

ANT 1

GSM: ant 1						
Band: GSM 850	Burst Average Power (dBm)			Frame-Average Power(dBm)		
Channel	128	190	251	128	190	251
Frequency (MHz)	824.2	836.6	848.8	824.2	836.6	848.8
GSM (GMSK, Voice)	31.96	32.00	31.84	22.93	22.97	22.81
GPRS (GMSK, 1 TX slot)	31.96	31.99	31.83	22.93	22.96	22.80
GPRS (GMSK, 2 TX slots)	31.17	31.17	31.00	25.15	25.15	24.98
GPRS (GMSK, 3 TX slots)	29.36	29.21	29.04	25.10	24.95	24.78
GPRS (GMSK, 4 TX slots)	28.21	28.08	27.89	25.20	25.07	24.88
EGPRS (8PSK, 1 TX slot)	26.56	26.47	26.27	17.53	17.44	17.24
EGPRS (8PSK, 2 TX slots)	26.51	26.42	26.22	20.49	20.40	20.20
EGPRS (8PSK, 3 TX slots)	26.47	26.35	26.15	22.21	22.09	21.89
EGPRS (8PSK, 4 TX slots)	26.38	26.27	26.10	23.37	23.26	23.09

WCDMA: ant 1			
WCDMA Average power (dBm)			
Band	WCDMA Band V		
Channel	4132	4183	4233
Frequency (MHz)	826.4	836.6	846.6
AMR 12.2 kbps	23.03	23.03	22.93
RMC 12.2 kbps	23.04	23.01	22.91
HSDPA Sub-test 1	23.05	23.04	23.02
HSDPA Sub-test 2	22.57	22.54	22.49
HSDPA Sub-test 3	22.56	22.56	22.54
HSDPA Sub-test 4	22.56	22.52	22.50
HSUPA Sub-test 1	21.04	21.03	21.00
HSUPA Sub-test 2	21.56	21.53	21.52
HSUPA Sub-test 3	22.05	22.03	22.00
HSUPA Sub-test 4	21.05	20.99	21.03
HSUPA Sub-test 5	23.03	23.02	23.02

ANT 2

GSM: ant 2						
Band: PCS 1900	Burst Average Power (dBm)			Frame-Average Power(dBm)		
Channel	512	661	810	512	661	810
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8
GSM (GMSK, Voice)	28.79	29.29	29.38	19.76	20.26	20.35
GPRS (GMSK, 1 TX slot)	28.78	29.30	29.42	19.75	20.27	20.39
GPRS (GMSK, 2 TX slots)	27.74	28.29	28.46	21.72	22.27	22.44
GPRS (GMSK, 3 TX slots)	25.65	26.23	26.41	21.39	21.97	22.15
GPRS (GMSK, 4 TX slots)	24.49	25.04	25.25	21.48	22.03	22.24
EGPRS (8PSK, 1 TX slot)	24.79	25.41	25.58	15.76	16.38	16.55
EGPRS (8PSK, 2 TX slots)	24.73	25.34	25.51	18.71	19.32	19.49
EGPRS (8PSK, 3 TX slots)	24.63	25.23	25.40	20.37	20.97	21.14
EGPRS (8PSK, 4 TX slots)	24.54	25.10	25.26	21.53	22.09	22.25

WCDMA: ant 2						
WCDMA Average power (dBm)						
Band	WCDMA Band IV			WCDMA Band II		
Channel	1312	1413	1513	9262	9400	9538
Frequency (MHz)	1712.4	1732.6	1752.6	1852.4	1880	1907.6
AMR 12.2 kbps	22.51	22.64	22.48	22.71	22.77	22.99
RMC 12.2 kbps	22.46	22.59	22.44	22.66	22.81	22.89
HSDPA Sub-test 1	22.53	22.72	22.57	22.70	22.67	23.00
HSDPA Sub-test 2	22.12	22.24	22.04	22.24	22.28	22.42
HSDPA Sub-test 3	22.09	22.27	22.08	22.21	22.30	22.52
HSDPA Sub-test 4	22.07	22.23	22.02	22.20	22.31	22.45
HSUPA Sub-test 1	20.50	20.64	20.49	20.59	20.72	20.85
HSUPA Sub-test 2	20.98	21.14	21.01	20.59	20.73	20.81
HSUPA Sub-test 3	21.49	21.69	21.52	21.61	21.73	21.84
HSUPA Sub-test 4	20.51	20.66	20.58	20.62	20.73	20.90
HSUPA Sub-test 5	22.51	22.67	22.53	22.54	22.72	22.86

ANT 3

GSM: ant 3						
Band: GSM 850	Burst Average Power (dBm)			Frame-Average Power(dBm)		
Channel	128	190	251	128	190	251
Frequency (MHz)	824.2	836.6	848.8	824.2	836.6	848.8
GSM (GMSK, Voice)	33.40	33.26	33.19	24.37	24.23	24.16
GPRS (GMSK, 1 TX slot)	33.42	33.29	33.23	24.39	24.26	24.20
GPRS (GMSK, 2 TX slots)	32.32	32.17	32.14	26.30	26.15	26.12
GPRS (GMSK, 3 TX slots)	30.15	29.97	29.97	25.89	25.71	25.71
GPRS (GMSK, 4 TX slots)	28.91	28.73	28.73	25.90	25.72	25.72
EGPRS (8PSK, 1 TX slot)	27.23	27.07	27.10	18.20	18.04	18.07
EGPRS (8PSK, 2 TX slots)	27.16	27.01	27.03	21.14	20.99	21.01
EGPRS (8PSK, 3 TX slots)	27.07	26.95	26.95	22.81	22.69	22.69
EGPRS (8PSK, 4 TX slots)	26.95	26.86	26.86	23.94	23.85	23.85

WCDMA: ant 3			
WCDMA Average power (dBm)			
Band	WCDMA Band V		
Channel	4132	4183	4233
Frequency (MHz)	826.4	836.6	846.6
AMR 12.2 kbps	23.49	23.49	23.51
RMC 12.2 kbps	23.58	23.51	23.41
HSDPA Sub-test 1	23.62	23.56	23.57
HSDPA Sub-test 2	23.14	23.07	23.09
HSDPA Sub-test 3	23.18	23.10	23.08
HSDPA Sub-test 4	23.16	23.05	23.06
HSUPA Sub-test 1	21.63	21.57	21.56
HSUPA Sub-test 2	22.16	22.05	22.05
HSUPA Sub-test 3	22.62	22.58	22.55
HSUPA Sub-test 4	21.63	21.59	21.59
HSUPA Sub-test 5	23.64	23.56	23.59

ANT 5

GSM: ant 5						
Band: PCS 1900	Burst Average Power (dBm)			Frame-Average Power(dBm)		
Channel	512	661	810	512	661	810
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8
GSM (GMSK, Voice)	27.77	28.26	28.29	18.74	19.23	19.26
GPRS (GMSK, 1 TX slot)	27.79	28.28	28.33	18.76	19.25	19.30
GPRS (GMSK, 2 TX slots)	26.91	27.44	27.53	20.89	21.42	21.51
GPRS (GMSK, 3 TX slots)	24.93	25.53	25.64	20.67	21.27	21.38
GPRS (GMSK, 4 TX slots)	23.85	24.43	24.57	20.84	21.42	21.56
EGPRS (8PSK, 1 TX slot)	24.10	24.70	24.83	15.07	15.67	15.80
EGPRS (8PSK, 2 TX slots)	24.04	24.64	24.77	18.02	18.62	18.75
EGPRS (8PSK, 3 TX slots)	23.97	24.57	24.69	19.71	20.31	20.43
EGPRS (8PSK, 4 TX slots)	23.89	24.51	24.63	20.88	21.50	21.62

WCDMA: ant 5						
WCDMA Average power (dBm)						
Band	WCDMA Band IV			WCDMA Band II		
Channel	1312	1413	1513	9262	9400	9538
Frequency (MHz)	1712.4	1732.6	1752.6	1852.4	1880	1907.6
AMR 12.2 kbps	22.33	22.49	22.25	21.98	22.15	22.27
RMC 12.2 kbps	22.37	22.54	22.30	21.89	22.07	22.05
HSDPA Sub-test 1	22.34	22.55	22.32	22.00	22.16	22.27
HSDPA Sub-test 2	21.88	22.05	21.81	21.45	21.61	21.69
HSDPA Sub-test 3	21.91	22.08	21.84	21.45	21.64	21.78
HSDPA Sub-test 4	21.89	22.03	21.79	21.48	21.65	21.72
HSUPA Sub-test 1	20.34	20.50	20.30	19.89	20.08	20.12
HSUPA Sub-test 2	20.84	21.01	20.78	20.41	20.57	20.66
HSUPA Sub-test 3	21.35	21.53	21.30	20.89	21.08	21.16
HSUPA Sub-test 4	20.32	20.51	20.32	19.92	20.08	20.18
HSUPA Sub-test 5	22.35	22.51	22.32	21.89	22.08	22.13



ANT 1

LTE Band 5 part ANTY

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					2007.5 S6.7MHz	2022.5 S6.7MHz	2037.5 S6.7MHz	2052.5 S6.7MHz
Band 5	1.4	QPSK	16QAM	1	2	23.24	24.02	23.87
				1	2	23.24	24.02	23.87
				3	1	23.96	24.05	23.95
				3	1	23.96	24.05	23.95
				6	0	22.93	23.94	22.82
		8QAM	16QAM	1	0	23.11	23.25	22.78
				1	2	23.10	23.24	22.81
				0	0	22.84	22.95	22.79
				0	0	22.84	22.95	22.79
				8	1	22.82	22.94	22.75
				8	1	22.82	22.94	22.75
				0	0	22.96	23.02	22.71
				0	0	22.96	23.02	22.71
				1	2	22.91	22.71	22.25
				1	2	22.91	22.71	22.25
				3	0	22.04	21.94	22.04
				3	0	22.02	21.96	22.03
				3	2	22.02	21.96	22.03
				6	0	21.84	20.93	21.89

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					2007.5 S6.7MHz	2022.5 S6.7MHz	2037.5 S6.7MHz	2052.5 S6.7MHz
Band 5	3	QPSK	16QAM	1	0	23.06	24.11	23.86
				1	0	23.03	24.12	23.89
				1	14	24.02	24.05	23.94
				8	0	23.03	23.14	22.86
				8	4	23.06	23.15	22.86
		8QAM	16QAM	8	7	23.03	23.13	22.84
				15	0	23.04	23.16	22.82
				1	0	23.13	23.02	23.11
				1	0	23.13	23.02	23.11
				1	14	23.13	23.02	23.02
				8	4	22.05	22.17	21.88
				8	4	22.03	22.02	21.89
				15	0	21.96	22.09	22.03
				1	7	22.10	22.44	21.91
				15	0	21.96	22.09	22.03
				8	14	22.06	22.46	21.92
				8	4	21.97	21.74	21.61
				8	4	21.96	21.74	21.61
				15	0	21.09	21.15	20.96

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					2007.5 S6.7MHz	2022.5 S6.7MHz	2037.5 S6.7MHz	2052.5 S6.7MHz
Band 5	5	QPSK	16QAM	1	12	24.10	24.17	24.09
				1	12	24.10	24.17	24.09
				12	0	23.96	24.16	23.95
				12	0	23.96	24.16	23.95
				25	0	23.11	23.18	23.05
		8QAM	16QAM	1	12	23.31	23.24	23.09
				1	0	23.22	23.25	22.97
				12	0	22.12	22.18	22.05
				12	0	22.12	22.18	22.05
				12	11	22.13	22.19	22.05
				25	0	22.09	22.02	22.01
				1	12	22.87	22.46	22.07
				1	0	22.86	22.45	22.06
				12	0	21.14	21.23	21.10
				12	0	21.14	21.23	21.10
				12	11	21.10	21.24	21.10
				25	0	21.09	21.13	21.01

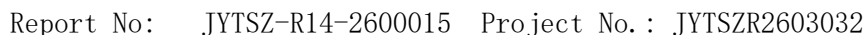
LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					2007.5 S6.7MHz	2022.5 S6.7MHz	2037.5 S6.7MHz	2052.5 S6.7MHz
Band 5	10	QPSK	16QAM	1	0	24.01	24.10	24.04
				1	49	24.11	24.10	23.97
				25	0	23.06	23.11	23.06
				25	0	23.06	23.11	23.06
				25	24	23.05	23.12	23.11
		8QAM	16QAM	1	0	23.07	23.09	23.06
				1	49	23.33	23.08	23.17
				25	12	22.10	22.13	22.08
				25	0	22.07	22.10	22.02
				1	24	22.09	22.05	22.01
				1	49	22.05	22.05	22.01
				25	0	21.05	21.15	21.10
				25	12	21.08	21.10	21.09
				25	24	21.05	21.11	21.12
				25	0	21.05	21.12	21.03

LTE Band 12 part ANTY

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					2007.5 S6.7MHz	2022.5 S6.7MHz	2037.5 S6.7MHz	2052.5 S6.7MHz
Band 12	1.4	QPSK	16QAM	1	2	23.97	23.86	23.86
				3	0	23.86	23.86	23.74
				3	1	23.97	23.84	23.73
				3	2	23.86	23.84	23.75
				6	0	23.93	22.84	22.75
		8QAM	16QAM	1	0	23.21	23.03	22.79
				1	2	23.18	23.03	22.71
				0	0	22.65	22.77	22.65
				0	0	22.65	22.77	22.64
				3	2	23.01	22.77	22.83
				3	2	22.96	22.75	22.72
				4	0	22.44	22.03	22.12
				1	2	22.44	22.05	22.02
				1	0	22.43	21.99	22.01
				3	0	22.08	21.75	21.89
				3	2	22.12	21.75	21.89
				3	2	22.07	21.71	21.86
				6	0	21.89	20.74	20.72

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					2007.5 S6.7MHz	2022.5 S6.7MHz	2037.5 S6.7MHz	2052.5 S6.7MHz
Band 12	3	QPSK	16QAM	1	0	24.09	23.92	23.89
				1	7	24.09	23.91	23.94
				1	14	24.10	23.90	23.93
				8	0	23.10	22.87	22.81
				8	4	23.08	22.96	22.81
		8QAM	16QAM	8	7	23.08	22.83	22.77
				15	0	23.09	22.89	22.74
				1	0	23.31	22.86	22.92
				1	7	23.28	22.96	22.98
				1	14	23.21	22.85	22.95
				8	4	22.10	21.87	21.78
				8	4	22.08	21.85	21.86
				15	0	22.04	21.86	21.88
				1	7	22.18	22.29	21.82
				15	0	22.04	21.86	21.88
				1	14	22.22	22.29	21.97
				8	0	21.11	20.85	20.81
				8	4	21.12	20.86	20.87
				15	0	21.08	20.87	20.87

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)			
					2007.5 S6.7MHz	2022.5 S6.7MHz	2037.5 S6.7MHz	2052.5 S6.7MHz
Band 12	5	QPSK	16QAM	1	12	24.02	24.05	24.01
				1	12	24.02	24.11	23.95
				12	0	23.37	23.06	22.84
				12	0	23.37	23.06	22.86
				25	0	23.10	22.85	22.87
		8QAM	16QAM	1	12	23.28	23.01	22.84
				1	0	23.21	23.01	22.84
				12	0	22.10	21.86	21.83
				12	0	22.11	21.87	21.82
				12	11	22.10	21.85	21.82
				25	0	22.05	22.06	21.93
				1	12	22.76	22.42	21.78
				1	0	22.84	22.45	21.81
				12	0	21.12	21.00	20.80
				12	0	21.10	21.01	20.88
				12	11	21.12	21.01	20.89
				25	0	21.07	20.96	20.86

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ANT 3

L7E Band 2 post activity									
L7E Band	Measurement Range	Measurement	Min	Max	Min	Max	Min	Max	Min
Band 1	L7E	UPPER	1	2	22.87	23.17	22.86	23.18	22.87
			2	3	22.87	23.17	22.86	23.18	22.87
			3	4	22.87	23.17	22.86	23.18	22.87
			4	5	22.87	23.17	22.86	23.18	22.87
			5	6	22.87	23.17	22.86	23.18	22.87
			6	7	22.87	23.17	22.86	23.18	22.87
			7	8	22.87	23.17	22.86	23.18	22.87
			8	9	22.87	23.17	22.86	23.18	22.87
			9	10	22.87	23.17	22.86	23.18	22.87
			10	11	22.87	23.17	22.86	23.18	22.87
Band 1	L7E	LOWER	1	2	22.87	23.17	22.86	23.18	22.87
			2	3	22.87	23.17	22.86	23.18	22.87
			3	4	22.87	23.17	22.86	23.18	22.87
			4	5	22.87	23.17	22.86	23.18	22.87
			5	6	22.87	23.17	22.86	23.18	22.87
			6	7	22.87	23.17	22.86	23.18	22.87
			7	8	22.87	23.17	22.86	23.18	22.87
			8	9	22.87	23.17	22.86	23.18	22.87
			9	10	22.87	23.17	22.86	23.18	22.87
			10	11	22.87	23.17	22.86	23.18	22.87
L7E Band 3 post activity									
L7E Band	Measurement Range	Measurement	Min	Max	Min	Max	Min	Max	Min
Band 12	L7E	UPPER	1	2	23.17	23.46	23.16	23.47	23.17
			2	3	23.17	23.46	23.16	23.47	23.17
			3	4	23.17	23.46	23.16	23.47	23.17
			4	5	23.17	23.46	23.16	23.47	23.17
			5	6	23.17	23.46	23.16	23.47	23.17
			6	7	23.17	23.46	23.16	23.47	23.17
			7	8	23.17	23.46	23.16	23.47	23.17
			8	9	23.17	23.46	23.16	23.47	23.17
			9	10	23.17	23.46	23.16	23.47	23.17
			10	11	23.17	23.46	23.16	23.47	23.17
Band 12	L7E	LOWER	1	2	23.17	23.46	23.16	23.47	23.17
			2	3	23.17	23.46	23.16	23.47	23.17
			3	4	23.17	23.46	23.16	23.47	23.17
			4	5	23.17	23.46	23.16	23.47	23.17
			5	6	23.17	23.46	23.16	23.47	23.17
			6	7	23.17	23.46	23.16	23.47	23.17
			7	8	23.17	23.46	23.16	23.47	23.17
			8	9	23.17	23.46	23.16	23.47	23.17
			9	10	23.17	23.46	23.16	23.47	23.17
			10	11	23.17	23.46	23.16	23.47	23.17
L7E Band 10 post activity									
L7E Band	Measurement Range	Measurement	Min	Max	Min	Max	Min	Max	Min
Band 10	L7E	UPPER	1	2	23.46	23.75	23.45	23.76	23.46
			2	3	23.46	23.75	23.45	23.76	23.46
			3	4	23.46	23.75	23.45	23.76	23.46
			4	5	23.46	23.75	23.45	23.76	23.46
			5	6	23.46	23.75	23.45	23.76	23.46
			6	7	23.46	23.75	23.45	23.76	23.46
			7	8	23.46	23.75	23.45	23.76	23.46
			8	9	23.46	23.75	23.45	23.76	23.46
			9	10	23.46	23.75	23.45	23.76	23.46
			10	11	23.46	23.75	23.45	23.76	23.46
Band 10	L7E	LOWER	1	2	23.46	23.75	23.45	23.76	23.46
			2	3	23.46	23.75	23.45	23.76	23.46
			3	4	23.46	23.75	23.45	23.76	23.46
			4	5	23.46	23.75	23.45	23.76	23.46
			5	6	23.46	23.75	23.45	23.76	23.46
			6	7	23.46	23.75	23.45	23.76	23.46
			7	8	23.46	23.75	23.45	23.76	23.46
			8	9	23.46	23.75	23.45	23.76	23.46
			9	10	23.46	23.75	23.45	23.76	23.46
			10	11	23.46	23.75	23.45	23.76	23.46
L7E Band 17 post activity									
L7E Band	Measurement Range	Measurement	Min	Max	Min	Max	Min	Max	Min
Band 17	L7E	UPPER	1	2	23.75	24.04	23.74	24.05	23.75
			2	3	23.75	24.04	23.74	24.05	23.75
			3	4	23.75	24.04	23.74	24.05	23.75
			4	5	23.75	24.04	23.74	24.05	23.75
			5	6	23.75	24.04	23.74	24.05	23.75
			6	7	23.75	24.04	23.74	24.05	23.75
			7	8	23.75	24.04	23.74	24.05	23.75
			8	9	23.75	24.04	23.74	24.05	23.75
			9	10	23.75	24.04	23.74	24.05	23.75
			10	11	23.75	24.04	23.74	24.05	23.75
Band 17	L7E	LOWER	1	2	23.75	24.04	23.74	24.05	23.75
			2	3	23.75	24.04	23.74	24.05	23.75
			3	4	23.75	24.04	23.74	24.05	23.75
			4	5	23.75	24.04	23.74	24.05	23.75
			5	6	23.75	24.04	23.74	24.05	23.75
			6	7	23.75	24.04	23.74	24.05	23.75
			7	8	23.75	24.04	23.74	24.05	23.75
			8	9	23.75	24.04	23.74	24.05	23.75
			9	10	23.75	24.04	23.74	24.05	23.75
			10	11	23.75	24.04	23.74	24.05	23.75
L7E Band 10000-9000 post activity									
L7E Band	Measurement Range	Measurement	Min	Max	Min	Max	Min	Max	Min
Band 10	L7E	UPPER	1	2	24.04	24.33	24.03	24.34	24.04
			2	3	24.04	24.33	24.03	24.34	24.04
			3	4	24.04	24.33	24.03	24.34	24.04
			4	5	24.04	24.33	24.03	24.34	24.04
			5	6	24.04	24.33	24.03	24.34	24.04
			6	7	24.04	24.33	24.03	24.34	24.04
			7	8	24.04	24.33	24.03	24.34	24.04
			8	9	24.04	24.33	24.03	24.34	24.04
			9	10	24.04	24.33	24.03	24.34	24.04
			10	11	24.04	24.33	24.03	24.34	24.04
Band 10	L7E	LOWER	1	2	24.04	24.33	24.03	24.34	24.04
			2	3	24.04	24.33	24.03	24.34	24.04
			3	4	24.04	24.33	24.03	24.34	24.04
			4	5	24.04	24.33	24.03	24.34	24.04
			5	6	24.04	24.33	24.03	24.34	24.04
			6	7	24.04	24.33	24.03	24.34	24.04
			7	8	24.04	24.33	24.03	24.34	24.04
			8	9	24.04	24.33	24.03	24.34	24.04
			9	10	24.04	24.33	24.03	24.34	24.04
			10	11	24.04	24.33	24.03	24.34	24.04

ANT 5

[illegible]



ANT 1

NR n5 part ANT1

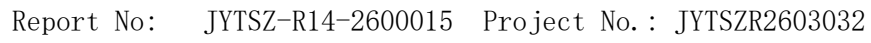
NR Band	SCS (kHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					158500 80MHz	167300 80MHz	168300 80MHz
n5	30	10	12936	DFT BPSK	23.85	23.75	23.58
			1681	DFT BPSK	23.77	23.63	23.66
			18222	DFT BPSK	23.85	23.63	23.52
			24820	DFT BPSK	23.43	23.27	23.08
			12936	DFT QPSK	23.85	23.84	23.69
			1681	DFT QPSK	23.69	23.73	23.59
			18222	DFT QPSK	23.74	23.57	23.45
			24820	DFT QPSK	22.89	22.72	22.55
			12936	DFT QAM16	23.85	23.81	23.69
			1681	DFT QAM16	22.74	22.79	22.81
			18222	DFT QAM16	22.82	23.13	22.48
			24820	DFT QAM16	21.85	21.76	21.70
			12936	DFT QAM64	21.42	21.39	21.27
			1681	DFT QAM64	21.41	21.39	21.29
			18222	DFT QAM64	21.42	21.43	21.19
			24820	DFT QAM64	21.43	21.29	21.26
			12936	DFT QAM256	19.36	19.34	19.13
			1681	DFT QAM256	19.31	19.29	19.38
			18222	DFT QAM256	19.55	18.14	18.06
			24820	DFT QAM256	19.44	19.29	19.25
			12936	CP QPSK	22.30	22.29	22.11
			1681	CP QPSK	22.21	22.16	21.95
			18222	CP QPSK	22.38	21.95	22.33
			24820	CP QPSK	20.87	20.74	20.61
			12936	CP QAM16	21.76	21.75	21.57
			1681	CP QAM16	22.24	21.62	22.17
			18222	CP QAM16	22.19	22.18	22.05
			24820	CP QAM16	20.83	20.77	20.62
			12936	CP QAM64	20.35	20.39	20.31
			1681	CP QAM64	20.62	20.60	20.35
			18222	CP QAM64	20.57	20.40	20.23
			24820	CP QAM64	20.35	20.39	20.28
			12936	CP QAM256	17.41	17.45	17.18
			1681	CP QAM256	17.47	17.51	17.46
			18222	CP QAM256	17.47	17.42	17.41
			24820	CP QAM256	17.47	17.30	17.22

NR n12 part ANT1

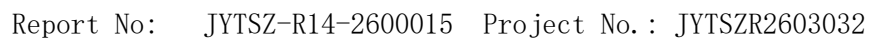
NR Band	SCS (kHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					140800 70MHz	141500 70MHz	142200 71MHz
n12	30	10	12936	DFT BPSK	23.33	23.34	23.23
			1681	DFT BPSK	23.44	23.33	23.31
			18222	DFT BPSK	23.43	23.34	23.29
			24820	DFT BPSK	22.85	22.79	22.69
			12936	DFT QPSK	23.33	23.40	23.22
			1681	DFT QPSK	23.31	23.24	23.17
			18222	DFT QPSK	23.25	23.35	23.09
			24820	DFT QPSK	22.35	22.32	22.33
			12936	DFT QAM16	23.34	23.34	23.29
			1681	DFT QAM16	22.69	22.75	22.37
			18222	DFT QAM16	22.51	22.39	22.68
			24820	DFT QAM16	21.53	21.44	21.37
			12936	DFT QAM64	21.02	20.94	21.06
			1681	DFT QAM64	20.51	20.76	20.70
			18222	DFT QAM64	20.82	20.59	20.86
			24820	DFT QAM64	21.04	20.99	20.94
			12936	DFT QAM256	18.96	18.87	18.87
			1681	DFT QAM256	19.12	19.05	19.00
			18222	DFT QAM256	19.00	18.98	18.93
			24820	DFT QAM256	18.94	18.92	18.91
			12936	CP QPSK	21.77	21.83	21.75
			1681	CP QPSK	21.89	21.91	21.85
			18222	CP QPSK	21.88	21.75	21.72
			24820	CP QPSK	20.56	20.43	20.44
			12936	CP QAM16	21.29	21.29	21.28
			1681	CP QAM16	21.53	21.36	21.27
			18222	CP QAM16	21.76	21.29	21.61
			24820	CP QAM16	20.39	20.35	20.23
			12936	CP QAM64	19.95	19.96	19.81
			1681	CP QAM64	20.58	20.16	20.54
			18222	CP QAM64	20.40	20.44	20.58
			24820	CP QAM64	19.95	20.00	19.93
			12936	CP QAM256	16.84	16.82	16.72
			1681	CP QAM256	17.05	16.95	16.87
			18222	CP QAM256	17.08	16.82	16.96
			24820	CP QAM256	16.94	16.90	16.78

NR Band	SCS (kHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					165300 80MHz	167300 80MHz	168300 80MHz
n5	30	15	18936	DFT BPSK	23.85	23.75	23.60
			1681	DFT BPSK	23.69	23.76	23.80
			18222	DFT BPSK	23.74	23.71	23.67
			24820	DFT BPSK	23.34	23.25	23.15
			18936	DFT QPSK	23.82	23.71	23.64
			1681	DFT QPSK	23.85	23.85	23.65
			18222	DFT QPSK	23.63	23.26	23.33
			24820	DFT QPSK	22.79	22.78	22.68
			18936	DFT QAM16	22.85	22.84	22.75
			1681	DFT QAM16	22.72	23.09	23.16
			18222	DFT QAM16	22.76	23.12	23.09
			24820	DFT QAM16	21.85	21.85	21.72
			18936	DFT QAM64	21.39	21.46	21.41
			1681	DFT QAM64	21.29	21.44	21.38
			18222	DFT QAM64	21.31	21.47	21.44
			24820	DFT QAM64	21.36	21.41	21.25
			18936	DFT QAM256	19.36	19.35	19.39
			1681	DFT QAM256	19.36	19.17	19.03
			24820	DFT QAM256	19.31	19.23	19.14
			18936	CP QPSK	22.45	22.22	22.25
			1681	CP QPSK	22.03	22.22	22.26
			18222	CP QPSK	22.03	21.78	21.84
			24820	CP QPSK	20.88	20.74	20.67
			18936	CP QAM16	21.75	21.67	21.71
			1681	CP QAM16	22.22	21.95	21.95
			18222	CP QAM16	22.20	21.72	21.84
			24820	CP QAM16	20.93	20.93	20.71
			18936	CP QAM64	20.56	20.54	20.34
			1681	CP QAM64	20.30	20.60	20.55
			18222	CP QAM64	20.36	20.29	20.36
			24820	CP QAM64	20.41	20.59	20.31
			18936	CP QAM256	17.41	17.35	17.19
			1681	CP QAM256	17.27	17.27	17.30
			18222	CP QAM256	17.41	17.33	17.12
			24820	CP QAM256	17.25	17.26	17.22

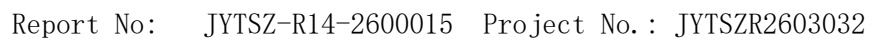
NR Band	SCS (kHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Power (dBm)		
					141300 70MHz	141500 70MHz	141700 70MHz
n12	30	15	18936	DFT BPSK	23.24	23.26	23.22
			1681	DFT BPSK	23.42	23.36	23.34
			18222	DFT BPSK	23.44	23.32	23.29
			24820	DFT BPSK	22.85	22.80	22.77
			18936	DFT QPSK	23.25	23.28	23.28
			1681	DFT QPSK	23.25	23.35	23.34
			18222	DFT QPSK	23.03	23.15	23.05
			24820	DFT QPSK	22.28	22.29	22.28
			18936	DFT QAM16	22.39	22.44	22.48
			1681	DFT QAM16	22.51	22.44	22.48
			18222	DFT QAM16	22.50	22.21	22.18
			24820	DFT QAM16	21.39	21.41	21.33
			18936	DFT QAM64	20.98	20.92	21.00
			1681	DFT QAM64	20.95	20.89	20.81
			18222	DFT QAM64	20.77	20.78	20.69
			24820	DFT QAM64	20.86	20.88	20.89
			18936	DFT QAM256	18.77	18.87	18.84
			1681	DFT QAM256	19.03	18.86	19.07
			18222	DFT QAM256	18.83	18.91	18.71
			24820	DFT QAM256	18.81	18.75	18.78
			18936	CP QPSK	21.88	21.93	21.92
			1681	CP QPSK	21.83	21.83	21.81
			18222	CP QPSK	21.70	21.61	21.54
			24820	CP QPSK	20.41	20.30	20.31
			18936	CP QAM16	21.34	21.32	21.28
			1681	CP QAM16	21.31	21.73	21.47
			18222	CP QAM16	21.25	21.42	21.47
			24820	CP QAM16	20.38	20.38	20.31
			18936	CP QAM64	20.05	20.07	20.05
			1681	CP QAM64	19.95	20.11	20.13
			18222	CP QAM64	19.80	19.82	20.07
			24820	CP QAM64	19.91	19.89	19.98
			18936	CP QAM256	16.87	16.94	16.82
			1681	CP QAM256	16.84	16.92	16.92
			18222	CP QAM256	16.66	16.70	16.61
			24820	CP QAM256	16.82	16.82	16.79



and



η_1^1	η_1^2	η_1^3	η_1^4	η_1^5	η_1^6	η_1^7	η_1^8	η_1^9	η_1^{10}	η_1^{11}	η_1^{12}	η_1^{13}	η_1^{14}	η_1^{15}	η_1^{16}	η_1^{17}	η_1^{18}	η_1^{19}	η_1^{20}	η_1^{21}	η_1^{22}	η_1^{23}	η_1^{24}	η_1^{25}	η_1^{26}	η_1^{27}	η_1^{28}	η_1^{29}	η_1^{30}	η_1^{31}	η_1^{32}	η_1^{33}	η_1^{34}	η_1^{35}	η_1^{36}	η_1^{37}	η_1^{38}	η_1^{39}	η_1^{40}	η_1^{41}	η_1^{42}	η_1^{43}	η_1^{44}	η_1^{45}	η_1^{46}	η_1^{47}	η_1^{48}	η_1^{49}	η_1^{50}	η_1^{51}	η_1^{52}	η_1^{53}	η_1^{54}	η_1^{55}	η_1^{56}	η_1^{57}	η_1^{58}	η_1^{59}	η_1^{60}	η_1^{61}	η_1^{62}	η_1^{63}	η_1^{64}	η_1^{65}	η_1^{66}	η_1^{67}	η_1^{68}	η_1^{69}	η_1^{70}	η_1^{71}	η_1^{72}	η_1^{73}	η_1^{74}	η_1^{75}	η_1^{76}	η_1^{77}	η_1^{78}	η_1^{79}	η_1^{80}	η_1^{81}	η_1^{82}	η_1^{83}	η_1^{84}	η_1^{85}	η_1^{86}	η_1^{87}	η_1^{88}	η_1^{89}	η_1^{90}	η_1^{91}	η_1^{92}	η_1^{93}	η_1^{94}	η_1^{95}	η_1^{96}	η_1^{97}	η_1^{98}	η_1^{99}	η_1^{100}	η_1^{101}	η_1^{102}	η_1^{103}	η_1^{104}	η_1^{105}	η_1^{106}	η_1^{107}	η_1^{108}	η_1^{109}	η_1^{110}	η_1^{111}	η_1^{112}	η_1^{113}	η_1^{114}	η_1^{115}	η_1^{116}	η_1^{117}	η_1^{118}	η_1^{119}	η_1^{120}	η_1^{121}	η_1^{122}	η_1^{123}	η_1^{124}	η_1^{125}	η_1^{126}	η_1^{127}	η_1^{128}	η_1^{129}	η_1^{130}	η_1^{131}	η_1^{132}	η_1^{133}	η_1^{134}	η_1^{135}	η_1^{136}	η_1^{137}	η_1^{138}	η_1^{139}	η_1^{140}	η_1^{141}	η_1^{142}	η_1^{143}	η_1^{144}	η_1^{145}	η_1^{146}	η_1^{147}	η_1^{148}	η_1^{149}	η_1^{150}	η_1^{151}	η_1^{152}	η_1^{153}	η_1^{154}	η_1^{155}	η_1^{156}	η_1^{157}	η_1^{158}	η_1^{159}	η_1^{160}	η_1^{161}	η_1^{162}	η_1^{163}	η_1^{164}	η_1^{165}	η_1^{166}	η_1^{167}	η_1^{168}	η_1^{169}	η_1^{170}	η_1^{171}	η_1^{172}	η_1^{173}	η_1^{174}	η_1^{175}	η_1^{176}	η_1^{177}	η_1^{178}	η_1^{179}	η_1^{180}	η_1^{181}	η_1^{182}	η_1^{183}	η_1^{184}	η_1^{185}	η_1^{186}	η_1^{187}	η_1^{188}	η_1^{189}	η_1^{190}	η_1^{191}	η_1^{192}	η_1^{193}	η_1^{194}	η_1^{195}	η_1^{196}	η_1^{197}	η_1^{198}	η_1^{199}	η_1^{200}	η_1^{201}	η_1^{202}	η_1^{203}	η_1^{204}	η_1^{205}	η_1^{206}	η_1^{207}	η_1^{208}	η_1^{209}	η_1^{210}	η_1^{211}	η_1^{212}	η_1^{213}	η_1^{214}	η_1^{215}	η_1^{216}	η_1^{217}	η_1^{218}	η_1^{219}	η_1^{220}	η_1^{221}	η_1^{222}	η_1^{223}	η_1^{224}	η_1^{225}	η_1^{226}	η_1^{227}	η_1^{228}	η_1^{229}	η_1^{230}	η_1^{231}	η_1^{232}	η_1^{233}	η_1^{234}	η_1^{235}	η_1^{236}	η_1^{237}	η_1^{238}	η_1^{239}	η_1^{240}	η_1^{241}	η_1^{242}	η_1^{243}	η_1^{244}	η_1^{245}	η_1^{246}	η_1^{247}	η_1^{248}	η_1^{249}	η_1^{250}	η_1^{251}	η_1^{252}	η_1^{253}	η_1^{254}	η_1^{255}	η_1^{256}	η_1^{257}	η_1^{258}	η_1^{259}	η_1^{260}	η_1^{261}	η_1^{262}	
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[illegible]



ANT 6

5.2GWi-Fi ant 6

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20	802.11 ax20
CH 36	5180	16.94	15.51	16.44	15.82
CH 40	5200	17.09	15.65	16.99	16.28
CH 48	5240	16.55	15.23	16.29	15.65

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 ac40	802.11 n40	802.11 ax40
CH 38	5190	15.39	16.01	16.36
CH 46	5230	15.39	15.74	15.83

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac80	802.11 ax80
CH 58	5290	15.27	15.92

5.3GWi-Fi ant 6

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20	802.11 ax20
CH 52	5260	17.56	15.19	15.37	15.60
CH 56	5280	17.32	15.28	15.50	15.68
CH 64	5320	16.85	15.41	14.87	15.21

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 ac40	802.11 n40	802.11 ax40
CH 54	5270	15.63	16.18	16.10
CH 62	5310	15.51	16.07	15.86

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac80	802.11 ax80
CH 58	5290	15.26	16.10

5.6GWi-Fi ant 6

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20	802.11 ax20
CH 100	5500	16.73	15.16	15.96	16.03
CH 120	5600	16.09	14.92	15.55	15.26
CH 140	5700	15.93	14.77	15.17	15.16

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 ac40	802.11 n40	802.11 ax40
CH 102	5510	15.14	14.57	15.74
CH 118	5590	14.98	14.41	15.53
CH 134	5670	15.08	14.53	15.64

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac80	802.11 ax80
CH 106	5530	14.99	15.6
CH 122	5610	14.49	15.29

5.8GWi-Fi ant 6

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20	802.11 ax20
CH 149	5745	16.48	14.93	15.57	15.49
CH 157	5785	16.73	15.21	16.61	15.81
CH 165	5825	16.10	14.68	16.15	15.40

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 ac40	802.11 n40	802.11 ax40
CH 151	5755	14.47	14.94	15.00
CH 159	5795	14.91	15.18	15.45

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac80	802.11 ax80
CH 155	5775	14.43	15.04



ANT 12

2.4GWi-Fi ant 12

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 b	802.11 g	802.11n (HT20)	802.11ax20
CH 01	2412	18.07	16.26	17.02	15.91
CH 06	2437	17.61	15.6	16.47	15.35
CH 11	2462	17.94	16.23	17.02	15.82

Bluetooth ant 12

Average Power (dBm)				
Channel	Frequency (MHz)	GFSK	$\pi/4$ -DQPSK	8DPSK
CH 00	2402	13.20	12.44	12.63
CH 39	2441	13.80	12.71	12.86
CH 78	2480	15.09	14.08	13.79

Average Power (dBm)				
Channel	Frequency (MHz)	BLE PHY1M	BLE CodedPHY S=2	BLE CodedPHY S=8
CH 00	2402	11.60	11.62	11.27
CH 20	2442	11.81	11.81	9.65
CH 39	2480	13.13	13.15	13.23

Average Power (dBm)		
Channel	Frequency (MHz)	BLE PHY2M
CH 00	2402	11.71
CH 20	2442	12.00
CH 39	2480	13.88



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ANT 13

2.4GWi-Fi ant 13

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 b	802.11 g	802.11n (HT20)	802.11ax20
CH 01	2412	16.91	15.14	16.02	14.91
CH 06	2437	17.28	15.35	16.43	15.20
CH 11	2462	17.09	15.28	16.60	15.54