

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 40(2305-2315)

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2307.5	38725	5	1	0	23.62
QPSK	2307.5	38725	5	1	12	23.81
QPSK	2307.5	38725	5	1	24	23.86
QPSK	2307.5	38725	5	12	0	22.48
QPSK	2307.5	38725	5	12	7	22.44
QPSK	2307.5	38725	5	12	13	22.46
QPSK	2307.5	38725	5	25	0	22.47
QPSK	2310	38750	5	1	0	23.81
QPSK	2310	38750	5	1	12	23.89
QPSK	2310	38750	5	1	24	24.00
QPSK	2310	38750	5	12	0	22.41
QPSK	2310	38750	5	12	7	22.55
QPSK	2310	38750	5	12	13	22.37
QPSK	2310	38750	5	25	0	22.39
QPSK	2312.5	38775	5	1	0	23.64
QPSK	2312.5	38775	5	1	12	23.73
QPSK	2312.5	38775	5	1	24	23.72
QPSK	2312.5	38775	5	12	0	22.59
QPSK	2312.5	38775	5	12	7	22.57
QPSK	2312.5	38775	5	12	13	22.58
QPSK	2312.5	38775	5	25	0	22.60

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2307.5	38725	5	1	0	22.19
16QAM	2307.5	38725	5	1	12	22.08
16QAM	2307.5	38725	5	1	24	22.19
16QAM	2307.5	38725	5	12	0	21.66
16QAM	2307.5	38725	5	12	7	21.59
16QAM	2307.5	38725	5	12	13	21.68
16QAM	2307.5	38725	5	25	0	21.68
16QAM	2310	38750	5	1	0	22.14
16QAM	2310	38750	5	1	12	22.16
16QAM	2310	38750	5	1	24	22.13
16QAM	2310	38750	5	12	0	21.61
16QAM	2310	38750	5	12	7	21.66
16QAM	2310	38750	5	12	13	21.60
16QAM	2310	38750	5	25	0	21.75
16QAM	2312.5	38775	5	1	0	22.37
16QAM	2312.5	38775	5	1	12	22.41
16QAM	2312.5	38775	5	1	24	22.32
16QAM	2312.5	38775	5	12	0	21.72
16QAM	2312.5	38775	5	12	7	21.74
16QAM	2312.5	38775	5	12	13	21.71
16QAM	2312.5	38775	5	25	0	21.85
64QAM	2307.5	38725	5	1	0	20.95
64QAM	2307.5	38725	5	1	12	20.95
64QAM	2307.5	38725	5	1	24	20.82
64QAM	2307.5	38725	5	12	0	20.31
64QAM	2307.5	38725	5	12	7	20.47
64QAM	2307.5	38725	5	12	13	20.30
64QAM	2307.5	38725	5	25	0	20.35
64QAM	2310	38750	5	1	0	20.90
64QAM	2310	38750	5	1	12	20.90
64QAM	2310	38750	5	1	24	20.95
64QAM	2310	38750	5	12	0	20.40
64QAM	2310	38750	5	12	7	20.41
64QAM	2310	38750	5	12	13	20.24
64QAM	2310	38750	5	25	0	20.43
64QAM	2312.5	38775	5	1	0	21.08
64QAM	2312.5	38775	5	1	12	21.62
64QAM	2312.5	38775	5	1	24	20.72
64QAM	2312.5	38775	5	12	0	20.37
64QAM	2312.5	38775	5	12	7	20.41
64QAM	2312.5	38775	5	12	13	20.37
64QAM	2312.5	38775	5	25	0	20.58

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2310	38750	10	1	0	23.94
QPSK	2310	38750	10	1	25	24.00
QPSK	2310	38750	10	1	49	23.94
QPSK	2310	38750	10	25	0	22.48
QPSK	2310	38750	10	25	12	22.39
QPSK	2310	38750	10	25	25	22.51
QPSK	2310	38750	10	50	0	22.35

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2310	38750	10	1	0	22.27
16QAM	2310	38750	10	1	25	22.23
16QAM	2310	38750	10	1	49	22.16
16QAM	2310	38750	10	25	0	21.68
16QAM	2310	38750	10	25	12	21.67
16QAM	2310	38750	10	25	25	21.85
16QAM	2310	38750	10	50	0	21.73
64QAM	2310	38750	10	1	0	20.95
64QAM	2310	38750	10	1	25	20.82
64QAM	2310	38750	10	1	49	20.90
64QAM	2310	38750	10	25	0	20.46
64QAM	2310	38750	10	25	12	20.46
64QAM	2310	38750	10	25	25	20.55
64QAM	2310	38750	10	50	0	20.22

2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
40	QPSK	2307.5	38725	5	25	0	4.432	Fig.1
40	QPSK	2310	38750	5	25	0	4.463	Fig.2
40	QPSK	2312.5	38775	5	25	0	4.448	Fig.3
40	QPSK	2310	38750	10	50	0	8.909	Fig.4

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
40	16QAM	2307.5	38725	5	25	0	4.418	Fig.7
40	16QAM	2310	38750	5	25	0	4.447	Fig.8
40	16QAM	2312.5	38775	5	25	0	4.437	Fig.9
40	16QAM	2310	38750	10	50	0	8.937	Fig.10

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
40	64QAM	2307.5	38725	5	25	0	4.413	Fig.13
40	64QAM	2310	38750	5	25	0	4.396	Fig.14
40	64QAM	2312.5	38775	5	25	0	4.445	Fig.15
40	64QAM	2310	38750	10	50	0	8.858	Fig.16

Test Mode: QPSK

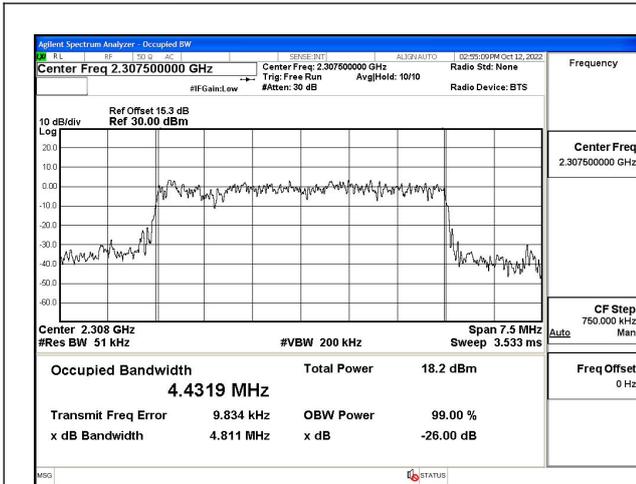


Fig.1

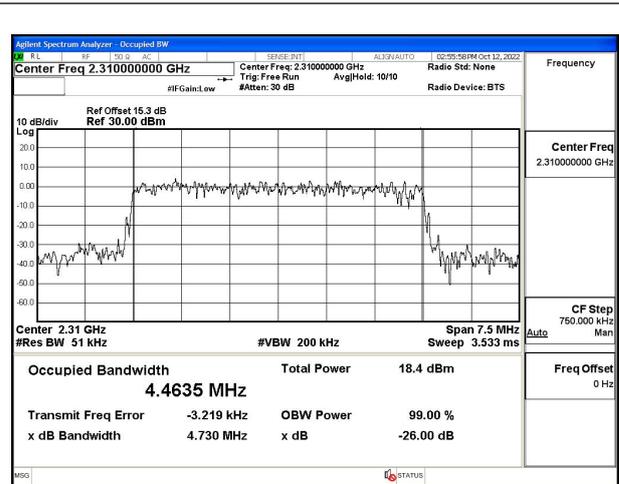


Fig.2

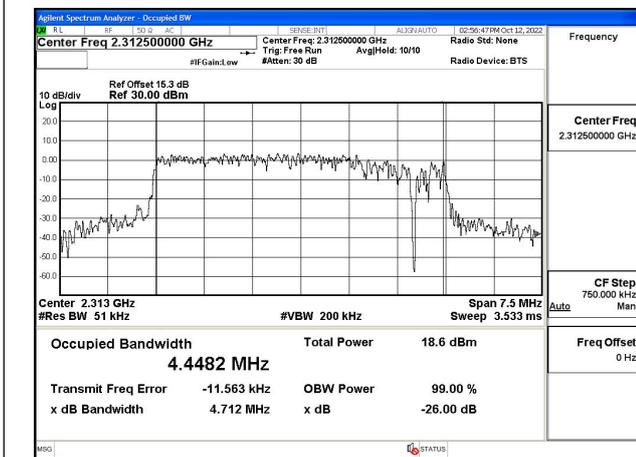


Fig.3

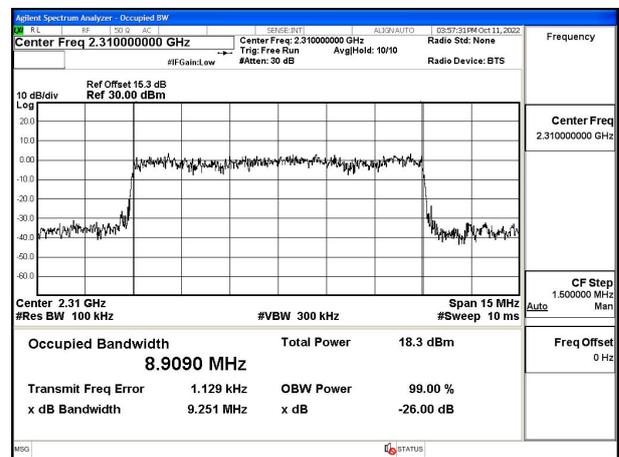


Fig.4

Test Mode: 16QAM

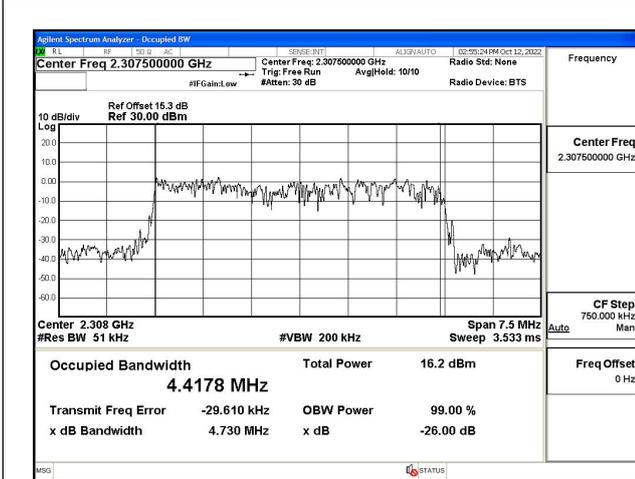


Fig.7

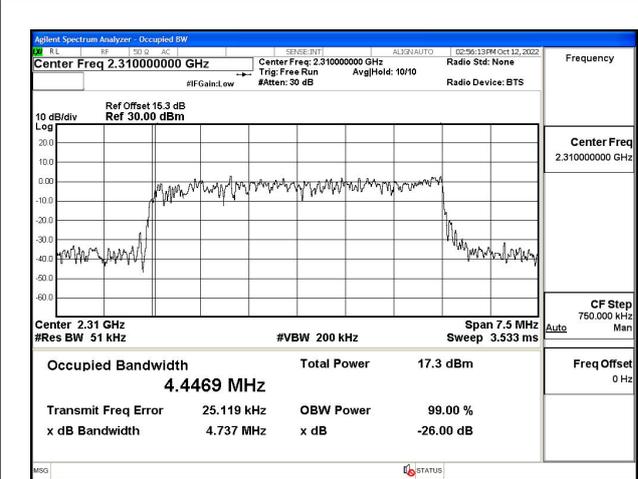


Fig.8

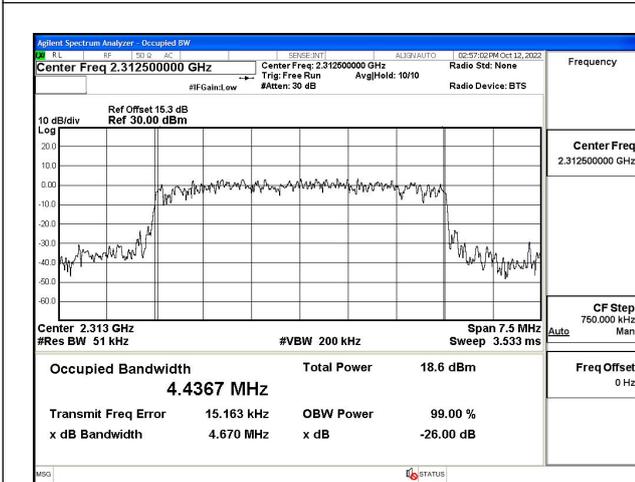


Fig.9

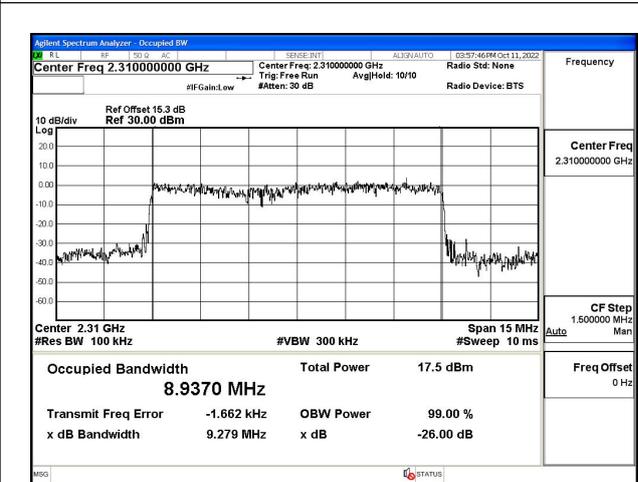


Fig.10

Test Mode: 64QAM

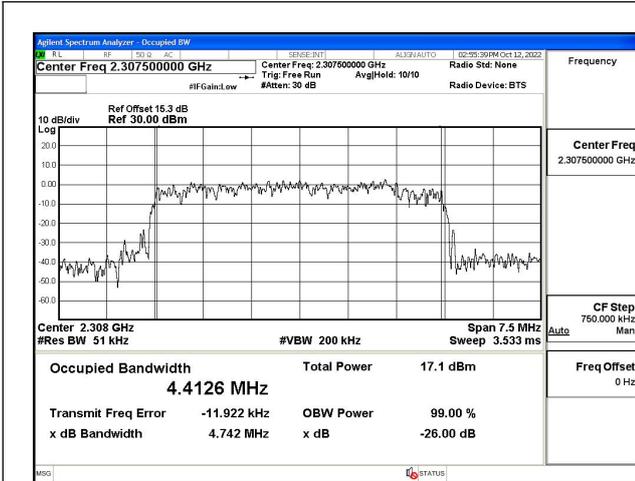


Fig.13

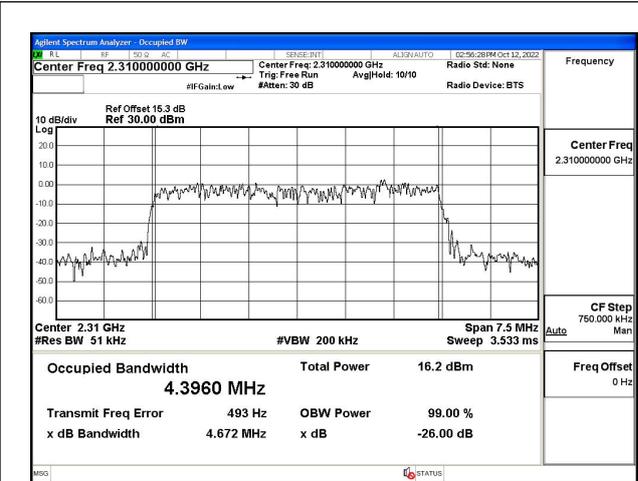


Fig.14

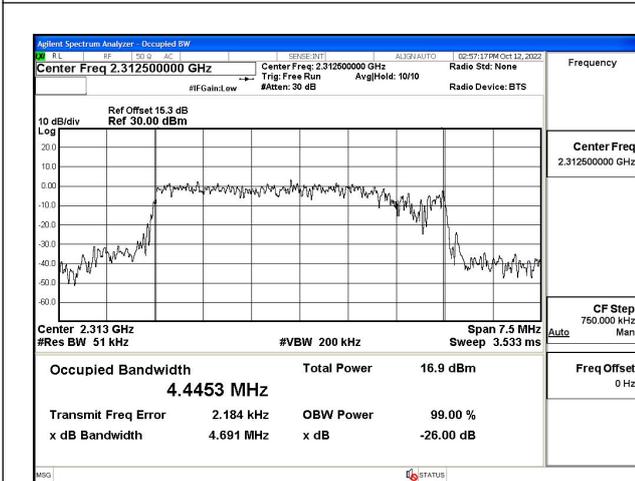


Fig.15

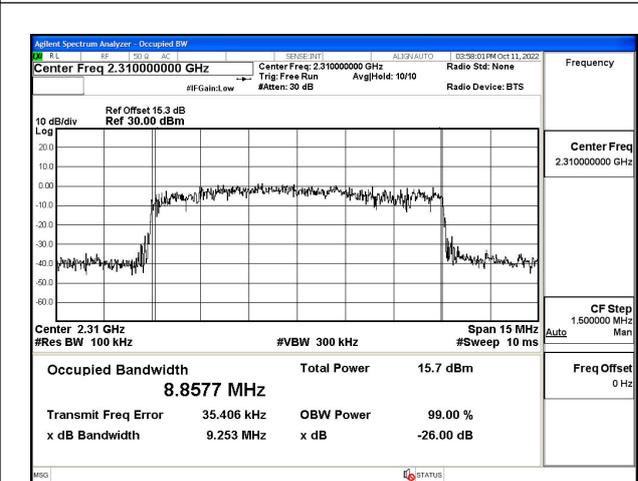


Fig.16

3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
40	QPSK	2307.5	38725	5	25	0	4.811	Fig.1
40	QPSK	2310	38750	5	25	0	4.730	Fig.2
40	QPSK	2312.5	38775	5	25	0	4.712	Fig.3
40	QPSK	2310	38750	10	50	0	9.251	Fig.4

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
40	16QAM	2307.5	38725	5	25	0	4.730	Fig.7
40	16QAM	2310	38750	5	25	0	4.737	Fig.8
40	16QAM	2312.5	38775	5	25	0	4.670	Fig.9
40	16QAM	2310	38750	10	50	0	9.275	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
40	64QAM	2307.5	38725	5	25	0	4.742	Fig.13
40	64QAM	2310	38750	5	25	0	4.672	Fig.14
40	64QAM	2312.5	38775	5	25	0	4.691	Fig.15
40	64QAM	2310	38750	10	50	0	9.451	Fig.18

Test Mode: QPSK

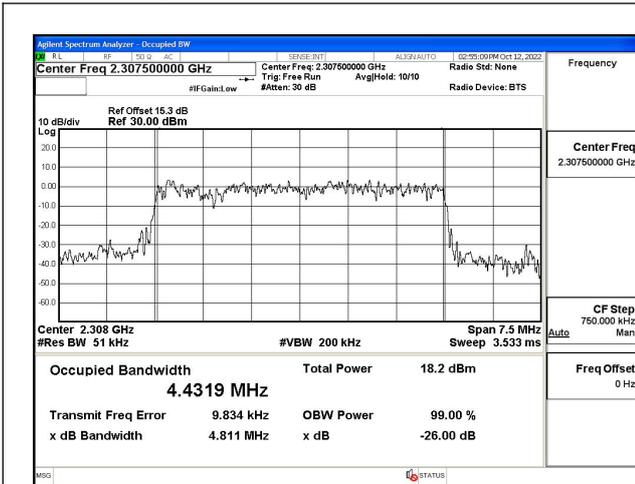


Fig.1

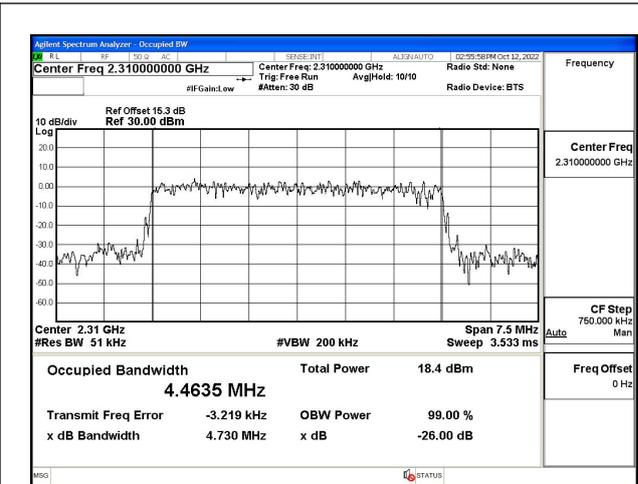


Fig.2

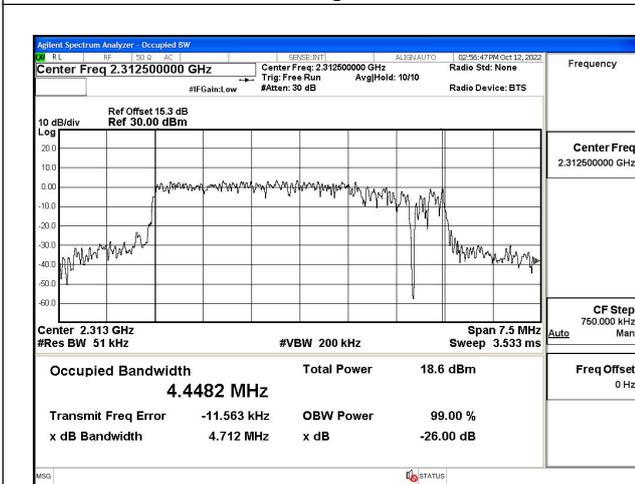


Fig.3

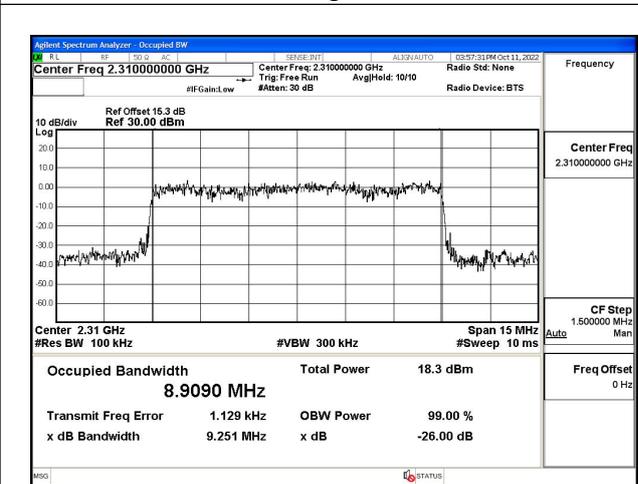


Fig.4

Test Mode: 16QAM

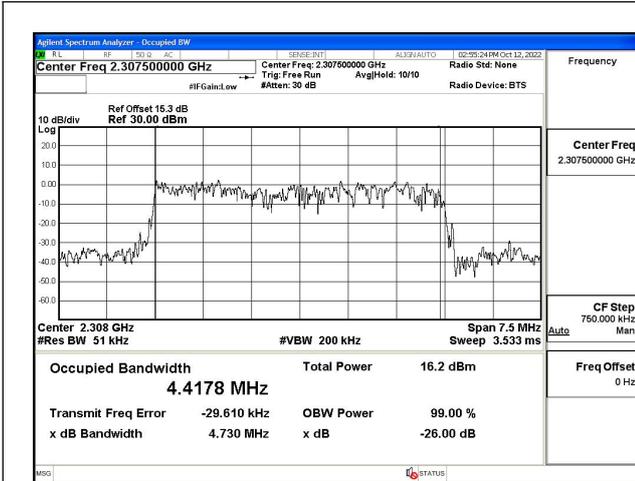


Fig.7

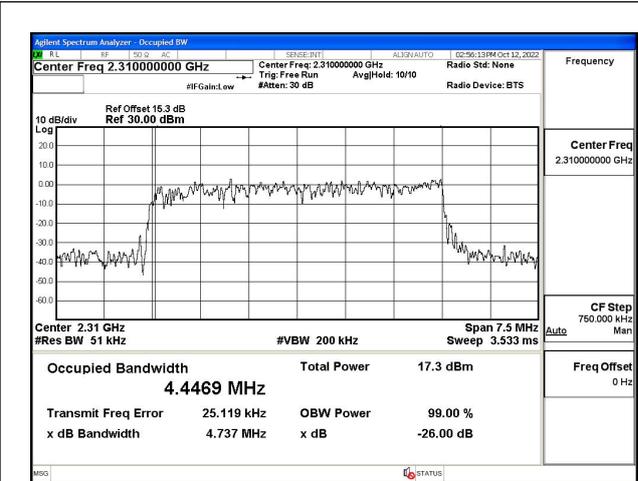


Fig.8

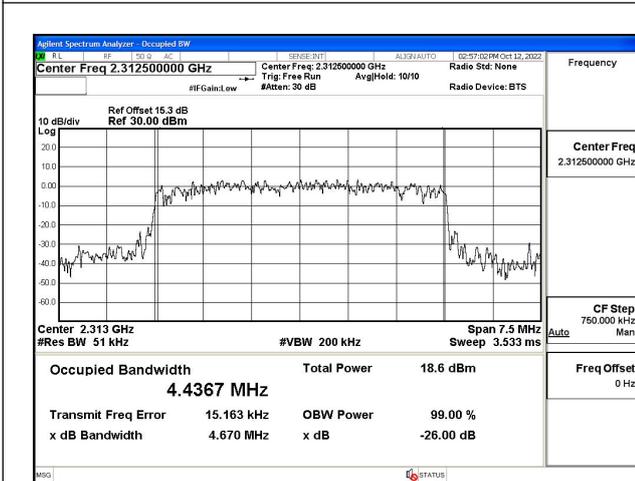


Fig.9

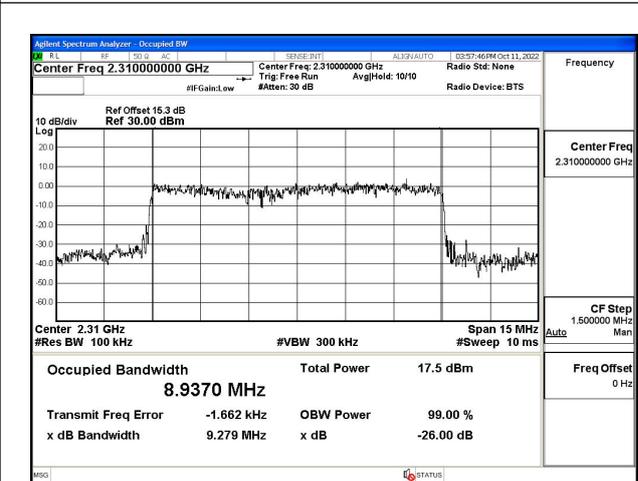


Fig.10

Test Mode: 64QAM

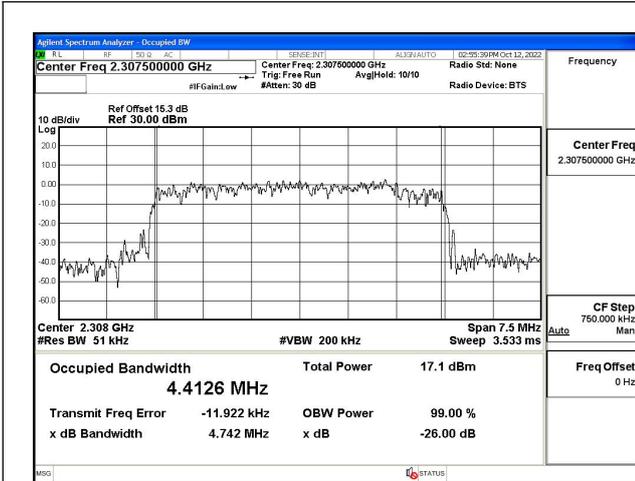


Fig.13

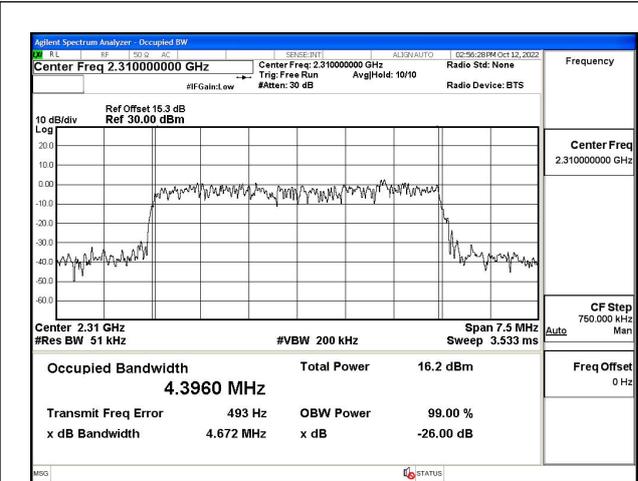


Fig.14

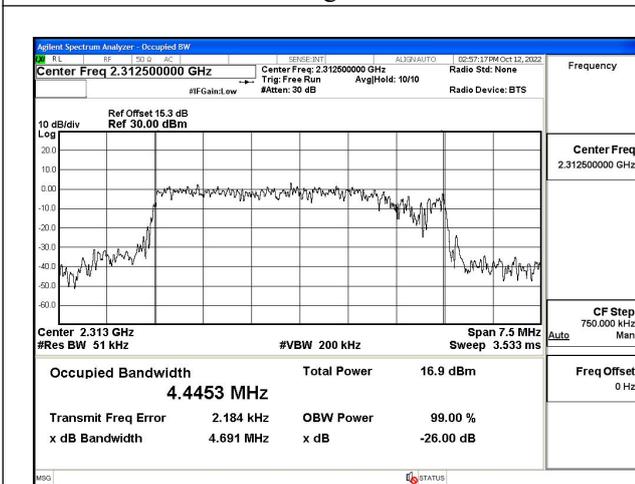


Fig.15

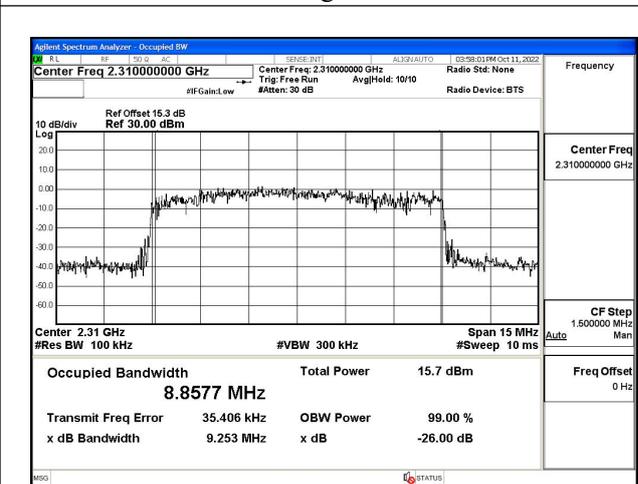


Fig.16

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
40	2307.5	38725	5	1	24	Fig.1	Fig.2	Fig.3
40	2307.5	38725	5	25	0	Fig.4	Fig.5	Fig.6
40	2310	38750	5	1	24	Fig.7	Fig.8	Fig.9
40	2310	38750	5	25	0	Fig.10	Fig.11	Fig.12
40	2312.5	38775	5	1	24	Fig.13	Fig.14	Fig.15
40	2312.5	38775	5	25	0	Fig.16	Fig.17	Fig.18
40	2310	38750	10	1	49	Fig.19	Fig.20	Fig.21
40	2310	38750	10	50	0	Fig.22	Fig.23	Fig.24

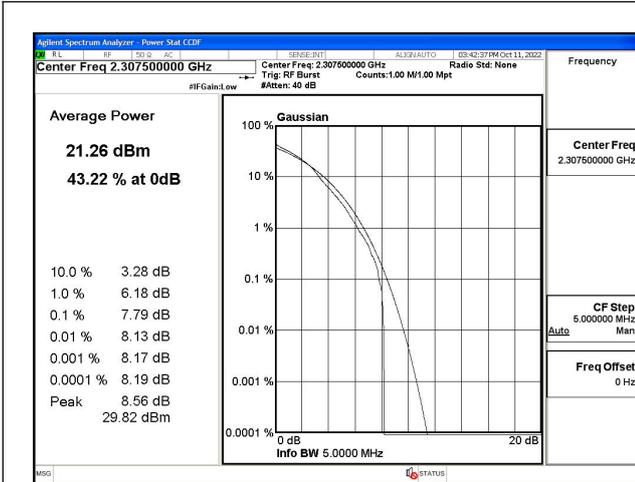


Fig.1

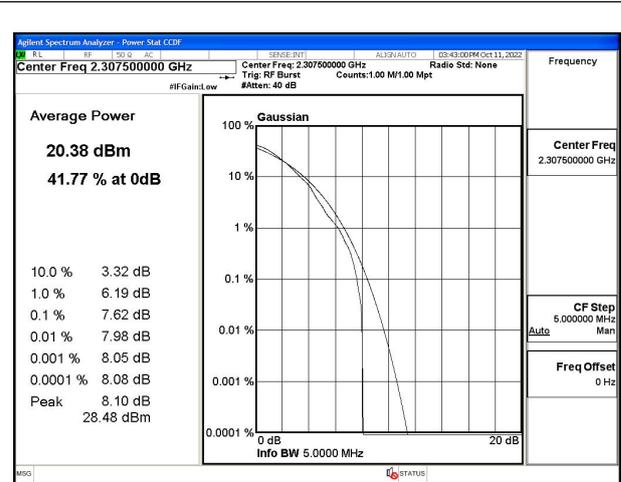


Fig.2

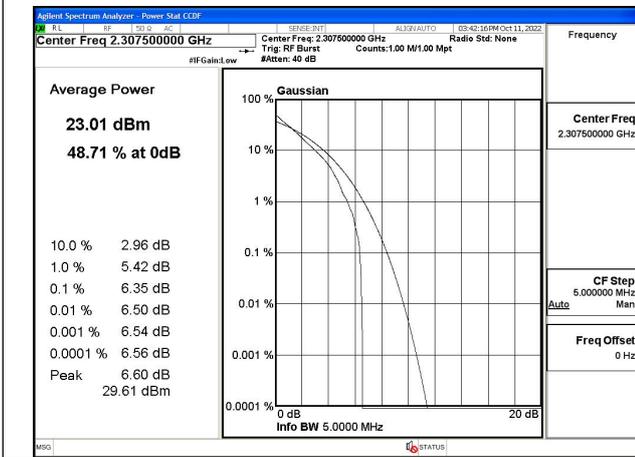


Fig.3

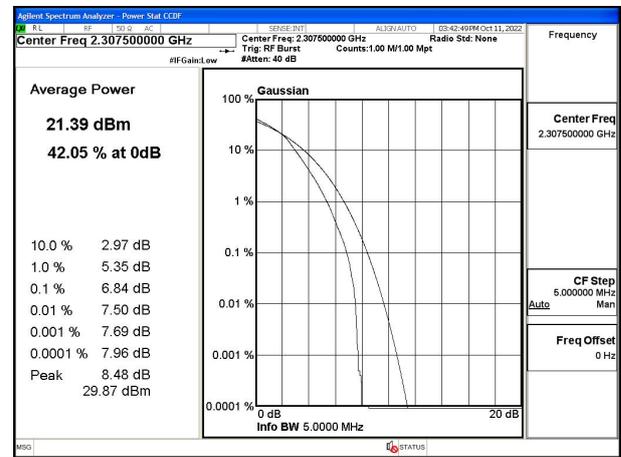


Fig.4

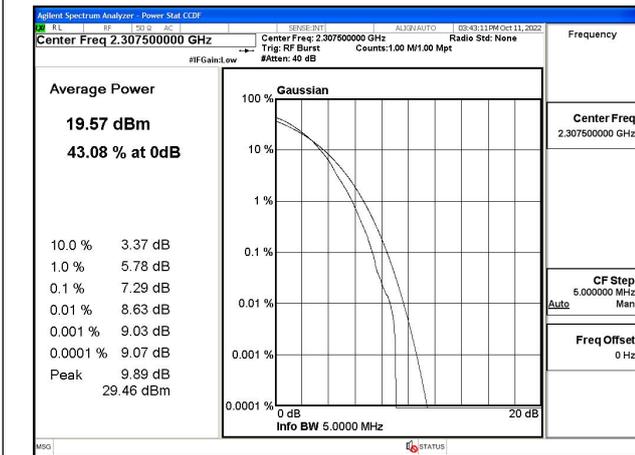


Fig.5

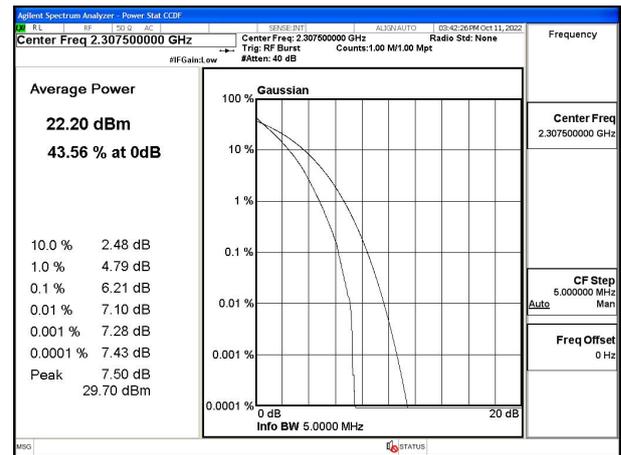


Fig.6

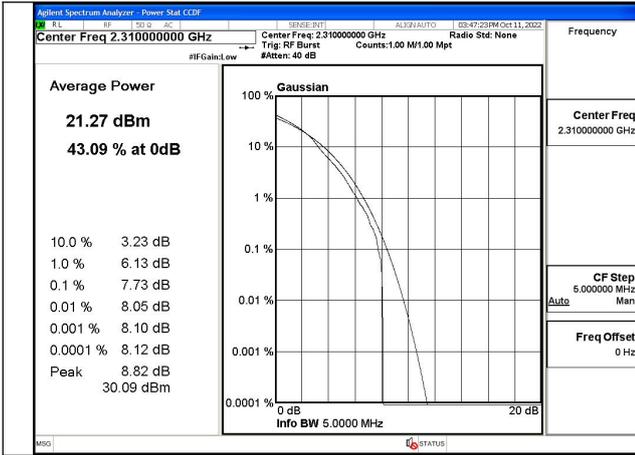


Fig.7

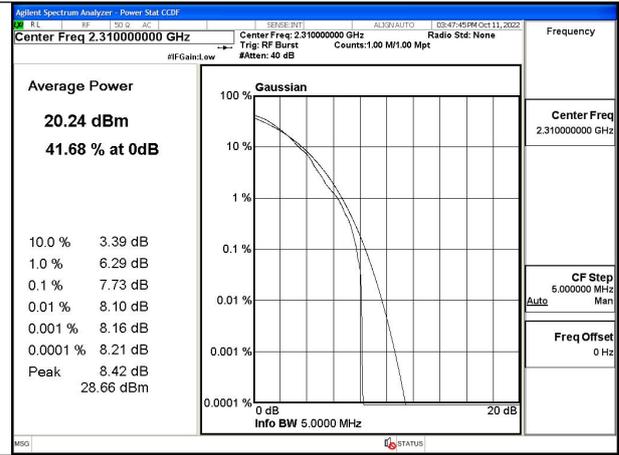


Fig.8

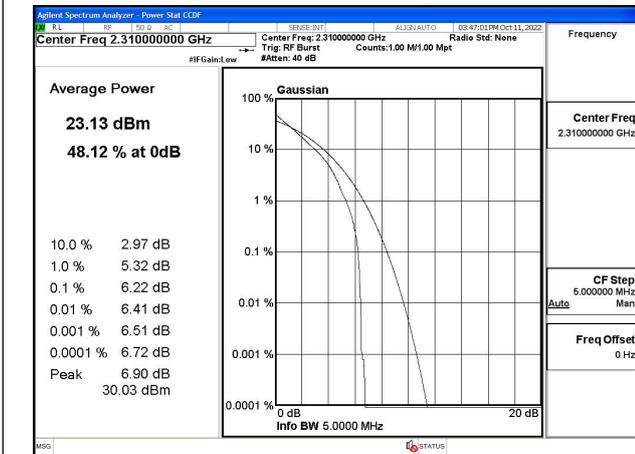


Fig.9

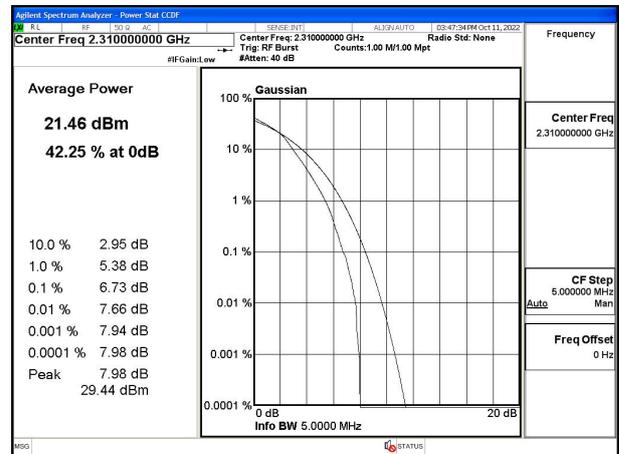


Fig.10

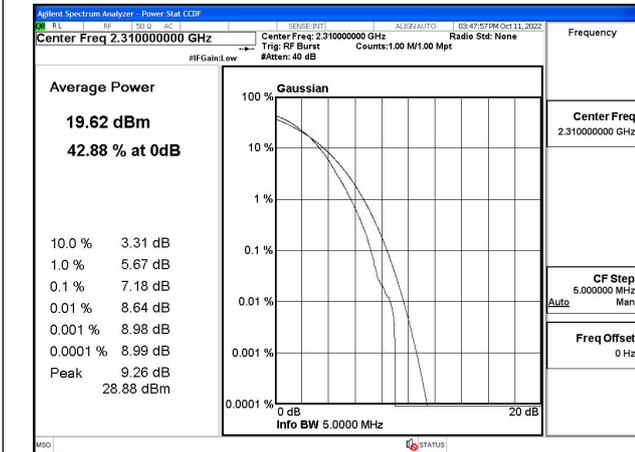


Fig.11

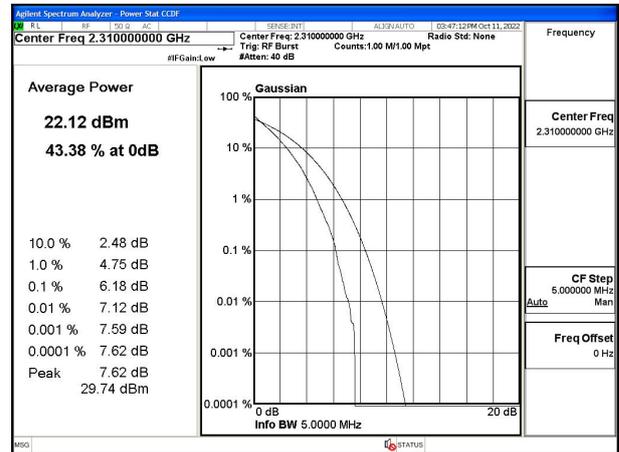


Fig.12

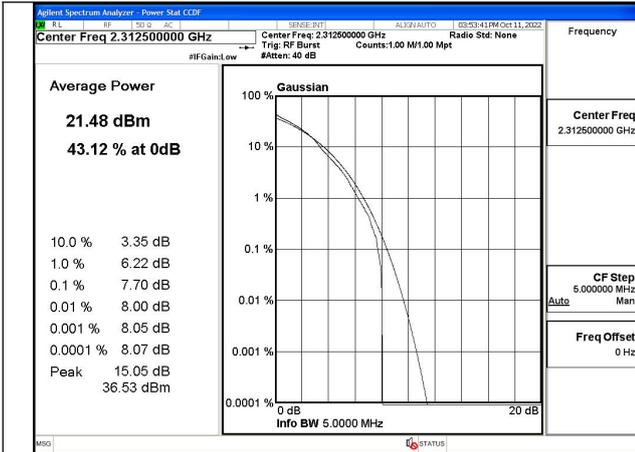


Fig.13

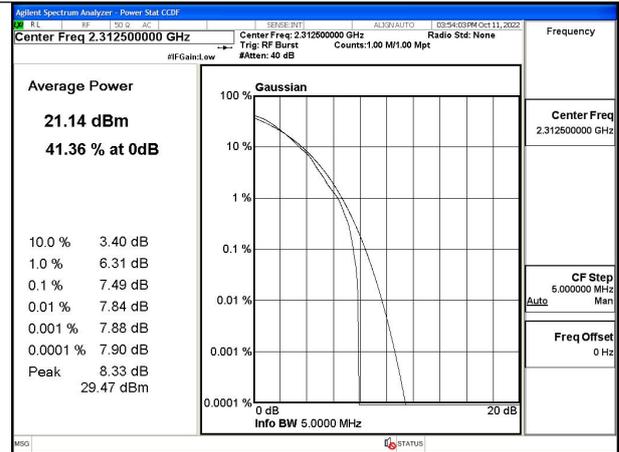


Fig.14

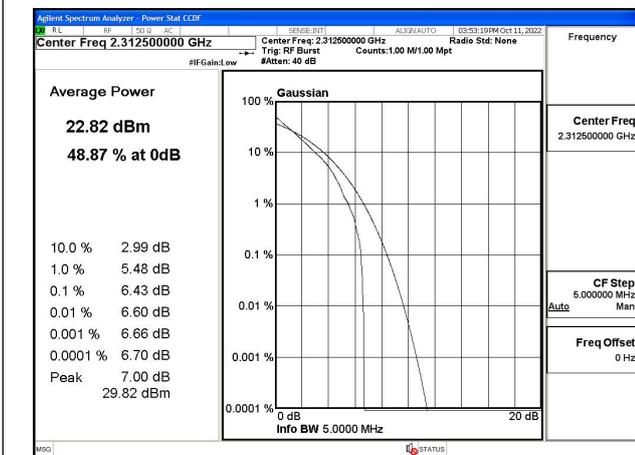


Fig.15

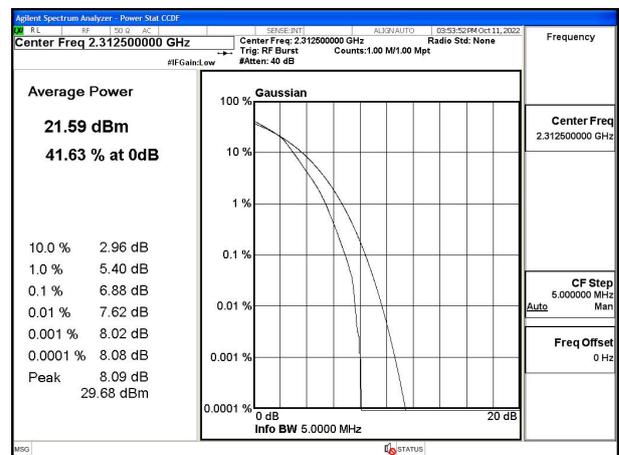


Fig.16

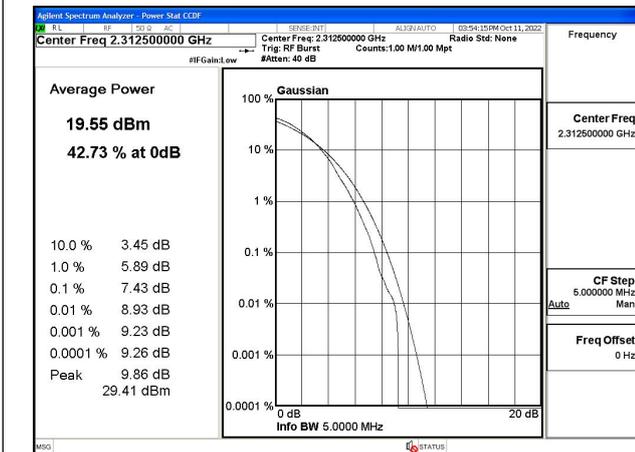


Fig.17

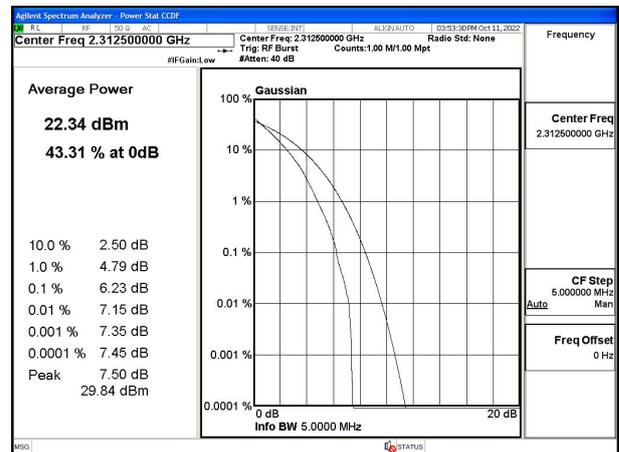


Fig.18

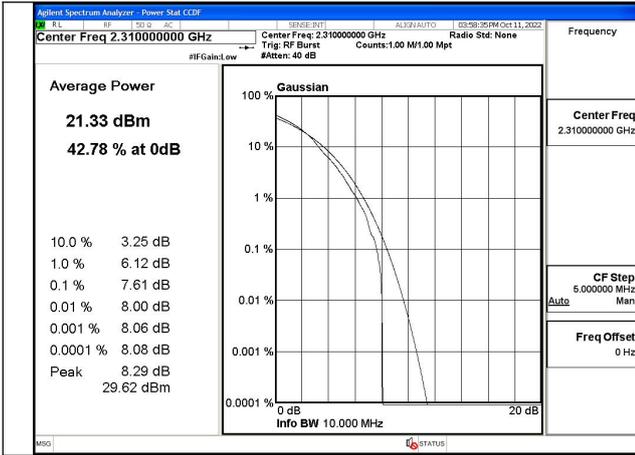


Fig.19

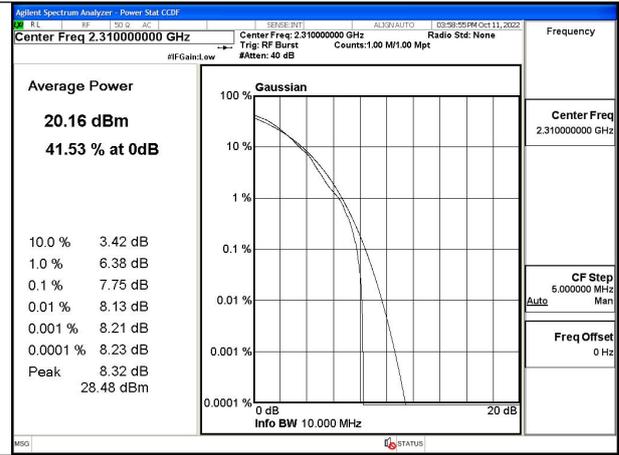


Fig.20

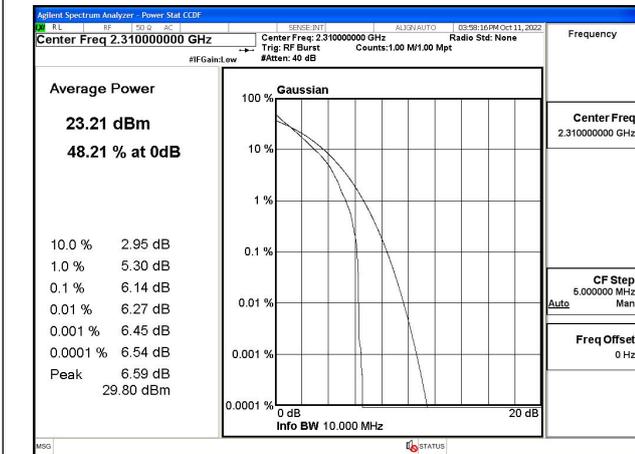


Fig.21

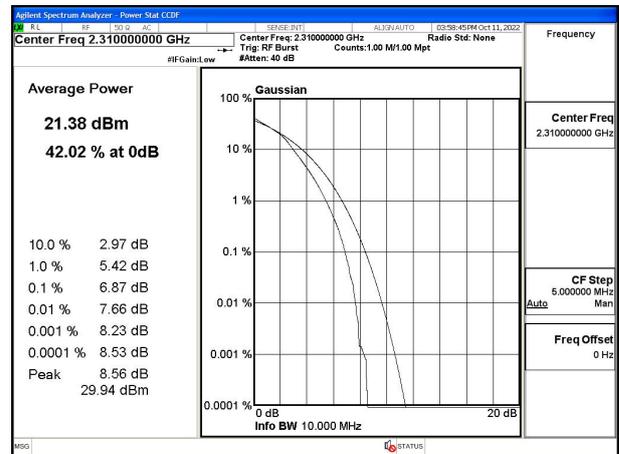


Fig.22

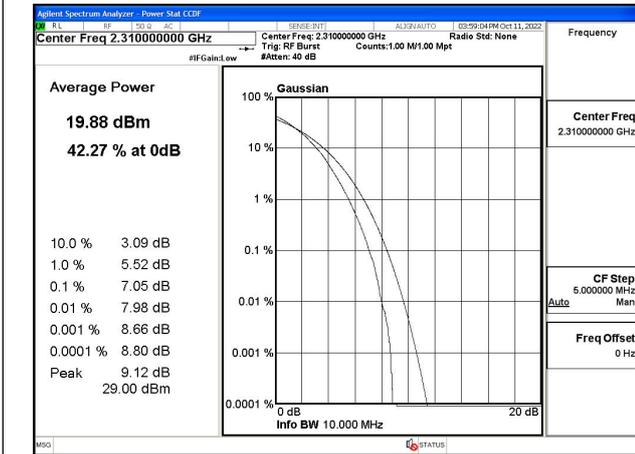


Fig.23

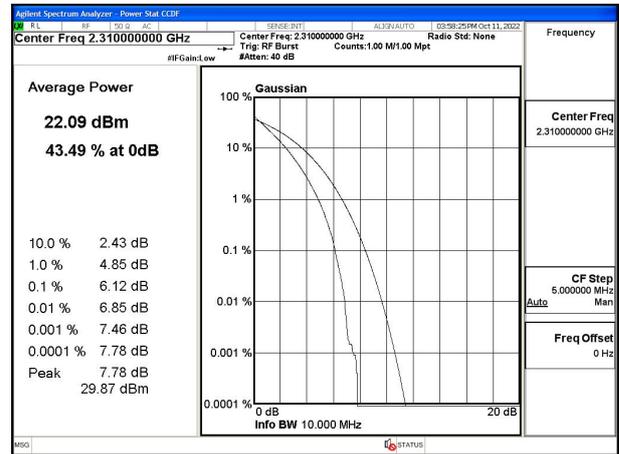


Fig.24

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
40	2310	38750	10	1	0	Fig.1

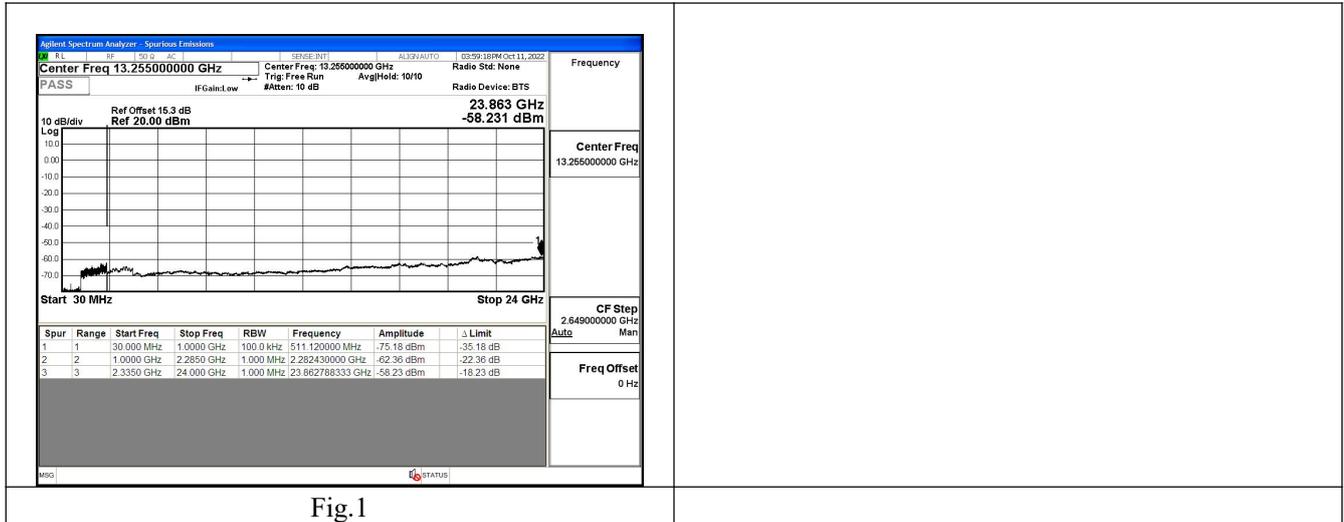
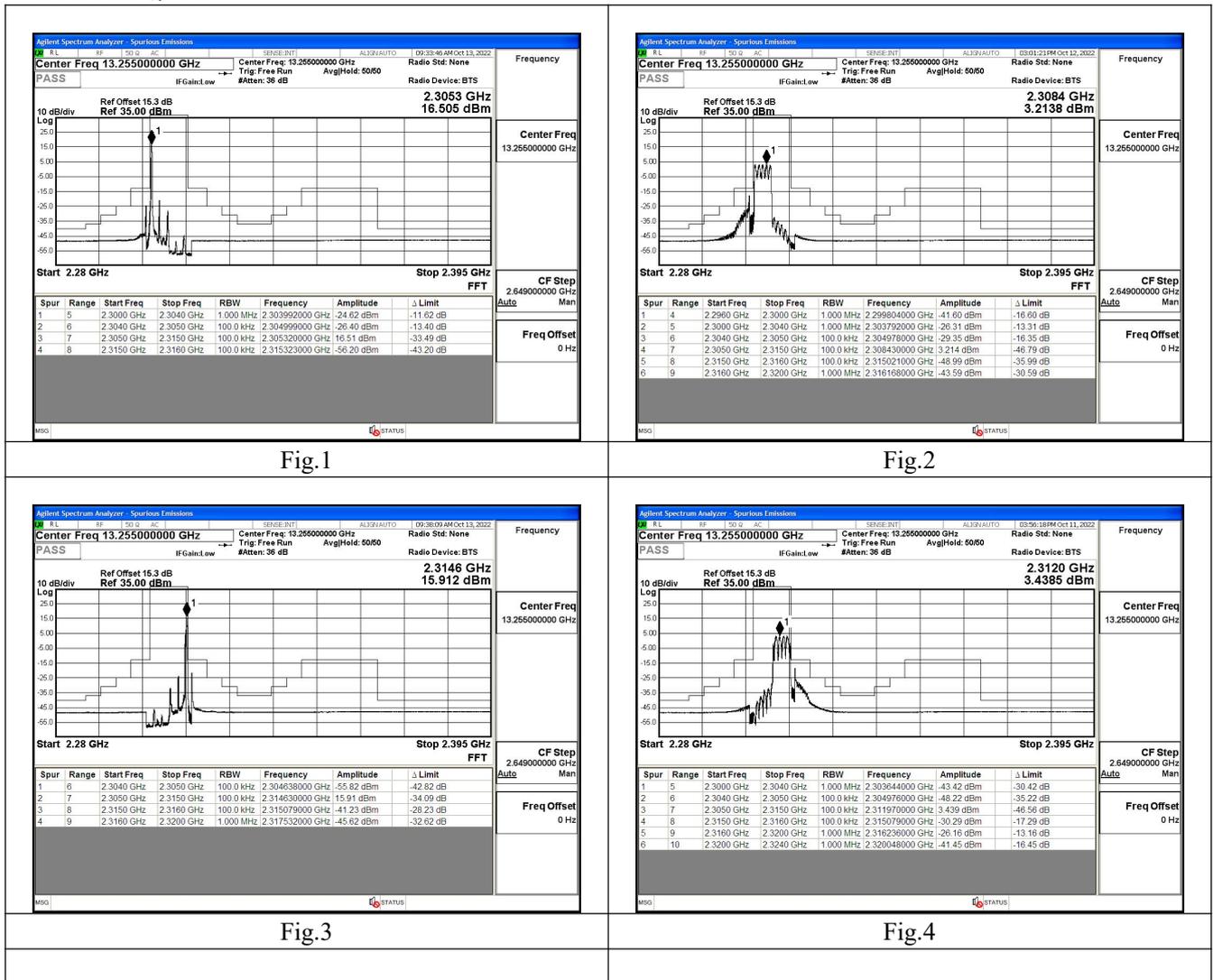


Fig.1

6 Band Edges Compliance

Band	Mode	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
40	QPSK	2307.5	38725	5	1	0	Fig.1
40	QPSK	2307.5	38725	5	25	0	Fig.2
40	QPSK	2312.5	38775	5	1	24	Fig.3
40	QPSK	2312.5	38775	5	25	0	Fig.4
40	QPSK	2310	38750	10	1	0	Fig.5
40	QPSK	2310	38750	10	50	0	Fig.6
40	QPSK	2310	38750	10	1	49	Fig.7

Test Mode: QPSK



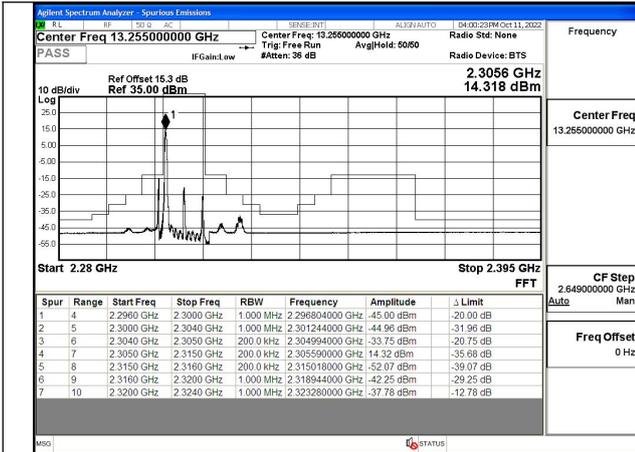


Fig.5

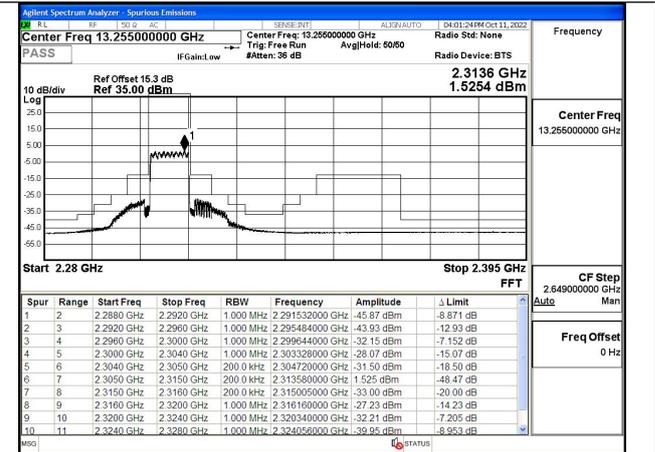


Fig.6



Fig.7

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 40(2305-2315) Low Channel QPSK	
		5M	10M
-10	NV	-0.004	-0.001
0	NV	0.001	0.000
+10	NV	-0.019	0.002
+20	NV	-0.001	-0.002
+30	NV	-0.004	0.005
+40	NV	-0.003	-0.007
+50	NV	-0.004	-0.008
+55	NV	-0.007	0.002
+20	LV	-0.002	-0.005
+20	HV	-0.006	-0.007

Temperature(°C)	Voltage	Test Result (ppm) Band 40(2305-2315) High Channel QPSK	
		5M	10M
-10	NV	-0.008	-0.010
0	NV	-0.009	-0.008
+10	NV	0.006	-0.005
+20	NV	-0.004	-0.013
+30	NV	-0.011	-0.005
+40	NV	-0.003	-0.012
+50	NV	-0.005	-0.013
+55	NV	0.003	-0.004
+20	LV	-0.010	-0.011
+20	HV	-0.015	-0.018

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2307.5	38725	5	1	0	23.62	22.12	0.163
QPSK	2307.5	38725	5	1	12	23.81	22.31	0.170
QPSK	2307.5	38725	5	1	24	23.86	22.36	0.172
QPSK	2307.5	38725	5	12	0	22.48	20.98	0.125
QPSK	2307.5	38725	5	12	7	22.44	20.94	0.124
QPSK	2307.5	38725	5	12	13	22.46	20.96	0.125
QPSK	2307.5	38725	5	25	0	22.47	20.97	0.125
QPSK	2310	38750	5	1	0	23.81	22.31	0.170
QPSK	2310	38750	5	1	12	23.89	22.39	0.173
QPSK	2310	38750	5	1	24	24.00	22.50	0.178
QPSK	2310	38750	5	12	0	22.41	20.91	0.123
QPSK	2310	38750	5	12	7	22.55	21.05	0.127
QPSK	2310	38750	5	12	13	22.37	20.87	0.122
QPSK	2310	38750	5	25	0	22.39	20.89	0.123
QPSK	2312.5	38775	5	1	0	23.64	22.14	0.164
QPSK	2312.5	38775	5	1	12	23.73	22.23	0.167
QPSK	2312.5	38775	5	1	24	23.72	22.22	0.167
QPSK	2312.5	38775	5	12	0	22.59	21.09	0.129
QPSK	2312.5	38775	5	12	7	22.57	21.07	0.128
QPSK	2312.5	38775	5	12	13	22.58	21.08	0.128
QPSK	2312.5	38775	5	25	0	22.60	21.10	0.129

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	2307.5	38725	5	1	0	22.19	20.69	0.117
16QAM	2307.5	38725	5	1	12	22.08	20.58	0.114
16QAM	2307.5	38725	5	1	24	22.19	20.69	0.117
16QAM	2307.5	38725	5	12	0	21.66	20.16	0.104
16QAM	2307.5	38725	5	12	7	21.59	20.09	0.102
16QAM	2307.5	38725	5	12	13	21.68	20.18	0.104
16QAM	2307.5	38725	5	25	0	21.68	20.18	0.104
16QAM	2310	38750	5	1	0	22.14	20.64	0.116
16QAM	2310	38750	5	1	12	22.16	20.66	0.116
16QAM	2310	38750	5	1	24	22.13	20.63	0.116
16QAM	2310	38750	5	12	0	21.61	20.11	0.103
16QAM	2310	38750	5	12	7	21.66	20.16	0.104
16QAM	2310	38750	5	12	13	21.60	20.10	0.102
16QAM	2310	38750	5	25	0	21.75	20.25	0.106
16QAM	2312.5	38775	5	1	0	22.37	20.87	0.122
16QAM	2312.5	38775	5	1	12	22.41	20.91	0.123
16QAM	2312.5	38775	5	1	24	22.32	20.82	0.121
16QAM	2312.5	38775	5	12	0	21.72	20.22	0.105
16QAM	2312.5	38775	5	12	7	21.74	20.24	0.106
16QAM	2312.5	38775	5	12	13	21.71	20.21	0.105
16QAM	2312.5	38775	5	25	0	21.85	20.35	0.108
64QAM	2307.5	38725	5	1	0	20.95	19.45	0.088
64QAM	2307.5	38725	5	1	12	20.95	19.45	0.088
64QAM	2307.5	38725	5	1	24	20.82	19.32	0.086
64QAM	2307.5	38725	5	12	0	20.31	18.81	0.076
64QAM	2307.5	38725	5	12	7	20.47	18.97	0.079
64QAM	2307.5	38725	5	12	13	20.30	18.80	0.076
64QAM	2307.5	38725	5	25	0	20.35	18.85	0.077
64QAM	2310	38750	5	1	0	20.90	19.40	0.087
64QAM	2310	38750	5	1	12	20.90	19.40	0.087
64QAM	2310	38750	5	1	24	20.95	19.45	0.088
64QAM	2310	38750	5	12	0	20.40	18.90	0.078
64QAM	2310	38750	5	12	7	20.41	18.91	0.078
64QAM	2310	38750	5	12	13	20.24	18.74	0.075
64QAM	2310	38750	5	25	0	20.43	18.93	0.078
64QAM	2312.5	38775	5	1	0	21.08	19.58	0.091
64QAM	2312.5	38775	5	1	12	21.62	20.12	0.103
64QAM	2312.5	38775	5	1	24	20.72	19.22	0.084
64QAM	2312.5	38775	5	12	0	20.37	18.87	0.077
64QAM	2312.5	38775	5	12	7	20.41	18.91	0.078
64QAM	2312.5	38775	5	12	13	20.37	18.87	0.077
64QAM	2312.5	38775	5	25	0	20.58	19.08	0.081

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2310	38750	10	1	0	23.94	22.44	0.175
QPSK	2310	38750	10	1	25	24.00	22.50	0.178
QPSK	2310	38750	10	1	49	23.94	22.44	0.175
QPSK	2310	38750	10	25	0	22.48	20.98	0.125
QPSK	2310	38750	10	25	12	22.39	20.89	0.123
QPSK	2310	38750	10	25	25	22.51	21.01	0.126
QPSK	2310	38750	10	50	0	22.35	20.85	0.122

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	2310	38750	10	1	0	22.27	20.77	0.119
16QAM	2310	38750	10	1	25	22.23	20.73	0.118
16QAM	2310	38750	10	1	49	22.16	20.66	0.116
16QAM	2310	38750	10	25	0	21.68	20.18	0.104
16QAM	2310	38750	10	25	12	21.67	20.17	0.104
16QAM	2310	38750	10	25	25	21.85	20.35	0.108
16QAM	2310	38750	10	50	0	21.73	20.23	0.105
64QAM	2310	38750	10	1	0	20.95	19.45	0.088
64QAM	2310	38750	10	1	25	20.82	19.32	0.086
64QAM	2310	38750	10	1	49	20.90	19.40	0.087
64QAM	2310	38750	10	25	0	20.46	18.96	0.079
64QAM	2310	38750	10	25	12	20.46	18.96	0.079
64QAM	2310	38750	10	25	25	20.55	19.05	0.080
64QAM	2310	38750	10	50	0	20.22	18.72	0.074

LTE Band 40(2350-2360)
1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2352.5	39175	5	1	0	22.75
QPSK	2352.5	39175	5	1	12	23.69
QPSK	2352.5	39175	5	1	24	23.61
QPSK	2352.5	39175	5	12	0	22.56
QPSK	2352.5	39175	5	12	7	22.59
QPSK	2352.5	39175	5	12	13	22.61
QPSK	2352.5	39175	5	25	0	22.58
QPSK	2355	39200	5	1	0	23.56
QPSK	2355	39200	5	1	12	24.05
QPSK	2355	39200	5	1	24	24.10
QPSK	2355	39200	5	12	0	22.63
QPSK	2355	39200	5	12	7	22.57
QPSK	2355	39200	5	12	13	22.49
QPSK	2355	39200	5	25	0	22.52
QPSK	2357.5	39225	5	1	0	23.76
QPSK	2357.5	39225	5	1	12	23.83
QPSK	2357.5	39225	5	1	24	23.74
QPSK	2357.5	39225	5	12	0	22.62
QPSK	2357.5	39225	5	12	7	22.64
QPSK	2357.5	39225	5	12	13	22.66
QPSK	2357.5	39225	5	25	0	22.68

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2352.5	39175	5	1	0	22.37
16QAM	2352.5	39175	5	1	12	22.39
16QAM	2352.5	39175	5	1	24	22.47
16QAM	2352.5	39175	5	12	0	21.84
16QAM	2352.5	39175	5	12	7	21.82
16QAM	2352.5	39175	5	12	13	21.84
16QAM	2352.5	39175	5	25	0	22.10
16QAM	2355	39200	5	1	0	22.30
16QAM	2355	39200	5	1	12	22.25
16QAM	2355	39200	5	1	24	22.31
16QAM	2355	39200	5	12	0	21.86
16QAM	2355	39200	5	12	7	21.75
16QAM	2355	39200	5	12	13	21.85
16QAM	2355	39200	5	25	0	21.88
16QAM	2357.5	39225	5	1	0	22.54
16QAM	2357.5	39225	5	1	12	22.52
16QAM	2357.5	39225	5	1	24	22.54
16QAM	2357.5	39225	5	12	0	21.83
16QAM	2357.5	39225	5	12	7	21.84
16QAM	2357.5	39225	5	12	13	21.83
16QAM	2357.5	39225	5	25	0	22.02
64QAM	2352.5	39175	5	1	0	20.96
64QAM	2352.5	39175	5	1	12	21.73
64QAM	2352.5	39175	5	1	24	21.05
64QAM	2352.5	39175	5	12	0	20.50
64QAM	2352.5	39175	5	12	7	20.48
64QAM	2352.5	39175	5	12	13	20.33
64QAM	2352.5	39175	5	25	0	20.70
64QAM	2355	39200	5	1	0	21.11
64QAM	2355	39200	5	1	12	21.04
64QAM	2355	39200	5	1	24	21.12
64QAM	2355	39200	5	12	0	20.51
64QAM	2355	39200	5	12	7	20.41
64QAM	2355	39200	5	12	13	20.51
64QAM	2355	39200	5	25	0	20.54
64QAM	2357.5	39225	5	1	0	21.26
64QAM	2357.5	39225	5	1	12	21.82
64QAM	2357.5	39225	5	1	24	21.11
64QAM	2357.5	39225	5	12	0	20.47
64QAM	2357.5	39225	5	12	7	20.50
64QAM	2357.5	39225	5	12	13	20.49
64QAM	2357.5	39225	5	25	0	20.69

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2355	39200	10	1	0	23.77
QPSK	2355	39200	10	1	25	23.90
QPSK	2355	39200	10	1	49	23.84
QPSK	2355	39200	10	25	0	22.64
QPSK	2355	39200	10	25	12	22.76
QPSK	2355	39200	10	25	25	22.76
QPSK	2355	39200	10	50	0	22.62

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2355	39200	10	1	0	22.44
16QAM	2355	39200	10	1	25	22.54
16QAM	2355	39200	10	1	49	22.45
16QAM	2355	39200	10	25	0	22.12
16QAM	2355	39200	10	25	12	22.11
16QAM	2355	39200	10	25	25	22.09
16QAM	2355	39200	10	50	0	21.82
64QAM	2355	39200	10	1	0	20.96
64QAM	2355	39200	10	1	25	21.69
64QAM	2355	39200	10	1	49	21.57
64QAM	2355	39200	10	25	0	20.66
64QAM	2355	39200	10	25	12	20.60
64QAM	2355	39200	10	25	25	20.58
64QAM	2355	39200	10	50	0	20.38

2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
40	QPSK	2352.5	39175	5	25	0	4.477	Fig.1
40	QPSK	2355	39200	5	25	0	4.458	Fig.2
40	QPSK	2357.5	39225	5	25	0	4.438	Fig.3
40	QPSK	2355	39200	10	50	0	8.897	Fig.4

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
40	16QAM	2352.5	39175	5	25	0	4.443	Fig.7
40	16QAM	2355	39200	5	25	0	4.466	Fig.8
40	16QAM	2357.5	39225	5	25	0	4.407	Fig.9
40	16QAM	2355	39200	10	50	0	8.902	Fig.10

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
40	64QAM	2352.5	39175	5	25	0	4.446	Fig.13
40	64QAM	2355	39200	5	25	0	4.497	Fig.14
40	64QAM	2357.5	39225	5	25	0	4.487	Fig.15
40	64QAM	2355	39200	10	50	0	8.899	Fig.16