	74	19.88	20.16	20.14	21.30
		36	0	19.84	20.03	19.97	21.30
		36	18	19.94	20.11	20.04	21.30
		36	39	20.00	20.08	20.04	21.30
		75	0	19.84	20.00	19.97	21.30
	64QAM	1	0	19.87	19.87	19.96	21.30
		1	38	19.90	19.85	19.91	21.30
		1	74	19.87	19.96	19.91	21.30
		36	0	20.01	19.92	19.88	21.30
		36	18	20.01	19.94	19.99	21.30
		36	39	19.98	19.91	19.98	21.30
		75	0	19.99	19.91	19.89	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	20.45	20.45	20.44	21.30
		1	50	20.36	20.19	20.57	21.30
		1	99	20.46	20.38	20.69	21.30
		50	0	19.98	20.01	19.94	21.30
		50	25	20.09	20.09	19.97	21.30
		50	50	20.17	20.09	20.06	21.30
		100	0	19.99	20.08	20.00	21.30
	16QAM	1	0	19.58	19.56	19.81	21.30
		1	50	19.97	19.99	19.85	21.30
		1	99	19.96	20.09	20.06	21.30
		50	0	20.01	19.99	19.96	21.30
		50	25	20.03	20.03	20.00	21.30
		50	50	20.12	20.09	20.06	21.30
		100	0	20.08	20.14	20.02	21.30
	64QAM	1	0	19.95	19.94	19.88	21.30
		1	50	19.92	19.95	20.00	21.30
		1	99	20.00	19.94	19.95	21.30
		50	0	19.96	19.88	19.88	21.30
		50	25	19.96	19.92	19.86	21.30
		50	50	19.85	19.88	19.88	21.30
		100	0	19.99	20.00	19.99	21.30



LTE Band 12				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23017	23095	23173		
1.4MHz	QPSK	1	0	24.24	23.85	23.81	25.30	
		1	2	24.07	23.80	23.68	25.30	
		1	5	24.10	23.70	23.86	25.30	
		3	0	24.15	23.87	23.96	25.30	
		3	2	24.12	23.79	24.01	25.30	
		3	3	24.07	23.78	23.87	25.30	
		6	0	23.39	22.89	22.70	24.30	
	16QAM	1	0	23.24	23.29	22.90	24.30	
		1	2	23.67	23.43	23.31	24.30	
		1	5	23.31	23.35	22.83	24.30	
		3	0	23.22	22.93	22.69	24.30	
		3	2	23.21	23.05	22.76	24.30	
		3	3	23.20	22.84	22.88	24.30	
		6	0	22.26	21.94	21.86	23.30	
	64QAM	1	0	21.95	21.90	21.85	23.30	
		1	2	21.84	21.93	21.91	23.30	
		1	5	21.84	21.91	21.93	23.30	
		3	0	21.97	21.88	21.90	23.30	
		3	2	21.88	21.95	21.97	23.30	
		3	3	21.97	21.96	21.94	23.30	
		6	0	21.00	20.97	20.95	22.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	3MHz	QPSK	1	0	24.46	23.78	23.80	25.30
			1	7	24.06	23.74	23.69	25.30
1			14	24.09	23.97	23.86	25.30	
8			0	23.07	22.86	22.88	24.30	
8			4	23.09	22.76	22.93	24.30	
8			7	23.26	22.78	22.85	24.30	
15			0	23.23	22.84	22.79	24.30	
16QAM		1	0	23.04	22.79	22.91	24.30	
		1	7	23.16	23.36	22.70	24.30	
		1	14	22.84	23.49	22.92	24.30	
		8	0	22.06	22.03	21.78	23.30	
		8	4	22.14	22.16	21.92	23.30	
		8	7	22.07	22.08	21.75	23.30	
		15	0	22.12	22.01	21.90	23.30	
64QAM		1	0	21.90	21.89	21.96	23.30	
		1	7	21.84	21.96	21.97	23.30	
		1	14	21.93	21.97	21.96	23.30	
		8	0	21.08	21.04	20.95	22.30	
		8	4	21.00	20.99	20.89	22.30	
		8	7	20.99	21.07	20.85	22.30	
		15	0	21.06	20.86	20.94	22.30	
					23025	23095	23165	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23035	23095	23155	
5MHz	QPSK	1	0	24.08	23.82	23.96	25.30
		1	13	24.28	24.58	23.65	25.30
		1	24	23.93	24.20	23.78	25.30
		12	0	23.18	22.96	22.83	24.30
		12	6	23.15	22.85	22.77	24.30
		12	13	23.20	23.02	22.91	24.30
		25	0	23.21	23.11	22.93	24.30
	16QAM	1	0	23.56	23.18	22.86	24.30
		1	13	23.38	23.73	22.84	24.30
		1	24	23.66	23.63	23.22	24.30
		12	0	22.31	22.16	21.93	23.30
		12	6	22.16	21.96	21.85	23.30
		12	13	22.28	21.95	22.02	23.30
		25	0	22.25	22.01	21.99	23.30
	64QAM	1	0	21.88	21.92	21.86	23.30
		1	13	21.84	21.96	21.90	23.30
		1	24	21.94	21.91	21.96	23.30
		12	0	21.04	21.00	20.87	22.30
		12	6	20.89	20.85	20.99	22.30
		12	13	21.05	20.93	20.85	22.30
		25	0	20.93	20.99	21.00	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	24.36	24.36	23.62	25.30
		1	25	24.05	24.49	24.38	25.30
		1	49	24.61	24.20	24.18	25.30
		25	0	23.21	23.38	23.06	24.30
		25	13	23.17	23.11	23.06	24.30
		25	25	23.01	23.02	23.03	24.30
		50	0	23.11	23.18	22.90	24.30
	16QAM	1	0	23.71	23.45	23.69	24.30
		1	25	23.59	24.03	23.61	24.30
		1	49	24.22	23.65	22.85	24.30
		25	0	22.37	22.44	22.20	23.30
		25	13	22.33	22.12	22.03	23.30
		25	25	22.27	22.05	21.98	23.30
		50	0	22.21	21.97	21.94	23.30
	64QAM	1	0	21.91	21.92	21.95	23.30
		1	25	21.92	21.85	21.89	23.30
		1	49	21.93	21.86	21.90	23.30
		25	0	21.04	21.01	20.93	22.30
		25	13	20.99	21.08	20.97	22.30
		25	25	21.04	20.98	21.05	22.30
		50	0	21.05	20.96	21.06	22.30



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LTE Band 13				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				23205	23230	23255		
5MHz	QPSK	1	0	23.55	23.60	23.59	24.80	
		1	13	23.58	23.58	23.30	24.80	
		1	24	23.63	23.30	23.48	24.80	
		12	0	22.67	22.68	22.66	23.80	
		12	6	22.67	22.61	22.49	23.80	
		12	13	22.69	22.59	22.50	23.80	
	16QAM	25	0	22.74	22.70	22.53	23.80	
		1	0	22.63	23.24	23.10	23.80	
		1	13	23.02	22.92	22.89	23.80	
		1	24	22.73	22.95	22.54	23.80	
		12	0	21.69	21.68	21.70	22.80	
		12	6	21.64	21.69	21.45	22.80	
	64QAM	12	13	21.75	21.60	21.51	22.80	
		25	0	21.72	21.69	21.66	22.80	
		1	0	21.62	21.63	21.55	22.80	
		1	13	21.61	21.59	21.55	22.80	
		1	24	21.58	21.50	21.50	22.80	
		12	0	20.62	20.53	20.66	21.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	23230	/	
	10MHz	QPSK	1	0	/	23.61	/	24.80
1			25	/	23.64	/	24.80	
1			49	/	23.45	/	24.80	
25			0	/	22.99	/	23.80	
25			13	/	22.78	/	23.80	
25			25	/	22.49	/	23.80	
16QAM		50	0	/	22.79	/	23.80	
		1	0	/	23.44	/	23.80	
		1	25	/	23.02	/	23.80	
		1	49	/	22.31	/	23.80	
		25	0	/	21.56	/	22.80	
		25	13	/	21.78	/	22.80	
64QAM		25	25	/	21.65	/	22.80	
		50	0	/	21.75	/	22.80	
		1	0	/	21.61	/	22.80	
		1	25	/	21.55	/	22.80	
		1	49	/	21.55	/	22.80	
		25	0	/	20.68	/	21.80	
Bandwidth		Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	20.61	/	
10MHz		64QAM	25	13	/	20.72	/	21.80
	25		25	/	20.72	/	21.80	
	50		0	/	20.65	/	21.80	



LTE Band 17				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				23205	23230	23255	
5MHz	QPSK	1	0	24.31	24.11	24.26	25.30
		1	13	24.45	24.28	24.44	25.30
		1	24	24.20	23.97	24.26	25.30
		12	0	23.17	23.01	23.27	24.30
		12	6	23.42	23.07	23.18	24.30
		12	13	23.54	23.12	23.10	24.30
	16QAM	25	0	23.35	23.16	23.09	24.30
		1	0	23.78	23.29	22.85	24.30
		1	13	23.95	23.59	23.55	24.30
		1	24	23.62	23.35	23.76	24.30
		12	0	22.40	22.15	22.21	23.30
		12	6	22.37	22.15	22.19	23.30
	64QAM	12	13	22.58	22.19	22.21	23.30
		25	0	22.38	22.23	22.18	23.30
		1	0	22.35	22.24	22.38	23.30
		1	13	22.24	22.37	22.30	23.30
		1	24	22.37	22.26	22.31	23.30
		12	0	21.28	21.32	21.30	22.30
10MHz	QPSK	12	6	21.46	21.35	21.33	22.30
		12	13	21.39	21.48	21.43	22.30
		25	0	21.29	21.42	21.27	22.30
		1	0	24.71	24.51	24.30	25.30
		1	25	24.05	24.29	24.31	25.30
		1	49	24.38	24.37	24.33	25.30
	16QAM	25	0	23.37	23.35	23.25	24.30
		25	13	23.20	23.24	23.16	24.30
		25	25	23.11	23.16	23.15	24.30
		50	0	23.27	23.23	23.09	24.30
		1	0	23.54	23.64	24.16	24.30
		1	25	23.48	23.53	23.05	24.30
	64QAM	1	49	23.29	23.62	23.61	24.30
		25	0	22.23	22.34	22.52	23.30
		25	13	22.12	22.17	22.15	23.30
		25	25	22.14	21.92	22.03	23.30
		50	0	22.27	22.39	22.24	23.30
		1	0	22.25	22.31	22.26	23.30
10MHz	64QAM	1	25	22.33	22.35	22.27	23.30
		1	49	22.32	22.27	22.34	23.30
		25	0	21.32	21.39	21.35	22.30
		25	13	21.42	21.39	21.35	22.30
		25	25	21.34	21.24	21.33	22.30
		50	0	21.37	21.30	21.33	22.30



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LTE Band 25 Full power(state3)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	23.20	23.29	23.19	24.80
		1	2	23.31	23.05	23.06	24.80
		1	5	23.15	23.03	23.32	24.80
		3	0	23.17	23.01	23.04	24.80
		3	2	23.18	23.06	23.10	24.80
		3	3	23.15	23.02	23.08	24.80
	16QAM	6	0	22.24	22.06	22.35	23.80
		1	0	22.52	22.69	22.02	23.80
		1	2	22.64	22.28	22.42	23.80
		1	5	22.57	22.22	22.59	23.80
		3	0	22.21	22.12	22.13	23.80
		3	2	22.41	22.30	22.02	23.80
	64QAM	3	3	22.16	22.22	22.09	23.80
		6	0	21.28	21.23	21.24	22.80
		1	0	21.19	21.27	21.20	22.80
		1	2	21.22	21.31	21.31	22.80
		1	5	21.33	21.33	21.33	22.80
		3	0	21.31	21.24	21.20	22.80
3MHz	QPSK	3	2	21.24	21.22	21.26	22.80
		3	3	21.29	21.30	21.31	22.80
		6	0	20.29	20.40	20.19	21.80
		1	0	23.06	23.11	23.18	24.80
		1	7	23.11	23.03	23.08	24.80
		1	14	23.24	23.22	23.02	24.80
	16QAM	8	0	22.20	22.16	22.06	23.80
		8	4	22.17	22.18	22.04	23.80
		8	7	22.22	22.16	22.04	23.80
		15	0	23.14	23.16	23.04	23.80
		1	0	22.56	22.71	22.24	23.80
		1	7	22.97	22.29	22.14	23.80
64QAM	1	14	23.08	22.47	22.50	23.80	
	8	0	21.19	21.15	21.20	22.80	
	8	4	21.29	21.19	21.02	22.80	
	8	7	21.19	21.20	21.03	22.80	
	15	0	22.35	22.35	22.20	22.80	
	1	0	21.27	21.30	21.30	22.80	
64QAM	1	7	21.26	21.22	21.23	22.80	
	1	14	21.31	21.30	21.23	22.80	
	8	0	20.41	20.24	20.24	21.80	
	8	4	20.40	20.27	20.33	21.80	
	8	7	20.26	20.40	20.41	21.80	
	15	0	20.38	20.40	20.20	21.80	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	23.21	23.26	23.17	24.80
		1	13	23.20	23.05	23.01	24.80
		1	24	23.16	23.09	23.08	24.80
		12	0	22.31	22.21	22.11	23.80
		12	6	22.26	22.15	22.05	23.80
		12	13	22.17	22.10	22.08	23.80
		25	0	22.25	22.10	22.13	23.80
	16QAM	1	0	22.61	22.83	22.05	23.80
		1	13	22.33	22.22	22.52	23.80
		1	24	22.71	22.80	22.22	23.80
		12	0	21.29	21.17	21.10	22.80
		12	6	21.30	21.17	21.03	22.80
		12	13	21.19	21.11	21.11	22.80
		25	0	21.20	21.15	21.10	22.80
	64QAM	1	0	21.25	21.28	21.21	22.80
		1	13	21.20	21.28	21.29	22.80
		1	24	21.25	21.28	21.30	22.80
		12	0	20.31	20.28	20.23	21.80
		12	6	20.28	20.40	20.41	21.80
		12	13	20.25	20.27	20.23	21.80
		25	0	20.41	20.42	20.23	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	23.63	23.27	23.26	24.80
		1	25	23.57	23.18	23.05	24.80
		1	49	23.68	23.32	23.33	24.80
		25	0	22.64	22.30	22.10	23.80
		25	13	22.68	22.25	22.08	23.80
		25	25	22.74	22.28	22.21	23.80
		50	0	22.65	22.28	22.12	23.80
	16QAM	1	0	22.65	22.88	22.36	23.80
		1	25	22.53	22.28	22.58	23.80
		1	49	22.86	22.33	22.43	23.80
		25	0	21.61	21.25	21.06	22.80
		25	13	21.66	21.15	21.20	22.80
		25	25	21.67	21.19	21.31	22.80
		50	0	21.75	21.16	21.19	22.80
	64QAM	1	0	21.21	21.24	21.32	22.80
		1	25	21.29	21.19	21.29	22.80
		1	49	21.33	21.26	21.33	22.80
		25	0	20.28	20.26	20.24	21.80
		25	13	20.20	20.43	20.28	21.80
		25	25	20.43	20.36	20.42	21.80
		50	0	20.39	20.26	20.28	21.80



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	23.56	23.31	23.37	24.80
		1	38	23.42	23.06	23.00	24.80
		1	74	23.38	23.08	23.09	24.80
		36	0	22.66	22.22	22.05	23.80
		36	18	22.54	22.23	22.07	23.80
		36	39	22.53	22.23	22.10	23.80
		75	0	22.64	22.21	22.08	23.80
	16QAM	1	0	23.08	22.52	22.39	23.80
		1	38	22.68	22.74	22.74	23.80
		1	74	22.34	22.80	22.68	23.80
		36	0	21.54	21.23	21.05	22.80
		36	18	21.67	21.25	21.10	22.80
		36	39	21.54	21.28	21.21	22.80
		75	0	21.54	21.23	21.09	22.80
	64QAM	1	0	21.28	21.32	21.27	22.80
		1	38	21.28	21.19	21.33	22.80
		1	74	21.25	21.31	21.23	22.80
		36	0	20.41	20.37	20.41	21.80
		36	18	20.33	20.37	20.33	21.80
		36	39	20.35	20.28	20.22	21.80
		75	0	20.22	20.29	20.33	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	23.78	23.62	23.38	24.80
		1	50	23.73	23.41	23.37	24.80
		1	99	23.68	23.28	23.16	24.80
		50	0	22.90	22.60	22.34	23.80
		50	25	22.77	22.43	22.27	23.80
		50	50	22.83	22.43	22.33	23.80
		100	0	22.89	22.50	22.33	23.80
	16QAM	1	0	23.37	22.57	22.85	23.80
		1	50	23.21	22.83	22.72	23.80
		1	99	23.15	22.81	22.54	23.80
		50	0	21.85	21.57	21.31	22.80
		50	25	21.86	21.52	21.39	22.80
		50	50	21.80	21.49	21.45	22.80
		100	0	21.88	21.50	21.34	22.80
	64QAM	1	0	21.27	21.33	21.27	22.80
		1	50	21.23	21.32	21.33	22.80
		1	99	21.22	21.27	21.33	22.80
		50	0	20.42	20.26	20.21	21.80
		50	25	20.20	20.28	20.24	21.80
		50	50	20.31	20.38	20.35	21.80
		100	0	20.29	20.23	20.19	21.80



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LTE Band 25 sensor on(state2: 3-6mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	21.75	21.61	21.60	22.80
		1	2	21.74	21.86	21.93	22.80
		1	5	21.81	21.50	21.76	22.80
		3	0	21.83	21.44	21.50	22.80
		3	2	21.47	21.76	21.64	22.80
		3	3	21.50	21.82	21.73	22.80
		6	0	21.59	21.51	21.52	22.80
	16QAM	1	0	21.76	21.85	21.63	22.80
		1	2	21.58	21.46	21.71	22.80
		1	5	21.68	21.52	21.52	22.80
		3	0	21.64	21.90	21.58	22.80
		3	2	21.69	21.48	21.61	22.80
		3	3	21.45	21.66	21.51	22.80
		6	0	20.57	20.61	20.57	21.80
	64QAM	1	0	20.69	20.58	20.48	21.80
		1	2	20.69	20.71	20.81	21.80
		1	5	20.54	20.67	20.77	21.80
		3	0	20.68	20.66	20.70	21.80
		3	2	20.49	20.76	20.49	21.80
		3	3	20.83	20.63	20.64	21.80
		6	0	19.78	19.57	19.64	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	21.62	21.53	21.59	22.80
		1	7	21.90	21.64	21.62	22.80
		1	14	21.74	21.60	21.61	22.80
		8	0	21.52	21.54	21.78	22.80
		8	4	21.86	21.73	21.74	22.80
		8	7	21.68	21.78	21.80	22.80
		15	0	21.60	21.79	21.46	22.80
	16QAM	1	0	21.81	21.45	21.92	22.80
		1	7	21.67	21.87	21.48	22.80
		1	14	21.90	21.60	21.85	22.80
		8	0	20.53	20.75	20.67	21.80
		8	4	20.59	20.53	20.69	21.80
		8	7	20.73	20.71	20.57	21.80
		15	0	20.51	20.60	20.51	21.80
	64QAM	1	0	20.83	20.83	20.76	21.80
		1	7	20.69	20.64	20.45	21.80
		1	14	20.61	20.45	20.52	21.80
		8	0	19.69	19.82	19.52	20.80
		8	4	19.77	19.52	19.59	20.80
		8	7	19.85	19.72	19.56	20.80
		15	0	19.90	19.66	19.66	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26365	26675	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	21.81	21.78	21.73	22.80
		1	13	21.49	21.87	21.50	22.80
		1	24	21.80	21.52	21.62	22.80
		12	0	21.62	21.81	21.67	22.80
		12	6	21.52	21.49	21.81	22.80
		12	13	21.62	21.70	21.80	22.80
		25	0	21.64	21.80	21.85	22.80
	16QAM	1	0	21.84	21.68	21.70	22.80
		1	13	21.49	21.44	21.57	22.80
		1	24	21.69	21.74	21.61	22.80
		12	0	20.68	20.71	20.51	21.80
		12	6	20.72	20.61	20.50	21.80
		12	13	20.76	20.57	20.57	21.80
		25	0	20.81	20.72	20.78	21.80
	64QAM	1	0	20.55	20.57	20.82	21.80
		1	13	20.46	20.72	20.81	21.80
		1	24	20.44	20.82	20.81	21.80
		12	0	19.70	19.68	19.57	20.80
		12	6	19.44	19.57	19.81	20.80
		12	13	19.69	19.65	19.44	20.80
		25	0	19.55	19.50	19.51	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	21.90	21.70	21.82	22.80
		1	25	21.54	21.92	21.93	22.80
		1	49	21.82	21.60	21.85	22.80
		25	0	21.69	21.59	21.55	22.80
		25	13	21.86	21.81	21.71	22.80
		25	25	21.90	21.65	21.66	22.80
		50	0	21.55	21.55	21.58	22.80
	16QAM	1	0	21.50	21.77	21.67	22.80
		1	25	21.92	21.78	21.89	22.80
		1	49	21.48	21.55	21.84	22.80
		25	0	20.44	20.66	20.48	21.80
		25	13	20.81	20.79	20.74	21.80
		25	25	20.52	20.54	20.59	21.80
		50	0	20.72	20.45	20.60	21.80
	64QAM	1	0	20.64	20.83	20.53	21.80
		1	25	20.45	20.47	20.44	21.80
		1	49	20.62	20.59	20.49	21.80
		25	0	19.51	19.63	19.83	20.80
		25	13	19.67	19.79	19.67	20.80
		25	25	19.61	19.52	19.55	20.80
		50	0	19.80	19.70	19.92	20.80



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	21.74	21.78	21.78	22.80
		1	38	21.94	21.48	21.71	22.80
		1	74	21.93	21.65	21.48	22.80
		36	0	21.61	21.73	21.53	22.80
		36	18	21.46	21.70	21.89	22.80
		36	39	21.87	21.89	21.73	22.80
		75	0	21.93	21.91	21.73	22.80
	16QAM	1	0	21.93	21.44	21.45	22.80
		1	38	21.72	21.49	21.77	22.80
		1	74	21.72	21.64	21.90	22.80
		36	0	20.65	20.48	20.81	21.80
		36	18	20.50	20.56	20.56	21.80
		36	39	20.69	20.47	20.72	21.80
		75	0	20.55	20.56	20.55	21.80
	64QAM	1	0	20.80	20.67	20.78	21.80
		1	38	20.59	20.65	20.44	21.80
		1	74	20.49	20.48	20.70	21.80
		36	0	19.72	19.45	19.53	20.80
		36	18	19.94	19.87	19.80	20.80
		36	39	19.84	19.79	19.92	20.80
		75	0	19.89	19.88	19.62	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	21.95	21.69	21.78	22.80
		1	50	21.76	21.66	21.76	22.80
		1	99	21.69	21.59	21.90	22.80
		50	0	21.54	21.92	21.79	22.80
		50	25	21.75	21.94	21.57	22.80
		50	50	21.72	21.62	21.89	22.80
		100	0	21.56	21.61	21.72	22.80
	16QAM	1	0	21.55	21.81	21.59	22.80
		1	50	21.89	21.60	21.67	22.80
		1	99	21.84	21.90	21.59	22.80
		50	0	20.60	20.81	20.60	21.80
		50	25	20.70	20.80	20.75	21.80
		50	50	20.86	20.86	20.93	21.80
		100	0	20.88	20.82	20.55	21.80
	64QAM	1	0	20.63	20.58	20.91	21.80
		1	50	20.80	20.50	20.72	21.80
		1	99	20.89	20.85	20.60	21.80
		50	0	19.82	19.93	19.93	20.80
		50	25	19.93	19.64	19.84	20.80
		50	50	19.97	19.72	19.87	20.80
		100	0	19.55	19.91	19.65	20.80



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LTE Band 25 sensor on(state1: 0-3mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	19.44	19.33	19.59	20.80
		1	2	19.68	19.28	19.68	20.80
		1	5	19.18	19.23	19.51	20.80
		3	0	19.71	19.19	19.36	20.80
		3	2	19.68	19.31	19.48	20.80
		3	3	19.63	19.20	19.23	20.80
	16QAM	6	0	19.61	19.44	19.69	20.80
		1	0	19.35	19.60	19.72	20.80
		1	2	19.59	19.54	19.34	20.80
		1	5	19.26	19.53	19.24	20.80
		3	0	19.46	19.37	19.69	20.80
		3	2	19.26	19.34	19.63	20.80
	64QAM	3	3	19.19	19.44	19.24	20.80
		6	0	19.44	19.24	19.25	20.80
		1	0	19.33	19.54	19.50	20.80
		1	2	19.71	19.24	19.31	20.80
		1	5	19.19	19.60	19.46	20.80
		3	0	19.32	19.65	19.37	20.80
3MHz	QPSK	3	2	19.59	19.62	19.73	20.80
		3	3	19.22	19.61	19.39	20.80
		6	0	19.19	19.32	19.69	20.80
		1	0	19.20	19.70	19.30	20.80
		1	7	19.42	19.67	19.64	20.80
		1	14	19.69	19.71	19.55	20.80
	16QAM	8	0	19.69	19.46	19.17	20.80
		8	4	19.29	19.65	19.23	20.80
		8	7	19.26	19.20	19.41	20.80
		15	0	19.59	19.17	19.58	20.80
		1	0	19.36	19.45	19.70	20.80
		1	7	19.65	19.44	19.52	20.80
	64QAM	1	14	19.57	19.47	19.30	20.80
		8	0	19.64	19.59	19.15	20.80
		8	4	19.45	19.67	19.36	20.80
		8	7	19.30	19.58	19.29	20.80
		15	0	19.21	19.66	19.63	20.80
		1	0	19.39	19.23	19.29	20.80
64QAM	1	7	19.56	19.61	19.56	20.80	
	1	14	19.26	19.70	19.37	20.80	
	8	0	19.49	19.15	19.26	20.80	
	8	4	19.51	19.59	19.40	20.80	
	8	7	19.14	19.38	19.48	20.80	
	15	0	19.67	19.52	19.43	20.80	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	19.16	19.10	19.25	20.80
		1	13	19.15	19.10	19.43	20.80
		1	24	19.36	19.53	19.56	20.80
		12	0	19.29	19.64	19.21	20.80
		12	6	19.25	19.44	19.48	20.80
		12	13	19.10	19.35	19.47	20.80
	16QAM	25	0	19.25	19.22	19.08	20.80
		1	0	19.58	19.62	19.05	20.80
		1	13	19.07	19.51	19.50	20.80
		1	24	19.39	19.51	19.59	20.80
		12	0	19.63	19.58	19.58	20.80
		12	6	19.16	19.60	19.33	20.80
	64QAM	12	13	19.24	19.50	19.17	20.80
		25	0	19.14	19.57	19.27	20.80
		1	0	19.46	19.29	19.47	20.80
		1	13	19.32	19.40	19.44	20.80
		1	24	19.21	19.40	19.57	20.80
		12	0	19.18	19.36	19.60	20.80
10MHz	QPSK	12	6	19.21	19.63	19.25	20.80
		12	13	19.10	19.31	19.30	20.80
		25	0	19.33	19.49	19.58	20.80
		1	0	19.04	19.19	19.30	20.80
		1	25	19.29	19.34	19.50	20.80
		1	49	19.31	19.58	19.57	20.80
	16QAM	25	0	19.63	19.29	19.32	20.80
		25	13	19.11	19.63	19.45	20.80
		25	25	19.19	19.25	19.54	20.80
		50	0	19.40	19.40	19.31	20.80
		1	0	19.19	19.18	19.30	20.80
		1	25	19.28	19.10	19.12	20.80
	64QAM	1	49	19.10	19.09	19.34	20.80
		25	0	19.61	19.23	19.47	20.80
		25	13	19.48	19.41	19.49	20.80
		25	25	19.33	19.08	19.32	20.80
		50	0	19.56	19.56	19.33	20.80
		1	0	19.44	19.20	19.12	20.80
10MHz	64QAM	1	25	19.64	19.13	19.21	20.80
		1	49	19.35	19.59	19.62	20.80
		25	0	19.56	19.39	19.48	20.80
		25	13	19.28	19.12	19.59	20.80
		25	25	19.60	19.24	19.08	20.80
		50	0	19.34	19.16	19.30	20.80



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	19.43	19.65	19.49	20.80
		1	38	19.47	19.69	19.43	20.80
		1	74	19.32	19.06	19.73	20.80
		36	0	19.52	19.56	19.54	20.80
		36	18	19.37	19.49	19.12	20.80
		36	39	19.34	19.09	19.16	20.80
		75	0	19.26	19.56	19.32	20.80
	16QAM	1	0	19.06	19.68	19.65	20.80
		1	38	19.12	19.18	19.29	20.80
		1	74	19.29	19.14	19.31	20.80
		36	0	19.41	19.31	19.36	20.80
		36	18	19.19	19.29	19.34	20.80
		36	39	19.11	19.31	19.35	20.80
		75	0	19.70	19.63	19.51	20.80
	64QAM	1	0	19.62	19.30	19.55	20.80
		1	38	19.29	19.38	19.10	20.80
		1	74	19.32	19.05	19.58	20.80
		36	0	19.45	19.12	19.06	20.80
		36	18	19.63	19.23	19.31	20.80
		36	39	19.48	19.04	19.71	20.80
		75	0	19.53	19.22	19.35	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	19.80	19.07	19.44	20.80
		1	50	19.29	19.42	19.19	20.80
		1	99	19.29	19.77	19.79	20.80
		50	0	19.25	19.46	19.40	20.80
		50	25	19.69	19.68	19.45	20.80
		50	50	19.43	19.41	19.60	20.80
		100	0	19.13	19.69	19.53	20.80
	16QAM	1	0	19.56	19.20	19.20	20.80
		1	50	19.16	19.39	19.50	20.80
		1	99	19.46	19.26	19.46	20.80
		50	0	19.35	19.29	19.75	20.80
		50	25	19.41	19.07	19.09	20.80
		50	50	19.36	19.47	19.05	20.80
		100	0	19.52	19.18	19.71	20.80
	64QAM	1	0	19.67	19.67	19.12	20.80
		1	50	19.52	19.66	19.39	20.80
		1	99	19.22	19.73	19.71	20.80
		50	0	19.73	19.55	19.69	20.80
		50	25	19.65	19.14	19.61	20.80
		50	50	19.39	19.38	19.06	20.80
		100	0	19.52	19.30	19.25	20.80



LTE Band 26				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				26697	26865	27033		
1.4MHz	QPSK	1	0	24.02	23.61	23.64	25.30	
		1	2	24.08	23.66	23.52	25.30	
		1	5	23.96	23.67	23.32	25.30	
		3	0	24.02	23.65	23.78	25.30	
		3	2	24.04	23.77	23.37	25.30	
		3	3	23.98	23.74	23.84	25.30	
	16QAM	6	0	23.00	22.73	22.79	24.30	
		1	0	23.25	23.16	22.78	24.30	
		1	2	23.01	23.24	22.96	24.30	
		1	5	23.14	23.07	22.79	24.30	
		3	0	23.15	22.84	22.55	24.30	
		3	2	23.17	22.85	22.44	24.30	
	64QAM	3	3	23.07	22.81	22.69	24.30	
		6	0	22.13	21.68	22.07	23.30	
		1	0	22.06	21.97	21.97	23.30	
		1	2	22.08	22.02	21.95	23.30	
		1	5	22.03	21.99	22.00	23.30	
		3	0	22.08	22.06	22.01	23.30	
	3MHz	QPSK	3	2	21.98	22.03	22.07	23.30
			3	3	22.00	21.99	21.99	23.30
			6	0	21.17	20.95	20.94	22.30
			1	0	24.12	23.57	23.72	25.30
			1	7	24.10	23.56	23.69	25.30
			1	14	23.97	23.67	23.86	25.30
16QAM		8	0	23.21	22.80	22.91	24.30	
		8	4	23.17	22.79	22.92	24.30	
		8	7	23.03	22.80	22.88	24.30	
		15	0	23.17	22.72	22.93	24.30	
		1	0	23.28	23.11	23.55	24.30	
		1	7	23.15	23.03	22.83	24.30	
64QAM	1	14	23.11	22.65	22.69	24.30		
	8	0	22.16	21.81	22.03	23.30		
	8	4	22.26	21.86	21.98	23.30		
	8	7	22.17	21.88	21.91	23.30		
	15	0	22.17	21.89	22.04	23.30		
	1	0	22.02	21.94	21.96	23.30		
64QAM	1	7	22.03	22.07	21.95	23.30		
	1	14	21.96	22.02	22.01	23.30		
	8	0	20.97	21.07	20.98	22.30		
	8	4	21.04	21.18	21.17	22.30		
	8	7	21.07	21.09	20.98	22.30		
	15	0	21.08	21.07	21.08	22.30		



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26715	26865	27015	
5MHz	QPSK	1	0	24.04	23.51	23.61	25.30
		1	13	24.03	23.45	23.61	25.30
		1	24	23.87	23.61	23.82	25.30
		12	0	23.14	22.72	22.85	24.30
		12	6	23.10	22.70	22.86	24.30
		12	13	22.98	22.69	22.83	24.30
		25	0	23.06	22.67	22.85	24.30
	16QAM	1	0	23.22	23.04	23.47	24.30
		1	13	23.04	22.96	22.74	24.30
		1	24	23.06	22.55	22.64	24.30
		12	0	22.10	21.75	21.92	23.30
		12	6	22.16	21.78	21.91	23.30
		12	13	22.07	21.79	21.82	23.30
		25	0	22.08	21.81	21.96	23.30
	64QAM	1	0	22.08	21.97	21.98	23.30
		1	13	22.06	21.96	22.06	23.30
		1	24	21.97	22.05	22.06	23.30
		12	0	21.18	21.07	21.14	22.30
		12	6	21.04	21.10	21.16	22.30
		12	13	21.01	21.14	20.98	22.30
		25	0	21.02	21.14	21.18	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	24.11	23.83	23.60	25.30
		1	25	23.98	23.84	24.20	25.30
		1	49	24.18	23.82	23.98	25.30
		25	0	23.14	22.89	22.85	24.30
		25	13	23.13	22.83	22.98	24.30
		25	25	23.10	22.82	23.06	24.30
		50	0	23.00	22.83	23.00	24.30
	16QAM	1	0	23.14	23.57	23.38	24.30
		1	25	23.21	22.85	23.98	24.30
		1	49	22.87	22.86	22.65	24.30
		25	0	22.40	21.87	21.82	23.30
		25	13	22.05	21.88	21.95	23.30
		25	25	21.99	21.88	22.10	23.30
		50	0	22.02	21.80	22.17	23.30
	64QAM	1	0	22.04	22.03	22.07	23.30
		1	25	22.05	21.98	22.06	23.30
		1	49	22.06	22.07	22.02	23.30
		25	0	20.98	21.04	20.98	22.30
		25	13	20.99	21.04	21.03	22.30
		25	25	21.04	21.01	21.14	22.30
		50	0	21.11	21.17	20.96	22.30



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26765	26865	26965	
15MHz	QPSK	1	0	23.93	23.89	23.68	25.30
		1	38	23.83	23.66	23.78	25.30
		1	74	24.56	24.12	23.50	25.30
		36	0	23.27	23.18	22.93	24.30
		36	18	22.99	22.72	22.85	24.30
		36	39	22.71	22.77	22.88	24.30
		75	0	23.14	22.80	22.98	24.30
	16QAM	1	0	22.86	23.32	23.36	24.30
		1	38	23.01	23.36	23.64	24.30
		1	74	23.84	23.51	22.43	24.30
		36	0	22.25	22.05	21.92	23.30
		36	18	22.36	21.75	21.80	23.30
		36	39	21.81	21.75	21.73	23.30
		75	0	21.95	21.83	22.12	23.30
	64QAM	1	0	21.98	21.99	21.95	23.30
		1	38	22.00	22.07	21.95	23.30
		1	74	21.95	22.06	21.99	23.30
		36	0	20.96	21.08	20.95	22.30
		36	18	21.00	20.95	21.01	22.30
		36	39	20.96	21.13	21.00	22.30
		75	0	20.99	21.04	21.14	22.30



LTE Band 38 Full power(state3)				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				37775	38000	38225		
5MHz	QPSK	1	0	22.93	23.14	23.00	24.80	
		1	13	23.36	22.97	22.93	24.80	
		1	24	23.01	23.20	22.94	24.80	
		12	0	22.12	22.23	22.26	23.80	
		12	6	22.12	21.95	21.95	23.80	
		12	13	22.03	21.91	21.94	23.80	
	16QAM	25	0	22.09	22.24	22.30	23.80	
		1	0	22.31	22.32	22.29	23.80	
		1	13	22.33	22.28	22.25	23.80	
		1	24	22.11	22.04	22.04	23.80	
		12	0	21.13	21.20	21.34	22.80	
		12	6	21.07	21.11	20.95	22.80	
	64QAM	12	13	20.95	20.89	20.94	22.80	
		25	0	21.11	20.90	20.93	22.80	
		1	0	21.06	21.01	20.98	22.80	
		1	13	20.99	20.97	21.06	22.80	
		1	24	20.94	21.08	21.01	22.80	
		12	0	20.17	19.95	20.17	21.80	
	10MHz	QPSK	12	6	20.08	20.16	20.00	21.80
			12	13	20.13	20.14	20.14	21.80
			25	0	20.05	20.16	20.13	21.80
1			0	23.35	23.02	23.13	24.80	
1			25	23.29	23.00	22.96	24.80	
1			49	23.31	23.09	23.06	24.80	
16QAM		25	0	22.13	22.22	22.15	23.80	
		25	13	22.06	22.12	22.06	23.80	
		25	25	22.23	22.20	22.14	23.80	
		50	0	22.14	21.89	22.03	23.80	
		1	0	22.53	22.53	22.41	23.80	
		1	25	22.47	21.95	22.02	23.80	
64QAM	1	49	22.49	22.23	22.02	23.80		
	25	0	21.40	21.03	20.97	22.80		
	25	13	21.12	21.07	20.81	22.80		
	25	25	21.12	21.14	21.00	22.80		
	50	0	21.11	21.18	20.88	22.80		
	1	0	21.07	21.02	21.06	22.80		
10MHz	64QAM	1	25	21.08	20.94	20.95	22.80	
		1	49	20.94	21.04	21.01	22.80	
		25	0	20.05	19.94	20.18	21.80	
		25	13	20.14	19.97	20.09	21.80	
		25	25	20.06	20.11	19.97	21.80	
		50	0	19.95	19.95	20.14	21.80	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.20	23.08	22.96	24.80
		1	38	22.88	22.85	23.07	24.80
		1	74	23.09	23.27	23.17	24.80
		36	0	22.47	22.23	22.23	23.80
		36	18	22.81	22.28	22.36	23.80
		36	39	22.80	22.37	22.38	23.80
		75	0	22.71	22.38	22.58	23.80
	16QAM	1	0	23.02	22.90	22.78	23.80
		1	38	22.59	22.47	22.53	23.80
		1	74	22.80	22.58	22.69	23.80
		36	0	22.12	21.79	21.88	22.80
		36	18	21.99	21.64	22.12	22.80
		36	39	21.99	21.76	21.84	22.80
		75	0	22.02	21.70	21.89	22.80
	64QAM	1	0	21.02	20.99	21.01	22.80
		1	38	20.95	20.97	21.08	22.80
		1	74	21.05	21.07	21.05	22.80
		36	0	20.17	20.12	20.13	21.80
		36	18	20.15	19.96	20.09	21.80
		36	39	19.96	20.12	19.98	21.80
		75	0	20.15	20.10	20.01	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	23.22	23.19	23.38	24.80
		1	50	23.18	23.01	23.04	24.80
		1	99	23.16	23.29	23.31	24.80
		50	0	22.21	22.35	22.39	23.80
		50	25	21.97	22.06	22.28	23.80
		50	50	22.03	22.16	22.02	23.80
		100	0	22.31	22.09	22.08	23.80
	16QAM	1	0	22.34	22.54	22.63	23.80
		1	50	22.15	22.34	22.36	23.80
		1	99	22.14	22.28	22.38	23.80
		50	0	21.00	21.10	21.07	22.80
		50	25	21.14	21.04	21.13	22.80
		50	50	21.23	21.15	21.11	22.80
		100	0	21.04	21.26	21.33	22.80
	64QAM	1	0	20.99	21.07	21.03	22.80
		1	50	20.95	21.00	20.98	22.80
		1	99	21.06	20.97	21.01	22.80
		50	0	20.18	20.08	20.02	21.80
		50	25	20.01	19.98	20.10	21.80
		50	50	20.09	20.07	20.02	21.80
		100	0	20.11	19.97	19.98	21.80



LTE Band 38 sensor on(state2: 3-6mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	21.88	22.25	21.93	23.80
		1	13	22.21	21.86	21.87	23.80
		1	24	21.95	22.11	21.83	23.80
		12	0	21.06	21.14	21.31	22.80
		12	6	21.03	21.01	20.90	22.80
		12	13	21.12	20.82	20.89	22.80
		25	0	20.98	21.14	21.38	22.80
	16QAM	1	0	21.23	21.43	21.34	22.80
		1	13	21.44	21.20	21.17	22.80
		1	24	21.06	20.99	20.94	22.80
		12	0	20.08	20.13	20.25	21.80
		12	6	20.12	20.02	19.85	21.80
		12	13	19.89	20.00	19.99	21.80
		25	0	20.06	19.82	19.87	21.80
	64QAM	1	0	19.99	19.90	19.89	21.80
		1	13	20.05	20.02	19.98	21.80
		1	24	19.84	20.00	19.93	21.80
		12	0	19.09	18.88	19.09	20.80
		12	6	19.18	19.22	19.06	20.80
		12	13	19.02	19.05	19.06	20.80
		25	0	19.11	19.27	19.20	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	22.22	21.97	22.05	23.80
		1	25	22.19	21.95	21.88	23.80
		1	49	22.26	22.02	22.00	23.80
		25	0	21.06	21.17	21.23	22.80
		25	13	20.95	21.20	21.01	22.80
		25	25	21.28	21.12	21.09	22.80
		50	0	21.04	20.82	21.14	22.80
	16QAM	1	0	21.42	21.61	21.46	22.80
		1	25	21.52	20.90	20.94	22.80
		1	49	21.43	21.18	20.92	22.80
		25	0	20.30	19.94	19.88	21.80
		25	13	20.21	19.98	20.14	21.80
		25	25	20.01	20.20	20.08	21.80
		50	0	20.01	20.10	20.05	21.80
	64QAM	1	0	19.98	19.97	19.98	21.80
		1	25	20.15	20.01	19.89	21.80
		1	49	19.89	19.99	19.91	21.80
		25	0	18.98	18.87	19.08	20.80
		25	13	19.20	19.04	19.19	20.80
		25	25	18.98	19.00	18.90	20.80
		50	0	19.03	19.03	19.22	20.80



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	22.15	22.02	21.91	23.80
		1	38	21.83	22.15	22.00	23.80
		1	74	22.03	22.16	22.10	23.80
		36	0	21.39	21.16	21.29	22.80
		36	18	21.71	21.34	21.31	22.80
		36	39	21.88	21.28	21.27	22.80
		75	0	21.61	21.27	21.64	22.80
	16QAM	1	0	21.96	21.97	21.88	22.80
		1	38	21.67	21.42	21.43	22.80
		1	74	21.70	21.50	21.59	22.80
		36	0	21.07	20.68	20.78	21.80
		36	18	21.05	20.56	21.07	21.80
		36	39	20.91	20.84	20.95	21.80
		75	0	20.96	20.59	20.80	21.80
	64QAM	1	0	19.96	19.91	19.91	21.80
		1	38	20.04	20.06	20.02	21.80
		1	74	19.97	19.99	19.94	21.80
		36	0	19.07	19.06	19.07	20.80
		36	18	19.22	19.05	19.16	20.80
		36	39	18.87	19.05	18.88	20.80
		75	0	19.20	19.18	19.11	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	22.16	22.35	22.36	23.80
		1	50	22.13	21.96	21.94	23.80
		1	99	22.09	22.18	22.25	23.80
		50	0	21.15	21.27	21.42	22.80
		50	25	20.91	21.15	21.19	22.80
		50	50	21.10	21.11	20.95	22.80
		100	0	21.20	20.98	21.19	22.80
	16QAM	1	0	21.23	21.63	21.72	22.80
		1	50	21.21	21.28	21.29	22.80
		1	99	21.06	21.22	21.33	22.80
		50	0	19.92	20.01	20.00	21.80
		50	25	20.23	19.95	20.05	21.80
		50	50	20.14	20.24	20.21	21.80
		100	0	19.95	20.20	20.27	21.80
	64QAM	1	0	19.93	20.02	19.97	21.80
		1	50	20.02	20.10	19.91	21.80
		1	99	19.96	19.89	19.95	21.80
		50	0	19.13	19.02	18.92	20.80
		50	25	19.11	19.05	19.15	20.80
		50	50	19.03	18.97	18.91	20.80
		100	0	19.19	19.07	19.06	20.80



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

Report No.: ZR/2020/7000807

LTE Band 38 sensor on(state1: 0-3mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	19.91	20.13	20.04	21.80
		1	13	20.15	19.89	19.95	21.80
		1	24	20.20	19.86	19.99	21.80
		12	0	20.07	20.10	20.18	21.80
		12	6	20.19	19.94	19.88	21.80
		12	13	20.10	20.20	20.15	21.80
	16QAM	25	0	19.95	20.07	20.11	21.80
		1	0	19.96	20.18	20.16	21.80
		1	13	20.16	20.10	19.84	21.80
		1	24	19.97	19.99	20.16	21.80
		12	0	20.24	19.96	19.97	21.80
		12	6	20.12	20.04	19.95	21.80
	64QAM	12	13	19.95	20.20	20.03	21.80
		25	0	19.99	19.93	20.22	21.80
		1	0	20.13	20.16	20.14	21.80
		1	13	20.12	20.09	19.86	21.80
		1	24	20.11	20.15	20.22	21.80
		12	0	20.19	20.01	20.21	21.80
10MHz	QPSK	12	6	20.03	20.02	19.95	21.80
		12	13	20.15	20.07	20.22	21.80
		25	0	19.96	19.87	19.95	21.80
		1	0	19.91	20.10	20.00	21.80
		1	25	20.03	19.85	20.18	21.80
		1	49	20.14	20.00	19.93	21.80
	16QAM	25	0	19.99	20.07	20.18	21.80
		25	13	20.06	19.98	20.06	21.80
		25	25	20.00	19.88	20.10	21.80
		50	0	20.21	20.01	19.96	21.80
		1	0	20.20	20.02	20.05	21.80
		1	25	20.10	20.20	20.17	21.80
	64QAM	1	49	20.11	19.93	20.07	21.80
		25	0	19.92	19.86	19.97	21.80
		25	13	19.89	20.01	20.00	21.80
		25	25	19.85	19.89	20.17	21.80
		50	0	20.20	20.05	20.13	21.80
		1	0	19.89	20.09	19.91	21.80
10MHz	64QAM	1	25	20.09	19.86	19.97	21.80
		1	49	20.02	20.05	20.08	21.80
		25	0	19.98	19.85	20.08	21.80
		25	13	20.11	19.94	20.20	21.80
		25	25	19.95	20.09	19.92	21.80
		50	0	20.06	20.10	20.14	21.80



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	19.89	19.90	19.98	21.80
		1	38	19.89	20.18	20.19	21.80
		1	74	20.08	19.95	20.18	21.80
		36	0	20.08	20.22	20.19	21.80
		36	18	20.15	19.87	20.06	21.80
		36	39	19.89	19.87	19.98	21.80
		75	0	20.20	19.87	19.90	21.80
	16QAM	1	0	19.87	19.91	19.86	21.80
		1	38	20.00	19.86	20.19	21.80
		1	74	19.93	20.16	20.12	21.80
		36	0	20.03	20.09	20.00	21.80
		36	18	19.95	20.14	20.14	21.80
		36	39	19.86	19.84	19.87	21.80
		75	0	19.95	20.07	19.94	21.80
	64QAM	1	0	20.20	19.91	19.98	21.80
		1	38	20.16	20.14	19.96	21.80
		1	74	19.87	19.86	20.01	21.80
		36	0	20.13	19.94	19.88	21.80
		36	18	19.93	20.09	20.14	21.80
		36	39	20.15	20.00	20.07	21.80
		75	0	20.12	19.88	19.92	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	20.09	20.33	20.35	21.80
		1	50	20.21	20.34	20.04	21.80
		1	99	20.19	20.33	20.16	21.80
		50	0	20.25	20.16	20.04	21.80
		50	25	20.30	19.88	20.16	21.80
		50	50	20.15	20.20	20.07	21.80
		100	0	20.08	20.18	19.87	21.80
	16QAM	1	0	20.08	19.96	20.28	21.80
		1	50	19.93	19.87	20.28	21.80
		1	99	19.95	20.33	19.84	21.80
		50	0	19.84	20.24	19.98	21.80
		50	25	20.13	20.22	20.13	21.80
		50	50	20.28	19.84	20.23	21.80
		100	0	19.94	20.06	20.01	21.80
	64QAM	1	0	20.04	19.84	20.33	21.80
		1	50	19.89	20.01	20.14	21.80
		1	99	20.27	19.86	20.20	21.80
		50	0	19.93	20.06	20.25	21.80
		50	25	19.86	20.00	19.96	21.80
		50	50	20.00	19.99	20.14	21.80
		100	0	19.84	20.01	19.85	21.80



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LTE Band 41(Class 3) Full power(state3)				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	23.30	23.44	23.24	22.88	23.22	24.80
		1	13	23.42	23.28	23.02	22.88	23.17	24.80
		1	24	23.22	23.39	23.39	23.05	23.27	24.80
		12	0	22.61	22.59	22.28	21.92	22.20	23.80
		12	6	22.21	22.50	21.99	22.24	22.15	23.80
		12	13	22.54	22.41	21.98	22.43	22.23	23.80
	16QAM	25	0	22.45	22.63	22.24	21.93	22.50	23.80
		1	0	22.44	22.59	22.08	22.04	22.26	23.80
		1	13	22.39	22.65	22.07	22.21	22.30	23.80
		1	24	22.26	22.41	22.03	22.09	22.51	23.80
		12	0	21.21	21.66	21.32	20.98	21.50	22.80
		12	6	21.08	21.53	20.94	20.87	21.12	22.80
	64QAM	12	13	21.35	21.40	21.05	21.21	21.19	22.80
		25	0	21.20	21.48	21.28	20.98	21.53	22.80
		1	0	21.36	21.24	21.33	21.49	21.27	22.80
		1	13	21.33	21.39	21.47	21.49	21.41	22.80
		1	24	21.47	21.45	21.20	21.21	21.31	22.80
		12	0	20.39	20.24	20.27	20.35	20.18	21.80
10MHz	QPSK	12	6	20.32	20.33	20.18	20.35	20.25	21.80
		12	13	20.26	20.29	20.27	20.39	20.27	21.80
		25	0	20.20	20.25	20.34	20.21	20.33	21.80
		1	0	23.25	22.94	22.99	22.98	23.02	24.80
		1	25	23.20	22.95	23.07	23.17	23.00	24.80
		1	49	23.13	23.03	22.96	23.37	23.12	24.80
	16QAM	25	0	22.18	22.30	22.39	22.15	22.35	23.80
		25	13	22.32	22.24	22.46	22.23	22.33	23.80
		25	25	22.46	22.25	22.34	22.14	22.32	23.80
		50	0	22.13	22.25	22.41	22.20	22.33	23.80
		1	0	22.65	22.25	22.26	22.40	22.31	23.80
		1	25	22.22	21.92	22.32	22.21	21.99	23.80
	64QAM	1	49	22.27	22.34	22.32	22.18	22.45	23.80
		25	0	21.21	21.15	21.18	21.39	21.23	22.80
		25	13	21.20	21.08	21.15	21.48	21.16	22.80
		25	25	21.20	21.20	21.17	21.26	21.30	22.80
		50	0	21.25	21.10	21.25	21.43	21.19	22.80
		1	0	21.34	21.22	21.25	21.33	21.48	22.80
10MHz	64QAM	1	25	21.44	21.20	21.50	21.40	21.32	22.80
		1	49	21.49	21.47	21.48	21.46	21.43	22.80
		25	0	20.22	20.39	20.38	20.25	20.28	21.80
		25	13	20.30	20.35	20.20	20.39	20.35	21.80
		25	25	20.27	20.22	20.24	20.36	20.31	21.80
		50	0	20.21	20.38	20.34	20.23	20.31	21.80



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39725	40173	40620	41068	41515		
15MHz	QPSK	1	0	23.24	23.38	23.03	22.96	22.99	24.80	
		1	38	23.38	23.34	22.97	23.02	23.18	24.80	
		1	74	23.28	23.48	23.01	23.59	23.17	24.80	
		36	0	22.63	22.71	22.30	22.35	22.50	23.80	
		36	18	22.37	22.66	22.34	22.37	22.56	23.80	
		36	39	22.34	22.66	22.28	22.33	22.48	23.80	
	16QAM	75	0	22.31	22.45	22.24	22.26	22.55	23.80	
		1	0	22.36	22.73	22.26	22.18	22.37	23.80	
		1	38	22.32	22.80	22.12	22.09	22.23	23.80	
		1	74	22.31	22.62	22.11	22.30	22.34	23.80	
		36	0	21.49	21.55	21.14	21.01	21.40	22.80	
		36	18	21.54	21.61	21.09	21.39	21.27	22.80	
	64QAM	36	39	21.44	21.61	21.18	21.26	21.28	22.80	
		75	0	21.52	21.59	21.20	21.34	21.36	22.80	
		1	0	21.30	21.20	21.35	21.28	21.42	22.80	
		1	38	21.30	21.47	21.32	21.34	21.37	22.80	
		1	74	21.22	21.40	21.46	21.35	21.27	22.80	
		36	0	20.36	20.32	20.26	20.36	20.28	21.80	
	20MHz	QPSK	36	18	20.18	20.31	20.36	20.21	20.28	21.80
			36	39	20.20	20.37	20.21	20.32	20.27	21.80
			75	0	20.25	20.23	20.22	20.20	20.21	21.80
1			0	23.66	23.25	23.66	23.27	23.36	24.80	
1			50	23.30	23.23	23.41	23.53	23.39	24.80	
1			99	23.48	23.27	23.57	23.24	23.38	24.80	
50			0	22.47	22.21	22.70	22.57	22.62	23.80	
16QAM		50	25	22.48	22.25	22.58	22.65	22.69	23.80	
		50	50	22.43	22.28	22.61	22.53	22.26	23.80	
		100	0	22.46	22.41	22.59	22.59	22.42	23.80	
		1	0	22.77	22.45	22.44	22.47	22.39	23.80	
		1	50	22.54	22.50	22.45	22.66	22.63	23.80	
		1	99	22.28	22.36	22.32	22.50	22.41	23.80	
		50	0	21.38	21.30	21.32	21.48	21.70	22.80	
64QAM		50	25	21.39	21.57	21.32	21.33	21.66	22.80	
	50	50	21.56	21.37	21.46	21.35	21.54	22.80		
	100	0	21.46	21.22	21.29	21.43	21.61	22.80		
	1	0	21.42	21.34	21.22	21.45	21.31	22.80		
	1	50	21.42	21.37	21.43	21.27	21.29	22.80		
	1	99	21.45	21.37	21.33	21.33	21.28	22.80		
	50	0	20.22	20.32	20.23	20.26	20.29	21.80		
64QAM	50	25	20.23	20.24	20.39	20.39	20.31	21.80		
	50	50	20.23	20.34	20.22	20.37	20.39	21.80		
	100	0	20.33	20.22	20.31	20.39	20.29	21.80		
	100	0	20.33	20.22	20.31	20.39	20.29	21.80		



LTE Band 41(Class 3) sensor on(state2: 3-6mm)				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	19.49	19.42	19.61	19.75	19.51	20.80
		1	13	19.30	19.59	19.30	19.79	19.67	20.80
		1	24	19.25	19.74	19.72	19.67	19.80	20.80
		12	0	19.28	19.83	19.62	19.64	19.27	20.80
		12	6	19.30	19.33	19.56	19.81	19.77	20.80
		12	13	19.65	19.37	19.82	19.77	19.31	20.80
		25	0	19.29	19.25	19.55	19.30	19.66	20.80
	16QAM	1	0	19.63	19.68	19.52	19.50	19.51	20.80
		1	13	19.68	19.73	19.62	19.48	19.37	20.80
		1	24	19.79	19.66	19.35	19.36	19.32	20.80
		12	0	19.74	19.25	19.63	19.33	19.58	20.80
		12	6	19.33	19.75	19.66	19.25	19.54	20.80
		12	13	19.60	19.73	19.63	19.39	19.33	20.80
		25	0	19.44	19.82	19.35	19.56	19.54	20.80
	64QAM	1	0	19.43	19.40	19.46	19.32	19.31	20.80
		1	13	19.82	19.67	19.52	19.77	19.63	20.80
		1	24	19.47	19.36	19.72	19.58	19.34	20.80
		12	0	19.47	19.50	19.45	19.67	19.27	20.80
		12	6	19.49	19.34	19.26	19.74	19.62	20.80
		12	13	19.57	19.43	19.32	19.39	19.72	20.80
		25	0	19.74	19.50	19.34	19.26	19.68	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	19.62	19.31	19.37	19.31	19.66	20.80
		1	25	19.47	19.31	19.81	19.57	19.82	20.80
		1	49	19.65	19.53	19.51	19.33	19.66	20.80
		25	0	19.45	19.30	19.87	19.35	19.77	20.80
		25	13	19.67	19.62	19.67	19.51	19.52	20.80
		25	25	19.76	19.47	19.49	19.24	19.51	20.80
		50	0	19.78	19.48	19.75	19.81	19.70	20.80
	16QAM	1	0	19.64	19.39	19.66	19.63	19.65	20.80
		1	25	19.49	19.33	19.28	19.83	19.31	20.80
		1	49	19.72	19.24	19.63	19.69	19.53	20.80
		25	0	19.75	19.67	19.28	19.80	19.33	20.80
		25	13	19.38	19.73	19.56	19.72	19.62	20.80
		25	25	19.59	19.33	19.39	19.32	19.68	20.80
		50	0	19.45	19.59	19.54	19.44	19.72	20.80
	64QAM	1	0	19.46	19.74	19.63	19.60	19.33	20.80
		1	25	19.49	19.40	19.62	19.57	19.66	20.80
		1	49	19.42	19.52	19.70	19.37	19.66	20.80
		25	0	19.58	19.45	19.27	19.76	19.36	20.80
		25	13	19.27	19.76	19.27	19.50	19.36	20.80
		25	25	19.73	19.64	19.63	19.56	19.77	20.80
		50	0	19.28	19.49	19.73	19.59	19.78	20.80



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	19.32	19.78	19.37	19.51	19.52	20.80
		1	38	19.37	19.44	19.26	19.64	19.27	20.80
		1	74	19.79	19.43	19.47	19.25	19.42	20.80
		36	0	19.63	19.75	19.75	19.79	19.35	20.80
		36	18	19.30	19.74	19.39	19.59	19.64	20.80
		36	39	19.34	19.80	19.40	19.39	19.46	20.80
		75	0	19.84	19.53	19.65	19.67	19.30	20.80
	16QAM	1	0	19.73	19.34	19.65	19.65	19.76	20.80
		1	38	19.30	19.80	19.69	19.28	19.72	20.80
		1	74	19.48	19.29	19.52	19.41	19.57	20.80
		36	0	19.55	19.77	19.36	19.27	19.48	20.80
		36	18	19.30	19.59	19.55	19.72	19.39	20.80
		36	39	19.29	19.65	19.44	19.68	19.60	20.80
		75	0	19.33	19.33	19.56	19.52	19.25	20.80
	64QAM	1	0	19.39	19.81	19.51	19.33	19.43	20.80
		1	38	19.58	19.51	19.57	19.37	19.24	20.80
		1	74	19.57	19.55	19.35	19.81	19.36	20.80
		36	0	19.66	19.26	19.61	19.35	19.68	20.80
		36	18	19.54	19.73	19.43	19.50	19.69	20.80
		36	39	19.54	19.35	19.28	19.81	19.31	20.80
		75	0	19.32	19.63	19.78	19.37	19.60	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	19.94	19.45	19.93	19.69	19.74	20.80
		1	50	19.56	19.53	19.48	19.64	19.92	20.80
		1	99	19.87	19.63	19.45	19.80	19.77	20.80
		50	0	19.68	19.66	19.55	19.81	19.64	20.80
		50	25	19.82	19.60	19.80	19.83	19.84	20.80
		50	50	19.68	19.57	19.59	19.55	19.59	20.80
		100	0	19.72	19.86	19.55	19.60	19.63	20.80
	16QAM	1	0	19.49	19.55	19.78	19.57	19.45	20.80
		1	50	19.87	19.90	19.80	19.73	19.49	20.80
		1	99	19.61	19.62	19.63	19.89	19.93	20.80
		50	0	19.54	19.87	19.53	19.45	19.65	20.80
		50	25	19.86	19.72	19.68	19.48	19.66	20.80
		50	50	19.65	19.48	19.84	19.83	19.59	20.80
		100	0	19.46	19.57	19.80	19.55	19.74	20.80
	64QAM	1	0	19.68	19.90	19.57	19.48	19.56	20.80
		1	50	19.52	19.48	19.82	19.55	19.46	20.80
		1	99	19.73	19.57	19.93	19.83	19.53	20.80
		50	0	19.45	19.79	19.91	19.55	19.77	20.80
		50	25	19.61	19.85	19.60	19.46	19.57	20.80
		50	50	19.48	19.51	19.78	19.77	19.60	20.80
		100	0	19.86	19.53	19.52	19.54	19.64	20.80



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LTE Band 41(Class 3) sensor on(state1: 0-3mm)				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	17.63	17.39	17.44	17.79	17.27	18.80	
		1	13	17.24	17.79	17.48	17.72	17.80	18.80	
		1	24	17.68	17.59	17.46	17.59	17.38	18.80	
		12	0	17.59	17.62	17.46	17.37	17.40	18.80	
		12	6	17.54	17.26	17.53	17.49	17.55	18.80	
		12	13	17.71	17.24	17.63	17.66	17.78	18.80	
	16QAM	25	0	17.79	17.60	17.42	17.27	17.65	18.80	
		1	0	17.78	17.30	17.39	17.76	17.44	18.80	
		1	13	17.75	17.78	17.64	17.59	17.49	18.80	
		1	24	17.70	17.69	17.57	17.35	17.24	18.80	
		12	0	17.31	17.77	17.55	17.43	17.45	18.80	
		12	6	17.61	17.47	17.70	17.58	17.31	18.80	
	64QAM	12	13	17.65	17.66	17.39	17.36	17.52	18.80	
		25	0	17.79	17.65	17.79	17.62	17.61	18.80	
		1	0	17.33	17.63	17.43	17.52	17.39	18.80	
		1	13	17.48	17.38	17.62	17.58	17.57	18.80	
		1	24	17.45	17.29	17.56	17.67	17.44	18.80	
		12	0	17.44	17.62	17.49	17.24	17.34	18.80	
	10MHz	QPSK	12	6	17.43	17.53	17.59	17.31	17.43	18.80
			12	13	17.71	17.54	17.36	17.39	17.77	18.80
			25	0	17.52	17.29	17.27	17.33	17.48	18.80
1			0	17.45	17.61	17.33	17.60	17.79	18.80	
1			25	17.62	17.39	17.38	17.63	17.42	18.80	
1			49	17.77	17.36	17.49	17.52	17.42	18.80	
16QAM		25	0	17.59	17.32	17.57	17.25	17.36	18.80	
		25	13	17.67	17.54	17.25	17.50	17.25	18.80	
		25	25	17.62	17.61	17.41	17.66	17.78	18.80	
		50	0	17.73	17.72	17.28	17.29	17.71	18.80	
		1	0	17.48	17.66	17.29	17.59	17.66	18.80	
		1	25	17.30	17.62	17.67	17.44	17.30	18.80	
64QAM	1	49	17.68	17.40	17.47	17.45	17.61	18.80		
	25	0	17.75	17.47	17.32	17.75	17.54	18.80		
	25	13	17.34	17.50	17.41	17.50	17.70	18.80		
	25	25	17.78	17.56	17.74	17.58	17.33	18.80		
	50	0	17.66	17.45	17.41	17.70	17.64	18.80		
	1	0	17.66	17.71	17.51	17.37	17.72	18.80		
10MHz	QPSK	1	25	17.35	17.34	17.60	17.36	17.29	18.80	
		1	49	17.27	17.70	17.50	17.48	17.30	18.80	
		25	0	17.48	17.77	17.67	17.37	17.36	18.80	
		25	13	17.57	17.39	17.26	17.69	17.39	18.80	
		25	25	17.52	17.28	17.65	17.25	17.68	18.80	
		50	0	17.45	17.44	17.58	17.58	17.39	18.80	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	17.47	17.68	17.58	17.39	17.79	18.80
		1	38	17.60	17.63	17.72	17.41	17.60	18.80
		1	74	17.50	17.73	17.64	17.82	17.81	18.80
		36	0	17.49	17.61	17.45	17.70	17.53	18.80
		36	18	17.54	17.71	17.51	17.29	17.54	18.80
		36	39	17.52	17.50	17.57	17.65	17.47	18.80
		75	0	17.68	17.45	17.29	17.48	17.74	18.80
	16QAM	1	0	17.63	17.28	17.41	17.34	17.72	18.80
		1	38	17.45	17.44	17.57	17.68	17.52	18.80
		1	74	17.54	17.50	17.56	17.79	17.53	18.80
		36	0	17.62	17.39	17.68	17.40	17.80	18.80
		36	18	17.38	17.41	17.75	17.34	17.46	18.80
		36	39	17.37	17.53	17.43	17.66	17.73	18.80
		75	0	17.35	17.56	17.59	17.60	17.23	18.80
	64QAM	1	0	17.57	17.33	17.29	17.37	17.71	18.80
		1	38	17.81	17.63	17.62	17.27	17.43	18.80
		1	74	17.23	17.54	17.68	17.81	17.36	18.80
		36	0	17.39	17.24	17.39	17.32	17.53	18.80
		36	18	17.56	17.45	17.28	17.37	17.24	18.80
		36	39	17.32	17.68	17.80	17.28	17.59	18.80
		75	0	17.78	17.38	17.37	17.72	17.69	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	17.91	17.57	17.64	17.79	17.34	18.80
		1	50	17.74	17.81	17.36	17.90	17.82	18.80
		1	99	17.65	17.45	17.76	17.81	17.26	18.80
		50	0	17.47	17.78	17.82	17.73	17.45	18.80
		50	25	17.34	17.71	17.73	17.40	17.45	18.80
		50	50	17.74	17.64	17.54	17.82	17.81	18.80
		100	0	17.58	17.67	17.81	17.82	17.55	18.80
	16QAM	1	0	17.51	17.58	17.55	17.66	17.80	18.80
		1	50	17.50	17.73	17.30	17.51	17.52	18.80
		1	99	17.52	17.69	17.28	17.41	17.73	18.80
		50	0	17.28	17.81	17.55	17.26	17.37	18.80
		50	25	17.36	17.63	17.57	17.54	17.78	18.80
		50	50	17.49	17.27	17.58	17.27	17.37	18.80
		100	0	17.74	17.55	17.48	17.33	17.53	18.80
	64QAM	1	0	17.36	17.72	17.56	17.55	17.72	18.80
		1	50	17.66	17.45	17.56	17.56	17.35	18.80
		1	99	17.32	17.64	17.62	17.46	17.45	18.80
		50	0	17.43	17.38	17.44	17.32	17.56	18.80
		50	25	17.64	17.59	17.26	17.82	17.78	18.80
		50	50	17.51	17.64	17.74	17.74	17.70	18.80
		100	0	17.66	17.55	17.64	17.51	17.81	18.80



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LTE Band 41(Class 2) Full power(state3)				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	25.64	25.62	25.83	25.77	25.35	26.80
		1	13	25.72	25.42	25.97	25.78	25.55	26.80
		1	24	25.61	25.26	25.82	26.10	25.98	26.80
		12	0	24.87	24.82	24.94	25.24	24.80	25.80
		12	6	24.50	24.70	24.80	24.61	24.63	25.80
		12	13	24.87	25.22	24.90	24.52	24.99	25.80
	16QAM	25	0	24.55	25.07	24.83	25.13	24.99	25.80
		1	0	24.37	24.94	25.15	25.29	25.01	25.80
		1	13	24.99	24.80	25.27	25.33	25.11	25.80
		1	24	24.76	24.77	25.45	25.44	25.46	25.80
		12	0	23.70	24.14	24.08	24.25	23.96	24.80
		12	6	23.88	23.70	23.74	24.08	24.08	24.80
	64QAM	12	13	23.92	23.92	23.98	23.78	24.02	24.80
		25	0	23.94	24.08	23.95	23.80	23.85	24.80
		1	0	23.86	23.75	23.83	23.75	23.80	24.80
		1	13	23.92	23.93	23.94	23.75	23.75	24.80
		1	24	23.92	23.85	23.82	23.84	23.82	24.80
		12	0	22.88	23.03	22.99	22.98	23.01	23.80
10MHz	QPSK	12	6	23.05	22.91	22.79	22.76	22.80	23.80
		12	13	22.91	23.02	22.99	22.96	22.91	23.80
		25	0	22.86	22.93	22.88	23.02	22.83	23.80
		1	0	25.63	25.63	25.61	25.85	25.33	26.80
		1	25	25.70	25.49	26.03	25.83	25.55	26.80
		1	49	25.49	25.21	25.88	26.11	25.84	26.80
	16QAM	25	0	24.90	24.86	24.76	25.11	24.63	25.80
		25	13	24.94	24.88	24.89	25.02	25.03	25.80
		25	25	24.92	25.21	25.11	24.95	25.21	25.80
		50	0	24.59	24.99	24.93	25.05	25.03	25.80
		1	0	24.46	25.22	25.16	25.45	24.99	25.80
		1	25	24.98	24.67	25.23	25.31	25.21	25.80
	64QAM	1	49	24.99	24.61	25.75	25.58	25.53	25.80
		25	0	23.90	24.03	24.09	24.18	24.08	24.80
		25	13	24.26	23.81	23.75	24.21	24.24	24.80
		25	25	23.77	24.05	24.11	24.03	24.19	24.80
		50	0	23.99	23.88	24.09	23.83	23.97	24.80
		1	0	23.77	23.94	23.94	23.91	23.95	24.80
64QAM	1	25	23.77	23.96	23.79	23.90	23.89	24.80	
	1	49	23.76	23.89	23.77	23.91	23.75	24.80	
	25	0	23.07	22.92	22.89	23.00	22.96	23.80	
	25	13	22.92	23.01	22.83	23.01	22.79	23.80	
	25	25	22.92	22.96	22.84	22.84	23.04	23.80	
	50	0	22.89	22.79	22.94	22.95	22.89	23.80	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	25.64	25.63	25.61	25.65	25.50	26.80
		1	38	25.47	25.55	26.03	25.92	25.80	26.80
		1	74	25.52	25.40	25.74	26.12	26.04	26.80
		36	0	24.58	24.87	24.59	24.68	24.64	25.80
		36	18	24.49	24.71	24.61	24.73	24.85	25.80
		36	39	24.94	25.36	24.88	24.59	25.26	25.80
		75	0	24.46	25.04	24.68	24.92	25.07	25.80
	16QAM	1	0	24.65	25.43	24.95	24.98	25.49	25.80
		1	38	24.94	24.50	25.04	25.20	25.05	25.80
		1	74	24.76	24.65	25.49	25.18	25.74	25.80
		36	0	23.56	23.98	23.58	23.81	23.81	24.80
		36	18	23.87	23.78	23.43	24.19	24.01	24.80
		36	39	23.83	24.04	23.95	23.82	24.08	24.80
		75	0	24.17	23.93	23.75	23.67	23.91	24.80
	64QAM	1	0	23.94	23.75	23.98	23.91	23.89	24.80
		1	38	23.82	23.88	23.88	23.81	23.78	24.80
		1	74	23.96	23.96	23.95	23.86	23.98	24.80
		36	0	23.00	22.91	23.03	22.89	22.90	23.80
		36	18	23.00	23.08	22.97	22.98	23.02	23.80
		36	39	22.94	23.03	23.00	22.85	22.84	23.80
		75	0	23.02	22.93	23.05	22.92	22.90	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	25.39	25.62	26.12	25.64	25.62	26.80
		1	50	25.42	25.52	25.71	26.13	25.73	26.80
		1	99	25.45	25.39	25.96	26.10	26.13	26.80
		50	0	24.89	25.04	24.78	24.84	24.87	25.80
		50	25	24.80	25.03	24.77	24.93	24.91	25.80
		50	50	24.78	25.09	24.81	24.98	25.01	25.80
		100	0	24.73	25.11	24.78	25.00	24.98	25.80
	16QAM	1	0	24.45	25.05	24.84	25.06	25.10	25.80
		1	50	24.65	24.88	25.12	25.31	25.30	25.80
		1	99	24.61	24.59	25.25	25.45	25.53	25.80
		50	0	23.90	24.02	23.81	23.92	23.98	24.80
		50	25	23.92	24.07	23.73	23.93	24.03	24.80
		50	50	23.91	24.12	23.94	24.06	24.11	24.80
		100	0	23.90	24.21	23.81	24.03	24.04	24.80
	64QAM	1	0	23.89	23.82	23.92	23.83	23.84	24.80
		1	50	23.81	23.98	23.80	23.97	23.97	24.80
		1	99	23.92	23.84	23.80	23.82	23.76	24.80
		50	0	22.91	22.78	22.86	22.78	22.77	23.80
		50	25	22.84	22.75	22.76	22.85	22.81	23.80
		50	50	22.84	23.01	23.04	22.99	23.03	23.80
		100	0	22.86	22.92	22.93	22.88	22.92	23.80



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LTE Band 41(Class 2) sensor on(state2: 3-6mm)				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	19.01	19.34	19.29	19.33	19.34	19.80	
		1	13	19.14	19.24	19.10	19.22	19.33	19.80	
		1	24	19.15	19.20	19.13	19.35	19.04	19.80	
		12	0	19.17	19.36	19.00	19.21	19.23	19.80	
		12	6	18.84	19.03	18.89	19.30	19.22	19.80	
		12	13	18.87	19.25	18.90	19.29	18.98	19.80	
	16QAM	25	0	19.12	19.14	19.01	19.20	19.08	19.80	
		1	0	19.02	19.18	19.01	19.23	19.13	19.80	
		1	13	18.83	19.12	19.04	19.19	19.11	19.80	
		1	24	19.00	19.24	18.85	19.07	19.04	19.80	
		12	0	18.87	19.09	18.94	19.26	19.17	19.80	
		12	6	18.80	19.10	19.13	19.15	18.98	19.80	
	64QAM	12	13	19.14	19.10	18.92	19.16	19.19	19.80	
		25	0	19.23	19.25	19.08	19.20	19.28	19.80	
		1	0	19.27	19.05	19.30	19.13	19.30	19.80	
		1	13	19.10	19.29	18.93	19.16	19.29	19.80	
		1	24	18.98	19.15	18.93	18.99	18.96	19.80	
		12	0	19.03	19.15	19.19	19.13	19.16	19.80	
	10MHz	QPSK	12	6	19.29	19.02	19.31	19.29	19.14	19.80
			12	13	19.07	19.11	19.27	18.98	18.95	19.80
			12	13	19.07	19.11	19.27	18.98	18.95	19.80
			25	0	19.24	19.13	19.13	19.09	18.96	19.80
			1	0	19.36	19.39	19.21	19.31	19.08	19.80
			1	25	19.09	19.19	19.02	19.19	19.18	19.80
16QAM		1	49	19.27	19.31	19.12	19.39	19.27	19.80	
		25	0	19.25	19.44	18.99	19.33	19.22	19.80	
		25	13	19.27	19.31	18.98	19.33	19.10	19.80	
		25	25	19.17	19.27	19.01	19.34	19.07	19.80	
		50	0	19.15	19.34	19.01	19.33	19.13	19.80	
		1	0	18.91	19.25	19.08	19.22	19.01	19.80	
64QAM	1	25	18.93	19.17	18.88	19.15	18.99	19.80		
	1	49	19.24	19.10	19.01	19.26	19.01	19.80		
	25	0	19.34	19.35	19.19	19.14	19.25	19.80		
	25	13	19.33	19.35	19.17	19.22	19.31	19.80		
	25	25	18.93	19.27	19.12	19.25	19.14	19.80		
	50	0	19.03	19.25	19.19	19.32	19.21	19.80		
10MHz	QPSK	1	0	19.07	19.07	19.12	19.11	19.08	19.80	
		1	25	19.18	19.19	18.96	19.10	19.24	19.80	
		1	49	18.94	19.12	19.28	19.26	19.10	19.80	
		25	0	19.17	19.20	18.98	18.94	18.92	19.80	
		25	13	19.01	19.00	18.91	19.07	19.22	19.80	
		25	25	19.10	19.07	19.13	19.10	19.14	19.80	
10MHz	16QAM	50	0	19.03	19.22	18.94	19.26	19.05	19.80	
		1	0	19.36	19.39	19.21	19.31	19.08	19.80	
		1	25	19.09	19.19	19.02	19.19	19.18	19.80	
		1	49	19.27	19.31	19.12	19.39	19.27	19.80	
		25	0	19.25	19.44	18.99	19.33	19.22	19.80	
		25	13	19.27	19.31	18.98	19.33	19.10	19.80	
10MHz	64QAM	25	25	19.17	19.27	19.01	19.34	19.07	19.80	
		50	0	19.15	19.34	19.01	19.33	19.13	19.80	
		1	0	18.91	19.25	19.08	19.22	19.01	19.80	
		1	25	18.93	19.17	18.88	19.15	18.99	19.80	
		1	49	19.24	19.10	19.01	19.26	19.01	19.80	
		25	0	19.34	19.35	19.19	19.14	19.25	19.80	



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	19.36	19.42	18.88	19.05	19.44	19.80
		1	38	18.94	19.04	18.88	19.04	19.11	19.80
		1	74	19.03	19.27	18.95	19.19	19.31	19.80
		36	0	18.82	19.16	18.76	18.98	19.04	19.80
		36	18	18.88	19.00	18.88	19.00	18.99	19.80
		36	39	18.96	19.15	18.91	19.14	18.94	19.80
		75	0	18.86	19.08	18.75	18.98	19.04	19.80
	16QAM	1	0	19.01	19.35	18.94	18.96	19.43	19.80
		1	38	18.90	19.05	18.95	19.01	19.10	19.80
		1	74	18.98	19.19	19.09	19.25	19.11	19.80
		36	0	18.81	19.15	18.74	18.96	19.13	19.80
		36	18	18.89	19.09	18.90	19.06	19.08	19.80
		36	39	18.96	19.13	19.05	19.29	19.14	19.80
		75	0	18.90	19.23	18.96	19.09	19.26	19.80
	64QAM	1	0	19.09	19.28	18.90	19.05	19.28	19.80
		1	38	19.12	19.23	19.17	19.12	19.21	19.80
		1	74	19.15	19.27	19.28	19.28	19.13	19.80
		36	0	19.26	18.92	19.05	19.07	19.03	19.80
		36	18	19.26	19.01	19.17	19.31	19.26	19.80
		36	39	19.24	18.96	19.25	19.01	19.05	19.80
		75	0	19.16	19.10	19.17	19.11	18.96	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	19.19	19.22	18.81	18.84	19.47	19.80
		1	50	19.10	19.24	18.96	19.25	19.15	19.80
		1	99	19.16	19.27	18.72	19.20	19.13	19.80
		50	0	18.92	19.32	19.00	19.17	19.23	19.80
		50	25	18.99	19.10	18.89	19.24	19.11	19.80
		50	50	19.06	19.14	19.12	19.16	19.22	19.80
		100	0	19.00	19.37	19.02	19.18	19.19	19.80
	16QAM	1	0	19.03	19.25	18.79	19.02	19.30	19.80
		1	50	18.87	19.14	18.92	19.03	19.07	19.80
		1	99	19.10	19.23	19.07	19.26	19.15	19.80
		50	0	18.88	19.25	18.98	19.08	19.19	19.80
		50	25	19.15	19.14	18.86	19.14	19.14	19.80
		50	50	19.12	19.09	19.11	19.16	19.15	19.80
		100	0	18.85	19.28	19.01	19.18	19.22	19.80
	64QAM	1	0	19.31	18.98	19.22	19.02	19.04	19.80
		1	50	19.07	19.11	18.92	19.08	18.92	19.80
		1	99	19.29	19.03	18.97	19.24	18.97	19.80
		50	0	19.12	18.92	19.13	19.18	19.14	19.80
		50	25	18.95	18.98	19.08	19.02	18.94	19.80
		50	50	19.20	19.29	19.17	19.19	19.29	19.80
		100	0	19.06	19.20	19.21	19.20	19.24	19.80



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

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LTE Band 41(Class 2) sensor on(state1: 0-3mm)				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up	
				39675	40148	40620	41093	41565		
5MHz	QPSK	1	0	17.20	17.23	17.17	17.16	17.31	17.80	
		1	13	17.01	17.24	17.18	17.27	17.29	17.80	
		1	24	17.14	17.28	17.00	17.19	17.14	17.80	
		12	0	16.97	17.23	17.08	17.36	17.19	17.80	
		12	6	16.91	17.13	17.08	17.16	17.19	17.80	
		12	13	17.07	17.03	16.98	17.14	16.99	17.80	
	16QAM	25	0	16.91	17.33	16.97	17.16	17.10	17.80	
		1	0	17.01	17.25	16.96	17.10	17.12	17.80	
		1	13	16.93	17.09	17.11	17.17	17.32	17.80	
		1	24	17.00	17.22	17.01	17.25	17.22	17.80	
		12	0	16.87	17.18	17.12	17.16	17.20	17.80	
		12	6	16.81	17.08	16.99	17.14	16.99	17.80	
	64QAM	12	13	17.16	17.31	17.01	17.24	17.19	17.80	
		25	0	16.89	17.25	17.15	17.30	17.33	17.80	
		1	0	17.27	17.08	17.24	16.96	17.27	17.80	
		1	13	16.95	17.19	17.14	17.26	17.03	17.80	
		1	24	17.30	17.08	17.27	17.15	17.09	17.80	
		12	0	17.27	17.04	17.09	17.30	17.06	17.80	
	10MHz	QPSK	12	6	16.90	16.98	17.09	17.27	16.92	17.80
			12	13	17.04	17.17	17.11	17.02	17.27	17.80
			25	0	17.17	17.09	17.23	17.23	17.00	17.80
1			0	17.34	17.36	17.21	17.25	17.19	17.80	
1			25	17.22	17.21	17.14	17.15	17.20	17.80	
1			49	17.27	17.31	17.15	17.33	17.32	17.80	
16QAM		25	0	17.07	17.25	17.11	17.18	17.21	17.80	
		25	13	17.19	17.16	17.10	17.29	17.23	17.80	
		25	25	17.09	17.20	17.11	17.30	17.05	17.80	
		50	0	17.18	17.17	17.12	17.29	17.13	17.80	
		1	0	17.07	17.27	17.07	17.18	17.03	17.80	
		1	25	17.20	17.19	16.99	17.25	17.09	17.80	
64QAM	1	49	17.33	17.11	17.13	17.22	17.30	17.80		
	25	0	17.36	17.17	17.01	17.24	17.37	17.80		
	25	13	17.35	17.18	16.98	17.33	17.27	17.80		
	25	25	16.95	17.11	17.03	17.35	17.20	17.80		
	50	0	17.34	17.29	17.10	17.33	17.27	17.80		
	1	0	17.27	17.29	17.24	17.27	16.99	17.80		
64QAM	1	25	16.93	17.14	16.95	17.30	16.97	17.80		
	1	49	17.30	17.28	16.93	16.98	16.93	17.80		
	25	0	17.24	17.00	17.26	17.29	16.99	17.80		
	25	13	17.12	16.96	17.27	17.13	16.91	17.80		
	25	25	17.29	17.10	17.13	16.96	17.30	17.80		
	50	0	17.15	17.06	17.16	17.13	16.93	17.80		



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	17.19	17.35	16.89	16.89	17.38	17.80
		1	38	17.02	17.08	16.89	16.96	17.03	17.80
		1	74	17.11	17.34	17.17	17.05	17.20	17.80
		36	0	16.88	17.21	16.78	16.93	17.06	17.80
		36	18	16.95	17.25	16.82	17.08	17.11	17.80
		36	39	16.93	17.21	16.92	17.11	17.06	17.80
		75	0	16.93	17.13	16.80	16.90	17.08	17.80
	16QAM	1	0	17.09	17.36	16.82	16.89	17.35	17.80
		1	38	16.93	17.18	16.81	17.12	17.06	17.80
		1	74	17.11	17.23	17.01	17.16	17.10	17.80
		36	0	16.95	17.19	16.75	17.00	17.07	17.80
		36	18	16.93	17.13	17.04	17.13	17.11	17.80
		36	39	17.00	17.28	17.07	17.09	17.16	17.80
		75	0	16.96	17.27	16.96	17.12	17.24	17.80
	64QAM	1	0	17.04	16.99	17.23	16.90	17.04	17.80
		1	38	17.08	16.97	17.31	16.96	17.09	17.80
		1	74	17.02	16.93	17.23	16.91	17.19	17.80
		36	0	17.20	17.25	16.99	16.90	17.25	17.80
		36	18	17.30	17.16	17.13	17.04	17.00	17.80
		36	39	16.97	17.19	16.98	17.09	17.05	17.80
		75	0	17.10	16.96	17.15	17.14	17.00	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	17.09	17.32	16.76	16.89	17.39	17.80
		1	50	17.12	17.23	16.95	17.17	17.11	17.80
		1	99	17.15	17.31	16.78	17.01	17.16	17.80
		50	0	17.00	17.31	16.87	17.16	17.09	17.80
		50	25	16.98	17.12	16.88	17.15	17.38	17.80
		50	50	17.08	17.28	16.97	17.18	17.12	17.80
		100	0	17.11	17.36	16.99	17.12	17.03	17.80
	16QAM	1	0	17.05	17.31	16.75	16.85	17.34	17.80
		1	50	16.91	17.22	17.09	16.99	17.03	17.80
		1	99	17.16	17.31	17.05	17.02	17.15	17.80
		50	0	16.95	17.25	16.89	17.05	17.26	17.80
		50	25	17.11	17.16	17.05	17.20	17.34	17.80
		50	50	17.10	17.30	17.08	17.12	17.07	17.80
		100	0	16.92	17.28	16.98	17.17	17.18	17.80
	64QAM	1	0	17.09	16.99	16.90	17.02	17.24	17.80
		1	50	17.27	17.22	17.05	17.14	17.01	17.80
		1	99	17.05	16.96	17.20	17.13	17.09	17.80
		50	0	17.29	17.16	17.28	17.25	17.00	17.80
		50	25	17.26	17.01	17.08	17.00	17.12	17.80
		50	50	16.93	17.14	17.07	17.20	17.04	17.80
		100	0	17.17	17.09	17.31	16.90	17.05	17.80



LTE Band 66 Full power(state3)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	22.98	23.00	23.41	24.80
		1	2	22.87	22.91	23.22	24.80
		1	5	23.57	23.69	24.10	24.80
		3	0	22.81	22.98	23.34	24.80
		3	2	22.99	22.98	23.40	24.80
		3	3	23.12	23.15	23.41	24.80
		6	0	22.08	22.02	22.47	23.80
	16QAM	1	0	22.17	22.53	22.96	23.80
		1	2	22.36	22.58	22.83	23.80
		1	5	23.02	23.39	23.59	23.80
		3	0	21.89	22.18	22.31	23.80
		3	2	22.04	22.15	22.36	23.80
		3	3	22.01	22.13	22.58	23.80
		6	0	21.32	21.25	21.35	22.80
	64QAM	1	0	21.30	21.24	21.24	22.80
		1	2	21.28	21.24	21.23	22.80
		1	5	21.27	21.29	21.22	22.80
		3	0	21.21	21.27	21.23	22.80
		3	2	21.25	21.29	21.25	22.80
		3	3	21.23	21.27	21.23	22.80
		6	0	20.22	20.27	20.20	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.06	23.15	23.47	24.80
		1	7	22.97	22.97	23.35	24.80
		1	14	23.76	23.79	24.09	24.80
		8	0	21.96	22.04	22.42	23.80
		8	4	22.07	22.15	22.42	23.80
		8	7	22.07	22.19	22.65	23.80
		15	0	22.13	22.10	22.56	23.80
	16QAM	1	0	22.37	22.51	22.97	23.80
		1	7	22.43	22.65	22.93	23.80
		1	14	23.15	23.47	23.75	23.80
		8	0	20.93	21.17	21.31	22.80
		8	4	21.09	21.20	21.51	22.80
		8	7	21.05	21.20	21.65	22.80
		15	0	21.14	21.06	21.49	22.80
	64QAM	1	0	21.29	21.20	21.21	22.80
		1	7	21.22	21.26	21.26	22.80
		1	14	21.27	21.21	21.27	22.80
		8	0	20.20	20.20	20.24	21.80
		8	4	20.22	20.23	20.29	21.80
		8	7	20.26	20.23	20.24	21.80
		15	0	20.20	20.26	20.21	21.80



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.08	23.19	23.60	24.80
		1	13	23.02	23.10	23.39	24.80
		1	24	23.72	23.85	24.15	24.80
		12	0	22.09	22.19	22.42	23.80
		12	6	22.18	22.16	22.47	23.80
		12	13	22.16	22.24	22.71	23.80
		25	0	22.22	22.19	22.57	23.80
	16QAM	1	0	22.44	22.71	23.02	23.80
		1	13	22.47	22.78	23.04	23.80
		1	24	23.15	23.60	23.72	23.80
		12	0	20.99	21.26	21.38	22.80
		12	6	21.12	21.27	21.50	22.80
		12	13	21.21	21.34	21.67	22.80
		25	0	21.20	21.17	21.57	22.80
	64QAM	1	0	21.21	21.23	21.23	22.80
		1	13	21.22	21.20	21.29	22.80
		1	24	21.23	21.30	21.29	22.80
		12	0	20.30	20.28	20.22	21.80
		12	6	20.30	20.30	20.21	21.80
		12	13	20.30	20.23	20.30	21.80
		25	0	20.29	20.21	20.22	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	23.12	23.31	23.67	24.80
		1	25	23.18	23.16	23.51	24.80
		1	49	23.83	23.92	24.26	24.80
		25	0	22.08	22.28	22.55	23.80
		25	13	22.23	22.24	22.60	23.80
		25	25	22.25	22.37	22.71	23.80
		50	0	22.24	22.24	22.70	23.80
	16QAM	1	0	22.47	22.74	23.09	23.80
		1	25	22.53	22.82	23.04	23.80
		1	49	23.06	23.01	23.22	23.80
		25	0	21.08	21.33	21.48	22.80
		25	13	21.18	21.37	21.65	22.80
		25	25	21.25	21.39	21.77	22.80
		50	0	21.26	21.32	21.63	22.80
	64QAM	1	0	21.24	21.29	21.24	22.80
		1	25	21.28	21.27	21.25	22.80
		1	49	21.21	21.22	21.21	22.80
		25	0	20.23	20.26	20.20	21.80
		25	13	20.20	20.28	20.27	21.80
		25	25	20.20	20.24	20.28	21.80
		50	0	20.20	20.22	20.27	21.80



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.21	23.39	23.75	24.80
		1	74	23.92	23.98	24.34	24.80
		36	0	22.19	22.32	22.66	23.80
		36	18	22.33	22.33	22.71	23.80
		36	39	22.37	22.49	22.78	23.80
		75	0	22.33	22.32	22.77	23.80
	16QAM	1	0	22.57	22.78	23.19	23.80
		1	38	22.63	22.92	23.11	23.80
		1	74	23.02	23.14	23.08	23.80
		36	0	21.16	21.43	21.60	22.80
		36	18	21.27	21.40	21.68	22.80
		36	39	21.32	21.51	21.86	22.80
	64QAM	75	0	21.31	21.36	21.68	22.80
		1	0	21.22	21.25	21.28	22.80
		1	38	21.30	21.23	21.30	22.80
		1	74	21.20	21.30	21.30	22.80
		36	0	20.29	20.22	20.27	21.80
		36	18	20.28	20.20	20.28	21.80
		36	39	20.23	20.24	20.25	21.80
		75	0	20.30	20.28	20.20	21.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20MHz	QPSK	1	0	23.31	23.45	23.80	24.80
		1	50	23.34	23.35	23.65	24.80
		1	99	24.00	24.09	24.43	24.80
		50	0	22.28	22.40	22.71	23.80
		50	25	22.41	22.42	22.76	23.80
		50	50	22.44	22.56	22.87	23.80
		100	0	22.42	22.42	22.84	23.80
	16QAM	1	0	22.67	22.89	22.96	23.80
		1	50	22.72	22.98	23.01	23.80
		1	99	23.01	23.05	22.90	23.80
		50	0	21.24	21.49	21.68	22.80
		50	25	21.36	21.48	21.79	22.80
		50	50	21.41	21.56	21.96	22.80
		100	0	21.42	21.47	21.79	22.80
	64QAM	1	0	21.24	21.29	21.22	22.80
		1	50	21.22	21.27	21.21	22.80
		1	99	21.25	21.21	21.22	22.80
		50	0	20.21	20.30	20.25	21.80
		50	25	20.24	20.25	20.20	21.80
		50	50	20.21	20.28	20.22	21.80
		100	0	20.29	20.24	20.25	21.80



LTE Band 66 sensor on(state2: 3-6mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	21.38	21.18	21.57	22.80
		1	2	21.40	21.51	21.60	22.80
		1	5	21.59	21.66	21.60	22.80
		3	0	21.41	21.37	21.47	22.80
		3	2	21.31	21.50	21.21	22.80
		3	3	21.26	21.27	21.21	22.80
		6	0	21.56	21.18	21.21	22.80
	16QAM	1	0	21.64	21.30	21.64	22.80
		1	2	21.73	21.65	21.70	22.80
		1	5	21.29	21.35	21.65	22.80
		3	0	21.50	21.45	21.49	22.80
		3	2	21.38	21.20	21.29	22.80
		3	3	21.65	21.36	21.36	22.80
		6	0	20.65	20.59	20.66	21.80
	64QAM	1	0	20.39	20.63	20.48	21.80
		1	2	20.48	20.62	20.48	21.80
		1	5	20.63	20.29	20.22	21.80
		3	0	20.52	20.28	20.73	21.80
		3	2	20.44	20.70	20.61	21.80
		3	3	20.35	20.30	20.50	21.80
		6	0	19.35	19.33	19.30	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	21.62	21.24	21.33	22.80
		1	7	21.53	21.49	21.70	22.80
		1	14	21.40	21.62	21.43	22.80
		8	0	21.56	21.78	21.30	22.80
		8	4	21.26	21.29	21.64	22.80
		8	7	21.71	21.80	21.55	22.80
		15	0	21.82	21.56	21.31	22.80
	16QAM	1	0	21.57	21.27	21.73	22.80
		1	7	21.26	21.32	21.48	22.80
		1	14	21.47	21.28	21.73	22.80
		8	0	20.56	20.31	20.53	21.80
		8	4	20.24	20.53	20.66	21.80
		8	7	20.79	20.32	20.55	21.80
		15	0	20.32	20.70	20.73	21.80
	64QAM	1	0	20.56	20.34	20.79	21.80
		1	7	20.68	20.34	20.64	21.80
		1	14	20.77	20.69	20.31	21.80
		8	0	19.35	19.43	19.35	20.80
		8	4	19.79	19.59	19.28	20.80
		8	7	19.48	19.74	19.41	20.80
		15	0	19.77	19.69	19.80	20.80



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	21.34	21.23	21.37	22.80
		1	13	21.35	21.66	21.55	22.80
		1	24	21.68	21.78	21.26	22.80
		12	0	21.76	21.44	21.39	22.80
		12	6	21.73	21.16	21.41	22.80
		12	13	21.38	21.76	21.67	22.80
		25	0	21.40	21.34	21.30	22.80
	16QAM	1	0	21.57	21.23	21.59	22.80
		1	13	21.52	21.48	21.18	22.80
		1	24	21.45	21.58	21.47	22.80
		12	0	20.59	20.48	20.63	21.80
		12	6	20.68	20.47	20.77	21.80
		12	13	20.47	20.37	20.42	21.80
		25	0	20.36	20.46	20.66	21.80
	64QAM	1	0	20.37	20.64	20.36	21.80
		1	13	20.73	20.43	20.32	21.80
		1	24	20.42	20.37	20.14	21.80
		12	0	19.70	19.24	19.21	20.80
		12	6	19.63	19.58	19.54	20.80
		12	13	19.59	19.53	19.33	20.80
		25	0	19.47	19.55	19.30	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	21.64	21.38	21.45	22.80
		1	25	21.76	21.45	21.80	22.80
		1	49	21.74	21.63	21.25	22.80
		25	0	21.62	21.55	21.71	22.80
		25	13	21.30	21.42	21.50	22.80
		25	25	21.28	21.75	21.43	22.80
		50	0	21.28	21.30	21.56	22.80
	16QAM	1	0	21.66	21.79	21.56	22.80
		1	25	21.66	21.49	21.48	22.80
		1	49	21.25	21.74	21.71	22.80
		25	0	20.69	20.59	20.36	21.80
		25	13	20.53	20.45	20.41	21.80
		25	25	20.60	20.32	20.73	21.80
		50	0	20.66	20.80	20.40	21.80
	64QAM	1	0	20.42	20.27	20.41	21.80
		1	25	20.79	20.29	20.30	21.80
		1	49	20.58	20.81	20.66	21.80
		25	0	19.56	19.60	19.78	20.80
		25	13	19.76	19.72	19.46	20.80
		25	25	19.48	19.49	19.82	20.80
		50	0	19.30	19.52	19.65	20.80



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	21.69	21.63	21.29	22.80
		1	74	21.52	21.61	21.46	22.80
		36	0	21.19	21.72	21.54	22.80
		36	18	21.68	21.31	21.57	22.80
		36	39	21.25	21.52	21.60	22.80
		75	0	21.64	21.46	21.16	22.80
	16QAM	1	0	21.37	21.77	21.56	22.80
		1	38	21.31	21.73	21.25	22.80
		1	74	21.33	21.29	21.37	22.80
		36	0	20.73	20.37	20.23	21.80
		36	18	20.60	20.33	20.30	21.80
		36	39	20.29	20.24	20.50	21.80
		75	0	20.72	20.38	20.14	21.80
	64QAM	1	0	20.62	20.63	20.56	21.80
		1	38	20.19	20.23	20.21	21.80
		1	74	20.51	20.38	20.18	21.80
		36	0	19.64	19.63	19.25	20.80
		36	18	19.65	19.53	19.41	20.80
		36	39	19.60	19.24	19.64	20.80
		75	0	19.60	19.37	19.35	20.80
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				132072	132322	132572	
20MHz	QPSK	1	0	21.64	21.63	21.46	22.80
		1	50	21.78	21.53	21.32	22.80
		1	99	21.25	21.56	21.85	22.80
		50	0	21.25	21.35	21.44	22.80
		50	25	21.53	21.76	21.71	22.80
		50	50	21.32	21.27	21.44	22.80
		100	0	21.32	21.26	21.73	22.80
	16QAM	1	0	21.50	21.24	21.51	22.80
		1	50	21.62	21.47	21.44	22.80
		1	99	21.25	21.83	21.48	22.80
		50	0	20.59	20.81	20.51	21.80
		50	25	20.77	20.28	20.27	21.80
		50	50	20.81	20.79	20.42	21.80
		100	0	20.32	20.75	20.76	21.80
	64QAM	1	0	20.47	20.76	20.65	21.80
		1	50	20.63	20.34	20.49	21.80
		1	99	20.60	20.72	20.53	21.80
		50	0	19.56	19.56	19.43	20.80
		50	25	19.37	19.63	19.53	20.80
		50	50	19.57	19.74	19.28	20.80
		100	0	19.27	19.83	19.38	20.80



LTE Band 66 sensor on(state1: 0-3mm)				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	19.55	19.38	19.52	20.80
		1	2	19.17	19.60	19.25	20.80
		1	5	19.26	19.46	19.69	20.80
		3	0	19.40	19.15	19.42	20.80
		3	2	19.18	19.54	19.41	20.80
		3	3	19.39	19.70	19.40	20.80
		6	0	19.36	19.28	19.50	20.80
	16QAM	1	0	19.49	19.33	19.32	20.80
		1	2	19.25	19.38	19.46	20.80
		1	5	19.35	19.47	19.27	20.80
		3	0	19.26	19.64	19.27	20.80
		3	2	19.57	19.57	19.37	20.80
		3	3	19.18	19.35	19.18	20.80
		6	0	19.54	19.58	19.68	20.80
	64QAM	1	0	19.54	19.49	19.41	20.80
		1	2	19.27	19.32	19.23	20.80
		1	5	19.51	19.52	19.24	20.80
		3	0	19.55	19.53	19.28	20.80
		3	2	19.53	19.26	19.52	20.80
		3	3	19.42	19.58	19.14	20.80
		6	0	19.62	19.53	19.35	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	19.64	19.51	19.68	20.80
		1	7	19.20	19.35	19.65	20.80
		1	14	19.25	19.39	19.39	20.80
		8	0	19.40	19.45	19.15	20.80
		8	4	19.72	19.68	19.28	20.80
		8	7	19.27	19.38	19.56	20.80
		15	0	19.32	19.37	19.48	20.80
	16QAM	1	0	19.60	19.51	19.49	20.80
		1	7	19.42	19.36	19.36	20.80
		1	14	19.15	19.20	19.38	20.80
		8	0	19.73	19.21	19.15	20.80
		8	4	19.72	19.20	19.45	20.80
		8	7	19.71	19.58	19.49	20.80
		15	0	19.72	19.45	19.52	20.80
	64QAM	1	0	19.55	19.22	19.25	20.80
		1	7	19.72	19.41	19.43	20.80
		1	14	19.21	19.51	19.30	20.80
		8	0	19.36	19.37	19.53	20.80
		8	4	19.30	19.37	19.54	20.80
		8	7	19.33	19.46	19.42	20.80
		15	0	19.69	19.15	19.32	20.80



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				131997	132322	132647		
5MHz	QPSK	1	0	19.41	19.32	19.25	20.80	
		1	13	19.44	19.15	19.20	20.80	
		1	24	19.51	19.55	19.20	20.80	
		12	0	19.71	19.68	19.51	20.80	
		12	6	19.32	19.56	19.68	20.80	
		12	13	19.68	19.43	19.60	20.80	
	16QAM	25	0	19.24	19.41	19.23	20.80	
		1	0	19.64	19.14	19.22	20.80	
		1	13	19.52	19.61	19.49	20.80	
		1	24	19.34	19.17	19.41	20.80	
		12	0	19.50	19.66	19.68	20.80	
		12	6	19.54	19.15	19.28	20.80	
	64QAM	12	13	19.47	19.38	19.32	20.80	
		25	0	19.35	19.14	19.27	20.80	
		1	0	19.38	19.36	19.58	20.80	
		1	13	19.55	19.23	19.59	20.80	
		1	24	19.24	19.15	19.42	20.80	
		12	0	19.58	19.43	19.55	20.80	
	10MHz	QPSK	12	6	19.19	19.60	19.44	20.80
			12	13	19.54	19.23	19.37	20.80
			25	0	19.45	19.21	19.60	20.80
1			0	19.61	19.64	19.72	20.80	
1			25	19.57	19.17	19.57	20.80	
1			49	19.31	19.32	19.16	20.80	
16QAM		25	0	19.35	19.36	19.57	20.80	
		25	13	19.52	19.19	19.64	20.80	
		25	25	19.33	19.73	19.47	20.80	
		50	0	19.39	19.15	19.19	20.80	
		1	0	19.57	19.72	19.15	20.80	
		1	25	19.66	19.49	19.14	20.80	
64QAM		1	49	19.28	19.26	19.71	20.80	
		25	0	19.36	19.58	19.52	20.80	
		25	13	19.41	19.20	19.65	20.80	
		25	25	19.35	19.62	19.45	20.80	
		50	0	19.60	19.14	19.71	20.80	
		1	0	19.32	19.70	19.29	20.80	
16QAM		1	25	19.51	19.44	19.29	20.80	
		1	49	19.14	19.59	19.26	20.80	
		25	0	19.25	19.66	19.34	20.80	
	25	13	19.63	19.16	19.55	20.80		
	25	25	19.65	19.42	19.53	20.80		
	50	0	19.43	19.53	19.22	20.80		



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132047	132322	132597		
15MHz	QPSK	1	0	19.57	19.32	19.64	20.80	
		1	74	19.43	19.42	19.43	20.80	
		36	0	19.55	19.40	19.41	20.80	
		36	18	19.25	19.63	19.71	20.80	
		36	39	19.17	19.38	19.23	20.80	
		75	0	19.35	19.52	19.57	20.80	
	16QAM	1	0	19.64	19.38	19.50	20.80	
		1	38	19.53	19.54	19.25	20.80	
		1	74	19.29	19.44	19.17	20.80	
		36	0	19.16	19.55	19.35	20.80	
		36	18	19.57	19.62	19.20	20.80	
		36	39	19.46	19.30	19.26	20.80	
	64QAM	75	0	19.71	19.30	19.50	20.80	
		1	0	19.33	19.68	19.26	20.80	
		1	38	19.30	19.24	19.54	20.80	
		1	74	19.54	19.50	19.30	20.80	
		36	0	19.21	19.57	19.30	20.80	
		36	18	19.61	19.54	19.25	20.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					132072	132322	132572	
	20MHz	QPSK	36	39	19.45	19.51	19.57	20.80
75			0	19.41	19.42	19.55	20.80	
1			0	19.54	19.29	19.74	20.80	
1			50	19.56	19.64	19.50	20.80	
1			99	19.48	19.78	19.80	20.80	
50			0	19.77	19.71	19.47	20.80	
50			25	19.32	19.45	19.73	20.80	
16QAM		50	50	19.68	19.25	19.31	20.80	
		100	0	19.49	19.47	19.72	20.80	
		1	0	19.57	19.49	19.77	20.80	
		1	50	19.71	19.47	19.38	20.80	
		1	99	19.51	19.24	19.74	20.80	
		50	0	19.77	19.74	19.34	20.80	
		50	25	19.53	19.27	19.78	20.80	
64QAM		50	50	19.62	19.33	19.78	20.80	
		100	0	19.72	19.28	19.41	20.80	
		1	0	19.24	19.47	19.78	20.80	
		1	50	19.54	19.72	19.29	20.80	
		1	99	19.72	19.43	19.38	20.80	
		50	0	19.54	19.29	19.57	20.80	
		50	25	19.30	19.36	19.38	20.80	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				132072	132322	132572		
				100	50	50		
50	50	19.40	19.61	19.30	20.80			
100	0	19.42	19.59	19.32	20.80			



LTE Band 71				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				133147	133297	133447		
5MHz	QPSK	1	0	23.42	23.39	23.45	25.30	
		1	13	24.51	24.28	24.27	25.30	
		1	24	24.33	24.10	24.10	25.30	
		12	0	23.15	23.09	23.01	24.30	
		12	6	23.52	23.47	23.29	24.30	
		12	13	23.40	23.33	23.20	24.30	
	16QAM	25	0	23.41	23.23	23.09	24.30	
		1	0	22.84	22.91	22.93	24.30	
		1	13	24.07	23.86	23.61	24.30	
		1	24	23.95	23.45	23.43	24.30	
		12	0	22.27	22.08	22.06	23.30	
		12	6	22.55	22.44	22.32	23.30	
	64QAM	12	13	22.40	22.29	22.24	23.30	
		25	0	22.43	22.26	22.07	23.30	
		1	0	22.03	22.02	21.97	23.30	
		1	13	22.02	22.05	22.05	23.30	
		1	24	21.95	21.97	21.95	23.30	
		12	0	20.98	21.05	21.04	22.30	
	10MHz	QPSK	12	6	21.00	21.02	20.97	22.30
			12	13	20.95	20.99	20.98	22.30
			25	0	21.04	20.97	20.99	22.30
1			0	23.50	23.51	23.60	25.30	
1			25	24.64	24.38	24.42	25.30	
1			49	24.40	24.23	24.18	25.30	
16QAM		25	0	23.30	23.11	23.09	24.30	
		25	13	23.59	23.50	23.44	24.30	
		25	25	23.53	23.34	23.23	24.30	
		50	0	23.49	23.33	23.20	24.30	
		1	0	22.97	22.99	22.97	24.30	
		1	25	24.21	23.89	23.63	24.30	
64QAM		1	49	24.02	23.57	23.56	24.30	
		25	0	22.28	22.18	22.14	23.30	
		25	13	22.71	22.48	22.39	23.30	
		25	25	22.47	22.40	22.26	23.30	
		50	0	22.51	22.38	22.19	23.30	
		1	0	22.05	21.95	21.97	23.30	
16QAM	1	25	22.02	22.05	22.02	23.30		
	1	49	22.00	21.95	21.99	23.30		
	25	0	21.03	20.96	20.99	22.30		
	25	13	21.04	21.04	21.04	22.30		
	25	25	21.04	21.01	20.95	22.30		
	50	0	21.01	20.95	21.00	22.30		



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				133197	133297	133397	
15MHz	QPSK	1	0	23.58	23.62	23.63	25.30
		1	38	24.68	24.50	24.50	25.30
		1	74	24.45	24.28	24.27	25.30
		36	0	23.36	23.24	23.18	24.30
		36	18	23.67	23.59	23.47	24.30
		36	39	23.56	23.45	23.37	24.30
		75	0	23.55	23.48	23.25	24.30
	16QAM	1	0	23.06	23.08	23.05	24.30
		1	38	24.23	24.01	23.73	24.30
		1	74	24.09	23.67	23.65	24.30
		36	0	22.37	22.27	22.15	23.30
		36	18	22.73	22.55	22.48	23.30
		36	39	22.59	22.46	22.32	23.30
		75	0	22.61	22.40	22.30	23.30
	64QAM	1	0	21.99	22.01	21.95	23.30
		1	38	22.02	21.97	22.05	23.30
		1	74	22.00	22.03	22.03	23.30
		36	0	20.97	21.02	20.97	22.30
		36	18	21.04	20.97	21.02	22.30
		36	39	21.03	21.05	21.02	22.30
		75	0	21.03	20.98	21.04	22.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	QPSK	1	0	23.67	23.67	23.73	25.30
		1	50	24.76	24.76	24.57	25.30
		1	99	24.53	24.35	24.34	25.30
		50	0	23.42	23.30	23.26	24.30
		50	25	23.77	23.78	23.58	24.30
		50	50	23.66	23.51	23.42	24.30
		100	0	23.66	23.53	23.34	24.30
	16QAM	1	0	23.15	23.16	23.15	24.30
		1	50	23.89	23.95	23.80	24.30
		1	99	24.18	23.75	23.70	24.30
		50	0	22.43	22.32	22.26	23.30
		50	25	22.82	22.66	22.57	23.30
		50	50	22.67	22.56	22.43	23.30
		100	0	22.66	22.49	22.36	23.30
	64QAM	1	0	22.05	22.05	21.96	23.30
		1	50	21.97	21.98	21.98	23.30
		1	99	22.01	21.99	22.00	23.30
		50	0	20.99	20.96	21.05	22.30
		50	25	21.03	20.95	20.97	22.30
		50	50	21.03	20.98	20.98	22.30
		100	0	21.04	21.05	20.99	22.30

Table 4 : Conducted Power of LTE

2 Conducted Power of Downlink CA

2.1.1 Downlink LTE CA Conducted Power of Main Antenna

Full power(state3)														
DL LTE CA Class	PCC							SCC1				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_2C	Band 2	20M	QPSK	1860	18700	1	99	Band 2	20M	1959.8	898	23.91	23.94	24.80
CA_41C(Class 3)	Band 41	20M	QPSK	2506	39750	1	0	Band 41	20M	2525.8	39948	23.61	23.66	24.80
CA_41C(Class 2)	Band 41	20M	QPSK	2680	41490	1	99	Band 41	20M	2660.2	41292	26.11	26.13	26.80
CA_66C	Band 66	20M	QPSK	1770	132572	1	99	Band 66	20M	2150.2	66838	24.41	24.43	24.80
CA_66B	Band 66	20M	QPSK	1770	132572	1	99	Band 66	10M	2177.2	67108	24.38	24.43	24.80
CA_2A-2A	Band 2	20M	QPSK	1860	18700	1	99	Band 2	20M	1980	1100	23.90	23.94	24.80
CA_4A-4A	Band 4	20M	QPSK	1745	20300	1	99	Band 4	20M	2120	2050	23.47	23.52	24.80
CA_25A-25A	Band 25	20M	QPSK	1860	26140	1	0	Band 25	20M	1985	8590	23.77	23.78	24.80
CA_41A-41A(Class 3)	Band 41	20M	QPSK	2506	39750	1	0	Band 41	20M	2680	41490	23.64	23.66	24.80
CA_41A-41A(Class 2)	Band 41	20M	QPSK	2680	41490	1	99	Band 41	20M	2506	39750	26.08	26.13	26.80
CA_66A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 66	20M	2120	66536	24.36	24.43	24.80
CA_4A-12A	Band 4	20M	QPSK	1745	20300	1	99	Band 12	10M	737.5	5095	23.51	23.52	24.80
CA_4A-12A	Band 12	10M	QPSK	704	20360	1	99	Band 4	20M	2132.5	2175	24.55	24.61	25.30
CA_4A-5A	Band 4	20M	QPSK	1745	20300	1	99	Band 5	10M	881.5	2525	23.50	23.52	24.80
CA_4A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 4	20M	2132.5	2175	24.69	24.72	25.30
CA_4A-13A	Band 4	20M	QPSK	1745	20300	1	99	Band 13	10M	751	5230	23.50	23.52	24.80
CA_4A-13A	Band 13	10M	QPSK	782	23230	1	25	Band 4	20M	2132.5	2175	23.62	23.64	24.80
CA_4A-71A	Band 4	20M	QPSK	1745	20300	1	99	Band 71	20M	637	68786	23.48	23.52	24.80
CA_4A-71A	Band 71	20M	QPSK	683	133222	1	50	Band 4	20M	2132.5	2175	24.71	24.76	25.30
CA_2A-4A	Band 2	20M	QPSK	1860	18700	1	99	Band 4	20M	2132.5	2175	23.91	23.94	24.80
CA_2A-4A	Band 4	20M	QPSK	1745	20300	1	99	Band 2	20M	1960	900	23.49	23.52	24.80
CA_2A-12A	Band 2	20M	QPSK	1860	18700	1	99	Band 12	10M	737.5	5095	23.87	23.94	24.80
CA_2A-12A	Band 12	10M	QPSK	704	20360	1	99	Band 2	20M	1960	900	24.56	24.61	25.30
CA_2A-5A	Band 2	20M	QPSK	1860	18700	1	99	Band 5	10M	881.5	2525	23.88	23.94	24.80
CA_2A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 2	20M	1960	900	24.70	24.72	25.30
CA_2A-66A	Band 2	20M	QPSK	1860	18700	1	99	Band 66	20M	2145	66786	23.83	23.94	24.80
CA_2A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 2	20M	1960	900	24.35	24.43	24.80
CA_2A-71A	Band 2	20M	QPSK	1860	18700	1	99	Band 71	20M	637	68786	23.84	23.94	24.80
CA_2A-71A	Band 71	20M	QPSK	683	133222	1	50	Band 2	20M	1960	900	24.68	24.76	25.30
CA_12A-66A	Band 12	10M	QPSK	704	20360	1	99	Band 66	20M	2145	66786	24.53	24.61	25.30
CA_12A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 12	10M	737.5	5095	24.32	24.43	24.80
CA_5A-66A	Band 5	10M	QPSK	844	20600	1	25	Band 66	20M	2145	66786	24.64	24.72	25.30
CA_5A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 5	10M	881.5	2525	24.31	24.43	24.80
CA_66A-71A	Band 66	20M	QPSK	1770	132572	1	99	Band 71	20M	637	68786	24.33	24.43	24.80
CA_66A-71A	Band 71	20M	QPSK	683	133222	1	50	Band 66	20M	2145	66786	24.66	24.76	25.30
CA_13A-66A	Band 13	10M	QPSK	782	23230	1	25	Band 66	20M	2145	66786	23.60	23.64	24.80
CA_13A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 13	10M	751	5230	24.37	24.43	24.80
CA_25A-26A	Band 25	20M	QPSK	1860	26140	1	0	Band 26	15M	876.5	8865	23.71	23.78	24.80
CA_25A-26A	Band 26	15M	QPSK	822.5	26775	1	74	Band 25	20M	1962.5	8365	24.51	24.56	25.30
CA_25A-41A(Class 3)	Band 25	20M	QPSK	1860	26140	1	0	Band 41	20M	2593	40620	23.77	23.78	24.80
CA_25A-41A(Class 3)	Band 41	20M	QPSK	2506	39750	1	0	Band 25	20M	1962.5	8365	23.62	23.66	24.80
CA_25A-41A(Class 2)	Band 25	20M	QPSK	1860	26140	1	0	Band 41	20M	2593	40620	23.77	23.78	24.80
CA_25A-41A(Class 2)	Band 41	20M	QPSK	2680	41490	1	99	Band 25	20M	1962.5	8365	26.09	26.13	26.80



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

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sensor on(state2: 3-6mm)														
DL LTE CA Class	PCC							SCC1				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_2C	Band 2	20M	QPSK	1860	18700	1	99	Band 2	20M	1959.8	898	21.88	21.92	22.80
CA_41C(Class 3)	Band 41	20M	QPSK	2506	39750	1	0	Band 41	20M	2525.8	39948	19.90	19.94	20.80
CA_41C(Class 2)	Band 41	20M	QPSK	2680	41490	1	0	Band 41	20M	2660.2	41292	19.44	19.47	19.80
CA_66C	Band 66	20M	QPSK	1770	132572	1	99	Band 66	20M	2150.2	66838	21.82	21.85	22.80
CA_66B	Band 66	20M	QPSK	1770	132572	1	99	Band 66	10M	2177.2	67108	21.79	21.85	22.80
CA_2A-2A	Band 2	20M	QPSK	1860	18700	1	99	Band 2	20M	1980	1100	21.89	21.92	22.80
CA_4A-4A	Band 4	20M	QPSK	1745	20300	1	99	Band 4	20M	2120	2050	22.05	22.08	22.80
CA_25A-25A	Band 25	20M	QPSK	1860	26140	1	0	Band 25	20M	1985	8590	21.90	21.95	22.80
CA_41A-41A(Class 3)	Band 41	20M	QPSK	2506	39750	1	0	Band 41	20M	2680	41490	19.91	19.94	20.80
CA_41A-41A(Class 2)	Band 41	20M	QPSK	2680	41490	1	0	Band 41	20M	2506	39750	19.42	19.47	19.80
CA_66A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 66	20M	2120	66536	21.81	21.85	22.80
CA_4A-12A	Band 4	20M	QPSK	1745	20300	1	99	Band 12	10M	737.5	5095	22.03	22.08	22.80
CA_4A-12A	Band 12	10M	QPSK	704	20360	1	99	Band 4	20M	2132.5	2175	24.55	24.61	25.30
CA_4A-5A	Band 4	20M	QPSK	1745	20300	1	99	Band 5	10M	881.5	2525	22.07	22.08	22.80
CA_4A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 4	20M	2132.5	2175	24.69	24.72	25.30
CA_4A-13A	Band 4	20M	QPSK	1745	20300	1	99	Band 13	10M	751	5230	22.05	22.08	22.80
CA_4A-13A	Band 13	10M	QPSK	782	23230	1	25	Band 4	20M	2132.5	2175	23.62	23.64	24.80
CA_4A-71A	Band 4	20M	QPSK	1745	20300	1	99	Band 71	20M	637	68786	22.01	22.08	22.80
CA_4A-71A	Band 71	20M	QPSK	683	133222	1	50	Band 4	20M	2132.5	2175	24.71	24.76	25.30
CA_2A-4A	Band 2	20M	QPSK	1860	18700	1	99	Band 4	20M	2132.5	2175	21.90	21.92	22.80
CA_2A-4A	Band 4	20M	QPSK	1745	20300	1	99	Band 2	20M	1960	900	22.05	22.08	22.80
CA_2A-12A	Band 2	20M	QPSK	1860	18700	1	99	Band 12	10M	737.5	5095	21.86	21.92	22.80
CA_2A-12A	Band 12	10M	QPSK	704	20360	1	99	Band 2	20M	1960	900	24.56	24.61	25.30
CA_2A-5A	Band 2	20M	QPSK	1860	18700	1	99	Band 5	10M	881.5	2525	21.86	21.92	22.80
CA_2A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 2	20M	1960	900	24.70	24.72	25.30
CA_2A-66A	Band 2	20M	QPSK	1860	18700	1	99	Band 66	20M	2145	66786	21.81	21.92	22.80
CA_2A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 2	20M	1960	900	21.80	21.85	22.80
CA_2A-71A	Band 2	20M	QPSK	1860	18700	1	99	Band 71	20M	637	68786	21.81	21.92	22.80
CA_2A-71A	Band 71	20M	QPSK	683	133222	1	50	Band 2	20M	1960	900	24.68	24.76	25.30
CA_12A-66A	Band 12	10M	QPSK	704	20360	1	99	Band 66	20M	2145	66786	24.53	24.61	25.30
CA_12A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 12	10M	737.5	5095	21.76	21.85	22.80
CA_5A-66A	Band 5	10M	QPSK	844	20600	1	25	Band 66	20M	2145	66786	24.64	24.72	25.30
CA_5A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 5	10M	881.5	2525	21.75	21.85	22.80
CA_66A-71A	Band 66	20M	QPSK	1770	132572	1	99	Band 71	20M	637	68786	21.71	21.85	22.80
CA_66A-71A	Band 71	20M	QPSK	683	133222	1	50	Band 66	20M	2145	66786	24.66	24.76	25.30
CA_13A-66A	Band 13	10M	QPSK	782	23230	1	25	Band 66	20M	2145	66786	23.60	23.64	24.80
CA_13A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 13	10M	751	5230	21.78	21.85	22.80
CA_25A-26A	Band 25	20M	QPSK	1860	26140	1	0	Band 26	15M	876.5	8865	21.89	21.95	22.80
CA_25A-26A	Band 26	15M	QPSK	822.5	26775	1	74	Band 25	20M	1962.5	8365	24.51	24.56	25.30
CA_25A-41A(Class 3)	Band 25	20M	QPSK	1860	26140	1	0	Band 41	20M	2593	40620	21.91	21.95	22.80
CA_25A-41A(Class 3)	Band 41	20M	QPSK	2506	39750	1	0	Band 25	20M	1962.5	8365	19.88	19.94	20.80
CA_25A-41A(Class 2)	Band 25	20M	QPSK	1860	26140	1	0	Band 41	20M	2593	40620	21.91	21.95	22.80
CA_25A-41A(Class 2)	Band 41	20M	QPSK	2680	41490	1	0	Band 25	20M	1962.5	8365	19.41	19.47	19.80



sensor on(state1: 0-3mm)														
DL LTE CA Class	PCC							SCC1				Power(dBm)		
	LTE Band	BW (MHz)	Modulation	UL Freq. (MHz)	UL Channel	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_2C	Band 2	20M	QPSK	1860	18700	1	99	Band 2	20M	1959.8	898	19.89	19.93	20.80
CA_41C(Class 3)	Band 41	20M	QPSK	2506	39750	1	0	Band 41	20M	2525.8	39948	17.89	17.91	18.80
CA_41C(Class 2)	Band 41	20M	QPSK	2680	41490	1	0	Band 41	20M	2660.2	41292	17.33	17.39	17.80
CA_66C	Band 66	20M	QPSK	1770	132572	1	99	Band 66	20M	2150.2	66838	19.77	19.80	20.80
CA_66B	Band 66	20M	QPSK	1770	132572	1	99	Band 66	10M	2177.2	67108	19.75	19.80	20.80
CA_2A-2A	Band 2	20M	QPSK	1860	18700	1	99	Band 2	20M	1980	1100	19.85	19.93	20.80
CA_4A-4A	Band 4	20M	QPSK	1745	20300	1	0	Band 4	20M	2120	2050	20.11	20.15	20.80
CA_25A-25A	Band 25	20M	QPSK	1860	26140	1	0	Band 25	20M	1985	8590	19.77	19.80	20.80
CA_41A-41A(Class 3)	Band 41	20M	QPSK	2506	39750	1	0	Band 41	20M	2680	41490	17.85	17.91	18.80
CA_41A-41A(Class 2)	Band 41	20M	QPSK	2680	41490	1	0	Band 41	20M	2506	39750	17.34	17.39	17.80
CA_66A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 66	20M	2120	66536	19.76	19.80	20.80
CA_4A-12A	Band 4	20M	QPSK	1745	20300	1	0	Band 12	10M	737.5	5095	20.10	20.15	20.80
CA_4A-12A	Band 12	10M	QPSK	704	20360	1	99	Band 4	20M	2132.5	2175	24.55	24.61	25.30
CA_4A-5A	Band 4	20M	QPSK	1745	20300	1	0	Band 5	10M	881.5	2525	20.11	20.15	20.80
CA_4A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 4	20M	2132.5	2175	24.69	24.72	25.30
CA_4A-13A	Band 4	20M	QPSK	1745	20300	1	0	Band 13	10M	751	5230	20.11	20.15	20.80
CA_4A-13A	Band 13	10M	QPSK	782	23230	1	25	Band 4	20M	2132.5	2175	23.62	23.64	24.80
CA_4A-71A	Band 4	20M	QPSK	1745	20300	1	0	Band 71	20M	637	68786	20.13	20.15	20.80
CA_4A-71A	Band 71	20M	QPSK	683	133222	1	50	Band 4	20M	2132.5	2175	24.71	24.76	25.30
CA_2A-4A	Band 2	20M	QPSK	1860	18700	1	99	Band 4	20M	2132.5	2175	19.86	19.93	20.80
CA_2A-4A	Band 4	20M	QPSK	1745	20300	1	0	Band 2	20M	1960	900	20.14	20.15	20.80
CA_2A-12A	Band 2	20M	QPSK	1860	18700	1	99	Band 12	10M	737.5	5095	19.89	19.93	20.80
CA_2A-12A	Band 12	10M	QPSK	704	20360	1	99	Band 2	20M	1960	900	24.56	24.61	25.30
CA_2A-5A	Band 2	20M	QPSK	1860	18700	1	99	Band 5	10M	881.5	2525	19.84	19.93	20.80
CA_2A-5A	Band 5	10M	QPSK	844	20600	1	25	Band 2	20M	1960	900	24.70	24.72	25.30
CA_2A-66A	Band 2	20M	QPSK	1860	18700	1	99	Band 66	20M	2145	66786	19.88	19.93	20.80
CA_2A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 2	20M	1960	900	19.73	19.80	20.80
CA_2A-71A	Band 2	20M	QPSK	1860	18700	1	99	Band 71	20M	637	68786	19.82	19.93	20.80
CA_2A-71A	Band 71	20M	QPSK	683	133222	1	50	Band 2	20M	1960	900	24.68	24.76	25.30
CA_12A-66A	Band 12	10M	QPSK	704	20360	1	99	Band 66	20M	2145	66786	24.53	24.61	25.30
CA_12A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 12	10M	737.5	5095	19.79	19.80	20.80
CA_5A-66A	Band 5	10M	QPSK	844	20600	1	25	Band 66	20M	2145	66786	24.64	24.72	25.30
CA_5A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 5	10M	881.5	2525	19.70	19.80	20.80
CA_66A-71A	Band 66	20M	QPSK	1770	132572	1	99	Band 71	20M	637	68786	19.67	19.80	20.80
CA_66A-71A	Band 71	20M	QPSK	683	133222	1	50	Band 66	20M	2145	66786	24.66	24.76	25.30
CA_13A-66A	Band 13	10M	QPSK	782	23230	1	25	Band 66	20M	2145	66786	23.60	23.64	24.80
CA_13A-66A	Band 66	20M	QPSK	1770	132572	1	99	Band 13	10M	751	5230	19.64	19.80	20.80
CA_25A-26A	Band 25	20M	QPSK	1860	26140	1	0	Band 26	15M	876.5	8865	19.72	19.80	20.80
CA_25A-26A	Band 26	15M	QPSK	822.5	26775	1	74	Band 25	20M	1962.5	8365	24.51	24.56	25.30
CA_25A-41A(Class 3)	Band 25	20M	QPSK	1860	26140	1	0	Band 41	20M	2593	40620	19.71	19.80	20.80
CA_25A-41A(Class 3)	Band 41	20M	QPSK	2506	39750	1	0	Band 25	20M	1962.5	8365	17.87	17.91	18.80
CA_25A-41A(Class 2)	Band 25	20M	QPSK	1860	26140	1	0	Band 41	20M	2593	40620	19.71	19.80	20.80
CA_25A-41A(Class 2)	Band 41	20M	QPSK	2680	41490	1	0	Band 25	20M	1962.5	8365	17.32	17.39	17.80

Table 5 : Conducted Power of Downlink CA



SGS-CSTC Standards Technical Services Co., Ltd.
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3 Conducted Power of WiFi and BT

3.1.1 Conducted Power of WiFi

WiFi 2.4G Receiver on						
Mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11b	1	2412	1	17.00	16.66	Yes
	6	2437		17.00	16.54	Yes
	11	2462		17.00	16.89	Yes
802.11g	1	2412	6	16.00	15.77	No
	6	2437		16.00	15.81	No
	11	2462		16.00	14.85	No
802.11n HT20 SISO	1	2412	6.5	15.00	14.36	No
	6	2437		15.00	14.39	No
	11	2462		15.00	14.37	No
802.11n HT40 SISO	3	2422	13.5	14.00	13.75	No
	6	2437		14.00	13.78	No
	9	2452		14.00	13.74	No

WiFi 2.4G Receiver off						
Mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11b	1	2412	1	18.00	17.91	Yes
	6	2437		18.00	17.84	Yes
	11	2462		18.00	17.80	Yes
802.11g	1	2412	6	17.00	16.93	No
	6	2437		17.00	16.91	No
	11	2462		17.00	16.93	No
802.11n HT20 SISO	1	2412	6.5	16.00	15.32	No
	6	2437		16.00	15.45	No
	11	2462		16.00	14.51	No
802.11n HT40 SISO	3	2422	13.5	15.00	13.81	No
	6	2437		15.00	13.82	No
	9	2452		15.00	13.78	No



WiFi 2.4G Receiver on+ WWAN/ WiFi 2.4G Receiver off+ WWAN						
Mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11b	1	2412	1	15.00	14.88	No
	6	2437		15.00	14.77	No
	11	2462		15.00	14.71	No
802.11g	1	2412	6	14.00	13.94	No
	6	2437		14.00	13.99	No
	11	2462		14.00	13.91	No
802.11n HT20 SISO	1	2412	6.5	13.00	12.62	No
	6	2437		13.00	12.69	No
	11	2462		13.00	12.52	No
802.11n HT40 SISO	3	2422	13.5	12.00	11.88	No
	6	2437		12.00	11.80	No
	9	2452		12.00	11.93	No

WiFi 5G Receiver on/Receiver off + WWAN							
5GHz	mode	Channel	Frequency (MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	6	13.00	12.12	Yes
		40	5200		13.00	12.11	No
		44	5220		13.00	11.95	No
		48	5240		13.00	11.96	No
	U-NII-2A	52	5260		13.00	11.95	Yes
		56	5280		13.00	11.87	No
		60	5300		13.00	12.02	Yes
		64	5320		13.00	11.91	Yes
	U-NII-2C	100	5500		13.00	11.94	No
		104	5520		13.00	11.82	No
		108	5540		13.00	11.97	No
		112	5560		13.00	11.93	No
		116	5580		13.00	11.96	No
		120	5600		13.00	12.06	No
		124	5620		13.00	12.08	No
		128	5640		13.00	12.01	No
		132	5660		13.00	11.93	No
		136	5680		13.00	12.20	Yes
	U-NII-3	140	5700		13.00	12.11	No
		144	5720		13.00	12.02	No
		149	5745		13.00	12.03	No
		153	5765		13.00	12.05	No
		157	5785		13.00	12.19	Yes
		161	5805		13.00	12.12	No
		165	5825	13.00	12.11	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test



802.11n- HT20	U-NII-1	36	5180	MCS0	12.00	11.62	No
		40	5200		12.00	11.66	No
		44	5220		12.00	11.55	No
		48	5240		12.00	11.58	No
	U-NII-2A	52	5260		12.00	11.55	No
		56	5280		12.00	11.51	No
		60	5300		12.00	11.60	No
		64	5320		12.00	11.49	No
	U-NII-2C	100	5500		12.00	11.43	No
		104	5520		12.00	11.35	No
		108	5540		12.00	11.48	No
		112	5560		12.00	11.56	No
		116	5580		12.00	11.60	No
		120	5600		12.00	11.69	No
		124	5620		12.00	11.68	No
		128	5640		12.00	11.56	No
		132	5660		12.00	11.59	No
		136	5680		12.00	11.75	No
	U-NII-3	140	5700		12.00	11.65	No
		144	5720		12.00	11.59	No
149		5745	12.00	11.57	No		
153		5765	12.00	11.58	No		
157		5785	12.00	11.73	No		
161		5805	12.00	11.62	No		
165	5825	12.00	11.62	No			
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n- HT40	U-NII-1	38	5190	MCS0	11.00	9.76	No
		46	5230		11.00	9.74	No
	U-NII-2A	54	5270		11.00	9.79	No
		62	5310		11.00	9.64	No
	U-NII-2C	102	5510		11.00	9.81	No
		110	5550		11.00	9.82	No
		118	5590		11.00	9.83	No
		126	5630		11.00	10.06	No
		134	5670		11.00	9.98	No
		142	5710		11.00	10.03	No
U-NII-3	151	5755	11.00	9.96	No		
	159	5795	11.00	10.11	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 20M	U-NII-1	36	5180	MCS0	10.00	9.49	No
		40	5200		10.00	9.61	No
		44	5220		10.00	9.56	No
		48	5240		10.00	9.38	No
	U-NII-2A	52	5260		10.00	9.57	No
		56	5280		10.00	9.49	No
		60	5300		10.00	9.32	No
		64	5320		10.00	9.51	No
	U-NII-	100	5500		10.00	9.48	No



	2C	104	5520		10.00	9.60	No
		108	5540		10.00	9.47	No
		112	5560		10.00	9.50	No
		116	5580		10.00	9.53	No
		120	5600		10.00	9.88	No
		124	5620		10.00	9.83	No
		128	5640		10.00	9.67	No
		132	5660		10.00	9.80	No
		136	5680		10.00	9.88	No
		140	5700		10.00	9.79	No
	144	5720	10.00		9.68	No	
	U-NII-3	149	5745		10.00	9.73	No
		153	5765		10.00	9.72	No
		157	5785		10.00	9.79	No
		161	5805		10.00	9.70	No
165		5825	10.00	9.76	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 40M	U-NII-1	38	5190	MCS0	9.50	9.01	No
		46	5230		9.50	8.93	No
	U-NII-2A	54	5270		9.50	9.01	No
		62	5310		9.50	8.99	No
	U-NII-2C	102	5510		9.50	8.81	No
		110	5550		9.50	8.86	No
		118	5590		9.50	8.94	No
		126	5630		9.50	8.02	No
		134	5670		9.50	7.93	No
		142	5710		9.50	8.00	No
	U-NII-3	151	5755		9.50	8.12	No
		159	5795		9.50	7.96	No
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	9.50	9.03	No
	U-NII-2A	58	5290		9.50	8.74	No
		106	5530		9.50	7.91	No
	U-NII-2C	122	5610		9.50	8.00	No
		138	5690		9.50	8.05	No
	U-NII-3	155	5775		9.50	7.97	No

WiFi 5G Receiver off							
5GHz	mode	Channel	Frequency (MHz)	Data Rate (Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11a	U-NII-1	36	5180	6	15.00	14.08	Yes
		40	5200		15.00	14.20	Yes
		44	5220		15.00	13.95	No
		48	5240		15.00	13.97	Yes
	U-NII-2A	52	5260		15.00	14.00	Yes
		56	5280		15.00	13.91	No



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		60	5300		15.00	13.97	Yes		
		64	5320		15.00	13.99	Yes		
	U-NII-2C	100	5500		15.00	13.88	No		
		104	5520		15.00	13.87	No		
		108	5540		15.00	13.97	No		
		112	5560		15.00	13.89	No		
		116	5580		15.00	13.68	No		
		120	5600		15.00	14.03	No		
		124	5620		15.00	14.08	No		
		128	5640		15.00	14.10	Yes		
		132	5660		15.00	14.05	No		
		136	5680		15.00	13.10	No		
		140	5700		15.00	13.08	No		
		144	5720		15.00	13.00	No		
		U-NII-3	149	5745		15.00	13.06	No	
			153	5765		15.00	13.07	No	
	157		5785		15.00	13.05	No		
	161		5805		15.00	13.11	Yes		
	165		5825		15.00	13.08	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test		
802.11n-HT20	U-NII-1	36	5180	MCS0	14.00	12.70	No		
		40	5200		14.00	12.83	No		
		44	5220		14.00	12.68	No		
		48	5240		14.00	12.57	No		
	U-NII-2A	52	5260		14.00	12.67	No		
		56	5280		14.00	12.44	No		
		60	5300		14.00	12.68	No		
	U-NII-2C	64	5320		14.00	12.52	No		
		100	5500		14.00	12.52	No		
		104	5520		14.00	12.39	No		
		108	5540		14.00	12.61	No		
		112	5560		14.00	12.50	No		
		116	5580		14.00	12.54	No		
		120	5600		14.00	12.61	No		
		124	5620		14.00	12.65	No		
		128	5640		14.00	12.62	No		
		132	5660		14.00	12.58	No		
		136	5680		14.00	12.70	No		
		140	5700		14.00	12.69	No		
		144	5720		14.00	12.58	No		
		U-NII-3	149		5745	14.00	12.66	No	
	153		5765		14.00	12.68	No		
	157		5785		14.00	12.62	No		
	161		5805		14.00	12.68	No		
	165		5825		14.00	12.62	No		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
	802.11n-HT40	U-NII-1	38		5190	MCS0	13.00	12.97	No
46			5230	13.00	12.92		No		



	U-NII-2A	54	5270		13.00	12.88	No
		62	5310		13.00	12.94	No
	U-NII-2C	102	5510		13.00	12.83	No
		110	5550		13.00	12.90	No
		118	5590		13.00	12.85	No
		126	5630		13.00	12.97	No
		134	5670		13.00	12.87	No
		142	5710		13.00	12.98	No
	U-NII-3	151	5755		13.00	12.90	No
		159	5795		13.00	12.96	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 20M	U-NII-1	36	5180	MCS0	12.00	10.60	No
		40	5200		12.00	10.76	No
		44	5220		12.00	10.59	No
		48	5240		12.00	10.54	No
	U-NII-2A	52	5260		12.00	10.63	No
		56	5280		12.00	10.61	No
		60	5300		12.00	10.49	No
		64	5320		12.00	10.59	No
	U-NII-2C	100	5500		12.00	10.47	No
		104	5520		12.00	10.51	No
		108	5540		12.00	10.61	No
		112	5560		12.00	10.53	No
		116	5580		12.00	10.57	No
		120	5600		12.00	10.77	No
		124	5620		12.00	10.74	No
		128	5640		12.00	10.69	No
		132	5660		12.00	10.66	No
		136	5680		12.00	10.83	No
	140	5700	12.00		10.71	No	
	144	5720	12.00		10.62	No	
U-NII-3	149	5745	12.00	10.64	No		
	153	5765	12.00	10.66	No		
	157	5785	12.00	10.75	No		
	161	5805	12.00	10.73	No		
		165	5825	12.00	10.55	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 40M	U-NII-1	38	5190	MCS0	11.50	9.77	No
		46	5230		11.50	9.91	No
	U-NII-2A	54	5270		11.50	9.83	No
		62	5310		11.50	9.69	No
	U-NII-2C	102	5510		11.50	9.77	No
		110	5550		11.50	9.85	No
		118	5590		11.50	9.83	No
		126	5630		11.50	10.08	No
		134	5670		11.50	10.01	No
		142	5710		11.50	10.03	No
U-NII-3	151	5755	11.50	9.98	No		



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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
		159	5795		11.50	10.11	No
802.11ac 80M	U-NII-1	42	5210	MCS0	11.50	10.01	No
	U-NII-2A	58	5290		11.50	9.78	No
	U-NII-2C	106	5530		11.50	9.78	No
		122	5610		11.50	10.05	No
		138	5690		11.50	10.13	No
	U-NII-3	155	5775		11.50	9.91	No

WiFi 5G Receiver on+ WWAN									
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test		
802.11a	U-NII-1	36	5180	6	11.00	9.91	No		
		40	5200		11.00	10.10	No		
		44	5220		11.00	9.91	No		
		48	5240		11.00	9.74	No		
	U-NII-2A	52	5260		11.00	9.85	No		
		56	5280		11.00	9.87	No		
		60	5300		11.00	9.71	No		
		64	5320		11.00	9.88	No		
	U-NII-2C	100	5500		11.00	9.93	No		
		104	5520		11.00	9.95	No		
		108	5540		11.00	9.92	No		
		112	5560		11.00	9.93	No		
		116	5580		11.00	9.95	No		
		120	5600		11.00	10.14	No		
		124	5620		11.00	10.12	No		
		128	5640		11.00	10.04	No		
		132	5660		11.00	10.13	No		
		136	5680		11.00	10.27	No		
	U-NII-3	140	5700		11.00	10.23	No		
		144	5720		11.00	10.09	No		
		149	5745		11.00	10.11	No		
		153	5765		11.00	10.08	No		
		157	5785		11.00	10.22	No		
		161	5805		11.00	10.12	No		
			165		5825	11.00	9.98	No	
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
	802.11n- HT20	U-NII-1	36		5180	MCS0	10.00	8.40	No
			40		5200		10.00	8.66	No
44			5220	10.00	8.52		No		
48			5240	10.00	8.49		No		
U-NII-2A		52	5260	10.00	8.60		No		
		56	5280	10.00	8.55		No		
		60	5300	10.00	8.26		No		
		64	5320	10.00	8.50		No		



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	U-NII-2C	100	5500		10.00	8.49	No
		104	5520		10.00	8.63	No
		108	5540		10.00	8.46	No
		112	5560		10.00	8.46	No
		116	5580		10.00	8.51	No
		120	5600		10.00	8.77	No
		124	5620		10.00	8.67	No
		128	5640		10.00	8.58	No
		132	5660		10.00	8.63	No
		136	5680		10.00	8.82	No
		140	5700		10.00	8.72	No
		144	5720		10.00	8.64	No
	U-NII-3	149	5745		10.00	8.81	No
		153	5765		10.00	8.80	No
		157	5785		10.00	8.84	No
		161	5805		10.00	8.77	No
		165	5825	10.00	8.65	No	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11n-HT40	U-NII-1	38	5190	MCS0	9.00	9.03	No
		46	5230		9.00	8.94	No
	U-NII-2A	54	5270		9.00	8.88	No
		62	5310		9.00	8.91	No
	U-NII-2C	102	5510		9.00	8.84	No
		110	5550		9.00	8.95	No
		118	5590		9.00	8.90	No
		126	5630		9.00	8.09	No
		134	5670		9.00	8.93	No
		142	5710		9.00	8.91	No
	U-NII-3	151	5755		9.00	9.01	No
		159	5795		9.00	9.05	No
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
802.11ac 20M	U-NII-1	36	5180	MCS0	8.00	7.81	No
		40	5200		8.00	7.77	No
		44	5220		8.00	7.75	No
		48	5240		8.00	7.71	No
	U-NII-2A	52	5260		8.00	7.66	No
		56	5280		8.00	7.55	No
		60	5300		8.00	7.77	No
		64	5320		8.00	7.47	No
	U-NII-2C	100	5500		8.00	7.69	No
		104	5520		8.00	7.54	No
		108	5540		8.00	7.56	No
		112	5560		8.00	7.75	No
		116	5580		8.00	7.64	No
		120	5600		8.00	7.81	No
		124	5620		8.00	7.75	No
		128	5640		8.00	7.57	No
		132	5660	8.00	7.49	No	



		136	5680		8.00	7.84	No		
		140	5700		8.00	7.77	No		
		144	5720		8.00	7.78	No		
	U-NII-3	149	5745		8.00	7.81	No		
		153	5765		8.00	7.82	No		
		157	5785		8.00	7.87	No		
		161	5805		8.00	7.91	No		
		165	5825		8.00	7.81	No		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test		
802.11ac 40M	U-NII-1	38	5190	MCS0	7.50	7.14	No		
		46	5230		7.50	7.03	No		
	U-NII-2A	54	5270		7.50	7.02	No		
		62	5310		7.50	6.88	No		
	U-NII-2C	102	5510		7.50	6.90	No		
		110	5550		7.50	6.99	No		
		118	5590		7.50	7.14	No		
		126	5630		7.50	6.99	No		
		134	5670		7.50	6.94	No		
		142	5710		7.50	7.12	No		
	U-NII-3	151	5755		7.50	7.13	No		
		159	5795		7.50	7.12	No		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Tune up	Average Power (dBm)	SAR Test
	802.11ac 80M	U-NII-1	42		5210	MCS0	7.50	7.08	No
U-NII-2A		58	5290	7.50	6.73		No		
		106	5530	7.50	6.82		No		
U-NII-2C		122	5610	7.50	6.99		No		
		138	5690	7.50	7.14		No		
U-NII-3		155	5775	7.50	7.01		No		

Table 6 : Conducted Power of WiFi

3.1.2 Conducted Power of BT

BT			Tune up (dBm)	Average Conducted Power(dBm)
Modulation	Channel	Frequency(MHz)		
GFSK	0	2402	13.00	11.44
	39	2441	13.00	11.61
	78	2480	13.00	12.20
$\pi/4$ DQPSK	0	2402	13.00	11.38
	39	2441	13.00	11.40
	78	2480	13.00	12.05
8DPSK	0	2402	13.00	11.38
	39	2441	13.00	11.41
	78	2480	13.00	12.06
BLE 1M			Tune up (dBm)	Average Conducted Power(dBm)
Modulation	Channel	Frequency(MHz)		
GFSK	0	2402	-1.00	-3.34
	19	2440	-1.00	-1.41
	39	2480	-1.00	-1.16
BLE 2M			Tune up (dBm)	Average Conducted Power(dBm)
Modulation	Channel	Frequency(MHz)		
GFSK	0	2402	-1.00	-4.78
	19	2440	-1.00	-2.13
	39	2480	-1.00	-1.12

Table 7 : Conducted Power of BT