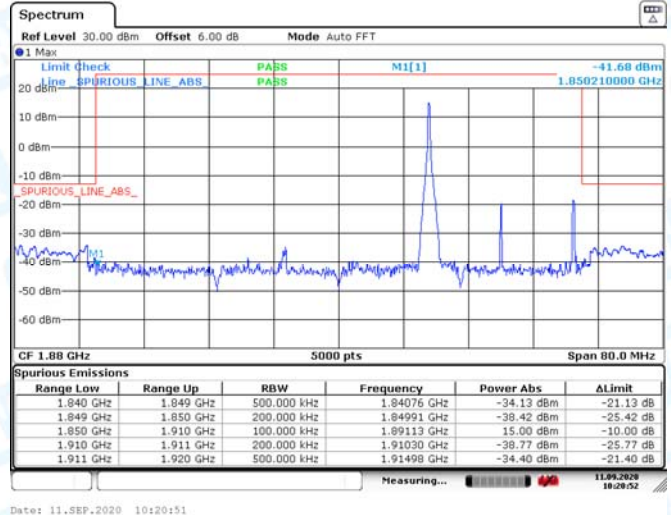
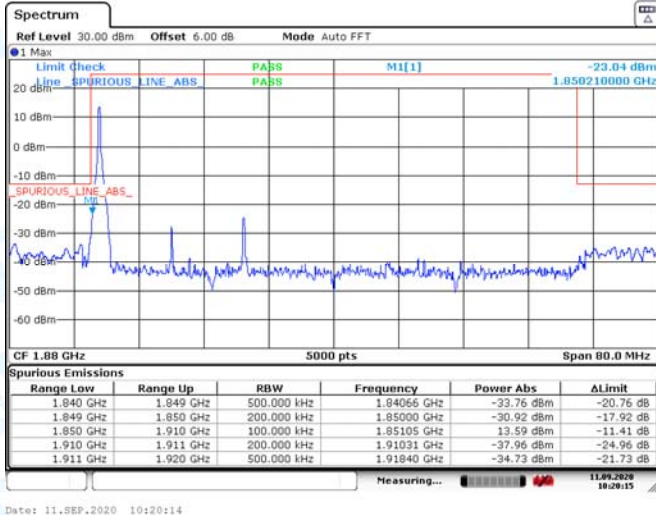


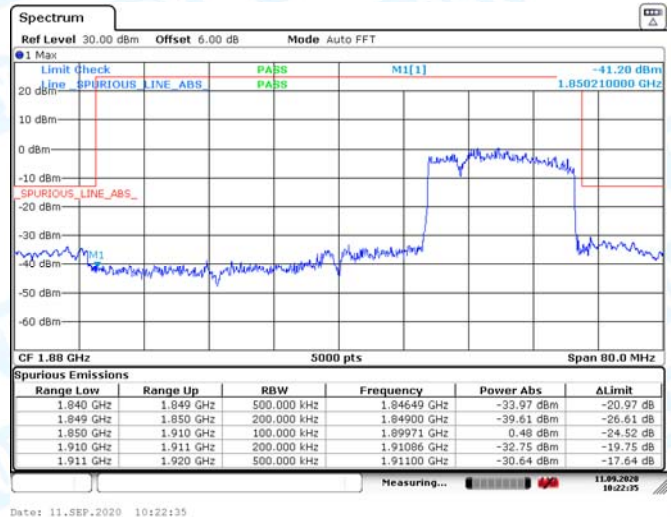
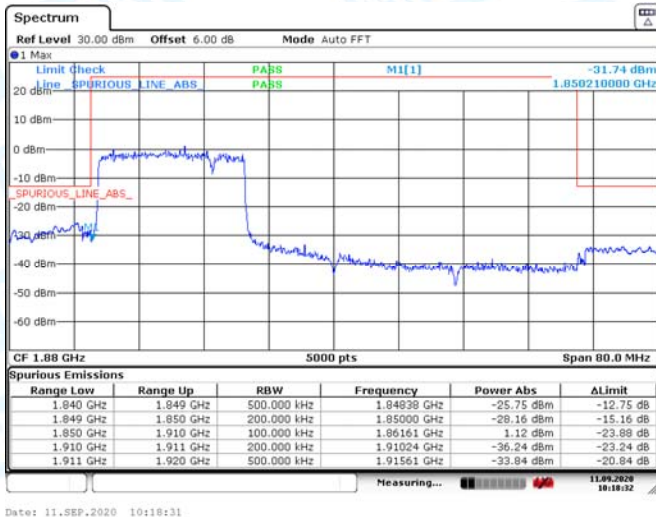
Low Channel

High Channel

LTE BAND 2 (20MHz RB Size 1& RB Offset 0 QPSK)



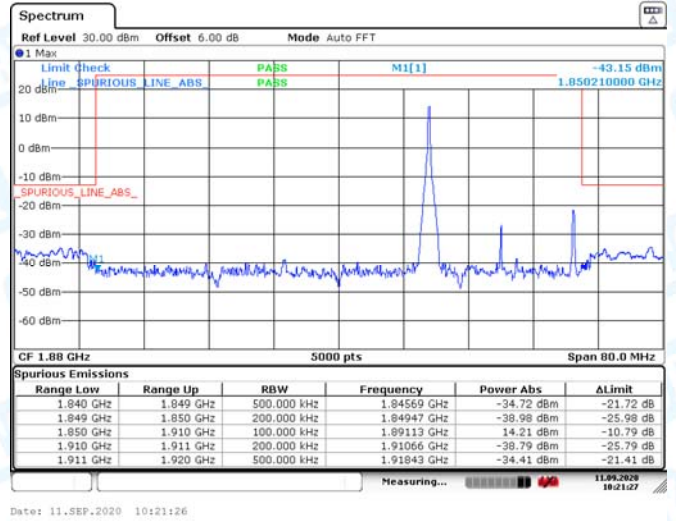
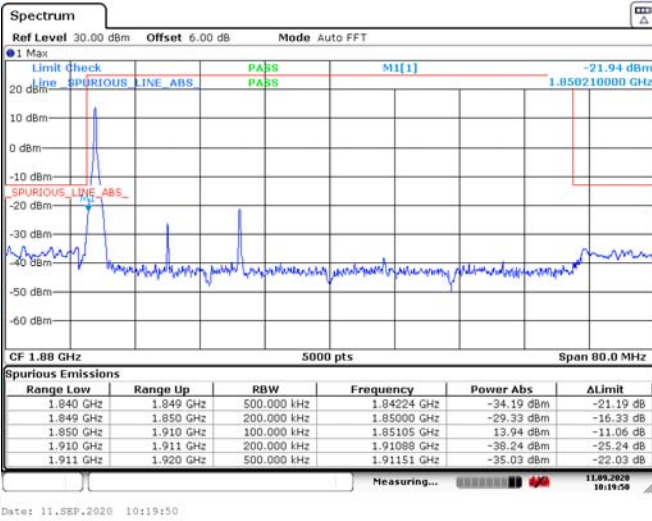
LTE BAND 2 (20MHz RB Size 100& RB Offset 0 QPSK)



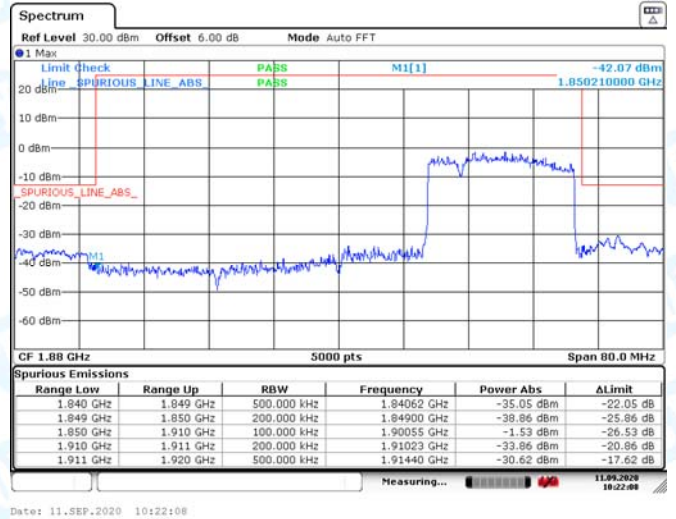
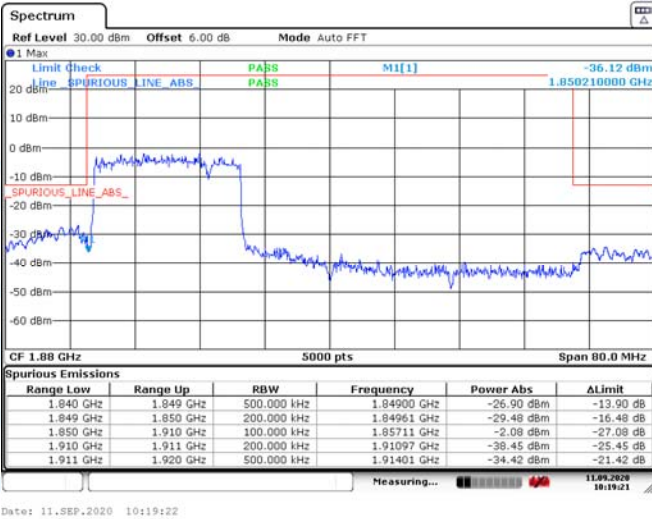
Low Channel

High Channel

LTE BAND 2 (20MHz RB Size 1& RB Offset 0 16QAM)



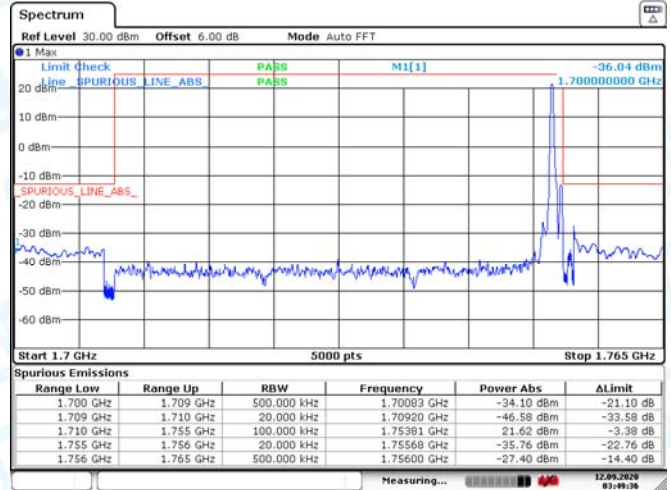
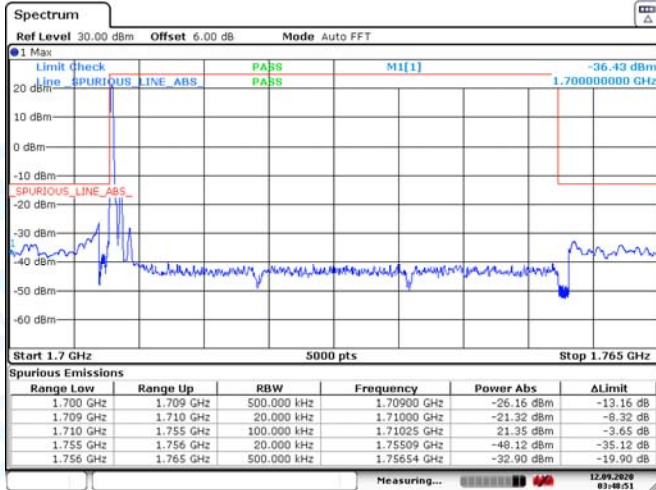
LTE BAND 2 (20MHz RB Size 100& RB Offset 0 16QAM)



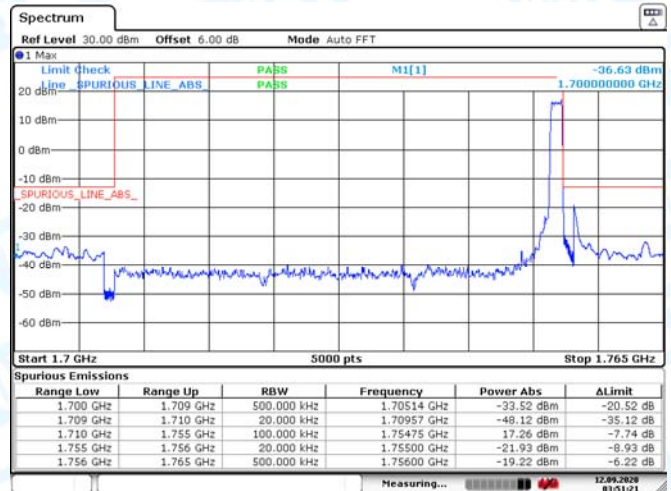
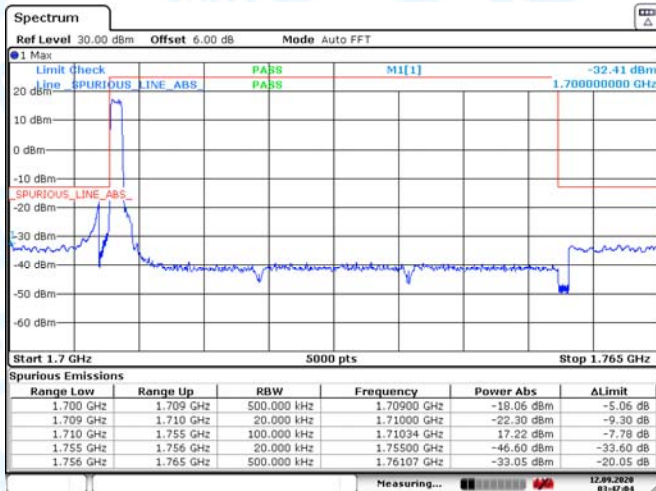
Low Channel

High Channel

LTE BAND 4 (1.4MHz RB Size 1& RB Offset 0 QPSK)



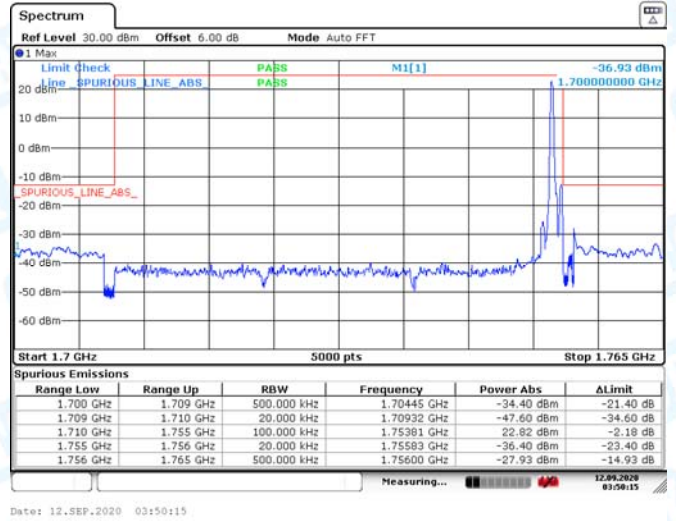
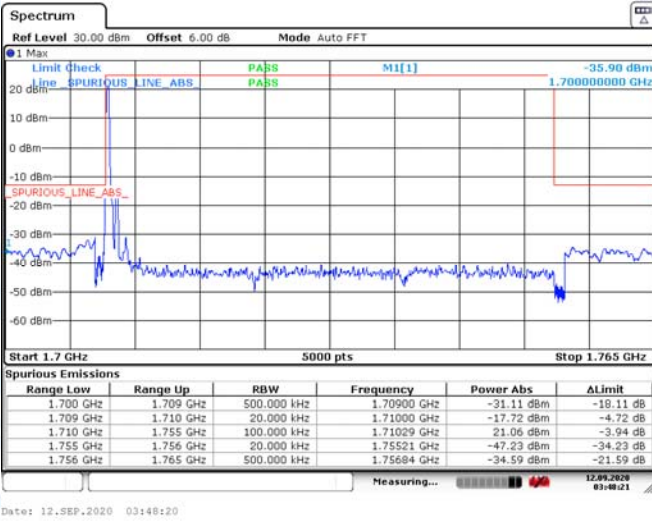
LTE BAND 4 (1.4MHz RB Size 6& RB Offset 0 QPSK)



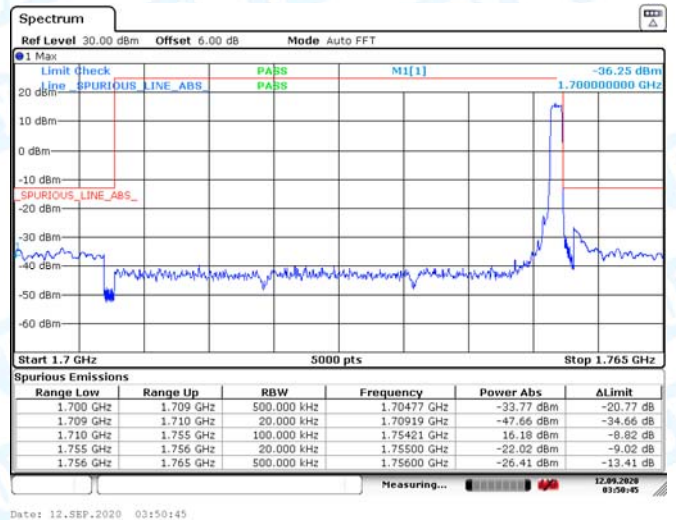
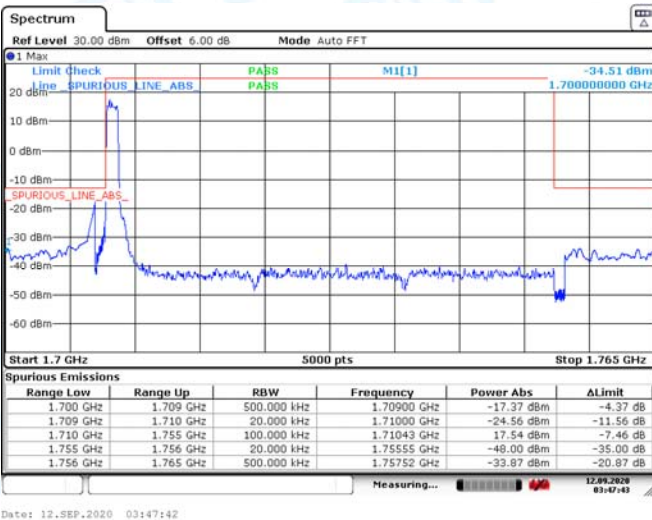
Low Channel

High Channel

LTE BAND 4 (1.4MHz RB Size 1& RB Offset 0 16QAM)



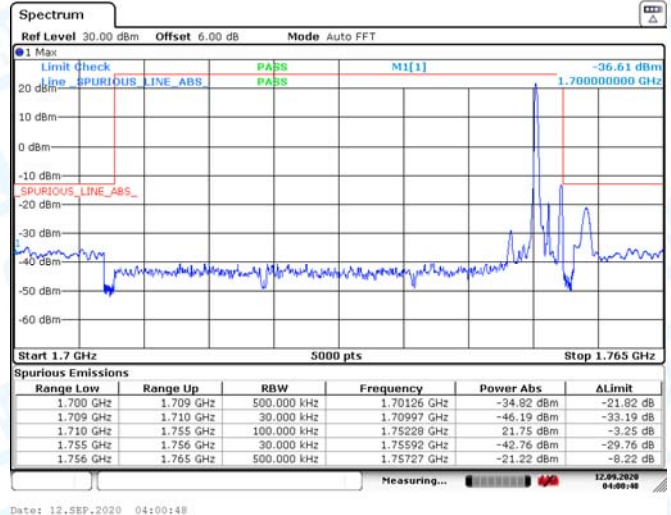
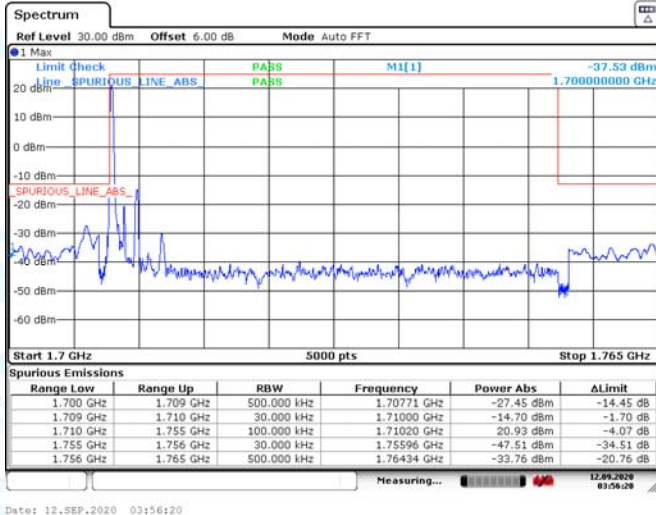
LTE BAND 4 (1.4MHz RB Size 6& RB Offset 0 16QAM)



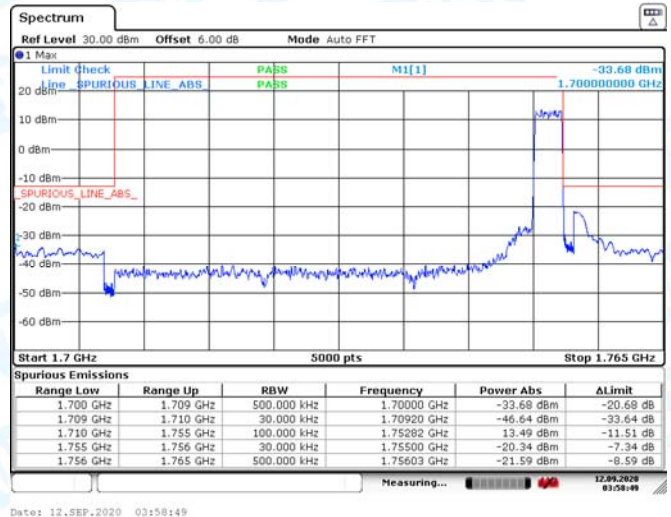
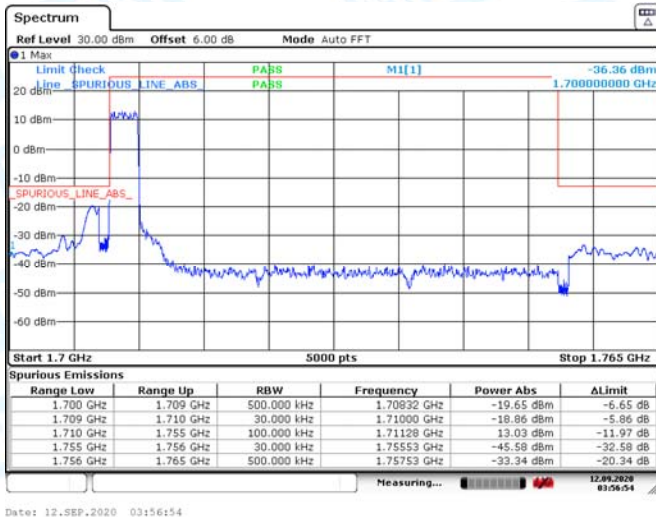
Low Channel

High Channel

LTE BAND 4 (3MHz RB Size 1& RB Offset 0 QPSK)



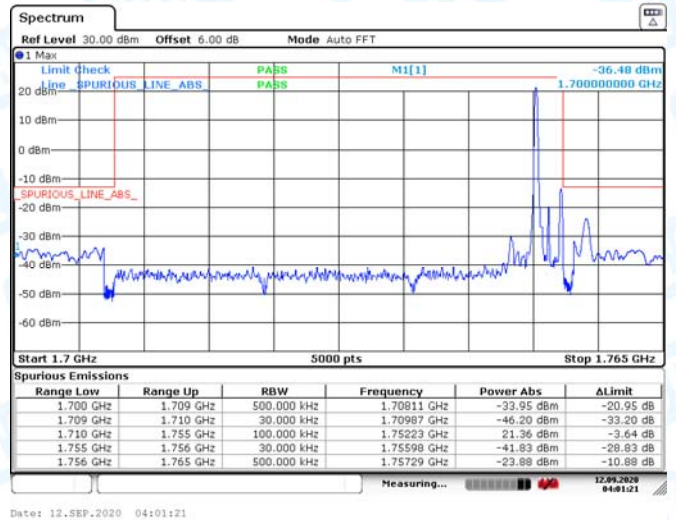
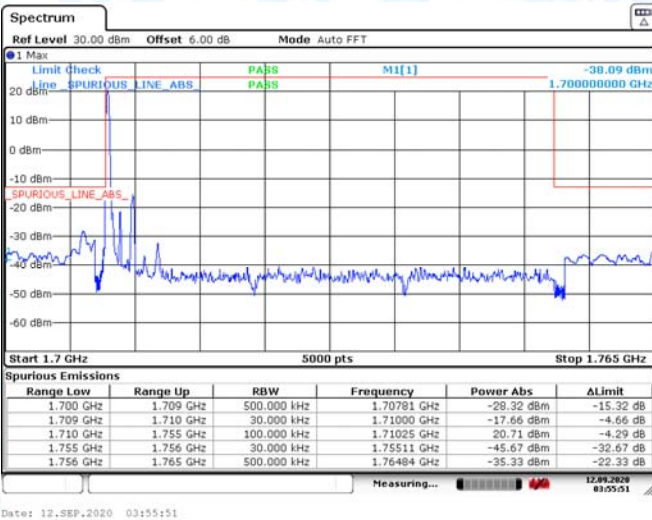
LTE BAND 4 (3MHz RB Size 15& RB Offset 0 QPSK)



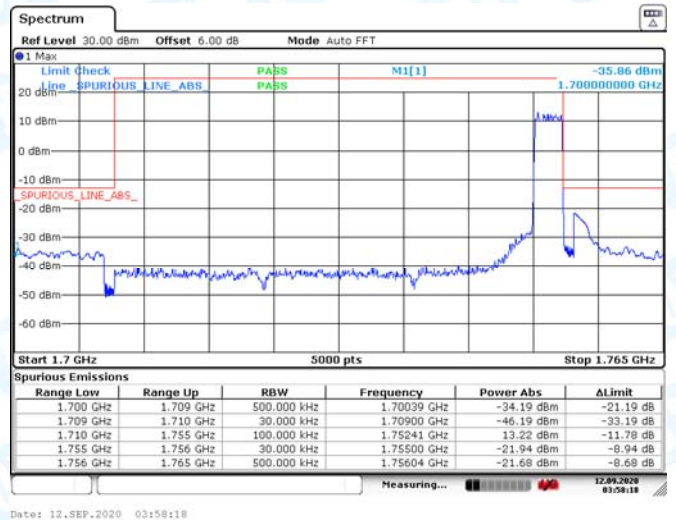
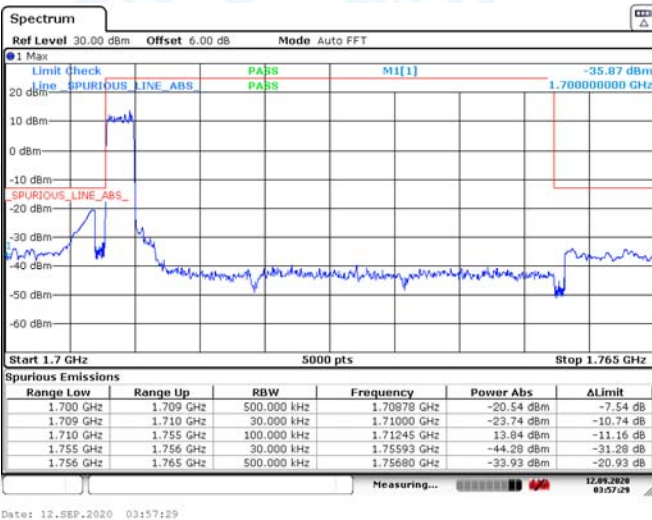
Low Channel

High Channel

LTE BAND 4 (3MHz RB Size 1& RB Offset 0 16QAM)



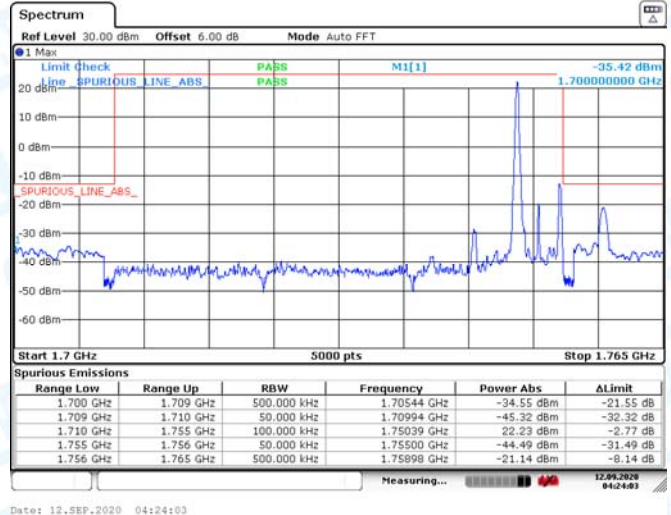
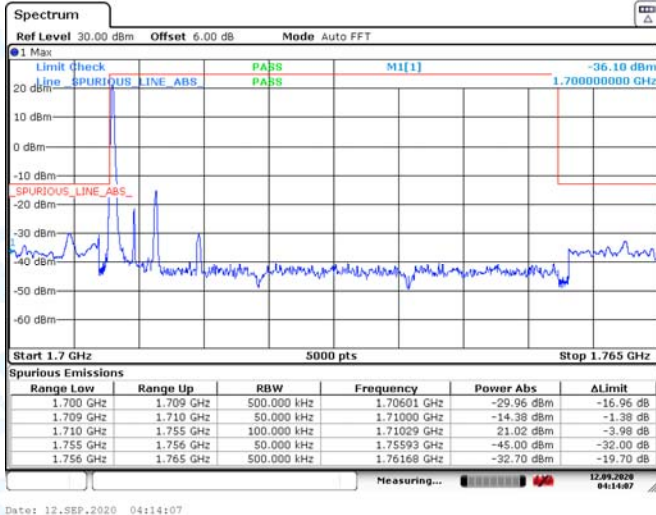
LTE BAND 4 (3MHz RB Size 15& RB Offset 0 16QAM)



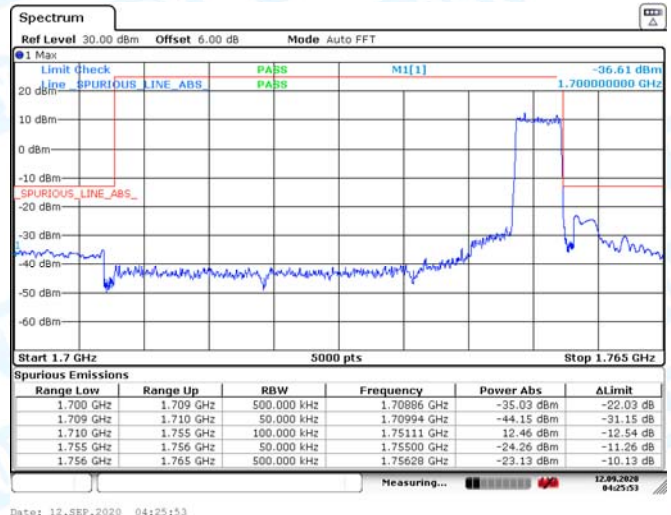
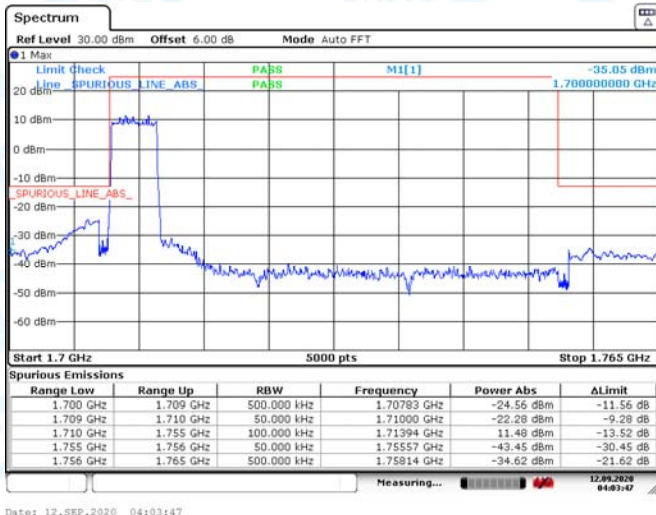
Low Channel

High Channel

LTE BAND 4 (5MHz RB Size 1& RB Offset 0 QPSK)



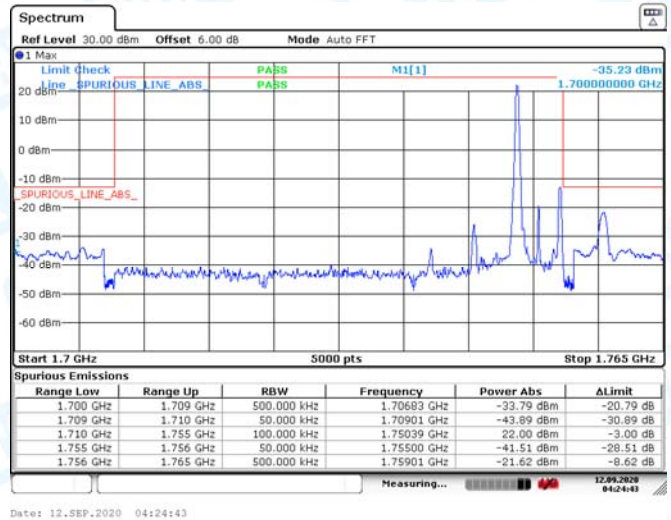
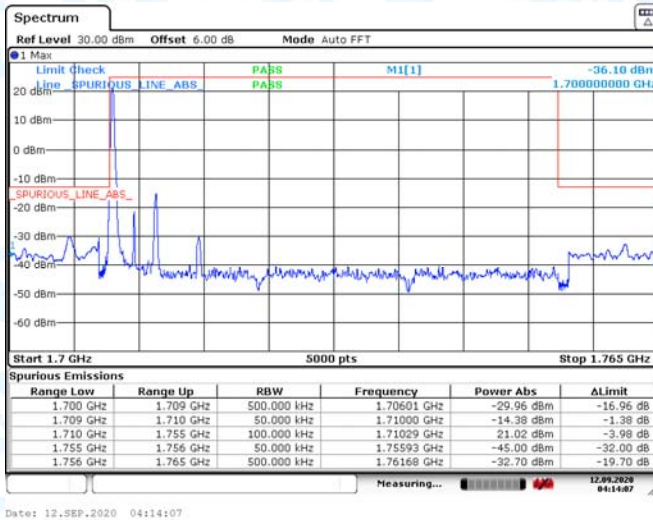
LTE BAND 4 (5MHz RB Size 25& RB Offset 0 QPSK)



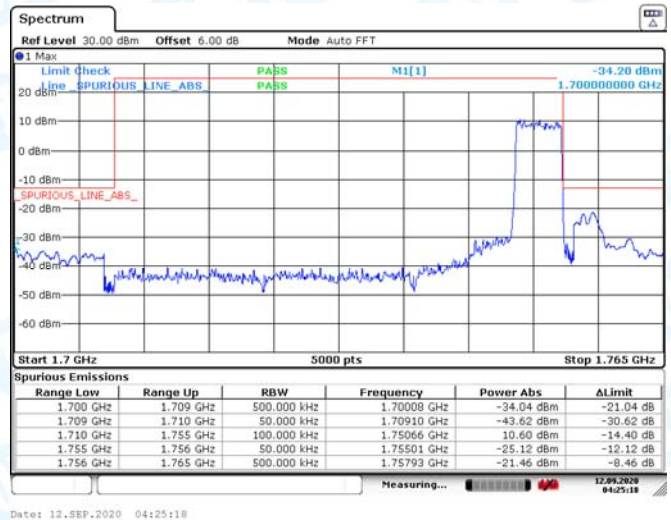
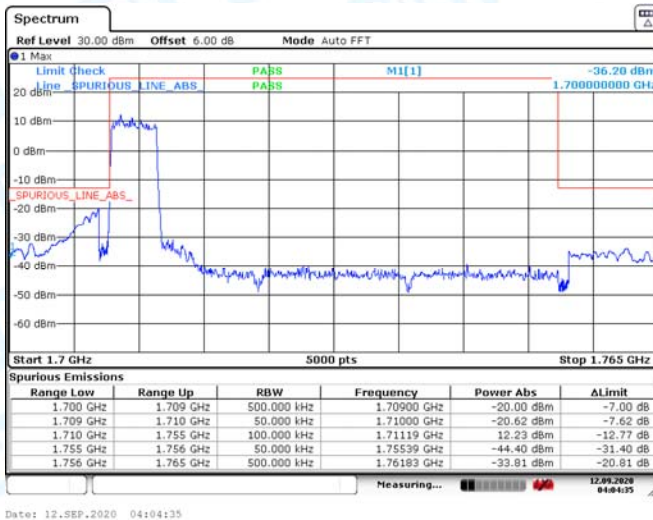
Low Channel

High Channel

LTE BAND 4 (5MHz RB Size 1& RB Offset 0 16QAM)



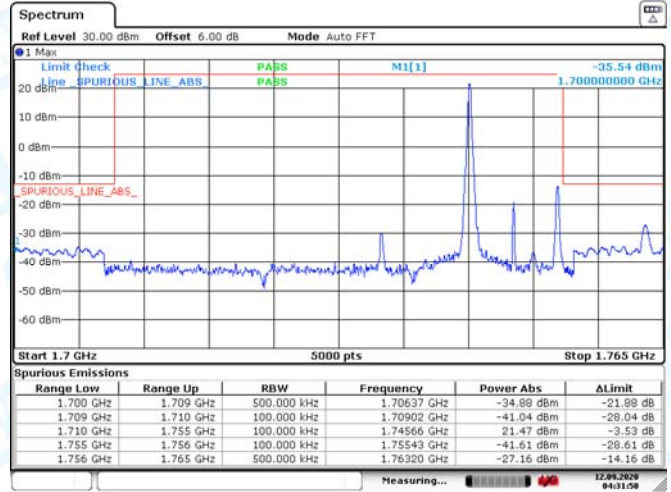
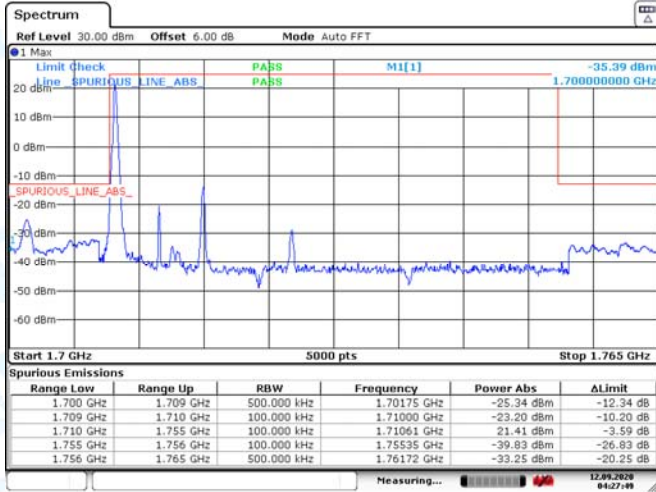
LTE BAND 4 (5MHz RB Size 25& RB Offset 0 16QAM)



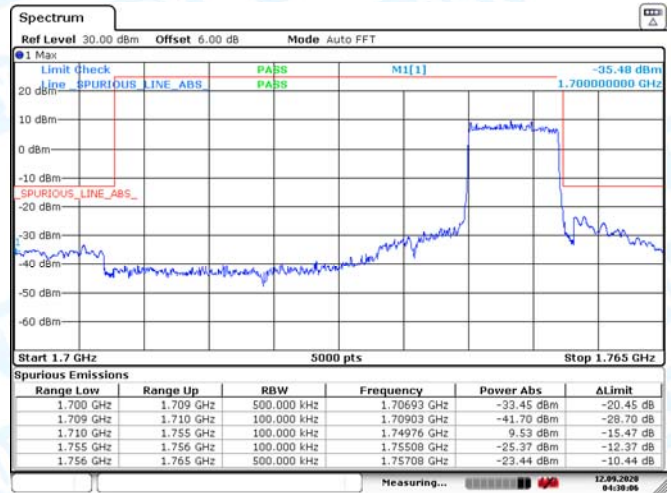
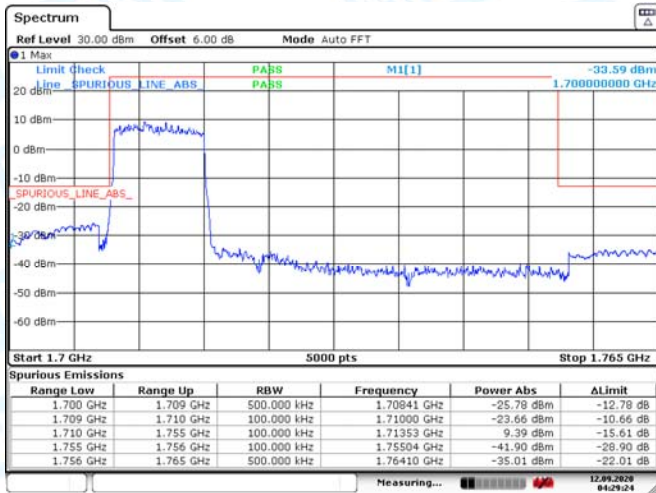
Low Channel

High Channel

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



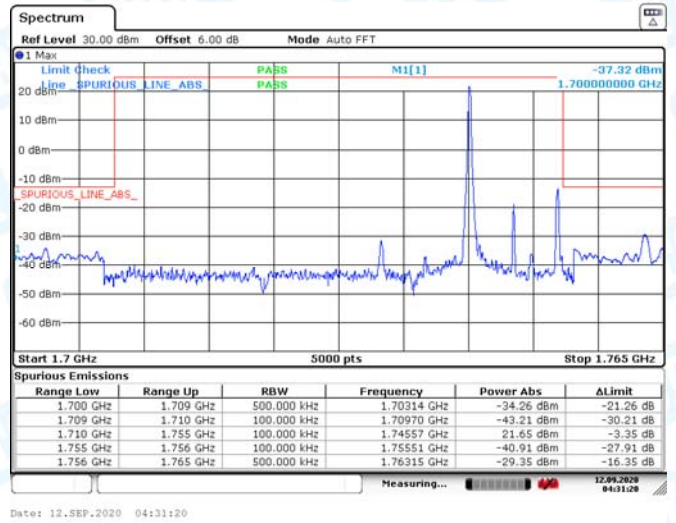
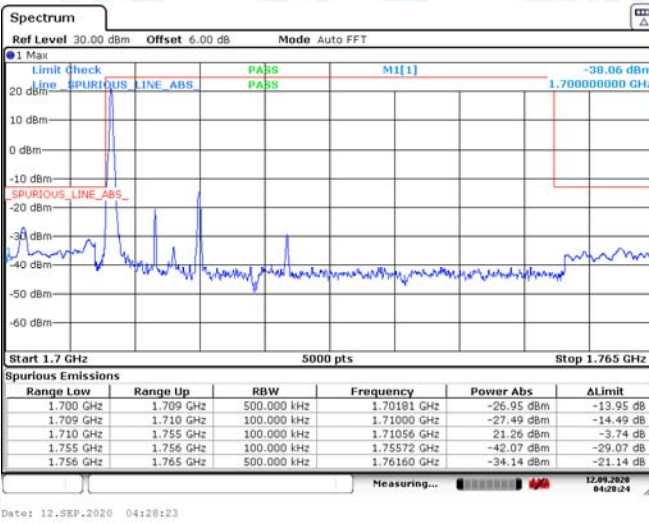
LTE BAND 4 (10MHz RB Size 50& RB Offset 0 QPSK)



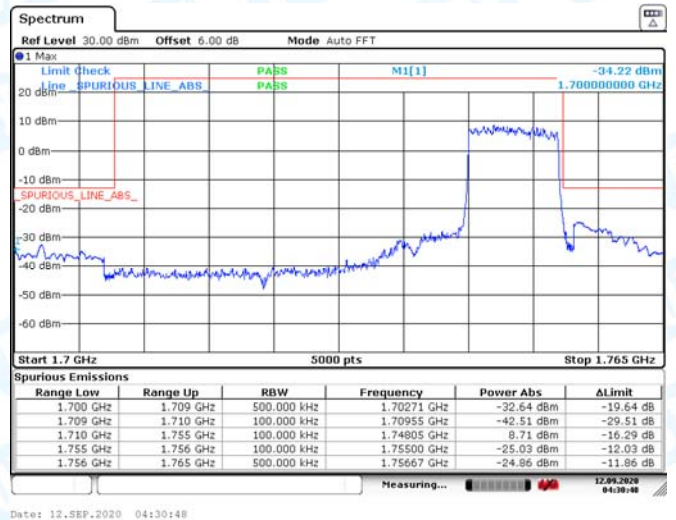
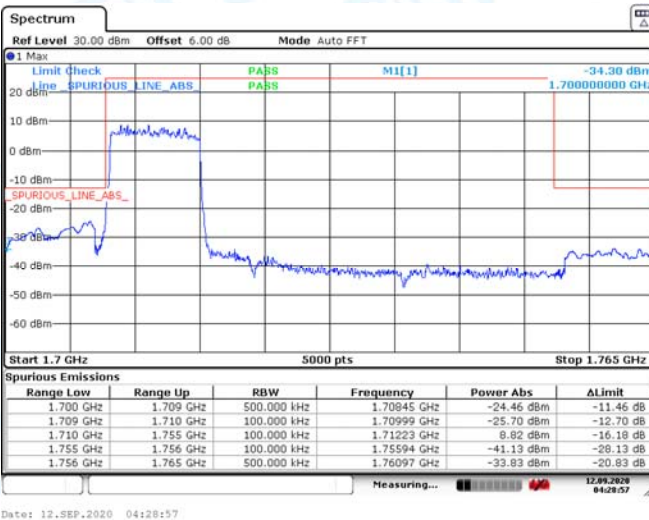
Low Channel

High Channel

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



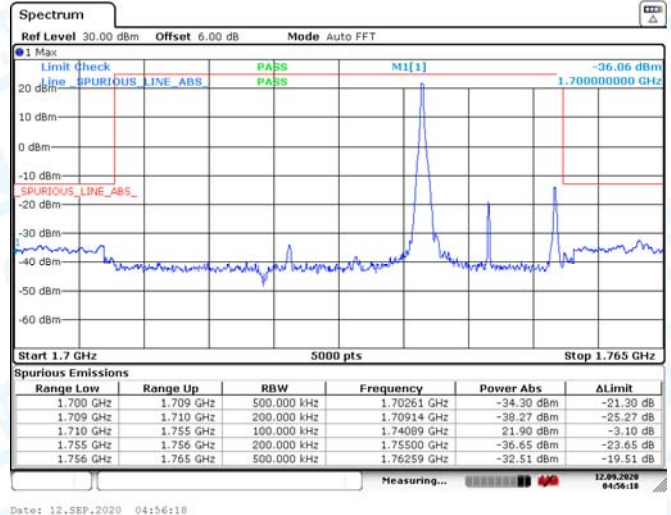
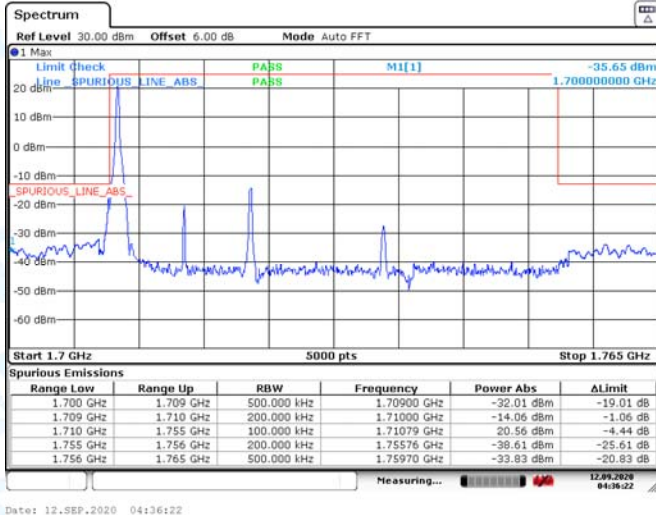
LTE BAND 4 (10MHz RB Size 50& RB Offset 0 16QAM)



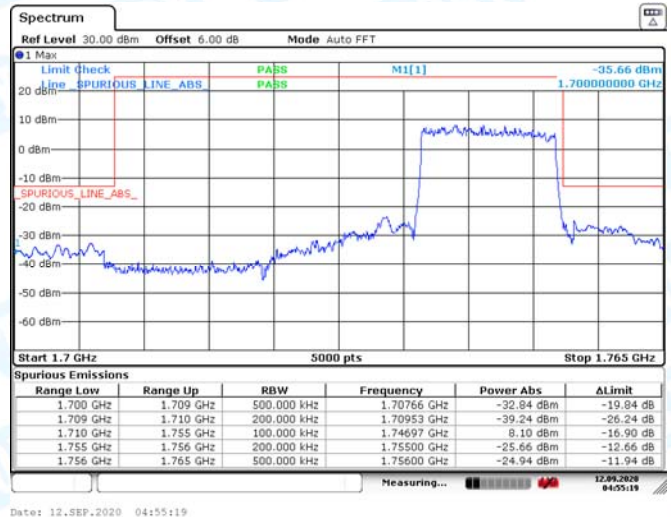
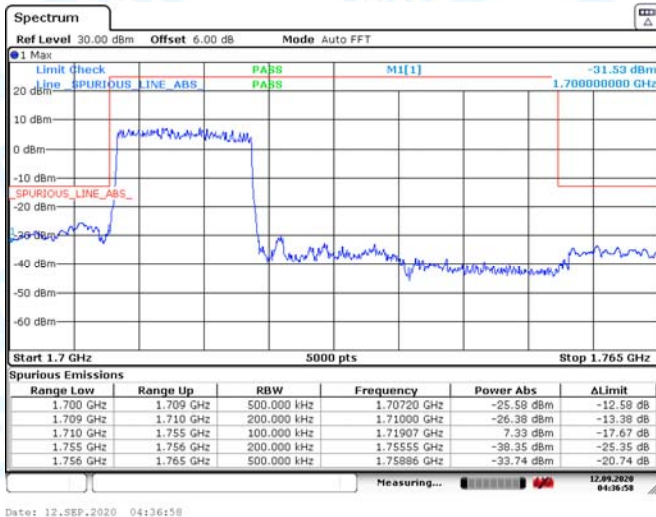
Low Channel

High Channel

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



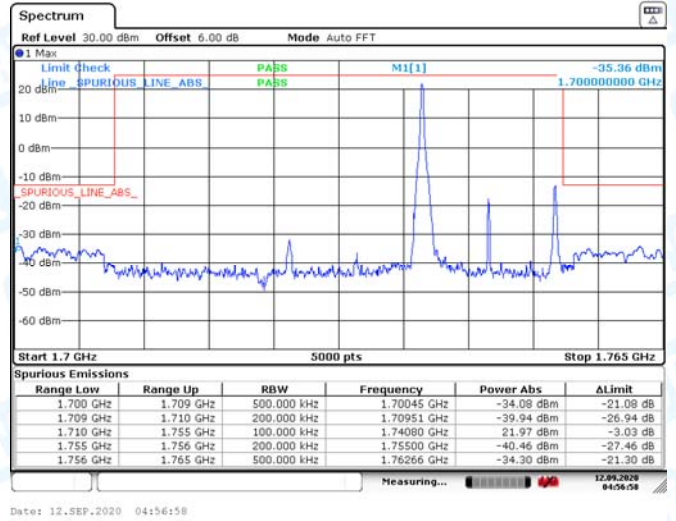
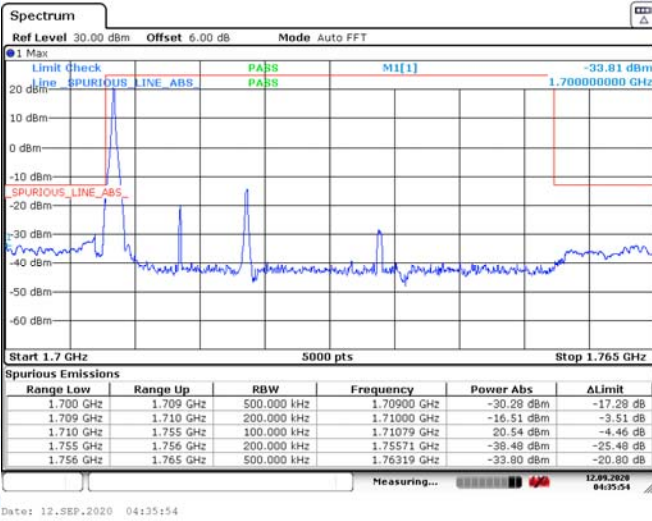
LTE BAND 4 (15MHz RB Size 75& RB Offset 0 QPSK)



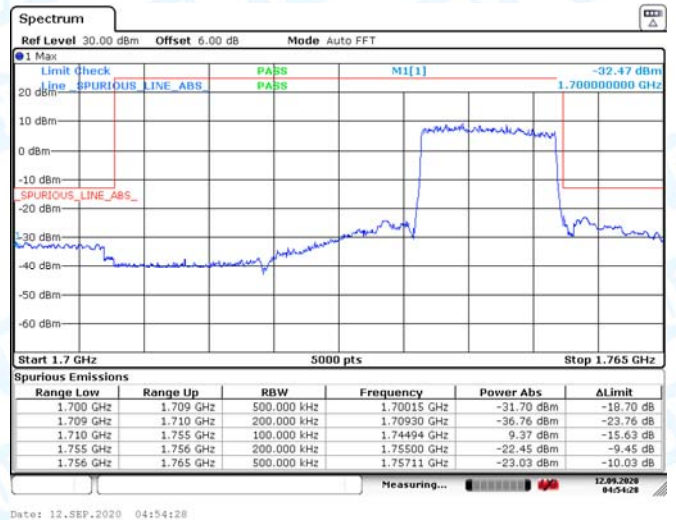
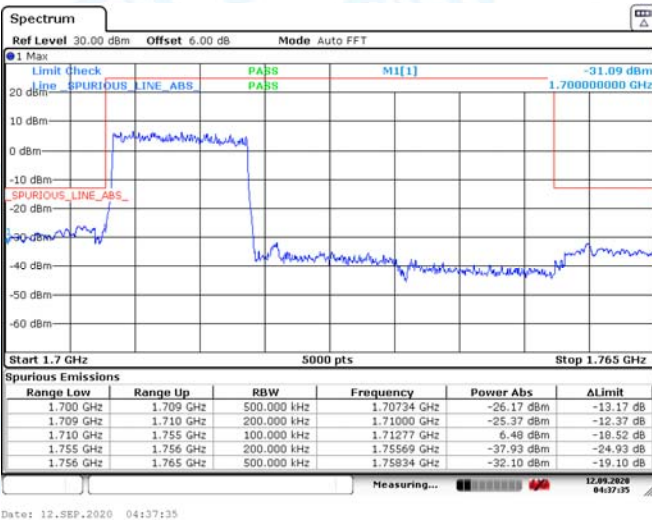
Low Channel

High Channel

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



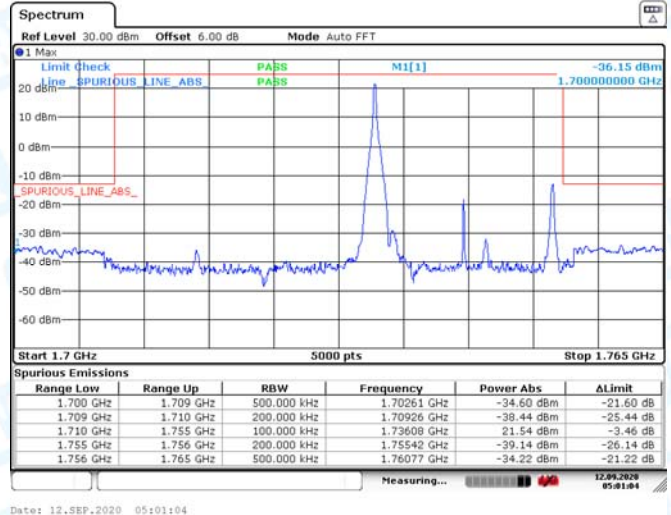
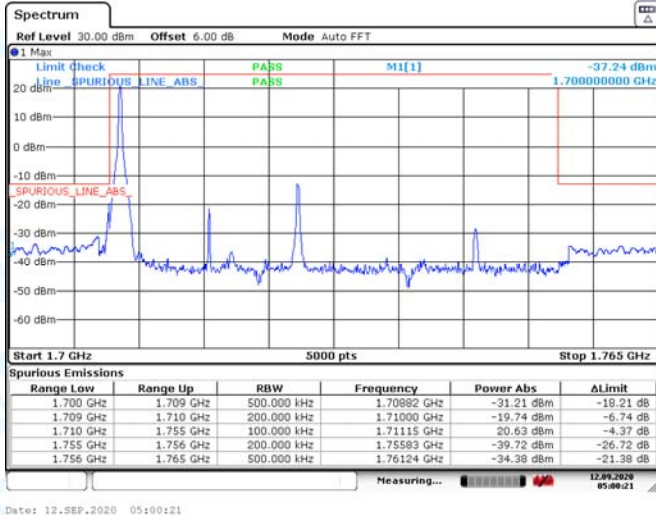
LTE BAND 4 (15MHz RB Size 75& RB Offset 0 16QAM)



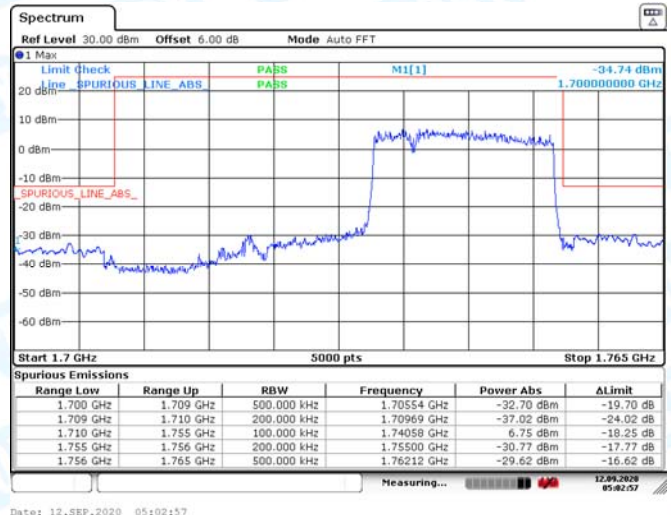
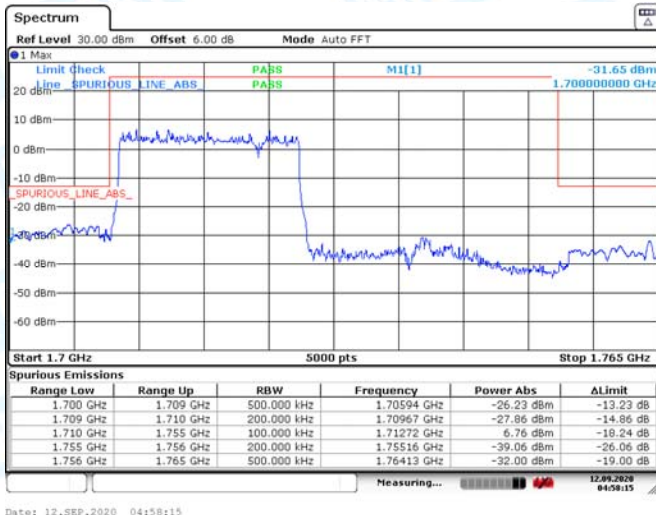
Low Channel

High Channel

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



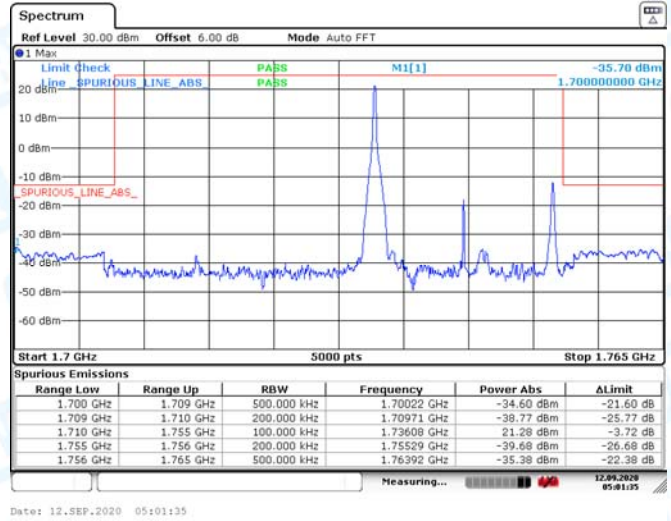
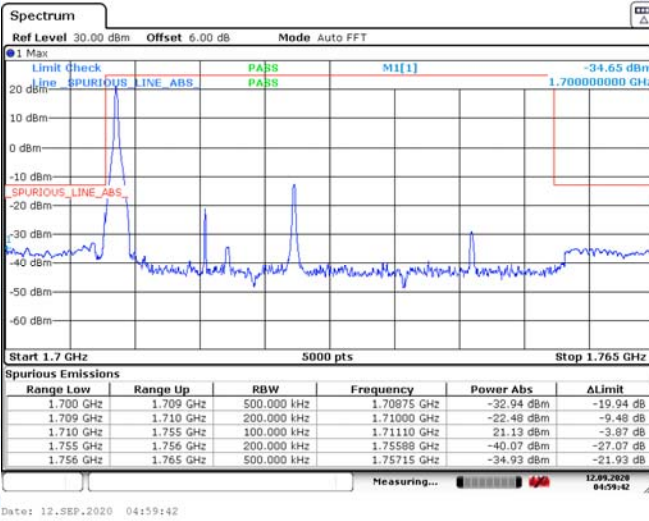
LTE BAND 4 (20MHz RB Size 100& RB Offset 0 QPSK)



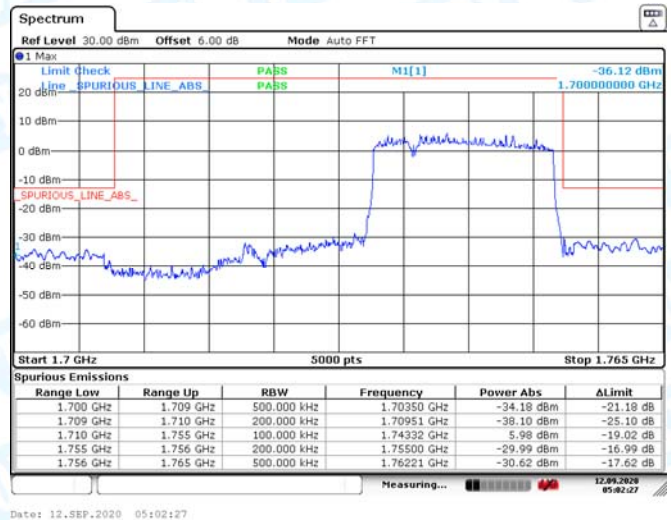
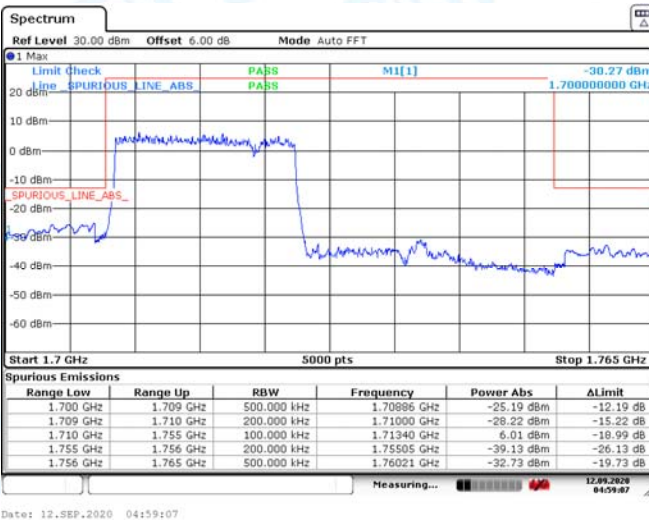
Low Channel

High Channel

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



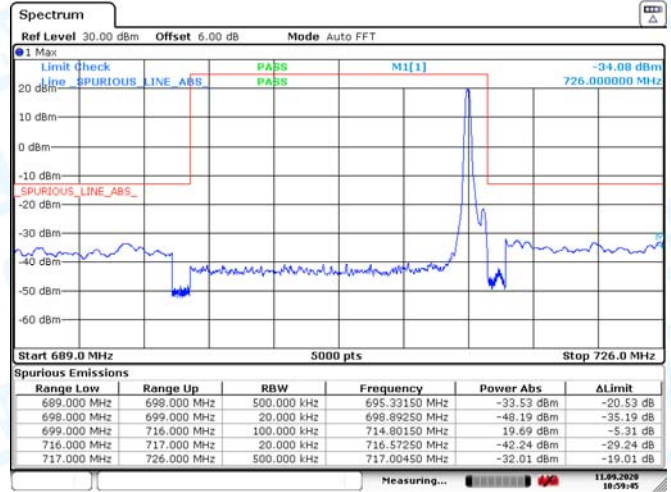
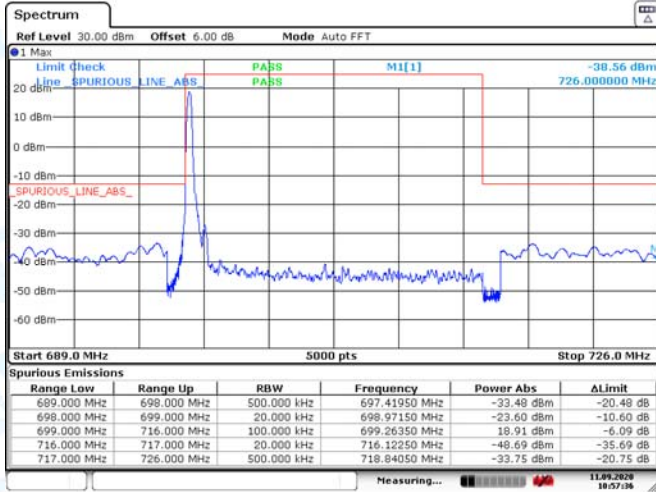
LTE BAND 4 (20MHz RB Size 100& RB Offset 0 16QAM)



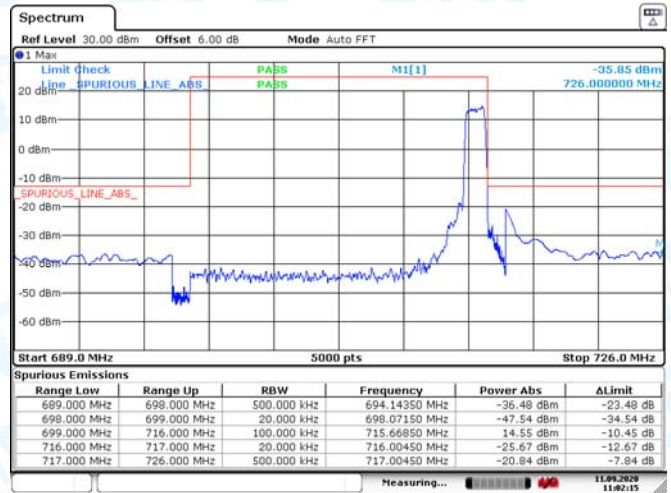
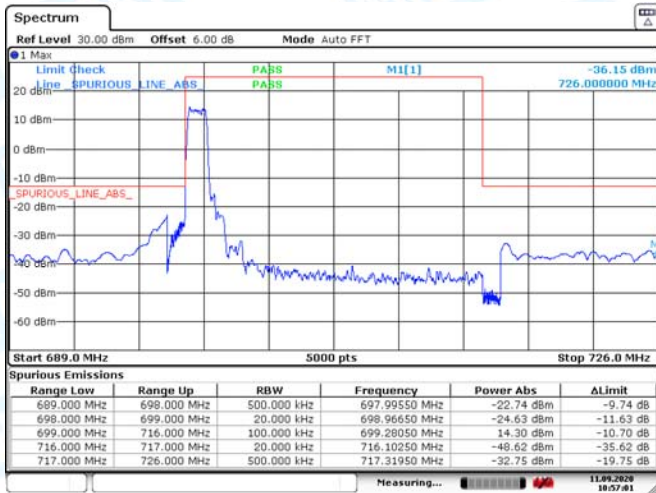
Low Channel

High Channel

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



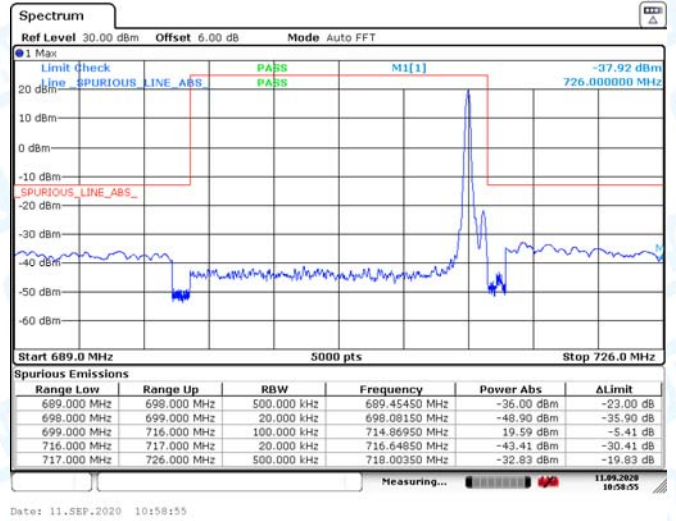
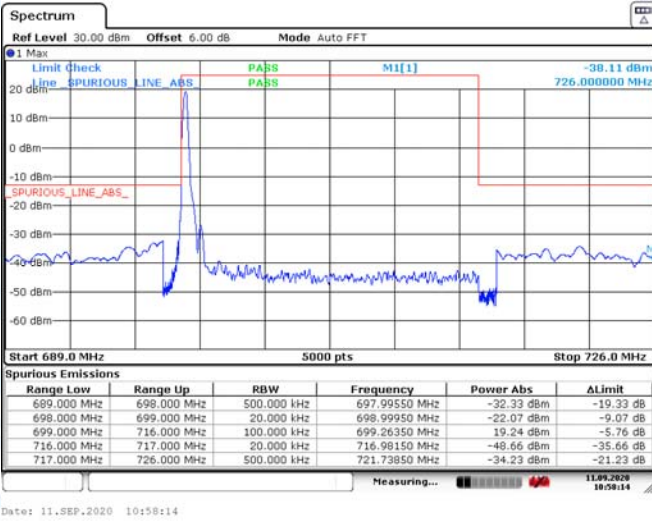
LTE BAND 12 (1.4MHz RB Size 6& RB Offset 0 QPSK)



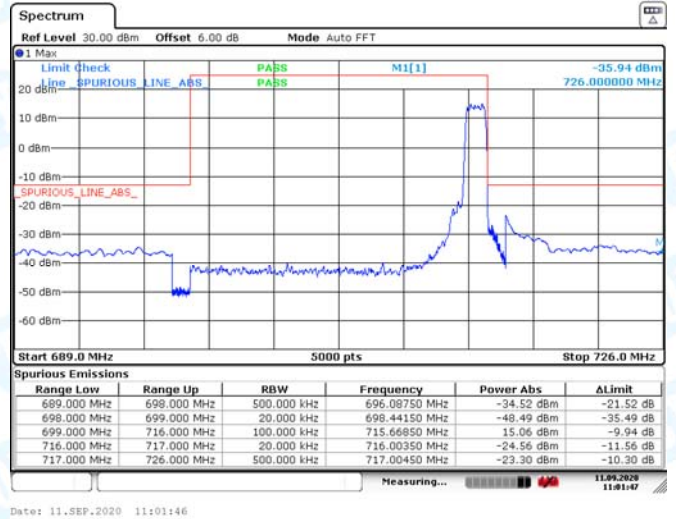
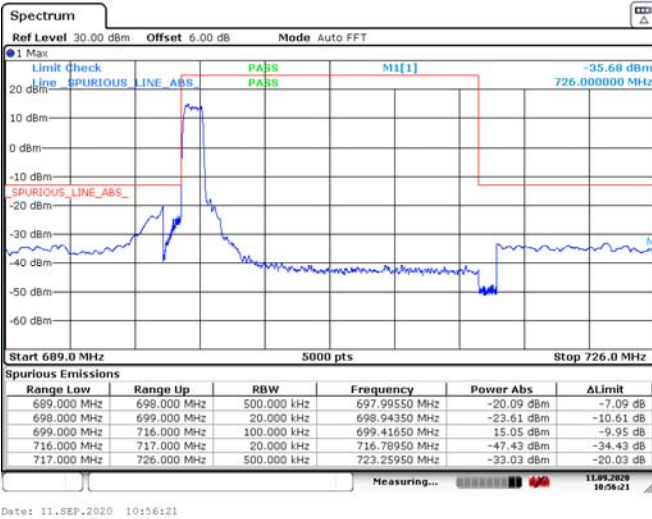
Low Channel

High Channel

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



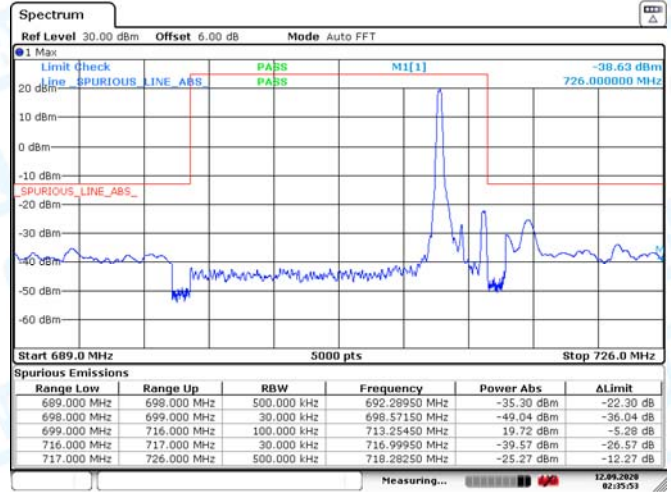
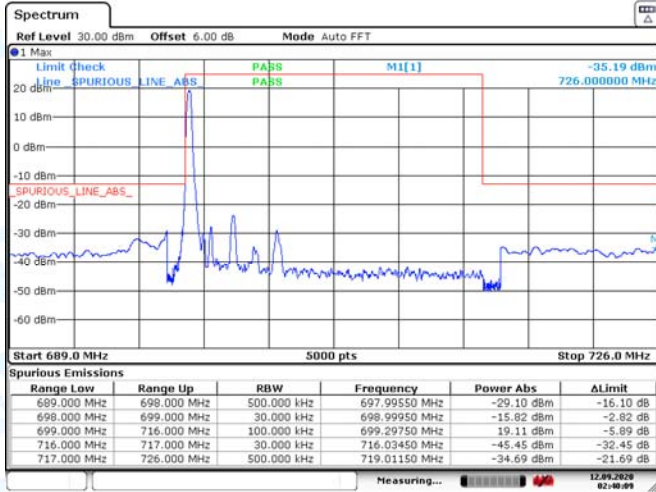
LTE BAND 12 (1.4MHz RB Size 6& RB Offset 0 16QAM)



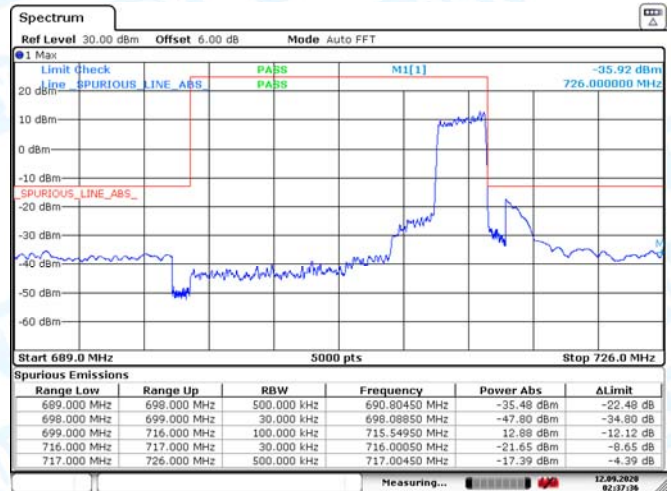
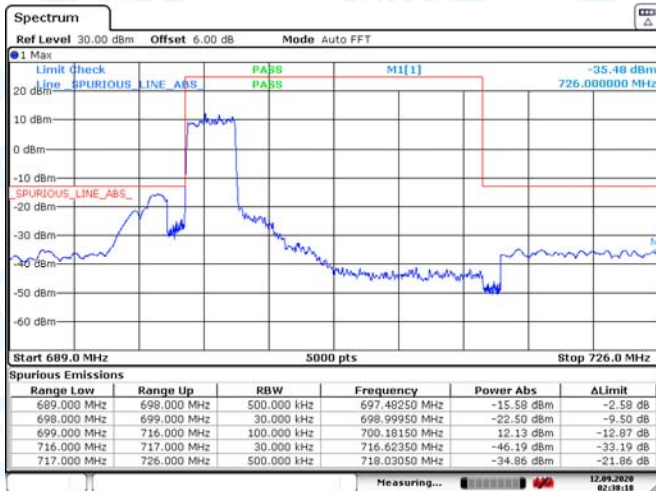
Low Channel

High Channel

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



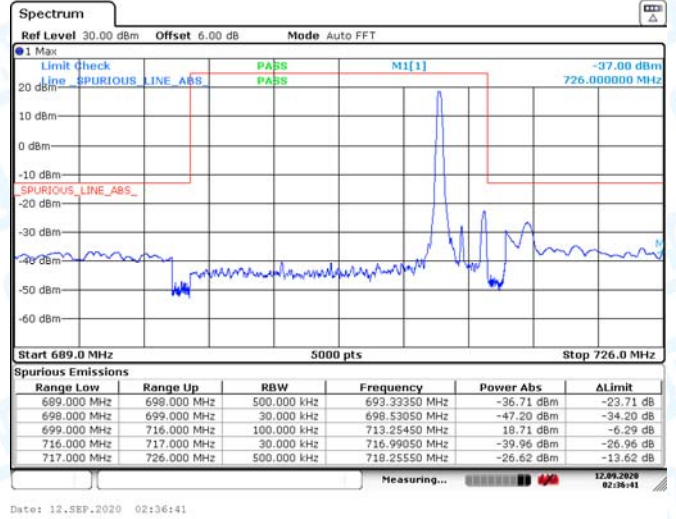
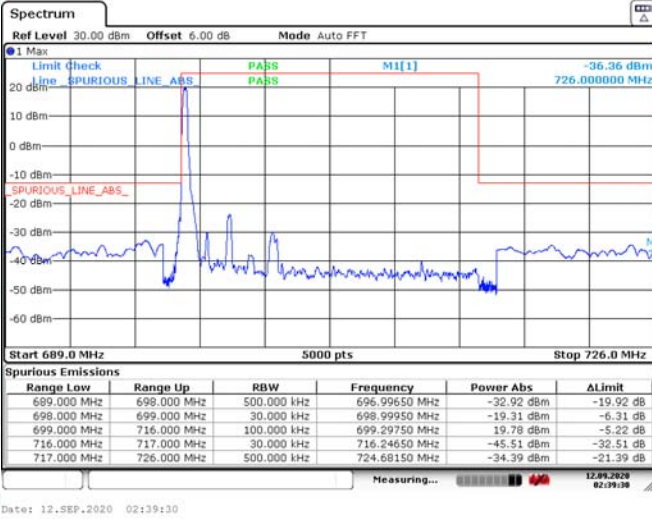
LTE BAND 12 (3MHz RB Size 15& RB Offset 0 QPSK)



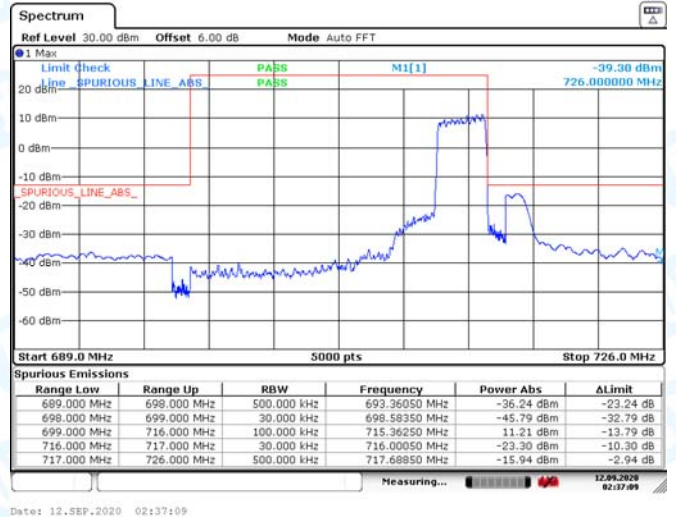
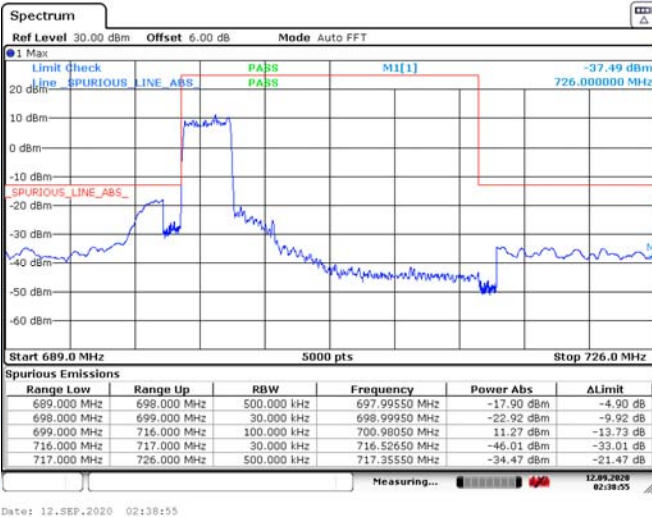
Low Channel

High Channel

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



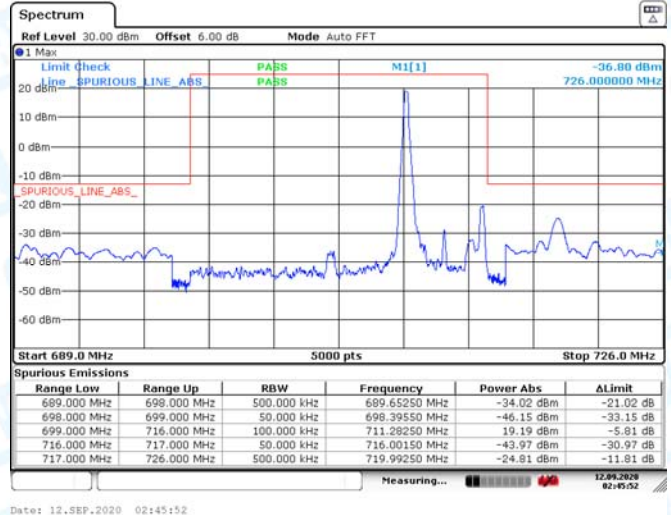
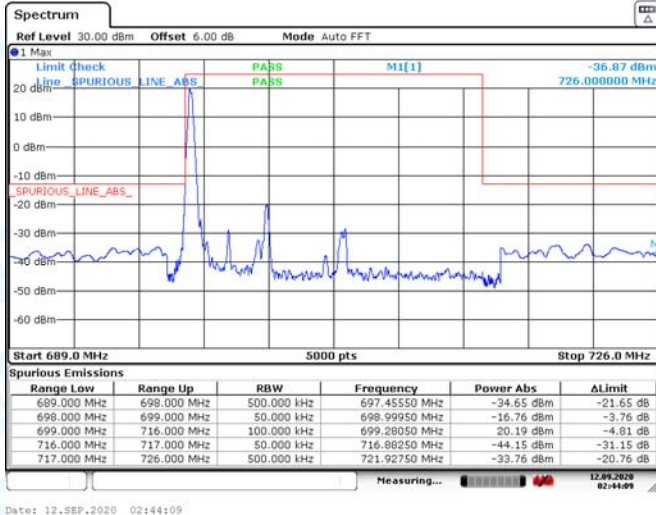
LTE BAND 12 (3MHz RB Size 15& RB Offset 0 16QAM)



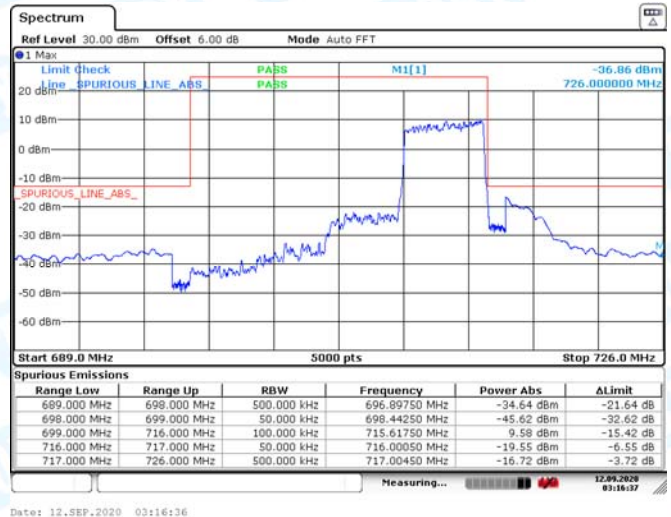
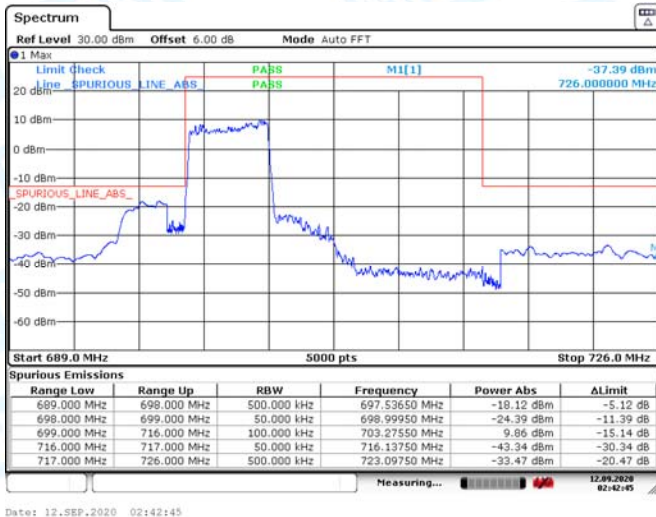
Low Channel

High Channel

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



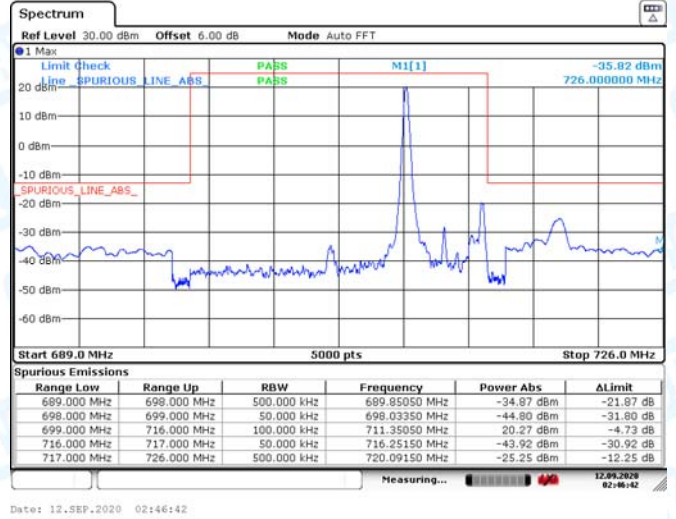
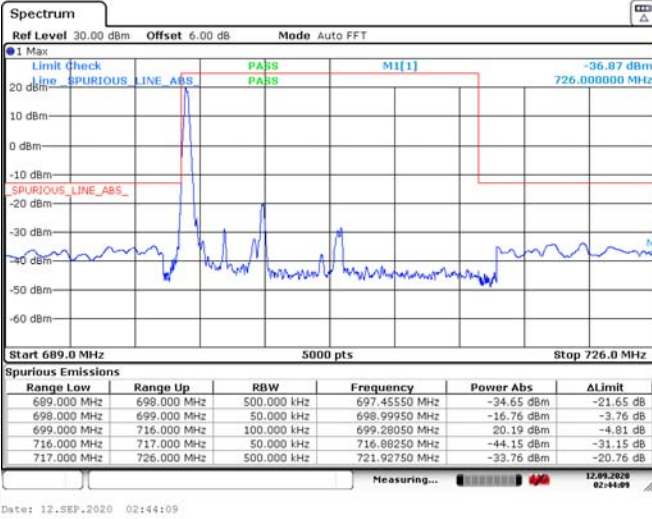
LTE BAND 12 (5MHz RB Size 25& RB Offset 0 QPSK)



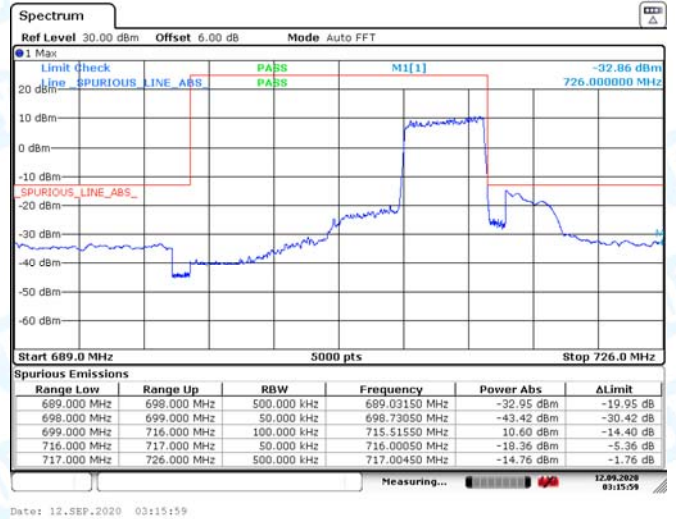
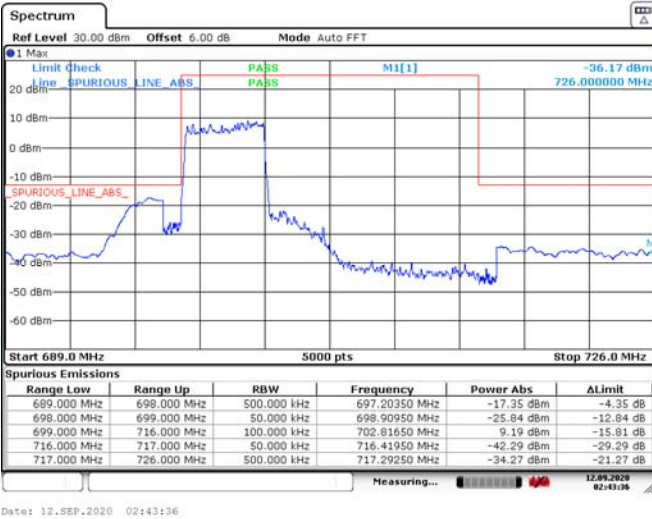
Low Channel

High Channel

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



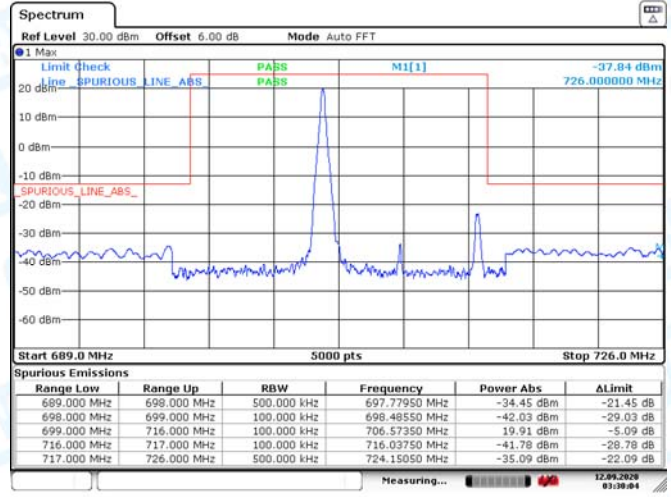
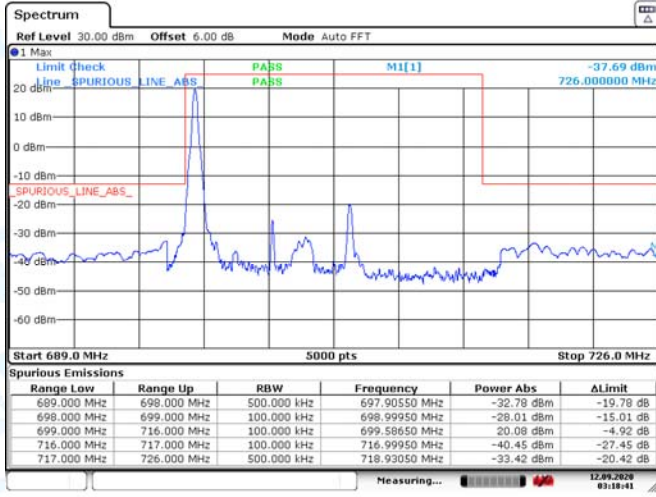
LTE BAND 12 (5MHz RB Size 25& RB Offset 0 16QAM)



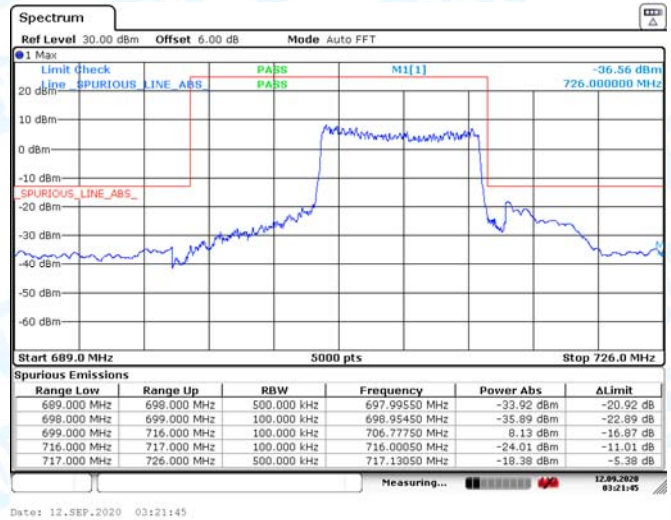
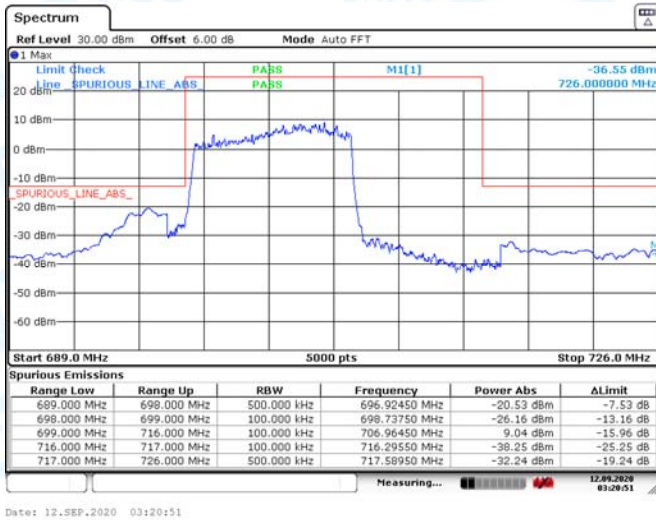
Low Channel

High Channel

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



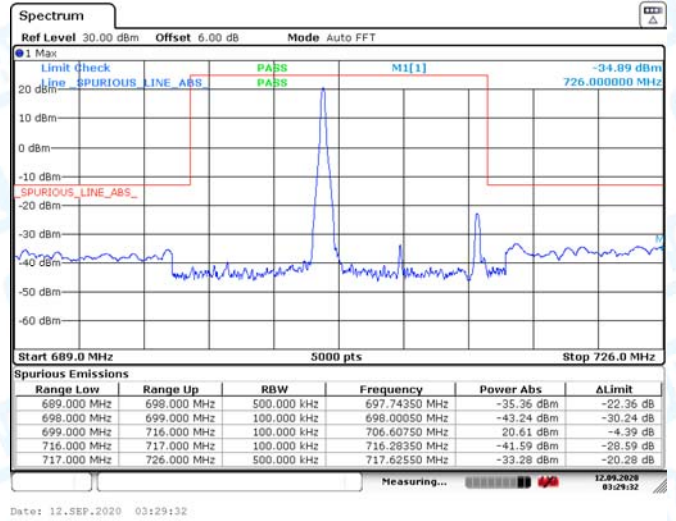
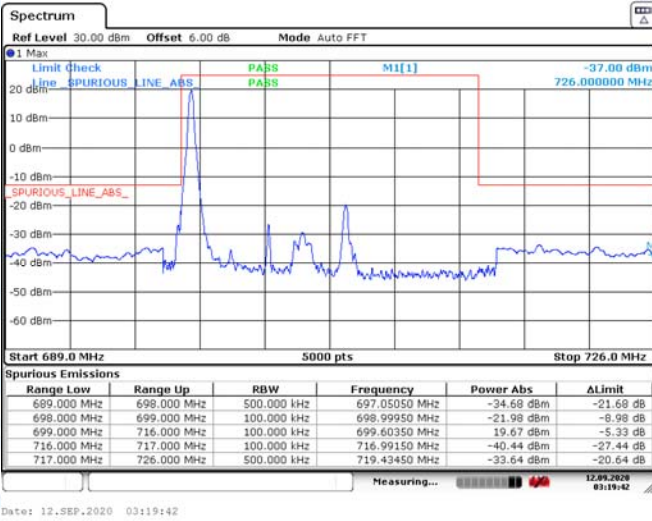
LTE BAND 12 (10MHz RB Size 50& RB Offset 0 QPSK)



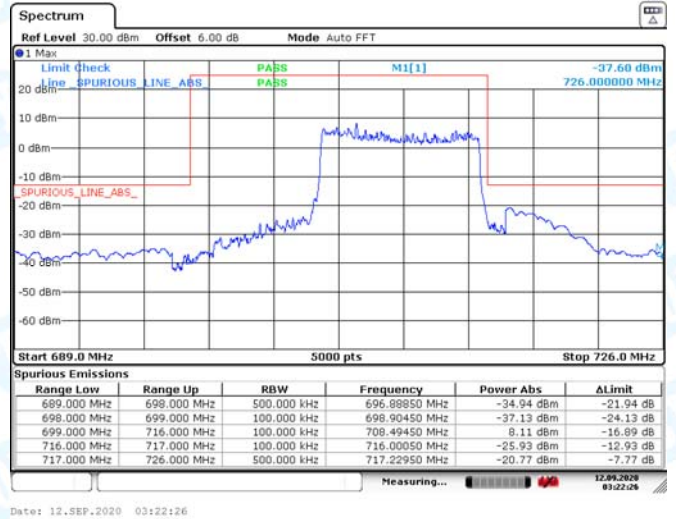
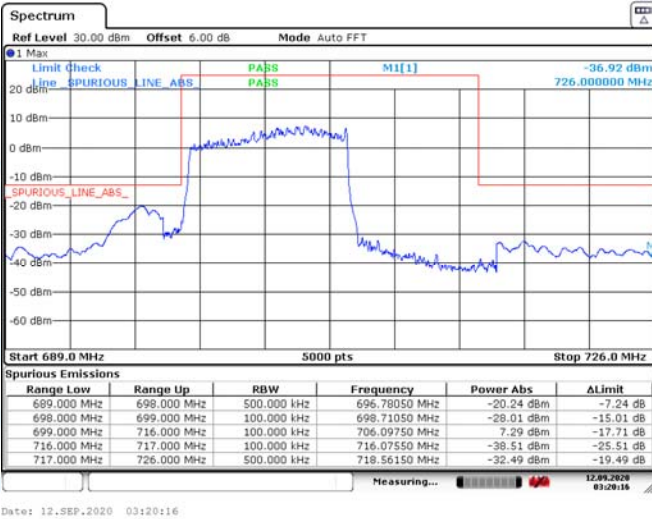
Low Channel

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	19.03	5.01	2.59	21.45	0.140
				V	16.03	5.01	2.59	18.45	0.070
	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	20.01	4.45	2.59	21.87	0.154
				V	17.48	4.45	2.59	19.34	0.086
16QAM	1	0	Lowest	H	19.34	5.01	2.59	21.76	0.150
				V	16.57	5.01	2.59	18.99	0.079
	1	0	Middle	H	19.33	4.82	2.59	21.56	0.143
				V	16.90	4.82	2.59	19.13	0.082
	1	0	Highest	H	19.82	4.45	2.59	21.68	0.147
				V	17.57	4.45	2.59	19.43	0.088
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	19.92	5.01	2.59	22.34	0.171
				V	16.81	5.01	2.59	19.23	0.084
	1	0	Middle	H	19.23	4.82	2.59	21.46	0.140
				V	16.45	4.82	2.59	18.68	0.074
	1	0	Highest	H	19.72	4.45	2.59	21.58	0.144
				V	17.57	4.45	2.59	19.43	0.088
16QAM	1	0	Lowest	H	19.54	5.01	2.59	21.96	0.157
				V	17.01	5.01	2.59	19.43	0.088
	1	0	Middle	H	19.35	4.82	2.59	21.58	0.144
				V	17.04	4.82	2.59	19.27	0.085
	1	0	Highest	H	20.01	4.45	2.59	21.87	0.154
				V	17.37	4.45	2.59	19.23	0.084
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	19.14	5.01	2.59	21.56	0.143
				V	17.01	5.01	2.59	19.43	0.088
	1	0	Middle	H	19.42	4.82	2.59	21.65	0.146
				V	16.80	4.82	2.59	19.03	0.080
	1	0	Highest	H	19.67	4.45	2.59	21.53	0.142
				V	17.36	4.45	2.59	19.22	0.084
16QAM	1	0	Lowest	H	19.16	5.01	2.59	21.58	0.144
				V	16.90	5.01	2.59	19.32	0.086
	1	0	Middle	H	19.45	4.82	2.59	21.68	0.147
				V	17.13	4.82	2.59	19.36	0.086
	1	0	Highest	H	20.11	4.45	2.59	21.97	0.157
				V	17.13	4.45	2.59	18.99	0.079
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	18.56	5.01	2.59	20.98	0.125
				V	16.33	5.01	2.59	18.75	0.075
	1	0	Middle	H	18.89	4.82	2.59	21.12	0.129
				V	16.64	4.82	2.59	18.87	0.077
	1	0	Highest	H	19.23	4.45	2.59	21.09	0.129
				V	17.06	4.45	2.59	18.92	0.078
16QAM	1	0	Lowest	H	18.63	5.01	2.59	21.05	0.127
				V	17.00	5.01	2.59	19.42	0.087
	1	0	Middle	H	19.01	4.82	2.59	21.24	0.133
				V	16.70	4.82	2.59	18.93	0.078
	1	0	Highest	H	19.52	4.45	2.59	21.38	0.137
				V	16.79	4.45	2.59	18.65	0.073
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	18.86	5.01	2.59	21.28	0.134
				V	16.81	5.01	2.59	19.23	0.084
	1	0	Middle	H	19.00	4.82	2.59	21.23	0.133
				V	16.79	4.82	2.59	19.02	0.080
	1	0	Highest	H	18.61	4.45	2.59	20.47	0.111
				V	16.17	4.45	2.59	18.03	0.064
16QAM	1	0	Lowest	H	18.14	5.01	2.59	20.56	0.114
				V	15.92	5.01	2.59	18.34	0.068
	1	0	Middle	H	18.55	4.82	2.59	20.78	0.120
				V	16.45	4.82	2.59	18.68	0.074
	1	0	Highest	H	18.98	4.45	2.59	20.84	0.121
				V	16.58	4.45	2.59	18.44	0.070
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	18.25	5.01	2.59	20.67	0.117
				V	16.03	5.01	2.59	18.45	0.070
	1	0	Middle	H	18.46	4.82	2.59	20.69	0.117
				V	16.29	4.82	2.59	18.52	0.071
	1	0	Highest	H	18.81	4.45	2.59	20.67	0.117
				V	16.58	4.45	2.59	18.44	0.070
16QAM	1	0	Lowest	H	18.34	5.01	2.59	20.76	0.119
				V	15.85	5.01	2.59	18.27	0.067
	1	0	Middle	H	18.22	4.82	2.59	20.45	0.111
				V	16.12	4.82	2.59	18.35	0.068
	1	0	Highest	H	18.81	4.45	2.59	20.67	0.117
				V	16.47	4.45	2.59	18.33	0.068
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	19.92	4.58	2.35	22.15	0.164
				V	17.11	4.58	2.35	19.34	0.086
	1	0	Middle	H	20.02	4.57	2.35	22.24	0.167
				V	17.14	4.57	2.35	19.36	0.086
	1	0	Highest	H	20.26	4.14	2.35	22.05	0.160
				V	17.55	4.14	2.35	19.34	0.086
16QAM	1	0	Lowest	H	20.44	4.58	2.35	22.67	0.185
				V	17.14	4.58	2.35	19.37	0.086
	1	0	Middle	H	20.12	4.57	2.35	22.34	0.171
				V	17.36	4.57	2.35	19.58	0.091
	1	0	Highest	H	20.97	4.14	2.35	22.76	0.189
				V	18.08	4.14	2.35	19.87	0.097
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	20.11	4.58	2.35	22.34	0.171
				V	17.33	4.58	2.35	19.56	0.090
	1	0	Middle	H	20.21	4.57	2.35	22.43	0.175
				V	17.56	4.57	2.35	19.78	0.095
	1	0	Highest	H	20.77	4.14	2.35	22.56	0.180
				V	17.65	4.14	2.35	19.44	0.088
16QAM	1	0	Lowest	H	20.20	4.58	2.35	22.43	0.175
				V	17.34	4.58	2.35	19.57	0.091
	1	0	Middle	H	20.43	4.57	2.35	22.65	0.184
				V	17.99	4.57	2.35	20.21	0.105
	1	0	Highest	H	20.86	4.14	2.35	22.65	0.184
				V	17.59	4.14	2.35	19.38	0.087
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	19.75	4.58	2.35	21.98	0.158
				V	16.98	4.58	2.35	19.21	0.083
	1	0	Middle	H	20.12	4.57	2.35	22.34	0.171
				V	17.13	4.57	2.35	19.35	0.086
	1	0	Highest	H	20.25	4.14	2.35	22.04	0.160
				V	17.57	4.14	2.35	19.36	0.086
16QAM	1	0	Lowest	H	20.20	4.58	2.35	22.43	0.175
				V	17.22	4.58	2.35	19.45	0.088
	1	0	Middle	H	20.63	4.57	2.35	22.85	0.193
				V	17.91	4.57	2.35	20.13	0.103
	1	0	Highest	H	20.25	4.14	2.35	22.04	0.160
				V	17.77	4.14	2.35	19.56	0.090
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	20.31	4.58	2.35	22.54	0.179
				V	17.44	4.58	2.35	19.67	0.093
	1	0	Middle	H	20.23	4.57	2.35	22.45	0.176
				V	17.32	4.57	2.35	19.54	0.090
	1	0	Highest	H	20.74	4.14	2.35	22.53	0.179
				V	17.53	4.14	2.35	19.32	0.086
16QAM	1	0	Lowest	H	19.76	4.58	2.35	21.99	0.158
				V	16.83	4.58	2.35	19.06	0.081
	1	0	Middle	H	20.20	4.57	2.35	22.42	0.175
				V	17.31	4.57	2.35	19.53	0.090
	1	0	Highest	H	20.96	4.14	2.35	22.75	0.188
				V	17.86	4.14	2.35	19.65	0.092
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	19.53	4.58	2.35	21.76	0.150
				V	16.98	4.58	2.35	19.21	0.083
	1	0	Middle	H	19.72	4.57	2.35	21.94	0.156
				V	17.21	4.57	2.35	19.43	0.088
	1	0	Highest	H	20.07	4.14	2.35	21.86	0.153
				V	17.53	4.14	2.35	19.32	0.086
16QAM	1	0	Lowest	H	19.65	4.58	2.35	21.88	0.154
				V	17.09	4.58	2.35	19.32	0.086
	1	0	Middle	H	19.43	4.57	2.35	21.65	0.146
				V	17.21	4.57	2.35	19.43	0.088
	1	0	Highest	H	19.65	4.14	2.35	21.44	0.139
				V	17.53	4.14	2.35	19.32	0.086
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	19.33	4.58	2.35	21.56	0.143
				V	17.00	4.58	2.35	19.23	0.084
	1	0	Middle	H	18.87	4.57	2.35	21.09	0.129
				V	16.12	4.57	2.35	18.34	0.068
	1	0	Highest	H	19.26	4.14	2.35	21.05	0.127
				V	16.66	4.14	2.35	18.45	0.070
16QAM	1	0	Lowest	H	19.21	4.58	2.35	21.44	0.139
				V	16.23	4.58	2.35	18.46	0.070
	1	0	Middle	H	18.91	4.57	2.35	21.13	0.130
				V	16.76	4.57	2.35	18.98	0.079
	1	0	Highest	H	19.99	4.14	2.35	21.78	0.151
				V	17.42	4.14	2.35	19.21	0.083
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	18.03	3.46	1.26	20.23	0.105
				V	16.03	3.46	1.26	18.23	0.067
	1	0	Middle	H	17.58	3.82	1.26	20.14	0.103
				V	15.65	3.82	1.26	18.21	0.066
	1	0	Highest	H	27.34	4.16	1.26	30.24	1.057
				V	17.72	4.16	1.26	20.62	0.115
16QAM	1	0	Lowest	H	16.25	3.46	1.26	18.45	0.070
				V	18.12	3.46	1.26	20.32	0.108
	1	0	Middle	H	15.90	3.82	1.26	18.46	0.070
				V	17.78	3.82	1.26	20.34	0.108
	1	0	Highest	H	17.66	4.16	1.26	20.56	0.114
				V	15.46	4.16	1.26	18.36	0.069
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	18.25	3.46	1.26	20.45	0.111
				V	16.36	3.46	1.26	18.56	0.072
	1	0	Middle	H	18.01	3.82	1.26	20.57	0.114
				V	16.10	3.82	1.26	18.66	0.073
	1	0	Highest	H	17.54	4.16	1.26	20.44	0.111
				V	15.78	4.16	1.26	18.68	0.074
16QAM	1	0	Lowest	H	19.14	3.46	1.26	21.34	0.136
				V	16.52	3.46	1.26	18.72	0.074
	1	0	Middle	H	18.20	3.82	1.26	20.76	0.119
				V	15.71	3.82	1.26	18.27	0.067
	1	0	Highest	H	17.79	4.16	1.26	20.69	0.117
				V	15.48	4.16	1.26	18.38	0.069
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	17.58	3.46	1.26	19.78	0.095
				V	15.14	3.46	1.26	17.34	0.054
	1	0	Middle	H	16.81	3.82	1.26	19.37	0.086
				V	14.91	3.82	1.26	17.47	0.056
	1	0	Highest	H	16.88	4.16	1.26	19.78	0.095
				V	14.58	4.16	1.26	17.48	0.056
16QAM	1	0	Lowest	H	18.11	3.46	1.26	20.31	0.107
				V	16.13	3.46	1.26	18.33	0.068
	1	0	Middle	H	16.80	3.82	1.26	19.36	0.086
				V	15.33	3.82	1.26	17.89	0.062
	1	0	Highest	H	17.07	4.16	1.26	19.97	0.099
				V	14.66	4.16	1.26	17.56	0.057
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	16.56	3.46	1.26	18.76	0.075
				V	14.58	3.46	1.26	16.78	0.048
	1	0	Middle	H	17.27	3.82	1.26	19.83	0.096
				V	14.89	3.82	1.26	17.45	0.056
	1	0	Highest	H	16.55	4.16	1.26	19.45	0.088
				V	14.39	4.16	1.26	17.29	0.054
16QAM	1	0	Lowest	H	17.91	3.46	1.26	20.11	0.103
				V	17.01	3.46	1.26	19.21	0.083
	1	0	Middle	H	16.89	3.82	1.26	19.45	0.088
				V	14.66	3.82	1.26	17.22	0.053
	1	0	Highest	H	16.44	4.16	1.26	19.34	0.086
				V	14.55	4.16	1.26	17.45	0.056
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:	2020-09-07		
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	-66.83	14.94	6.24	-45.65	-13.00	Pass
5640.20	H	-71.20	13.87	7.98	-49.35		
7519.60	H	-70.49	14.49	9.68	-46.32		
3759.90	Vertical	-72.53	15.97	6.24	-50.32	-13.00	Pass
5640.20	V	-67.55	13.94	7.98	-45.63		
7519.60	V	-63.91	13.87	9.68	-40.36		
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:	2020-09-07		
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	-63.52	14.94	6.24	-42.34	-13.00	Pass
5640.20	H	-68.19	13.87	7.98	-46.34		
7519.60	H	-75.51	14.49	9.68	-51.34		
3759.90	Vertical	-65.75	15.97	6.24	-43.54	-13.00	Pass
5640.20	V	-68.28	13.94	7.98	-46.36		
7519.60	V	-74.09	13.87	9.68	-50.54		
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:	2020-09-07		
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	-62.74	14.94	6.24	-41.56	-13.00	Pass
5640.20	H	-67.53	13.87	7.98	-45.68		
7519.60	H	-73.51	14.49	9.68	-49.34		
3759.90	Vertical	-64.66	15.97	6.24	-42.45	-13.00	Pass
5640.20	V	-67.20	13.94	7.98	-45.28		
7519.60	V	-74.09	13.87	9.68	-50.54		
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:	2020-09-07		
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	-61.54	14.94	6.24	-40.36	-13.00	Pass
5640.20	H	-67.51	13.87	7.98	-45.66		
7519.60	H	-72.73	14.49	9.68	-48.56		
3759.90	Vertical	-63.44	15.97	6.24	-41.23	-13.00	Pass
5640.20	V	-68.30	13.94	7.98	-46.38		
7519.60	V	-74.83	13.87	9.68	-51.28		
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:	2020-09-07		
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	-69.54	14.94	6.24	-48.36	-13.00	Pass
5640.20	H	-67.19	13.87	7.98	-45.34		
7519.60	H	-64.73	14.49	9.68	-40.56		
3759.90	Vertical	-70.17	15.97	6.24	-47.96	-13.00	Pass
5640.20	V	-65.54	13.94	7.98	-43.62		
7519.60	V	-63.92	13.87	9.68	-40.37		
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:	2020-09-07		
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	-71.50	14.94	6.24	-50.32	-13.00	Pass
5640.20	H	-62.09	13.87	7.98	-40.24		
7519.60	H	-63.60	14.49	9.68	-39.43		
3759.90	Vertical	-70.77	15.97	6.24	-48.56	-13.00	Pass
5640.20	V	-65.13	13.94	7.98	-43.21		
7519.60	V	-61.99	13.87	9.68	-38.44		
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:	2020-09-07		
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	-74.36	14.70	6.12	-53.54	-13.00	Pass
5198.98	H	-67.19	13.67	7.86	-45.66		
6932.13	H	-64.46	14.27	9.54	-40.65		
3465.99	Vertical	-75.46	15.81	6.12	-53.53	-13.00	Pass
5198.98	V	-65.12	13.80	7.86	-43.46		
6932.13	V	-61.59	13.40	9.54	-38.65		
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:	2020-09-07		
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	-73.38	14.70	6.12	-52.56	-13.00	Pass
5198.98	H	-65.87	13.67	7.86	-44.34		
6932.13	H	-62.49	14.27	9.54	-38.68		
3465.99	Vertical	-71.46	15.81	6.12	-49.53	-13.00	Pass
5198.98	V	-62.12	13.80	7.86	-40.46		
6932.13	V	-62.50	13.40	9.54	-39.56		
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:	2020-09-07		
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	-70.38	14.70	6.12	-49.56	-13.00	Pass
5198.98	H	-66.87	13.67	7.86	-45.34		
6932.13	H	-64.13	14.27	9.54	-40.32		
3465.99	Vertical	-70.48	15.81	6.12	-48.55	-13.00	Pass
5198.98	V	-65.24	13.80	7.86	-43.58		
6932.13	V	-61.73	13.40	9.54	-38.79		
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:	2020-09-07		
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	-68.19	14.70	6.12	-47.37	-13.00	Pass
5198.98	H	-65.10	13.67	7.86	-43.57		
6932.13	H	-63.46	14.27	9.54	-39.65		
3465.99	Vertical	-68.41	15.81	6.12	-46.48	-13.00	Pass
5198.98	V	-64.25	13.80	7.86	-42.59		
6932.13	V	-60.46	13.40	9.54	-37.52		
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:	2020-09-07		
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	-69.66	14.70	6.12	-48.84	-13.00	Pass
5198.98	H	-65.85	13.67	7.86	-44.32		
6932.13	H	-62.23	14.27	9.54	-38.42		
3465.99	Vertical	-71.47	15.81	6.12	-49.54	-13.00	Pass
5198.98	V	-63.01	13.80	7.86	-41.35		
6932.13	V	-59.61	13.40	9.54	-36.67		
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:	2020-09-07		
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	-67.60	14.70	6.12	-46.78	-13.00	Pass
5198.98	H	-63.89	13.67	7.86	-42.36		
6932.13	H	-60.48	14.27	9.54	-36.67		
3465.99	Vertical	-69.31	15.81	6.12	-47.38	-13.00	Pass
5198.98	V	-61.98	13.80	7.86	-40.32		
6932.13	V	-60.49	13.40	9.54	-37.55		
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:	2020-09-07		
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	-60.13	7.49	3.97	-48.67	-13.00	Pass
2122.70	H	-52.41	7.03	5.05	-40.33		
2829.60	H	-53.02	12.48	5.98	-34.56		
1414.80	Vertical	-59.57	8.02	3.97	-47.58	-13.00	Pass
2122.70	V	-56.08	10.47	5.05	-40.56		
2829.60	V	-58.55	16.92	5.98	-35.65		
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:	2020-09-07		
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	-58.81	7.49	3.97	-47.35	-13.00	Pass
2122.70	H	-51.53	7.03	5.05	-39.45		
2829.60	H	-52.34	12.48	5.98	-33.88		
1414.80	Vertical	-58.67	8.02	3.97	-46.68	-13.00	Pass
2122.70	V	-54.21	10.47	5.05	-38.69		
2829.60	V	-57.55	16.92	5.98	-34.65		
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:	2020-09-07		
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	-51.71	7.49	3.97	-40.25	-13.00	Pass
2122.70	H	-47.76	7.03	5.05	-35.68		
2829.60	H	-49.03	12.48	5.98	-30.57		
1414.80	Vertical	-53.64	8.02	3.97	-41.65	-13.00	Pass
2122.70	V	-51.81	10.47	5.05	-36.29		
2829.60	V	-53.26	16.92	5.98	-30.36		
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:	2020-09-07		
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	-58.21	7.49	3.97	-46.75	-13.00	Pass
2122.70	H	-50.64	7.03	5.05	-38.56		
2829.60	H	-51.13	12.48	5.98	-32.67		
1414.80	Vertical	-57.67	8.02	3.97	-45.68	-13.00	Pass
2122.70	V	-52.30	10.47	5.05	-36.78		
2829.60	V	-57.24	16.92	5.98	-34.34		
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		
3.7	-30	100	0.0532	±2.5	Pass
	-20	108	0.0573		
	-10	114	0.0607		
	0	105	0.0561		
	10	109	0.0581		
	20	103	0.0549		
	30	112	0.0597		
	40	103	0.0546		
	50	100	0.0532		
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		
3.7	-30	123	0.0654	±2.5	Pass
	-20	132	0.0703		
	-10	125	0.0664		
	0	119	0.0635		
	10	124	0.0662		
	20	133	0.0705		
	30	138	0.0734		
	40	132	0.0702		
	50	138	0.0736		
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		
3.7	-30	89	0.0473	±2.5	Pass
	-20	97	0.0515		
	-10	87	0.0462		
	0	82	0.0438		
	10	88	0.0470		
	20	95	0.0506		
	30	104	0.0554		
	40	96	0.0509		
	50	90	0.0479		
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		
3.7	-30	68	0.0362	±2.5	Pass
	-20	76	0.0405		
	-10	72	0.0381		
	0	71	0.0379		
	10	73	0.0388		
	20	67	0.0356		
	30	68	0.0361		
	40	75	0.0400		
	50	75	0.0398		

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		
3.7	-30	50	0.0266	±2.5	Pass
	-20	41	0.0217		
	-10	49	0.0258		
	0	56	0.0295		
	10	57	0.0305		
	20	49	0.0258		
	30	48	0.0256		
	40	42	0.0226		
	50	40	0.0214		
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		
3.7	-30	89	0.0473	±2.5	Pass
	-20	99	0.0525		
	-10	100	0.0534		
	0	95	0.0503		
	10	90	0.0479		
	20	96	0.0510		
	30	88	0.0468		
	40	95	0.0503		
	50	92	0.0490		

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		
3.7	-30	64	0.0369	±2.5	Pass
	-20	71	0.0410		
	-10	76	0.0438		
	0	73	0.0420		
	10	81	0.0470		
	20	77	0.0446		
	30	85	0.0491		
	40	87	0.0503		
	50	82	0.0472		
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		
3.7	-30	59	0.0341	±2.5	Pass
	-20	60	0.0345		
	-10	51	0.0293		
	0	53	0.0303		
	10	57	0.0332		
	20	52	0.0301		
	30	49	0.0283		
	40	56	0.0325		
	50	63	0.0361		
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		
3.7	-30	48	0.0277	±2.5	Pass
	-20	49	0.0285		
	-10	50	0.0287		
	0	54	0.0310		
	10	55	0.0318		
	20	54	0.0309		
	30	58	0.0335		
	40	63	0.0366		
	50	60	0.0346		
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		
3.7	-30	52	0.0300	±2.5	Pass
	-20	62	0.0356		
	-10	52	0.0300		
	0	55	0.0316		
	10	53	0.0305		
	20	43	0.0249		
	30	46	0.0264		
	40	37	0.0216		
	50	44	0.0254		

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		
3.7	-30	78	0.0450	±2.5	Pass
	-20	76	0.0439		
	-10	68	0.0395		
	0	60	0.0345		
	10	68	0.0391		
	20	68	0.0391		
	30	59	0.0342		
	40	55	0.0320		
	50	59	0.0338		
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		
3.7	-30	94	0.0543	±2.5	Pass
	-20	90	0.0520		
	-10	90	0.0520		
	0	81	0.0465		
	10	80	0.0464		
	20	78	0.0448		
	30	69	0.0401		
	40	67	0.0385		
	50	67	0.0384		

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		
3.7	-30	55	0.0777	±2.5	Pass
	-20	48	0.0679		
	-10	44	0.0622		
	0	35	0.0498		
	10	42	0.0593		
	20	42	0.0595		
	30	51	0.0722		
	40	57	0.0799		
	50	50	0.0709		
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		
3.7	-30	68	0.0961	±2.5	Pass
	-20	76	0.1078		
	-10	69	0.0981		
	0	62	0.0875		
	10	66	0.0936		
	20	59	0.0829		
	30	59	0.0830		
	40	67	0.0953		
	50	68	0.0955		
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		
3.7	-30	75	0.1060	±2.5	Pass
	-20	69	0.0972		
	-10	73	0.1035		
	0	74	0.1043		
	10	65	0.0917		
	20	57	0.0801		
	30	49	0.0692		
	40	42	0.0591		
	50	36	0.0511		
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		
3.7	-30	80	0.1131	±2.5	Pass
	-20	71	0.0997		
	-10	65	0.0922		
	0	65	0.0923		
	10	61	0.0869		
	20	65	0.0920		
	30	58	0.0821		
	40	63	0.0891		
	50	61	0.0860		

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		
3.7	-30	76	0.0404	±2.5	Pass
	-20	82	0.0439		
	-10	85	0.0455		
	0	80	0.0424		
	10	88	0.0467		
	20	97	0.0517		
	30	92	0.0487		
	40	98	0.0523		
	50	96	0.0512		
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		
3.7	-30	95	0.0505	±2.5	Pass
	-20	87	0.0465		
	-10	96	0.0511		
	0	106	0.0562		
	10	110	0.0584		
	20	101	0.0535		
	30	107	0.0571		
	40	111	0.0588		
	50	111	0.0591		
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		
3.7	-30	85	0.0452	±2.5	Pass
	-20	94	0.0501		
	-10	97	0.0514		
	0	95	0.0504		
	10	100	0.0534		
	20	103	0.0548		
	30	112	0.0597		
	40	116	0.0616		
	50	117	0.0624		
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		
3.7	-30	69	0.0367	±2.5	Pass
	-20	62	0.0328		
	-10	64	0.0342		
	0	71	0.0380		
	10	65	0.0347		
	20	56	0.0299		
	30	61	0.0322		
	40	65	0.0348		
	50	61	0.0324		

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		
3.7	-30	84	0.0447	±2.5	Pass
	-20	90	0.0477		
	-10	96	0.0513		
	0	89	0.0471		
	10	89	0.0473		
	20	95	0.0506		
	30	92	0.0490		
	40	97	0.0515		
	50	92	0.0489		
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		
3.7	-30	97	0.0516	±2.5	Pass
	-20	101	0.0539		
	-10	103	0.0546		
	0	98	0.0522		
	10	90	0.0477		
	20	89	0.0472		
	30	97	0.0514		
	40	95	0.0505		
	50	96	0.0512		

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		
3.7	-30	55	0.0317	±2.5	Pass
	-20	55	0.0315		
	-10	51	0.0295		
	0	59	0.0342		
	10	63	0.0366		
	20	64	0.0367		
	30	65	0.0375		
	40	71	0.0407		
	50	79	0.0457		
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		
3.7	-30	48	0.0277	±2.5	Pass
	-20	43	0.0250		
	-10	36	0.0206		
	0	38	0.0217		
	10	46	0.0264		
	20	50	0.0289		
	30	46	0.0263		
	40	41	0.0235		
	50	44	0.0254		
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		
3.7	-30	84	0.0485	±2.5	Pass
	-20	86	0.0494		
	-10	95	0.0550		
	0	105	0.0605		
	10	102	0.0586		
	20	100	0.0575		
	30	90	0.0519		
	40	91	0.0526		
	50	85	0.0489		
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		
3.7	-30	69	0.0398	±2.5	Pass
	-20	70	0.0402		
	-10	76	0.0439		
	0	77	0.0446		
	10	87	0.0502		
	20	80	0.0464		
	30	71	0.0410		
	40	68	0.0390		
	50	71	0.0412		

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		
3.7	-30	93	0.0537	±2.5	Pass
	-20	96	0.0555		
	-10	95	0.0546		
	0	96	0.0553		
	10	99	0.0573		
	20	100	0.0578		
	30	104	0.0599		
	40	108	0.0622		
	50	99	0.0572		
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		
3.7	-30	76	0.0439	±2.5	Pass
	-20	75	0.0435		
	-10	84	0.0485		
	0	74	0.0428		
	10	84	0.0485		
	20	79	0.0456		
	30	69	0.0401		
	40	65	0.0373		
	50	57	0.0329		

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		
3.7	-30	85	0.1201	±2.5	Pass
	-20	92	0.1301		
	-10	91	0.1288		
	0	94	0.1325		
	10	87	0.1230		
	20	94	0.1335		
	30	89	0.1256		
	40	88	0.1241		
	50	94	0.1329		
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		
3.7	-30	89	0.1258	±2.5	Pass
	-20	96	0.1360		
	-10	93	0.1312		
	0	87	0.1224		
	10	92	0.1302		
	20	95	0.1348		
	30	97	0.1370		
	40	92	0.1300		
	50	93	0.1318		
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		
3.7	-30	95	0.1343	±2.5	Pass
	-20	93	0.1313		
	-10	97	0.1371		
	0	89	0.1265		
	10	93	0.1318		
	20	89	0.1263		
	30	99	0.1397		
	40	100	0.1410		
	50	94	0.1329		
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		
3.7	-30	78	0.1102	±2.5	Pass
	-20	69	0.0973		
	-10	78	0.1104		
	0	72	0.1017		
	10	75	0.1059		
	20	82	0.1155		
	30	89	0.1253		
	40	85	0.1207		
	50	79	0.1122		

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	3.5	125	0.0665	±2.5	Pass
	3.7	120	0.0637		
	4.2	124	0.0658		
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	3.5	117	0.0623	±2.5	Pass
	3.7	114	0.0608		
	4.2	119	0.0631		
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	3.5	116	0.0616	±2.5	Pass
	3.7	111	0.0591		
	4.2	115	0.0611		
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	3.5	113	0.0602	±2.5	Pass
	3.7	112	0.0595		
	4.2	112	0.0595		
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	3.5	109	0.0578	±2.5	Pass
	3.7	113	0.0600		
	4.2	121	0.0646		
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	3.5	127	0.0675	±2.5	Pass
	3.7	118	0.0627		
	4.2	128	0.0678		

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	3.5	142	0.0820	±2.5	Pass
	3.7	142	0.0818		
	4.2	143	0.0828		
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	3.5	145	0.0835	±2.5	Pass
	3.7	147	0.0850		
	4.2	156	0.0898		
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	3.5	156	0.0898	±2.5	Pass
	3.7	154	0.0890		
	4.2	157	0.0906		
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	3.5	163	0.0942	±2.5	Pass
	3.7	165	0.0951		
	4.2	171	0.0985		
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	3.5	181	0.1042	±2.5	Pass
	3.7	177	0.1022		
	4.2	187	0.1079		
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	3.5	196	0.1132	±2.5	Pass
	3.7	202	0.1168		
	4.2	210	0.1212		

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	3.5	114	0.1611	±2.5	Pass
	3.7	124	0.1746		
	4.2	117	0.1660		
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	3.5	118	0.1670	±2.5	Pass
	3.7	110	0.1556		
	4.2	103	0.1456		
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	3.5	111	0.1576	±2.5	Pass
	3.7	114	0.1609		
	4.2	106	0.1501		
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	3.5	109	0.1539	±2.5	Pass
	3.7	103	0.1449		
	4.2	105	0.1486		

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	3.5	135	0.0718	±2.5	Pass
	3.7	144	0.0766		
	4.2	152	0.0807		
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	3.5	157	0.0836	±2.5	Pass
	3.7	161	0.0855		
	4.2	155	0.0824		
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	3.5	161	0.0858	±2.5	Pass
	3.7	153	0.0816		
	4.2	161	0.0857		
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	3.5	157	0.0835	±2.5	Pass
	3.7	163	0.0869		
	4.2	168	0.0894		
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	3.5	171	0.0912	±2.5	Pass
	3.7	176	0.0939		
	4.2	174	0.0926		
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	3.5	169	0.0897	±2.5	Pass
	3.7	170	0.0902		
	4.2	164	0.0874		

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	3.5	128	0.0739	±2.5	Pass
	3.7	121	0.0698		
	4.2	120	0.0694		
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	3.5	116	0.0669	±2.5	Pass
	3.7	112	0.0644		
	4.2	117	0.0674		
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	3.5	115	0.0667	±2.5	Pass
	3.7	113	0.0654		
	4.2	112	0.0645		
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	3.5	115	0.0665	±2.5	Pass
	3.7	117	0.0673		
	4.2	118	0.0678		
Reference Frequency: LTE Band 4 16QAM (15MHz) Middle channel=20175 Frequency=1732.5MHz z					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	3.5	125	0.0723	±2.5	Pass
	3.7	135	0.0780		
	4.2	130	0.0748		
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	3.5	121	0.0700	±2.5	Pass
	3.7	128	0.0736		
	4.2	123	0.0709		

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	3.5	123	0.1739	±2.5	Pass
	3.7	130	0.1834		
	4.2	136	0.1923		
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	3.5	126	0.1777	±2.5	Pass
	3.7	124	0.1754		
	4.2	134	0.1889		
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	3.5	129	0.1824	±2.5	Pass
	3.7	136	0.1920		
	4.2	135	0.1904		
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	3.5	113	0.1597	±2.5	Pass
	3.7	117	0.1655		
	4.2	125	0.1761		

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