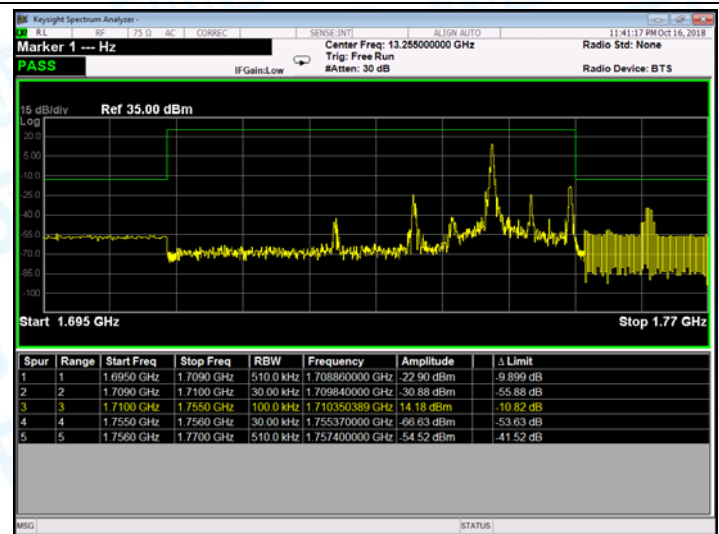
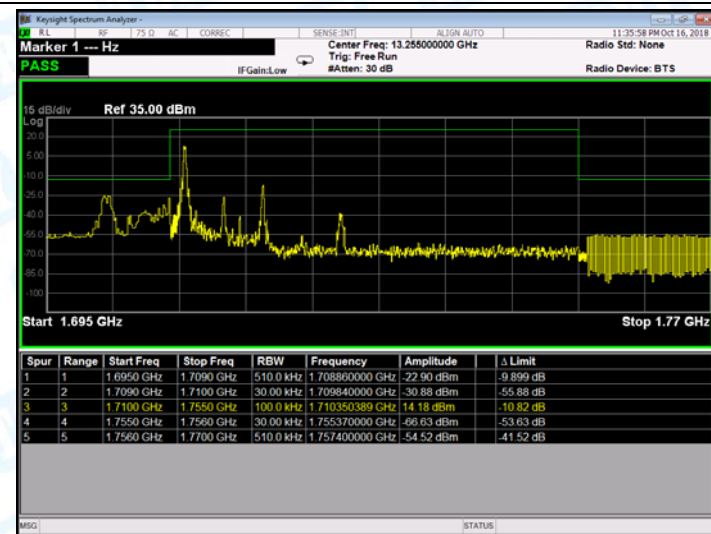


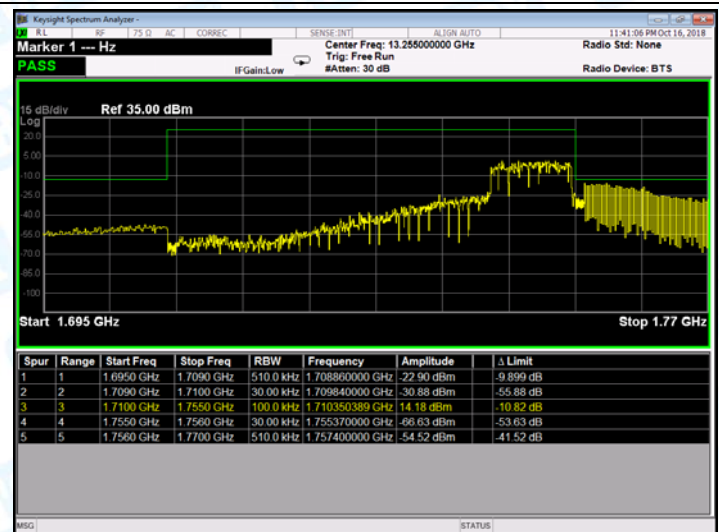
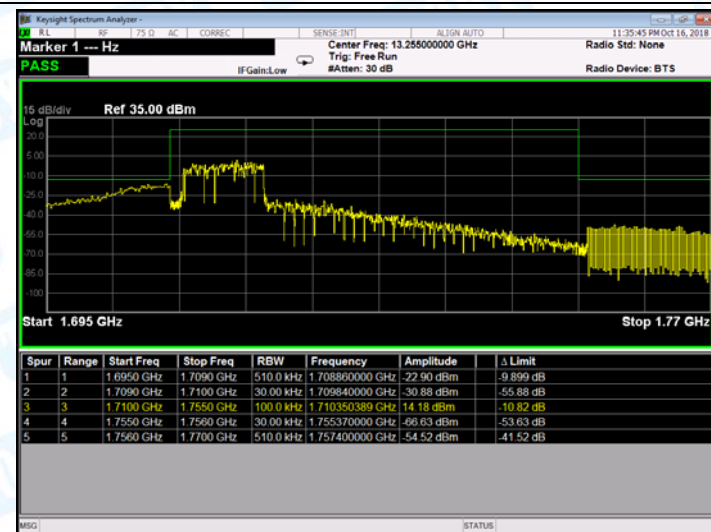
Low Channel

High Channel

LTE BAND 4 (10MHz RB Size 1& RB Offset 0 16QAM)



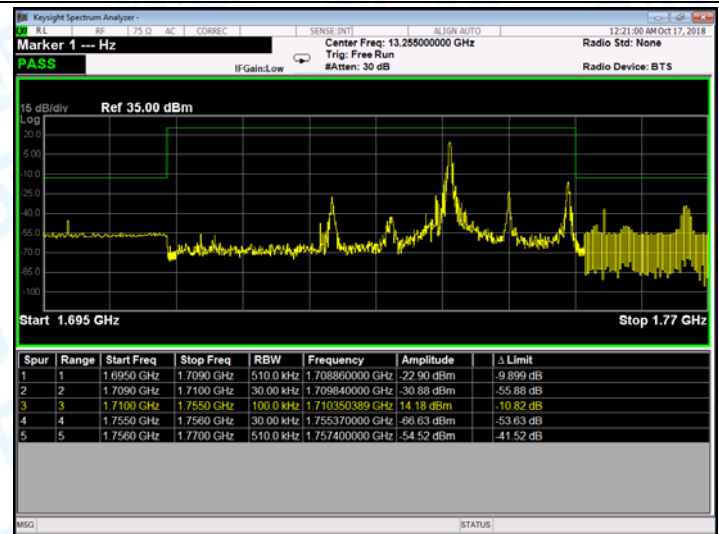
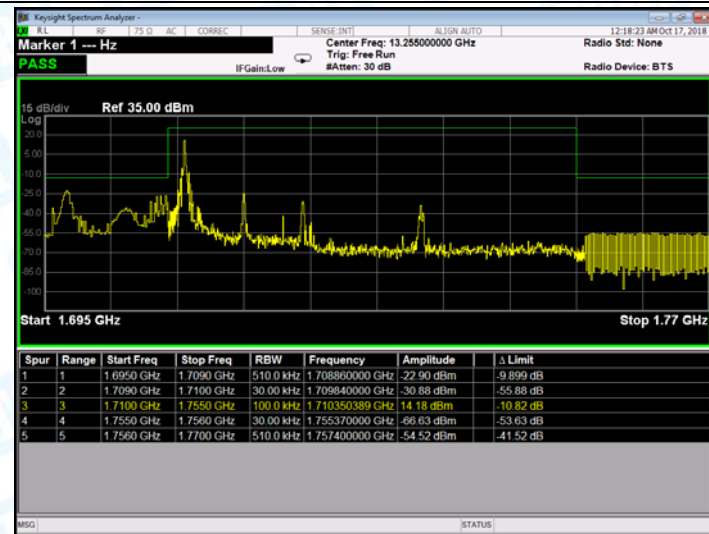
LTE BAND 4 (10MHz RB Size 50& RB Offset 0 16QAM)



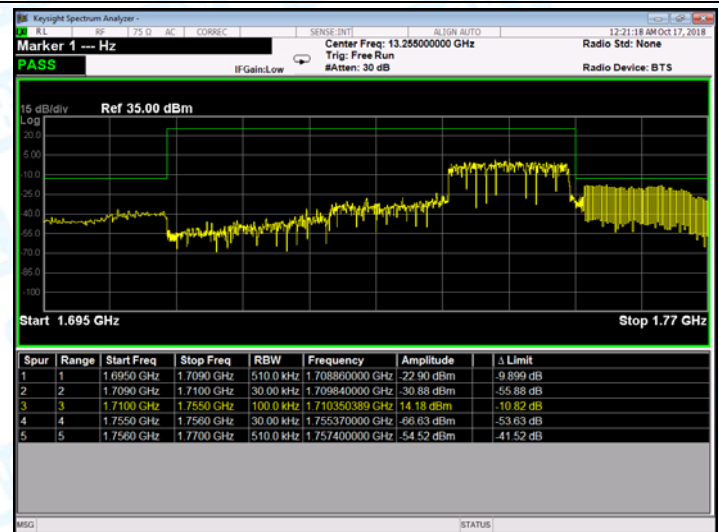
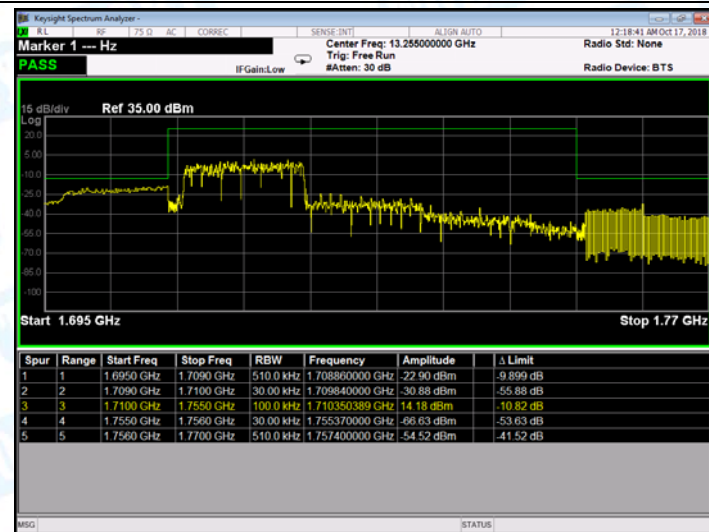
Low Channel

High Channel

LTE BAND 4 (15MHz RB Size 1& RB Offset 0 QPSK)



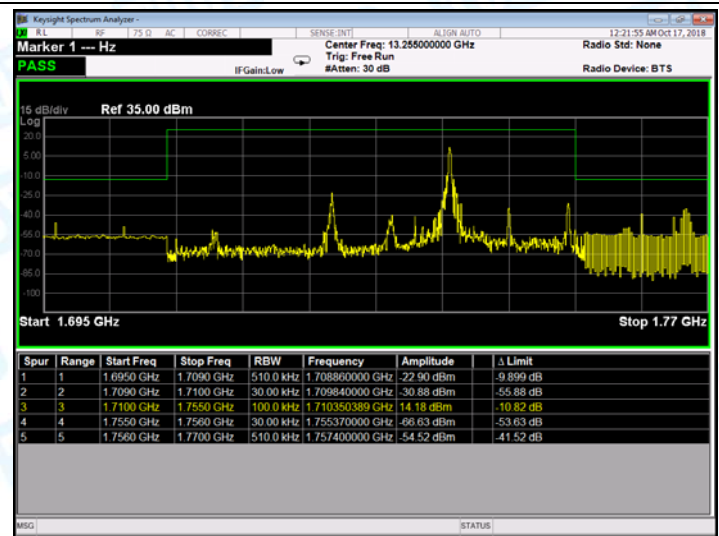
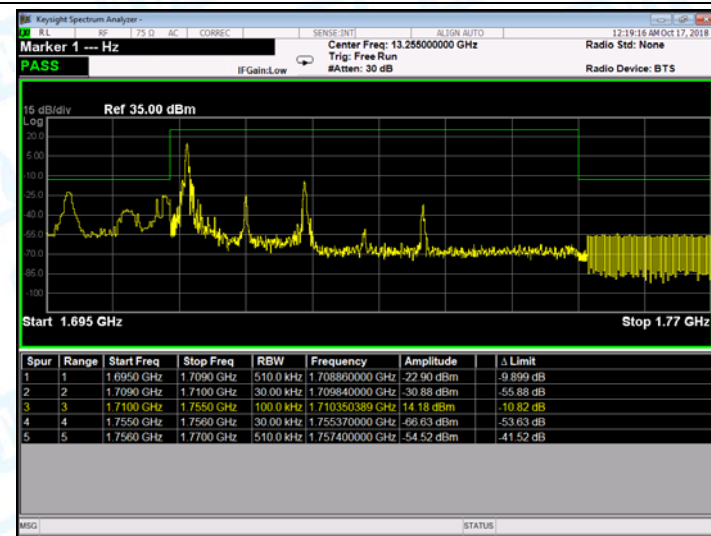
LTE BAND 4 (15MHz RB Size 75& RB Offset 0 QPSK)



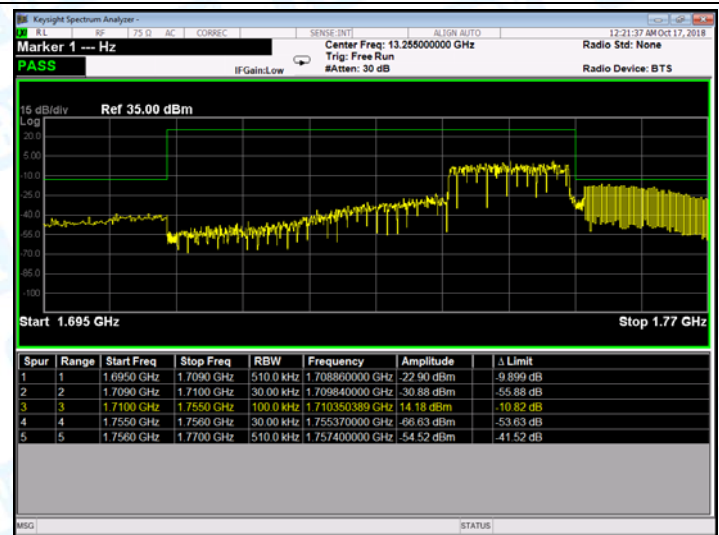
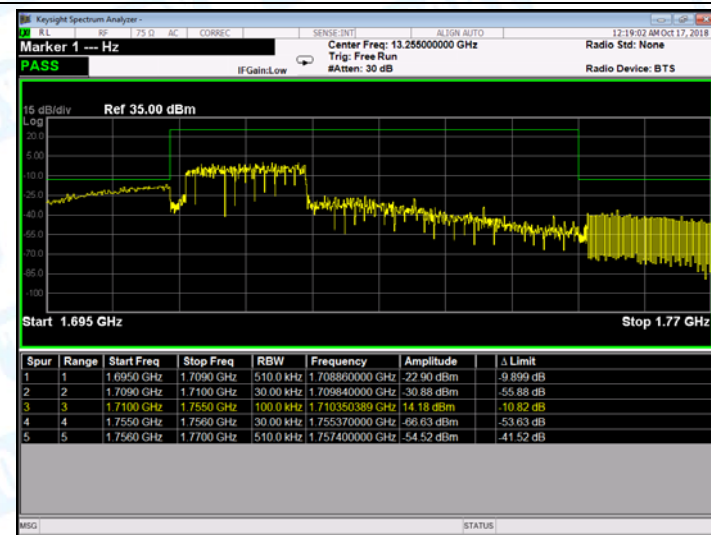
Low Channel

High Channel

LTE BAND 4 (15MHz RB Size 1& RB Offset 0 16QAM)



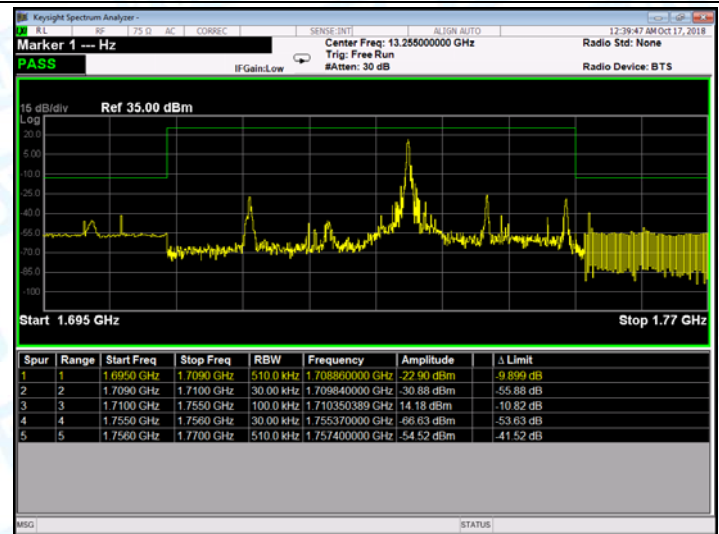
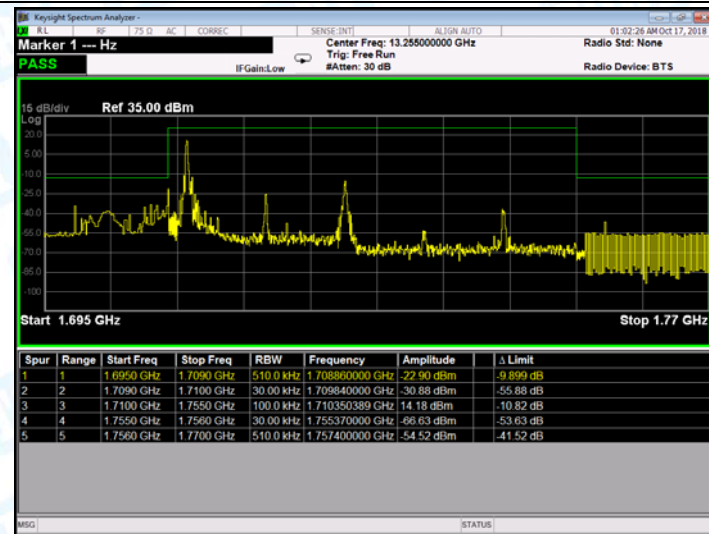
LTE BAND 4 (15MHz RB Size 75& RB Offset 0 16QAM)



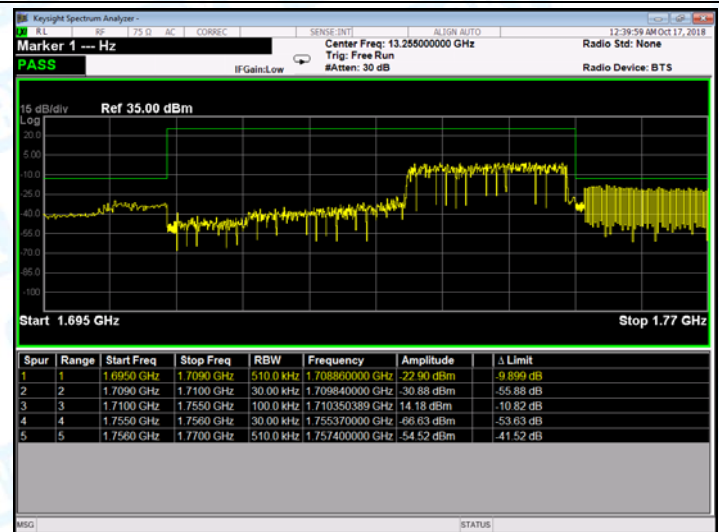
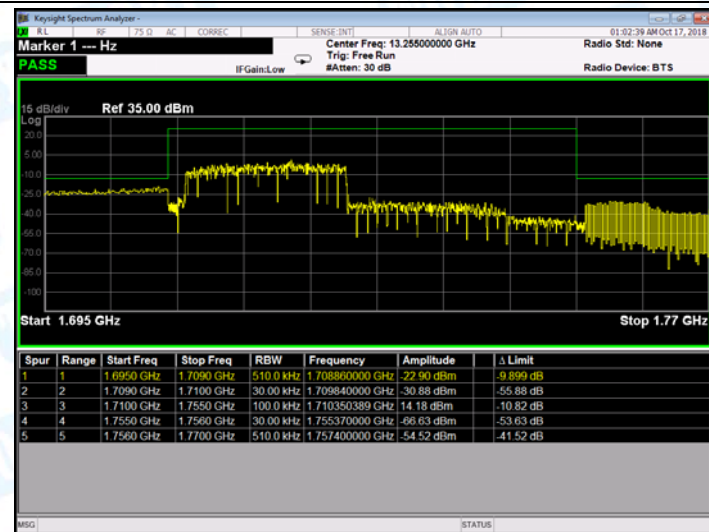
Low Channel

High Channel

LTE BAND 4 (20MHz RB Size 1& RB Offset 0 QPSK)



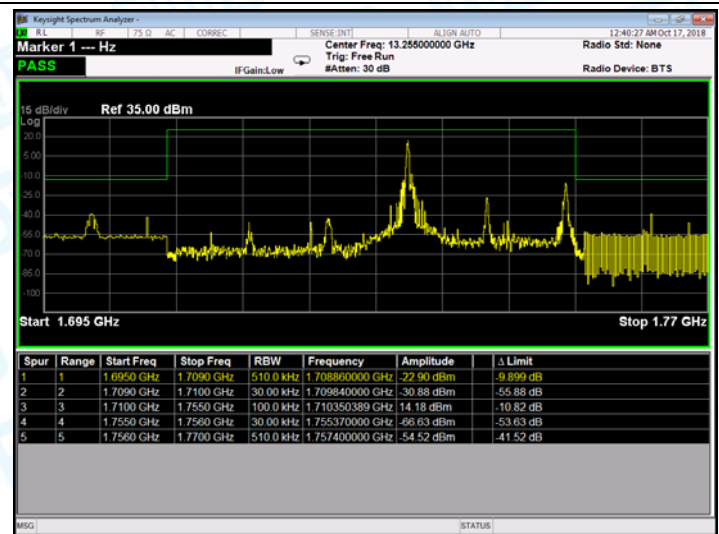
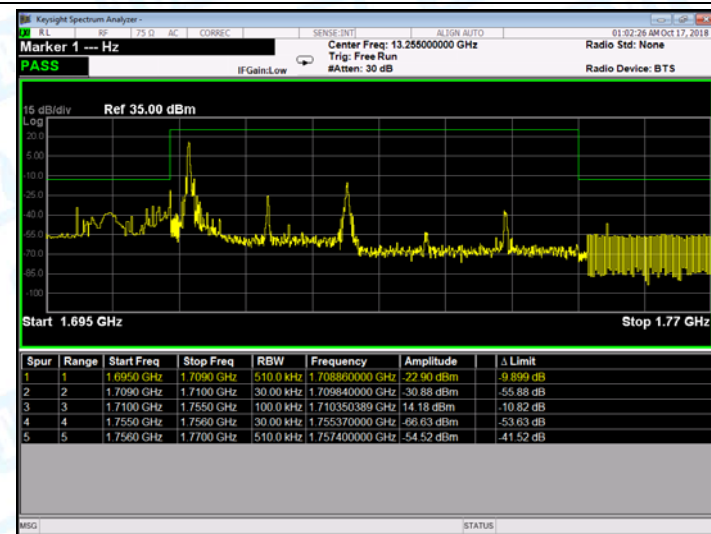
LTE BAND 4 (20MHz RB Size 100& RB Offset 0 QPSK)



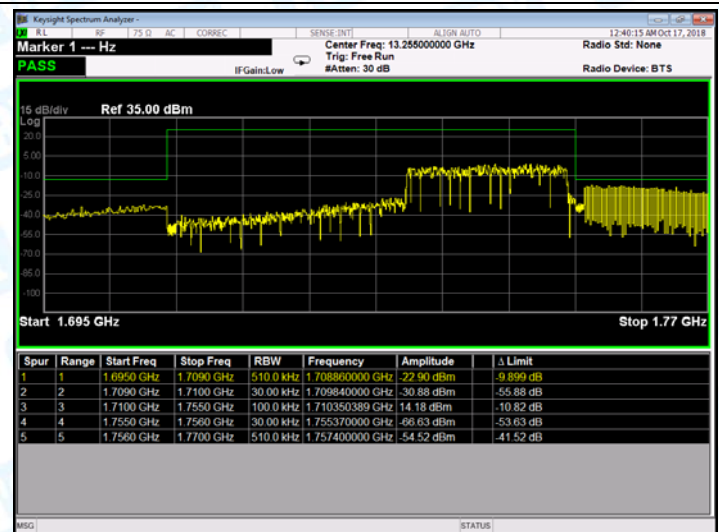
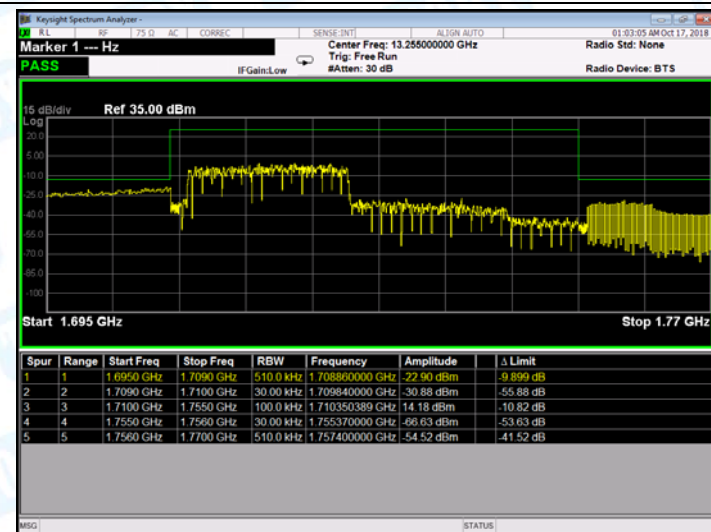
Low Channel

High Channel

LTE BAND 4 (20MHz RB Size 1& RB Offset 0 16QAM)



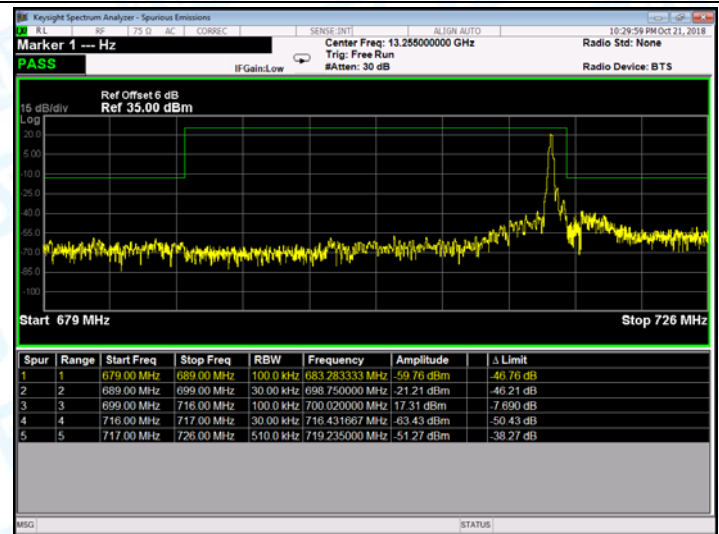
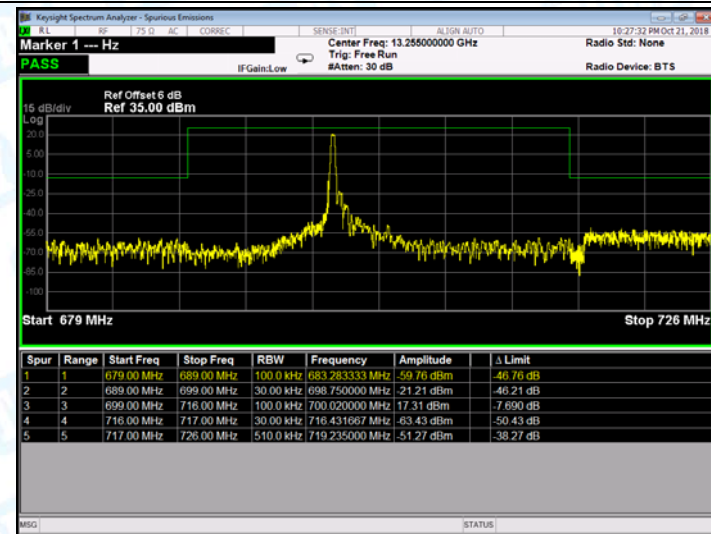
LTE BAND 4 (20MHz RB Size 100& RB Offset 0 16QAM)



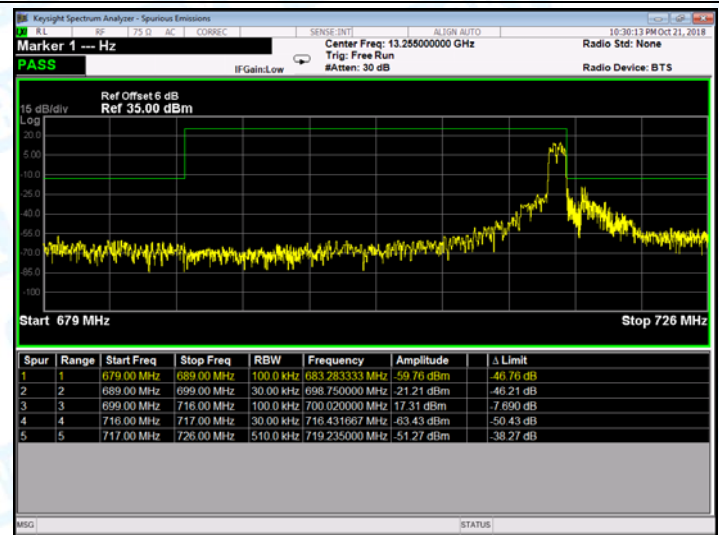
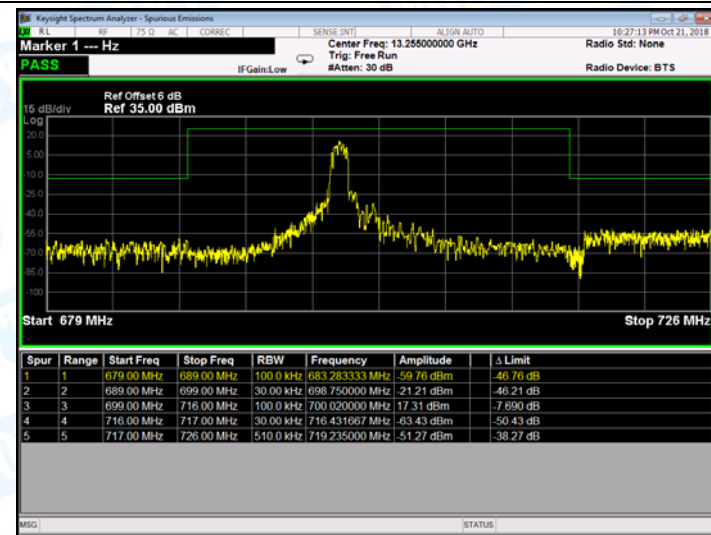
Low Channel

High Channel

LTE BAND 12 (1.4MHz RB Size 1& RB Offset 0 QPSK)



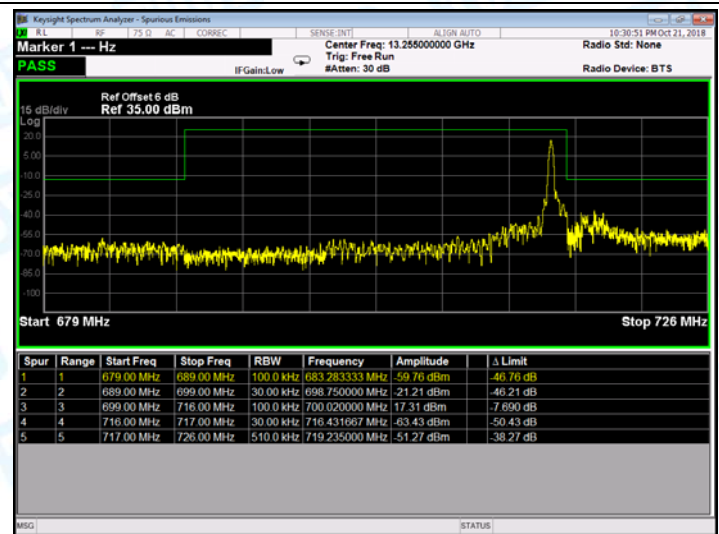
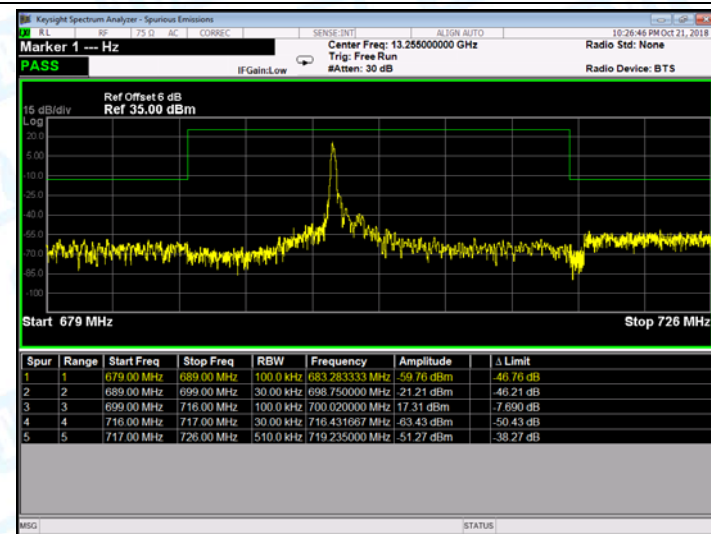
LTE BAND 12 (1.4MHz RB Size 6& RB Offset 0 QPSK)



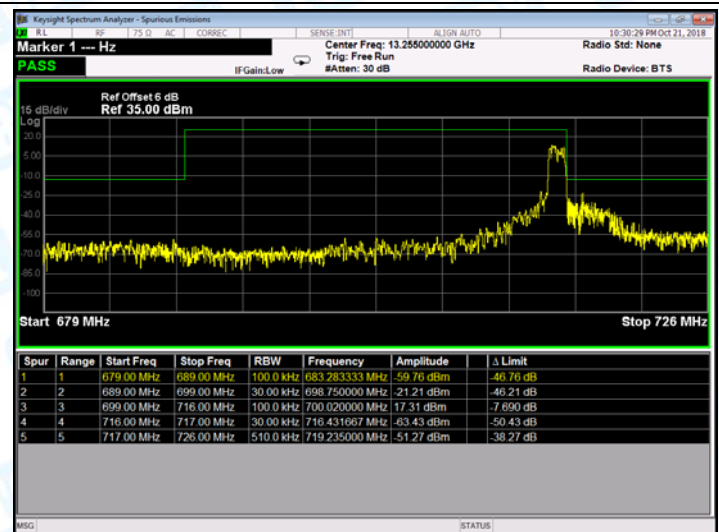
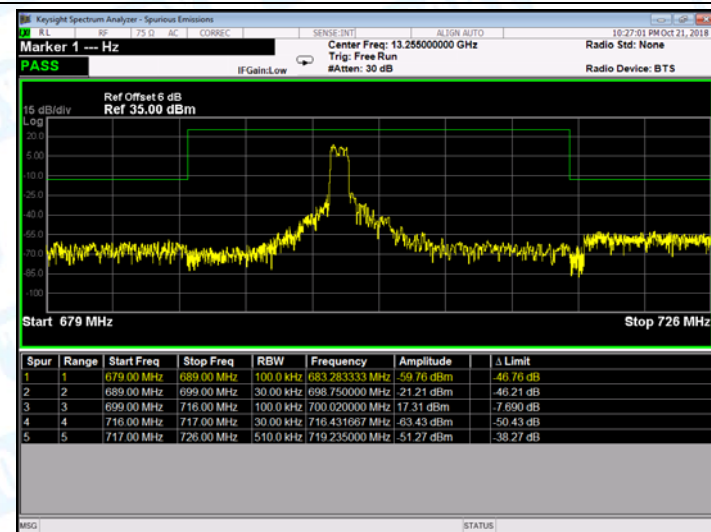
Low Channel

High Channel

LTE BAND 12 (1.4MHz RB Size 1& RB Offset 0 16QAM)



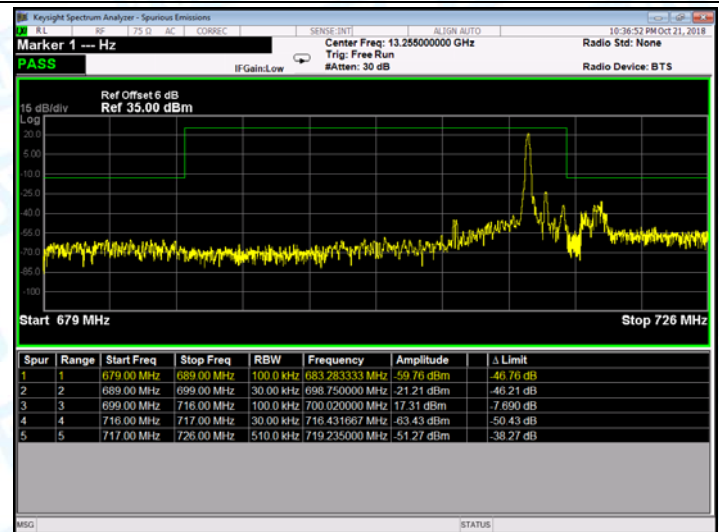
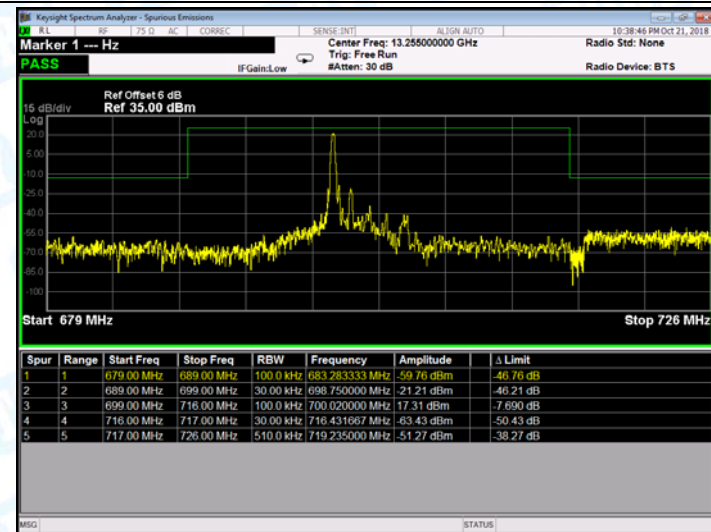
LTE BAND 12 (1.4MHz RB Size 6& RB Offset 0 16QAM)



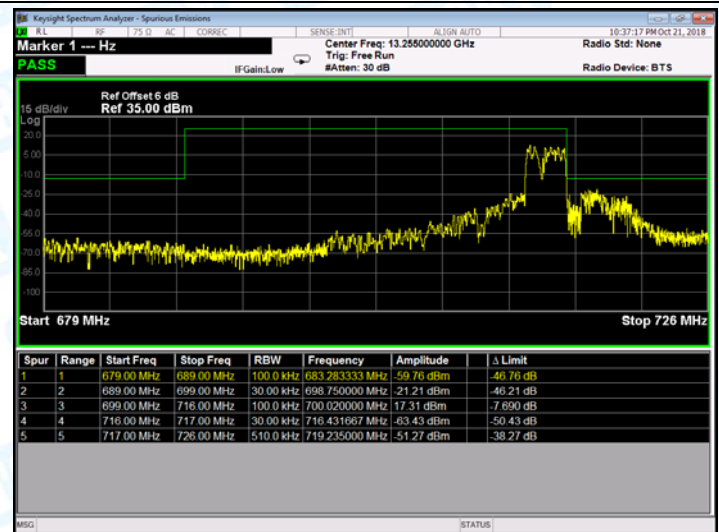
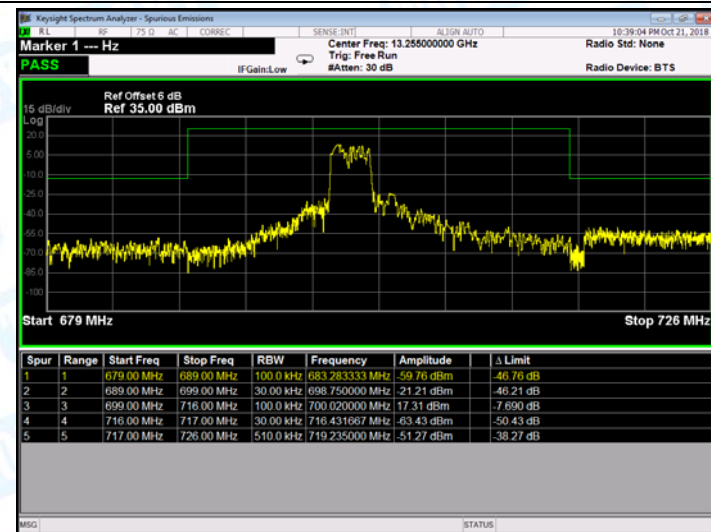
Low Channel

High Channel

LTE BAND 12 (3MHz RB Size 1& RB Offset 0 QPSK)



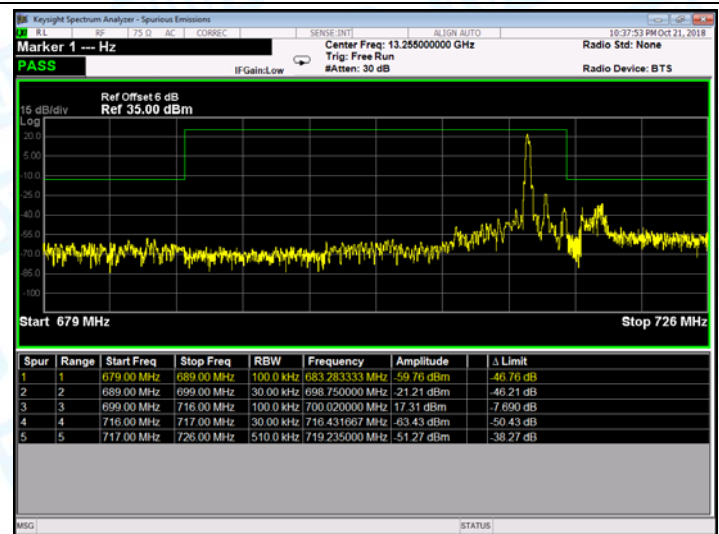
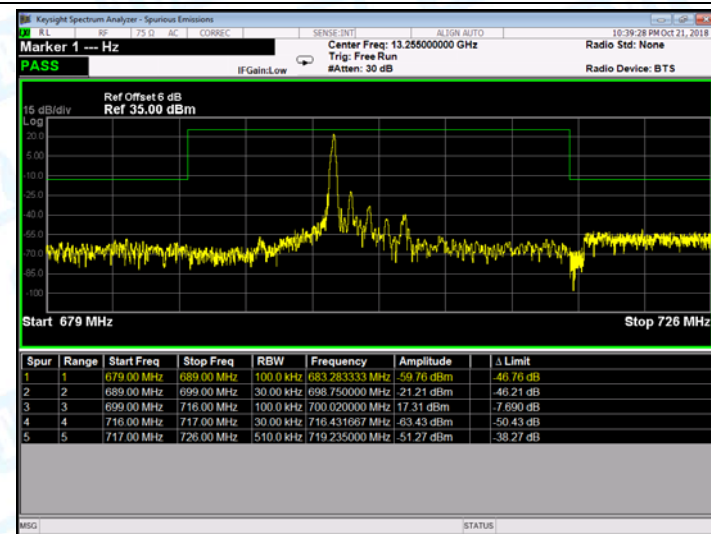
LTE BAND 12 (3MHz RB Size 15& RB Offset 0 QPSK)



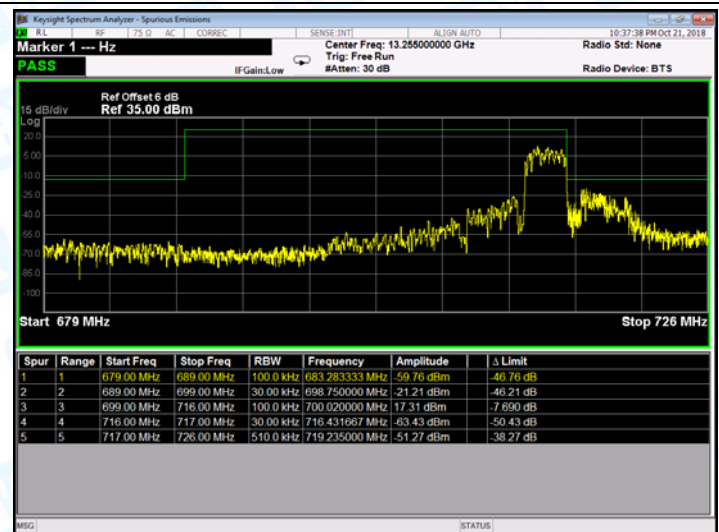
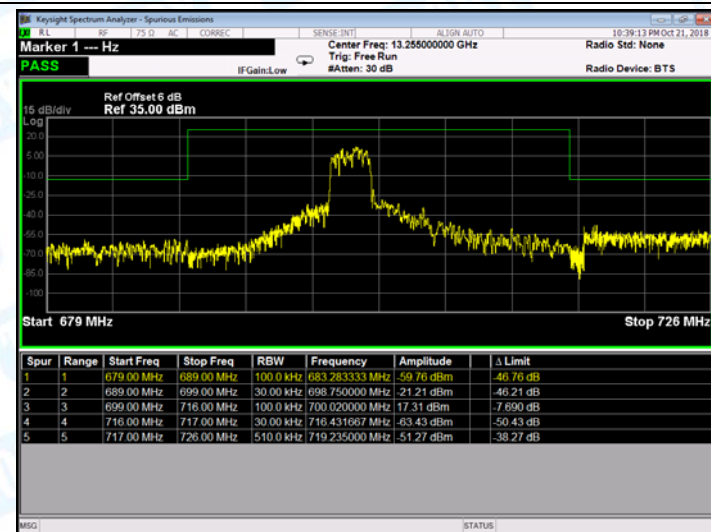
Low Channel

High Channel

LTE BAND 12 (3MHz RB Size 1& RB Offset 0 16QAM)



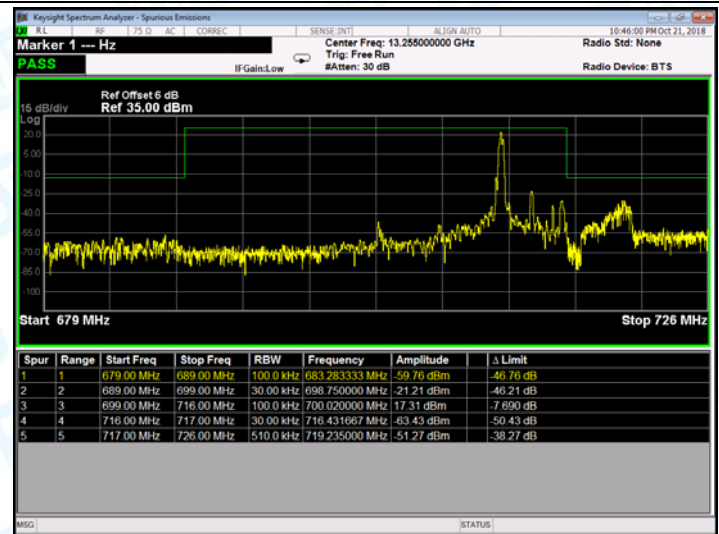
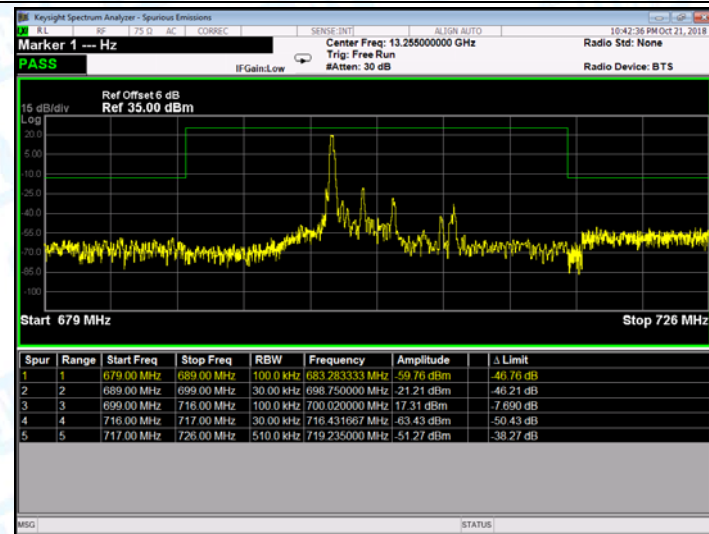
LTE BAND 12 (3MHz RB Size 15& RB Offset 0 16QAM)



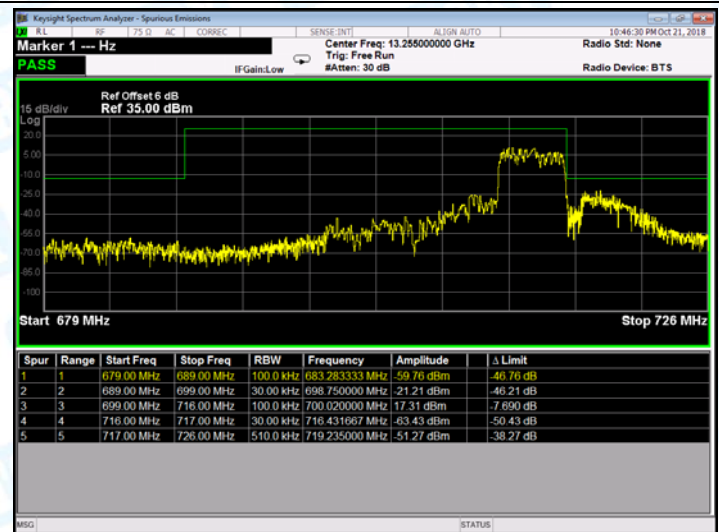
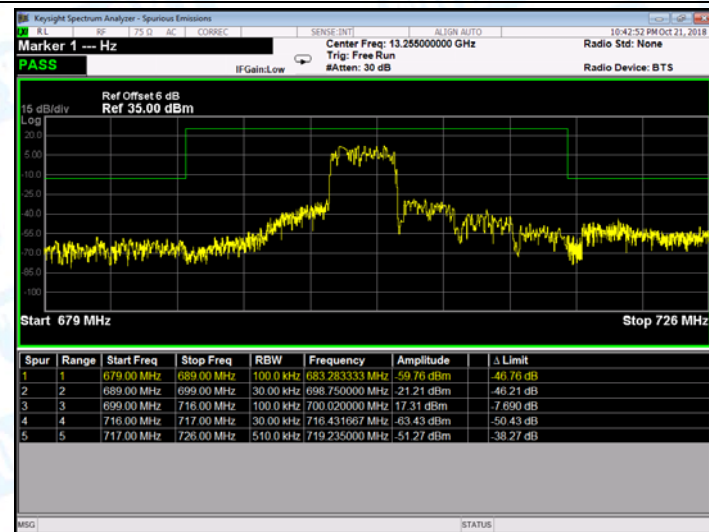
Low Channel

High Channel

LTE BAND 12 (5MHz RB Size 1& RB Offset 0 QPSK)



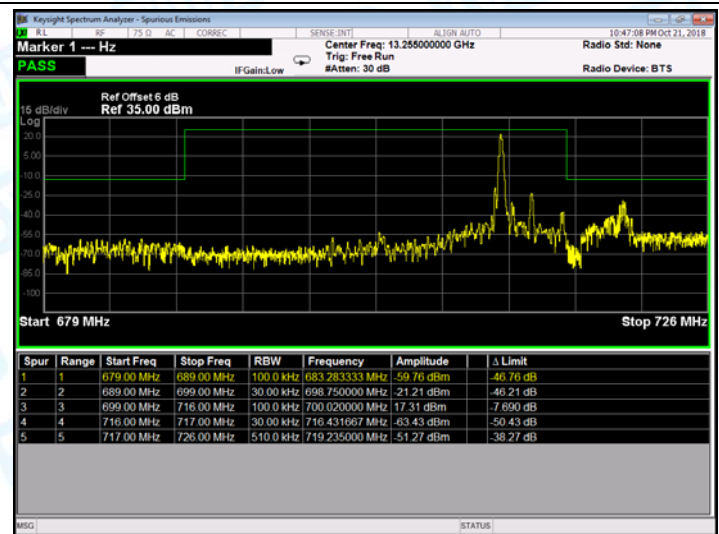
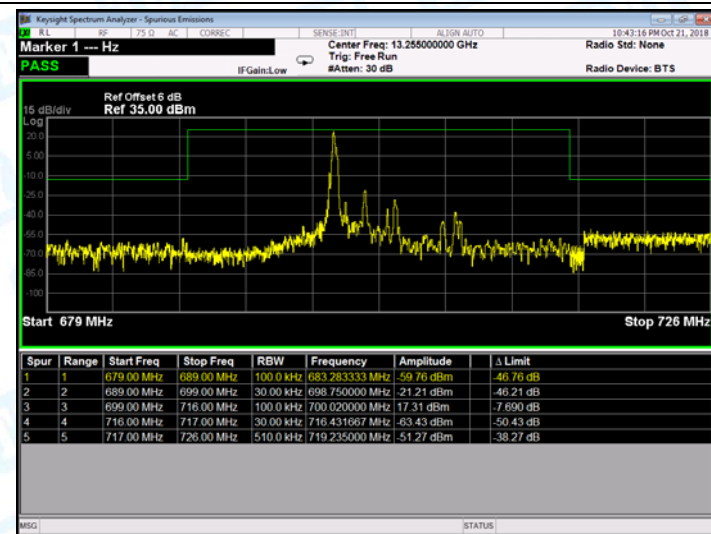
LTE BAND 12 (5MHz RB Size 25& RB Offset 0 QPSK)



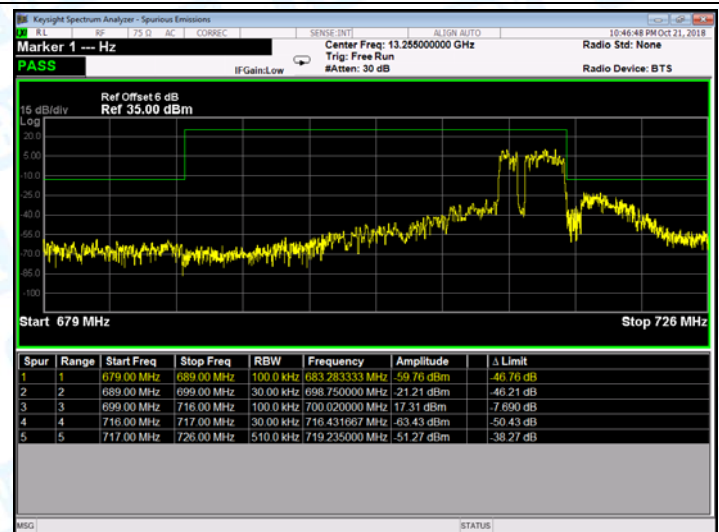
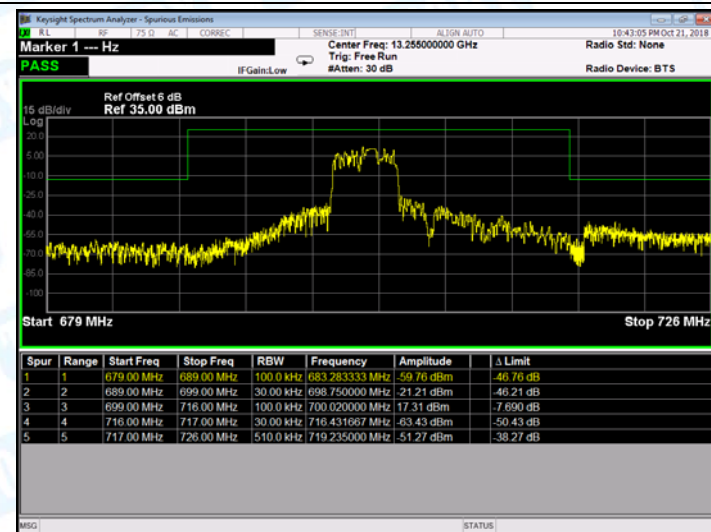
Low Channel

High Channel

LTE BAND 12 (5MHz RB Size 1& RB Offset 0 16QAM)



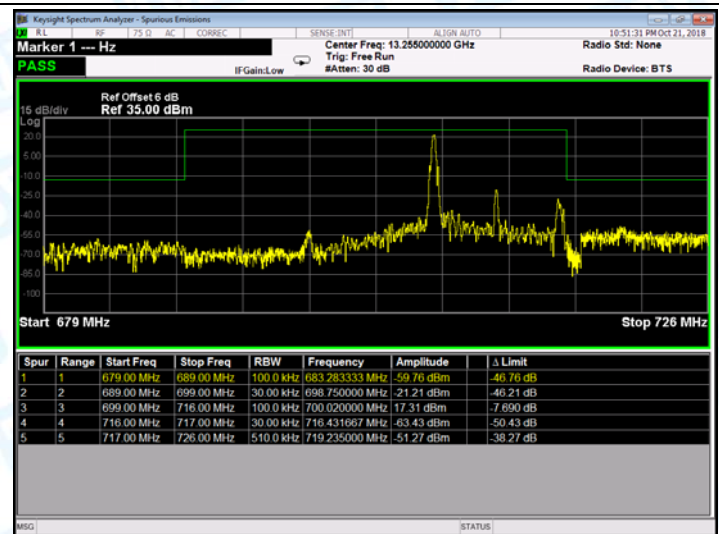
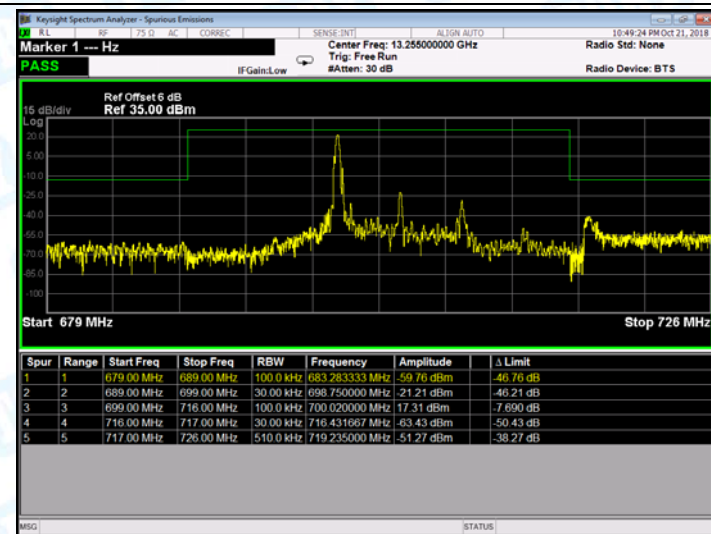
LTE BAND 12 (5MHz RB Size 25& RB Offset 0 16QAM)



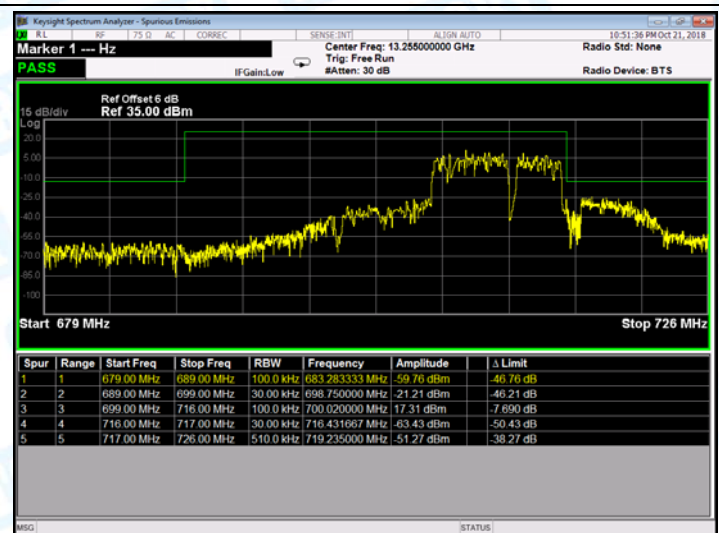
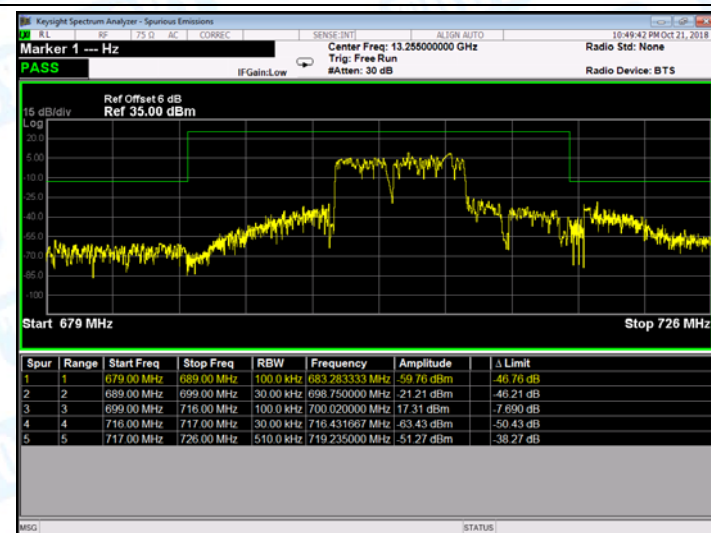
Low Channel

High Channel

LTE BAND 12 (10MHz RB Size 1& RB Offset 0 QPSK)



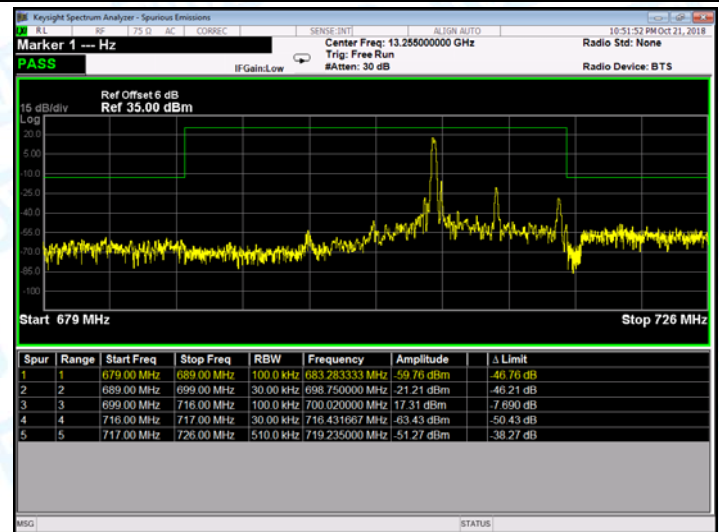
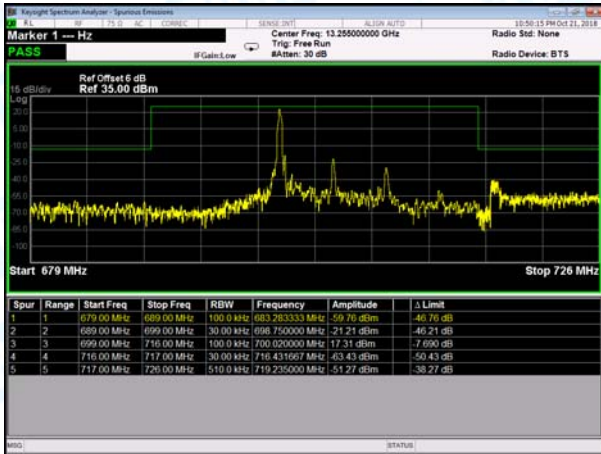
LTE BAND 12 (10MHz RB Size 50& RB Offset 0 QPSK)



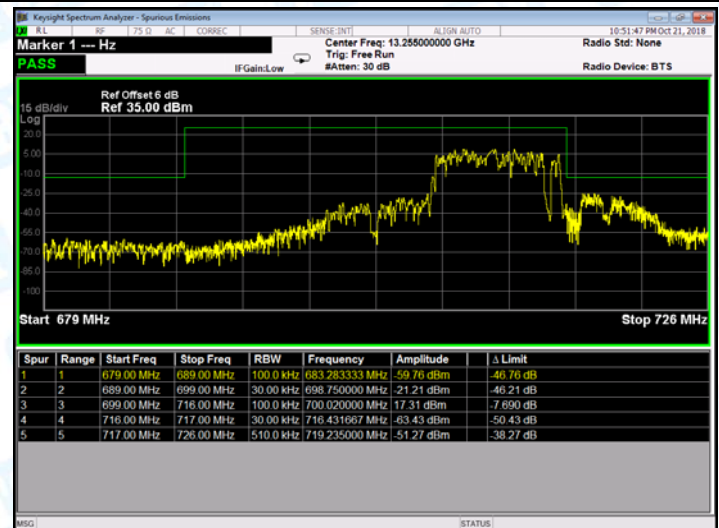
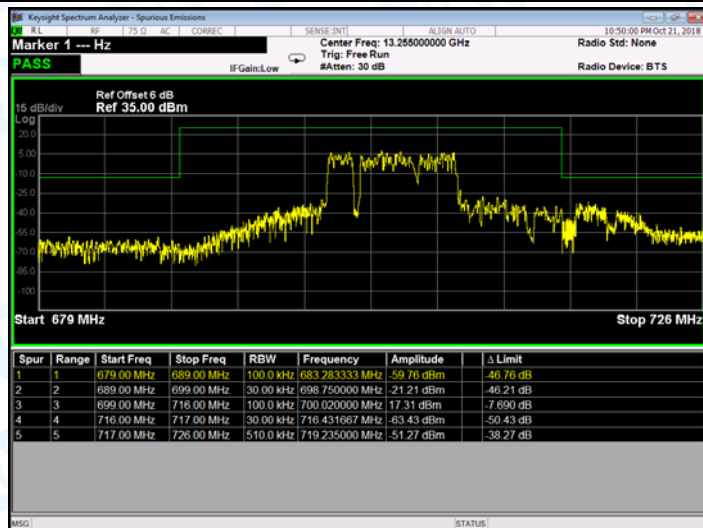
Low Channel

High Channel

LTE BAND 12 (10MHz RB Size 1& RB Offset 0 16QAM)



LTE BAND 12 (10MHz RB Size 50& RB Offset 0 16QAM)



ATTACHMENT F--RADIATED OUTPUT POWER

Radiated Power (EIRP) for LTE Band 2 / 1.4M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	20.92	5.01	2.59	23.34	0.216
				V	17.93	5.01	2.59	20.35	0.108
	1	0	Middle	H	21.73	4.82	2.59	23.96	0.249
				V	18.62	4.82	2.59	20.85	0.122
	1	0	Highest	H	21.83	4.45	2.59	23.69	0.234
				V	18.68	4.45	2.59	20.54	0.113
16QAM	1	0	Lowest	H	19.25	5.01	2.59	21.67	0.147
				V	17.10	5.01	2.59	19.52	0.090
	1	0	Middle	H	19.63	4.82	2.59	21.86	0.153
				V	17.31	4.82	2.59	19.54	0.090
	1	0	Highest	H	19.99	4.45	2.59	21.85	0.153
				V	17.79	4.45	2.59	19.65	0.092
Limit								33	2

Radiated Power (EIRP) for LTE Band 2 / 3M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	21.23	5.01	2.59	23.65	0.232
				V	18.83	5.01	2.59	21.25	0.133
	1	0	Middle	H	21.72	4.82	2.59	23.95	0.248
				V	19.19	4.82	2.59	21.42	0.139
	1	0	Highest	H	21.72	4.45	2.59	23.58	0.228
				V	19.10	4.45	2.59	20.96	0.125
16QAM	1	0	Lowest	H	19.83	5.01	2.59	22.25	0.168
				V	18.15	5.01	2.59	20.57	0.114
	1	0	Middle	H	20.34	4.82	2.59	22.57	0.181
				V	17.89	4.82	2.59	20.12	0.103
	1	0	Highest	H	20.00	4.45	2.59	21.86	0.153
				V	18.41	4.45	2.59	20.27	0.106
Limit								33	2

Radiated Power (EIRP) for LTE Band 2 / 5M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	20.54	5.01	2.59	22.96	0.198
				V	17.70	5.01	2.59	20.12	0.103
	1	0	Middle	H	21.01	4.82	2.59	23.24	0.211
				V	18.62	4.82	2.59	20.85	0.122
	1	0	Highest	H	21.59	4.45	2.59	23.45	0.221
				V	18.46	4.45	2.59	20.32	0.108
16QAM	1	0	Lowest	H	19.94	5.01	2.59	22.36	0.172
				V	17.23	5.01	2.59	19.65	0.092
	1	0	Middle	H	20.51	4.82	2.59	22.74	0.188
				V	17.35	4.82	2.59	19.58	0.091
	1	0	Highest	H	20.13	4.45	2.59	21.99	0.158
				V	17.38	4.45	2.59	19.24	0.084
Limit								33	2

Radiated Power (EIRP) for LTE Band 2 / 10M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	21.94	5.01	2.59	24.36	0.273
				V	17.79	5.01	2.59	20.21	0.105
	1	0	Middle	H	21.31	4.82	2.59	23.54	0.226
				V	17.89	4.82	2.59	20.12	0.103
	1	0	Highest	H	20.77	4.45	2.59	22.63	0.183
				V	18.10	4.45	2.59	19.96	0.099
16QAM	1	0	Lowest	H	19.56	5.01	2.59	21.98	0.158
				V	16.82	5.01	2.59	19.24	0.084
	1	0	Middle	H	19.83	4.82	2.59	22.06	0.161
				V	17.04	4.82	2.59	19.27	0.085
	1	0	Highest	H	20.28	4.45	2.59	22.14	0.164
				V	17.38	4.45	2.59	19.24	0.084
Limit								33	2

Radiated Power (EIRP) for LTE Band 2 / 15M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	20.79	5.01	2.59	23.21	0.209
				V	17.72	5.01	2.59	20.14	0.103
	1	0	Middle	H	21.31	4.82	2.59	23.54	0.226
				V	18.81	4.82	2.59	21.04	0.127
	1	0	Highest	H	21.79	4.45	2.59	23.65	0.232
				V	18.82	4.45	2.59	20.68	0.117
16QAM	1	0	Lowest	H	19.59	5.01	2.59	22.01	0.159
				V	17.10	5.01	2.59	19.52	0.090
	1	0	Middle	H	20.44	4.82	2.59	22.67	0.185
				V	17.46	4.82	2.59	19.69	0.093
	1	0	Highest	H	20.11	4.45	2.59	21.97	0.157
				V	18.25	4.45	2.59	20.11	0.103
Limit								33	2

Radiated Power (EIRP) for LTE Band 2 / 20M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	21.54	5.01	2.59	23.96	0.249
				V	17.72	5.01	2.59	20.14	0.103
	1	0	Middle	H	22.06	4.82	2.59	24.29	0.269
				V	18.79	4.82	2.59	21.02	0.126
	1	0	Highest	H	23.00	4.45	2.59	24.86	0.306
				V	18.88	4.45	2.59	20.74	0.119
16QAM	1	0	Lowest	H	20.70	5.01	2.59	23.12	0.205
				V	17.82	5.01	2.59	20.24	0.106
	1	0	Middle	H	20.42	4.82	2.59	22.65	0.184
				V	17.82	4.82	2.59	20.05	0.101
	1	0	Highest	H	20.88	4.45	2.59	22.74	0.188
				V	18.48	4.45	2.59	20.34	0.108
Limit								33	2

Radiated Power (EIRP) for LTE Band 4 / 1.4M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	21.09	5.01	2.59	23.51	0.224
				V	19.10	5.01	2.59	21.52	0.142
	1	0	Middle	H	21.61	4.82	2.59	23.84	0.242
				V	18.79	4.82	2.59	21.02	0.126
	1	0	Highest	H	21.71	4.45	2.59	23.57	0.228
				V	18.28	4.45	2.59	20.14	0.103
16QAM	1	0	Lowest	H	20.54	5.01	2.59	22.96	0.198
				V	17.10	5.01	2.59	19.52	0.090
	1	0	Middle	H	20.34	4.82	2.59	22.57	0.181
				V	17.80	4.82	2.59	20.03	0.101
	1	0	Highest	H	20.99	4.45	2.59	22.85	0.193
				V	18.19	4.45	2.59	20.05	0.101
Limit								30	1

Radiated Power (EIRP) for LTE Band 4 / 3M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	21.70	5.01	2.59	24.12	0.258
				V	19.10	5.01	2.59	21.52	0.142
	1	0	Middle	H	21.62	4.82	2.59	23.85	0.243
				V	19.01	4.82	2.59	21.24	0.133
	1	0	Highest	H	21.82	4.45	2.59	23.68	0.233
				V	18.99	4.45	2.59	20.85	0.122
16QAM	1	0	Lowest	H	19.70	5.01	2.59	22.12	0.163
				V	16.93	5.01	2.59	19.35	0.086
	1	0	Middle	H	19.46	4.82	2.59	21.69	0.148
				V	17.88	4.82	2.59	20.11	0.103
	1	0	Highest	H	19.81	4.45	2.59	21.67	0.147
				V	17.59	4.45	2.59	19.45	0.088
Limit								30	1

Radiated Power (EIRP) for LTE Band 4 / 5M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	21.02	5.01	2.59	23.44	0.221
				V	18.11	5.01	2.59	20.53	0.113
	1	0	Middle	H	20.98	4.82	2.59	23.21	0.209
				V	17.90	4.82	2.59	20.13	0.103
	1	0	Highest	H	21.40	4.45	2.59	23.26	0.212
				V	18.23	4.45	2.59	20.09	0.102
16QAM	1	0	Lowest	H	19.82	5.01	2.59	22.24	0.167
				V	18.94	5.01	2.59	21.36	0.137
	1	0	Middle	H	20.46	4.82	2.59	22.69	0.186
				V	17.94	4.82	2.59	20.17	0.104
	1	0	Highest	H	19.99	4.45	2.59	21.85	0.153
				V	17.97	4.45	2.59	19.83	0.096
Limit								30	1

Radiated Power (EIRP) for LTE Band 4 / 10M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	20.81	5.01	2.59	23.23	0.210
				V	18.06	5.01	2.59	20.48	0.112
	1	0	Middle	H	21.35	4.82	2.59	23.58	0.228
				V	18.80	4.82	2.59	21.03	0.127
	1	0	Highest	H	21.82	4.45	2.59	23.68	0.233
				V	19.46	4.45	2.59	21.32	0.136
16QAM	1	0	Lowest	H	19.44	5.01	2.59	21.86	0.153
				V	17.10	5.01	2.59	19.52	0.090
	1	0	Middle	H	19.34	4.82	2.59	21.57	0.144
				V	17.13	4.82	2.59	19.36	0.086
	1	0	Highest	H	19.10	4.45	2.59	20.96	0.125
				V	17.99	4.45	2.59	19.85	0.097
Limit								30	1

Radiated Power (EIRP) for LTE Band 4 / 15M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	21.94	5.01	2.59	24.36	0.273
				V	19.10	5.01	2.59	21.52	0.142
	1	0	Middle	H	21.18	4.82	2.59	23.41	0.219
				V	18.76	4.82	2.59	20.99	0.126
	1	0	Highest	H	21.72	4.45	2.59	23.58	0.228
				V	18.43	4.45	2.59	20.29	0.107
16QAM	1	0	Lowest	H	19.64	5.01	2.59	22.06	0.161
				V	18.60	5.01	2.59	21.02	0.126
	1	0	Middle	H	19.62	4.82	2.59	21.85	0.153
				V	17.29	4.82	2.59	19.52	0.090
	1	0	Highest	H	20.03	4.45	2.59	21.89	0.155
				V	18.18	4.45	2.59	20.04	0.101
Limit								30	1

Radiated Power (EIRP) for LTE Band 4 / 20M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	EIRP (dBm)	EIRP (W)
	Size	offset							
QPSK	1	0	Lowest	H	21.54	5.01	2.59	23.96	0.249
				V	18.15	5.01	2.59	20.57	0.114
	1	0	Middle	H	22.05	4.82	2.59	24.28	0.268
				V	19.59	4.82	2.59	21.82	0.152
	1	0	Highest	H	22.03	4.45	2.59	23.89	0.245
				V	19.17	4.45	2.59	21.03	0.127
16QAM	1	0	Lowest	H	19.54	5.01	2.59	21.96	0.157
				V	17.16	5.01	2.59	19.58	0.091
	1	0	Middle	H	20.55	4.82	2.59	22.78	0.190
				V	17.76	4.82	2.59	19.99	0.100
	1	0	Highest	H	20.21	4.45	2.59	22.07	0.161
				V	17.38	4.45	2.59	19.24	0.084
Limit								30	1

Radiated Power (ERP) for LTE Band 12 / 1.4M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	ERP (dBm)	ERP (W)
	Size	offset							
QPSK	1	0	Lowest	H	21.75	3.46	1.26	23.95	0.248
				V	19.05	3.46	1.26	21.25	0.133
	1	0	Middle	H	21.70	3.82	1.26	24.26	0.267
				V	18.67	3.82	1.26	21.23	0.133
	1	0	Highest	H	20.68	4.16	1.26	23.58	0.228
				V	17.96	4.16	1.26	20.86	0.122
16QAM	1	0	Lowest	H	19.76	3.46	1.26	21.96	0.157
				V	17.36	3.46	1.26	19.56	0.090
	1	0	Middle	H	19.30	3.82	1.26	21.86	0.153
				V	17.02	3.82	1.26	19.58	0.091
	1	0	Highest	H	19.16	4.16	1.26	22.06	0.161
				V	17.22	4.16	1.26	20.12	0.103
Limit								34.77	3

Radiated Power (ERP) for LTE Band 12 / 3M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	ERP (dBm)	ERP (W)
	Size	offset							
QPSK	1	0	Lowest	H	21.64	3.46	1.26	23.84	0.242
				V	17.94	3.46	1.26	20.14	0.103
	1	0	Middle	H	21.02	3.82	1.26	23.58	0.228
				V	17.57	3.82	1.26	20.13	0.103
	1	0	Highest	H	20.55	4.16	1.26	23.45	0.221
				V	17.26	4.16	1.26	20.16	0.104
16QAM	1	0	Lowest	H	19.83	3.46	1.26	22.03	0.160
				V	17.32	3.46	1.26	19.52	0.090
	1	0	Middle	H	19.61	3.82	1.26	22.17	0.165
				V	17.10	3.82	1.26	19.66	0.092
	1	0	Highest	H	19.18	4.16	1.26	22.08	0.161
				V	21.64	3.46	1.26	23.84	0.242
Limit								34.77	3

Radiated Power (ERP) for LTE Band 12 / 5M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	ERP (dBm)	ERP (W)
	Size	offset							
QPSK	1	0	Lowest	H	21.38	3.46	1.26	23.58	0.228
				V	18.65	3.46	1.26	20.85	0.122
	1	0	Middle	H	20.85	3.82	1.26	23.41	0.219
				V	18.58	3.82	1.26	21.14	0.130
	1	0	Highest	H	20.95	4.16	1.26	23.85	0.243
				V	17.97	4.16	1.26	20.87	0.122
16QAM	1	0	Lowest	H	20.67	3.46	1.26	22.87	0.194
				V	17.76	3.46	1.26	19.96	0.099
	1	0	Middle	H	19.33	3.82	1.26	21.89	0.155
				V	16.58	3.82	1.26	19.14	0.082
	1	0	Highest	H	19.04	4.16	1.26	21.94	0.156
				V	16.33	4.16	1.26	19.23	0.084
Limit								34.77	3

Radiated Power (ERP) for LTE Band 12 / 10M									
Modulation	RB		Channel	Antenna (H&V)	SG Level (dBm)	Antenna Factor (dBd)	Cable Loss (dB)	ERP (dBm)	ERP (W)
	Size	offset							
QPSK	1	0	Lowest	H	22.12	3.46	1.26	24.32	0.270
				V	19.08	3.46	1.26	21.28	0.134
	1	0	Middle	H	21.30	3.82	1.26	23.86	0.243
				V	17.98	3.82	1.26	20.54	0.113
	1	0	Highest	H	20.98	4.16	1.26	23.88	0.244
				V	17.95	4.16	1.26	20.85	0.122
16QAM	1	0	Lowest	H	19.76	3.46	1.26	21.96	0.157
				V	16.58	3.46	1.26	18.78	0.076
	1	0	Middle	H	19.43	3.82	1.26	21.99	0.158
				V	16.41	3.82	1.26	18.97	0.079
	1	0	Highest	H	19.19	4.16	1.26	22.09	0.162
				V	16.86	4.16	1.26	19.76	0.095
Limit								34.77	3

ATTACHMENT G--RADIATED OUT BAND OF EMISSIONS

Measurement Data (worst case)

Test mode:	LTE BAND 2 1.4MHz(RB size 1 & RB offset 0) for QPSK						
Channel:	Middle			Date of Test:	2018-10-09		
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
3759.90	Horizontal	-41.72	14.94	6.24	-20.54	-13.00	Pass
5640.20	H	-45.53	13.87	7.98	-23.68		
7519.60	H	-51.01	14.49	9.68	-26.84		
3759.90	Vertical	-41.89	15.97	6.24	-19.68	-13.00	Pass
5640.20	V	-44.76	13.94	7.98	-22.84		
7519.60	V	-49.49	13.87	9.68	-25.94		
Remark: 1, The testing has been conformed to 10*1880MHz=18800MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							

Test mode:	LTE BAND 2 3MHz(RB size 1 & RB offset 0) for QPSK						
Channel:	Middle			Date of Test:	2018-10-09		
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
3759.90	Horizontal	-42.02	14.94	6.24	-20.84	-13.00	Pass
5640.20	H	-45.39	13.87	7.98	-23.54		
7519.60	H	-49.98	14.49	9.68	-25.81		
3759.90	Vertical	-42.35	15.97	6.24	-20.14	-13.00	Pass
5640.20	V	-44.15	13.94	7.98	-22.23		
7519.60	V	-48.29	13.87	9.68	-24.74		
Remark: 1, The testing has been conformed to 10*1880MHz=18800MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							

Test mode:	LTE BAND 2 5MHz(RB size 1 & RB offset 0) for QPSK						
Channel:	Middle			Date of Test:	2018-10-09		
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
3759.90	Horizontal	-41.63	14.94	6.24	-20.45	-13.00	Pass
5640.20	H	-44.69	13.87	7.98	-22.84		
7519.60	H	-48.29	14.49	9.68	-24.12		
3759.90	Vertical	-41.55	15.97	6.24	-19.34	-13.00	Pass
5640.20	V	-43.39	13.94	7.98	-21.47		
7519.60	V	-47.40	13.87	9.68	-23.85		
Remark: 1, The testing has been conformed to 10*1880MHz=18800MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							

Test mode:	LTE BAND 2 10MHz(RB size 1 & RB offset 0) for QPSK						
Channel:	Middle			Date of Test:	2018-10-09		
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
3759.90	Horizontal	-42.59	14.94	6.24	-21.41	-13.00	Pass
5640.20	H	-46.59	13.87	7.98	-24.74		
7519.60	H	-50.91	14.49	9.68	-26.74		
3759.90	Vertical	-42.62	15.97	6.24	-20.41	-13.00	Pass
5640.20	V	-45.37	13.94	7.98	-23.45		
7519.60	V	-50.32	13.87	9.68	-26.77		
Remark: 1, The testing has been conformed to 10*1880MHz=18800MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							

Test mode:	LTE BAND 2 15MHz(RB size 1 & RB offset 0) for QPSK						
Channel:	Middle			Date of Test:	2018-10-09		
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
3759.90	Horizontal	-41.52	14.94	6.24	-20.34	-13.00	Pass
5640.20	H	-46.10	13.87	7.98	-24.25		
7519.60	H	-50.58	14.49	9.68	-26.41		
3759.90	Vertical	-40.95	15.97	6.24	-18.74	-13.00	Pass
5640.20	V	-44.33	13.94	7.98	-22.41		
7519.60	V	-49.22	13.87	9.68	-25.67		
Remark: 1, The testing has been conformed to 10*1880MHz=18800MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							

Test mode:	LTE BAND 2 20MHz(RB size 1 & RB offset 0) for QPSK						
Channel:	Middle			Date of Test:	2018-10-09		
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
3759.90	Horizontal	-41.52	14.94	6.24	-20.34	-13.00	Pass
5640.20	H	-44.60	13.87	7.98	-22.75		
7519.60	H	-51.58	14.49	9.68	-27.41		
3759.90	Vertical	-41.96	15.97	6.24	-19.75	-13.00	Pass
5640.20	V	-43.59	13.94	7.98	-21.67		
7519.60	V	-50.02	13.87	9.68	-26.47		
Remark: 1, The testing has been conformed to 10*1880MHz=18800MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							

Test mode:	LTE BAND 4 1.4MHz(RB size 1 & RB offset 0) for QPSK						
Channel:	Middle			Date of Test:	2018-10-09		
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
3465.99	Horizontal	-40.96	14.70	6.12	-20.14	-13.00	Pass
5198.98	H	-44.94	13.67	7.86	-23.41		
6932.13	H	-50.09	14.27	9.54	-26.28		
3465.99	Vertical	-40.58	15.81	6.12	-18.65	-13.00	Pass
5198.98	V	-45.74	13.80	7.86	-24.08		
6932.13	V	-48.78	13.40	9.54	-25.84		
Remark: 1, The testing has been conformed to 10*1732.5MHz=17325MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							

Test mode:	LTE BAND 4 3MHz(RB size 1 & RB offset 0) for QPSK						
Channel:	Middle			Date of Test:	2018-10-09		
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
3465.99	Horizontal	-40.96	14.70	6.12	-20.14	-13.00	Pass
5198.98	H	-44.94	13.67	7.86	-23.41		
6932.13	H	-50.09	14.27	9.54	-26.28		
3465.99	Vertical	-44.24	15.81	6.12	-22.31	-13.00	Pass
5198.98	V	-47.87	13.80	7.86	-26.21		
6932.13	V	-50.79	13.40	9.54	-27.85		
Remark: 1, The testing has been conformed to 10*1732.5MHz=17325MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							

Test mode:	LTE BAND 4 5MHz(RB size 1 & RB offset 0) for QPSK						
Channel:	Middle			Date of Test:	2018-10-09		
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
3465.99	Horizontal	-41.27	14.70	6.12	-20.45	-13.00	Pass
5198.98	H	-44.00	13.67	7.86	-22.47		
6932.13	H	-49.28	14.27	9.54	-25.47		
3465.99	Vertical	-41.58	15.81	6.12	-19.65	-13.00	Pass
5198.98	V	-43.81	13.80	7.86	-22.15		
6932.13	V	-49.08	13.40	9.54	-26.14		
Remark: 1, The testing has been conformed to 10*1732.5MHz=17325MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							

Test mode:	LTE BAND 4 10MHz(RB size 1 & RB offset 0) for QPSK						
Channel:	Middle			Date of Test:	2018-10-09		
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
3465.99	Horizontal	-40.49	14.70	6.12	-19.67	-13.00	Pass
5198.98	H	-43.11	13.67	7.86	-21.58		
6932.13	H	-48.05	14.27	9.54	-24.24		
3465.99	Vertical	-42.34	15.81	6.12	-20.41	-13.00	Pass
5198.98	V	-44.03	13.80	7.86	-22.37		
6932.13	V	-48.61	13.40	9.54	-25.67		
Remark: 1, The testing has been conformed to 10*1732.5MHz=17325MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							

Test mode:	LTE BAND 4 15MHz(RB size 1 & RB offset 0) for QPSK						
Channel:	Middle			Date of Test:	2018-10-09		
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
3465.99	Horizontal	-41.13	14.70	6.12	-20.31	-13.00	Pass
5198.98	H	-43.90	13.67	7.86	-22.37		
6932.13	H	-49.45	14.27	9.54	-25.64		
3465.99	Vertical	-41.60	15.81	6.12	-19.67	-13.00	Pass
5198.98	V	-41.87	13.80	7.86	-20.21		
6932.13	V	-47.61	13.40	9.54	-24.67		
Remark: 1, The testing has been conformed to 10*1732.5MHz=17325MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							

Test mode:	LTE BAND 4 20MHz(RB size 1 & RB offset 0) for QPSK						
Channel:	Middle			Date of Test:	2018-10-09		
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
3465.99	Horizontal	-40.50	14.70	6.12	-19.68	-13.00	Pass
5198.98	H	-43.11	13.67	7.86	-21.58		
6932.13	H	-48.06	14.27	9.54	-24.25		
3465.99	Vertical	-42.07	15.81	6.12	-20.14	-13.00	Pass
5198.98	V	-44.02	13.80	7.86	-22.36		
6932.13	V	-46.91	13.40	9.54	-23.97		
Remark: 1, The testing has been conformed to 10*1732.5MHz=17325MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							

Test mode:	LTE BAND 12 1.4MHz(RB size 1 & RB offset 0) for QPSK						
Channel:	Middle			Date of Test:	2018-10-09		
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
1414.80	Horizontal	-31.31	7.49	3.97	-19.85	-13.00	Pass
2122.70	H	-34.23	7.03	5.05	-22.15		
2829.60	H	-43.00	12.48	5.98	-24.54		
1414.80	Vertical	-32.44	8.02	3.97	-20.45	-13.00	Pass
2122.70	V	-38.73	10.47	5.05	-23.21		
2829.60	V	-49.66	16.92	5.98	-26.76		
Remark: 1, The testing has been conformed to 10*707.50MHz=7075.0MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							

Test mode:	LTE BAND 12 3MHz(RB size 1 & RB offset 0) for QPSK						
Channel:	Middle			Date of Test:	2018-10-09		
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
1414.80	Horizontal	-30.88	7.49	3.97	-19.42	-13.00	Pass
2122.70	H	-33.73	7.03	5.05	-21.65		
2829.60	H	-42.31	12.48	5.98	-23.85		
1414.80	Vertical	-30.75	8.02	3.97	-18.76	-13.00	Pass
2122.70	V	-38.27	10.47	5.05	-22.75		
2829.60	V	-48.37	16.92	5.98	-25.47		
Remark: 1, The testing has been conformed to 10*707.50MHz=7075.0MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							

Test mode:	LTE BAND 12 5MHz(RB size 1 & RB offset 0) for QPSK						
Channel:	Middle			Date of Test:	2018-10-09		
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
1414.80	Horizontal	-30.21	7.49	3.97	-18.75	-13.00	Pass
2122.70	H	-32.51	7.03	5.05	-20.43		
2829.60	H	-43.11	12.48	5.98	-24.65		
1414.80	Vertical	-31.73	8.02	3.97	-19.74	-13.00	Pass
2122.70	V	-38.93	10.47	5.05	-23.41		
2829.60	V	-49.37	16.92	5.98	-26.47		
Remark: 1, The testing has been conformed to 10*707.50MHz=7075.0MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							

Test mode:	LTE BAND 12 10MHz(RB size 1 & RB offset 0) for QPSK						
Channel:	Middle			Date of Test:	2018-10-09		
Frequency (MHz)	Spurious Emission					Limit (dBm)	Result
	Polarization (H&V)	Read Level (dBm)	Antenna Correct Factor (dBi)	Cable Loss (dB)	Emission Level (dBm)		
1414.80	Horizontal	-30.78	7.49	3.97	-19.32	-13.00	Pass
2122.70	H	-34.64	7.03	5.05	-22.56		
2829.60	H	-43.13	12.48	5.98	-24.67		
1414.80	Vertical	-32.16	8.02	3.97	-20.17	-13.00	Pass
2122.70	V	-39.20	10.47	5.05	-23.68		
2829.60	V	-48.67	16.92	5.98	-25.77		
Remark: 1, The testing has been conformed to 10*707.50MHz=7075.0MHz. 2, All other emissions more than 30 dB below the limit. 3, Emission Level= Read Level+ Antenna Correct Factor +Cable Loss							

ATTACHMENT H--FREQUENCY STABILITY

Temperature Variation					
Reference Frequency: LTE Band 2 QPSK(1.4MHz) Middle channel=18900 Frequency=1880.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	120	0.0638	±2.5	Pass
	-20	134	0.0713		
	-10	152	0.0809		
	0	147	0.0782		
	10	168	0.0894		
	20	178	0.0947		
	30	169	0.0899		
	40	178	0.0947		
	50	154	0.0819		
Reference Frequency: LTE Band 2 QPSK(3MHz) Middle channel=18900 Frequency=1880.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	117	0.0622	±2.5	Pass
	-20	152	0.0809		
	-10	146	0.0777		
	0	158	0.0840		
	10	174	0.0926		
	20	168	0.0894		
	30	135	0.0718		
	40	148	0.0787		
	50	169	0.0899		
Reference Frequency: LTE Band 2 QPSK(5MHz) Middle channel=18900 Frequency=1880.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	96	0.0511	±2.5	Pass
	-20	105	0.0559		
	-10	124	0.0660		
	0	99	0.0527		
	10	113	0.0601		
	20	145	0.0771		
	30	138	0.0734		
	40	127	0.0676		
	50	185	0.0984		
Reference Frequency: LTE Band 2 QPSK(10MHz) Middle channel=18900 Frequency=1880.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	136	0.0723	±2.5	Pass
	-20	142	0.0755		
	-10	125	0.0665		
	0	146	0.0777		
	10	158	0.0840		
	20	173	0.0920		
	30	149	0.0793		
	40	156	0.0830		
	50	175	0.0931		

Temperature Variation					
Reference Frequency: LTE Band 2 QPSK(15MHz) Middle channel=18900 Frequency=1880.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	109	0.0580	±2.5	Pass
	-20	112	0.0596		
	-10	135	0.0718		
	0	125	0.0665		
	10	142	0.0755		
	20	123	0.0654		
	30	174	0.0926		
	40	159	0.0846		
	50	144	0.0766		
Reference Frequency: LTE Band 2 QPSK(20MHz) Middle channel=18900 Frequency=1880.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	123	0.0654	±2.5	Pass
	-20	145	0.0771		
	-10	128	0.0681		
	0	189	0.1005		
	10	124	0.0660		
	20	118	0.0628		
	30	156	0.0830		
	40	178	0.0947		
	50	169	0.0899		

Temperature Variation					
Reference Frequency: LTE Band 4 QPSK(1.4MHz) Middle channel=20175 Frequency=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	96	0.0554	±2.5	Pass
	-20	102	0.0589		
	-10	89	0.0514		
	0	113	0.0652		
	10	128	0.0739		
	20	103	0.0595		
	30	99	0.0571		
	40	108	0.0623		
	50	117	0.0675		
Reference Frequency: LTE Band 4 QPSK(3MHz) Middle channel=20175 Frequency=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	127	0.0733	±2.5	Pass
	-20	108	0.0623		
	-10	119	0.0687		
	0	107	0.0618		
	10	99	0.0571		
	20	104	0.0600		
	30	116	0.0670		
	40	124	0.0716		
	50	137	0.0791		
Reference Frequency: LTE Band 4 QPSK(5MHz) Middle channel=20175 Frequency=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	128	0.0739	±2.5	Pass
	-20	115	0.0664		
	-10	109	0.0629		
	0	125	0.0722		
	10	106	0.0612		
	20	123	0.0710		
	30	158	0.0912		
	40	142	0.0820		
	50	138	0.0797		
Reference Frequency: LTE Band 4 QPSK(10MHz) Middle channel=20175 Frequency=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	109	0.0629	±2.5	Pass
	-20	115	0.0664		
	-10	98	0.0566		
	0	105	0.0606		
	10	145	0.0837		
	20	136	0.0785		
	30	119	0.0687		
	40	120	0.0693		
	50	100	0.0577		

Temperature Variation					
Reference Frequency: LTE Band 4 QPSK(15MHz) Middle channel=20175 Frequency=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	122	0.0704	±2.5	Pass
	-20	143	0.0825		
	-10	152	0.0877		
	0	119	0.0687		
	10	124	0.0716		
	20	158	0.0912		
	30	129	0.0745		
	40	118	0.0681		
	50	109	0.0629		
Reference Frequency: LTE Band 4 QPSK(20MHz) Middle channel=20175 Frequency=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	185	0.1068	±2.5	Pass
	-20	169	0.0975		
	-10	175	0.1010		
	0	168	0.0970		
	10	153	0.0883		
	20	149	0.0860		
	30	174	0.1004		
	40	159	0.0918		
	50	173	0.0999		

Temperature Variation					
Reference Frequency: LTE Band 12 QPSK(1.4MHz) Middle channel=23095 Frequency=707.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	158	0.2233	±2.5	Pass
	-20	162	0.2290		
	-10	141	0.1993		
	0	169	0.2389		
	10	175	0.2473		
	20	143	0.2021		
	30	153	0.2163		
	40	144	0.2035		
	50	138	0.1951		
Reference Frequency: LTE Band 12 QPSK(3MHz) Middle channel=23095 Frequency=707.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	136	0.1922	±2.5	Pass
	-20	185	0.2615		
	-10	154	0.2177		
	0	174	0.2459		
	10	153	0.2163		
	20	195	0.2756		
	30	177	0.2502		
	40	158	0.2233		
	50	122	0.1724		
Reference Frequency: LTE Band 12 QPSK(5MHz) Middle channel=23095 Frequency=707.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	149	0.2106	±2.5	Pass
	-20	155	0.2191		
	-10	164	0.2318		
	0	125	0.1767		
	10	185	0.2615		
	20	178	0.2516		
	30	164	0.2318		
	40	173	0.2445		
	50	152	0.2148		
Reference Frequency: LTE Band 12 QPSK(10MHz) Middle channel=23095 Frequency=707.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	147	0.2078	±2.5	Pass
	-20	168	0.2375		
	-10	124	0.1753		
	0	185	0.2615		
	10	174	0.2459		
	20	125	0.1767		
	30	148	0.2092		
	40	185	0.2615		
	50	179	0.2530		

Temperature Variation					
Reference Frequency: LTE Band 2 16QAM (1.4MHz) Middle channel=18900 Frequency=1880.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	147	0.0782	±2.5	Pass
	-20	177	0.0944		
	-10	133	0.0709		
	0	140	0.0747		
	10	134	0.0712		
	20	186	0.0988		
	30	159	0.0847		
	40	124	0.0661		
	50	117	0.0625		
Reference Frequency: LTE Band 2 16QAM (3MHz) Middle channel=18900 Frequency=1880.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	168	0.0894	±2.5	Pass
	-20	189	0.1003		
	-10	152	0.0810		
	0	139	0.0742		
	10	197	0.1050		
	20	185	0.0982		
	30	177	0.0943		
	40	155	0.0825		
	50	192	0.1020		
Reference Frequency: LTE Band 2 16QAM (5MHz) Middle channel=18900 Frequency=1880.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	157	0.0835	±2.5	Pass
	-20	196	0.1043		
	-10	137	0.0729		
	0	159	0.0848		
	10	176	0.0935		
	20	195	0.1038		
	30	167	0.0886		
	40	156	0.0830		
	50	118	0.0629		
Reference Frequency: LTE Band 2 16QAM (10MHz) Middle channel=18900 Frequency=1880.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	164	0.0872	±2.5	Pass
	-20	170	0.0906		
	-10	141	0.0753		
	0	142	0.0755		
	10	150	0.0800		
	20	158	0.0839		
	30	160	0.0850		
	40	177	0.0944		
	50	188	0.1002		

Temperature Variation					
Reference Frequency: LTE Band 2 16QAM (15MHz) Middle channel=18900 Frequency=1880.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	112	0.0596	±2.5	Pass
	-20	139	0.0741		
	-10	147	0.0783		
	0	88	0.0471		
	10	97	0.0518		
	20	130	0.0693		
	30	132	0.0703		
	40	117	0.0620		
	50	87	0.0461		
Reference Frequency: LTE Band 2 16QAM(20MHz) Middle channel=18900 Frequency=1880.0MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	124	0.0660	±2.5	Pass
	-20	147	0.0780		
	-10	138	0.0735		
	0	150	0.0797		
	10	103	0.0548		
	20	123	0.0656		
	30	164	0.0870		
	40	112	0.0595		
	50	109	0.0578		

Temperature Variation					
Reference Frequency: LTE Band 4 16QAM(1.4MHz) Middle channel=20175 Frequency=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	119	0.0687	±2.5	Pass
	-20	152	0.0879		
	-10	114	0.0660		
	0	158	0.0914		
	10	135	0.0777		
	20	121	0.0697		
	30	82	0.0473		
	40	123	0.0708		
	50	149	0.0861		
Reference Frequency: LTE Band 4 16QAM(3MHz) Middle channel=20175 Frequency=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	129	0.0745	±2.5	Pass
	-20	142	0.0820		
	-10	122	0.0702		
	0	122	0.0704		
	10	102	0.0589		
	20	167	0.0964		
	30	141	0.0811		
	40	164	0.0948		
	50	142	0.0822		
Reference Frequency: LTE Band 4 16QAM(5MHz) Middle channel=20175 Frequency=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	120	0.0693	±2.5	Pass
	-20	109	0.0630		
	-10	85	0.0491		
	0	113	0.0652		
	10	126	0.0728		
	20	108	0.0623		
	30	133	0.0767		
	40	150	0.0868		
	50	133	0.0770		
Reference Frequency: LTE Band 4 16QAM(10MHz) Middle channel=20175 Frequency=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	134	0.0773	±2.5	Pass
	-20	138	0.0794		
	-10	156	0.0903		
	0	131	0.0755		
	10	134	0.0774		
	20	150	0.0865		
	30	131	0.0755		
	40	107	0.0615		
	50	111	0.0643		

Temperature Variation					
Reference Frequency: LTE Band 4 16QAM(15MHz) Middle channel=20175 Frequency=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	146	0.0843	±2.5	Pass
	-20	144	0.0833		
	-10	155	0.0892		
	0	178	0.1029		
	10	127	0.0732		
	20	181	0.1042		
	30	140	0.0806		
	40	138	0.0796		
	50	124	0.0713		
Reference Frequency: LTE Band 4 16QAM(20MHz) Middle channel=20175 Frequency=1732.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	165	0.0952	±2.5	Pass
	-20	148	0.0854		
	-10	200	0.1154		
	0	164	0.0947		
	10	130	0.0749		
	20	126	0.0729		
	30	169	0.0978		
	40	136	0.0783		
	50	159	0.0915		

Temperature Variation					
Reference Frequency: LTE Band 12 16QAM(1.4MHz) Middle channel=23095 Frequency=707.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	132	0.1866	±2.5	Pass
	-20	93	0.1312		
	-10	103	0.1451		
	0	165	0.2327		
	10	99	0.1397		
	20	130	0.1836		
	30	128	0.1810		
	40	117	0.1647		
	50	156	0.2198		
Reference Frequency: LTE Band 12 16QAM(3MHz) Middle channel=23095 Frequency=707.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	121	0.1710	±2.5	Pass
	-20	109	0.1534		
	-10	123	0.1736		
	0	83	0.1172		
	10	149	0.2100		
	20	135	0.1903		
	30	87	0.1224		
	40	159	0.2246		
	50	143	0.2015		
Reference Frequency: LTE Band 12 16QAM(5MHz) Middle channel=23095 Frequency=707.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	115	0.1625	±2.5	Pass
	-20	147	0.2077		
	-10	143	0.2023		
	0	139	0.1966		
	10	142	0.2013		
	20	100	0.1408		
	30	109	0.1539		
	40	124	0.1757		
	50	97	0.1377		
Reference Frequency: LTE Band 12 16QAM(10MHz) Middle channel=23095 Frequency=707.5MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
18.0	-30	123	0.1739	±2.5	Pass
	-20	149	0.2109		
	-10	87	0.1232		
	0	138	0.1949		
	10	85	0.1200		
	20	123	0.1738		
	30	125	0.1765		
	40	135	0.1907		
	50	157	0.2215		

Voltage Variation					
Reference Frequency: LTE Band 2 QPSK(1.4MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	213	0.1133	±2.5	Pass
	18.0	247	0.1313		
	20.0	181	0.0963		
Reference Frequency: LTE Band 2 QPSK(3MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	225	0.1199	±2.5	Pass
	18.0	221	0.1173		
	20.0	228	0.1215		
Reference Frequency: LTE Band 2 QPSK(5MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	232	0.1233	±2.5	Pass
	18.0	187	0.0996		
	20.0	235	0.1248		
Reference Frequency: LTE Band 2 QPSK(10MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	195	0.1037	±2.5	Pass
	18.0	181	0.0962		
	20.0	226	0.1202		
Reference Frequency: LTE Band 2 QPSK(15MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	156	0.0829	±2.5	Pass
	18.0	177	0.0942		
	20.0	168	0.0893		
Reference Frequency: LTE Band 2 QPSK(20MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	201	0.1071	±2.5	Pass
	18.0	234	0.1242		
	20.0	205	0.1092		

Voltage Variation					
Reference Frequency: LTE Band 4 QPSK(1.4MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	224	0.1293	±2.5	Pass
	18.0	251	0.1449		
	20.0	195	0.1124		
Reference Frequency: LTE Band 4 QPSK(3MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	264	0.1522	±2.5	Pass
	18.0	206	0.1191		
	20.0	194	0.1119		
Reference Frequency: LTE Band 4 QPSK(5MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	228	0.1314	±2.5	Pass
	18.0	231	0.1333		
	20.0	200	0.1157		
Reference Frequency: LTE Band 4 QPSK(10MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	208	0.1201	±2.5	Pass
	18.0	240	0.1387		
	20.0	194	0.1121		
Reference Frequency: LTE Band 4 QPSK(15MHz) Middle channel=20175 Frequency=1732.5MHz z					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	205	0.1180	±2.5	Pass
	18.0	179	0.1032		
	20.0	179	0.1036		
Reference Frequency: LTE Band 4 QPSK(20MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	175	0.1008	±2.5	Pass
	18.0	225	0.1296		
	20.0	192	0.1105		

Voltage Variation					
Reference Frequency: LTE Band 12 QPSK(1.4MHz) Middle channel=23095 Frequency=707.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	241	0.3406	±2.5	Pass
	18.0	236	0.3331		
	20.0	218	0.3082		
Reference Frequency: LTE Band 12 QPSK(3MHz) Middle channel=23095 Frequency=707.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	277	0.3919	±2.5	Pass
	18.0	246	0.3473		
	20.0	279	0.3947		
Reference Frequency: LTE Band 12 QPSK(5MHz) Middle channel=23095 Frequency=707.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	203	0.2876	±2.5	Pass
	18.0	228	0.3222		
	20.0	264	0.3734		
Reference Frequency: LTE Band 12 QPSK(10MHz) Middle channel=23095 Frequency=707.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	209	0.2949	±2.5	Pass
	18.0	162	0.2292		
	20.0	189	0.2678		

Voltage Variation					
Reference Frequency: LTE Band 2 16QAM(1.4MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	184	0.0979	±2.5	Pass
	18.0	145	0.0771		
	20.0	191	0.1016		
Reference Frequency: LTE Band 2 16QAM(3MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	158	0.0842	±2.5	Pass
	18.0	216	0.1148		
	20.0	165	0.0877		
Reference Frequency: LTE Band 2 16QAM(5MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	178	0.0948	±2.5	Pass
	18.0	178	0.0947		
	20.0	157	0.0837		
Reference Frequency: LTE Band 2 16QAM(10MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	208	0.1106	±2.5	Pass
	18.0	205	0.1092		
	20.0	245	0.1303		
Reference Frequency: LTE Band 2 16QAM(15MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	170	0.0906	±2.5	Pass
	18.0	244	0.1297		
	20.0	177	0.0942		
Reference Frequency: LTE Band 2 16QAM(20MHz) Middle channel=18900 Frequency=1880.0MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	208	0.1108	±2.5	Pass
	18.0	206	0.1096		
	20.0	188	0.0998		

Voltage Variation					
Reference Frequency: LTE Band 4 16QAM(1.4MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	186	0.1074	±2.5	Pass
	18.0	155	0.0893		
	20.0	151	0.0871		
Reference Frequency: LTE Band 4 16QAM (3MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	225	0.1301	±2.5	Pass
	18.0	164	0.0946		
	20.0	161	0.0927		
Reference Frequency: LTE Band 4 16QAM (5MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	159	0.0919	±2.5	Pass
	18.0	189	0.1089		
	20.0	162	0.0938		
Reference Frequency: LTE Band 4 16QAM (10MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	195	0.1126	±2.5	Pass
	18.0	207	0.1193		
	20.0	234	0.1351		
Reference Frequency: LTE Band 4 16QAM (15MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	194	0.1117	±2.5	Pass
	18.0	229	0.1319		
	20.0	185	0.1065		
Reference Frequency: LTE Band 4 16QAM (20MHz) Middle channel=20175 Frequency=1732.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	186	0.1072	±2.5	Pass
	18.0	159	0.0920		
	20.0	201	0.1161		

Voltage Variation					
Reference Frequency: LTE Band 12 16QAM(1.4MHz) Middle channel=23095 Frequency=707.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	185	0.2615	±2.5	Pass
	18.0	221	0.3126		
	20.0	172	0.2426		
Reference Frequency: LTE Band 12 16QAM(3MHz) Middle channel=23095 Frequency=707.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	197	0.2778	±2.5	Pass
	18.0	186	0.2628		
	20.0	180	0.2542		
Reference Frequency: LTE Band 12 16QAM(5MHz) Middle channel=23095 Frequency=707.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	209	0.2961	±2.5	Pass
	18.0	164	0.2321		
	20.0	180	0.2538		
Reference Frequency: LTE Band 12 16QAM(10MHz) Middle channel=23095 Frequency=707.5MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	15.0	195	0.2756	±2.5	Pass
	18.0	182	0.2574		
	20.0	203	0.2873		

-----End of Report-----