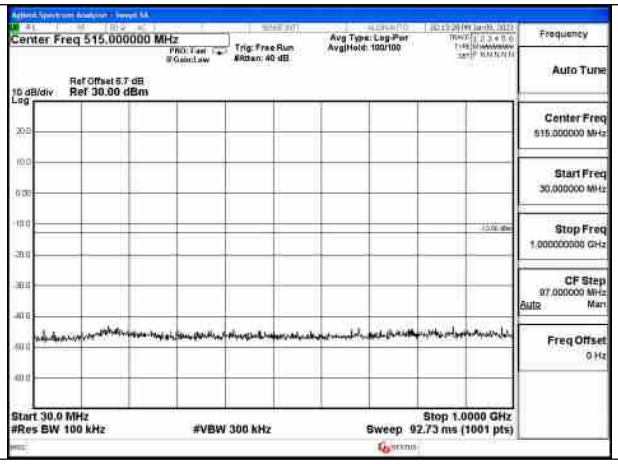


Fig.127

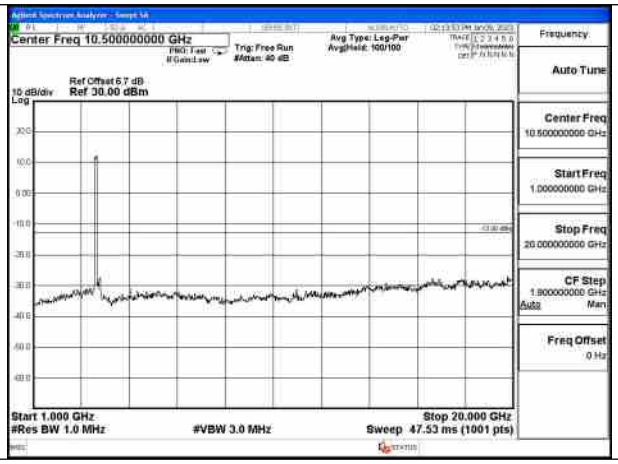
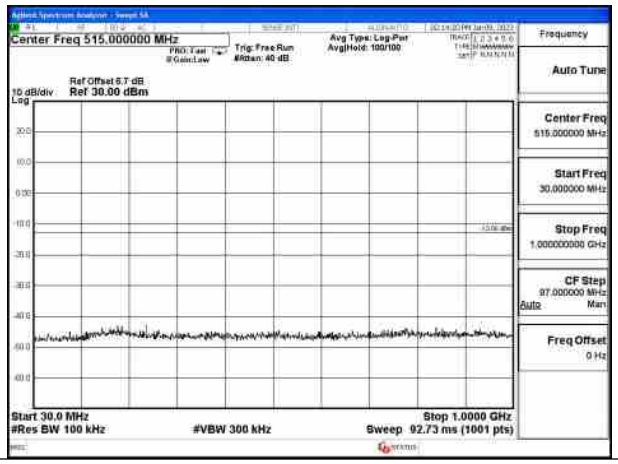


Fig.128



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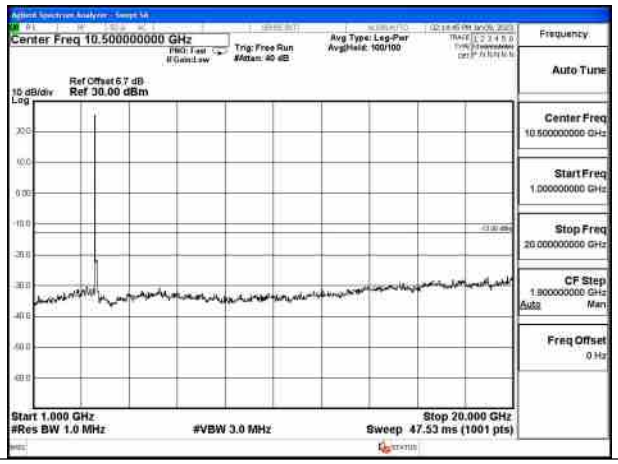

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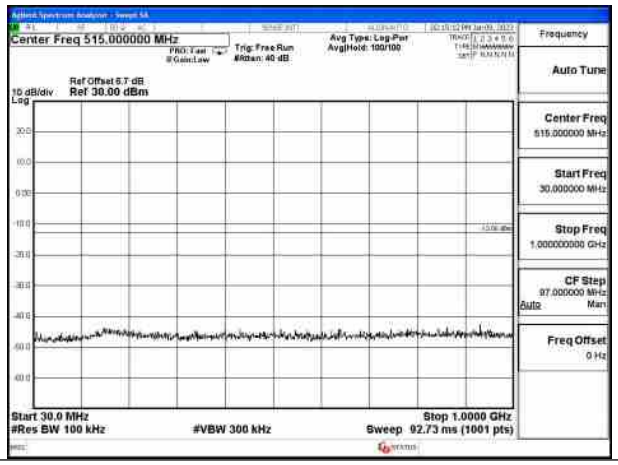

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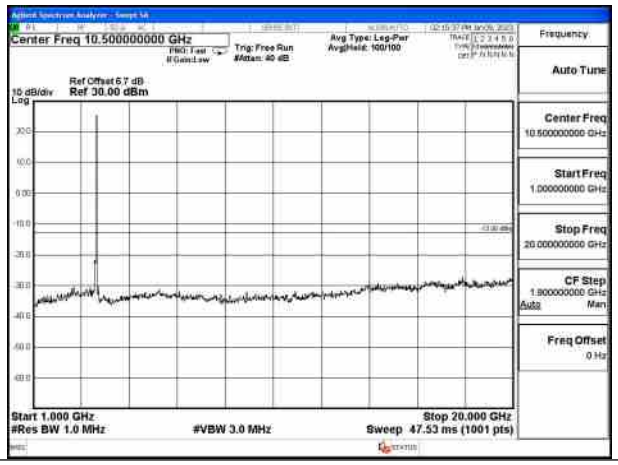

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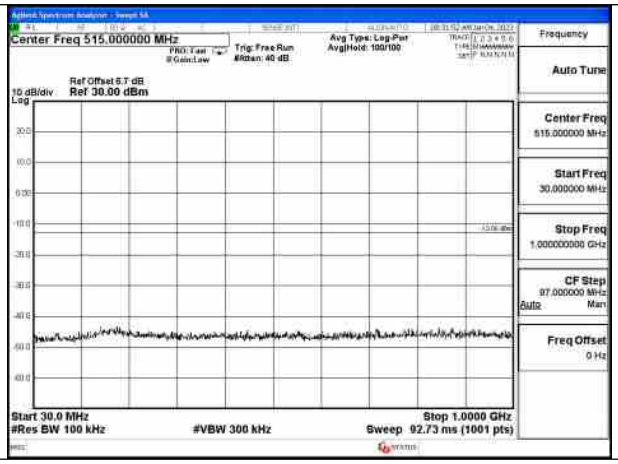


Fig.133

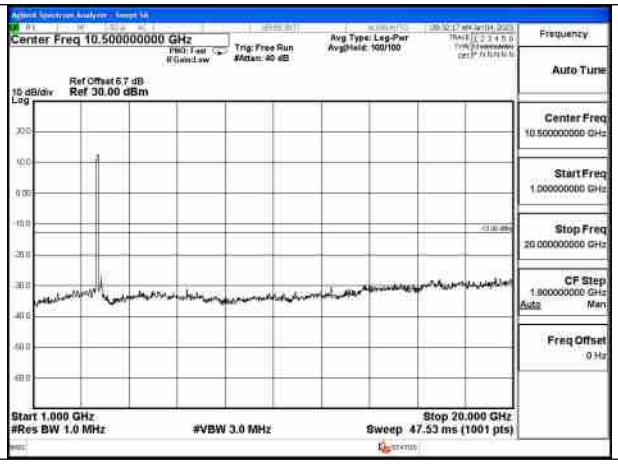


Fig.134

Fig.135

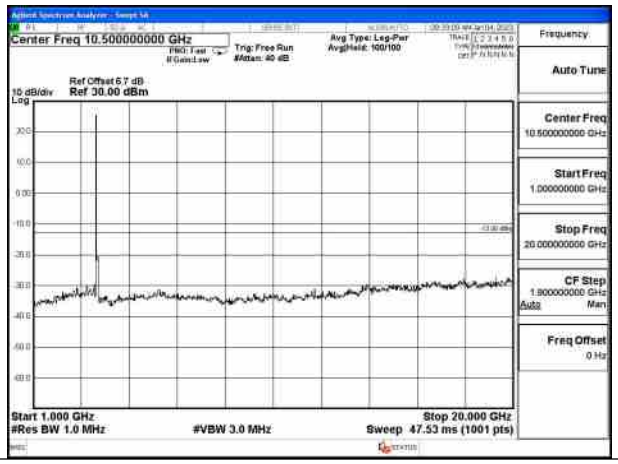


Fig.136

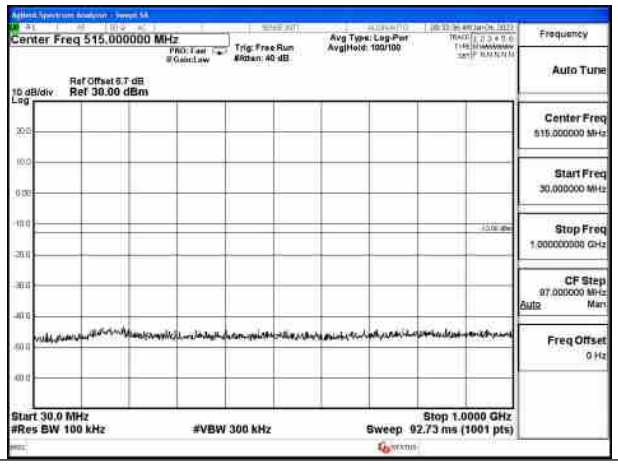


Fig.137

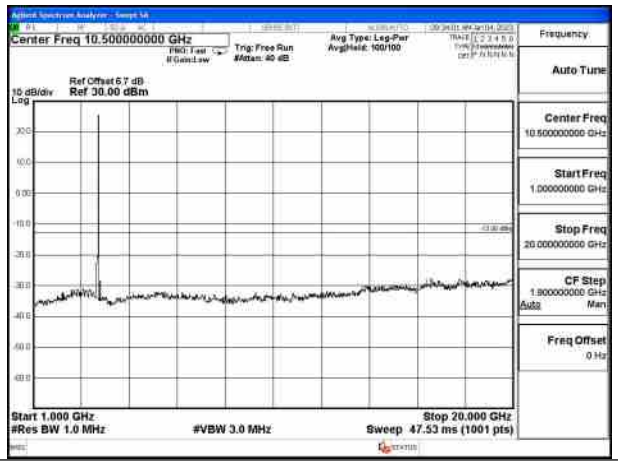


Fig.138

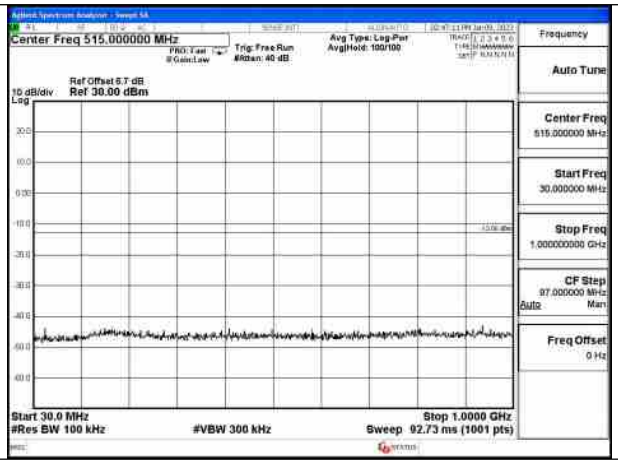
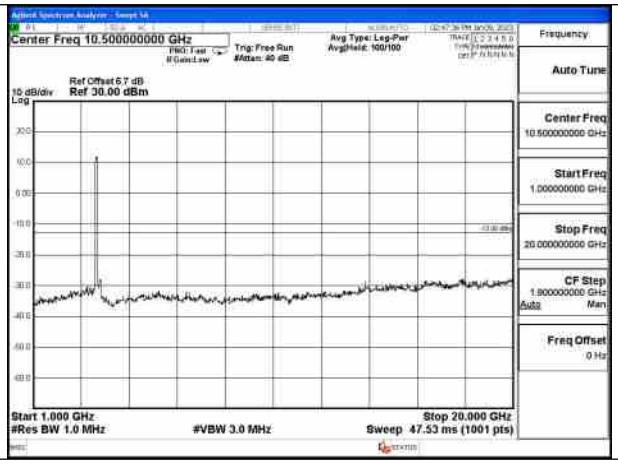


Fig.139



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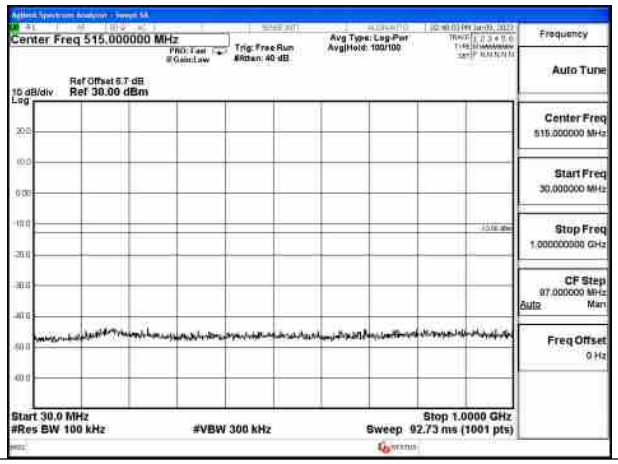

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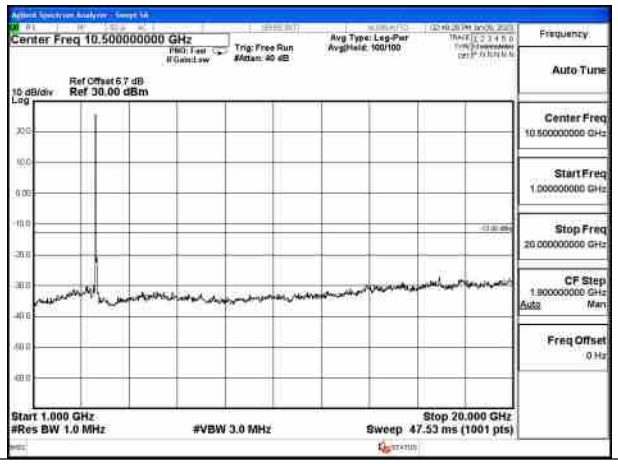

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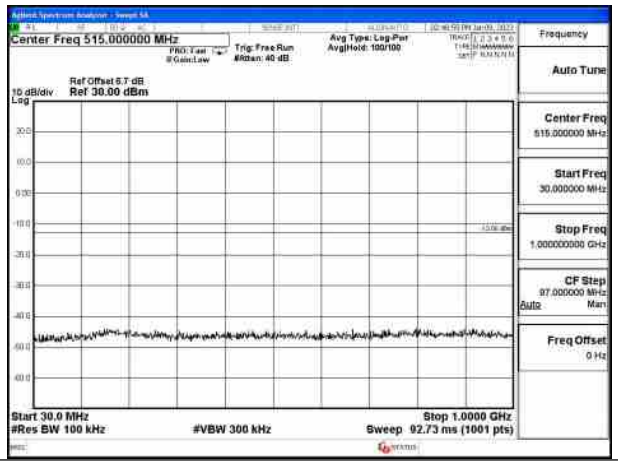


Fig.143

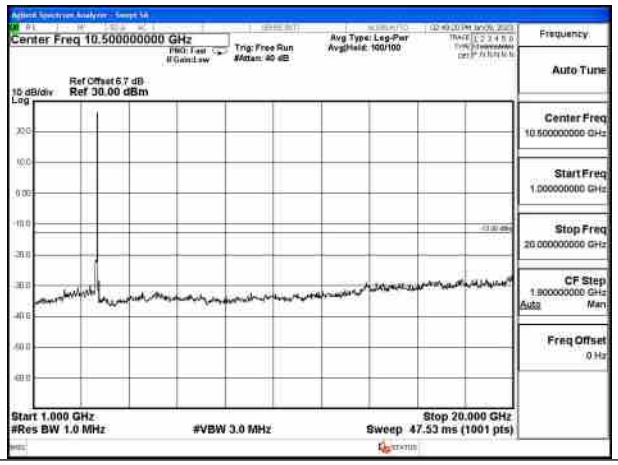


Fig.144

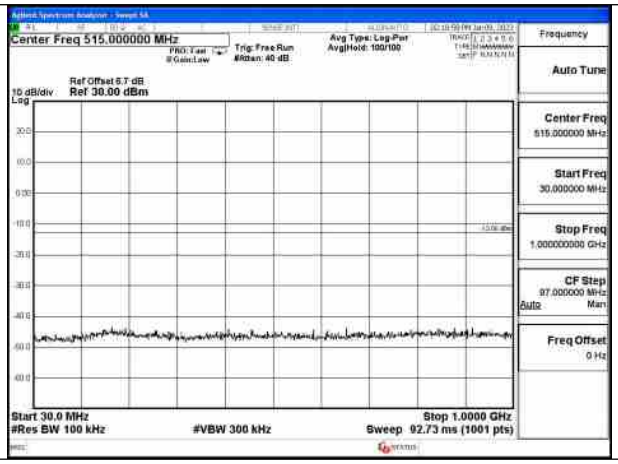


Fig.145

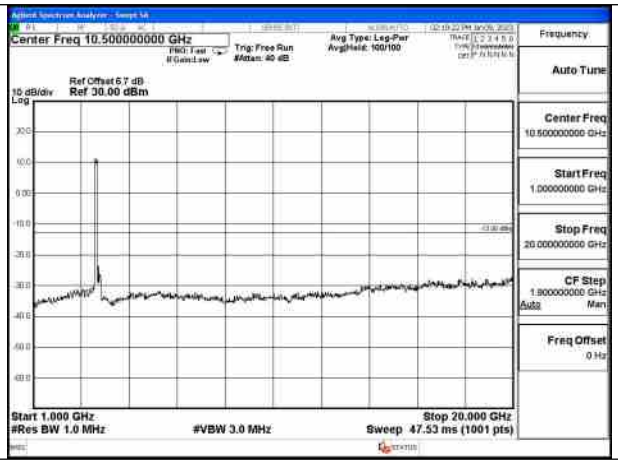


Fig.146

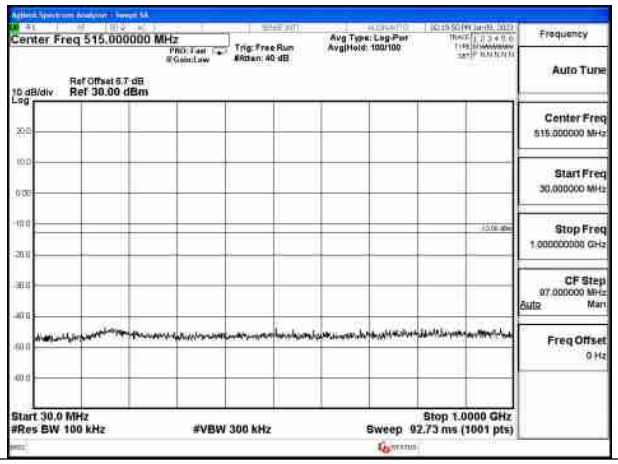
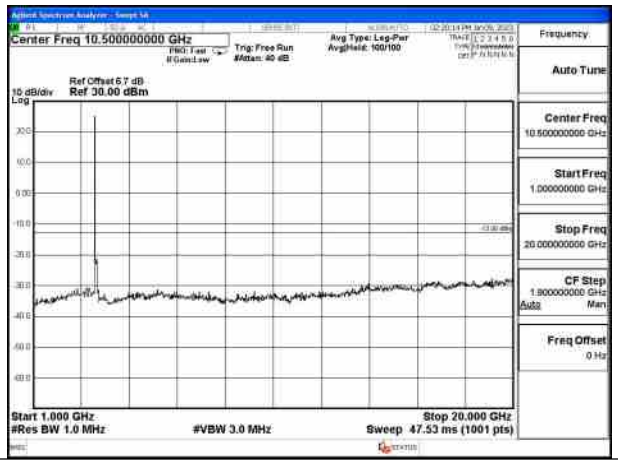


Fig.147



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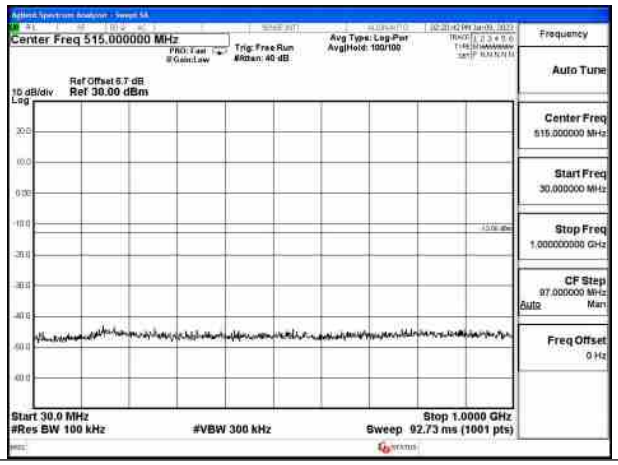

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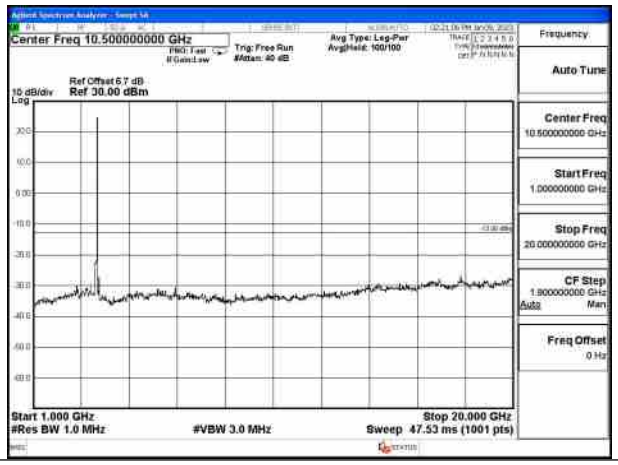

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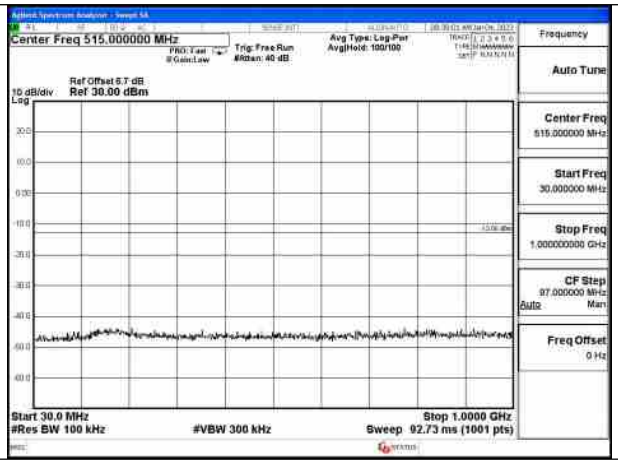


Fig.151

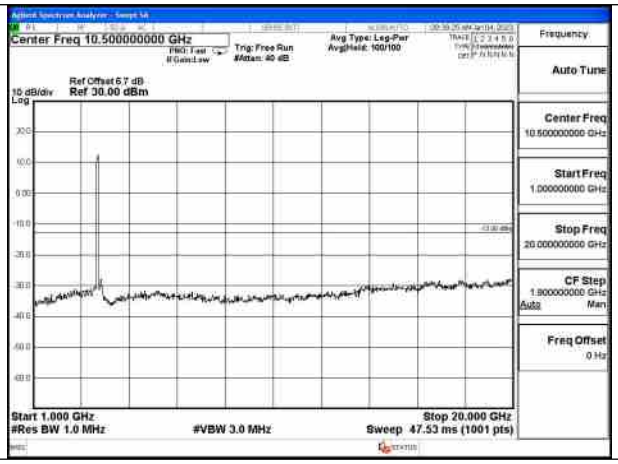
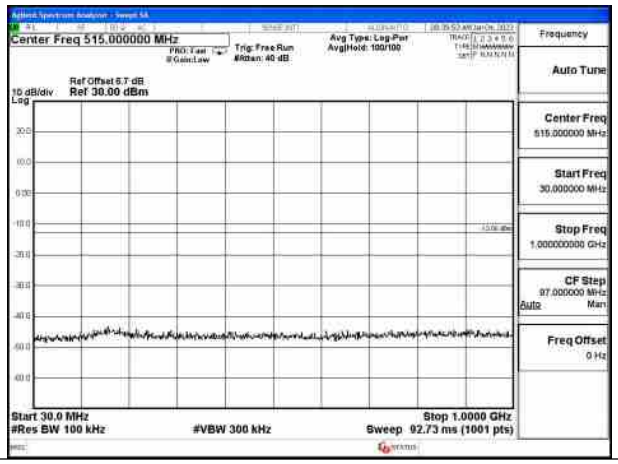


Fig.152



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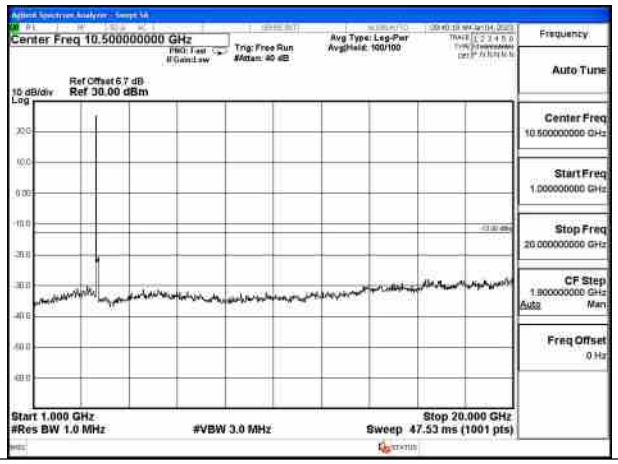


Fig.154

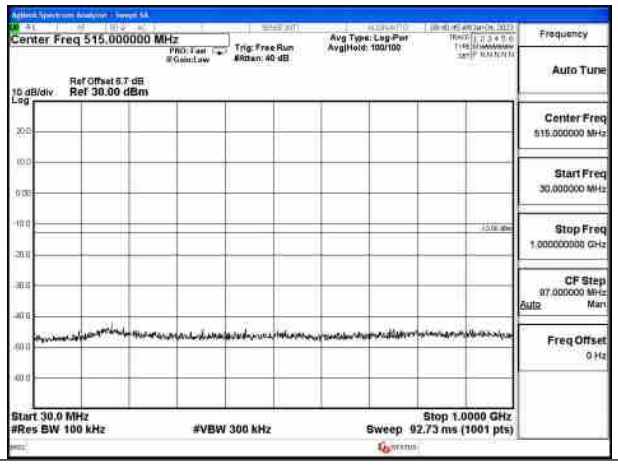
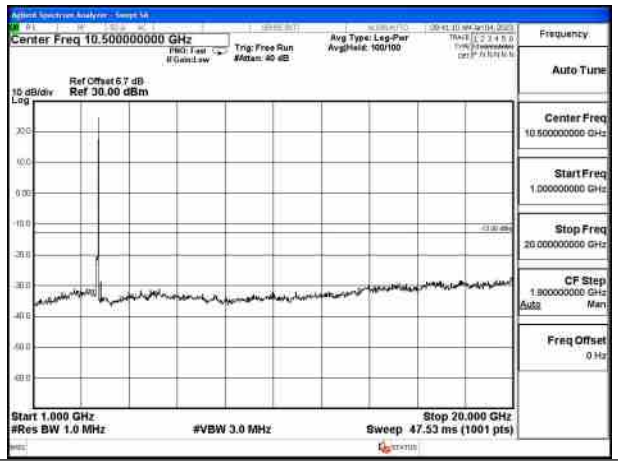


Fig.155



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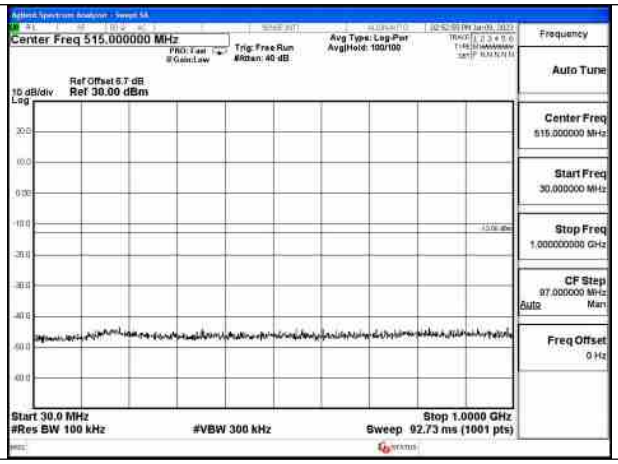

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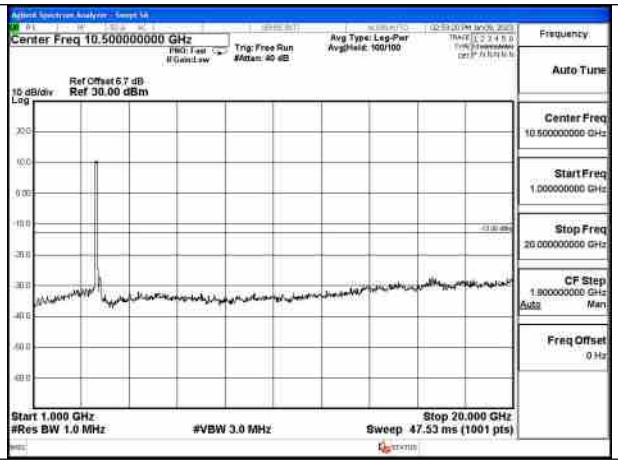

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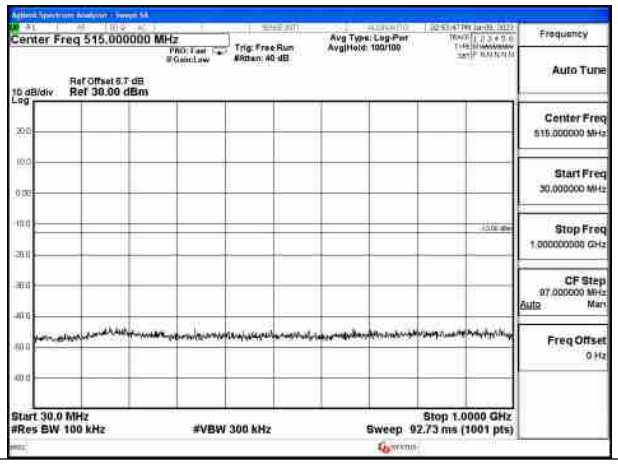

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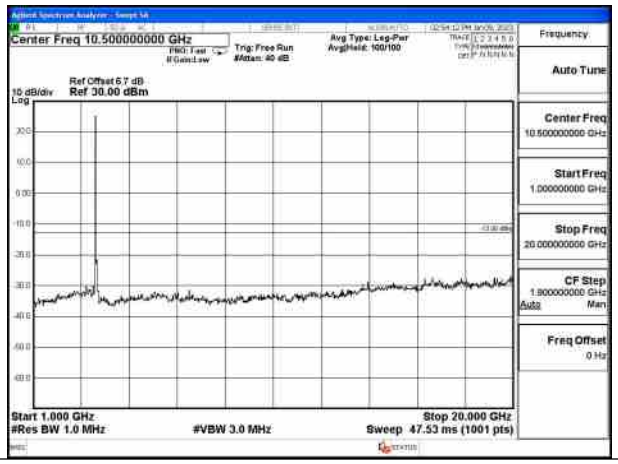

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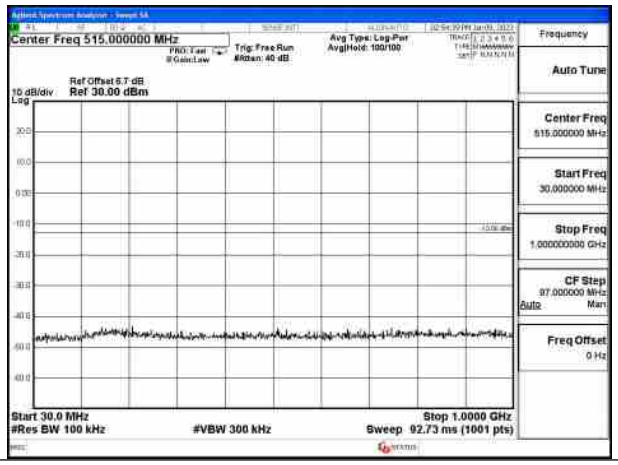

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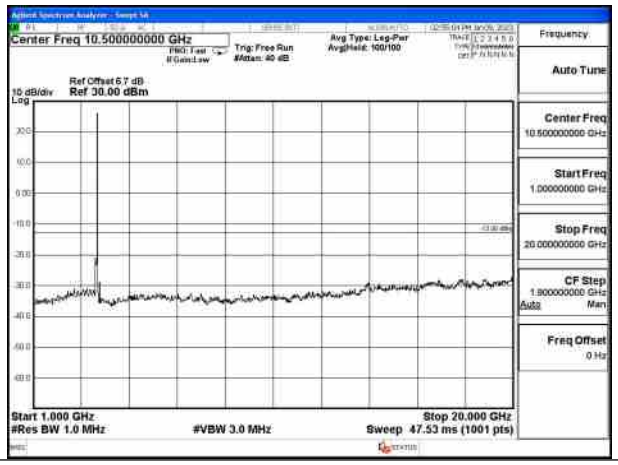

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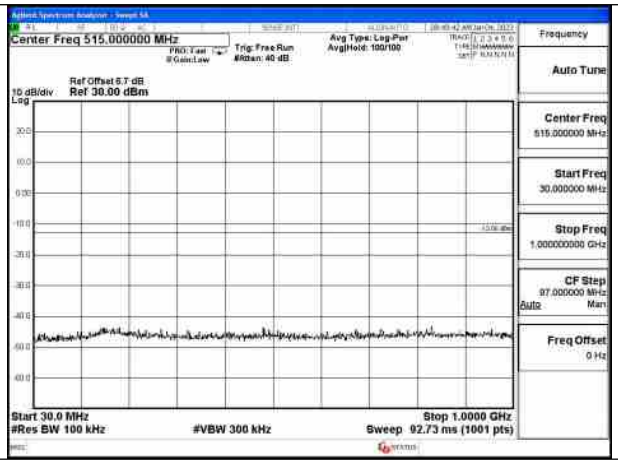

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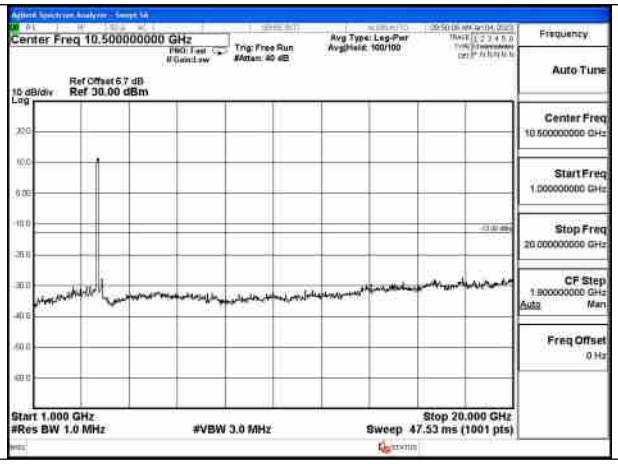

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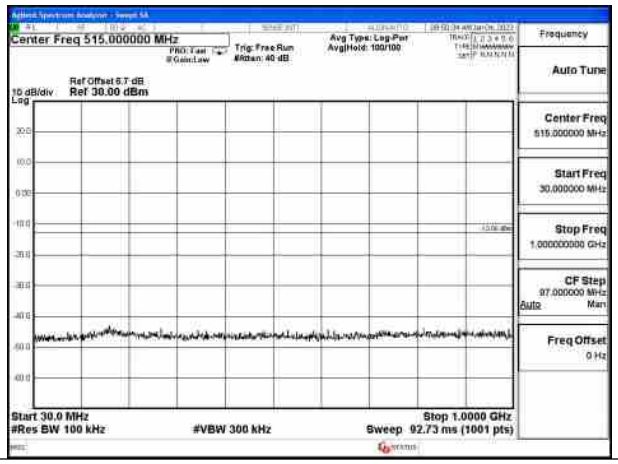

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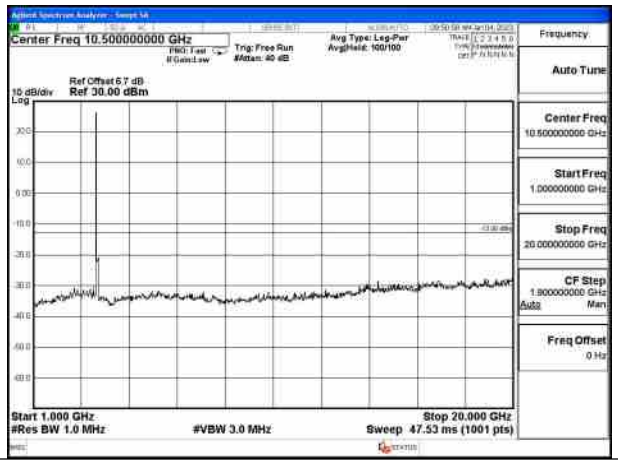

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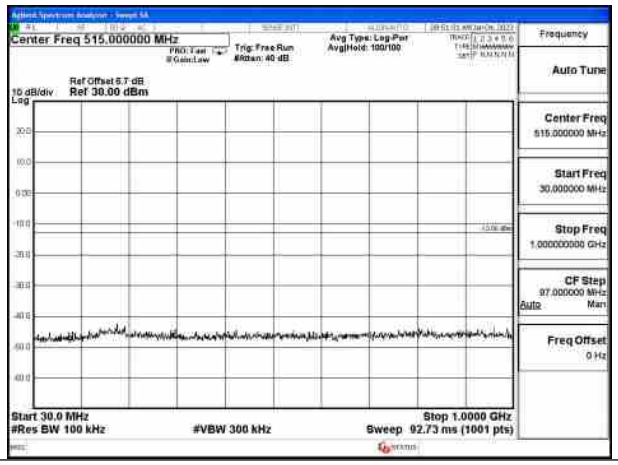

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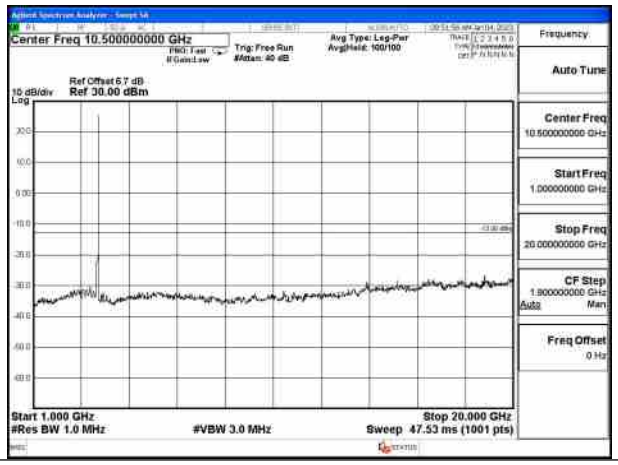


Fig.168

6 Band Edges Compliance

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Band Edges Plot
DFT-s-OFDM PI/2 BPSK	3455.01	630334	10	12	6	Fig.1
DFT-s-OFDM PI/2 BPSK	3455.01	630334	10	1	1	Fig.2
DFT-s-OFDM QPSK	3455.01	630334	10	12	6	Fig.3
DFT-s-OFDM QPSK	3455.01	630334	10	1	1	Fig.4
DFT-s-OFDM PI/2 BPSK	3544.98	636332	10	12	6	Fig.5
DFT-s-OFDM PI/2 BPSK	3544.98	636332	10	1	22	Fig.6
DFT-s-OFDM QPSK	3544.98	636332	10	12	6	Fig.7
DFT-s-OFDM QPSK	3544.98	636332	10	1	22	Fig.8
DFT-s-OFDM PI/2 BPSK	3457.5	630500	15	18	9	Fig.9
DFT-s-OFDM PI/2 BPSK	3457.5	630500	15	1	1	Fig.10
DFT-s-OFDM QPSK	3457.5	630500	15	18	9	Fig.11
DFT-s-OFDM QPSK	3457.5	630500	15	1	1	Fig.12
DFT-s-OFDM PI/2 BPSK	3542.49	636166	15	18	9	Fig.13
DFT-s-OFDM PI/2 BPSK	3542.49	636166	15	1	36	Fig.14
DFT-s-OFDM QPSK	3542.49	636166	15	18	9	Fig.15
DFT-s-OFDM QPSK	3542.49	636166	15	1	36	Fig.16
DFT-s-OFDM PI/2 BPSK	3460.02	630668	20	25	12	Fig.17
DFT-s-OFDM PI/2 BPSK	3460.02	630668	20	1	1	Fig.18
DFT-s-OFDM QPSK	3460.02	630668	20	25	12	Fig.19
DFT-s-OFDM QPSK	3460.02	630668	20	1	1	Fig.20
DFT-s-OFDM PI/2 BPSK	3540	636000	20	25	12	Fig.21
DFT-s-OFDM PI/2 BPSK	3540	636000	20	1	49	Fig.22
DFT-s-OFDM QPSK	3540	636000	20	25	12	Fig.23
DFT-s-OFDM QPSK	3540	636000	20	1	49	Fig.24
DFT-s-OFDM PI/2 BPSK	3465	631000	30	36	18	Fig.25
DFT-s-OFDM PI/2 BPSK	3465	631000	30	1	1	Fig.26
DFT-s-OFDM QPSK	3465	631000	30	36	18	Fig.27
DFT-s-OFDM QPSK	3465	631000	30	1	1	Fig.28
DFT-s-OFDM PI/2 BPSK	3534.99	635666	30	36	18	Fig.29
DFT-s-OFDM PI/2 BPSK	3534.99	635666	30	1	76	Fig.30
DFT-s-OFDM QPSK	3534.99	635666	30	36	18	Fig.31
DFT-s-OFDM QPSK	3534.99	635666	30	1	76	Fig.32
DFT-s-OFDM PI/2 BPSK	3470.01	631334	40	50	25	Fig.33
DFT-s-OFDM PI/2 BPSK	3470.01	631334	40	1	1	Fig.34
DFT-s-OFDM QPSK	3470.01	631334	40	50	25	Fig.35
DFT-s-OFDM QPSK	3470.01	631334	40	1	1	Fig.36
DFT-s-OFDM PI/2 BPSK	3529.98	635332	40	50	25	Fig.37
DFT-s-OFDM PI/2 BPSK	3529.98	635332	40	1	104	Fig.38
DFT-s-OFDM QPSK	3529.98	635332	40	50	25	Fig.39
DFT-s-OFDM QPSK	3529.98	635332	40	1	104	Fig.40
DFT-s-OFDM PI/2 BPSK	3475.02	631668	50	64	32	Fig.41
DFT-s-OFDM PI/2 BPSK	3475.02	631668	50	1	1	Fig.42
DFT-s-OFDM QPSK	3475.02	631668	50	64	32	Fig.43

DFT-s-OFDM QPSK	3475.02	631668	50	1	1	Fig.44
DFT-s-OFDM PI/2 BPSK	3525	635000	50	64	32	Fig.45
DFT-s-OFDM PI/2 BPSK	3525	635000	50	1	131	Fig.46
DFT-s-OFDM QPSK	3525	635000	50	64	32	Fig.47
DFT-s-OFDM QPSK	3525	635000	50	1	131	Fig.48
DFT-s-OFDM PI/2 BPSK	3480	632000	60	81	40	Fig.49
DFT-s-OFDM PI/2 BPSK	3480	632000	60	1	1	Fig.50
DFT-s-OFDM QPSK	3480	632000	60	81	40	Fig.51
DFT-s-OFDM QPSK	3480	632000	60	1	1	Fig.52
DFT-s-OFDM PI/2 BPSK	3519.99	634666	60	81	40	Fig.53
DFT-s-OFDM PI/2 BPSK	3519.99	634666	60	1	160	Fig.54
DFT-s-OFDM QPSK	3519.99	634666	60	81	40	Fig.55
DFT-s-OFDM QPSK	3519.99	634666	60	1	160	Fig.56
DFT-s-OFDM PI/2 BPSK	3490.02	632668	80	108	54	Fig.57
DFT-s-OFDM PI/2 BPSK	3490.02	632668	80	1	1	Fig.58
DFT-s-OFDM QPSK	3490.02	632668	80	108	54	Fig.59
DFT-s-OFDM QPSK	3490.02	632668	80	1	1	Fig.60
DFT-s-OFDM PI/2 BPSK	3510	634000	80	108	54	Fig.61
DFT-s-OFDM PI/2 BPSK	3510	634000	80	1	215	Fig.62
DFT-s-OFDM QPSK	3510	634000	80	108	54	Fig.63
DFT-s-OFDM QPSK	3510	634000	80	1	215	Fig.64
DFT-s-OFDM PI/2 BPSK	3495	633000	90	120	60	Fig.65
DFT-s-OFDM PI/2 BPSK	3495	633000	90	1	1	Fig.66
DFT-s-OFDM QPSK	3495	633000	90	120	60	Fig.67
DFT-s-OFDM QPSK	3495	633000	90	1	1	Fig.68
DFT-s-OFDM PI/2 BPSK	3504.99	633666	90	120	60	Fig.69
DFT-s-OFDM PI/2 BPSK	3504.99	633666	90	1	243	Fig.70
DFT-s-OFDM QPSK	3504.99	633666	90	120	60	Fig.71
DFT-s-OFDM QPSK	3504.99	633666	90	1	243	Fig.72
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	135	67	Fig.73
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	1	Fig.74
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	135	67	Fig.75
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	271	Fig.76
DFT-s-OFDM QPSK	3500.01	633334	100	135	67	Fig.77
DFT-s-OFDM QPSK	3500.01	633334	100	1	1	Fig.78
DFT-s-OFDM QPSK	3500.01	633334	100	135	67	Fig.79
DFT-s-OFDM QPSK	3500.01	633334	100	1	271	Fig.80

Test Plot:

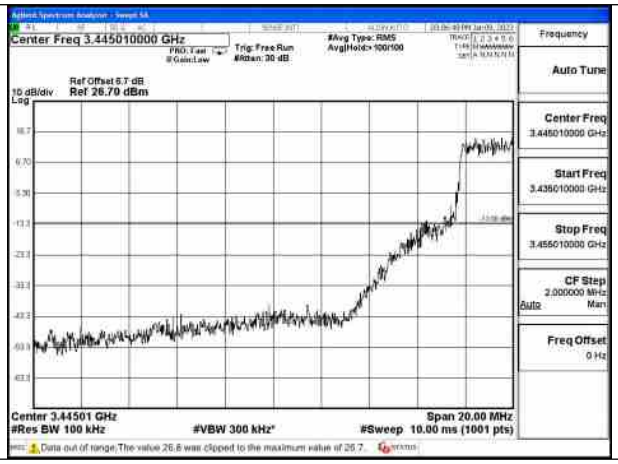


Fig.1

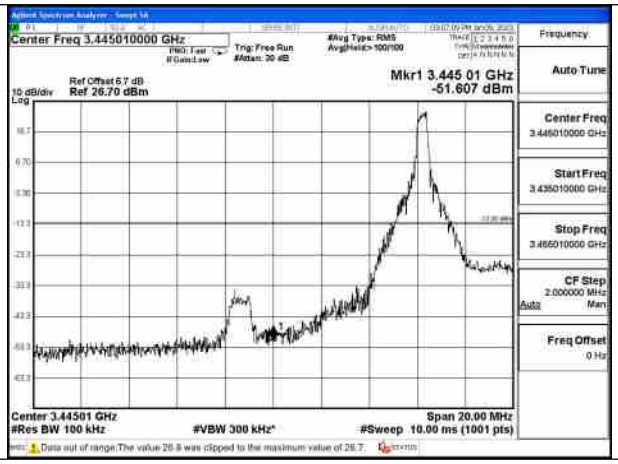


Fig.2

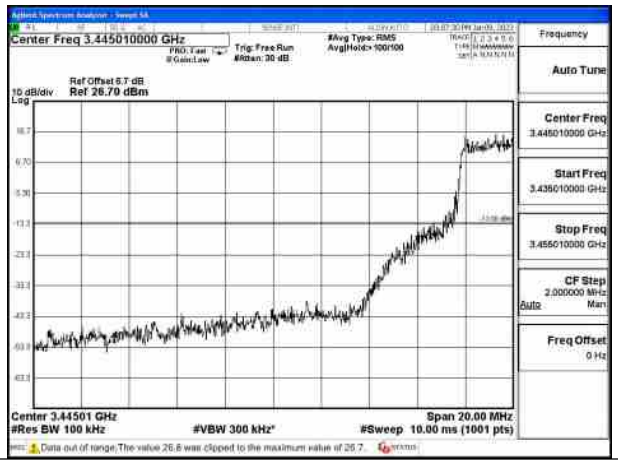


Fig.3

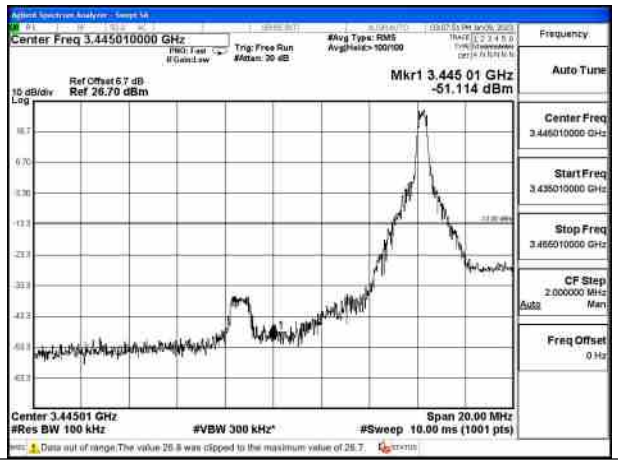


Fig.4

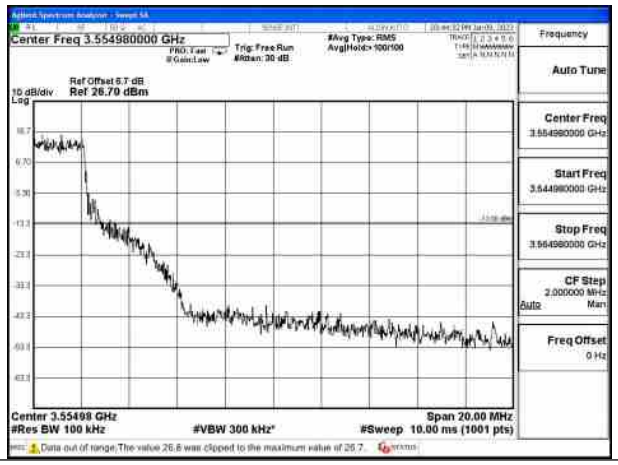
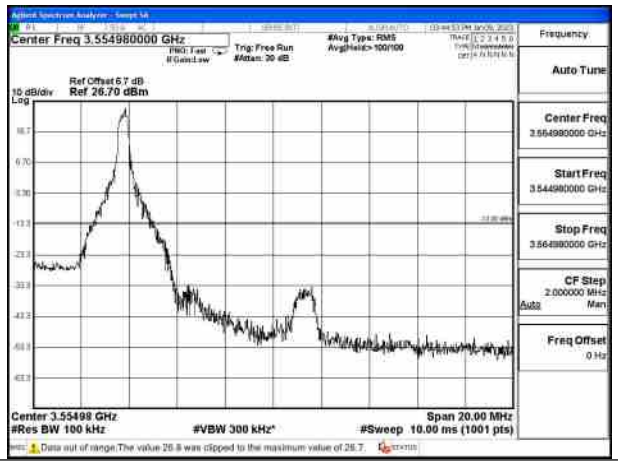


Fig.5



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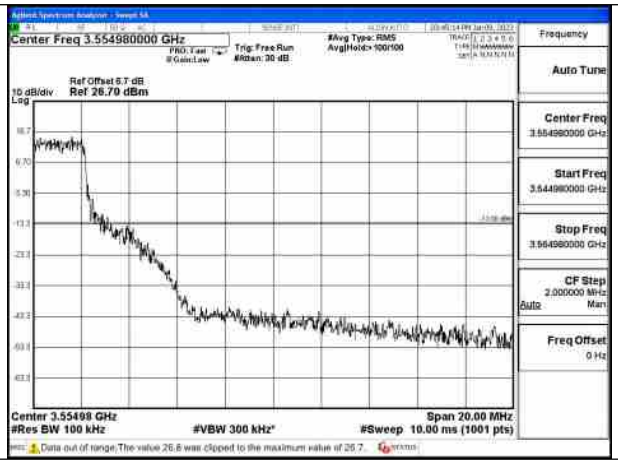

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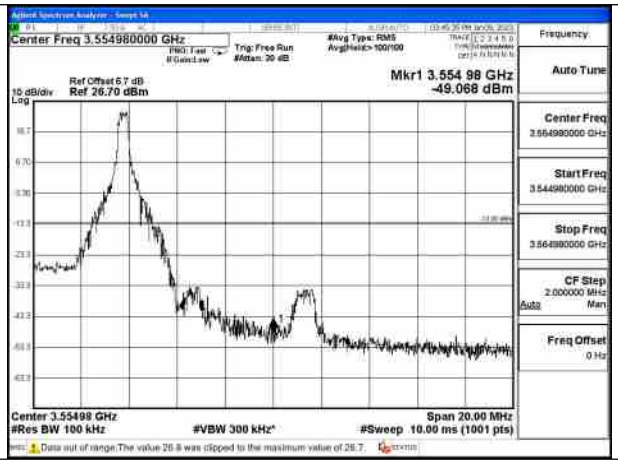

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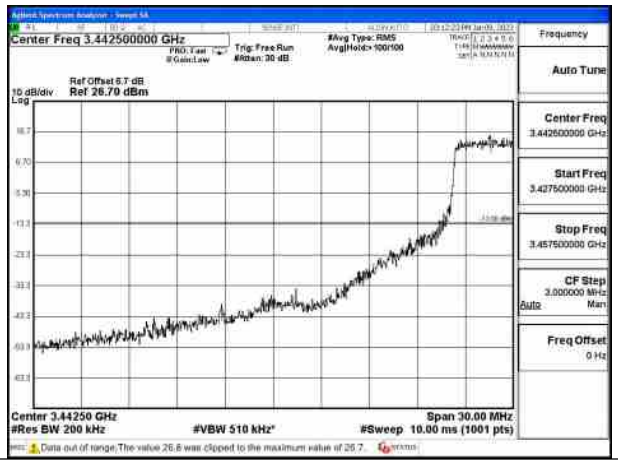


Fig.9

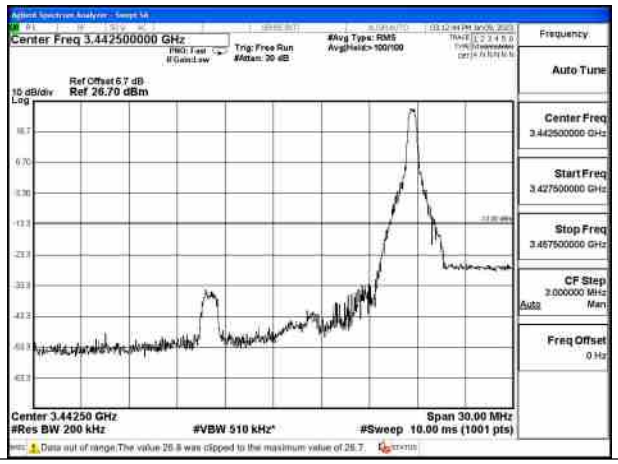
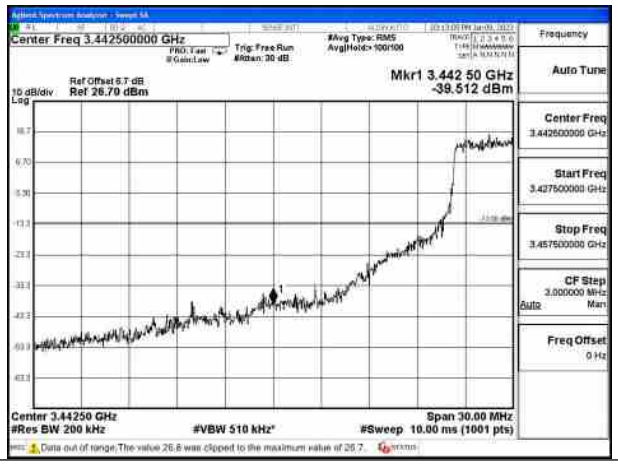


Fig.10



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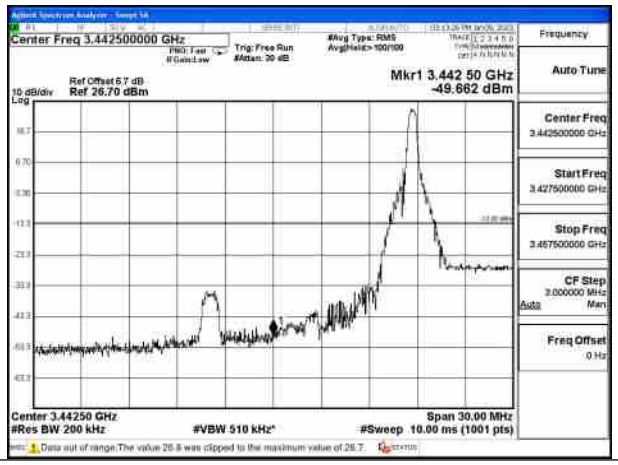

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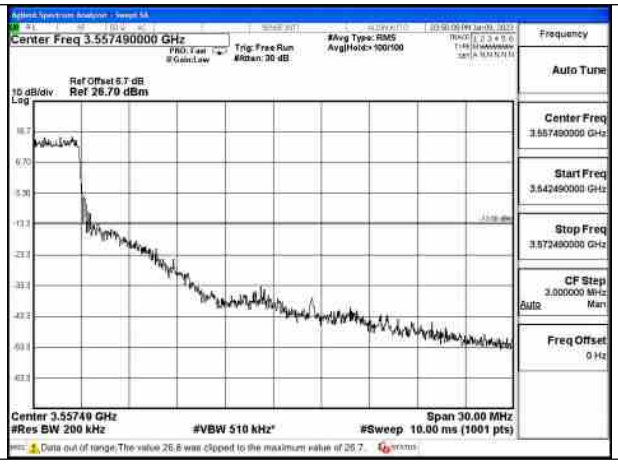

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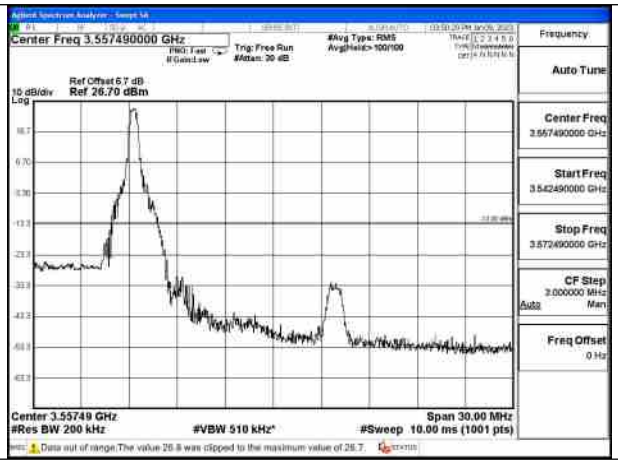

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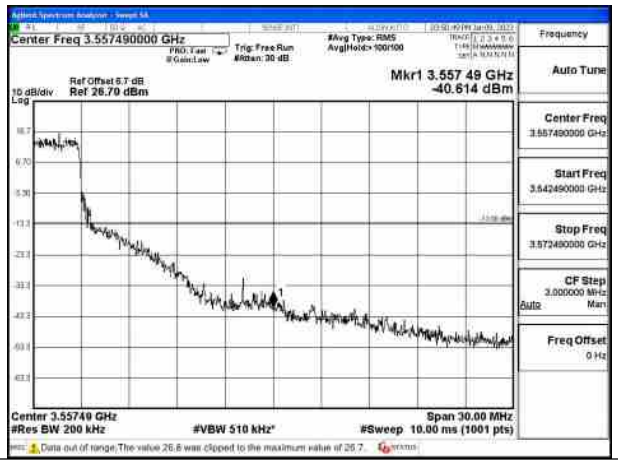
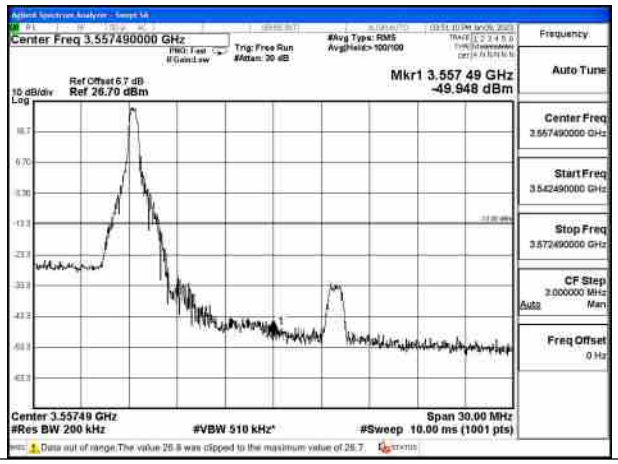


Fig.15



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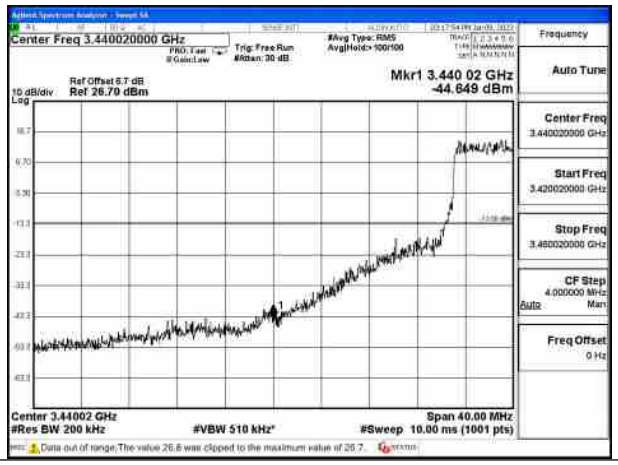
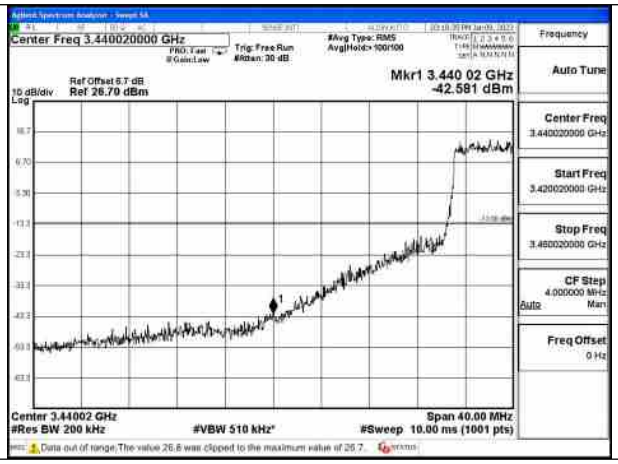


Fig.17

Fig.18



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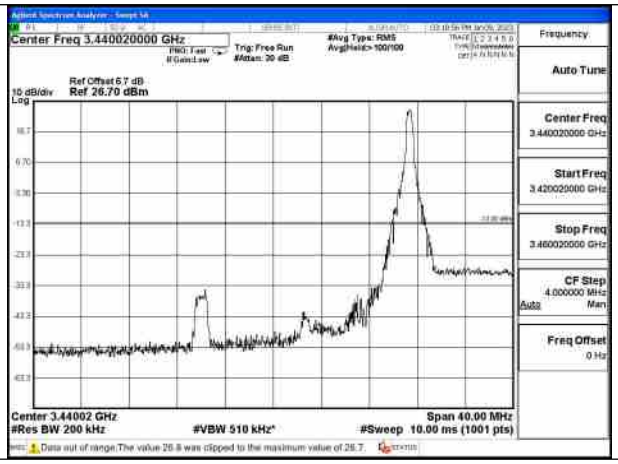

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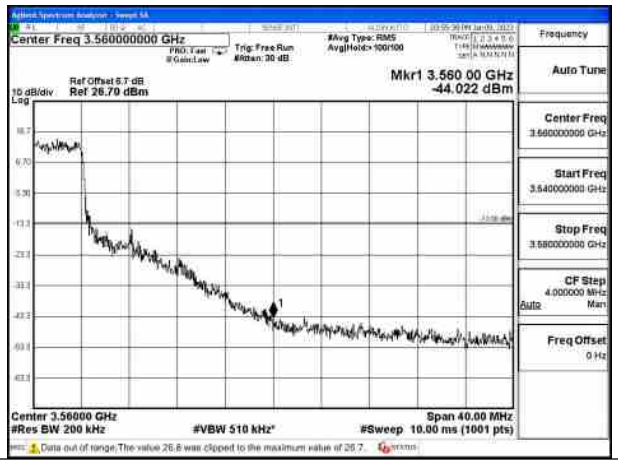

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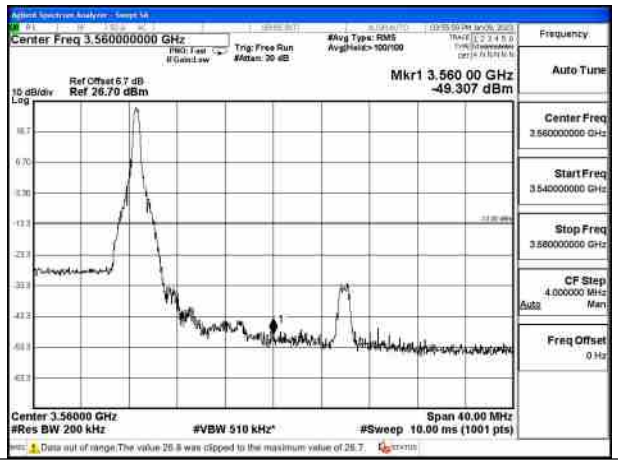

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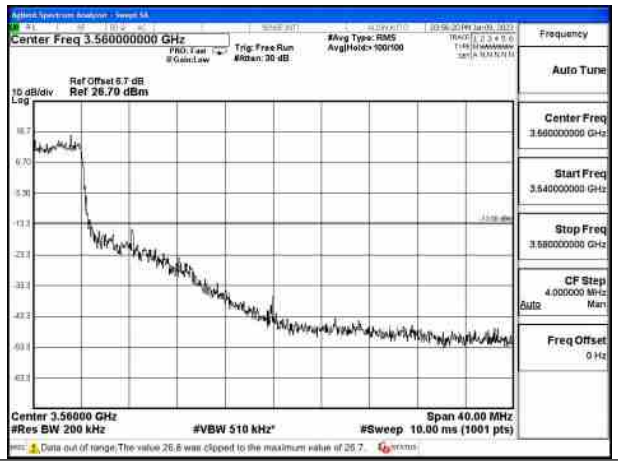

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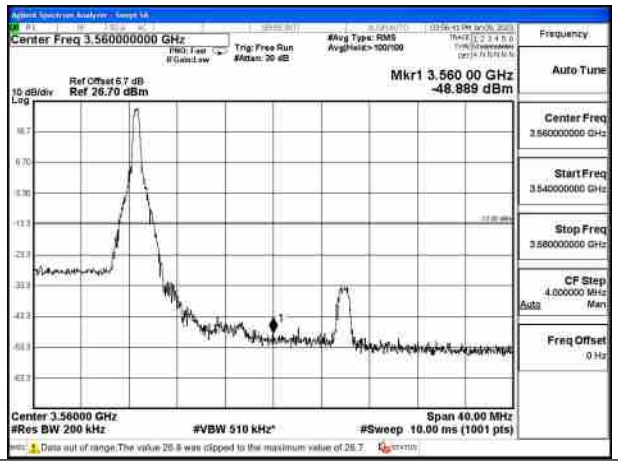

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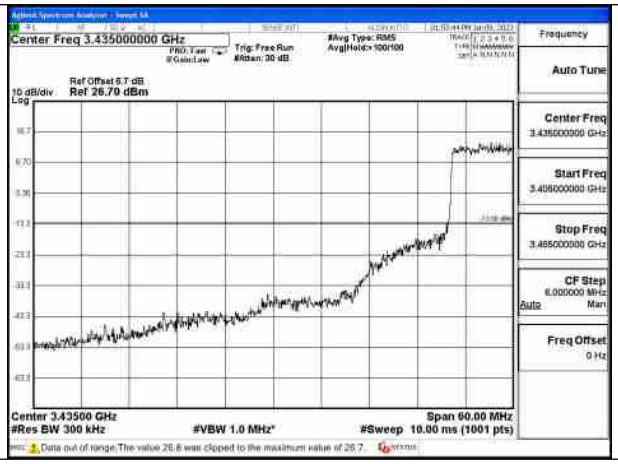

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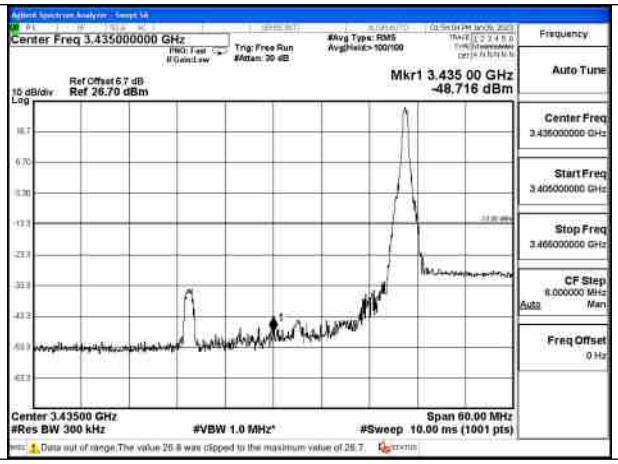

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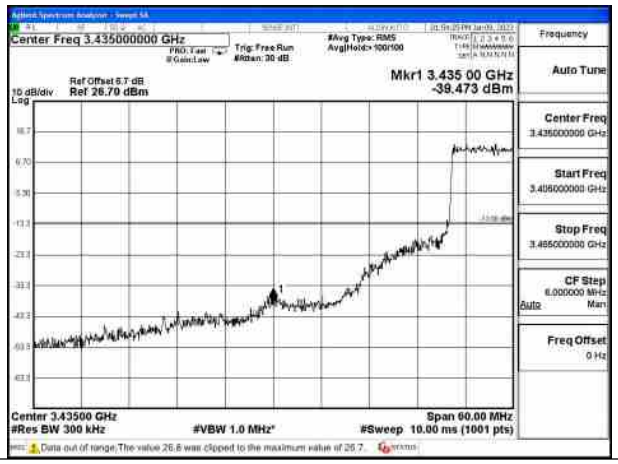

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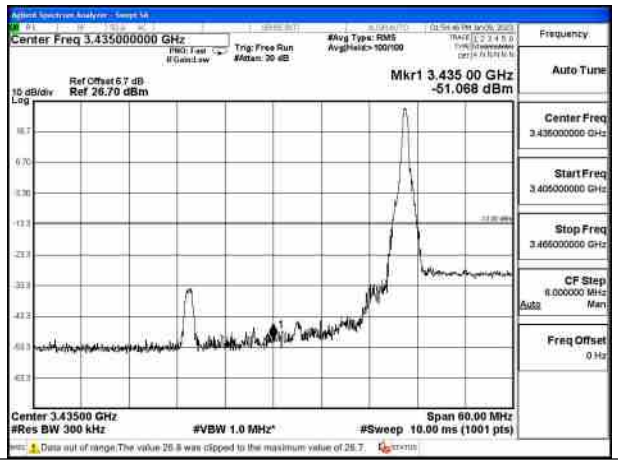

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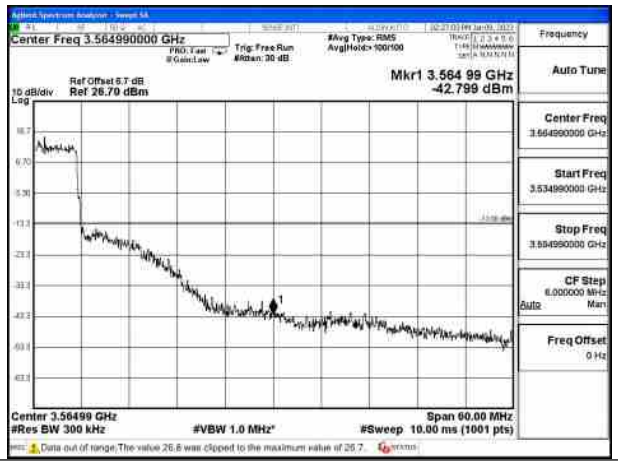

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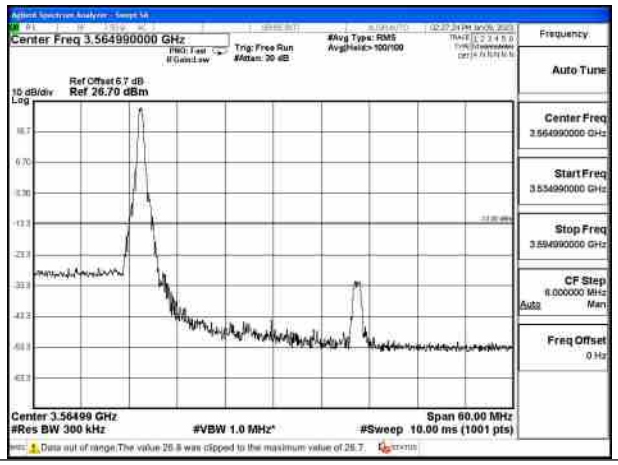

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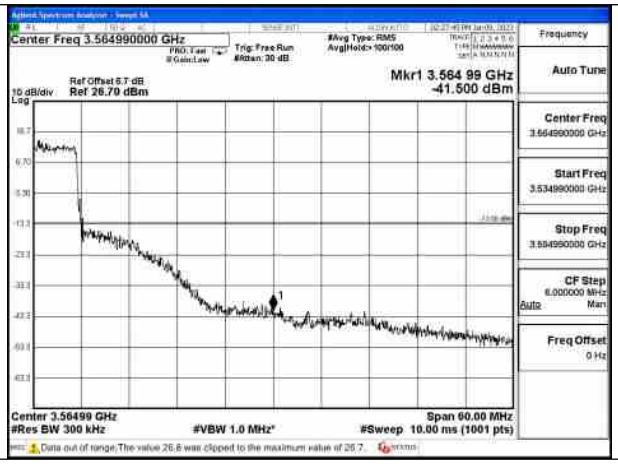


Fig.31

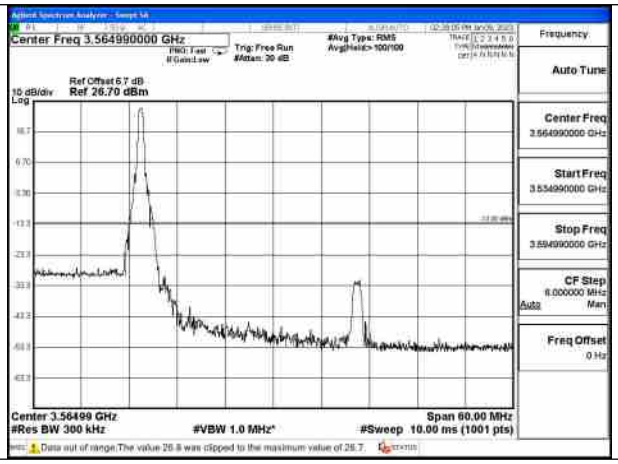


Fig.32

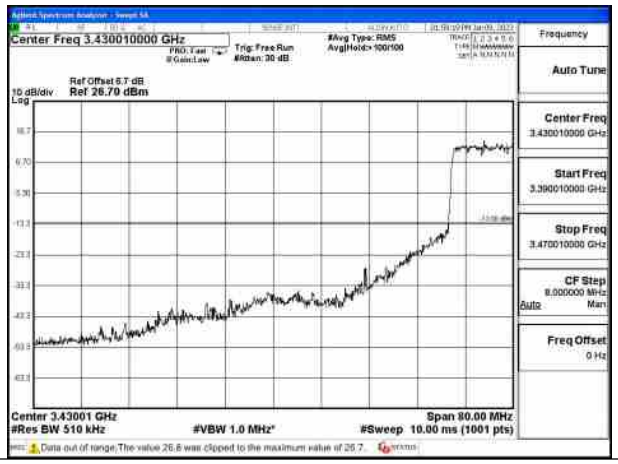
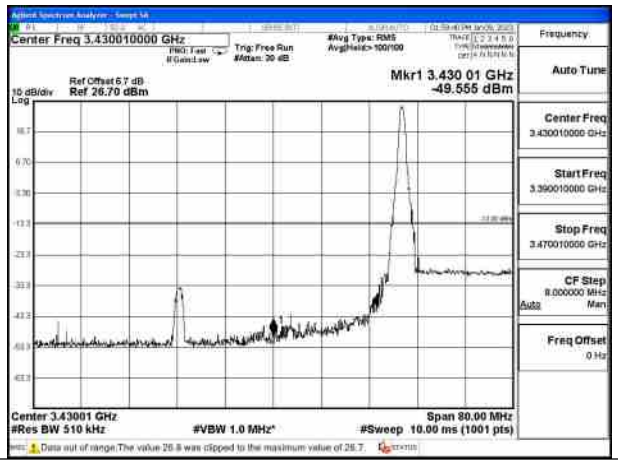


Fig.33



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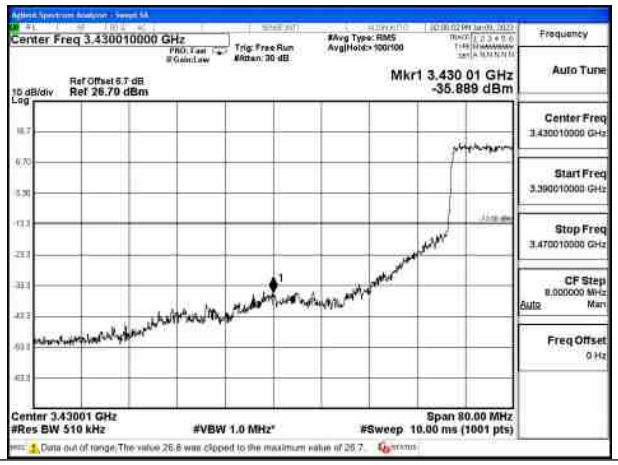

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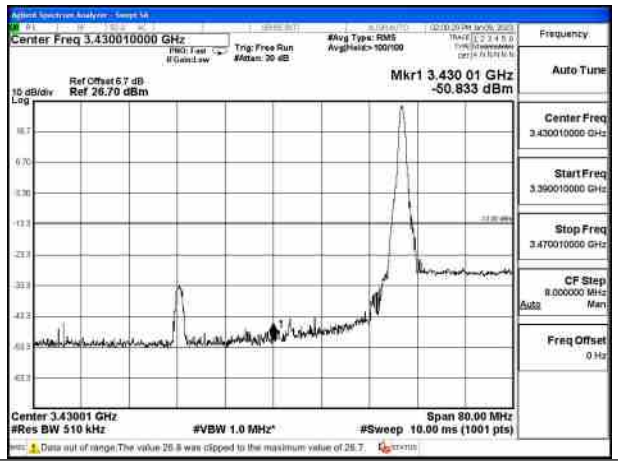

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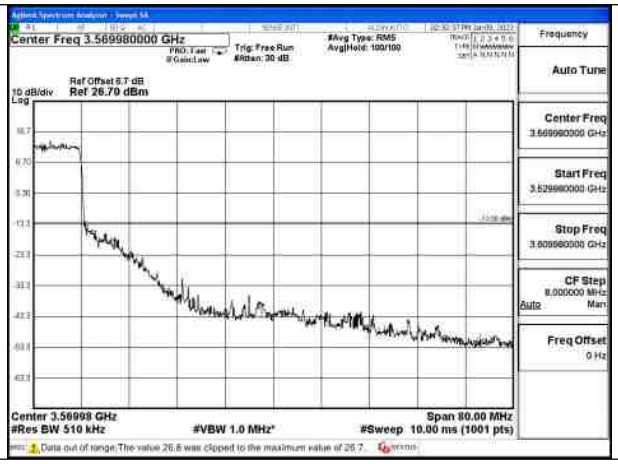


Fig.37

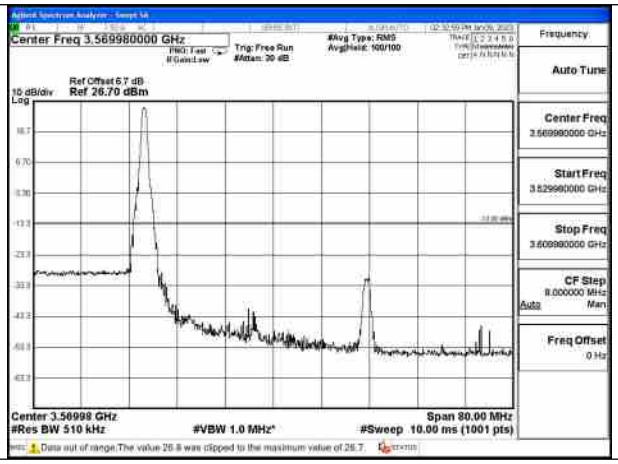


Fig.38

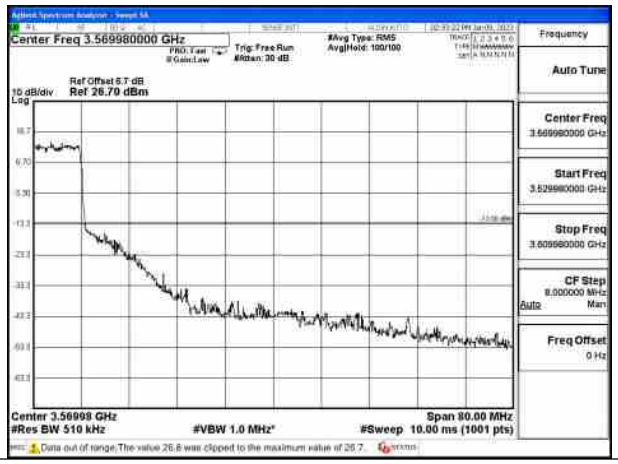


Fig.39

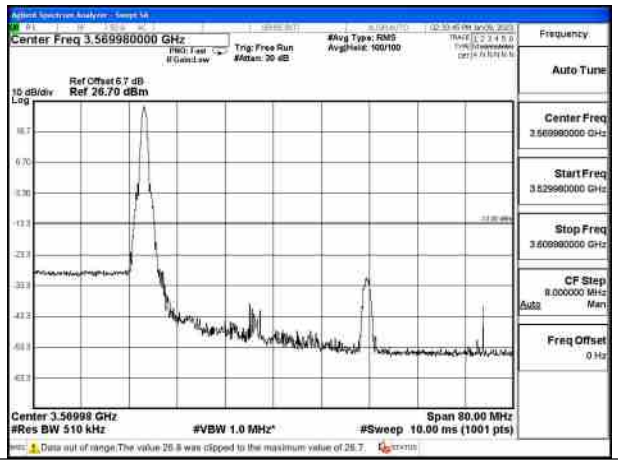


Fig.40

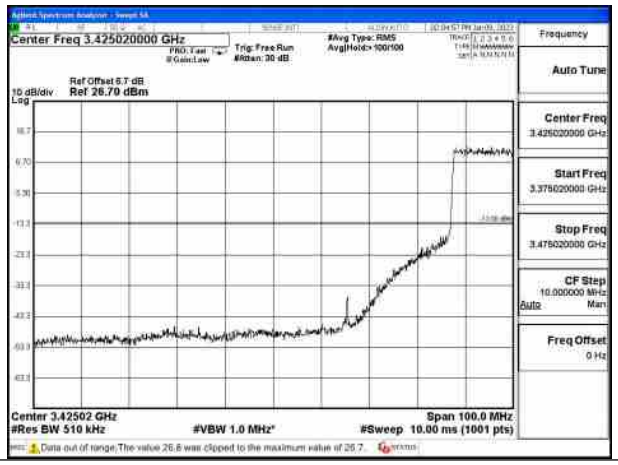


Fig.41

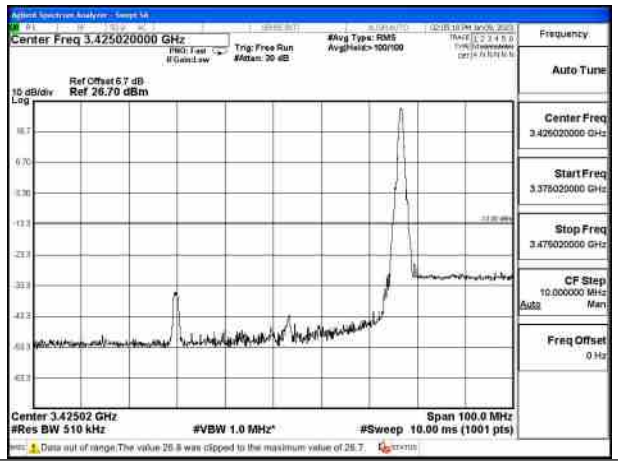
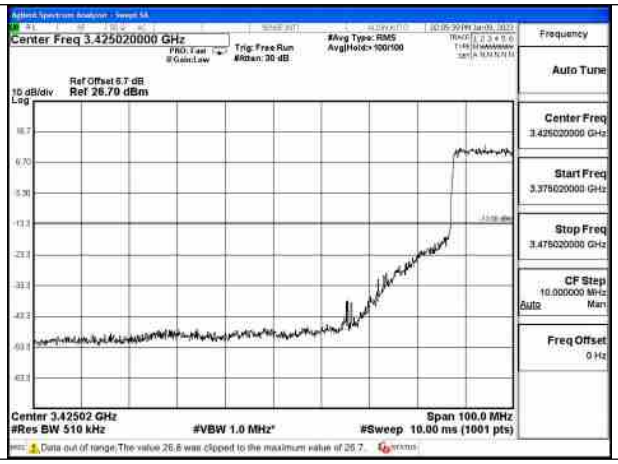


Fig.42



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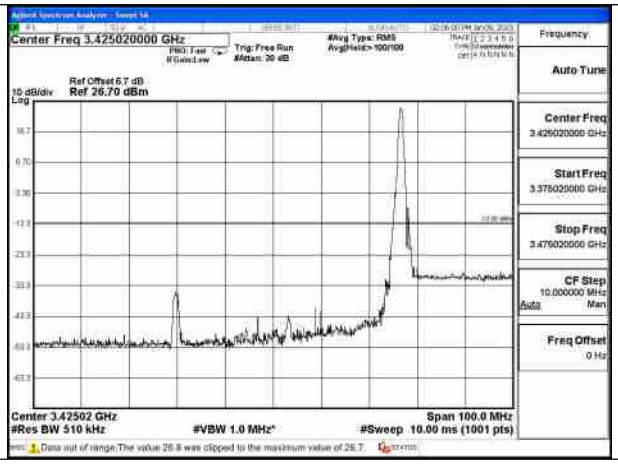

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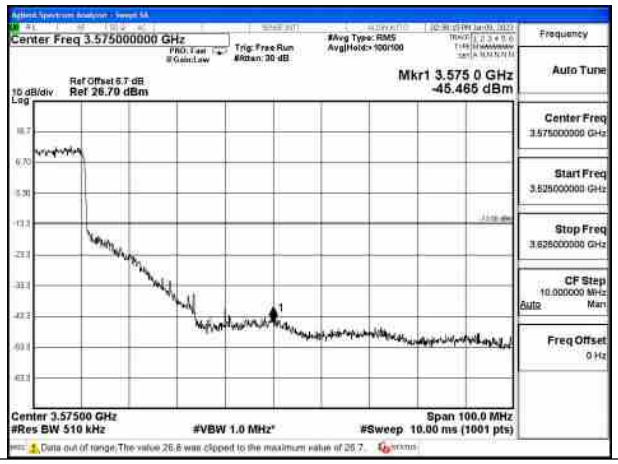
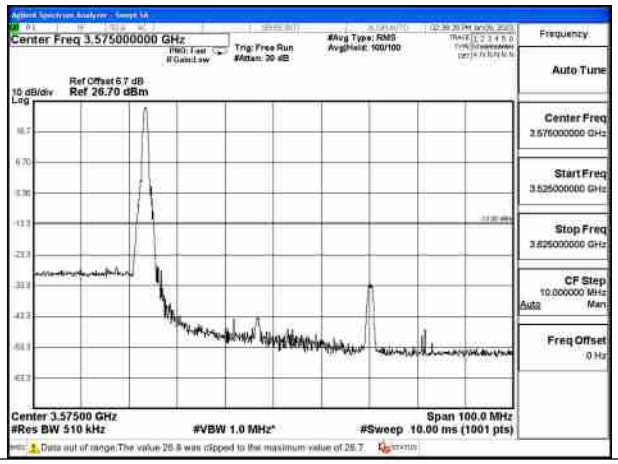


Fig.45



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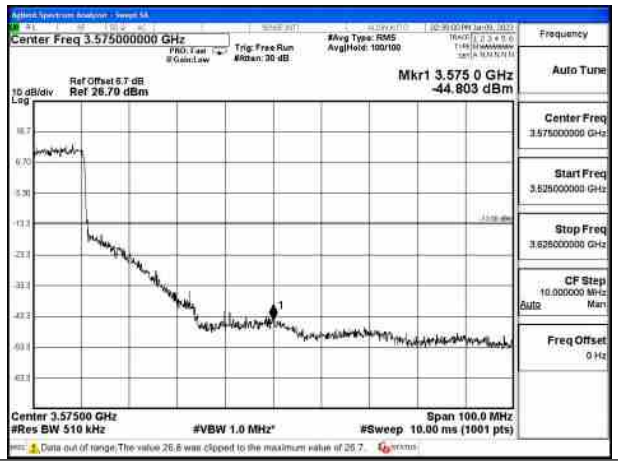

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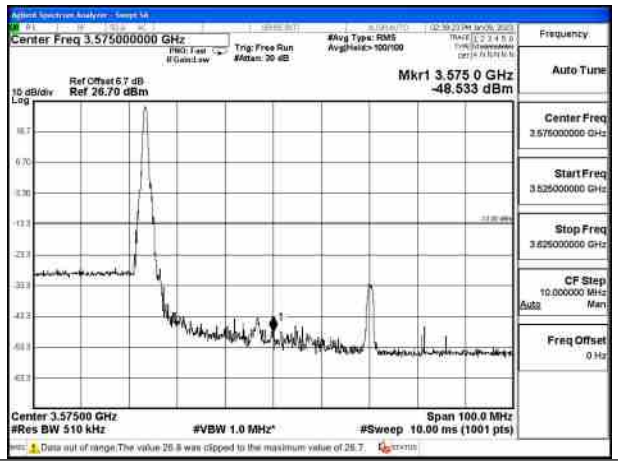

Fig.48

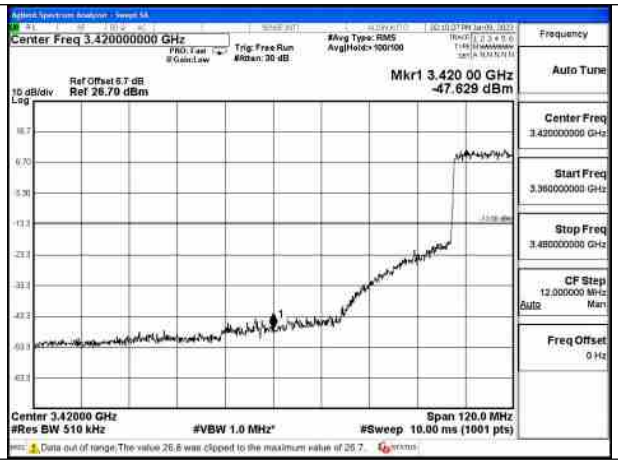

Fig.49

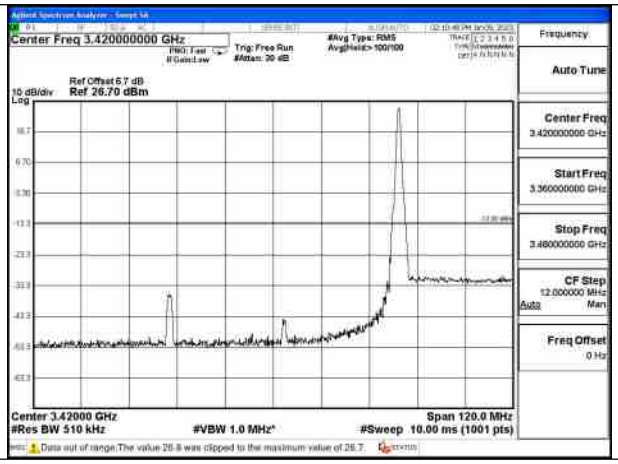

Fig.50

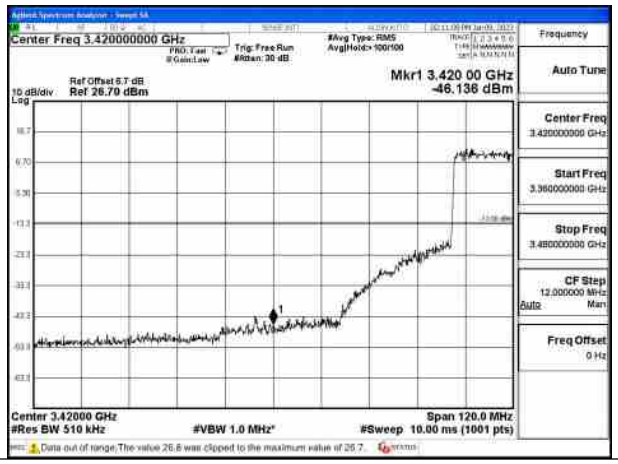

Fig.51

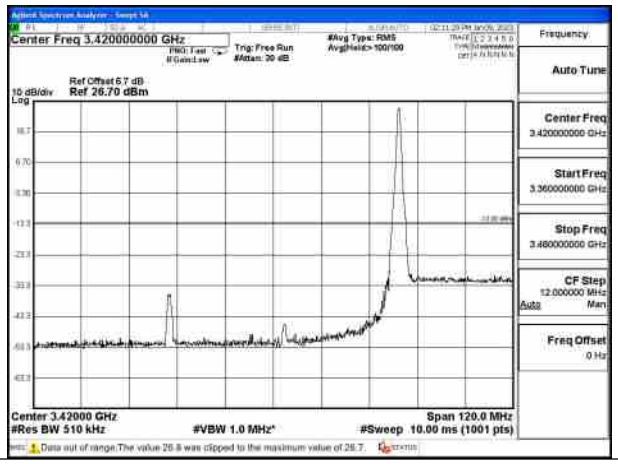

Fig.52

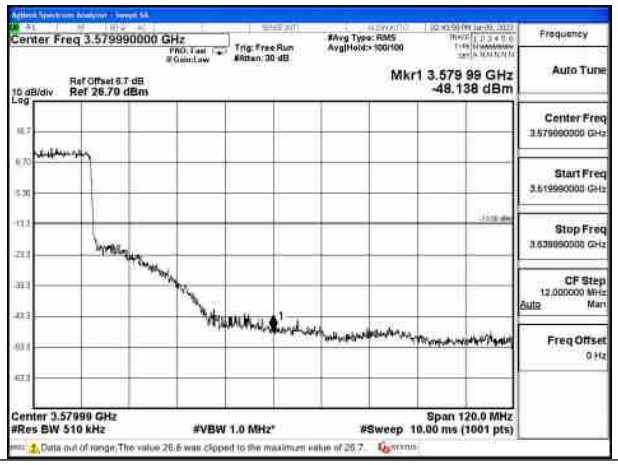

Fig.53

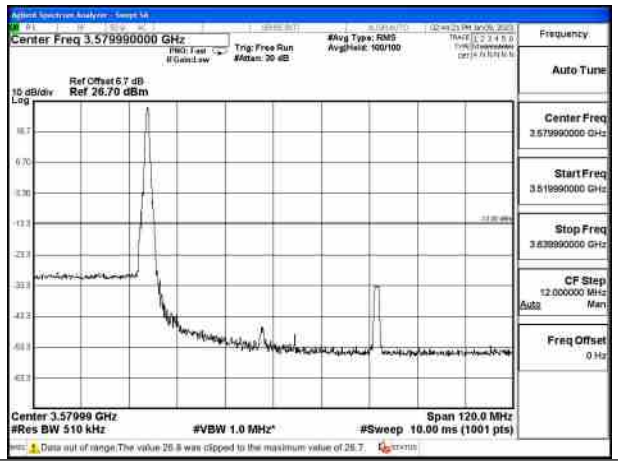

Fig.54

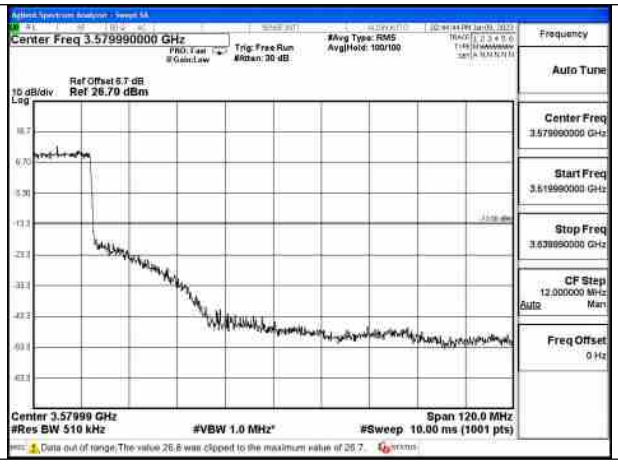

Fig.55

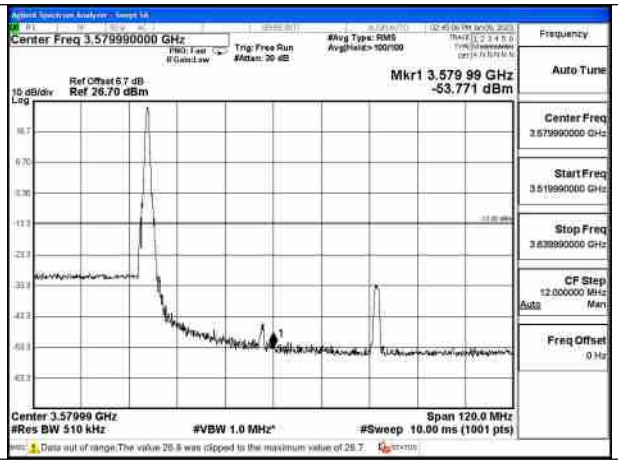

Fig.56

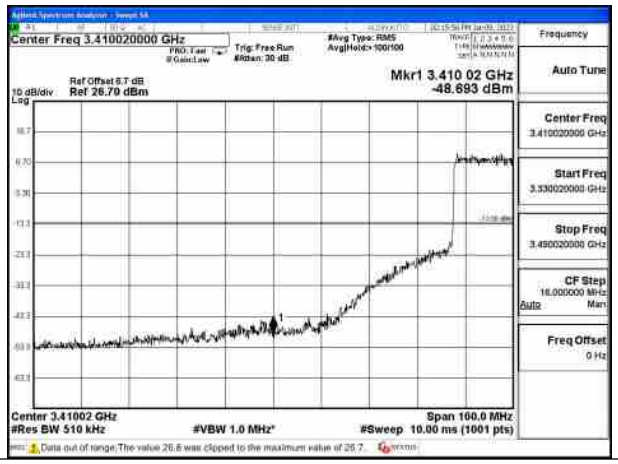

Fig.57

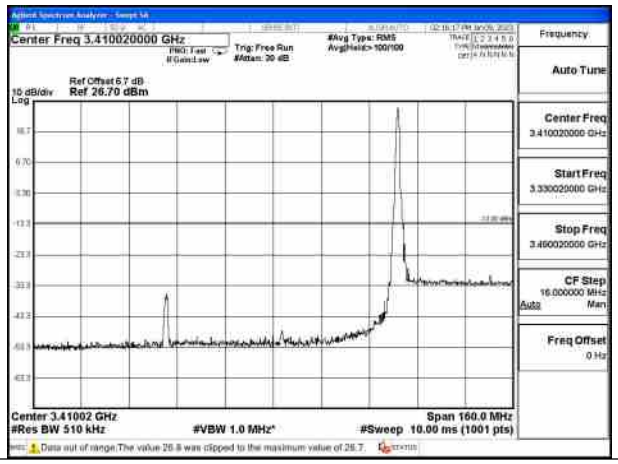

Fig.58

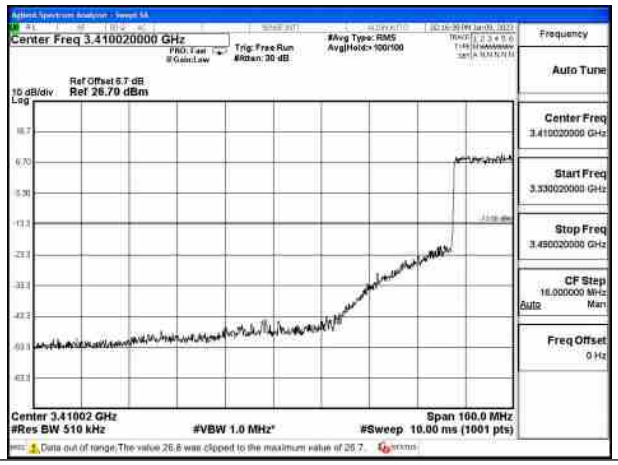

Fig.59

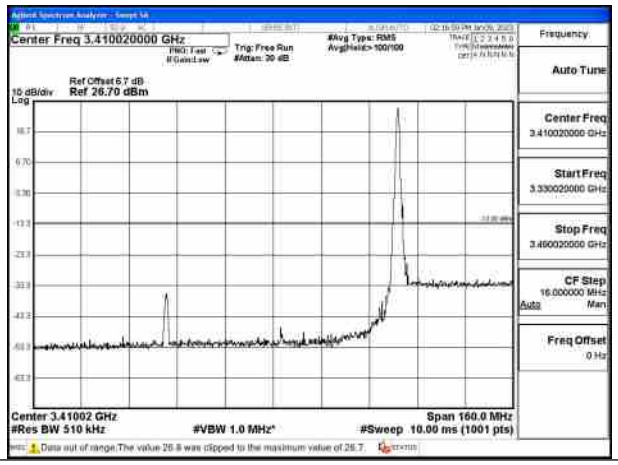

Fig.60

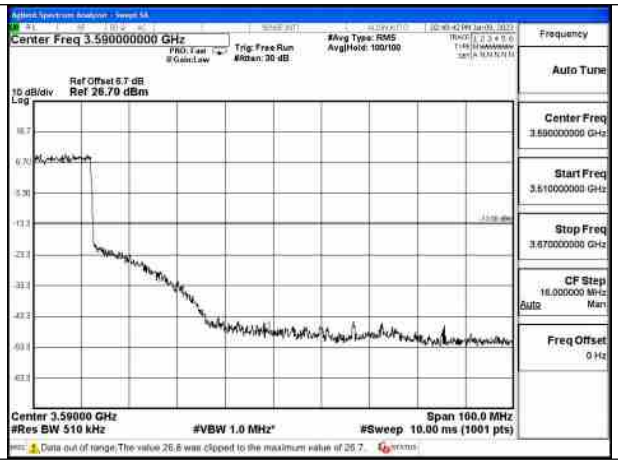

Fig.61

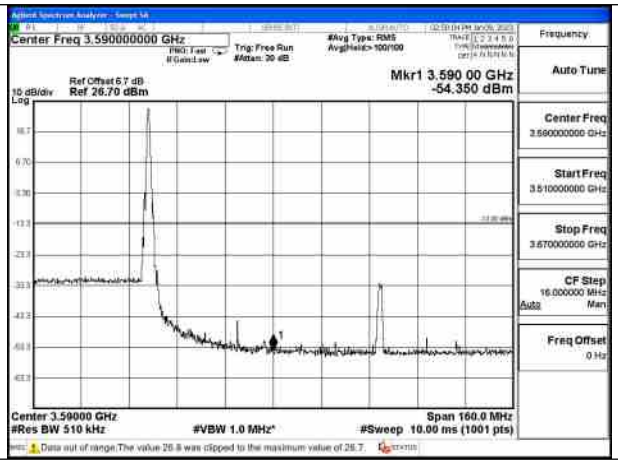

Fig.62

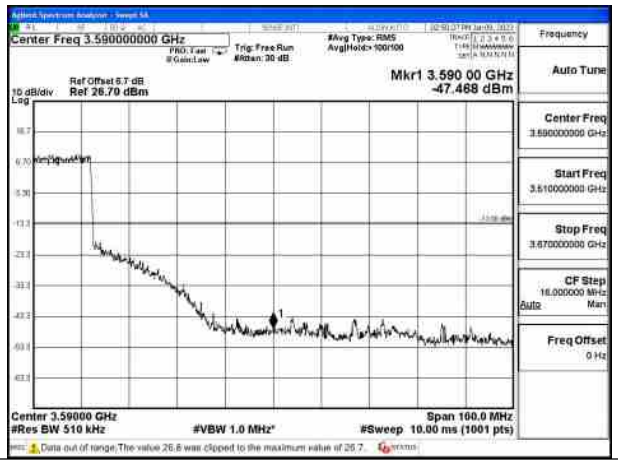

Fig.63

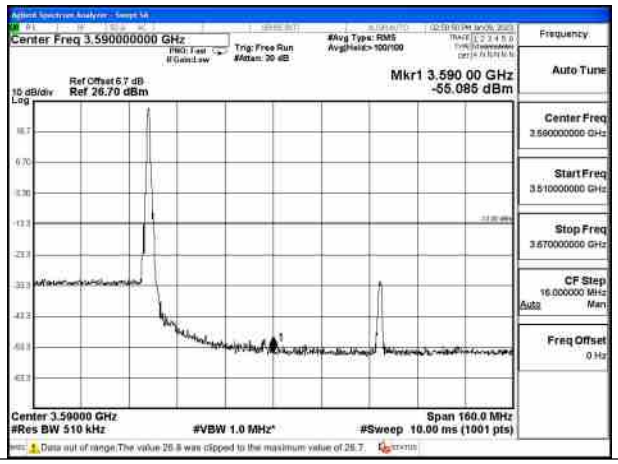

Fig.64

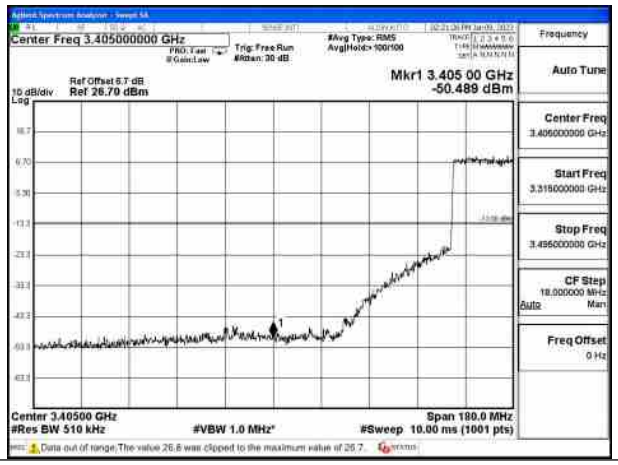

Fig.65

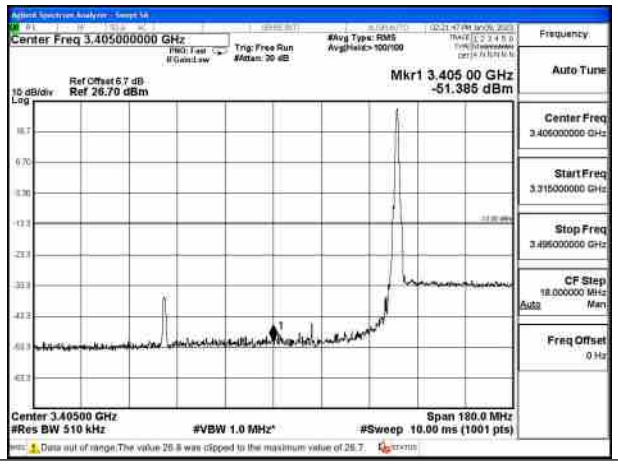

Fig.66

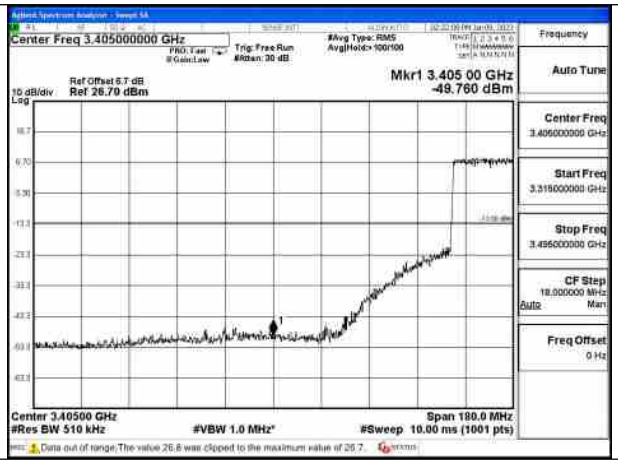

Fig.67

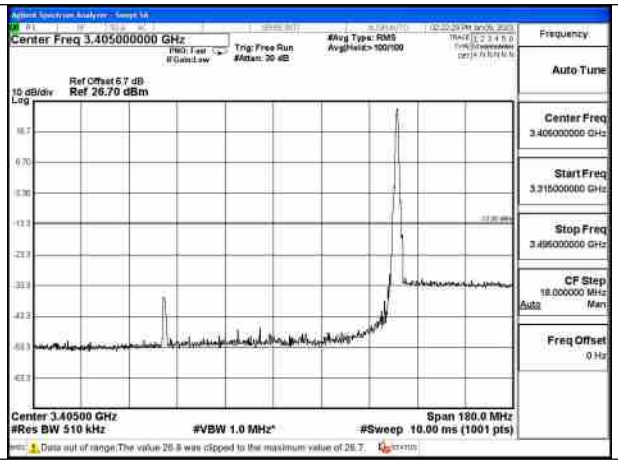

Fig.68

Fig.69

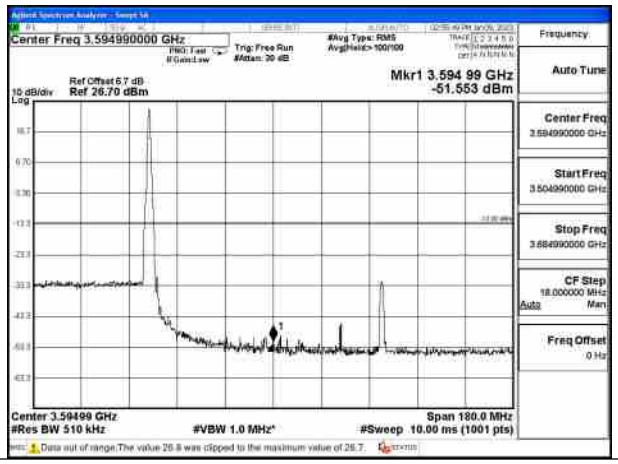

Fig.70

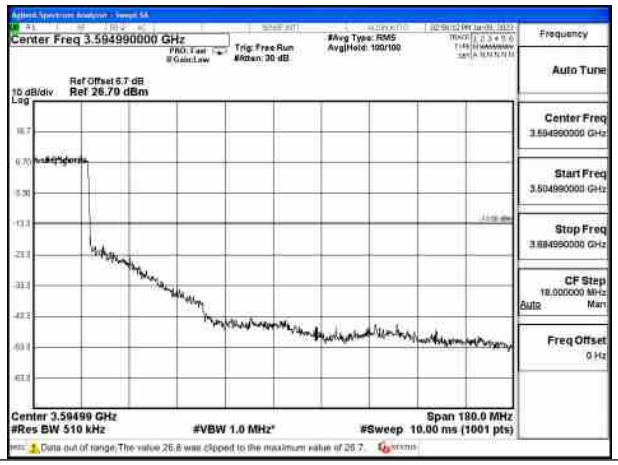

Fig.71

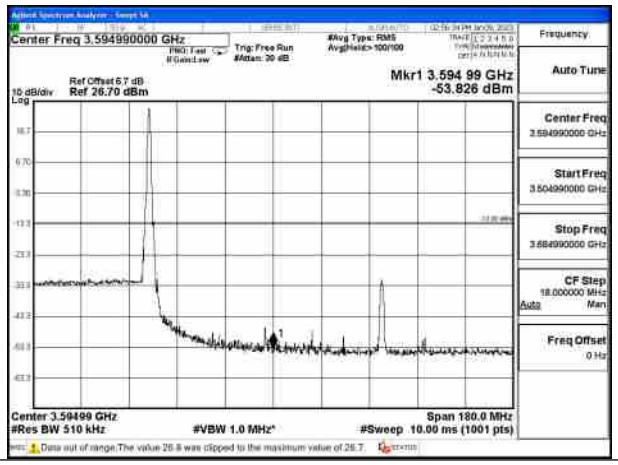

Fig.72

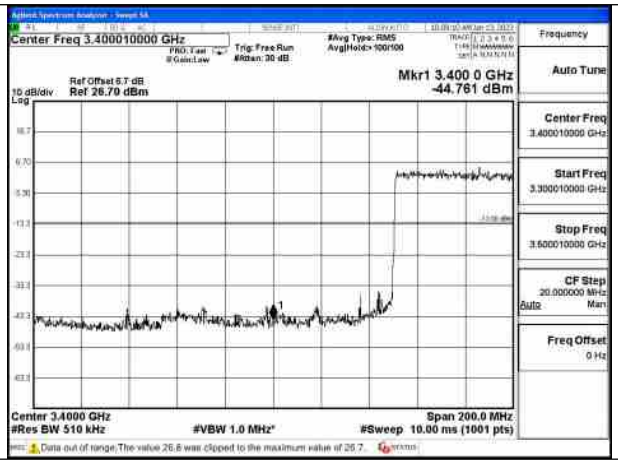

Fig.73

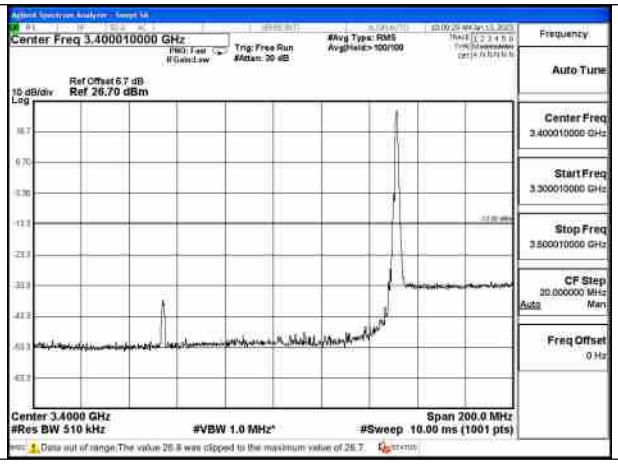

Fig.74

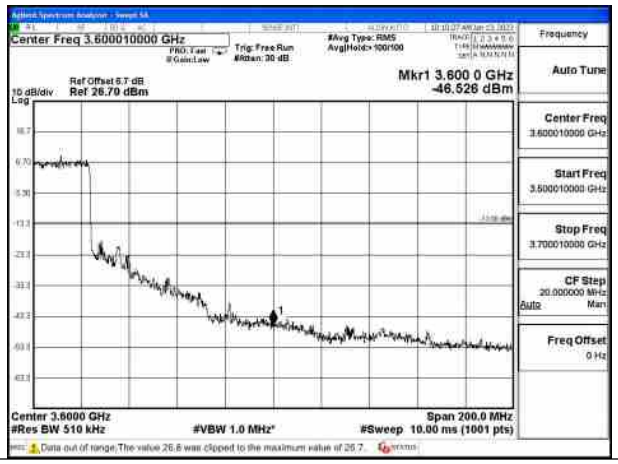

Fig.75

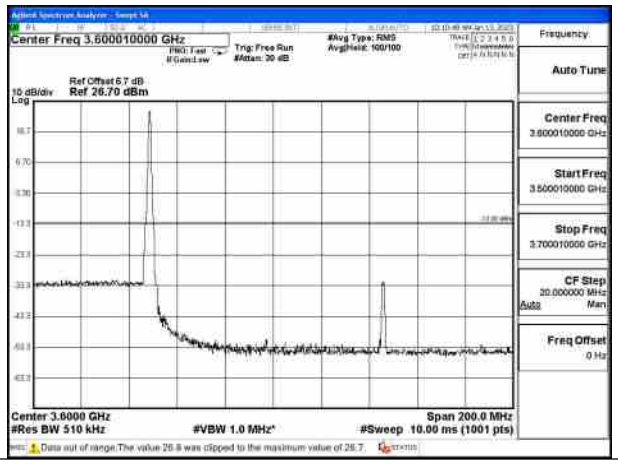

Fig.76

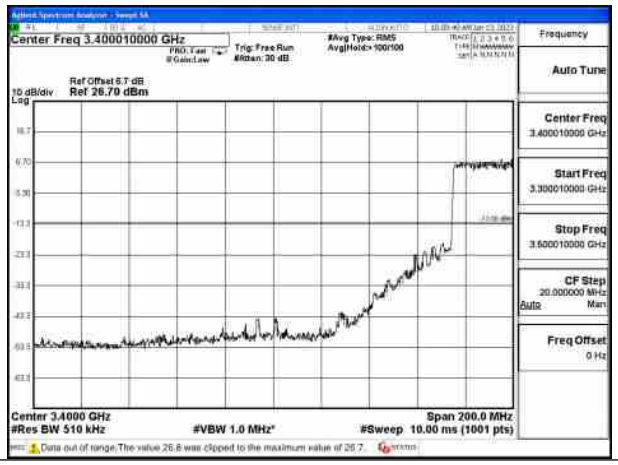

Fig.77

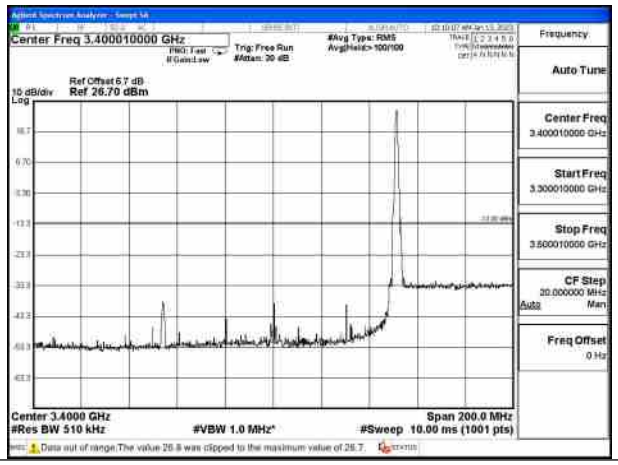

Fig.78

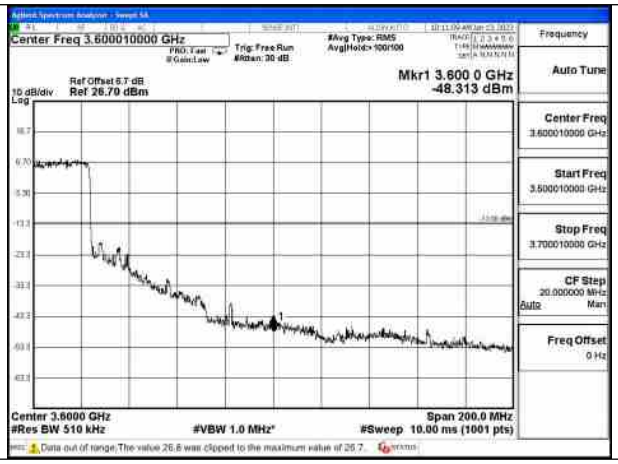
Agilent Spectrum Analyzer - Swept SA
Center Freq 3.600010000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold:>100/100
Mkr1 3.600 0 GHz
-48.313 dBm
Ref Offset 6.7 dB
10 dB/div Ref 26.70 dBm
Log
Frequency
Auto Tune
Center Freq
3.600010000 GHz
Start Freq
3.500010000 GHz
Stop Freq
3.700010000 GHz
CF Step
20.000000 MHz
Auto Man
Freq Offset
0 Hz
Center 3.6000 GHz
#Res BW 510 kHz
#VBW 1.0 MHz*
Span 200.0 MHz
#Sweep 10.00 ms (1001 pts)
Data out of range;The value 26.8 was clipped to the maximum value of 26.7.

Fig.79

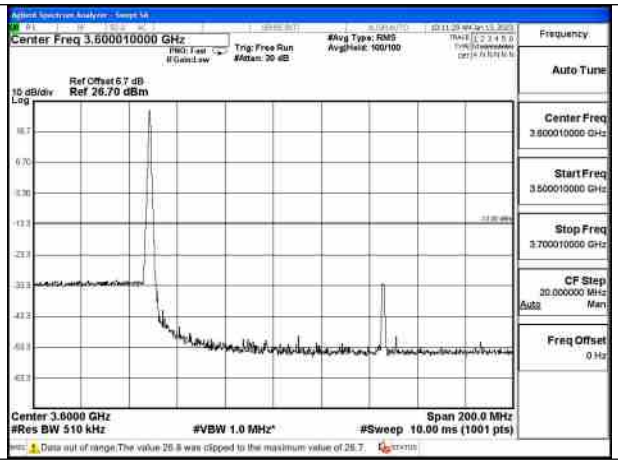
Agilent Spectrum Analyzer - Swept SA
Center Freq 3.600010000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold:>100/100
Ref Offset 6.7 dB
10 dB/div Ref 26.70 dBm
Log
Frequency
Auto Tune
Center Freq
3.600010000 GHz
Start Freq
3.500010000 GHz
Stop Freq
3.700010000 GHz
CF Step
20.000000 MHz
Auto Man
Freq Offset
0 Hz
Center 3.6000 GHz
#Res BW 510 kHz
#VBW 1.0 MHz*
Span 200.0 MHz
#Sweep 10.00 ms (1001 pts)
Data out of range;The value 26.8 was clipped to the maximum value of 26.7.

Fig.80

7 Frequency Stability

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Temperature (°C)	Voltage	Test Result (ppm)
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	-10	NV	0.32
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	0	NV	0.495
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	10	NV	0.669
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	20	NV	0.417
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	30	NV	0.591
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	40	NV	0.766
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	50	NV	0.046
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	20	LV	0.542
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	20	HV	0.716
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	-10	NV	0.665
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	0	NV	0.266
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	10	NV	0.441
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	20	NV	0.042
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	30	NV	0.217
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	40	NV	0.712
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	50	NV	0.313
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	20	LV	0.488
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	20	HV	0.089
CP-OFDM QPSK	3500.01	633334	100	1	0	-10	NV	0.093
CP-OFDM QPSK	3500.01	633334	100	1	0	0	NV	0.735
CP-OFDM QPSK	3500.01	633334	100	1	0	10	NV	0.015
CP-OFDM QPSK	3500.01	633334	100	1	0	20	NV	0.19
CP-OFDM QPSK	3500.01	633334	100	1	0	30	NV	0.685
CP-OFDM QPSK	3500.01	633334	100	1	0	40	NV	0.86
CP-OFDM QPSK	3500.01	633334	100	1	0	50	NV	0.607
CP-OFDM QPSK	3500.01	633334	100	1	0	20	LV	0.635
CP-OFDM QPSK	3500.01	633334	100	1	0	20	HV	0.383
CP-OFDM QPSK	3500.01	633334	100	1	0	-10	NV	0.36
CP-OFDM QPSK	3500.01	633334	100	1	0	0	NV	0.855
CP-OFDM QPSK	3500.01	633334	100	1	0	10	NV	0.136
CP-OFDM QPSK	3500.01	633334	100	1	0	20	NV	0.631
CP-OFDM QPSK	3500.01	633334	100	1	0	30	NV	0.805
CP-OFDM QPSK	3500.01	633334	100	1	0	40	NV	0.407
CP-OFDM QPSK	3500.01	633334	100	1	0	50	NV	0.008
CP-OFDM QPSK	3500.01	633334	100	1	0	20	LV	0.183
CP-OFDM QPSK	3500.01	633334	100	1	0	20	HV	0.678

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	3455.01	630334	10	1	0	22.28	20.68	0.117
DFT-s-OFDM PI/2 BPSK	3455.01	630334	10	1	23	23.68	22.08	0.161
DFT-s-OFDM PI/2 BPSK	3455.01	630334	10	12	6	23.21	21.61	0.145
DFT-s-OFDM PI/2 BPSK	3455.01	630334	10	24	0	22.93	21.33	0.136
DFT-s-OFDM QPSK	3455.01	630334	10	1	0	23.26	21.66	0.147
DFT-s-OFDM QPSK	3455.01	630334	10	1	23	22.79	21.19	0.132
DFT-s-OFDM QPSK	3455.01	630334	10	12	6	22.51	20.91	0.123
DFT-s-OFDM QPSK	3455.01	630334	10	24	0	22.04	20.44	0.111
DFT-s-OFDM 16QAM	3455.01	630334	10	1	0	23.44	21.84	0.153
DFT-s-OFDM 16QAM	3455.01	630334	10	1	23	22.09	20.49	0.112
DFT-s-OFDM 16QAM	3455.01	630334	10	12	6	23.29	21.69	0.148
DFT-s-OFDM 16QAM	3455.01	630334	10	24	0	23.02	21.42	0.139
DFT-s-OFDM 64QAM	3455.01	630334	10	1	0	22.55	20.95	0.124
DFT-s-OFDM 64QAM	3455.01	630334	10	1	23	22.27	20.67	0.117
DFT-s-OFDM 64QAM	3455.01	630334	10	12	6	22.60	21.00	0.126
DFT-s-OFDM 64QAM	3455.01	630334	10	24	0	22.12	20.52	0.113
DFT-s-OFDM 256QAM	3455.01	630334	10	1	0	22.45	20.85	0.122
DFT-s-OFDM 256QAM	3455.01	630334	10	1	23	23.05	21.45	0.140
DFT-s-OFDM 256QAM	3455.01	630334	10	12	6	23.38	21.78	0.151
DFT-s-OFDM 256QAM	3455.01	630334	10	24	0	22.03	20.43	0.110
CP-OFDM QPSK	3455.01	630334	10	1	0	22.63	21.03	0.127
CP-OFDM QPSK	3455.01	630334	10	1	23	22.96	21.36	0.137
CP-OFDM QPSK	3455.01	630334	10	12	6	23.56	21.96	0.157
CP-OFDM QPSK	3455.01	630334	10	24	0	22.21	20.61	0.115
CP-OFDM 16QAM	3455.01	630334	10	1	0	22.54	20.94	0.124
CP-OFDM 16QAM	3455.01	630334	10	1	23	23.14	21.54	0.143
CP-OFDM 16QAM	3455.01	630334	10	12	6	23.47	21.87	0.154
CP-OFDM 16QAM	3455.01	630334	10	24	0	22.12	20.52	0.113
CP-OFDM 64QAM	3455.01	630334	10	1	0	22.72	21.12	0.129
CP-OFDM 64QAM	3455.01	630334	10	1	23	23.05	21.45	0.140
CP-OFDM 64QAM	3455.01	630334	10	12	6	23.65	22.05	0.160
CP-OFDM 64QAM	3455.01	630334	10	24	0	22.30	20.70	0.117
CP-OFDM 256QAM	3455.01	630334	10	1	0	22.90	21.30	0.135
CP-OFDM 256QAM	3455.01	630334	10	1	23	23.23	21.63	0.146
CP-OFDM 256QAM	3455.01	630334	10	12	6	23.56	21.96	0.157
CP-OFDM 256QAM	3455.01	630334	10	24	0	22.21	20.61	0.115
DFT-s-OFDM PI/2 BPSK	3500.01	633334	10	1	0	22.29	20.69	0.117
DFT-s-OFDM PI/2 BPSK	3500.01	633334	10	1	23	22.62	21.02	0.126
DFT-s-OFDM PI/2 BPSK	3500.01	633334	10	12	6	22.95	21.35	0.136
DFT-s-OFDM PI/2 BPSK	3500.01	633334	10	24	0	22.20	20.60	0.115
DFT-s-OFDM QPSK	3500.01	633334	10	1	0	22.53	20.93	0.124
DFT-s-OFDM QPSK	3500.01	633334	10	1	23	22.05	20.45	0.111
DFT-s-OFDM QPSK	3500.01	633334	10	12	6	22.38	20.78	0.120
DFT-s-OFDM QPSK	3500.01	633334	10	24	0	22.71	21.11	0.129

DFT-s-OFDM 16QAM	3500.01	633334	10	1	0	23.64	22.04	0.160
DFT-s-OFDM 16QAM	3500.01	633334	10	1	23	22.29	20.69	0.117
DFT-s-OFDM 16QAM	3500.01	633334	10	12	6	23.49	21.89	0.155
DFT-s-OFDM 16QAM	3500.01	633334	10	24	0	22.14	20.54	0.113
DFT-s-OFDM 64QAM	3500.01	633334	10	1	0	22.47	20.87	0.122
DFT-s-OFDM 64QAM	3500.01	633334	10	1	23	22.80	21.20	0.132
DFT-s-OFDM 64QAM	3500.01	633334	10	12	6	22.05	20.45	0.111
DFT-s-OFDM 64QAM	3500.01	633334	10	24	0	22.38	20.78	0.120
DFT-s-OFDM 256QAM	3500.01	633334	10	1	0	23.58	21.98	0.158
DFT-s-OFDM 256QAM	3500.01	633334	10	1	23	22.23	20.63	0.116
DFT-s-OFDM 256QAM	3500.01	633334	10	12	6	22.56	20.96	0.125
DFT-s-OFDM 256QAM	3500.01	633334	10	24	0	23.49	21.89	0.155
CP-OFDM QPSK	3500.01	633334	10	1	0	22.14	20.54	0.113
CP-OFDM QPSK	3500.01	633334	10	1	23	23.34	21.74	0.149
CP-OFDM QPSK	3500.01	633334	10	12	6	23.67	22.07	0.161
CP-OFDM QPSK	3500.01	633334	10	24	0	22.32	20.72	0.118
CP-OFDM 16QAM	3500.01	633334	10	1	0	22.65	21.05	0.127
CP-OFDM 16QAM	3500.01	633334	10	1	23	22.17	20.57	0.114
CP-OFDM 16QAM	3500.01	633334	10	12	6	22.22	20.62	0.115
CP-OFDM 16QAM	3500.01	633334	10	24	0	22.83	21.23	0.133
CP-OFDM 64QAM	3500.01	633334	10	1	0	22.08	20.48	0.112
CP-OFDM 64QAM	3500.01	633334	10	1	23	22.41	20.81	0.121
CP-OFDM 64QAM	3500.01	633334	10	12	6	22.73	21.13	0.130
CP-OFDM 64QAM	3500.01	633334	10	24	0	22.26	20.66	0.116
CP-OFDM 256QAM	3500.01	633334	10	1	0	22.59	20.99	0.126
CP-OFDM 256QAM	3500.01	633334	10	1	23	22.92	21.32	0.136
CP-OFDM 256QAM	3500.01	633334	10	12	6	22.17	20.57	0.114
CP-OFDM 256QAM	3500.01	633334	10	24	0	22.49	20.89	0.123
DFT-s-OFDM PI/2 BPSK	3544.98	636332	10	1	0	23.15	21.55	0.143
DFT-s-OFDM PI/2 BPSK	3544.98	636332	10	1	23	22.40	20.80	0.120
DFT-s-OFDM PI/2 BPSK	3544.98	636332	10	12	6	22.73	21.13	0.130
DFT-s-OFDM PI/2 BPSK	3544.98	636332	10	24	0	23.66	22.06	0.161
DFT-s-OFDM QPSK	3544.98	636332	10	1	0	22.91	21.31	0.135
DFT-s-OFDM QPSK	3544.98	636332	10	1	23	22.96	21.36	0.137
DFT-s-OFDM QPSK	3544.98	636332	10	12	6	22.49	20.89	0.123
DFT-s-OFDM QPSK	3544.98	636332	10	24	0	23.42	21.82	0.152
DFT-s-OFDM 16QAM	3544.98	636332	10	1	0	23.47	21.87	0.154
DFT-s-OFDM 16QAM	3544.98	636332	10	1	23	22.72	21.12	0.129
DFT-s-OFDM 16QAM	3544.98	636332	10	12	6	22.25	20.65	0.116
DFT-s-OFDM 16QAM	3544.98	636332	10	24	0	22.30	20.70	0.117
DFT-s-OFDM 64QAM	3544.98	636332	10	1	0	23.23	21.63	0.146
DFT-s-OFDM 64QAM	3544.98	636332	10	1	23	22.48	20.88	0.122
DFT-s-OFDM 64QAM	3544.98	636332	10	12	6	22.81	21.21	0.132
DFT-s-OFDM 64QAM	3544.98	636332	10	24	0	22.06	20.46	0.111
DFT-s-OFDM 256QAM	3544.98	636332	10	1	0	23.27	21.67	0.147
DFT-s-OFDM 256QAM	3544.98	636332	10	1	23	23.32	21.72	0.149

DFT-s-OFDM 256QAM	3544.98	636332	10	12	6	22.57	20.97	0.125
DFT-s-OFDM 256QAM	3544.98	636332	10	24	0	23.50	21.90	0.155
CP-OFDM QPSK	3544.98	636332	10	1	0	22.75	21.15	0.130
CP-OFDM QPSK	3544.98	636332	10	1	23	23.68	22.08	0.161
CP-OFDM QPSK	3544.98	636332	10	12	6	22.33	20.73	0.118
CP-OFDM QPSK	3544.98	636332	10	24	0	23.26	21.66	0.147
CP-OFDM 16QAM	3544.98	636332	10	1	0	22.51	20.91	0.123
CP-OFDM 16QAM	3544.98	636332	10	1	23	22.84	21.24	0.133
CP-OFDM 16QAM	3544.98	636332	10	12	6	22.09	20.49	0.112
CP-OFDM 16QAM	3544.98	636332	10	24	0	23.02	21.42	0.139
CP-OFDM 64QAM	3544.98	636332	10	1	0	23.35	21.75	0.150
CP-OFDM 64QAM	3544.98	636332	10	1	23	22.60	21.00	0.126
CP-OFDM 64QAM	3544.98	636332	10	12	6	22.93	21.33	0.136
CP-OFDM 64QAM	3544.98	636332	10	24	0	22.18	20.58	0.114
CP-OFDM 256QAM	3544.98	636332	10	1	0	23.11	21.51	0.142
CP-OFDM 256QAM	3544.98	636332	10	1	23	22.36	20.76	0.119
CP-OFDM 256QAM	3544.98	636332	10	12	6	23.29	21.69	0.148
CP-OFDM 256QAM	3544.98	636332	10	24	0	22.54	20.94	0.124

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	3457.5	630500	15	1	0	23.25	21.65	0.146
DFT-s-OFDM PI/2 BPSK	3457.5	630500	15	1	37	22.18	20.58	0.114
DFT-s-OFDM PI/2 BPSK	3457.5	630500	15	18	9	22.50	20.90	0.123
DFT-s-OFDM PI/2 BPSK	3457.5	630500	15	36	0	23.11	21.51	0.142
DFT-s-OFDM QPSK	3457.5	630500	15	1	0	23.44	21.84	0.153
DFT-s-OFDM QPSK	3457.5	630500	15	1	37	22.08	20.48	0.112
DFT-s-OFDM QPSK	3457.5	630500	15	18	9	22.41	20.81	0.121
DFT-s-OFDM QPSK	3457.5	630500	15	36	0	23.62	22.02	0.159
DFT-s-OFDM 16QAM	3457.5	630500	15	1	0	23.34	21.74	0.149
DFT-s-OFDM 16QAM	3457.5	630500	15	1	37	23.67	22.07	0.161
DFT-s-OFDM 16QAM	3457.5	630500	15	18	9	22.59	20.99	0.126
DFT-s-OFDM 16QAM	3457.5	630500	15	36	0	22.92	21.32	0.136
DFT-s-OFDM 64QAM	3457.5	630500	15	1	0	22.45	20.85	0.122
DFT-s-OFDM 64QAM	3457.5	630500	15	1	37	22.77	21.17	0.131
DFT-s-OFDM 64QAM	3457.5	630500	15	18	9	22.50	20.90	0.123
DFT-s-OFDM 64QAM	3457.5	630500	15	36	0	22.02	20.42	0.110
DFT-s-OFDM 256QAM	3457.5	630500	15	1	0	23.43	21.83	0.152
DFT-s-OFDM 256QAM	3457.5	630500	15	1	37	22.96	21.36	0.137
DFT-s-OFDM 256QAM	3457.5	630500	15	18	9	23.28	21.68	0.147
DFT-s-OFDM 256QAM	3457.5	630500	15	36	0	23.01	21.41	0.138
CP-OFDM QPSK	3457.5	630500	15	1	0	22.53	20.93	0.124
CP-OFDM QPSK	3457.5	630500	15	1	37	22.86	21.26	0.134
CP-OFDM QPSK	3457.5	630500	15	19	9	23.19	21.59	0.144
CP-OFDM QPSK	3457.5	630500	15	38	0	22.11	20.51	0.112
CP-OFDM 16QAM	3457.5	630500	15	1	0	22.44	20.84	0.121

CP-OFDM 16QAM	3457.5	630500	15	1	37	22.77	21.17	0.131
CP-OFDM 16QAM	3457.5	630500	15	19	9	23.37	21.77	0.150
CP-OFDM 16QAM	3457.5	630500	15	38	0	22.02	20.42	0.110
CP-OFDM 64QAM	3457.5	630500	15	1	0	22.35	20.75	0.119
CP-OFDM 64QAM	3457.5	630500	15	1	37	23.55	21.95	0.157
CP-OFDM 64QAM	3457.5	630500	15	19	9	23.28	21.68	0.147
CP-OFDM 64QAM	3457.5	630500	15	38	0	22.80	21.20	0.132
CP-OFDM 256QAM	3457.5	630500	15	1	0	23.13	21.53	0.142
CP-OFDM 256QAM	3457.5	630500	15	1	37	22.86	21.26	0.134
CP-OFDM 256QAM	3457.5	630500	15	19	9	22.38	20.78	0.120
CP-OFDM 256QAM	3457.5	630500	15	38	0	22.11	20.51	0.112
DFT-s-OFDM PI/2 BPSK	3500.01	633334	15	1	0	22.35	20.75	0.119
DFT-s-OFDM PI/2 BPSK	3500.01	633334	15	1	37	23.28	21.68	0.147
DFT-s-OFDM PI/2 BPSK	3500.01	633334	15	18	9	23.61	22.01	0.159
DFT-s-OFDM PI/2 BPSK	3500.01	633334	15	36	0	22.25	20.65	0.116
DFT-s-OFDM QPSK	3500.01	633334	15	1	0	22.58	20.98	0.125
DFT-s-OFDM QPSK	3500.01	633334	15	1	37	23.51	21.91	0.155
DFT-s-OFDM QPSK	3500.01	633334	15	18	9	23.04	21.44	0.139
DFT-s-OFDM QPSK	3500.01	633334	15	36	0	23.37	21.77	0.150
DFT-s-OFDM 16QAM	3500.01	633334	15	1	0	22.01	20.41	0.110
DFT-s-OFDM 16QAM	3500.01	633334	15	1	37	22.34	20.74	0.119
DFT-s-OFDM 16QAM	3500.01	633334	15	18	9	23.27	21.67	0.147
DFT-s-OFDM 16QAM	3500.01	633334	15	36	0	23.60	22.00	0.158
DFT-s-OFDM 64QAM	3500.01	633334	15	1	0	23.13	21.53	0.142
DFT-s-OFDM 64QAM	3500.01	633334	15	1	37	23.45	21.85	0.153
DFT-s-OFDM 64QAM	3500.01	633334	15	18	9	22.10	20.50	0.112
DFT-s-OFDM 64QAM	3500.01	633334	15	36	0	23.03	21.43	0.139
DFT-s-OFDM 256QAM	3500.01	633334	15	1	0	23.36	21.76	0.150
DFT-s-OFDM 256QAM	3500.01	633334	15	1	37	22.61	21.01	0.126
DFT-s-OFDM 256QAM	3500.01	633334	15	18	9	22.94	21.34	0.136
DFT-s-OFDM 256QAM	3500.01	633334	15	36	0	22.47	20.87	0.122
CP-OFDM QPSK	3500.01	633334	15	1	0	22.79	21.19	0.132
CP-OFDM QPSK	3500.01	633334	15	1	37	22.04	20.44	0.111
CP-OFDM QPSK	3500.01	633334	15	19	9	22.37	20.77	0.119
CP-OFDM QPSK	3500.01	633334	15	38	0	22.70	21.10	0.129
CP-OFDM 16QAM	3500.01	633334	15	1	0	23.63	22.03	0.160
CP-OFDM 16QAM	3500.01	633334	15	1	37	22.28	20.68	0.117
CP-OFDM 16QAM	3500.01	633334	15	19	9	23.48	21.88	0.154
CP-OFDM 16QAM	3500.01	633334	15	38	0	22.13	20.53	0.113
CP-OFDM 64QAM	3500.01	633334	15	1	0	23.06	21.46	0.140
CP-OFDM 64QAM	3500.01	633334	15	1	37	23.39	21.79	0.151
CP-OFDM 64QAM	3500.01	633334	15	19	9	22.04	20.44	0.111
CP-OFDM 64QAM	3500.01	633334	15	38	0	22.97	21.37	0.137
CP-OFDM 256QAM	3500.01	633334	15	1	0	23.30	21.70	0.148
CP-OFDM 256QAM	3500.01	633334	15	1	37	22.82	21.22	0.132
CP-OFDM 256QAM	3500.01	633334	15	19	9	22.07	20.47	0.111

CP-OFDM 256QAM	3500.01	633334	15	38	0	22.40	20.80	0.120
DFT-s-OFDM PI/2 BPSK	3542.49	636166	15	1	0	23.07	21.47	0.140
DFT-s-OFDM PI/2 BPSK	3542.49	636166	15	1	37	22.32	20.72	0.118
DFT-s-OFDM PI/2 BPSK	3542.49	636166	15	18	9	23.25	21.65	0.146
DFT-s-OFDM PI/2 BPSK	3542.49	636166	15	36	0	22.51	20.91	0.123
DFT-s-OFDM QPSK	3542.49	636166	15	1	0	22.56	20.96	0.125
DFT-s-OFDM QPSK	3542.49	636166	15	1	37	23.49	21.89	0.155
DFT-s-OFDM QPSK	3542.49	636166	15	18	9	23.02	21.42	0.139
DFT-s-OFDM QPSK	3542.49	636166	15	36	0	23.07	21.47	0.140
DFT-s-OFDM 16QAM	3542.49	636166	15	1	0	22.32	20.72	0.118
DFT-s-OFDM 16QAM	3542.49	636166	15	1	37	23.25	21.65	0.146
DFT-s-OFDM 16QAM	3542.49	636166	15	18	9	22.50	20.90	0.123
DFT-s-OFDM 16QAM	3542.49	636166	15	36	0	23.43	21.83	0.152
DFT-s-OFDM 64QAM	3542.49	636166	15	1	0	22.68	21.08	0.128
DFT-s-OFDM 64QAM	3542.49	636166	15	1	37	23.01	21.41	0.138
DFT-s-OFDM 64QAM	3542.49	636166	15	18	9	22.26	20.66	0.116
DFT-s-OFDM 64QAM	3542.49	636166	15	36	0	23.19	21.59	0.144
DFT-s-OFDM 256QAM	3542.49	636166	15	1	0	22.44	20.84	0.121
DFT-s-OFDM 256QAM	3542.49	636166	15	1	37	23.37	21.77	0.150
DFT-s-OFDM 256QAM	3542.49	636166	15	18	9	22.02	20.42	0.110
DFT-s-OFDM 256QAM	3542.49	636166	15	36	0	22.95	21.35	0.136
CP-OFDM QPSK	3542.49	636166	15	1	0	22.20	20.60	0.115
CP-OFDM QPSK	3542.49	636166	15	1	37	22.25	20.65	0.116
CP-OFDM QPSK	3542.49	636166	15	19	9	23.19	21.59	0.144
CP-OFDM QPSK	3542.49	636166	15	38	0	22.44	20.84	0.121
CP-OFDM 16QAM	3542.49	636166	15	1	0	23.37	21.77	0.150
CP-OFDM 16QAM	3542.49	636166	15	1	37	22.62	21.02	0.126
CP-OFDM 16QAM	3542.49	636166	15	19	9	23.55	21.95	0.157
CP-OFDM 16QAM	3542.49	636166	15	38	0	22.80	21.20	0.132
CP-OFDM 64QAM	3542.49	636166	15	1	0	23.13	21.53	0.142
CP-OFDM 64QAM	3542.49	636166	15	1	37	22.38	20.78	0.120
CP-OFDM 64QAM	3542.49	636166	15	19	9	23.31	21.71	0.148
CP-OFDM 64QAM	3542.49	636166	15	38	0	22.56	20.96	0.125
CP-OFDM 256QAM	3542.49	636166	15	1	0	22.61	21.01	0.126
CP-OFDM 256QAM	3542.49	636166	15	1	37	23.54	21.94	0.156
CP-OFDM 256QAM	3542.49	636166	15	19	9	22.79	21.19	0.132
CP-OFDM 256QAM	3542.49	636166	15	38	0	22.04	20.44	0.111

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	3460.02	630668	20	1	0	22.08	20.48	0.112
DFT-s-OFDM PI/2 BPSK	3460.02	630668	20	1	50	22.41	20.81	0.121
DFT-s-OFDM PI/2 BPSK	3460.02	630668	20	25	12	23.01	21.41	0.138
DFT-s-OFDM PI/2 BPSK	3460.02	630668	20	50	0	23.34	21.74	0.149
DFT-s-OFDM QPSK	3460.02	630668	20	1	0	23.66	22.06	0.161
DFT-s-OFDM QPSK	3460.02	630668	20	1	50	22.59	20.99	0.126

DFT-s-OFDM QPSK	3460.02	630668	20	25	12	22.92	21.32	0.136
DFT-s-OFDM QPSK	3460.02	630668	20	50	0	23.24	21.64	0.146
DFT-s-OFDM 16QAM	3460.02	630668	20	1	0	23.57	21.97	0.157
DFT-s-OFDM 16QAM	3460.02	630668	20	1	50	23.10	21.50	0.141
DFT-s-OFDM 16QAM	3460.02	630668	20	25	12	22.82	21.22	0.132
DFT-s-OFDM 16QAM	3460.02	630668	20	50	0	22.35	20.75	0.119
DFT-s-OFDM 64QAM	3460.02	630668	20	1	0	22.68	21.08	0.128
DFT-s-OFDM 64QAM	3460.02	630668	20	1	50	23.00	21.40	0.138
DFT-s-OFDM 64QAM	3460.02	630668	20	25	12	23.33	21.73	0.149
DFT-s-OFDM 64QAM	3460.02	630668	20	50	0	22.25	20.65	0.116
DFT-s-OFDM 256QAM	3460.02	630668	20	1	0	22.58	20.98	0.125
DFT-s-OFDM 256QAM	3460.02	630668	20	1	50	22.91	21.31	0.135
DFT-s-OFDM 256QAM	3460.02	630668	20	25	12	23.51	21.91	0.155
DFT-s-OFDM 256QAM	3460.02	630668	20	50	0	22.16	20.56	0.114
CP-OFDM QPSK	3460.02	630668	20	1	0	23.37	21.77	0.150
CP-OFDM QPSK	3460.02	630668	20	1	50	23.09	21.49	0.141
CP-OFDM QPSK	3460.02	630668	20	25	12	23.42	21.82	0.152
CP-OFDM QPSK	3460.02	630668	20	51	0	22.94	21.34	0.136
CP-OFDM 16QAM	3460.02	630668	20	1	0	23.27	21.67	0.147
CP-OFDM 16QAM	3460.02	630668	20	1	50	23.60	22.00	0.158
CP-OFDM 16QAM	3460.02	630668	20	25	12	22.25	20.65	0.116
CP-OFDM 16QAM	3460.02	630668	20	51	0	22.85	21.25	0.133
CP-OFDM 64QAM	3460.02	630668	20	1	0	23.18	21.58	0.144
CP-OFDM 64QAM	3460.02	630668	20	1	50	22.70	21.10	0.129
CP-OFDM 64QAM	3460.02	630668	20	25	12	23.03	21.43	0.139
CP-OFDM 64QAM	3460.02	630668	20	51	0	22.76	21.16	0.131
CP-OFDM 256QAM	3460.02	630668	20	1	0	22.28	20.68	0.117
CP-OFDM 256QAM	3460.02	630668	20	1	50	22.61	21.01	0.126
CP-OFDM 256QAM	3460.02	630668	20	25	12	22.94	21.34	0.136
CP-OFDM 256QAM	3460.02	630668	20	51	0	23.27	21.67	0.147
DFT-s-OFDM PI/2 BPSK	3500.01	633334	20	1	0	23.66	22.06	0.161
DFT-s-OFDM PI/2 BPSK	3500.01	633334	20	1	50	22.31	20.71	0.118
DFT-s-OFDM PI/2 BPSK	3500.01	633334	20	25	12	23.24	21.64	0.146
DFT-s-OFDM PI/2 BPSK	3500.01	633334	20	50	0	23.57	21.97	0.157
DFT-s-OFDM QPSK	3500.01	633334	20	1	0	23.09	21.49	0.141
DFT-s-OFDM QPSK	3500.01	633334	20	1	50	23.42	21.82	0.152
DFT-s-OFDM QPSK	3500.01	633334	20	25	12	22.07	20.47	0.111
DFT-s-OFDM QPSK	3500.01	633334	20	50	0	23.00	21.40	0.138
DFT-s-OFDM 16QAM	3500.01	633334	20	1	0	23.33	21.73	0.149
DFT-s-OFDM 16QAM	3500.01	633334	20	1	50	22.58	20.98	0.125
DFT-s-OFDM 16QAM	3500.01	633334	20	25	12	22.90	21.30	0.135
DFT-s-OFDM 16QAM	3500.01	633334	20	50	0	22.43	20.83	0.121
DFT-s-OFDM 64QAM	3500.01	633334	20	1	0	22.76	21.16	0.131
DFT-s-OFDM 64QAM	3500.01	633334	20	1	50	23.09	21.49	0.141
DFT-s-OFDM 64QAM	3500.01	633334	20	25	12	22.34	20.74	0.119
DFT-s-OFDM 64QAM	3500.01	633334	20	50	0	22.66	21.06	0.128

DFT-s-OFDM 256QAM	3500.01	633334	20	1	0	22.99	21.39	0.138
DFT-s-OFDM 256QAM	3500.01	633334	20	1	50	22.24	20.64	0.116
DFT-s-OFDM 256QAM	3500.01	633334	20	25	12	23.45	21.85	0.153
DFT-s-OFDM 256QAM	3500.01	633334	20	50	0	22.10	20.50	0.112
CP-OFDM QPSK	3500.01	633334	20	1	0	22.42	20.82	0.121
CP-OFDM QPSK	3500.01	633334	20	1	50	23.36	21.76	0.150
CP-OFDM QPSK	3500.01	633334	20	25	12	23.68	22.08	0.161
CP-OFDM QPSK	3500.01	633334	20	51	0	22.33	20.73	0.118
CP-OFDM 16QAM	3500.01	633334	20	1	0	23.54	21.94	0.156
CP-OFDM 16QAM	3500.01	633334	20	1	50	22.79	21.19	0.132
CP-OFDM 16QAM	3500.01	633334	20	25	12	23.12	21.52	0.142
CP-OFDM 16QAM	3500.01	633334	20	51	0	22.37	20.77	0.119
CP-OFDM 64QAM	3500.01	633334	20	1	0	22.69	21.09	0.129
CP-OFDM 64QAM	3500.01	633334	20	1	50	23.02	21.42	0.139
CP-OFDM 64QAM	3500.01	633334	20	25	12	23.35	21.75	0.150
CP-OFDM 64QAM	3500.01	633334	20	51	0	22.60	21.00	0.126
CP-OFDM 256QAM	3500.01	633334	20	1	0	22.13	20.53	0.113
CP-OFDM 256QAM	3500.01	633334	20	1	50	22.45	20.85	0.122
CP-OFDM 256QAM	3500.01	633334	20	25	12	22.78	21.18	0.131
CP-OFDM 256QAM	3500.01	633334	20	51	0	22.03	20.43	0.110
DFT-s-OFDM PI/2 BPSK	3540	636000	20	1	0	22.10	20.50	0.112
DFT-s-OFDM PI/2 BPSK	3540	636000	20	1	50	22.16	20.56	0.114
DFT-s-OFDM PI/2 BPSK	3540	636000	20	25	12	23.09	21.49	0.141
DFT-s-OFDM PI/2 BPSK	3540	636000	20	50	0	22.34	20.74	0.119
DFT-s-OFDM QPSK	3540	636000	20	1	0	23.27	21.67	0.147
DFT-s-OFDM QPSK	3540	636000	20	1	50	23.60	22.00	0.158
DFT-s-OFDM QPSK	3540	636000	20	25	12	22.85	21.25	0.133
DFT-s-OFDM QPSK	3540	636000	20	50	0	22.10	20.50	0.112
DFT-s-OFDM 16QAM	3540	636000	20	1	0	23.03	21.43	0.139
DFT-s-OFDM 16QAM	3540	636000	20	1	50	22.28	20.68	0.117
DFT-s-OFDM 16QAM	3540	636000	20	25	12	23.21	21.61	0.145
DFT-s-OFDM 16QAM	3540	636000	20	50	0	23.54	21.94	0.156
DFT-s-OFDM 64QAM	3540	636000	20	1	0	22.79	21.19	0.132
DFT-s-OFDM 64QAM	3540	636000	20	1	50	22.04	20.44	0.111
DFT-s-OFDM 64QAM	3540	636000	20	25	12	22.97	21.37	0.137
DFT-s-OFDM 64QAM	3540	636000	20	50	0	23.02	21.42	0.139
DFT-s-OFDM 256QAM	3540	636000	20	1	0	22.27	20.67	0.117
DFT-s-OFDM 256QAM	3540	636000	20	1	50	23.20	21.60	0.145
DFT-s-OFDM 256QAM	3540	636000	20	25	12	22.45	20.85	0.122
DFT-s-OFDM 256QAM	3540	636000	20	50	0	22.78	21.18	0.131
CP-OFDM QPSK	3540	636000	20	1	0	22.03	20.43	0.110
CP-OFDM QPSK	3540	636000	20	1	50	22.96	21.36	0.137
CP-OFDM QPSK	3540	636000	20	25	12	22.21	20.61	0.115
CP-OFDM QPSK	3540	636000	20	51	0	23.15	21.55	0.143
CP-OFDM 16QAM	3540	636000	20	1	0	22.40	20.80	0.120
CP-OFDM 16QAM	3540	636000	20	1	50	23.33	21.73	0.149

CP-OFDM 16QAM	3540	636000	20	25	12	23.38	21.78	0.151
CP-OFDM 16QAM	3540	636000	20	51	0	22.63	21.03	0.127
CP-OFDM 64QAM	3540	636000	20	1	0	23.56	21.96	0.157
CP-OFDM 64QAM	3540	636000	20	1	50	22.21	20.61	0.115
CP-OFDM 64QAM	3540	636000	20	25	12	22.06	20.46	0.111
CP-OFDM 64QAM	3540	636000	20	51	0	22.39	20.79	0.120
CP-OFDM 256QAM	3540	636000	20	1	0	23.32	21.72	0.149
CP-OFDM 256QAM	3540	636000	20	1	50	22.57	20.97	0.125
CP-OFDM 256QAM	3540	636000	20	25	12	23.50	21.90	0.155
CP-OFDM 256QAM	3540	636000	20	51	0	22.75	21.15	0.130

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	3465	631000	30	1	0	22.96	21.36	0.137
DFT-s-OFDM PI/2 BPSK	3465	631000	30	1	77	23.57	21.97	0.157
DFT-s-OFDM PI/2 BPSK	3465	631000	30	36	18	22.21	20.61	0.115
DFT-s-OFDM PI/2 BPSK	3465	631000	30	75	0	23.42	21.82	0.152
DFT-s-OFDM QPSK	3465	631000	30	1	0	22.07	20.47	0.111
DFT-s-OFDM QPSK	3465	631000	30	1	77	23.47	21.87	0.154
DFT-s-OFDM QPSK	3465	631000	30	36	18	23.00	21.40	0.138
DFT-s-OFDM QPSK	3465	631000	30	75	0	23.33	21.73	0.149
DFT-s-OFDM 16QAM	3465	631000	30	1	0	23.65	22.05	0.160
DFT-s-OFDM 16QAM	3465	631000	30	1	77	22.30	20.70	0.117
DFT-s-OFDM 16QAM	3465	631000	30	36	18	22.90	21.30	0.135
DFT-s-OFDM 16QAM	3465	631000	30	75	0	23.23	21.63	0.146
DFT-s-OFDM 64QAM	3465	631000	30	1	0	22.76	21.16	0.131
DFT-s-OFDM 64QAM	3465	631000	30	1	77	23.09	21.49	0.141
DFT-s-OFDM 64QAM	3465	631000	30	36	18	23.41	21.81	0.152
DFT-s-OFDM 64QAM	3465	631000	30	75	0	22.34	20.74	0.119
DFT-s-OFDM 256QAM	3465	631000	30	1	0	22.66	21.06	0.128
DFT-s-OFDM 256QAM	3465	631000	30	1	77	22.99	21.39	0.138
DFT-s-OFDM 256QAM	3465	631000	30	36	18	23.32	21.72	0.149
DFT-s-OFDM 256QAM	3465	631000	30	75	0	22.85	21.25	0.133
CP-OFDM QPSK	3465	631000	30	1	0	22.57	20.97	0.125
CP-OFDM QPSK	3465	631000	30	1	77	22.10	20.50	0.112
CP-OFDM QPSK	3465	631000	30	39	19	22.42	20.82	0.121
CP-OFDM QPSK	3465	631000	30	78	0	22.75	21.15	0.130
CP-OFDM 16QAM	3465	631000	30	1	0	23.08	21.48	0.141
CP-OFDM 16QAM	3465	631000	30	1	77	23.68	22.08	0.161
CP-OFDM 16QAM	3465	631000	30	39	19	22.33	20.73	0.118
CP-OFDM 16QAM	3465	631000	30	78	0	22.66	21.06	0.128
CP-OFDM 64QAM	3465	631000	30	1	0	22.18	20.58	0.114
CP-OFDM 64QAM	3465	631000	30	1	77	23.59	21.99	0.158
CP-OFDM 64QAM	3465	631000	30	39	19	23.12	21.52	0.142
CP-OFDM 64QAM	3465	631000	30	78	0	23.44	21.84	0.153
CP-OFDM 256QAM	3465	631000	30	1	0	22.09	20.49	0.112

CP-OFDM 256QAM	3465	631000	30	1	77	22.42	20.82	0.121
CP-OFDM 256QAM	3465	631000	30	39	19	23.62	22.02	0.159
CP-OFDM 256QAM	3465	631000	30	78	0	23.35	21.75	0.150
DFT-s-OFDM PI/2 BPSK	3500.01	633334	30	1	0	23.29	21.69	0.148
DFT-s-OFDM PI/2 BPSK	3500.01	633334	30	1	77	23.62	22.02	0.159
DFT-s-OFDM PI/2 BPSK	3500.01	633334	30	36	18	23.14	21.54	0.143
DFT-s-OFDM PI/2 BPSK	3500.01	633334	30	75	0	23.47	21.87	0.154
DFT-s-OFDM QPSK	3500.01	633334	30	1	0	22.72	21.12	0.129
DFT-s-OFDM QPSK	3500.01	633334	30	1	77	23.05	21.45	0.140
DFT-s-OFDM QPSK	3500.01	633334	30	36	18	23.38	21.78	0.151
DFT-s-OFDM QPSK	3500.01	633334	30	75	0	22.03	20.43	0.110
DFT-s-OFDM 16QAM	3500.01	633334	30	1	0	22.96	21.36	0.137
DFT-s-OFDM 16QAM	3500.01	633334	30	1	77	22.48	20.88	0.122
DFT-s-OFDM 16QAM	3500.01	633334	30	36	18	22.81	21.21	0.132
DFT-s-OFDM 16QAM	3500.01	633334	30	75	0	22.06	20.46	0.111
DFT-s-OFDM 64QAM	3500.01	633334	30	1	0	22.39	20.79	0.120
DFT-s-OFDM 64QAM	3500.01	633334	30	1	77	22.72	21.12	0.129
DFT-s-OFDM 64QAM	3500.01	633334	30	36	18	23.65	22.05	0.160
DFT-s-OFDM 64QAM	3500.01	633334	30	75	0	22.30	20.70	0.117
DFT-s-OFDM 256QAM	3500.01	633334	30	1	0	23.50	21.90	0.155
DFT-s-OFDM 256QAM	3500.01	633334	30	1	77	22.15	20.55	0.114
DFT-s-OFDM 256QAM	3500.01	633334	30	36	18	23.08	21.48	0.141
DFT-s-OFDM 256QAM	3500.01	633334	30	75	0	23.41	21.81	0.152
CP-OFDM QPSK	3500.01	633334	30	1	0	22.06	20.46	0.111
CP-OFDM QPSK	3500.01	633334	30	1	77	22.38	20.78	0.120
CP-OFDM QPSK	3500.01	633334	30	39	19	23.59	21.99	0.158
CP-OFDM QPSK	3500.01	633334	30	78	0	22.84	21.24	0.133
CP-OFDM 16QAM	3500.01	633334	30	1	0	23.17	21.57	0.144
CP-OFDM 16QAM	3500.01	633334	30	1	77	23.50	21.90	0.155
CP-OFDM 16QAM	3500.01	633334	30	39	19	22.75	21.15	0.130
CP-OFDM 16QAM	3500.01	633334	30	78	0	23.08	21.48	0.141
CP-OFDM 64QAM	3500.01	633334	30	1	0	23.40	21.80	0.151
CP-OFDM 64QAM	3500.01	633334	30	1	77	22.65	21.05	0.127
CP-OFDM 64QAM	3500.01	633334	30	39	19	22.18	20.58	0.114
CP-OFDM 64QAM	3500.01	633334	30	78	0	22.51	20.91	0.123
CP-OFDM 256QAM	3500.01	633334	30	1	0	23.44	21.84	0.153
CP-OFDM 256QAM	3500.01	633334	30	1	77	22.09	20.49	0.112
CP-OFDM 256QAM	3500.01	633334	30	39	19	23.02	21.42	0.139
CP-OFDM 256QAM	3500.01	633334	30	78	0	23.34	21.74	0.149
DFT-s-OFDM PI/2 BPSK	3534.99	635666	30	1	0	22.26	20.66	0.116
DFT-s-OFDM PI/2 BPSK	3534.99	635666	30	1	77	23.19	21.59	0.144
DFT-s-OFDM PI/2 BPSK	3534.99	635666	30	36	18	22.44	20.84	0.121
DFT-s-OFDM PI/2 BPSK	3534.99	635666	30	75	0	23.37	21.77	0.150
DFT-s-OFDM QPSK	3534.99	635666	30	1	0	22.62	21.02	0.126
DFT-s-OFDM QPSK	3534.99	635666	30	1	77	23.28	21.68	0.147
DFT-s-OFDM QPSK	3534.99	635666	30	36	18	22.81	21.21	0.132

DFT-s-OFDM QPSK	3534.99	635666	30	75	0	22.06	20.46	0.111
DFT-s-OFDM 16QAM	3534.99	635666	30	1	0	22.11	20.51	0.112
DFT-s-OFDM 16QAM	3534.99	635666	30	1	77	23.04	21.44	0.139
DFT-s-OFDM 16QAM	3534.99	635666	30	36	18	22.29	20.69	0.117
DFT-s-OFDM 16QAM	3534.99	635666	30	75	0	23.22	21.62	0.145
DFT-s-OFDM 64QAM	3534.99	635666	30	1	0	22.47	20.87	0.122
DFT-s-OFDM 64QAM	3534.99	635666	30	1	77	23.40	21.80	0.151
DFT-s-OFDM 64QAM	3534.99	635666	30	36	18	22.65	21.05	0.127
DFT-s-OFDM 64QAM	3534.99	635666	30	75	0	23.58	21.98	0.158
DFT-s-OFDM 256QAM	3534.99	635666	30	1	0	22.56	20.96	0.125
DFT-s-OFDM 256QAM	3534.99	635666	30	1	77	23.49	21.89	0.155
DFT-s-OFDM 256QAM	3534.99	635666	30	36	18	22.74	21.14	0.130
DFT-s-OFDM 256QAM	3534.99	635666	30	75	0	23.67	22.07	0.161
CP-OFDM QPSK	3534.99	635666	30	1	0	22.92	21.32	0.136
CP-OFDM QPSK	3534.99	635666	30	1	77	22.98	21.38	0.137
CP-OFDM QPSK	3534.99	635666	30	39	19	22.23	20.63	0.116
CP-OFDM QPSK	3534.99	635666	30	78	0	23.16	21.56	0.143
CP-OFDM 16QAM	3534.99	635666	30	1	0	22.41	20.81	0.121
CP-OFDM 16QAM	3534.99	635666	30	1	77	23.34	21.74	0.149
CP-OFDM 16QAM	3534.99	635666	30	39	19	22.59	20.99	0.126
CP-OFDM 16QAM	3534.99	635666	30	78	0	23.52	21.92	0.156
CP-OFDM 64QAM	3534.99	635666	30	1	0	22.77	21.17	0.131
CP-OFDM 64QAM	3534.99	635666	30	1	77	22.82	21.22	0.132
CP-OFDM 64QAM	3534.99	635666	30	39	19	22.08	20.48	0.112
CP-OFDM 64QAM	3534.99	635666	30	78	0	23.01	21.41	0.138
CP-OFDM 256QAM	3534.99	635666	30	1	0	22.26	20.66	0.116
CP-OFDM 256QAM	3534.99	635666	30	1	77	23.19	21.59	0.144
CP-OFDM 256QAM	3534.99	635666	30	39	19	22.44	20.84	0.121
CP-OFDM 256QAM	3534.99	635666	30	78	0	23.37	21.77	0.150

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	3470.01	631334	40	1	0	23.65	22.05	0.160
DFT-s-OFDM PI/2 BPSK	3470.01	631334	40	1	105	22.30	20.70	0.117
DFT-s-OFDM PI/2 BPSK	3470.01	631334	40	50	25	22.62	21.02	0.126
DFT-s-OFDM PI/2 BPSK	3470.01	631334	40	100	0	22.15	20.55	0.114
DFT-s-OFDM QPSK	3470.01	631334	40	1	0	22.48	20.88	0.122
DFT-s-OFDM QPSK	3470.01	631334	40	1	105	22.81	21.21	0.132
DFT-s-OFDM QPSK	3470.01	631334	40	50	25	23.13	21.53	0.142
DFT-s-OFDM QPSK	3470.01	631334	40	100	0	22.66	21.06	0.128
DFT-s-OFDM 16QAM	3470.01	631334	40	1	0	22.38	20.78	0.120
DFT-s-OFDM 16QAM	3470.01	631334	40	1	105	22.71	21.11	0.129
DFT-s-OFDM 16QAM	3470.01	631334	40	50	25	22.24	20.64	0.116
DFT-s-OFDM 16QAM	3470.01	631334	40	100	0	22.57	20.97	0.125
DFT-s-OFDM 64QAM	3470.01	631334	40	1	0	22.89	21.29	0.135
DFT-s-OFDM 64QAM	3470.01	631334	40	1	105	23.22	21.62	0.145

DFT-s-OFDM 64QAM	3470.01	631334	40	50	25	22.75	21.15	0.130
DFT-s-OFDM 64QAM	3470.01	631334	40	100	0	23.07	21.47	0.140
DFT-s-OFDM 256QAM	3470.01	631334	40	1	0	23.40	21.80	0.151
DFT-s-OFDM 256QAM	3470.01	631334	40	1	105	22.05	20.45	0.111
DFT-s-OFDM 256QAM	3470.01	631334	40	50	25	23.26	21.66	0.147
DFT-s-OFDM 256QAM	3470.01	631334	40	100	0	23.58	21.98	0.158
CP-OFDM QPSK	3470.01	631334	40	1	0	22.23	20.63	0.116
CP-OFDM QPSK	3470.01	631334	40	1	105	22.83	21.23	0.133
CP-OFDM QPSK	3470.01	631334	40	53	26	23.16	21.56	0.143
CP-OFDM QPSK	3470.01	631334	40	106	0	23.49	21.89	0.155
CP-OFDM 16QAM	3470.01	631334	40	1	0	23.02	21.42	0.139
CP-OFDM 16QAM	3470.01	631334	40	1	105	23.34	21.74	0.149
CP-OFDM 16QAM	3470.01	631334	40	53	26	23.67	22.07	0.161
CP-OFDM 16QAM	3470.01	631334	40	106	0	22.32	20.72	0.118
CP-OFDM 64QAM	3470.01	631334	40	1	0	23.53	21.93	0.156
CP-OFDM 64QAM	3470.01	631334	40	1	105	23.25	21.65	0.146
CP-OFDM 64QAM	3470.01	631334	40	53	26	23.58	21.98	0.158
CP-OFDM 64QAM	3470.01	631334	40	106	0	23.10	21.50	0.141
CP-OFDM 256QAM	3470.01	631334	40	1	0	23.43	21.83	0.152
CP-OFDM 256QAM	3470.01	631334	40	1	105	22.08	20.48	0.112
CP-OFDM 256QAM	3470.01	631334	40	53	26	22.41	20.81	0.121
CP-OFDM 256QAM	3470.01	631334	40	106	0	23.61	22.01	0.159
DFT-s-OFDM PI/2 BPSK	3500.01	633334	40	1	0	22.92	21.32	0.136
DFT-s-OFDM PI/2 BPSK	3500.01	633334	40	1	105	22.17	20.57	0.114
DFT-s-OFDM PI/2 BPSK	3500.01	633334	40	50	25	22.50	20.90	0.123
DFT-s-OFDM PI/2 BPSK	3500.01	633334	40	100	0	22.03	20.43	0.110
DFT-s-OFDM QPSK	3500.01	633334	40	1	0	22.08	20.48	0.112
DFT-s-OFDM QPSK	3500.01	633334	40	1	105	23.29	21.69	0.148
DFT-s-OFDM QPSK	3500.01	633334	40	50	25	23.61	22.01	0.159
DFT-s-OFDM QPSK	3500.01	633334	40	100	0	22.26	20.66	0.116
DFT-s-OFDM 16QAM	3500.01	633334	40	1	0	23.19	21.59	0.144
DFT-s-OFDM 16QAM	3500.01	633334	40	1	105	22.44	20.84	0.121
DFT-s-OFDM 16QAM	3500.01	633334	40	50	25	22.77	21.17	0.131
DFT-s-OFDM 16QAM	3500.01	633334	40	100	0	23.10	21.50	0.141
DFT-s-OFDM 64QAM	3500.01	633334	40	1	0	22.35	20.75	0.119
DFT-s-OFDM 64QAM	3500.01	633334	40	1	105	23.56	21.96	0.157
DFT-s-OFDM 64QAM	3500.01	633334	40	50	25	22.20	20.60	0.115
DFT-s-OFDM 64QAM	3500.01	633334	40	100	0	23.13	21.53	0.142
DFT-s-OFDM 256QAM	3500.01	633334	40	1	0	23.46	21.86	0.153
DFT-s-OFDM 256QAM	3500.01	633334	40	1	105	22.71	21.11	0.129
DFT-s-OFDM 256QAM	3500.01	633334	40	50	25	23.04	21.44	0.139
DFT-s-OFDM 256QAM	3500.01	633334	40	100	0	23.37	21.77	0.150
CP-OFDM QPSK	3500.01	633334	40	1	0	22.62	21.02	0.126
CP-OFDM QPSK	3500.01	633334	40	1	105	22.95	21.35	0.136
CP-OFDM QPSK	3500.01	633334	40	53	26	22.20	20.60	0.115
CP-OFDM QPSK	3500.01	633334	40	106	0	23.40	21.80	0.151

CP-OFDM 16QAM	3500.01	633334	40	1	0	22.05	20.45	0.111
CP-OFDM 16QAM	3500.01	633334	40	1	105	22.98	21.38	0.137
CP-OFDM 16QAM	3500.01	633334	40	53	26	23.31	21.71	0.148
CP-OFDM 16QAM	3500.01	633334	40	106	0	23.64	22.04	0.160
CP-OFDM 64QAM	3500.01	633334	40	1	0	22.89	21.29	0.135
CP-OFDM 64QAM	3500.01	633334	40	1	105	23.22	21.62	0.145
CP-OFDM 64QAM	3500.01	633334	40	53	26	22.47	20.87	0.122
CP-OFDM 64QAM	3500.01	633334	40	106	0	22.79	21.19	0.132
CP-OFDM 256QAM	3500.01	633334	40	1	0	22.32	20.72	0.118
CP-OFDM 256QAM	3500.01	633334	40	1	105	23.25	21.65	0.146
CP-OFDM 256QAM	3500.01	633334	40	53	26	23.58	21.98	0.158
CP-OFDM 256QAM	3500.01	633334	40	106	0	22.23	20.63	0.116
DFT-s-OFDM PI/2 BPSK	3529.98	635332	40	1	0	22.88	21.28	0.134
DFT-s-OFDM PI/2 BPSK	3529.98	635332	40	1	105	22.73	21.13	0.130
DFT-s-OFDM PI/2 BPSK	3529.98	635332	40	50	25	23.66	22.06	0.161
DFT-s-OFDM PI/2 BPSK	3529.98	635332	40	100	0	22.91	21.31	0.135
DFT-s-OFDM QPSK	3529.98	635332	40	1	0	23.57	21.97	0.157
DFT-s-OFDM QPSK	3529.98	635332	40	1	105	22.82	21.22	0.132
DFT-s-OFDM QPSK	3529.98	635332	40	50	25	22.07	20.47	0.111
DFT-s-OFDM QPSK	3529.98	635332	40	100	0	23.00	21.40	0.138
DFT-s-OFDM 16QAM	3529.98	635332	40	1	0	22.25	20.65	0.116
DFT-s-OFDM 16QAM	3529.98	635332	40	1	105	22.58	20.98	0.125
DFT-s-OFDM 16QAM	3529.98	635332	40	50	25	23.23	21.63	0.146
DFT-s-OFDM 16QAM	3529.98	635332	40	100	0	22.49	20.89	0.123
DFT-s-OFDM 64QAM	3529.98	635332	40	1	0	23.42	21.82	0.152
DFT-s-OFDM 64QAM	3529.98	635332	40	1	105	22.67	21.07	0.128
DFT-s-OFDM 64QAM	3529.98	635332	40	50	25	23.60	22.00	0.158
DFT-s-OFDM 64QAM	3529.98	635332	40	100	0	22.85	21.25	0.133
DFT-s-OFDM 256QAM	3529.98	635332	40	1	0	22.10	20.50	0.112
DFT-s-OFDM 256QAM	3529.98	635332	40	1	105	23.03	21.43	0.139
DFT-s-OFDM 256QAM	3529.98	635332	40	50	25	23.08	21.48	0.141
DFT-s-OFDM 256QAM	3529.98	635332	40	100	0	22.33	20.73	0.118
CP-OFDM QPSK	3529.98	635332	40	1	0	23.26	21.66	0.147
CP-OFDM QPSK	3529.98	635332	40	1	105	22.51	20.91	0.123
CP-OFDM QPSK	3529.98	635332	40	53	26	23.45	21.85	0.153
CP-OFDM QPSK	3529.98	635332	40	106	0	22.70	21.10	0.129
CP-OFDM 16QAM	3529.98	635332	40	1	0	23.63	22.03	0.160
CP-OFDM 16QAM	3529.98	635332	40	1	105	22.28	20.68	0.117
CP-OFDM 16QAM	3529.98	635332	40	53	26	23.21	21.61	0.145
CP-OFDM 16QAM	3529.98	635332	40	106	0	22.46	20.86	0.122
CP-OFDM 64QAM	3529.98	635332	40	1	0	23.11	21.51	0.142
CP-OFDM 64QAM	3529.98	635332	40	1	105	22.36	20.76	0.119
CP-OFDM 64QAM	3529.98	635332	40	53	26	23.29	21.69	0.148
CP-OFDM 64QAM	3529.98	635332	40	106	0	22.54	20.94	0.124
CP-OFDM 256QAM	3529.98	635332	40	1	0	23.48	21.88	0.154
CP-OFDM 256QAM	3529.98	635332	40	1	105	22.73	21.13	0.130

CP-OFDM 256QAM	3529.98	635332	40	53	26	23.05	21.45	0.140
CP-OFDM 256QAM	3529.98	635332	40	106	0	22.30	20.70	0.117

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	3475.02	631668	50	1	0	22.56	20.96	0.125
DFT-s-OFDM PI/2 BPSK	3475.02	631668	50	1	132	22.89	21.29	0.135
DFT-s-OFDM PI/2 BPSK	3475.02	631668	50	64	32	23.22	21.62	0.145
DFT-s-OFDM PI/2 BPSK	3475.02	631668	50	128	0	23.54	21.94	0.156
DFT-s-OFDM QPSK	3475.02	631668	50	1	0	23.07	21.47	0.140
DFT-s-OFDM QPSK	3475.02	631668	50	1	132	23.40	21.80	0.151
DFT-s-OFDM QPSK	3475.02	631668	50	64	32	22.05	20.45	0.111
DFT-s-OFDM QPSK	3475.02	631668	50	128	0	22.37	20.77	0.119
DFT-s-OFDM 16QAM	3475.02	631668	50	1	0	22.98	21.38	0.137
DFT-s-OFDM 16QAM	3475.02	631668	50	1	132	23.30	21.70	0.148
DFT-s-OFDM 16QAM	3475.02	631668	50	64	32	23.63	22.03	0.160
DFT-s-OFDM 16QAM	3475.02	631668	50	128	0	23.16	21.56	0.143
DFT-s-OFDM 64QAM	3475.02	631668	50	1	0	23.49	21.89	0.155
DFT-s-OFDM 64QAM	3475.02	631668	50	1	132	22.13	20.53	0.113
DFT-s-OFDM 64QAM	3475.02	631668	50	64	32	22.46	20.86	0.122
DFT-s-OFDM 64QAM	3475.02	631668	50	128	0	23.67	22.07	0.161
DFT-s-OFDM 256QAM	3475.02	631668	50	1	0	22.31	20.71	0.118
DFT-s-OFDM 256QAM	3475.02	631668	50	1	132	22.64	21.04	0.127
DFT-s-OFDM 256QAM	3475.02	631668	50	64	32	23.25	21.65	0.146
DFT-s-OFDM 256QAM	3475.02	631668	50	128	0	23.57	21.97	0.157
CP-OFDM QPSK	3475.02	631668	50	1	0	22.22	20.62	0.115
CP-OFDM QPSK	3475.02	631668	50	1	132	23.43	21.83	0.152
CP-OFDM QPSK	3475.02	631668	50	67	33	22.07	20.47	0.111
CP-OFDM QPSK	3475.02	631668	50	133	0	22.40	20.80	0.120
CP-OFDM 16QAM	3475.02	631668	50	1	0	23.01	21.41	0.138
CP-OFDM 16QAM	3475.02	631668	50	1	132	23.33	21.73	0.149
CP-OFDM 16QAM	3475.02	631668	50	67	33	23.66	22.06	0.161
CP-OFDM 16QAM	3475.02	631668	50	133	0	22.31	20.71	0.118
CP-OFDM 64QAM	3475.02	631668	50	1	0	23.51	21.91	0.155
CP-OFDM 64QAM	3475.02	631668	50	1	132	22.16	20.56	0.114
CP-OFDM 64QAM	3475.02	631668	50	67	33	22.49	20.89	0.123
CP-OFDM 64QAM	3475.02	631668	50	133	0	22.82	21.22	0.132
CP-OFDM 256QAM	3475.02	631668	50	1	0	22.34	20.74	0.119
CP-OFDM 256QAM	3475.02	631668	50	1	132	22.07	20.47	0.111
CP-OFDM 256QAM	3475.02	631668	50	67	33	23.27	21.67	0.147
CP-OFDM 256QAM	3475.02	631668	50	133	0	23.60	22.00	0.158
DFT-s-OFDM PI/2 BPSK	3500.01	633334	50	1	0	22.41	20.81	0.121
DFT-s-OFDM PI/2 BPSK	3500.01	633334	50	1	132	22.74	21.14	0.130
DFT-s-OFDM PI/2 BPSK	3500.01	633334	50	64	32	23.67	22.07	0.161
DFT-s-OFDM PI/2 BPSK	3500.01	633334	50	128	0	22.31	20.71	0.118
DFT-s-OFDM QPSK	3500.01	633334	50	1	0	22.64	21.04	0.127

DFT-s-OFDM QPSK	3500.01	633334	50	1	132	23.57	21.97	0.157
DFT-s-OFDM QPSK	3500.01	633334	50	64	32	23.10	21.50	0.141
DFT-s-OFDM QPSK	3500.01	633334	50	128	0	23.43	21.83	0.152
DFT-s-OFDM 16QAM	3500.01	633334	50	1	0	22.68	21.08	0.128
DFT-s-OFDM 16QAM	3500.01	633334	50	1	132	23.01	21.41	0.138
DFT-s-OFDM 16QAM	3500.01	633334	50	64	32	22.26	20.66	0.116
DFT-s-OFDM 16QAM	3500.01	633334	50	128	0	22.58	20.98	0.125
DFT-s-OFDM 64QAM	3500.01	633334	50	1	0	23.51	21.91	0.155
DFT-s-OFDM 64QAM	3500.01	633334	50	1	132	22.16	20.56	0.114
DFT-s-OFDM 64QAM	3500.01	633334	50	64	32	23.09	21.49	0.141
DFT-s-OFDM 64QAM	3500.01	633334	50	128	0	23.42	21.82	0.152
DFT-s-OFDM 256QAM	3500.01	633334	50	1	0	22.67	21.07	0.128
DFT-s-OFDM 256QAM	3500.01	633334	50	1	132	23.00	21.40	0.138
DFT-s-OFDM 256QAM	3500.01	633334	50	64	32	22.25	20.65	0.116
DFT-s-OFDM 256QAM	3500.01	633334	50	128	0	23.46	21.86	0.153
CP-OFDM QPSK	3500.01	633334	50	1	0	22.10	20.50	0.112
CP-OFDM QPSK	3500.01	633334	50	1	132	23.03	21.43	0.139
CP-OFDM QPSK	3500.01	633334	50	67	33	23.36	21.76	0.150
CP-OFDM QPSK	3500.01	633334	50	133	0	22.01	20.41	0.110
CP-OFDM 16QAM	3500.01	633334	50	1	0	22.94	21.34	0.136
CP-OFDM 16QAM	3500.01	633334	50	1	132	23.27	21.67	0.147
CP-OFDM 16QAM	3500.01	633334	50	67	33	22.52	20.92	0.124
CP-OFDM 16QAM	3500.01	633334	50	133	0	22.85	21.25	0.133
CP-OFDM 64QAM	3500.01	633334	50	1	0	22.37	20.77	0.119
CP-OFDM 64QAM	3500.01	633334	50	1	132	23.30	21.70	0.148
CP-OFDM 64QAM	3500.01	633334	50	67	33	23.63	22.03	0.160
CP-OFDM 64QAM	3500.01	633334	50	133	0	22.88	21.28	0.134
CP-OFDM 256QAM	3500.01	633334	50	1	0	23.21	21.61	0.145
CP-OFDM 256QAM	3500.01	633334	50	1	132	22.46	20.86	0.122
CP-OFDM 256QAM	3500.01	633334	50	67	33	22.79	21.19	0.132
CP-OFDM 256QAM	3500.01	633334	50	133	0	23.12	21.52	0.142
DFT-s-OFDM PI/2 BPSK	3525	635000	50	1	0	23.02	21.42	0.139
DFT-s-OFDM PI/2 BPSK	3525	635000	50	1	132	22.27	20.67	0.117
DFT-s-OFDM PI/2 BPSK	3525	635000	50	64	32	22.32	20.72	0.118
DFT-s-OFDM PI/2 BPSK	3525	635000	50	128	0	23.25	21.65	0.146
DFT-s-OFDM QPSK	3525	635000	50	1	0	23.11	21.51	0.142
DFT-s-OFDM QPSK	3525	635000	50	1	132	22.36	20.76	0.119
DFT-s-OFDM QPSK	3525	635000	50	64	32	23.29	21.69	0.148
DFT-s-OFDM QPSK	3525	635000	50	128	0	23.34	21.74	0.149
DFT-s-OFDM 16QAM	3525	635000	50	1	0	22.59	20.99	0.126
DFT-s-OFDM 16QAM	3525	635000	50	1	132	23.52	21.92	0.156
DFT-s-OFDM 16QAM	3525	635000	50	64	32	22.77	21.17	0.131
DFT-s-OFDM 16QAM	3525	635000	50	128	0	22.02	20.42	0.110
DFT-s-OFDM 64QAM	3525	635000	50	1	0	22.95	21.35	0.136
DFT-s-OFDM 64QAM	3525	635000	50	1	132	22.21	20.61	0.115
DFT-s-OFDM 64QAM	3525	635000	50	64	32	23.14	21.54	0.143

DFT-s-OFDM 64QAM	3525	635000	50	128	0	23.19	21.59	0.144
DFT-s-OFDM 256QAM	3525	635000	50	1	0	22.44	20.84	0.121
DFT-s-OFDM 256QAM	3525	635000	50	1	132	23.37	21.77	0.150
DFT-s-OFDM 256QAM	3525	635000	50	64	32	22.62	21.02	0.126
DFT-s-OFDM 256QAM	3525	635000	50	128	0	23.55	21.95	0.157
CP-OFDM QPSK	3525	635000	50	1	0	22.80	21.20	0.132
CP-OFDM QPSK	3525	635000	50	1	132	22.05	20.45	0.111
CP-OFDM QPSK	3525	635000	50	67	33	22.71	21.11	0.129
CP-OFDM QPSK	3525	635000	50	133	0	23.64	22.04	0.160
CP-OFDM 16QAM	3525	635000	50	1	0	22.29	20.69	0.117
CP-OFDM 16QAM	3525	635000	50	1	132	23.22	21.62	0.145
CP-OFDM 16QAM	3525	635000	50	67	33	22.47	20.87	0.122
CP-OFDM 16QAM	3525	635000	50	133	0	23.40	21.80	0.151
CP-OFDM 64QAM	3525	635000	50	1	0	22.65	21.05	0.127
CP-OFDM 64QAM	3525	635000	50	1	132	23.31	21.71	0.148
CP-OFDM 64QAM	3525	635000	50	67	33	22.56	20.96	0.125
CP-OFDM 64QAM	3525	635000	50	133	0	23.49	21.89	0.155
CP-OFDM 256QAM	3525	635000	50	1	0	22.74	21.14	0.130
CP-OFDM 256QAM	3525	635000	50	1	132	23.67	22.07	0.161
CP-OFDM 256QAM	3525	635000	50	67	33	22.65	21.05	0.127
CP-OFDM 256QAM	3525	635000	50	133	0	22.17	20.57	0.114

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	3480	632000	60	1	0	22.27	20.67	0.117
DFT-s-OFDM PI/2 BPSK	3480	632000	60	1	161	22.88	21.28	0.134
DFT-s-OFDM PI/2 BPSK	3480	632000	60	81	40	23.20	21.60	0.145
DFT-s-OFDM PI/2 BPSK	3480	632000	60	162	0	23.53	21.93	0.156
DFT-s-OFDM QPSK	3480	632000	60	1	0	23.06	21.46	0.140
DFT-s-OFDM QPSK	3480	632000	60	1	161	23.39	21.79	0.151
DFT-s-OFDM QPSK	3480	632000	60	81	40	22.03	20.43	0.110
DFT-s-OFDM QPSK	3480	632000	60	162	0	22.36	20.76	0.119
DFT-s-OFDM 16QAM	3480	632000	60	1	0	23.57	21.97	0.157
DFT-s-OFDM 16QAM	3480	632000	60	1	161	22.22	20.62	0.115
DFT-s-OFDM 16QAM	3480	632000	60	81	40	22.54	20.94	0.124
DFT-s-OFDM 16QAM	3480	632000	60	162	0	22.87	21.27	0.134
DFT-s-OFDM 64QAM	3480	632000	60	1	0	23.47	21.87	0.154
DFT-s-OFDM 64QAM	3480	632000	60	1	161	22.12	20.52	0.113
DFT-s-OFDM 64QAM	3480	632000	60	81	40	23.33	21.73	0.149
DFT-s-OFDM 64QAM	3480	632000	60	162	0	23.66	22.06	0.161
DFT-s-OFDM 256QAM	3480	632000	60	1	0	22.30	20.70	0.117
DFT-s-OFDM 256QAM	3480	632000	60	1	161	22.63	21.03	0.127
DFT-s-OFDM 256QAM	3480	632000	60	81	40	22.16	20.56	0.114
DFT-s-OFDM 256QAM	3480	632000	60	162	0	22.48	20.88	0.122
CP-OFDM QPSK	3480	632000	60	1	0	22.81	21.21	0.132
CP-OFDM QPSK	3480	632000	60	1	161	23.14	21.54	0.143

CP-OFDM QPSK	3480	632000	60	81	40	22.67	21.07	0.128
CP-OFDM QPSK	3480	632000	60	162	0	22.99	21.39	0.138
CP-OFDM 16QAM	3480	632000	60	1	0	22.72	21.12	0.129
CP-OFDM 16QAM	3480	632000	60	1	161	22.24	20.64	0.116
CP-OFDM 16QAM	3480	632000	60	81	40	23.18	21.58	0.144
CP-OFDM 16QAM	3480	632000	60	162	0	22.90	21.30	0.135
CP-OFDM 64QAM	3480	632000	60	1	0	23.23	21.63	0.146
CP-OFDM 64QAM	3480	632000	60	1	161	22.75	21.15	0.130
CP-OFDM 64QAM	3480	632000	60	81	40	23.68	22.08	0.161
CP-OFDM 64QAM	3480	632000	60	162	0	22.33	20.73	0.118
CP-OFDM 256QAM	3480	632000	60	1	0	22.06	20.46	0.111
CP-OFDM 256QAM	3480	632000	60	1	161	23.26	21.66	0.147
CP-OFDM 256QAM	3480	632000	60	81	40	23.59	21.99	0.158
CP-OFDM 256QAM	3480	632000	60	162	0	22.24	20.64	0.116
DFT-s-OFDM PI/2 BPSK	3500.01	633334	60	1	0	23.30	21.70	0.148
DFT-s-OFDM PI/2 BPSK	3500.01	633334	60	1	161	23.63	22.03	0.160
DFT-s-OFDM PI/2 BPSK	3500.01	633334	60	81	40	22.88	21.28	0.134
DFT-s-OFDM PI/2 BPSK	3500.01	633334	60	162	0	23.21	21.61	0.145
DFT-s-OFDM QPSK	3500.01	633334	60	1	0	22.73	21.13	0.130
DFT-s-OFDM QPSK	3500.01	633334	60	1	161	23.66	22.06	0.161
DFT-s-OFDM QPSK	3500.01	633334	60	81	40	22.31	20.71	0.118
DFT-s-OFDM QPSK	3500.01	633334	60	162	0	23.24	21.64	0.146
DFT-s-OFDM 16QAM	3500.01	633334	60	1	0	23.57	21.97	0.157
DFT-s-OFDM 16QAM	3500.01	633334	60	1	161	22.82	21.22	0.132
DFT-s-OFDM 16QAM	3500.01	633334	60	81	40	23.15	21.55	0.143
DFT-s-OFDM 16QAM	3500.01	633334	60	162	0	22.40	20.80	0.120
DFT-s-OFDM 64QAM	3500.01	633334	60	1	0	22.73	21.13	0.130
DFT-s-OFDM 64QAM	3500.01	633334	60	1	161	23.66	22.06	0.161
DFT-s-OFDM 64QAM	3500.01	633334	60	81	40	22.30	20.70	0.117
DFT-s-OFDM 64QAM	3500.01	633334	60	162	0	23.23	21.63	0.146
DFT-s-OFDM 256QAM	3500.01	633334	60	1	0	23.56	21.96	0.157
DFT-s-OFDM 256QAM	3500.01	633334	60	1	161	22.81	21.21	0.132
DFT-s-OFDM 256QAM	3500.01	633334	60	81	40	22.34	20.74	0.119
DFT-s-OFDM 256QAM	3500.01	633334	60	162	0	22.67	21.07	0.128
CP-OFDM QPSK	3500.01	633334	60	1	0	23.60	22.00	0.158
CP-OFDM QPSK	3500.01	633334	60	1	161	22.85	21.25	0.133
CP-OFDM QPSK	3500.01	633334	60	81	40	23.18	21.58	0.144
CP-OFDM QPSK	3500.01	633334	60	162	0	23.50	21.90	0.155
CP-OFDM 16QAM	3500.01	633334	60	1	0	22.75	21.15	0.130
CP-OFDM 16QAM	3500.01	633334	60	1	161	23.08	21.48	0.141
CP-OFDM 16QAM	3500.01	633334	60	81	40	22.33	20.73	0.118
CP-OFDM 16QAM	3500.01	633334	60	162	0	23.26	21.66	0.147
CP-OFDM 64QAM	3500.01	633334	60	1	0	23.59	21.99	0.158
CP-OFDM 64QAM	3500.01	633334	60	1	161	22.24	20.64	0.116
CP-OFDM 64QAM	3500.01	633334	60	81	40	23.17	21.57	0.144
CP-OFDM 64QAM	3500.01	633334	60	162	0	22.70	21.10	0.129

CP-OFDM 256QAM	3500.01	633334	60	1	0	22.75	21.15	0.130
CP-OFDM 256QAM	3500.01	633334	60	1	161	22.27	20.67	0.117
CP-OFDM 256QAM	3500.01	633334	60	81	40	23.21	21.61	0.145
CP-OFDM 256QAM	3500.01	633334	60	162	0	23.53	21.93	0.156
DFT-s-OFDM PI/2 BPSK	3519.99	634666	60	1	0	22.89	21.29	0.135
DFT-s-OFDM PI/2 BPSK	3519.99	634666	60	1	161	22.94	21.34	0.136
DFT-s-OFDM PI/2 BPSK	3519.99	634666	60	81	40	22.79	21.19	0.132
DFT-s-OFDM PI/2 BPSK	3519.99	634666	60	162	0	22.04	20.44	0.111
DFT-s-OFDM QPSK	3519.99	634666	60	1	0	22.97	21.37	0.137
DFT-s-OFDM QPSK	3519.99	634666	60	1	161	22.22	20.62	0.115
DFT-s-OFDM QPSK	3519.99	634666	60	81	40	22.28	20.68	0.117
DFT-s-OFDM QPSK	3519.99	634666	60	162	0	22.13	20.53	0.113
DFT-s-OFDM 16QAM	3519.99	634666	60	1	0	23.06	21.46	0.140
DFT-s-OFDM 16QAM	3519.99	634666	60	1	161	22.04	20.44	0.111
DFT-s-OFDM 16QAM	3519.99	634666	60	81	40	22.97	21.37	0.137
DFT-s-OFDM 16QAM	3519.99	634666	60	162	0	22.22	20.62	0.115
DFT-s-OFDM 64QAM	3519.99	634666	60	1	0	23.15	21.55	0.143
DFT-s-OFDM 64QAM	3519.99	634666	60	1	161	22.40	20.80	0.120
DFT-s-OFDM 64QAM	3519.99	634666	60	81	40	23.33	21.73	0.149
DFT-s-OFDM 64QAM	3519.99	634666	60	162	0	22.31	20.71	0.118
DFT-s-OFDM 256QAM	3519.99	634666	60	1	0	23.24	21.64	0.146
DFT-s-OFDM 256QAM	3519.99	634666	60	1	161	22.49	20.89	0.123
DFT-s-OFDM 256QAM	3519.99	634666	60	81	40	23.42	21.82	0.152
DFT-s-OFDM 256QAM	3519.99	634666	60	162	0	22.39	20.79	0.120
CP-OFDM QPSK	3519.99	634666	60	1	0	23.32	21.72	0.149
CP-OFDM QPSK	3519.99	634666	60	1	161	22.58	20.98	0.125
CP-OFDM QPSK	3519.99	634666	60	81	40	23.51	21.91	0.155
CP-OFDM QPSK	3519.99	634666	60	162	0	22.76	21.16	0.131
CP-OFDM 16QAM	3519.99	634666	60	1	0	22.01	20.41	0.110
CP-OFDM 16QAM	3519.99	634666	60	1	161	22.66	21.06	0.128
CP-OFDM 16QAM	3519.99	634666	60	81	40	23.59	21.99	0.158
CP-OFDM 16QAM	3519.99	634666	60	162	0	22.84	21.24	0.133
CP-OFDM 64QAM	3519.99	634666	60	1	0	23.50	21.90	0.155
CP-OFDM 64QAM	3519.99	634666	60	1	161	22.75	21.15	0.130
CP-OFDM 64QAM	3519.99	634666	60	81	40	23.68	22.08	0.161
CP-OFDM 64QAM	3519.99	634666	60	162	0	22.93	21.33	0.136
CP-OFDM 256QAM	3519.99	634666	60	1	0	22.18	20.58	0.114
CP-OFDM 256QAM	3519.99	634666	60	1	161	23.11	21.51	0.142
CP-OFDM 256QAM	3519.99	634666	60	81	40	22.36	20.76	0.119
CP-OFDM 256QAM	3519.99	634666	60	162	0	23.30	21.70	0.148

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	3490.02	632668	80	1	0	23.19	21.59	0.144
DFT-s-OFDM PI/2 BPSK	3490.02	632668	80	1	216	22.72	21.12	0.129
DFT-s-OFDM PI/2 BPSK	3490.02	632668	80	108	54	23.05	21.45	0.140

DFT-s-OFDM PI/2 BPSK	3490.02	632668	80	216	0	23.38	21.78	0.151
DFT-s-OFDM QPSK	3490.02	632668	80	1	0	22.02	20.42	0.110
DFT-s-OFDM QPSK	3490.02	632668	80	1	216	23.23	21.63	0.146
DFT-s-OFDM QPSK	3490.02	632668	80	108	54	23.56	21.96	0.157
DFT-s-OFDM QPSK	3490.02	632668	80	216	0	22.20	20.60	0.115
DFT-s-OFDM 16QAM	3490.02	632668	80	1	0	22.53	20.93	0.124
DFT-s-OFDM 16QAM	3490.02	632668	80	1	216	22.06	20.46	0.111
DFT-s-OFDM 16QAM	3490.02	632668	80	108	54	22.39	20.79	0.120
DFT-s-OFDM 16QAM	3490.02	632668	80	216	0	22.71	21.11	0.129
DFT-s-OFDM 64QAM	3490.02	632668	80	1	0	23.04	21.44	0.139
DFT-s-OFDM 64QAM	3490.02	632668	80	1	216	22.57	20.97	0.125
DFT-s-OFDM 64QAM	3490.02	632668	80	108	54	22.90	21.30	0.135
DFT-s-OFDM 64QAM	3490.02	632668	80	216	0	23.22	21.62	0.145
DFT-s-OFDM 256QAM	3490.02	632668	80	1	0	23.55	21.95	0.157
DFT-s-OFDM 256QAM	3490.02	632668	80	1	216	23.08	21.48	0.141
DFT-s-OFDM 256QAM	3490.02	632668	80	108	54	23.40	21.80	0.151
DFT-s-OFDM 256QAM	3490.02	632668	80	216	0	22.05	20.45	0.111
CP-OFDM QPSK	3490.02	632668	80	1	0	22.38	20.78	0.120
CP-OFDM QPSK	3490.02	632668	80	1	216	22.98	21.38	0.137
CP-OFDM QPSK	3490.02	632668	80	109	54	23.31	21.71	0.148
CP-OFDM QPSK	3490.02	632668	80	217	0	23.64	22.04	0.160
CP-OFDM 16QAM	3490.02	632668	80	1	0	23.16	21.56	0.143
CP-OFDM 16QAM	3490.02	632668	80	1	216	23.49	21.89	0.155
CP-OFDM 16QAM	3490.02	632668	80	109	54	22.14	20.54	0.113
CP-OFDM 16QAM	3490.02	632668	80	217	0	22.47	20.87	0.122
CP-OFDM 64QAM	3490.02	632668	80	1	0	23.67	22.07	0.161
CP-OFDM 64QAM	3490.02	632668	80	1	216	22.32	20.72	0.118
CP-OFDM 64QAM	3490.02	632668	80	109	54	22.65	21.05	0.127
CP-OFDM 64QAM	3490.02	632668	80	217	0	22.98	21.38	0.137
CP-OFDM 256QAM	3490.02	632668	80	1	0	22.50	20.90	0.123
CP-OFDM 256QAM	3490.02	632668	80	1	216	22.83	21.23	0.133
CP-OFDM 256QAM	3490.02	632668	80	109	54	23.16	21.56	0.143
CP-OFDM 256QAM	3490.02	632668	80	217	0	23.49	21.89	0.155
DFT-s-OFDM PI/2 BPSK	3500.01	633334	80	1	0	23.44	21.84	0.153
DFT-s-OFDM PI/2 BPSK	3500.01	633334	80	1	216	22.09	20.49	0.112
DFT-s-OFDM PI/2 BPSK	3500.01	633334	80	108	54	23.29	21.69	0.148
DFT-s-OFDM PI/2 BPSK	3500.01	633334	80	216	0	22.54	20.94	0.124
DFT-s-OFDM QPSK	3500.01	633334	80	1	0	22.87	21.27	0.134
DFT-s-OFDM QPSK	3500.01	633334	80	1	216	22.12	20.52	0.113
DFT-s-OFDM QPSK	3500.01	633334	80	108	54	22.45	20.85	0.122
DFT-s-OFDM QPSK	3500.01	633334	80	216	0	23.38	21.78	0.151
DFT-s-OFDM 16QAM	3500.01	633334	80	1	0	22.03	20.43	0.110
DFT-s-OFDM 16QAM	3500.01	633334	80	1	216	22.96	21.36	0.137
DFT-s-OFDM 16QAM	3500.01	633334	80	108	54	23.29	21.69	0.148
DFT-s-OFDM 16QAM	3500.01	633334	80	216	0	22.54	20.94	0.124
DFT-s-OFDM 64QAM	3500.01	633334	80	1	0	23.47	21.87	0.154

DFT-s-OFDM 64QAM	3500.01	633334	80	1	216	22.72	21.12	0.129
DFT-s-OFDM 64QAM	3500.01	633334	80	108	54	23.05	21.45	0.140
DFT-s-OFDM 64QAM	3500.01	633334	80	216	0	22.30	20.70	0.117
DFT-s-OFDM 256QAM	3500.01	633334	80	1	0	22.63	21.03	0.127
DFT-s-OFDM 256QAM	3500.01	633334	80	1	216	23.56	21.96	0.157
DFT-s-OFDM 256QAM	3500.01	633334	80	108	54	22.20	20.60	0.115
DFT-s-OFDM 256QAM	3500.01	633334	80	216	0	23.14	21.54	0.143
CP-OFDM QPSK	3500.01	633334	80	1	0	23.46	21.86	0.153
CP-OFDM QPSK	3500.01	633334	80	1	216	22.71	21.11	0.129
CP-OFDM QPSK	3500.01	633334	80	109	54	23.65	22.05	0.160
CP-OFDM QPSK	3500.01	633334	80	217	0	22.29	20.69	0.117
CP-OFDM 16QAM	3500.01	633334	80	1	0	23.22	21.62	0.145
CP-OFDM 16QAM	3500.01	633334	80	1	216	22.75	21.15	0.130
CP-OFDM 16QAM	3500.01	633334	80	109	54	23.08	21.48	0.141
CP-OFDM 16QAM	3500.01	633334	80	217	0	22.33	20.73	0.118
CP-OFDM 64QAM	3500.01	633334	80	1	0	23.26	21.66	0.147
CP-OFDM 64QAM	3500.01	633334	80	1	216	23.59	21.99	0.158
CP-OFDM 64QAM	3500.01	633334	80	109	54	22.84	21.24	0.133
CP-OFDM 64QAM	3500.01	633334	80	217	0	22.09	20.49	0.112
CP-OFDM 256QAM	3500.01	633334	80	1	0	22.42	20.82	0.121
CP-OFDM 256QAM	3500.01	633334	80	1	216	23.35	21.75	0.150
CP-OFDM 256QAM	3500.01	633334	80	109	54	23.67	22.07	0.161
CP-OFDM 256QAM	3500.01	633334	80	217	0	22.93	21.33	0.136
DFT-s-OFDM PI/2 BPSK	3510	634000	80	1	0	22.38	20.78	0.120
DFT-s-OFDM PI/2 BPSK	3510	634000	80	1	216	23.31	21.71	0.148
DFT-s-OFDM PI/2 BPSK	3510	634000	80	108	54	23.17	21.57	0.144
DFT-s-OFDM PI/2 BPSK	3510	634000	80	216	0	22.42	20.82	0.121
DFT-s-OFDM QPSK	3510	634000	80	1	0	23.07	21.47	0.140
DFT-s-OFDM QPSK	3510	634000	80	1	216	22.32	20.72	0.118
DFT-s-OFDM QPSK	3510	634000	80	108	54	23.26	21.66	0.147
DFT-s-OFDM QPSK	3510	634000	80	216	0	22.51	20.91	0.123
DFT-s-OFDM 16QAM	3510	634000	80	1	0	23.16	21.56	0.143
DFT-s-OFDM 16QAM	3510	634000	80	1	216	22.41	20.81	0.121
DFT-s-OFDM 16QAM	3510	634000	80	108	54	23.34	21.74	0.149
DFT-s-OFDM 16QAM	3510	634000	80	216	0	22.59	20.99	0.126
DFT-s-OFDM 64QAM	3510	634000	80	1	0	23.52	21.92	0.156
DFT-s-OFDM 64QAM	3510	634000	80	1	216	22.78	21.18	0.131
DFT-s-OFDM 64QAM	3510	634000	80	108	54	23.43	21.83	0.152
DFT-s-OFDM 64QAM	3510	634000	80	216	0	22.68	21.08	0.128
DFT-s-OFDM 256QAM	3510	634000	80	1	0	23.61	22.01	0.159
DFT-s-OFDM 256QAM	3510	634000	80	1	216	22.86	21.26	0.134
DFT-s-OFDM 256QAM	3510	634000	80	108	54	22.11	20.51	0.112
DFT-s-OFDM 256QAM	3510	634000	80	216	0	23.04	21.44	0.139
CP-OFDM QPSK	3510	634000	80	1	0	23.10	21.50	0.141
CP-OFDM QPSK	3510	634000	80	1	216	22.95	21.35	0.136
CP-OFDM QPSK	3510	634000	80	109	54	22.20	20.60	0.115

CP-OFDM QPSK	3510	634000	80	217	0	23.13	21.53	0.142
CP-OFDM 16QAM	3510	634000	80	1	0	22.38	20.78	0.120
CP-OFDM 16QAM	3510	634000	80	1	216	22.44	20.84	0.121
CP-OFDM 16QAM	3510	634000	80	109	54	22.29	20.69	0.117
CP-OFDM 16QAM	3510	634000	80	217	0	23.22	21.62	0.145
CP-OFDM 64QAM	3510	634000	80	1	0	22.47	20.87	0.122
CP-OFDM 64QAM	3510	634000	80	1	216	23.40	21.80	0.151
CP-OFDM 64QAM	3510	634000	80	109	54	22.38	20.78	0.120
CP-OFDM 64QAM	3510	634000	80	217	0	23.31	21.71	0.148
CP-OFDM 256QAM	3510	634000	80	1	0	22.56	20.96	0.125
CP-OFDM 256QAM	3510	634000	80	1	216	23.49	21.89	0.155
CP-OFDM 256QAM	3510	634000	80	109	54	22.74	21.14	0.130
CP-OFDM 256QAM	3510	634000	80	217	0	22.79	21.19	0.132

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	3495	633000	90	1	0	22.01	20.41	0.110
DFT-s-OFDM PI/2 BPSK	3495	633000	90	1	244	23.22	21.62	0.145
DFT-s-OFDM PI/2 BPSK	3495	633000	90	120	60	22.47	20.87	0.122
DFT-s-OFDM PI/2 BPSK	3495	633000	90	243	0	22.80	21.20	0.132
DFT-s-OFDM QPSK	3495	633000	90	1	0	23.12	21.52	0.142
DFT-s-OFDM QPSK	3495	633000	90	1	244	23.45	21.85	0.153
DFT-s-OFDM QPSK	3495	633000	90	120	60	22.98	21.38	0.137
DFT-s-OFDM QPSK	3495	633000	90	243	0	23.31	21.71	0.148
DFT-s-OFDM 16QAM	3495	633000	90	1	0	23.63	22.03	0.160
DFT-s-OFDM 16QAM	3495	633000	90	1	244	22.28	20.68	0.117
DFT-s-OFDM 16QAM	3495	633000	90	120	60	23.49	21.89	0.155
DFT-s-OFDM 16QAM	3495	633000	90	243	0	22.14	20.54	0.113
DFT-s-OFDM 64QAM	3495	633000	90	1	0	22.46	20.86	0.122
DFT-s-OFDM 64QAM	3495	633000	90	1	244	22.79	21.19	0.132
DFT-s-OFDM 64QAM	3495	633000	90	120	60	22.32	20.72	0.118
DFT-s-OFDM 64QAM	3495	633000	90	243	0	22.64	21.04	0.127
DFT-s-OFDM 256QAM	3495	633000	90	1	0	22.97	21.37	0.137
DFT-s-OFDM 256QAM	3495	633000	90	1	244	23.30	21.70	0.148
DFT-s-OFDM 256QAM	3495	633000	90	120	60	22.83	21.23	0.133
DFT-s-OFDM 256QAM	3495	633000	90	243	0	23.15	21.55	0.143
CP-OFDM QPSK	3495	633000	90	1	0	23.48	21.88	0.154
CP-OFDM QPSK	3495	633000	90	1	244	22.13	20.53	0.113
CP-OFDM QPSK	3495	633000	90	123	61	23.34	21.74	0.149
CP-OFDM QPSK	3495	633000	90	245	0	23.66	22.06	0.161
CP-OFDM 16QAM	3495	633000	90	1	0	22.91	21.31	0.135
CP-OFDM 16QAM	3495	633000	90	1	244	23.24	21.64	0.146
CP-OFDM 16QAM	3495	633000	90	123	61	23.57	21.97	0.157
CP-OFDM 16QAM	3495	633000	90	245	0	22.22	20.62	0.115
CP-OFDM 64QAM	3495	633000	90	1	0	23.42	21.82	0.152
CP-OFDM 64QAM	3495	633000	90	1	244	22.07	20.47	0.111

CP-OFDM 64QAM	3495	633000	90	123	61	22.40	20.80	0.120
CP-OFDM 64QAM	3495	633000	90	245	0	22.73	21.13	0.130
CP-OFDM 256QAM	3495	633000	90	1	0	22.25	20.65	0.116
CP-OFDM 256QAM	3495	633000	90	1	244	22.58	20.98	0.125
CP-OFDM 256QAM	3495	633000	90	123	61	23.51	21.91	0.155
CP-OFDM 256QAM	3495	633000	90	245	0	22.16	20.56	0.114
DFT-s-OFDM PI/2 BPSK	3500.01	633334	90	1	0	22.83	21.23	0.133
DFT-s-OFDM PI/2 BPSK	3500.01	633334	90	1	244	23.16	21.56	0.143
DFT-s-OFDM PI/2 BPSK	3500.01	633334	90	120	60	22.41	20.81	0.121
DFT-s-OFDM PI/2 BPSK	3500.01	633334	90	243	0	23.34	21.74	0.149
DFT-s-OFDM QPSK	3500.01	633334	90	1	0	23.67	22.07	0.161
DFT-s-OFDM QPSK	3500.01	633334	90	1	244	22.92	21.32	0.136
DFT-s-OFDM QPSK	3500.01	633334	90	120	60	22.45	20.85	0.122
DFT-s-OFDM QPSK	3500.01	633334	90	243	0	22.50	20.90	0.123
DFT-s-OFDM 16QAM	3500.01	633334	90	1	0	22.02	20.42	0.110
DFT-s-OFDM 16QAM	3500.01	633334	90	1	244	22.35	20.75	0.119
DFT-s-OFDM 16QAM	3500.01	633334	90	120	60	23.28	21.68	0.147
DFT-s-OFDM 16QAM	3500.01	633334	90	243	0	22.53	20.93	0.124
DFT-s-OFDM 64QAM	3500.01	633334	90	1	0	22.86	21.26	0.134
DFT-s-OFDM 64QAM	3500.01	633334	90	1	244	22.11	20.51	0.112
DFT-s-OFDM 64QAM	3500.01	633334	90	120	60	22.44	20.84	0.121
DFT-s-OFDM 64QAM	3500.01	633334	90	243	0	23.37	21.77	0.150
DFT-s-OFDM 256QAM	3500.01	633334	90	1	0	22.02	20.42	0.110
DFT-s-OFDM 256QAM	3500.01	633334	90	1	244	22.95	21.35	0.136
DFT-s-OFDM 256QAM	3500.01	633334	90	120	60	23.28	21.68	0.147
DFT-s-OFDM 256QAM	3500.01	633334	90	243	0	22.53	20.93	0.124
CP-OFDM QPSK	3500.01	633334	90	1	0	22.86	21.26	0.134
CP-OFDM QPSK	3500.01	633334	90	1	244	22.11	20.51	0.112
CP-OFDM QPSK	3500.01	633334	90	123	61	23.04	21.44	0.139
CP-OFDM QPSK	3500.01	633334	90	245	0	22.29	20.69	0.117
CP-OFDM 16QAM	3500.01	633334	90	1	0	22.62	21.02	0.126
CP-OFDM 16QAM	3500.01	633334	90	1	244	23.55	21.95	0.157
CP-OFDM 16QAM	3500.01	633334	90	123	61	22.19	20.59	0.115
CP-OFDM 16QAM	3500.01	633334	90	245	0	23.12	21.52	0.142
CP-OFDM 64QAM	3500.01	633334	90	1	0	22.38	20.78	0.120
CP-OFDM 64QAM	3500.01	633334	90	1	244	22.70	21.10	0.129
CP-OFDM 64QAM	3500.01	633334	90	123	61	23.63	22.03	0.160
CP-OFDM 64QAM	3500.01	633334	90	245	0	23.16	21.56	0.143
CP-OFDM 256QAM	3500.01	633334	90	1	0	23.21	21.61	0.145
CP-OFDM 256QAM	3500.01	633334	90	1	244	22.46	20.86	0.122
CP-OFDM 256QAM	3500.01	633334	90	123	61	23.39	21.79	0.151
CP-OFDM 256QAM	3500.01	633334	90	245	0	22.04	20.44	0.111
DFT-s-OFDM PI/2 BPSK	3504.99	633666	90	1	0	22.34	20.74	0.119
DFT-s-OFDM PI/2 BPSK	3504.99	633666	90	1	244	22.19	20.59	0.115
DFT-s-OFDM PI/2 BPSK	3504.99	633666	90	120	60	23.12	21.52	0.142
DFT-s-OFDM PI/2 BPSK	3504.99	633666	90	243	0	22.37	20.77	0.119

DFT-s-OFDM QPSK	3504.99	633666	90	1	0	23.30	21.70	0.148
DFT-s-OFDM QPSK	3504.99	633666	90	1	244	22.28	20.68	0.117
DFT-s-OFDM QPSK	3504.99	633666	90	120	60	23.21	21.61	0.145
DFT-s-OFDM QPSK	3504.99	633666	90	243	0	22.46	20.86	0.122
DFT-s-OFDM 16QAM	3504.99	633666	90	1	0	23.12	21.52	0.142
DFT-s-OFDM 16QAM	3504.99	633666	90	1	244	22.37	20.77	0.119
DFT-s-OFDM 16QAM	3504.99	633666	90	120	60	23.30	21.70	0.148
DFT-s-OFDM 16QAM	3504.99	633666	90	243	0	22.55	20.95	0.124
DFT-s-OFDM 64QAM	3504.99	633666	90	1	0	23.20	21.60	0.145
DFT-s-OFDM 64QAM	3504.99	633666	90	1	244	22.45	20.85	0.122
DFT-s-OFDM 64QAM	3504.99	633666	90	120	60	23.66	22.06	0.161
DFT-s-OFDM 64QAM	3504.99	633666	90	243	0	22.64	21.04	0.127
DFT-s-OFDM 256QAM	3504.99	633666	90	1	0	23.57	21.97	0.157
DFT-s-OFDM 256QAM	3504.99	633666	90	1	244	22.82	21.22	0.132
DFT-s-OFDM 256QAM	3504.99	633666	90	120	60	22.07	20.47	0.111
DFT-s-OFDM 256QAM	3504.99	633666	90	243	0	22.72	21.12	0.129
CP-OFDM QPSK	3504.99	633666	90	1	0	23.65	22.05	0.160
CP-OFDM QPSK	3504.99	633666	90	1	244	22.91	21.31	0.135
CP-OFDM QPSK	3504.99	633666	90	123	61	22.16	20.56	0.114
CP-OFDM QPSK	3504.99	633666	90	245	0	23.09	21.49	0.141
CP-OFDM 16QAM	3504.99	633666	90	1	0	22.34	20.74	0.119
CP-OFDM 16QAM	3504.99	633666	90	1	244	22.39	20.79	0.120
CP-OFDM 16QAM	3504.99	633666	90	123	61	22.24	20.64	0.116
CP-OFDM 16QAM	3504.99	633666	90	245	0	23.17	21.57	0.144
CP-OFDM 64QAM	3504.99	633666	90	1	0	22.43	20.83	0.121
CP-OFDM 64QAM	3504.99	633666	90	1	244	23.08	21.48	0.141
CP-OFDM 64QAM	3504.99	633666	90	123	61	22.33	20.73	0.118
CP-OFDM 64QAM	3504.99	633666	90	245	0	23.26	21.66	0.147
CP-OFDM 256QAM	3504.99	633666	90	1	0	22.51	20.91	0.123
CP-OFDM 256QAM	3504.99	633666	90	1	244	23.17	21.57	0.144
CP-OFDM 256QAM	3504.99	633666	90	123	61	22.69	21.09	0.129
CP-OFDM 256QAM	3504.99	633666	90	245	0	23.35	21.75	0.150

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	22.36	20.76	0.119
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	272	22.69	21.09	0.129
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	135	67	22.22	20.62	0.115
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	270	0	22.55	20.95	0.124
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	22.83	21.23	0.133
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	272	23.15	21.55	0.143
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	135	67	22.40	20.80	0.120
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	270	0	22.73	21.13	0.130
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	0	22.57	20.97	0.125
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	1	272	23.22	21.62	0.145
DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	135	67	22.47	20.87	0.122

DFT-s-OFDM PI/2 BPSK	3500.01	633334	100	270	0	23.40	21.80	0.151
DFT-s-OFDM QPSK	3500.01	633334	100	1	0	22.87	21.27	0.134
DFT-s-OFDM QPSK	3500.01	633334	100	1	272	23.20	21.60	0.145
DFT-s-OFDM QPSK	3500.01	633334	100	135	67	22.73	21.13	0.130
DFT-s-OFDM QPSK	3500.01	633334	100	270	0	23.05	21.45	0.140
DFT-s-OFDM QPSK	3500.01	633334	100	1	0	23.66	22.06	0.161
DFT-s-OFDM QPSK	3500.01	633334	100	1	272	22.91	21.31	0.135
DFT-s-OFDM QPSK	3500.01	633334	100	135	67	22.16	20.56	0.114
DFT-s-OFDM QPSK	3500.01	633334	100	270	0	23.10	21.50	0.141
DFT-s-OFDM QPSK	3500.01	633334	100	1	0	23.26	21.66	0.147
DFT-s-OFDM QPSK	3500.01	633334	100	1	272	23.31	21.71	0.148
DFT-s-OFDM QPSK	3500.01	633334	100	135	67	22.56	20.96	0.125
DFT-s-OFDM QPSK	3500.01	633334	100	270	0	23.49	21.89	0.155
DFT-s-OFDM 16QAM	3500.01	633334	100	1	0	23.38	21.78	0.151
DFT-s-OFDM 16QAM	3500.01	633334	100	1	272	22.63	21.03	0.127
DFT-s-OFDM 16QAM	3500.01	633334	100	135	67	22.96	21.36	0.137
DFT-s-OFDM 16QAM	3500.01	633334	100	270	0	23.29	21.69	0.148
DFT-s-OFDM 64QAM	3500.01	633334	100	1	0	22.81	21.21	0.132
DFT-s-OFDM 64QAM	3500.01	633334	100	1	272	23.14	21.54	0.143
DFT-s-OFDM 64QAM	3500.01	633334	100	135	67	23.47	21.87	0.154
DFT-s-OFDM 64QAM	3500.01	633334	100	270	0	22.72	21.12	0.129
DFT-s-OFDM 256QAM	3500.01	633334	100	1	0	23.32	21.72	0.149
DFT-s-OFDM 256QAM	3500.01	633334	100	1	272	22.57	20.97	0.125
DFT-s-OFDM 256QAM	3500.01	633334	100	135	67	22.90	21.30	0.135
DFT-s-OFDM 256QAM	3500.01	633334	100	270	0	23.23	21.63	0.146
CP-OFDM QPSK	3500.01	633334	100	1	0	23.56	21.96	0.157
CP-OFDM QPSK	3500.01	633334	100	1	272	23.08	21.48	0.141
CP-OFDM QPSK	3500.01	633334	100	137	68	23.41	21.81	0.152
CP-OFDM QPSK	3500.01	633334	100	273	0	22.06	20.46	0.111
CP-OFDM 16QAM	3500.01	633334	100	1	0	22.99	21.39	0.138
CP-OFDM 16QAM	3500.01	633334	100	1	272	23.59	21.99	0.158
CP-OFDM 16QAM	3500.01	633334	100	137	68	23.65	22.05	0.160
CP-OFDM 16QAM	3500.01	633334	100	273	0	23.17	21.57	0.144
CP-OFDM 64QAM	3500.01	633334	100	1	0	23.50	21.90	0.155
CP-OFDM 64QAM	3500.01	633334	100	1	272	22.15	20.55	0.114
CP-OFDM 64QAM	3500.01	633334	100	137	68	22.48	20.88	0.122
CP-OFDM 64QAM	3500.01	633334	100	273	0	23.68	22.08	0.161
CP-OFDM 256QAM	3500.01	633334	100	1	0	22.33	20.73	0.118
CP-OFDM 256QAM	3500.01	633334	100	1	272	23.26	21.66	0.147
CP-OFDM 256QAM	3500.01	633334	100	137	68	23.59	21.99	0.158
CP-OFDM 256QAM	3500.01	633334	100	273	0	22.24	20.64	0.116
DFT-s-OFDM 16QAM	3500.01	633334	100	1	0	23.42	21.82	0.152
DFT-s-OFDM 16QAM	3500.01	633334	100	1	272	22.67	21.07	0.128
DFT-s-OFDM 16QAM	3500.01	633334	100	135	67	23.00	21.40	0.138
DFT-s-OFDM 16QAM	3500.01	633334	100	270	0	22.25	20.65	0.116
DFT-s-OFDM 64QAM	3500.01	633334	100	1	0	22.58	20.98	0.125

DFT-s-OFDM 64QAM	3500.01	633334	100	1	272	23.51	21.91	0.155
DFT-s-OFDM 64QAM	3500.01	633334	100	135	67	22.76	21.16	0.131
DFT-s-OFDM 64QAM	3500.01	633334	100	270	0	23.09	21.49	0.141
DFT-s-OFDM 256QAM	3500.01	633334	100	1	0	22.34	20.74	0.119
DFT-s-OFDM 256QAM	3500.01	633334	100	1	272	23.27	21.67	0.147
DFT-s-OFDM 256QAM	3500.01	633334	100	135	67	23.60	22.00	0.158
DFT-s-OFDM 256QAM	3500.01	633334	100	270	0	22.85	21.25	0.133
CP-OFDM QPSK	3500.01	633334	100	1	0	22.10	20.50	0.112
CP-OFDM QPSK	3500.01	633334	100	1	272	22.43	20.83	0.121
CP-OFDM QPSK	3500.01	633334	100	137	68	23.36	21.76	0.150
CP-OFDM QPSK	3500.01	633334	100	273	0	22.01	20.41	0.110
CP-OFDM 16QAM	3500.01	633334	100	1	0	22.94	21.34	0.136
CP-OFDM 16QAM	3500.01	633334	100	1	272	22.19	20.59	0.115
CP-OFDM 16QAM	3500.01	633334	100	137	68	23.12	21.52	0.142
CP-OFDM 16QAM	3500.01	633334	100	273	0	23.45	21.85	0.153
CP-OFDM 64QAM	3500.01	633334	100	1	0	22.70	21.10	0.129
CP-OFDM 64QAM	3500.01	633334	100	1	272	23.63	22.03	0.160
CP-OFDM 64QAM	3500.01	633334	100	137	68	22.28	20.68	0.117
CP-OFDM 64QAM	3500.01	633334	100	273	0	23.21	21.61	0.145
CP-OFDM 256QAM	3500.01	633334	100	1	0	23.54	21.94	0.156
CP-OFDM 256QAM	3500.01	633334	100	1	272	22.79	21.19	0.132
CP-OFDM 256QAM	3500.01	633334	100	137	68	23.11	21.51	0.142
CP-OFDM 256QAM	3500.01	633334	100	273	0	22.36	20.76	0.119
DFT-s-OFDM 16QAM	3500.01	633334	100	1	0	23.35	21.75	0.150
DFT-s-OFDM 16QAM	3500.01	633334	100	1	272	22.60	21.00	0.126
DFT-s-OFDM 16QAM	3500.01	633334	100	135	67	22.65	21.05	0.127
DFT-s-OFDM 16QAM	3500.01	633334	100	270	0	23.58	21.98	0.158
DFT-s-OFDM 64QAM	3500.01	633334	100	1	0	23.43	21.83	0.152
DFT-s-OFDM 64QAM	3500.01	633334	100	1	272	22.68	21.08	0.128
DFT-s-OFDM 64QAM	3500.01	633334	100	135	67	23.61	22.01	0.159
DFT-s-OFDM 64QAM	3500.01	633334	100	270	0	22.59	20.99	0.126
DFT-s-OFDM 256QAM	3500.01	633334	100	1	0	23.52	21.92	0.156
DFT-s-OFDM 256QAM	3500.01	633334	100	1	272	22.77	21.17	0.131
DFT-s-OFDM 256QAM	3500.01	633334	100	135	67	22.02	20.42	0.110
DFT-s-OFDM 256QAM	3500.01	633334	100	270	0	22.95	21.35	0.136
CP-OFDM QPSK	3500.01	633334	100	1	0	23.01	21.41	0.138
CP-OFDM QPSK	3500.01	633334	100	1	272	22.26	20.66	0.116
CP-OFDM QPSK	3500.01	633334	100	137	68	22.11	20.51	0.112
CP-OFDM QPSK	3500.01	633334	100	273	0	23.04	21.44	0.139
CP-OFDM 16QAM	3500.01	633334	100	1	0	22.29	20.69	0.117
CP-OFDM 16QAM	3500.01	633334	100	1	272	22.95	21.35	0.136
CP-OFDM 16QAM	3500.01	633334	100	137	68	22.20	20.60	0.115
CP-OFDM 16QAM	3500.01	633334	100	273	0	23.13	21.53	0.142
CP-OFDM 64QAM	3500.01	633334	100	1	0	22.10	20.50	0.112
CP-OFDM 64QAM	3500.01	633334	100	1	272	23.04	21.44	0.139
CP-OFDM 64QAM	3500.01	633334	100	137	68	22.29	20.69	0.117

CP-OFDM 64QAM	3500.01	633334	100	273	0	23.22	21.62	0.145
CP-OFDM 256QAM	3500.01	633334	100	1	0	22.19	20.59	0.115
CP-OFDM 256QAM	3500.01	633334	100	1	272	22.05	20.45	0.111
CP-OFDM 256QAM	3500.01	633334	100	137	68	22.98	21.38	0.137
CP-OFDM 256QAM	3500.01	633334	100	273	0	23.63	22.03	0.160