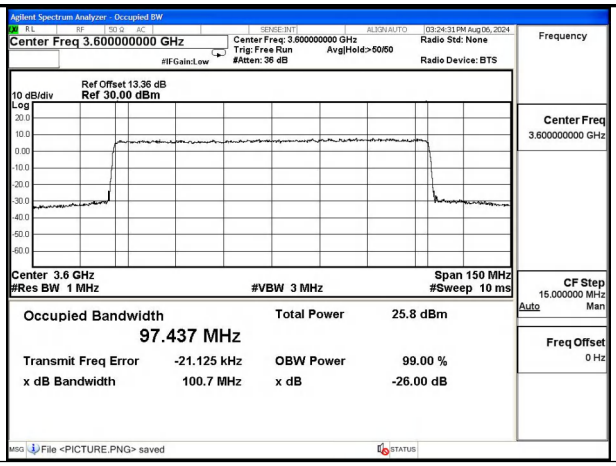


Fig.63

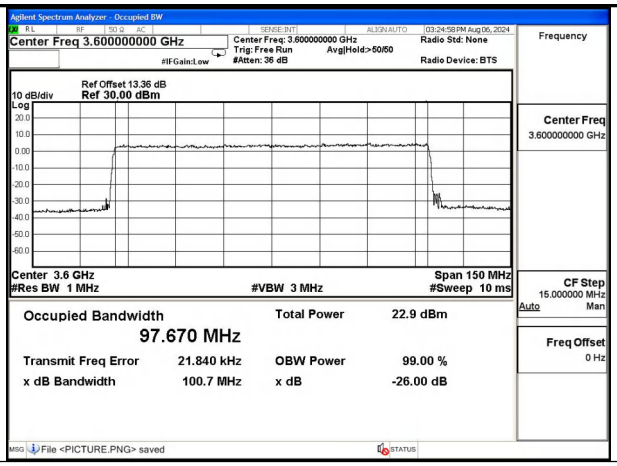


Fig.64

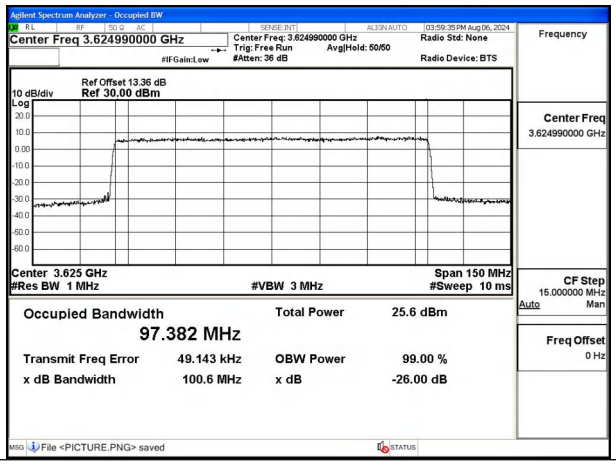


Fig.65

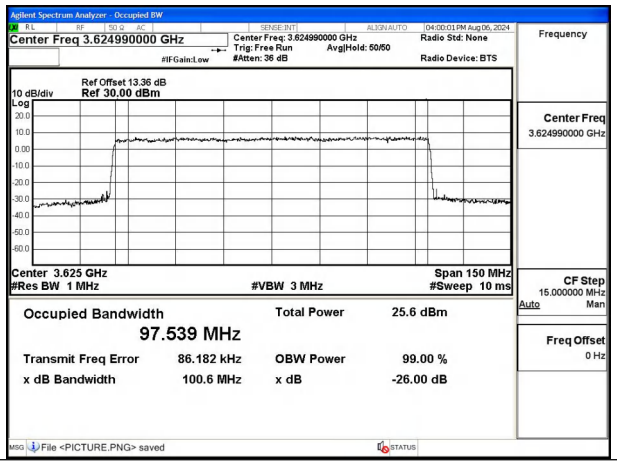


Fig.66

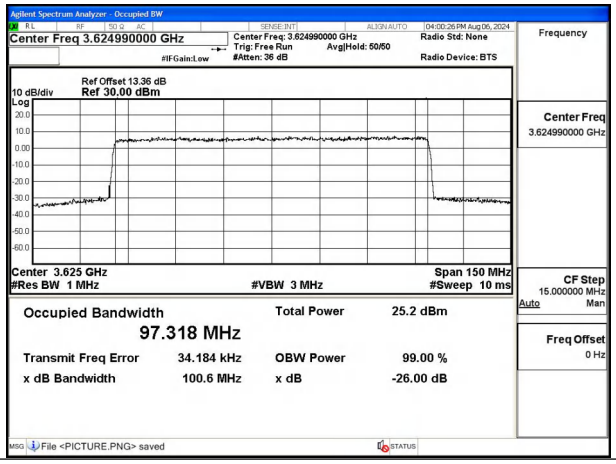


Fig.67

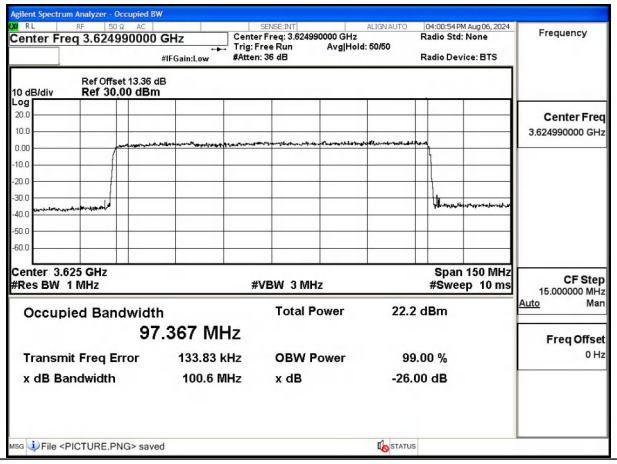


Fig.68

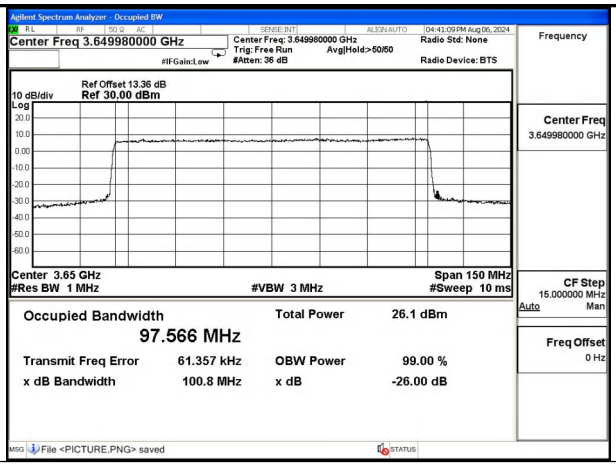


Fig.69

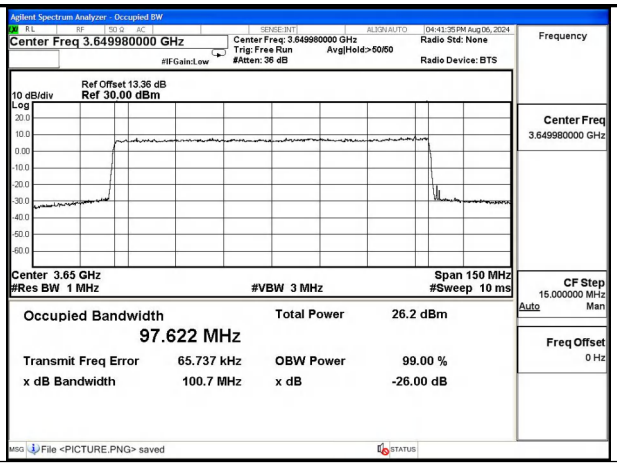


Fig.70

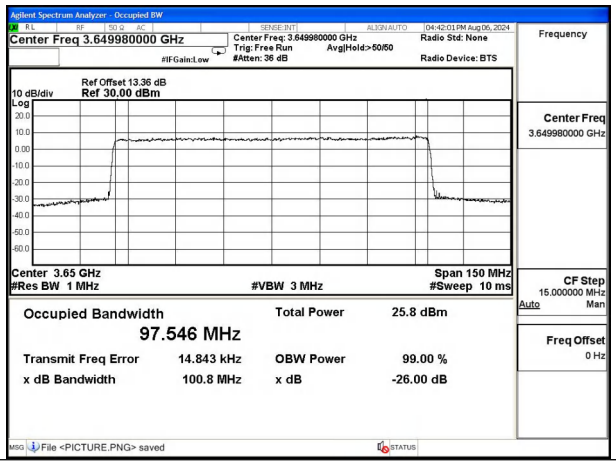


Fig.71

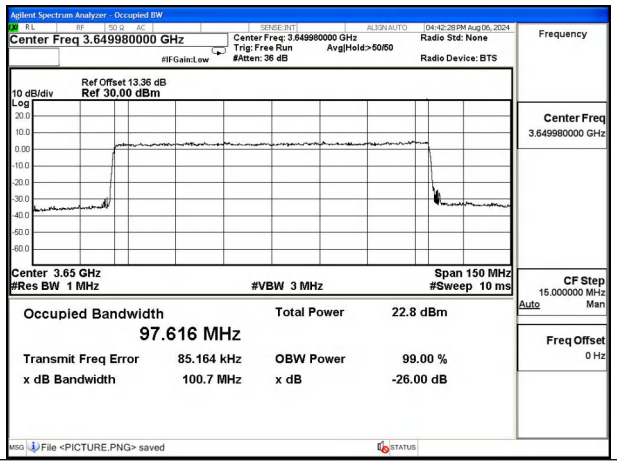


Fig.72

4 Peak-Average Ratio

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	PAR Plot
DFT-s-OFDM PI/2 BPSK	3560.01	637334	20	50	0	Fig.1
DFT-s-OFDM QPSK	3560.01	637334	20	50	0	Fig.2
DFT-s-OFDM 16QAM	3560.01	637334	20	50	0	Fig.3
DFT-s-OFDM 64QAM	3560.01	637334	20	50	0	Fig.4
DFT-s-OFDM 256QAM	3560.01	637334	20	50	0	Fig.5
DFT-s-OFDM PI/2 BPSK	3624.99	641666	20	50	0	Fig.6
DFT-s-OFDM QPSK	3624.99	641666	20	50	0	Fig.7
DFT-s-OFDM 16QAM	3624.99	641666	20	50	0	Fig.8
DFT-s-OFDM 64QAM	3624.99	641666	20	50	0	Fig.9
DFT-s-OFDM 256QAM	3624.99	641666	20	50	0	Fig.10
DFT-s-OFDM PI/2 BPSK	3690	646000	20	50	0	Fig.11
DFT-s-OFDM QPSK	3690	646000	20	50	0	Fig.12
DFT-s-OFDM 16QAM	3690	646000	20	50	0	Fig.13
DFT-s-OFDM 64QAM	3690	646000	20	50	0	Fig.14
DFT-s-OFDM 256QAM	3690	646000	20	50	0	Fig.15
DFT-s-OFDM PI/2 BPSK	3565.02	637668	30	75	0	Fig.16
DFT-s-OFDM QPSK	3565.02	637668	30	75	0	Fig.17
DFT-s-OFDM 16QAM	3565.02	637668	30	75	0	Fig.18
DFT-s-OFDM 64QAM	3565.02	637668	30	75	0	Fig.19
DFT-s-OFDM 256QAM	3565.02	637668	30	75	0	Fig.20
DFT-s-OFDM PI/2 BPSK	3624.99	641666	30	75	0	Fig.21
DFT-s-OFDM QPSK	3624.99	641666	30	75	0	Fig.22
DFT-s-OFDM 16QAM	3624.99	641666	30	75	0	Fig.23
DFT-s-OFDM 64QAM	3624.99	641666	30	75	0	Fig.24
DFT-s-OFDM 256QAM	3624.99	641666	30	75	0	Fig.25
DFT-s-OFDM PI/2 BPSK	3684.99	645666	30	75	0	Fig.26
DFT-s-OFDM QPSK	3684.99	645666	30	75	0	Fig.27
DFT-s-OFDM 16QAM	3684.99	645666	30	75	0	Fig.28
DFT-s-OFDM 64QAM	3684.99	645666	30	75	0	Fig.29
DFT-s-OFDM 256QAM	3684.99	645666	30	75	0	Fig.30
DFT-s-OFDM PI/2 BPSK	3570	638000	40	100	0	Fig.31
DFT-s-OFDM QPSK	3570	638000	40	100	0	Fig.32
DFT-s-OFDM 16QAM	3570	638000	40	100	0	Fig.33
DFT-s-OFDM 64QAM	3570	638000	40	100	0	Fig.34
DFT-s-OFDM 256QAM	3570	638000	40	100	0	Fig.35
DFT-s-OFDM PI/2 BPSK	3624.99	641666	40	100	0	Fig.36
DFT-s-OFDM QPSK	3624.99	641666	40	100	0	Fig.37
DFT-s-OFDM 16QAM	3624.99	641666	40	100	0	Fig.38
DFT-s-OFDM 64QAM	3624.99	641666	40	100	0	Fig.39
DFT-s-OFDM 256QAM	3624.99	641666	40	100	0	Fig.40
DFT-s-OFDM PI/2 BPSK	3679.98	645332	40	100	0	Fig.41
DFT-s-OFDM QPSK	3679.98	645332	40	100	0	Fig.42
DFT-s-OFDM 16QAM	3679.98	645332	40	100	0	Fig.43

DFT-s-OFDM 64QAM	3679.98	645332	40	100	0	Fig.44
DFT-s-OFDM 256QAM	3679.98	645332	40	100	0	Fig.45
DFT-s-OFDM PI/2 BPSK	3580.02	638668	60	162	0	Fig.46
DFT-s-OFDM QPSK	3580.02	638668	60	162	0	Fig.47
DFT-s-OFDM 16QAM	3580.02	638668	60	162	0	Fig.48
DFT-s-OFDM 64QAM	3580.02	638668	60	162	0	Fig.49
DFT-s-OFDM 256QAM	3580.02	638668	60	162	0	Fig.50
DFT-s-OFDM PI/2 BPSK	3624.99	641666	60	162	0	Fig.51
DFT-s-OFDM QPSK	3624.99	641666	60	162	0	Fig.52
DFT-s-OFDM 16QAM	3624.99	641666	60	162	0	Fig.53
DFT-s-OFDM 64QAM	3624.99	641666	60	162	0	Fig.54
DFT-s-OFDM 256QAM	3624.99	641666	60	162	0	Fig.55
DFT-s-OFDM PI/2 BPSK	3669.99	644666	60	162	0	Fig.56
DFT-s-OFDM QPSK	3669.99	644666	60	162	0	Fig.57
DFT-s-OFDM 16QAM	3669.99	644666	60	162	0	Fig.58
DFT-s-OFDM 64QAM	3669.99	644666	60	162	0	Fig.59
DFT-s-OFDM 256QAM	3669.99	644666	60	162	0	Fig.60
DFT-s-OFDM PI/2 BPSK	3590.01	639334	80	216	0	Fig.61
DFT-s-OFDM QPSK	3590.01	639334	80	216	0	Fig.62
DFT-s-OFDM 16QAM	3590.01	639334	80	216	0	Fig.63
DFT-s-OFDM 64QAM	3590.01	639334	80	216	0	Fig.64
DFT-s-OFDM 256QAM	3590.01	639334	80	216	0	Fig.65
DFT-s-OFDM PI/2 BPSK	3624.99	641666	80	216	0	Fig.66
DFT-s-OFDM QPSK	3624.99	641666	80	216	0	Fig.67
DFT-s-OFDM 16QAM	3624.99	641666	80	216	0	Fig.68
DFT-s-OFDM 64QAM	3624.99	641666	80	216	0	Fig.69
DFT-s-OFDM 256QAM	3624.99	641666	80	216	0	Fig.70
DFT-s-OFDM PI/2 BPSK	3660	644000	80	216	0	Fig.71
DFT-s-OFDM QPSK	3660	644000	80	216	0	Fig.72
DFT-s-OFDM 16QAM	3660	644000	80	216	0	Fig.73
DFT-s-OFDM 64QAM	3660	644000	80	216	0	Fig.74
DFT-s-OFDM 256QAM	3660	644000	80	216	0	Fig.75
DFT-s-OFDM PI/2 BPSK	3600	640000	100	270	0	Fig.76
DFT-s-OFDM QPSK	3600	640000	100	270	0	Fig.77
DFT-s-OFDM 16QAM	3600	640000	100	270	0	Fig.78
DFT-s-OFDM 64QAM	3600	640000	100	270	0	Fig.79
DFT-s-OFDM 256QAM	3600	640000	100	270	0	Fig.80
DFT-s-OFDM PI/2 BPSK	3624.99	641666	100	270	0	Fig.81
DFT-s-OFDM QPSK	3624.99	641666	100	270	0	Fig.82
DFT-s-OFDM 16QAM	3624.99	641666	100	270	0	Fig.83
DFT-s-OFDM 64QAM	3624.99	641666	100	270	0	Fig.84
DFT-s-OFDM 256QAM	3624.99	641666	100	270	0	Fig.85
DFT-s-OFDM PI/2 BPSK	3649.98	643332	100	270	0	Fig.86
DFT-s-OFDM QPSK	3649.98	643332	100	270	0	Fig.87
DFT-s-OFDM 16QAM	3649.98	643332	100	270	0	Fig.88

DFT-s-OFDM 64QAM	3649.98	643332	100	270	0	Fig.89
DFT-s-OFDM 256QAM	3649.98	643332	100	270	0	Fig.90

Test Plot:

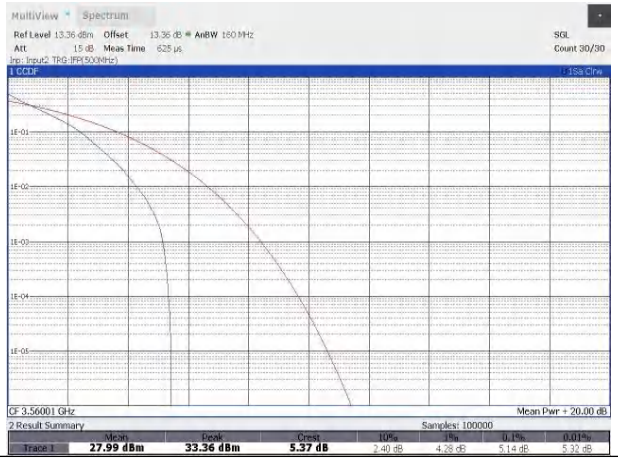


Fig.1

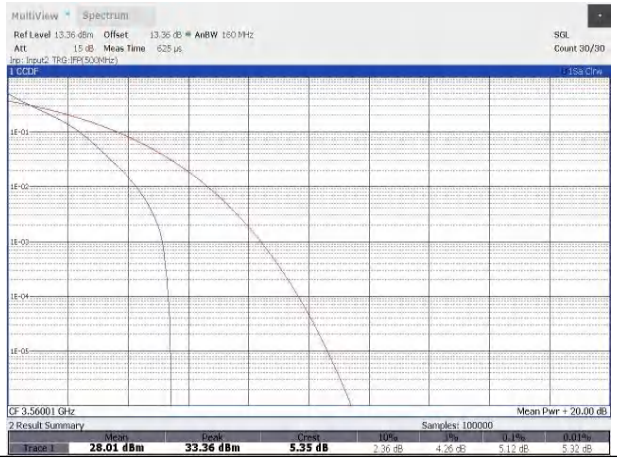


Fig.2

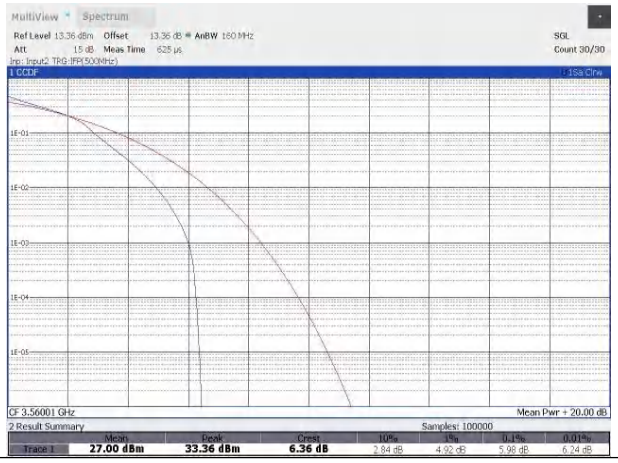


Fig.3

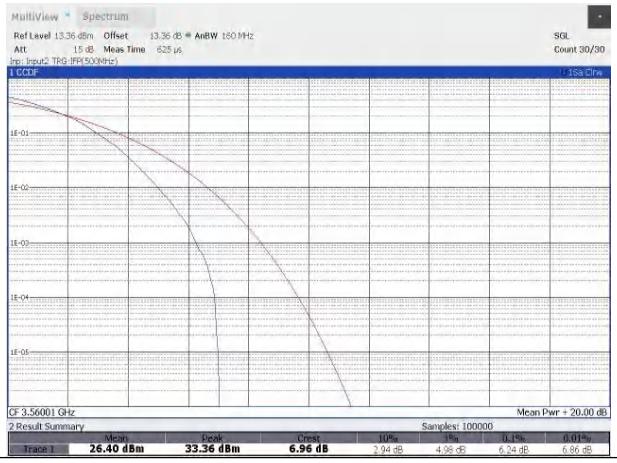


Fig.4

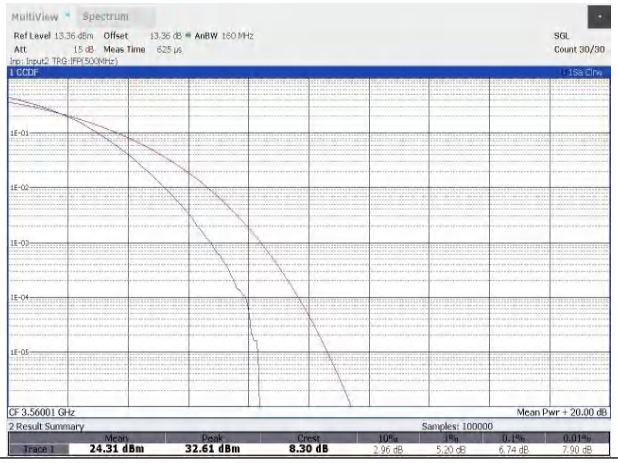


Fig.5

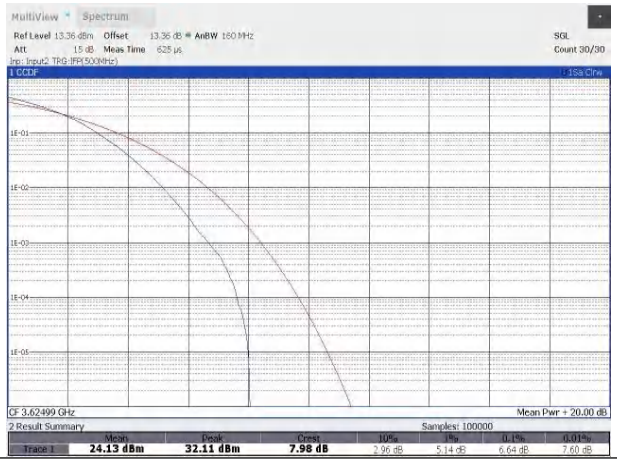
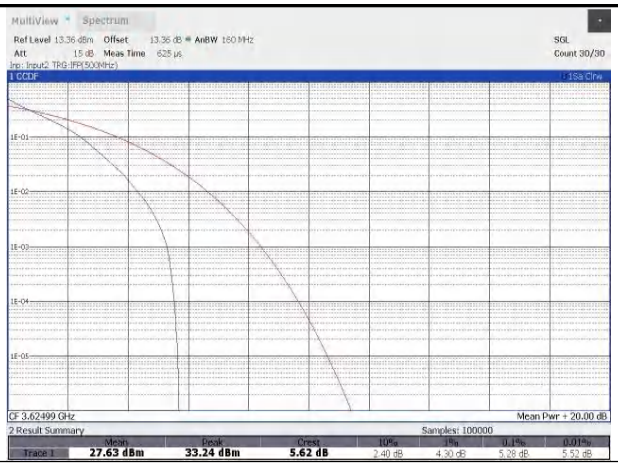


Fig.6



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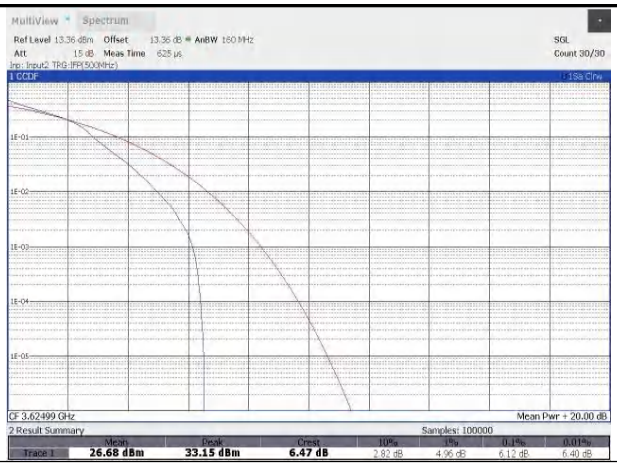


Fig.8

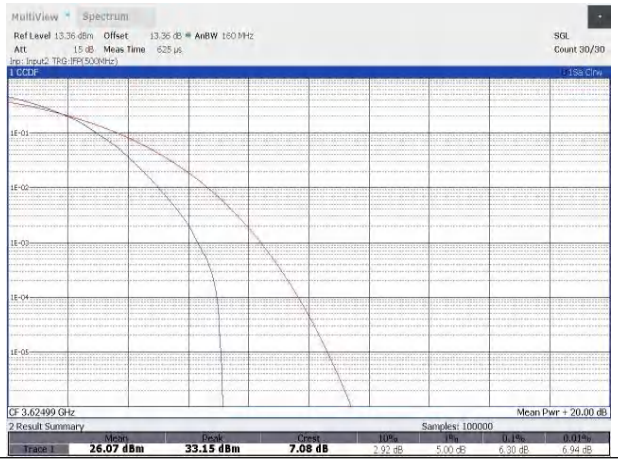


Fig.9

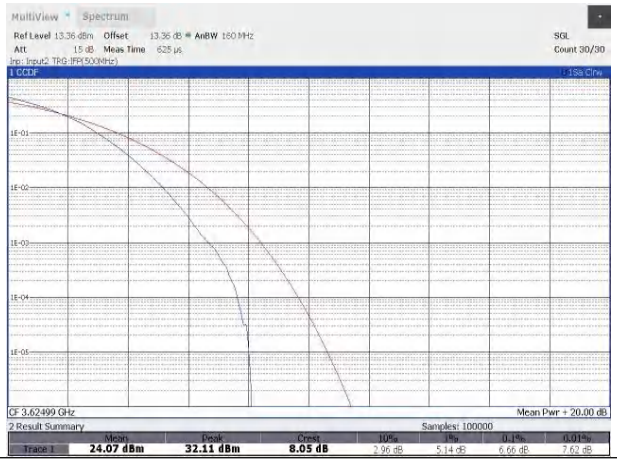


Fig.10

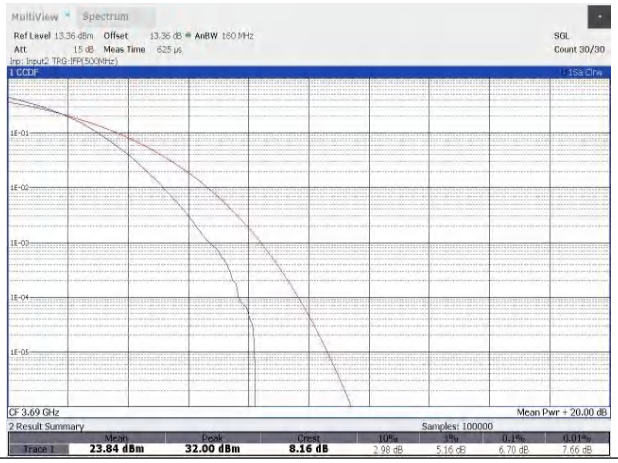


Fig.11

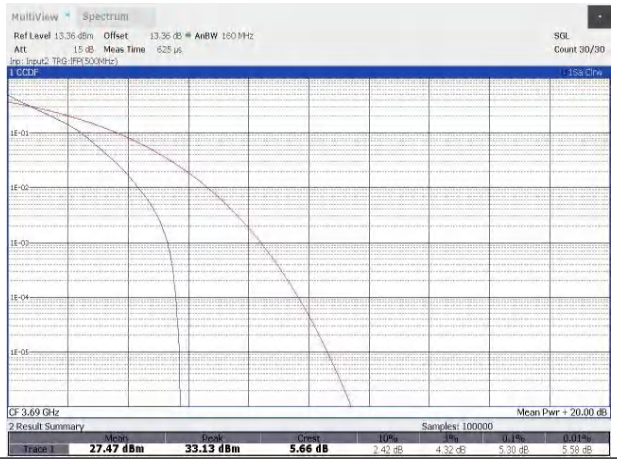


Fig.12

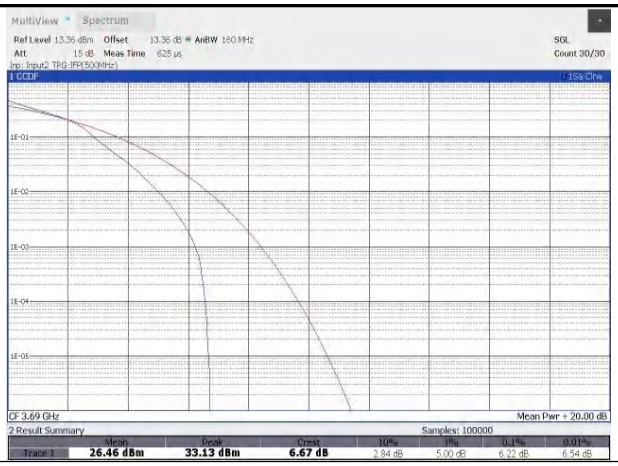


Fig.13

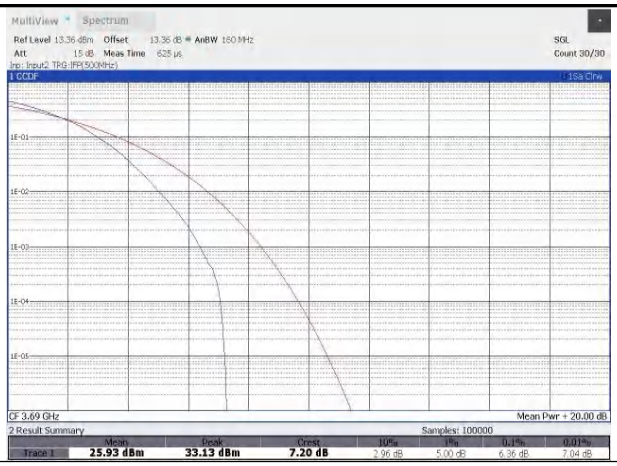


Fig.14

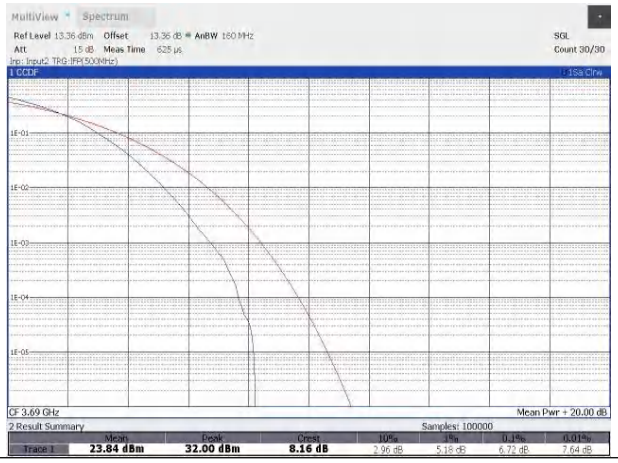


Fig.15

5 Spurious Emissions at antenna terminal

Modulation	Carrier frequency (MHz)	UL Channel	BW (MHz)	RB Size	RB Offset	Conducted Spurious Plot	
						30M~1G	1G~20G
CP-OFDM QPSK	3560.01	637334	20	51	0	Fig.1	Fig.2
CP-OFDM QPSK	3560.01	637334	20	1	0	Fig.3	Fig.4
CP-OFDM QPSK	3560.01	637334	20	1	50	Fig.5	Fig.6
CP-OFDM QPSK	3624.99	641666	20	51	0	Fig.7	Fig.8
CP-OFDM QPSK	3624.99	641666	20	1	0	Fig.9	Fig.10
CP-OFDM QPSK	3624.99	641666	20	1	50	Fig.11	Fig.12
CP-OFDM QPSK	3690	646000	20	51	0	Fig.13	Fig.14
CP-OFDM QPSK	3690	646000	20	1	0	Fig.15	Fig.16
CP-OFDM QPSK	3690	646000	20	1	50	Fig.17	Fig.18
CP-OFDM QPSK	3565.02	637668	30	78	0	Fig.19	Fig.20
CP-OFDM QPSK	3565.02	637668	30	1	0	Fig.21	Fig.22
CP-OFDM QPSK	3565.02	637668	30	1	77	Fig.23	Fig.24
CP-OFDM QPSK	3624.99	641666	30	78	0	Fig.25	Fig.26
CP-OFDM QPSK	3624.99	641666	30	1	0	Fig.27	Fig.28
CP-OFDM QPSK	3624.99	641666	30	1	77	Fig.29	Fig.30
CP-OFDM QPSK	3684.99	645666	30	78	0	Fig.31	Fig.32
CP-OFDM QPSK	3684.99	645666	30	1	0	Fig.33	Fig.34
CP-OFDM QPSK	3684.99	645666	30	1	77	Fig.35	Fig.36
CP-OFDM QPSK	3570	638000	40	106	0	Fig.37	Fig.38
CP-OFDM QPSK	3570	638000	40	1	0	Fig.39	Fig.40
CP-OFDM QPSK	3570	638000	40	1	105	Fig.41	Fig.42
CP-OFDM QPSK	3624.99	641666	40	106	0	Fig.43	Fig.44
CP-OFDM QPSK	3624.99	641666	40	1	0	Fig.45	Fig.46
CP-OFDM QPSK	3624.99	641666	40	1	105	Fig.47	Fig.48
CP-OFDM QPSK	3679.98	645332	40	106	0	Fig.49	Fig.50
CP-OFDM QPSK	3679.98	645332	40	1	0	Fig.51	Fig.52
CP-OFDM QPSK	3679.98	645332	40	1	105	Fig.53	Fig.54
CP-OFDM QPSK	3580.02	638668	60	162	0	Fig.55	Fig.56
CP-OFDM QPSK	3580.02	638668	60	1	0	Fig.57	Fig.58
CP-OFDM QPSK	3580.02	638668	60	1	161	Fig.59	Fig.60
CP-OFDM QPSK	3624.99	641666	60	162	0	Fig.61	Fig.62
CP-OFDM QPSK	3624.99	641666	60	1	0	Fig.63	Fig.64
CP-OFDM QPSK	3624.99	641666	60	1	161	Fig.65	Fig.66
CP-OFDM QPSK	3669.99	644666	60	162	0	Fig.67	Fig.68
CP-OFDM QPSK	3669.99	644666	60	1	0	Fig.69	Fig.70
CP-OFDM QPSK	3669.99	644666	60	1	161	Fig.71	Fig.72
CP-OFDM QPSK	3590.01	639334	80	217	0	Fig.73	Fig.74
CP-OFDM QPSK	3590.01	639334	80	1	0	Fig.75	Fig.76
CP-OFDM QPSK	3590.01	639334	80	1	216	Fig.77	Fig.78
CP-OFDM QPSK	3624.99	641666	80	217	0	Fig.79	Fig.80
CP-OFDM QPSK	3624.99	641666	80	1	0	Fig.81	Fig.82
CP-OFDM QPSK	3624.99	641666	80	1	216	Fig.83	Fig.84

CP-OFDM QPSK	3660	644000	80	217	0	Fig.85	Fig.86
CP-OFDM QPSK	3660	644000	80	1	0	Fig.87	Fig.88
CP-OFDM QPSK	3660	644000	80	1	216	Fig.89	Fig.90
CP-OFDM QPSK	3600	640000	100	273	0	Fig.91	Fig.92
CP-OFDM QPSK	3600	640000	100	1	0	Fig.93	Fig.94
CP-OFDM QPSK	3600	640000	100	1	272	Fig.95	Fig.96
CP-OFDM QPSK	3624.99	641666	100	273	0	Fig.97	Fig.98
CP-OFDM QPSK	3624.99	641666	100	1	0	Fig.99	Fig.100
CP-OFDM QPSK	3624.99	641666	100	1	272	Fig.101	Fig.102
CP-OFDM QPSK	3649.98	643332	100	273	0	Fig.103	Fig.104
CP-OFDM QPSK	3649.98	643332	100	1	0	Fig.105	Fig.106
CP-OFDM QPSK	3649.98	643332	100	1	272	Fig.107	Fig.108

Test Plot:

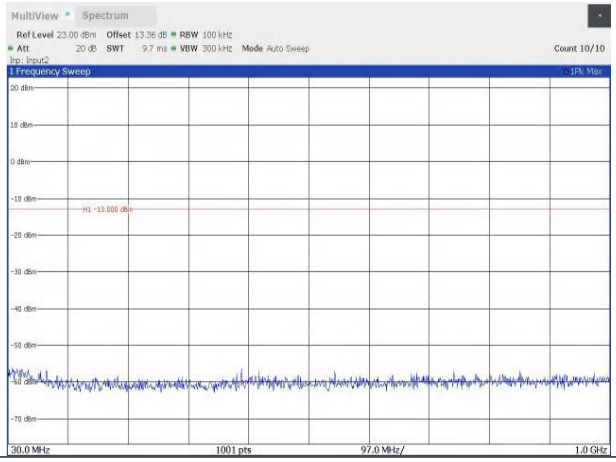


Fig.1

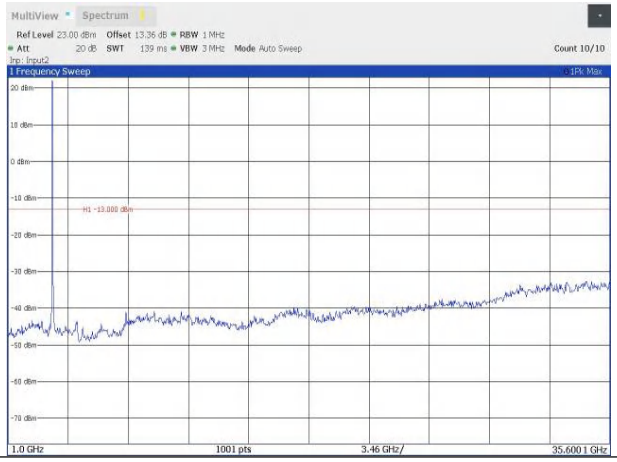


Fig.2

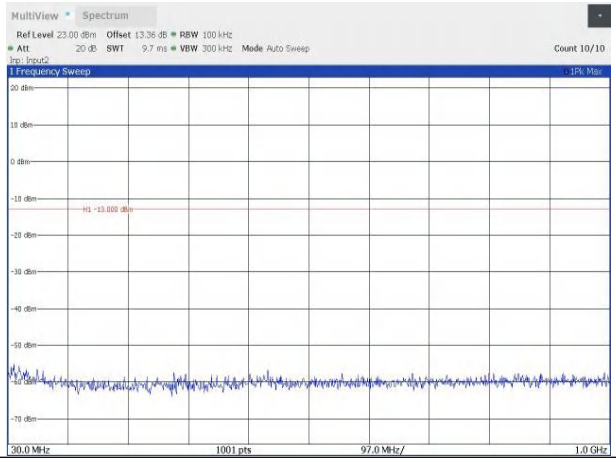


Fig.3

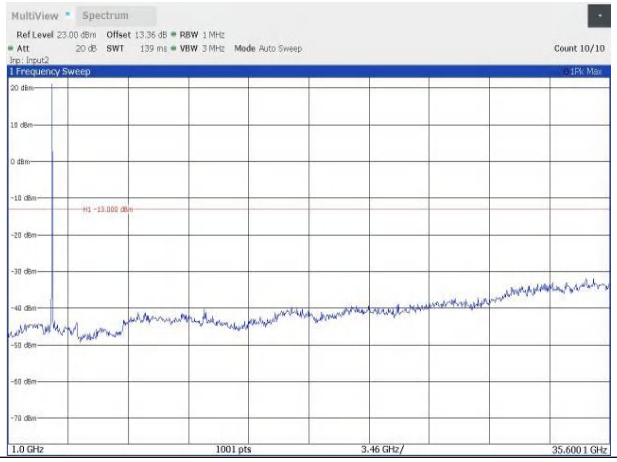


Fig.4

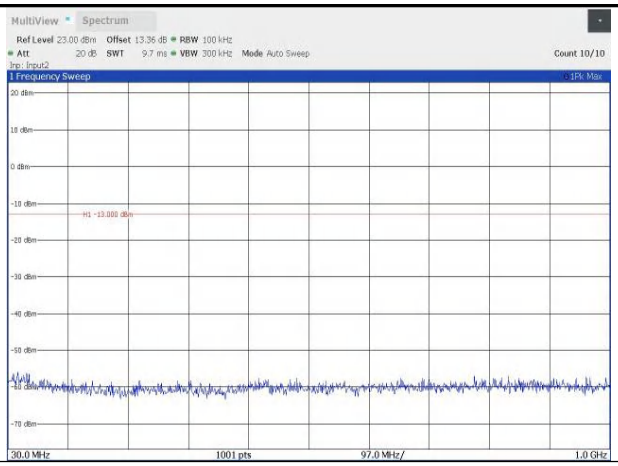
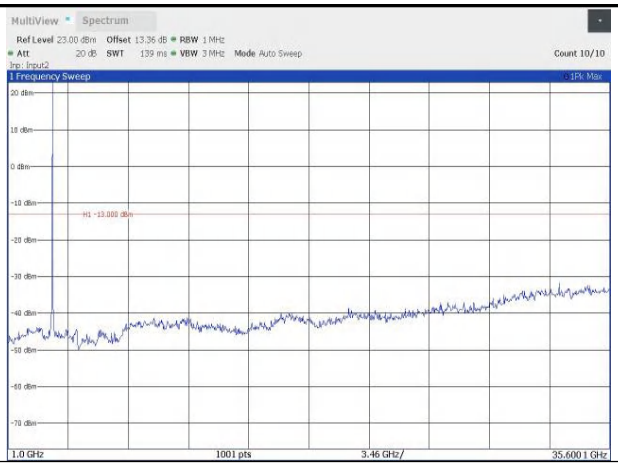


Fig.5



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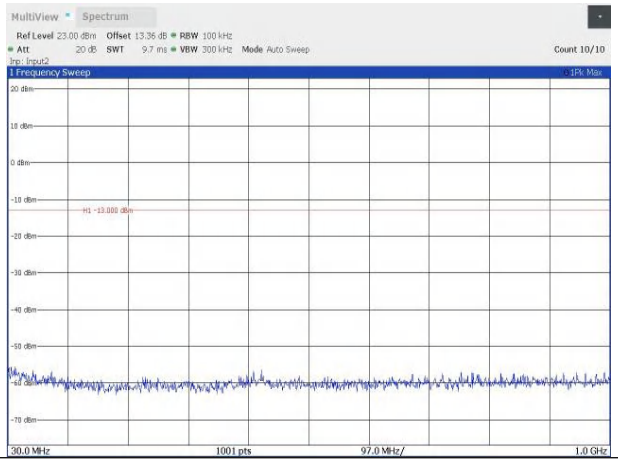


Fig.7

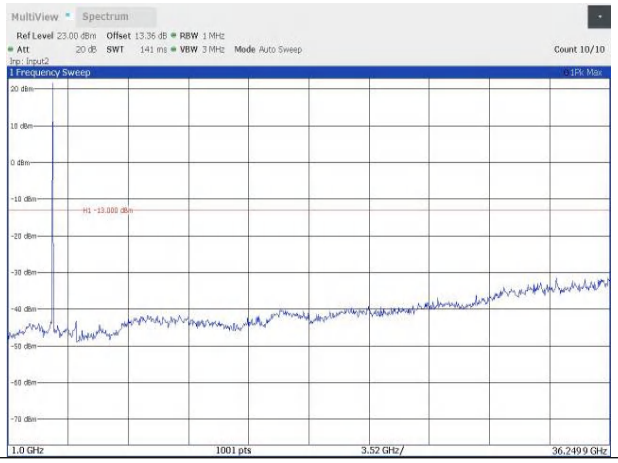
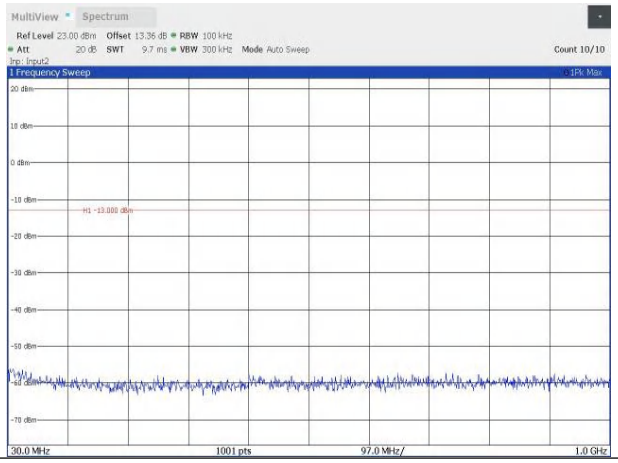


Fig.8



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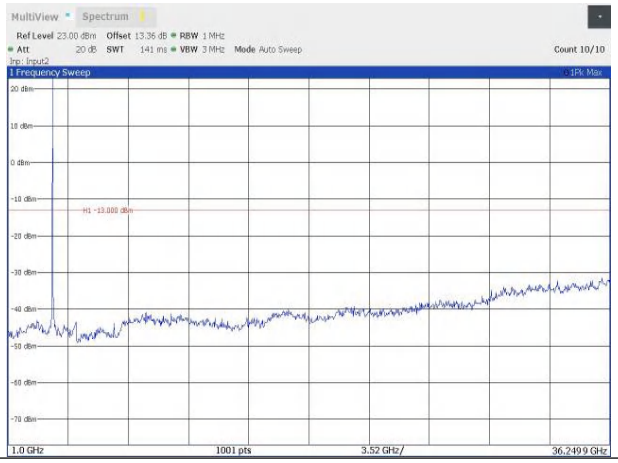


Fig.10

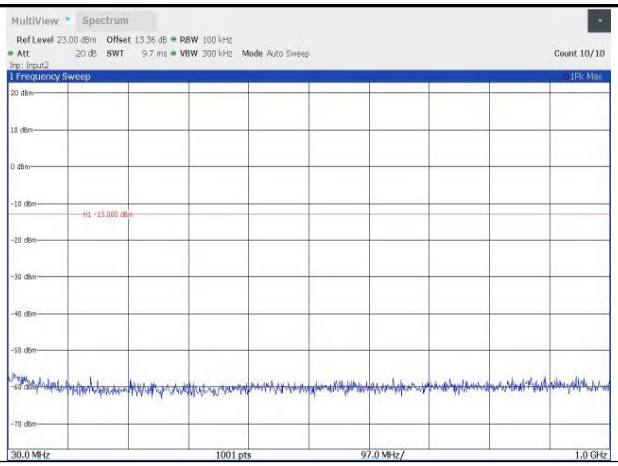
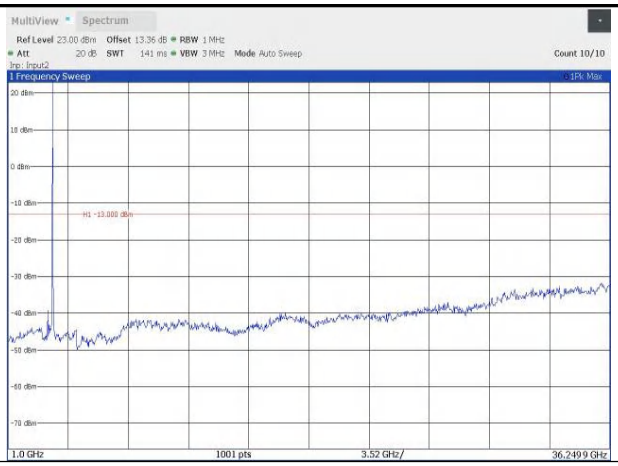


Fig.11



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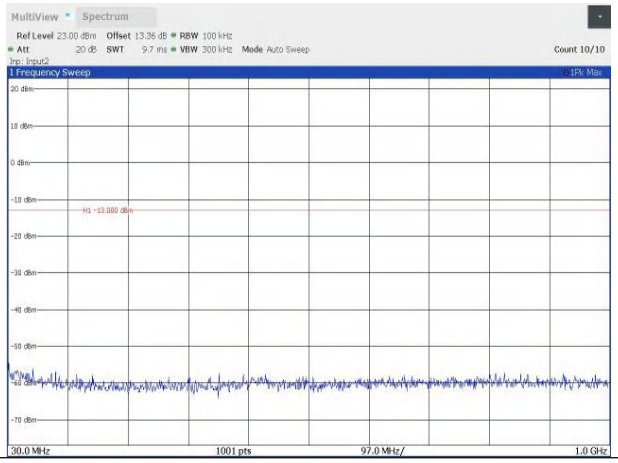

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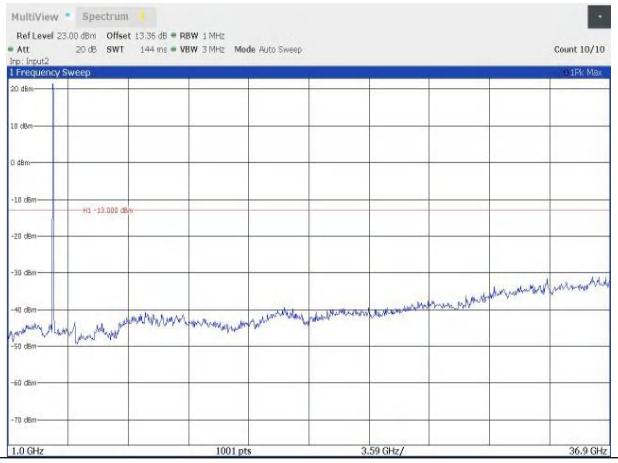

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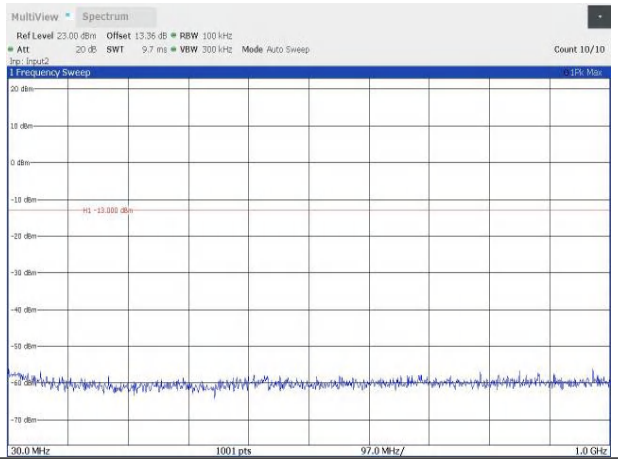

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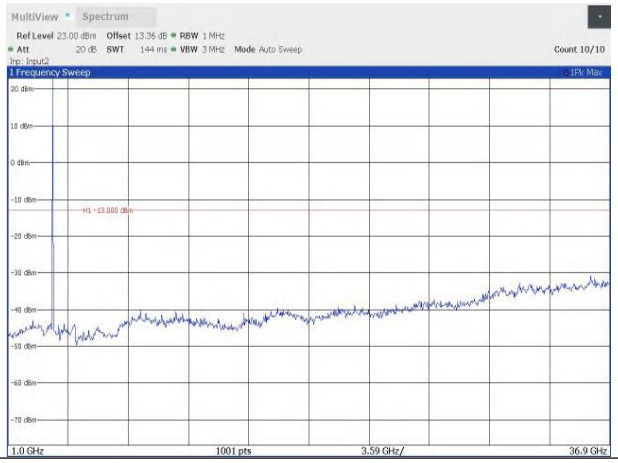


Fig.16

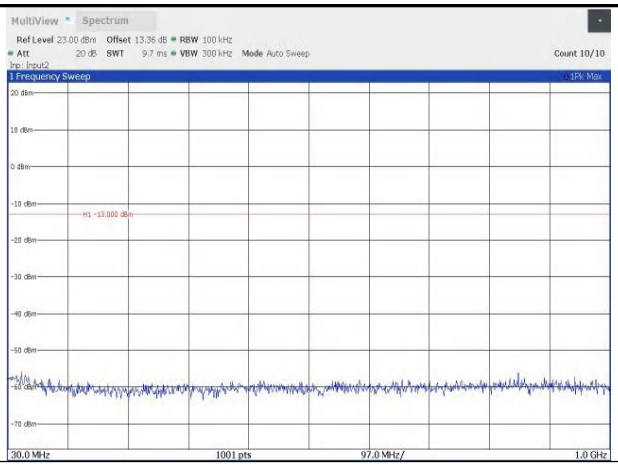


Fig.17

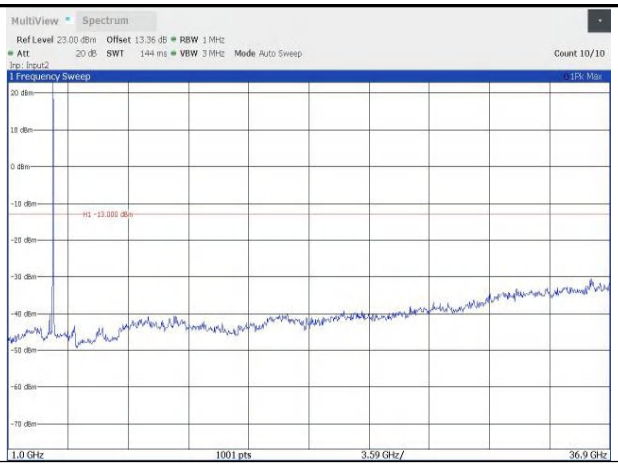
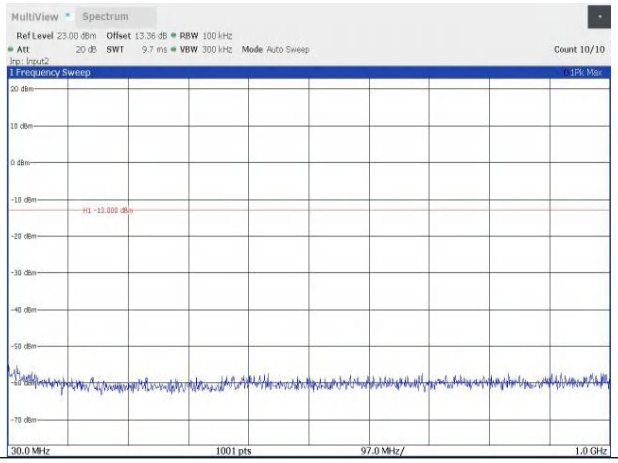


Fig.18



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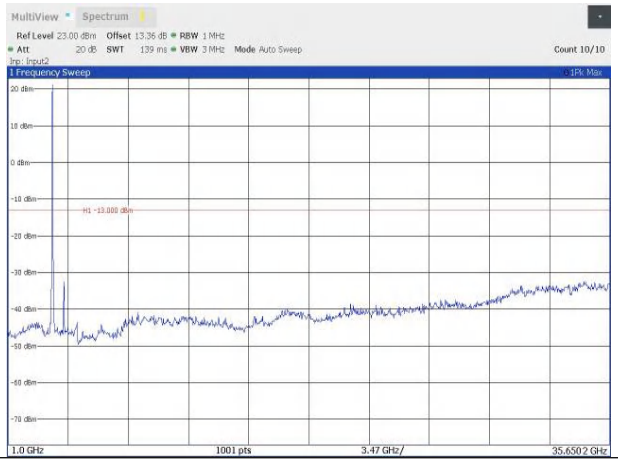
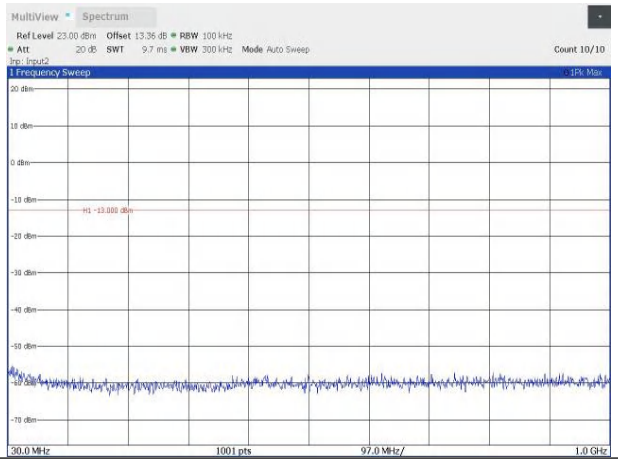


Fig.20



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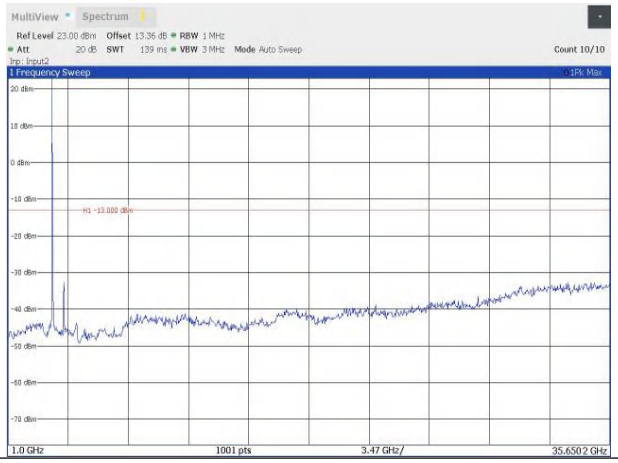

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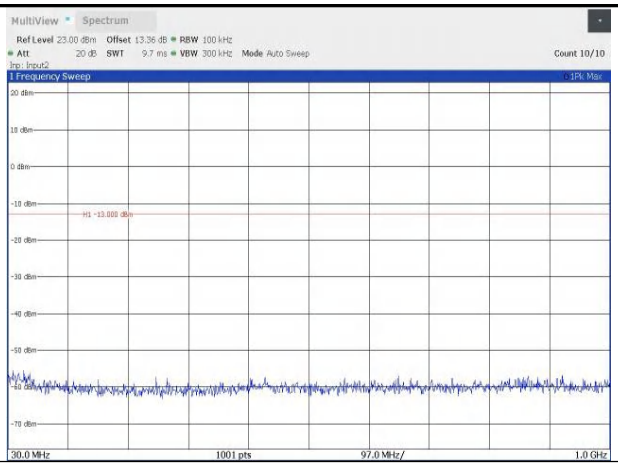
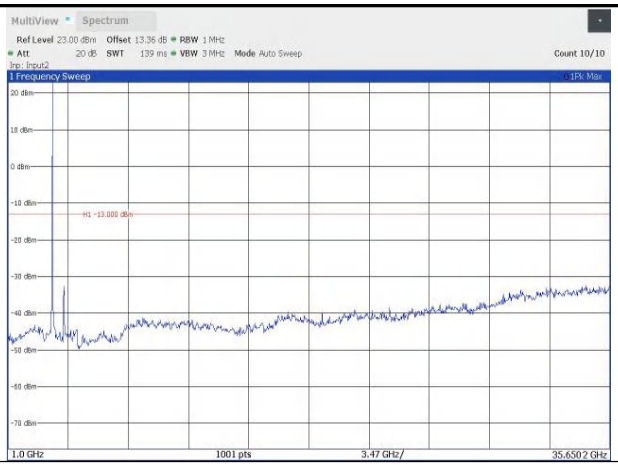


Fig.23



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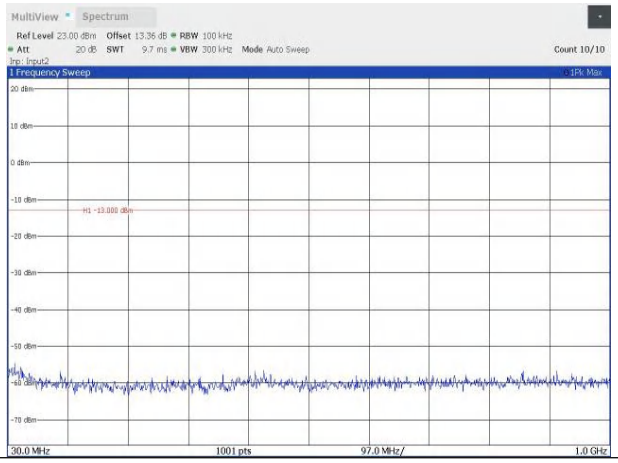

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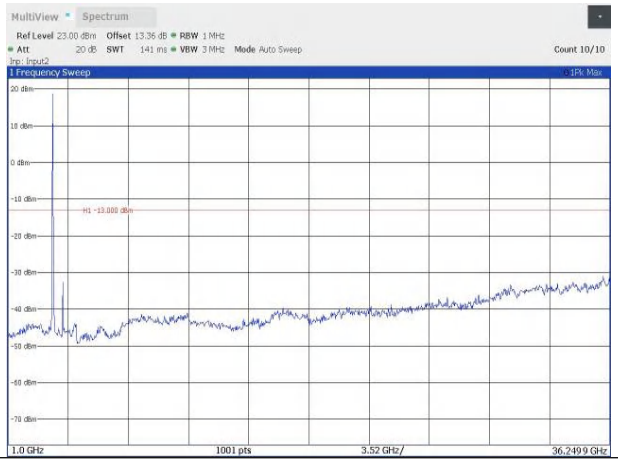

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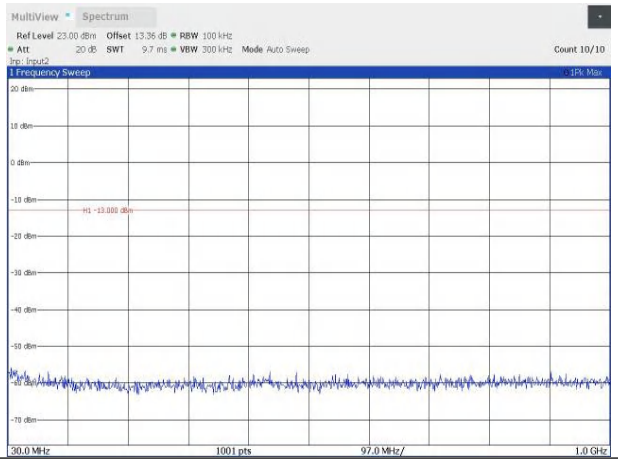


Fig.27

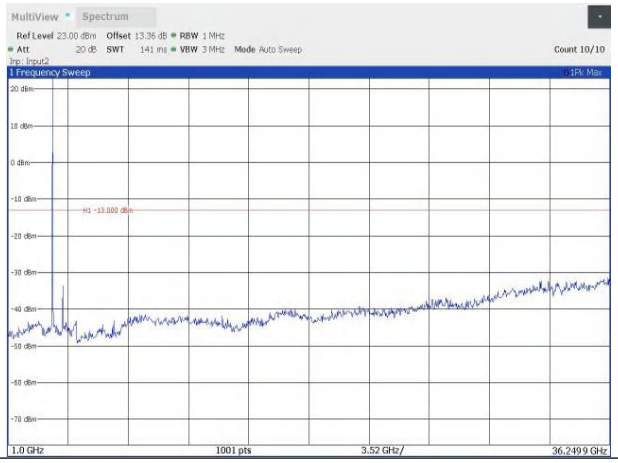
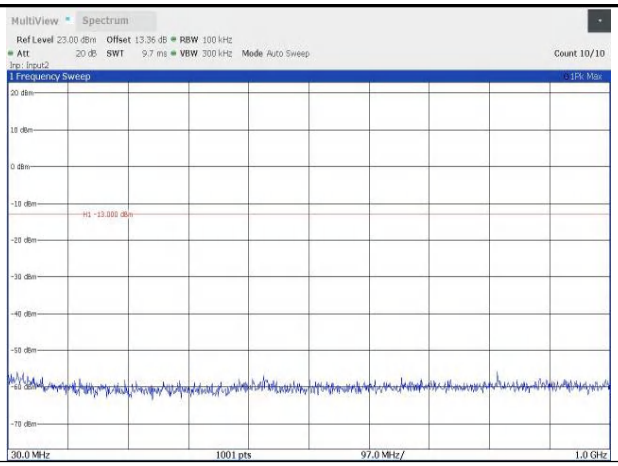


Fig.28



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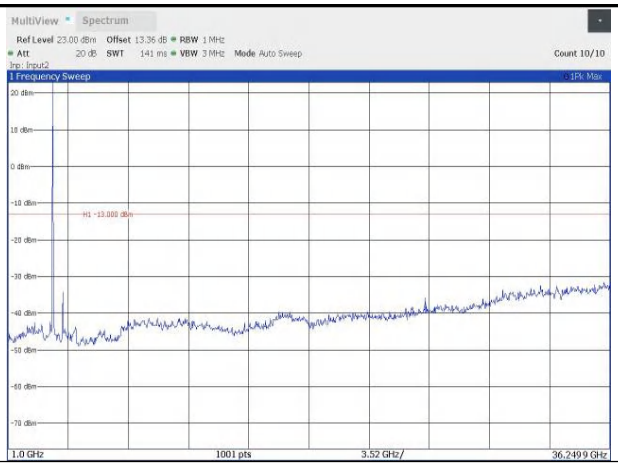


Fig.30

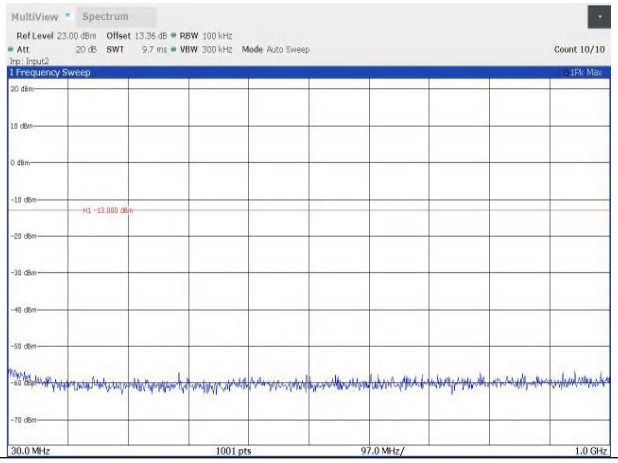


Fig.31

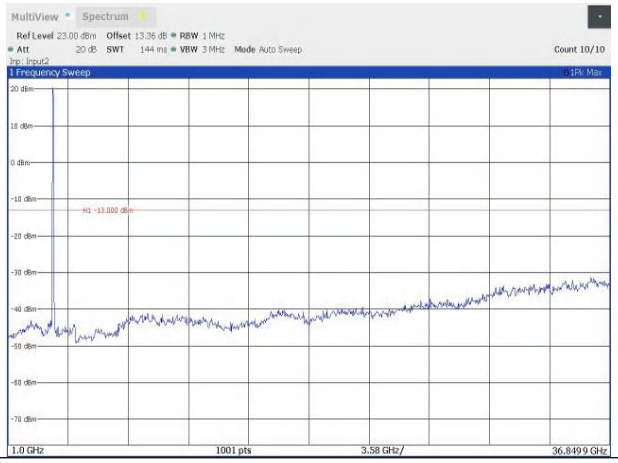


Fig.32

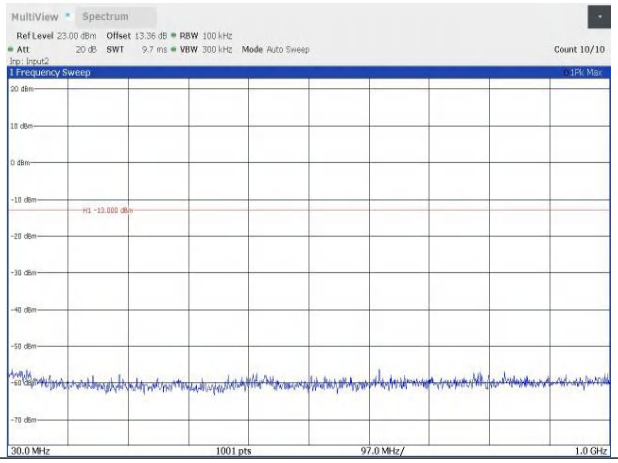


Fig.33

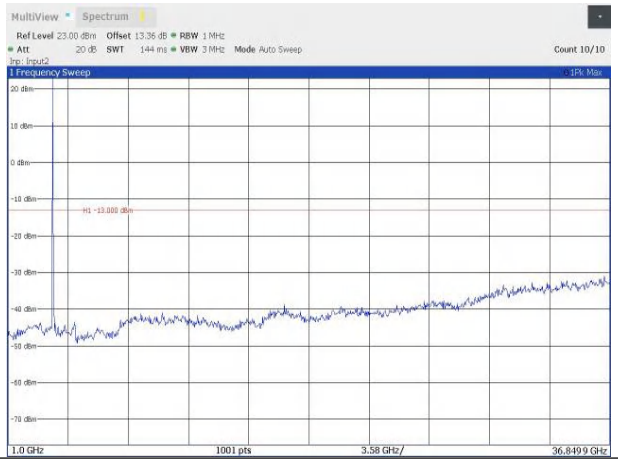


Fig.34

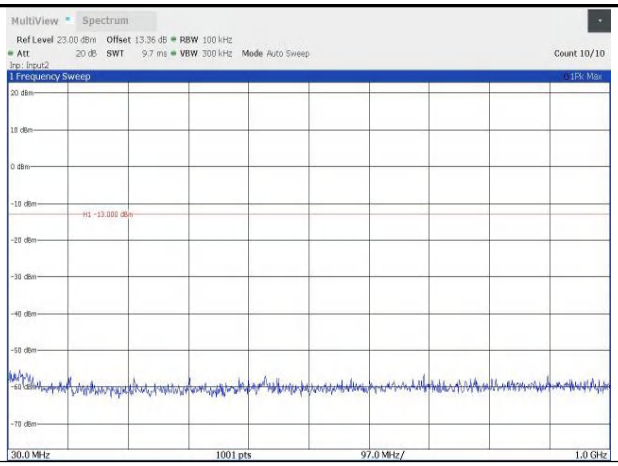


Fig.35

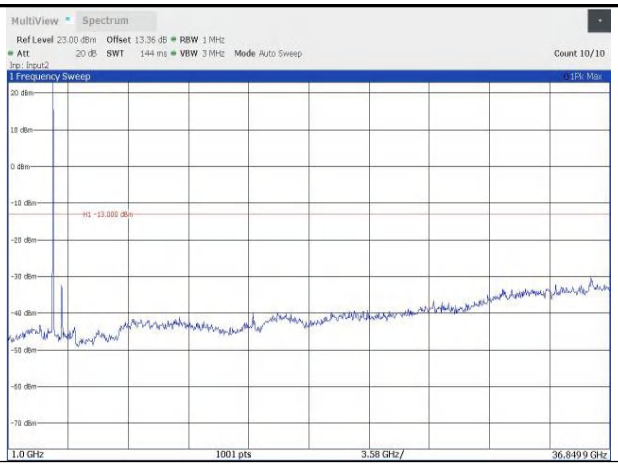


Fig.36

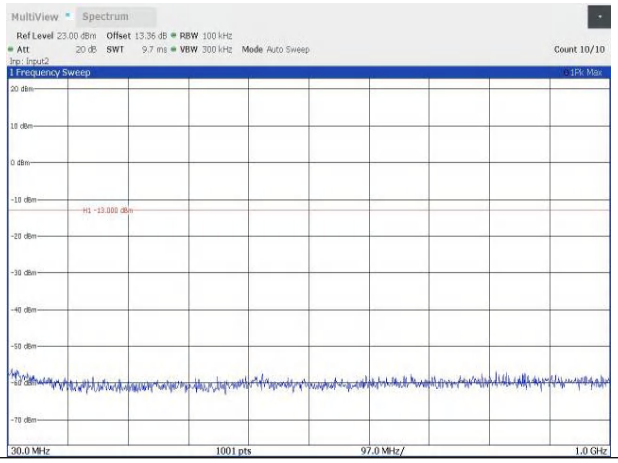


Fig.37

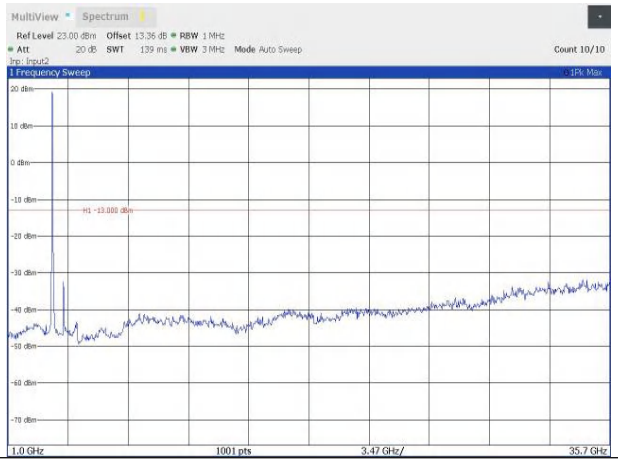


Fig.38

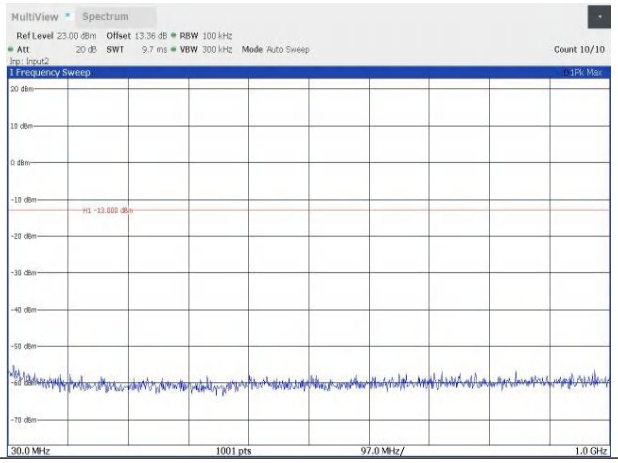


Fig.39

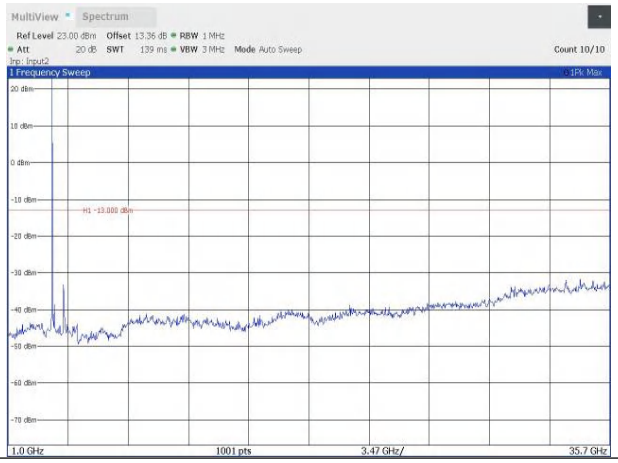


Fig.40

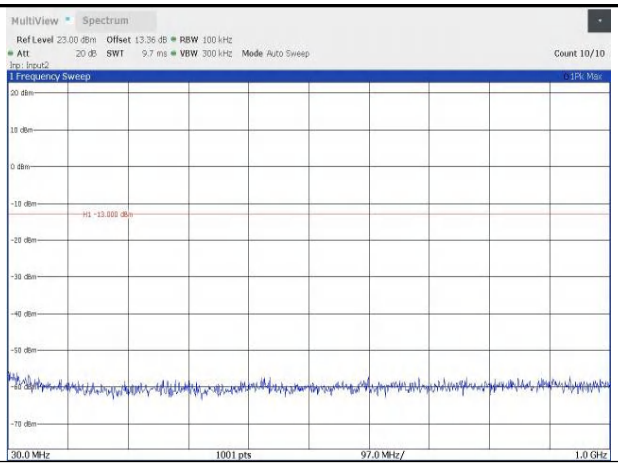


Fig.41

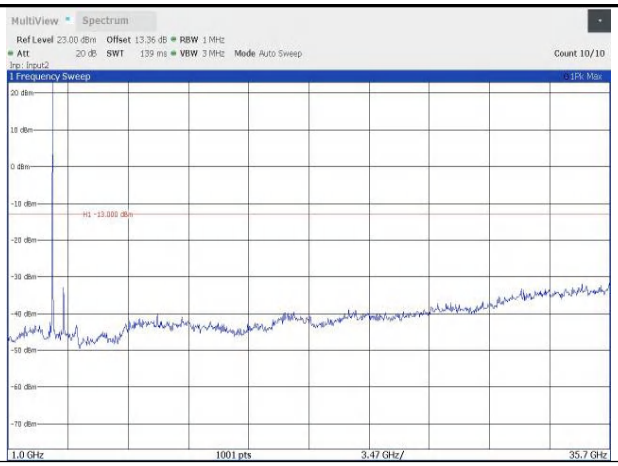


Fig.42

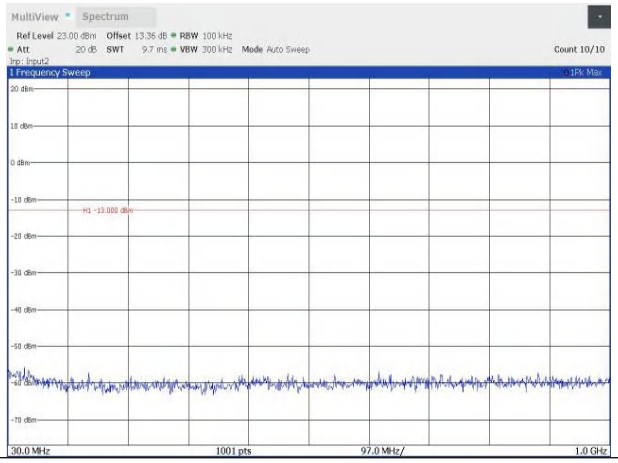


Fig.43

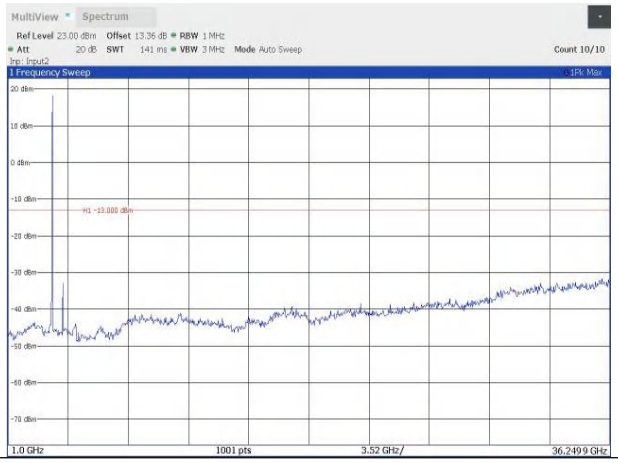


Fig.44

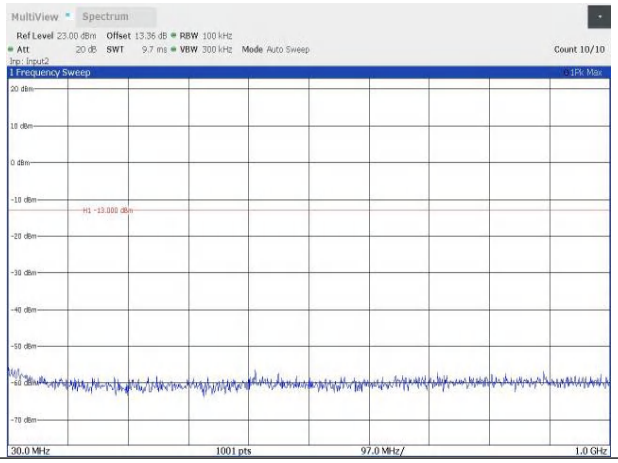


Fig.45

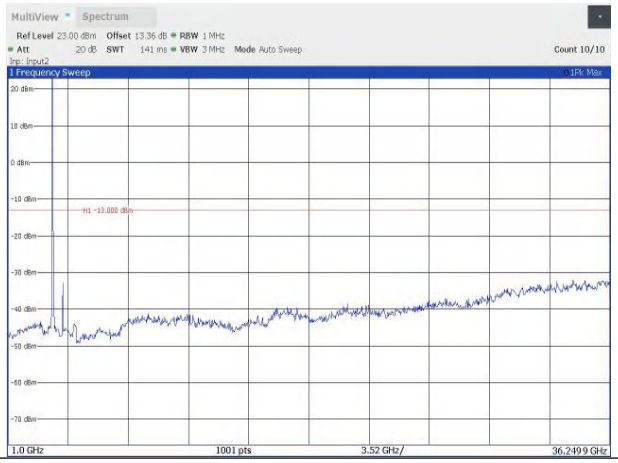


Fig.46

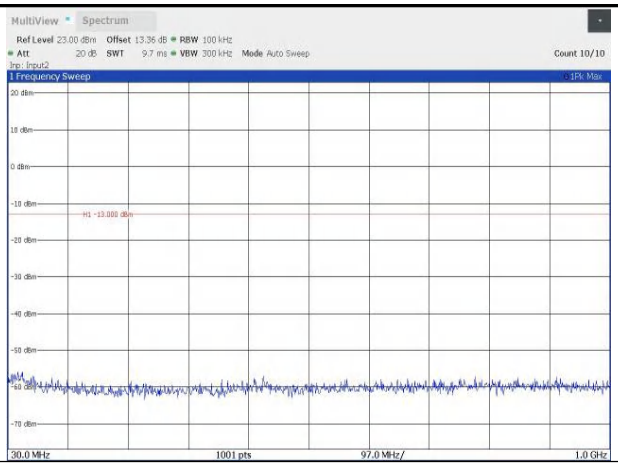


Fig.47

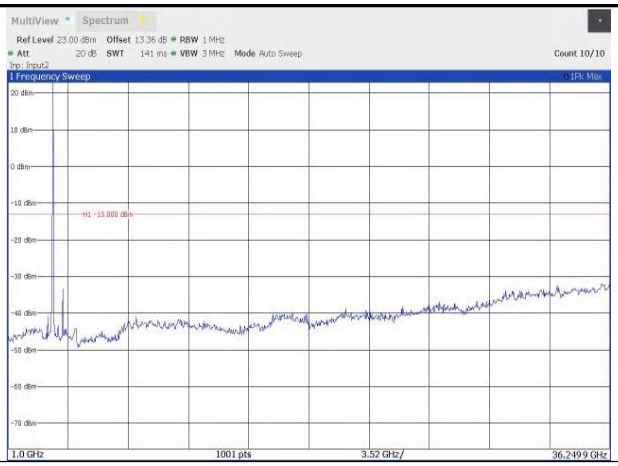


Fig.48

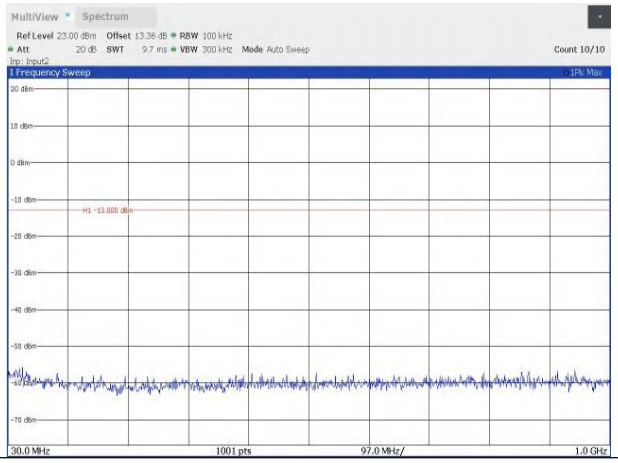


Fig.49

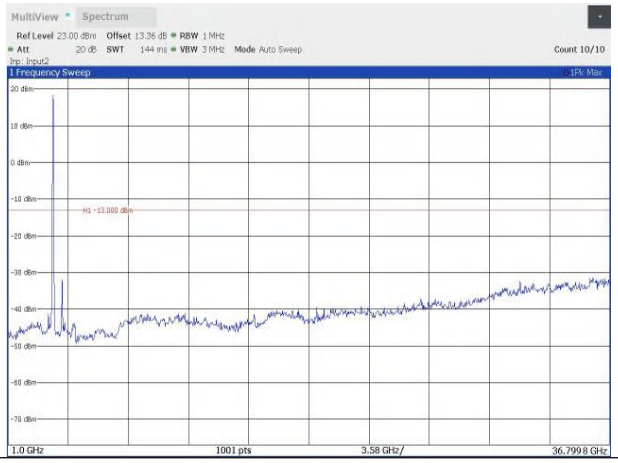


Fig.50

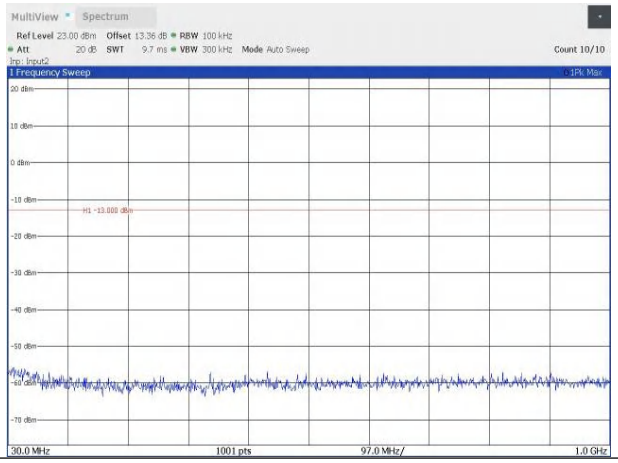


Fig.51

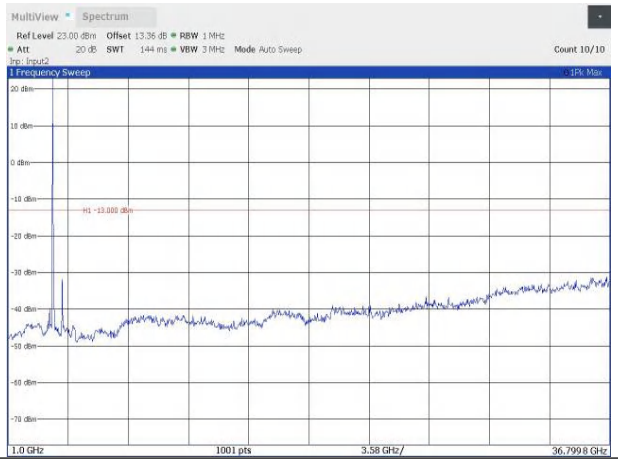


Fig.52

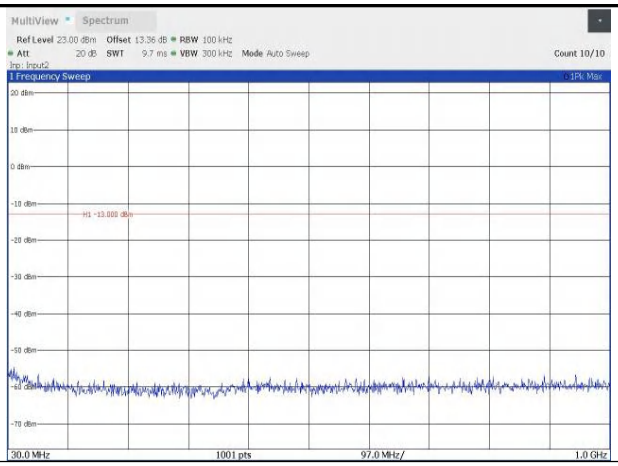


Fig.53

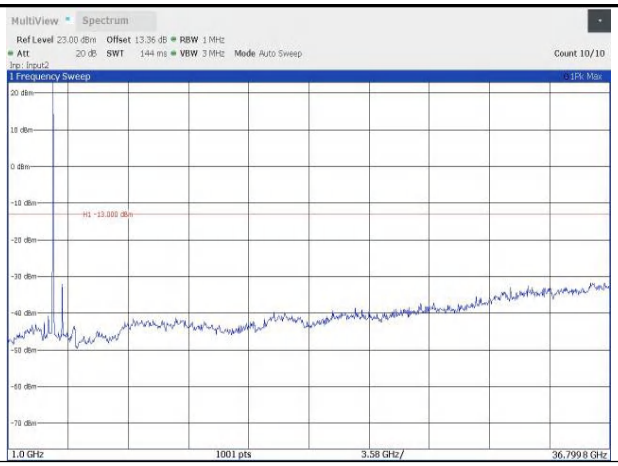


Fig.54

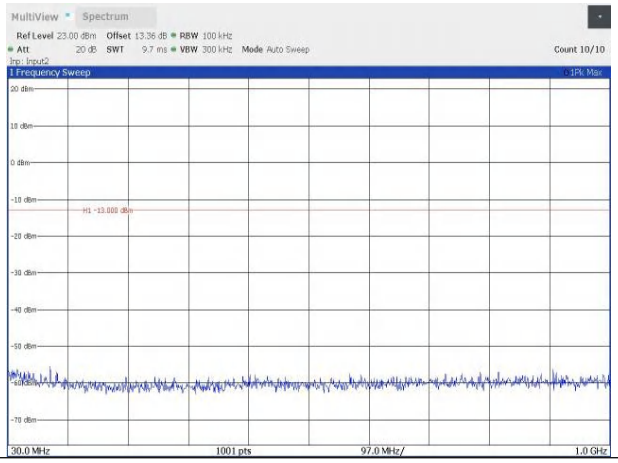
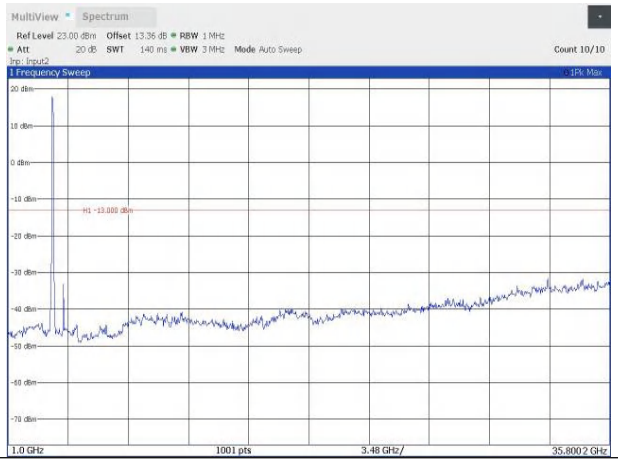


Fig.55



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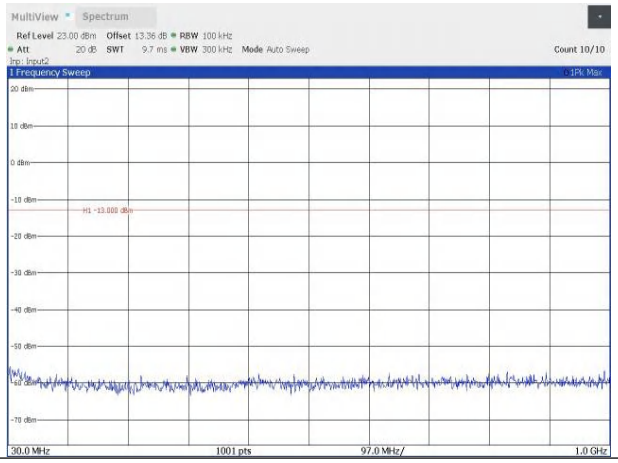

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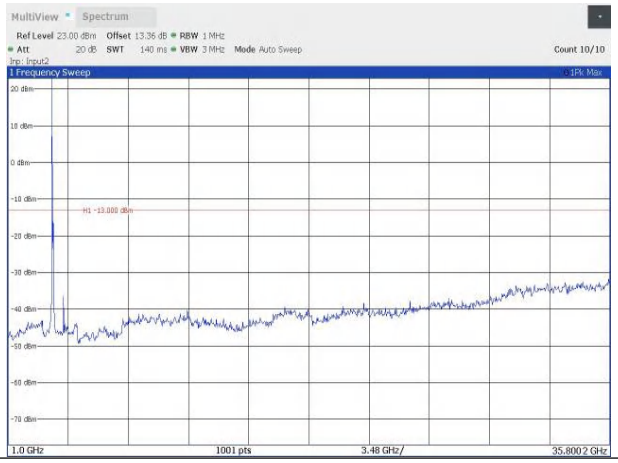

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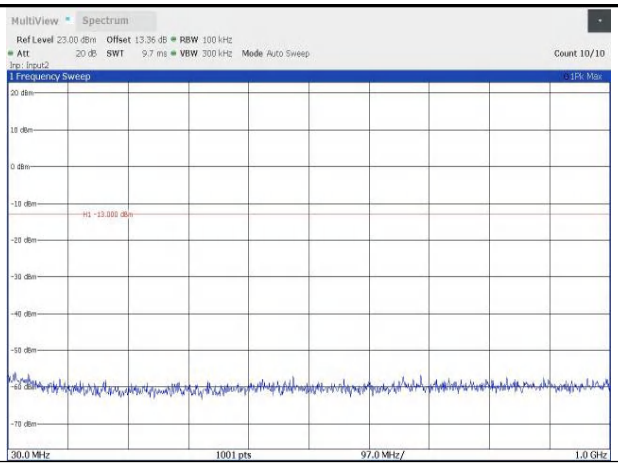

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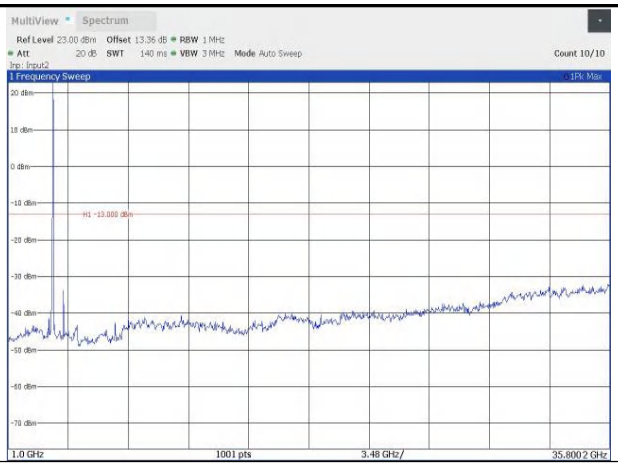

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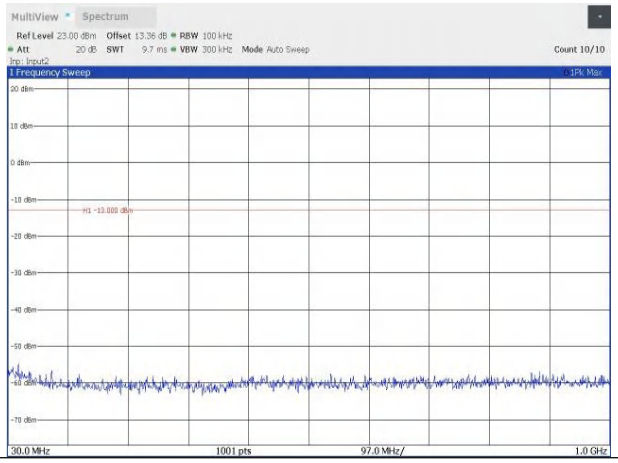

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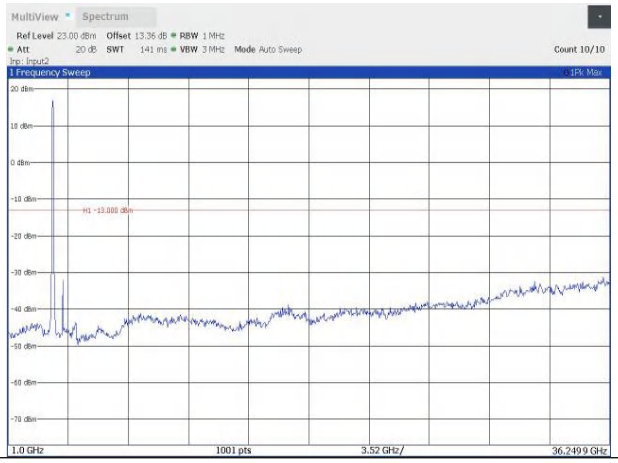

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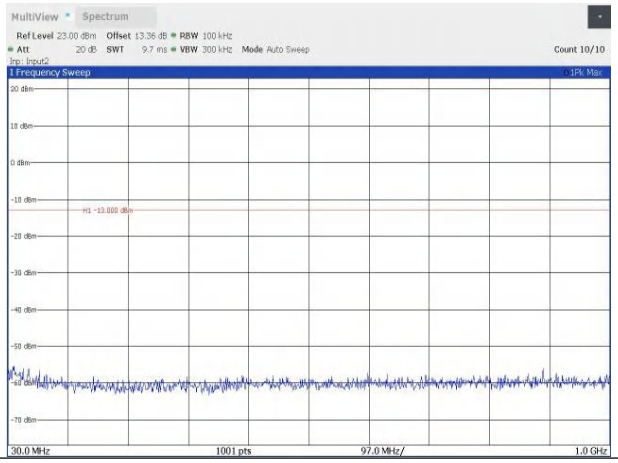

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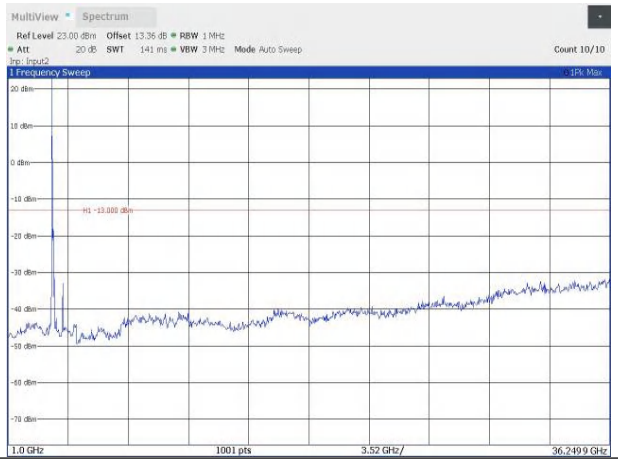

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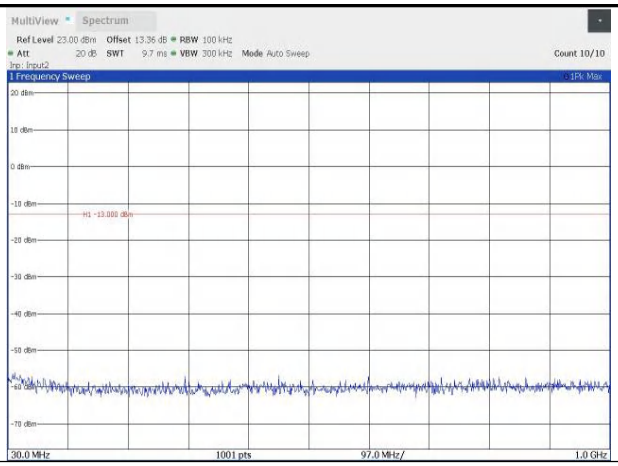

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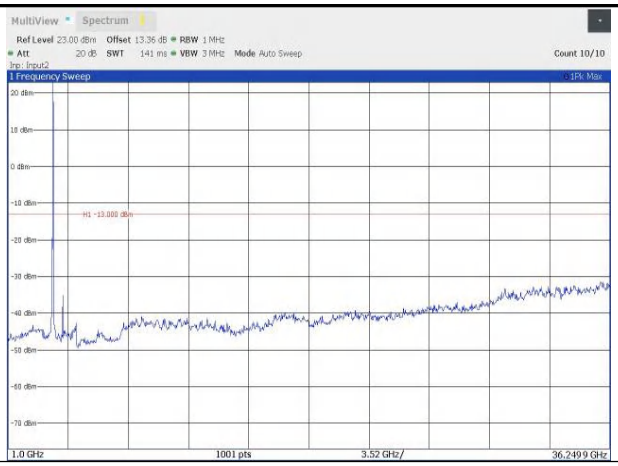

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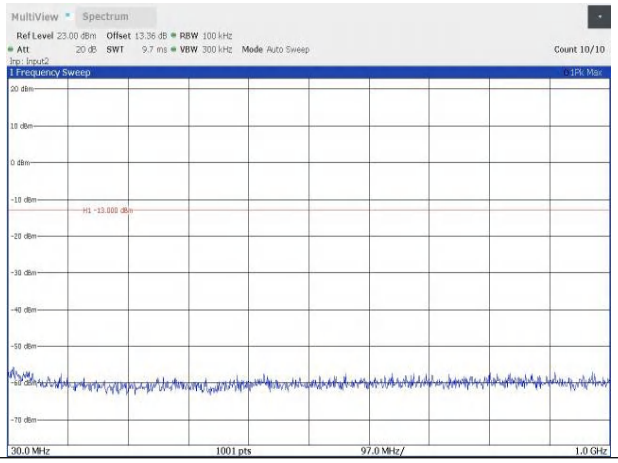

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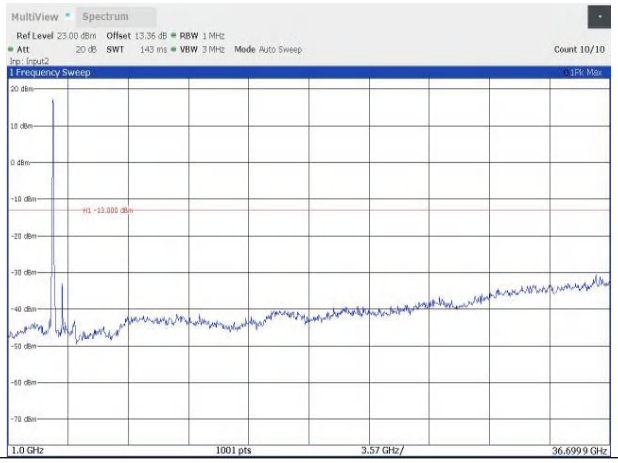

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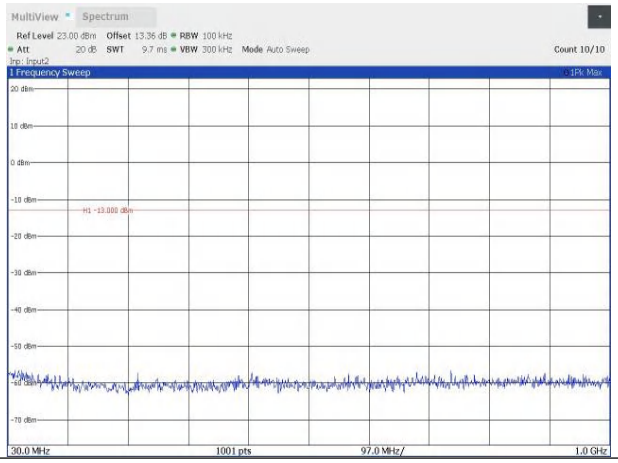

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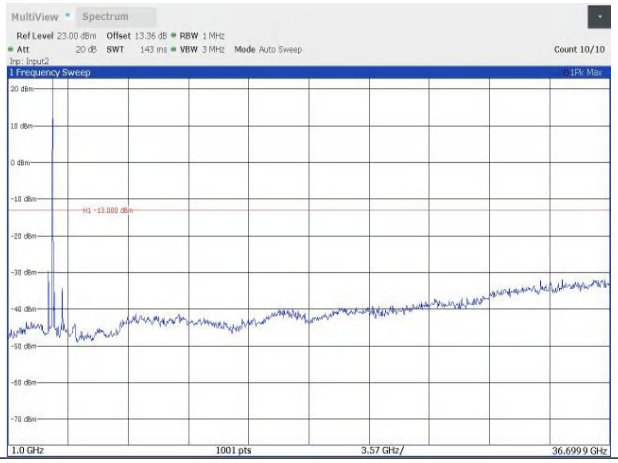
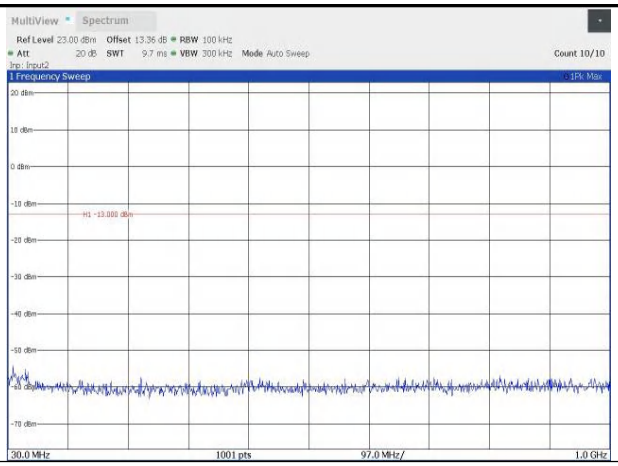


Fig.70



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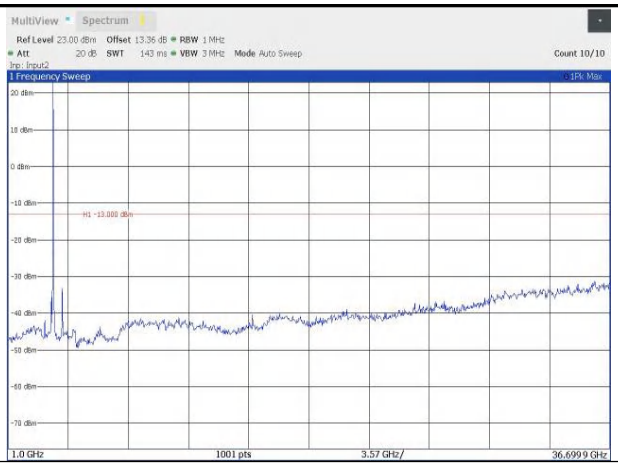

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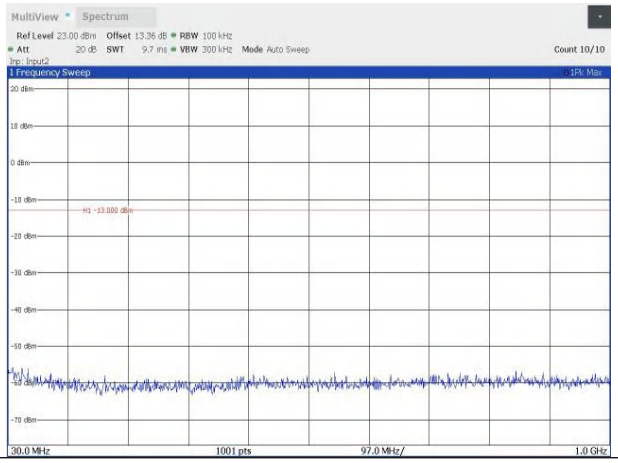

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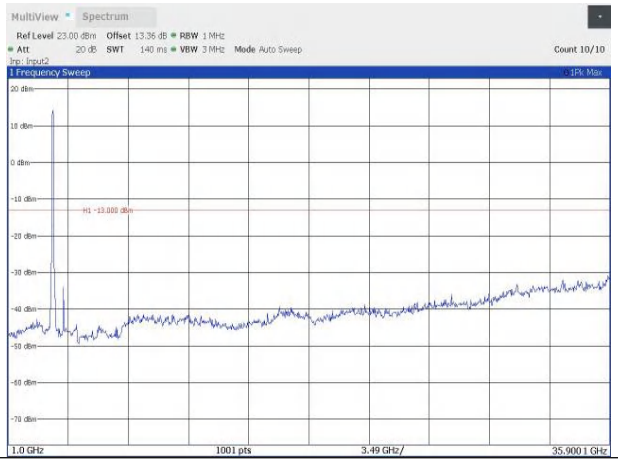
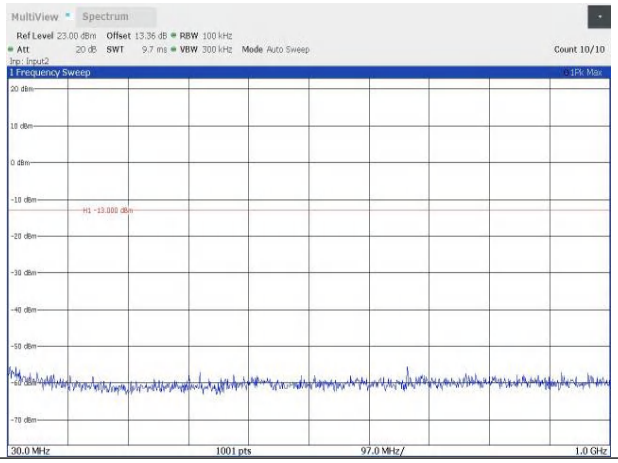


Fig.74



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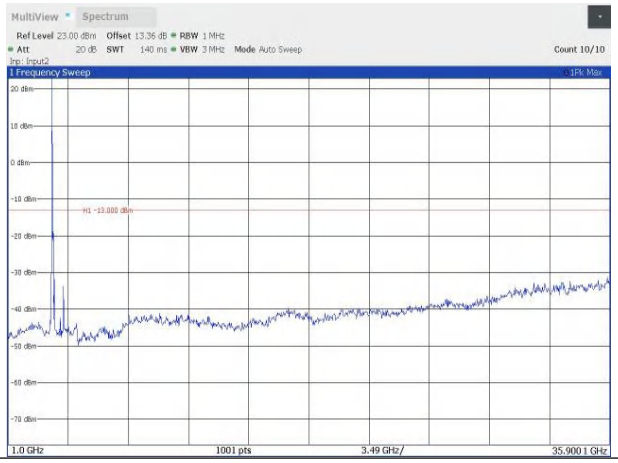

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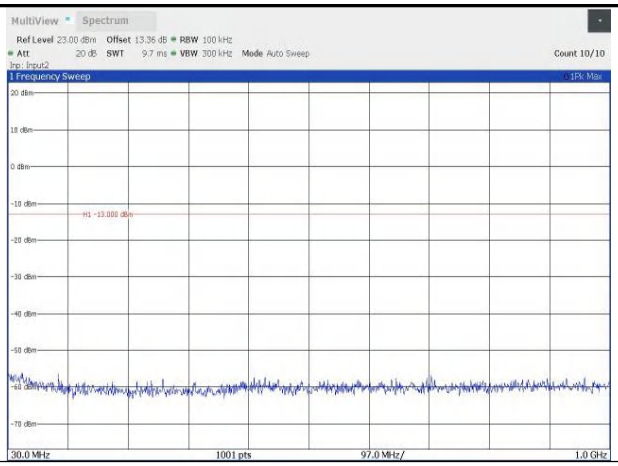

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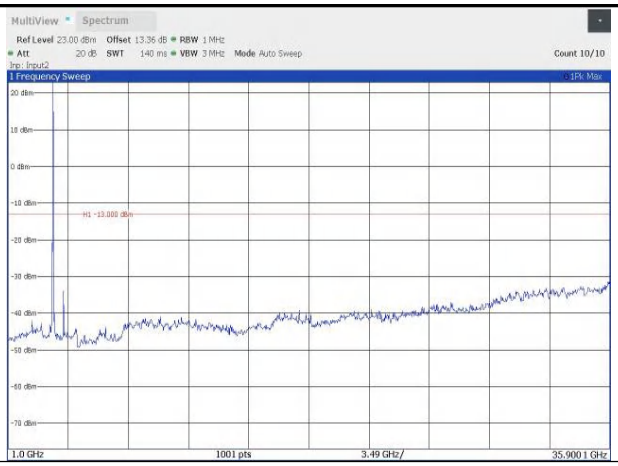

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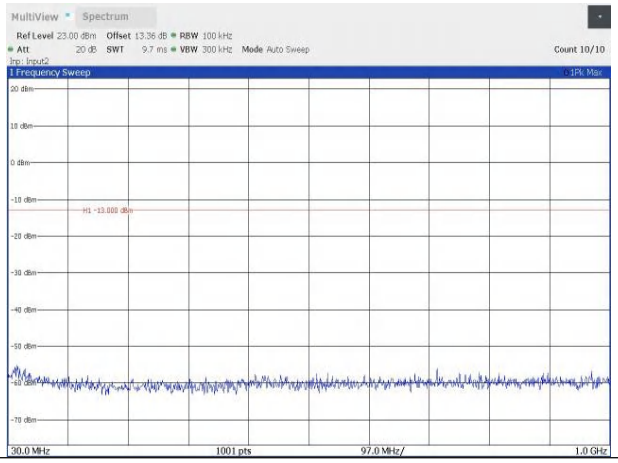

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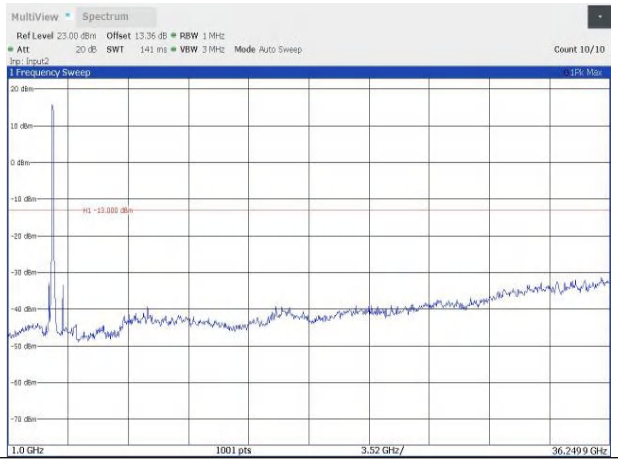

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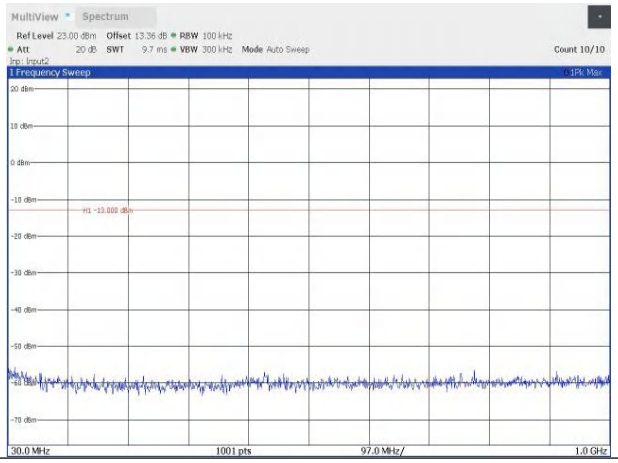

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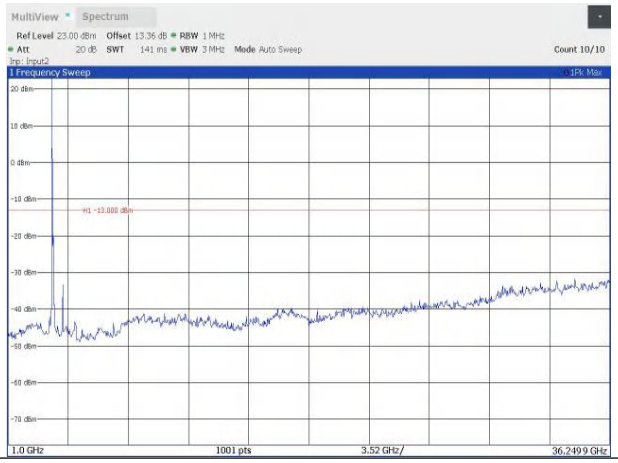

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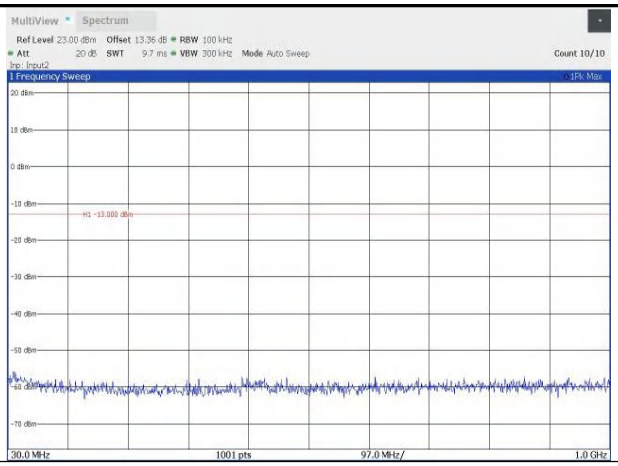

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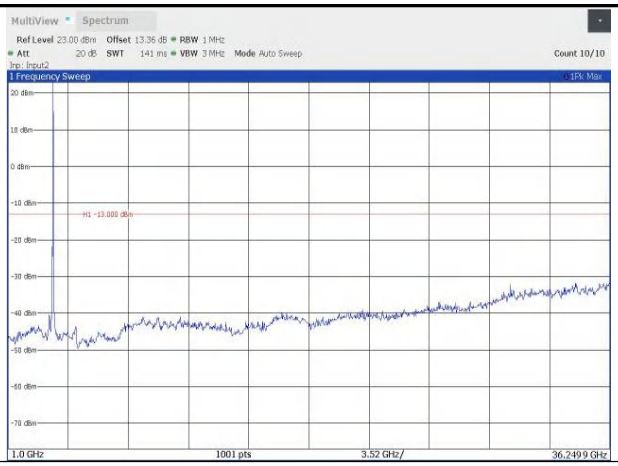

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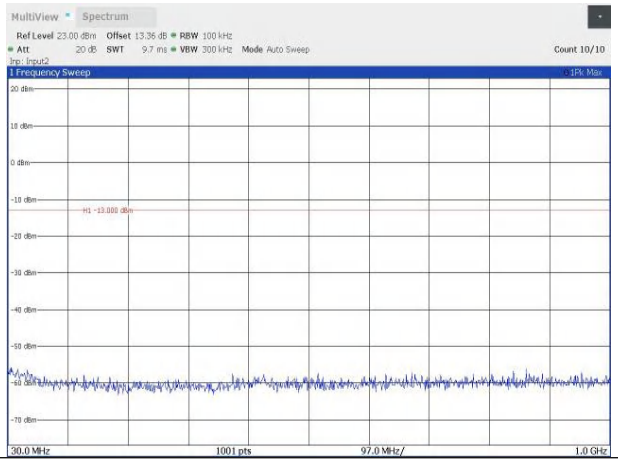

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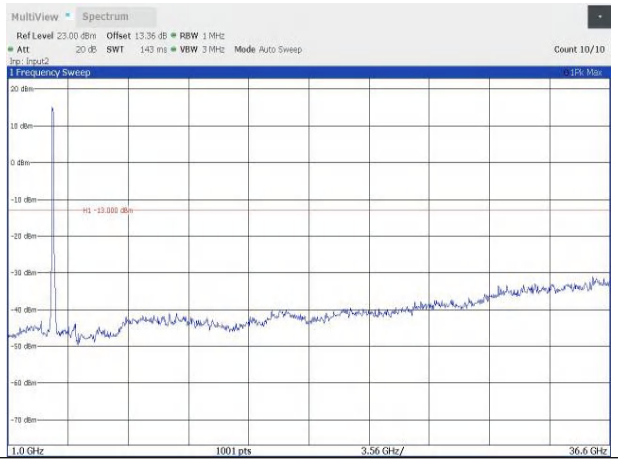

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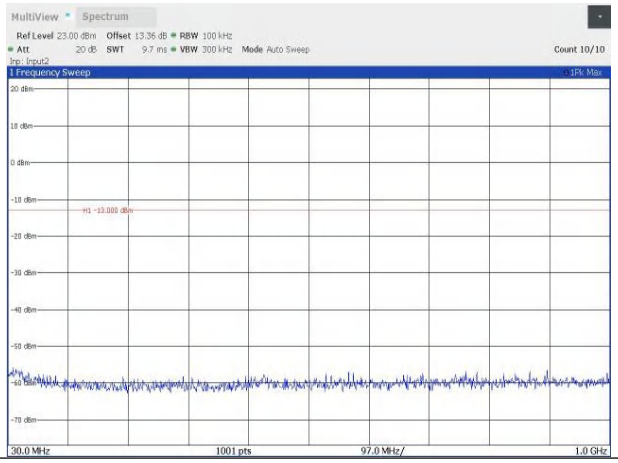

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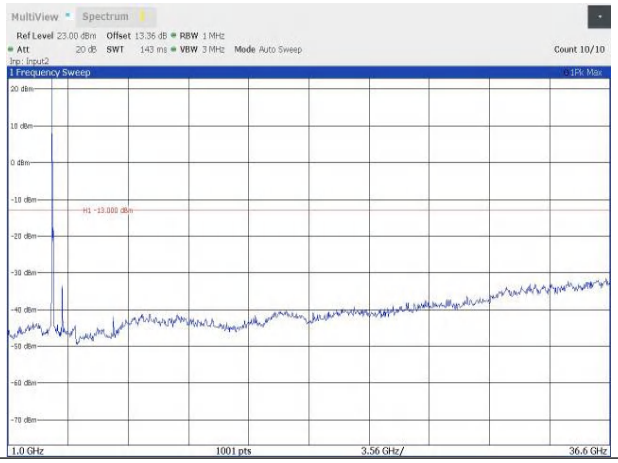

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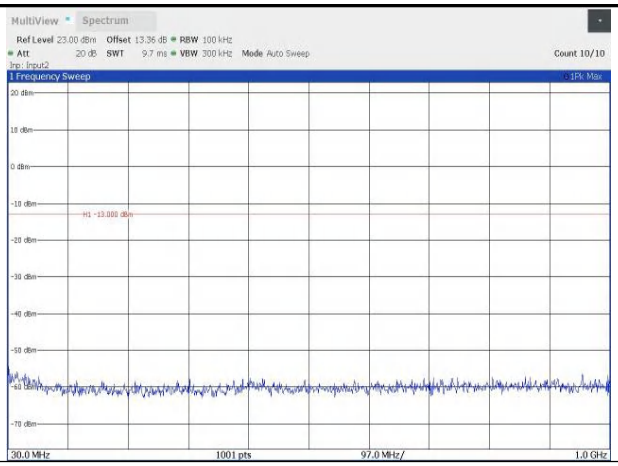

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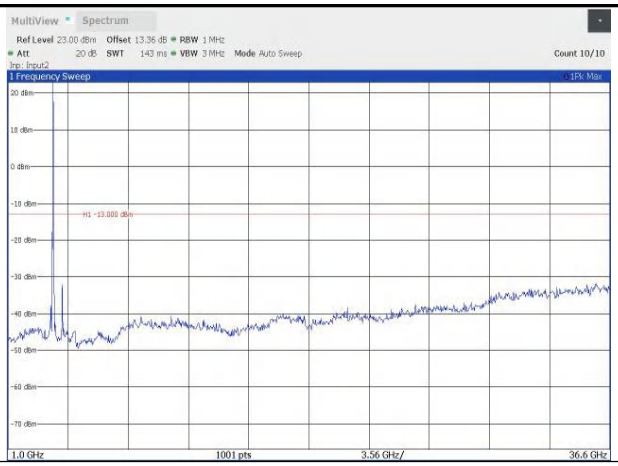

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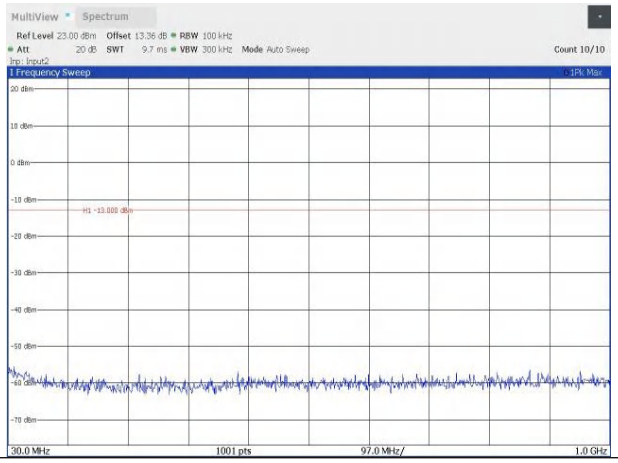

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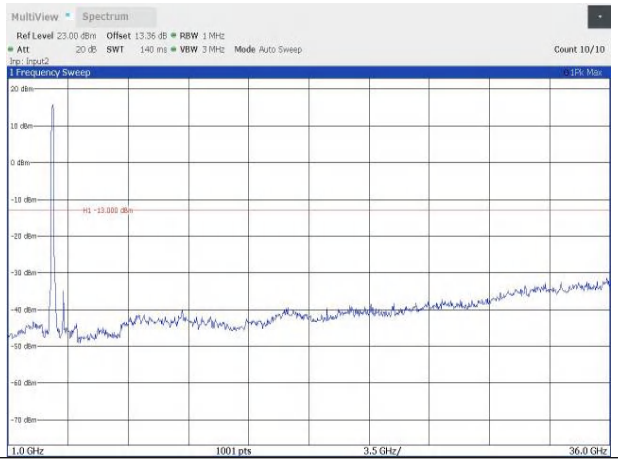


Fig.92

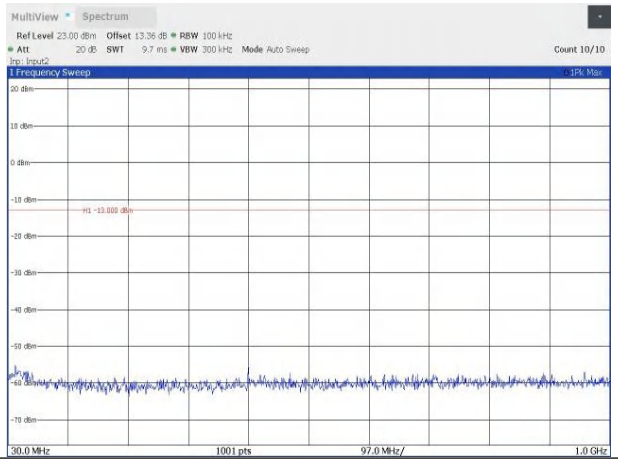


Fig.93

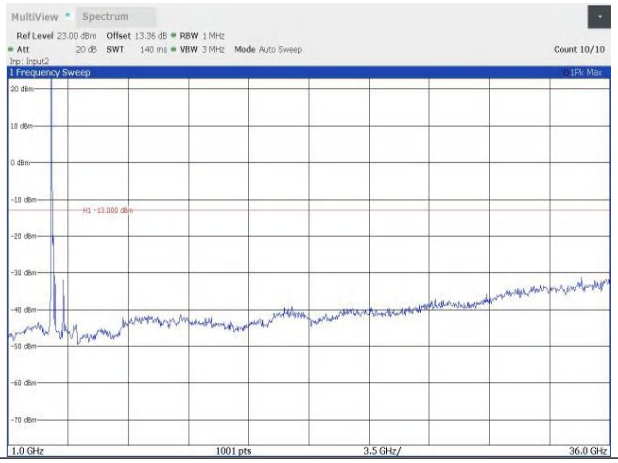


Fig.94

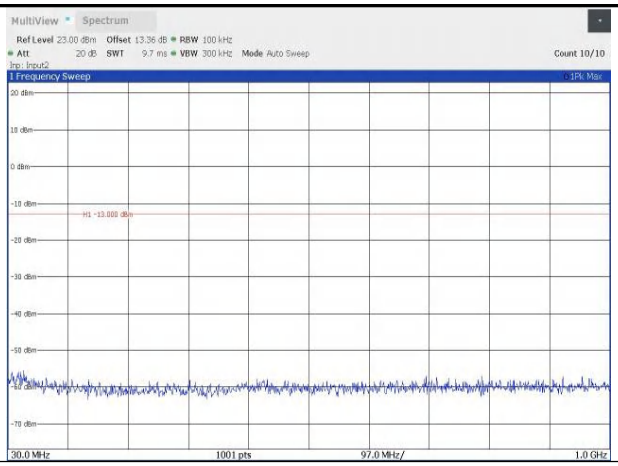


Fig.95

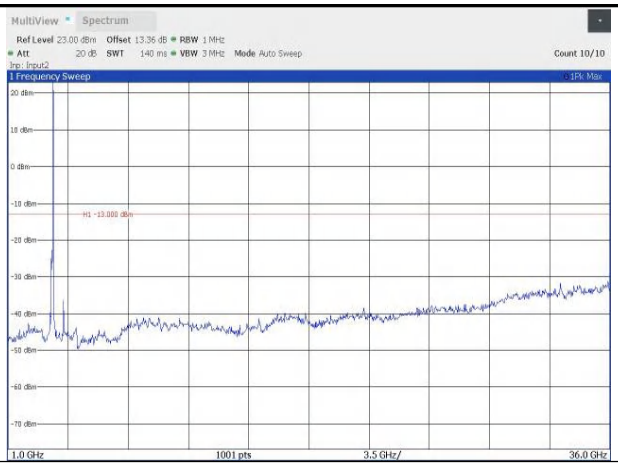
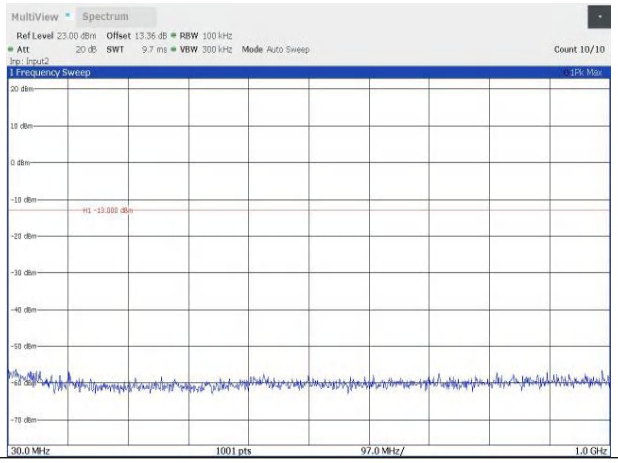


Fig.96



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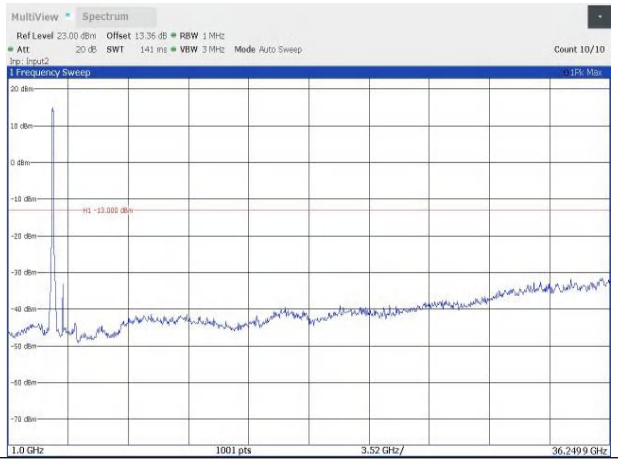
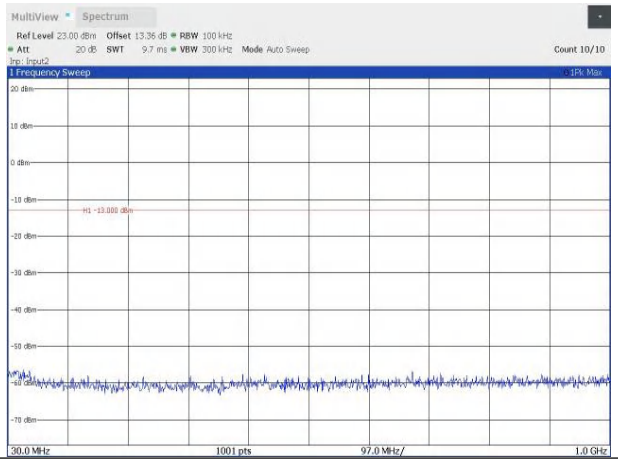


Fig.98



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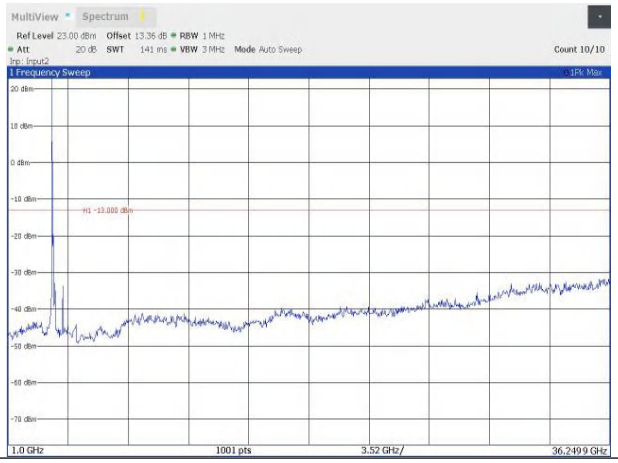


Fig.100

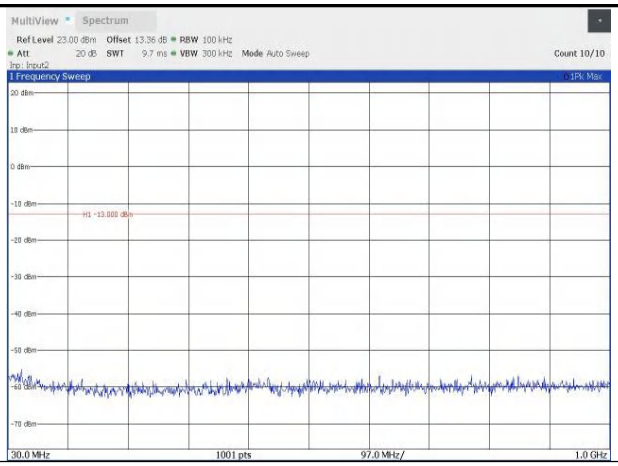
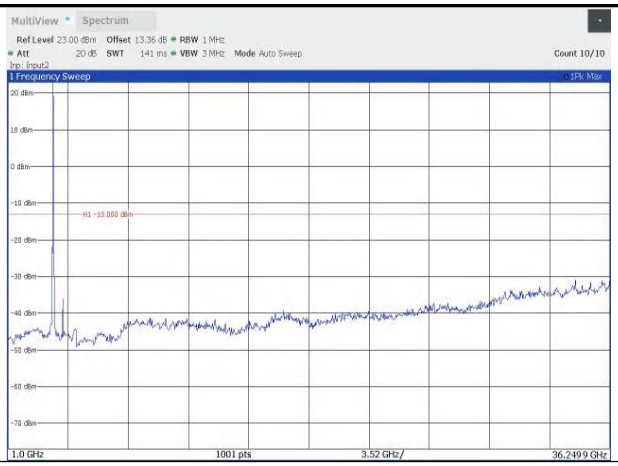


Fig.101



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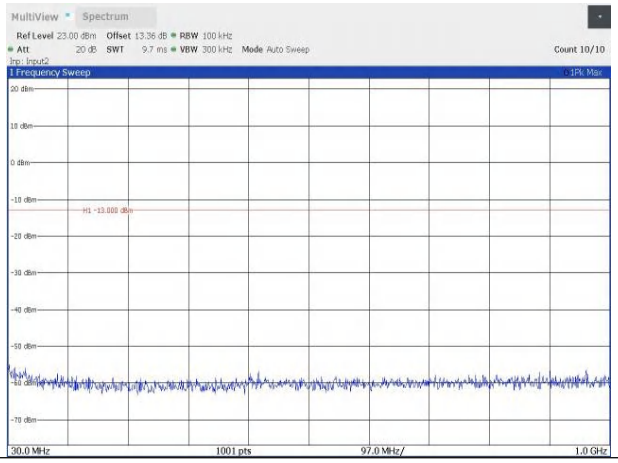

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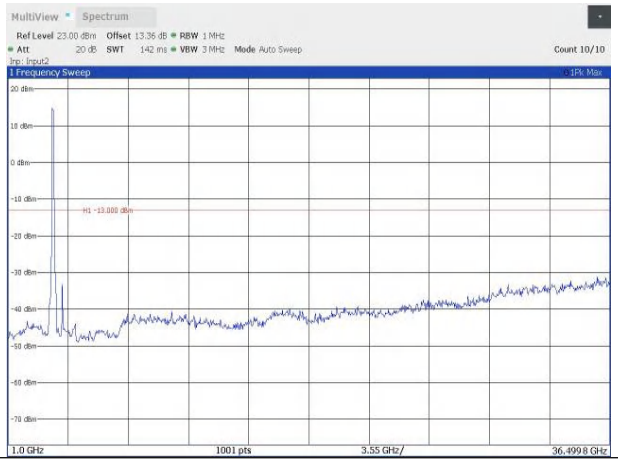

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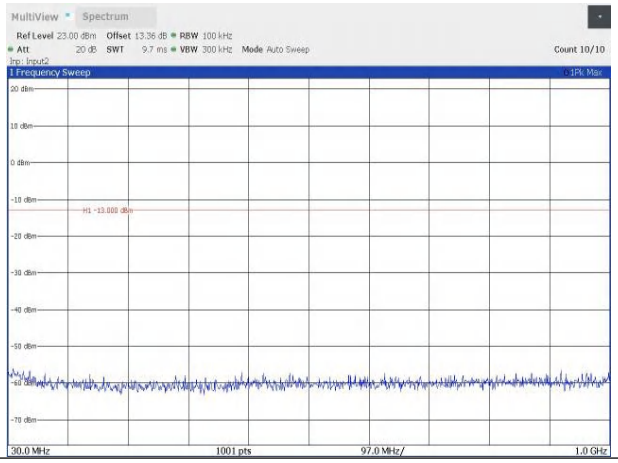

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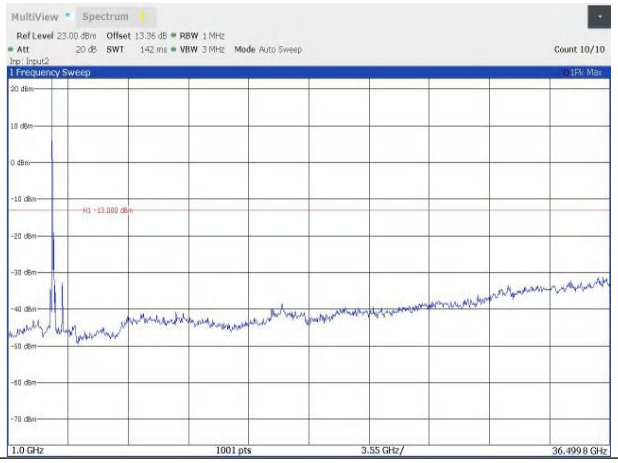

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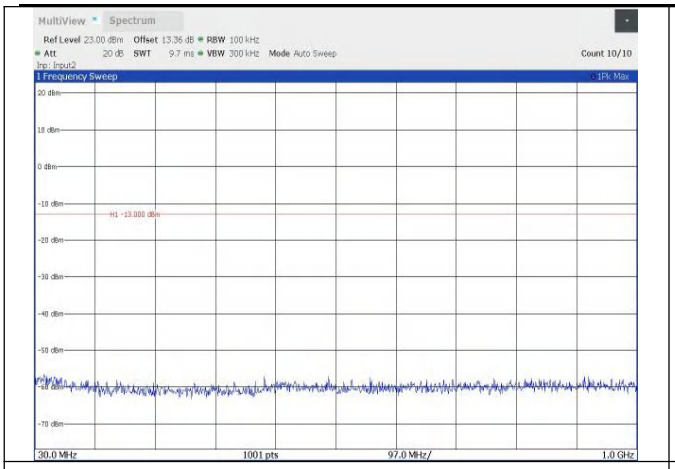

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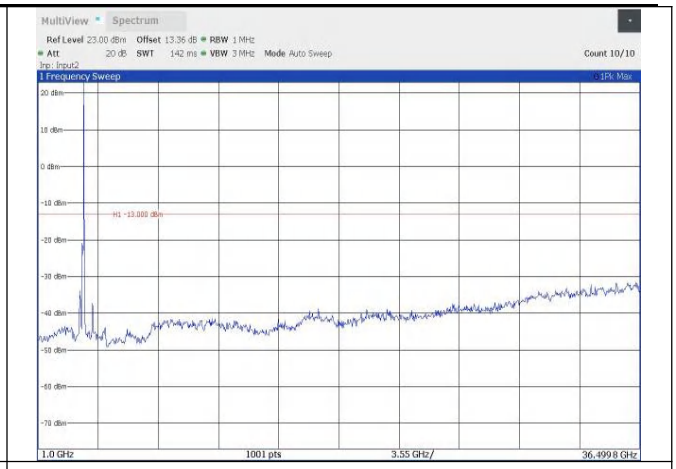

Fig.108

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	3560.01	637334	20	25	12	Fig.1
DFT-s-OFDM PI/2 BPSK	3560.01	637334	20	1	1	Fig.2
DFT-s-OFDM QPSK	3560.01	637334	20	25	12	Fig.3
DFT-s-OFDM QPSK	3560.01	637334	20	1	1	Fig.4
DFT-s-OFDM PI/2 BPSK	3690	646000	20	25	12	Fig.5
DFT-s-OFDM PI/2 BPSK	3690	646000	20	1	49	Fig.6
DFT-s-OFDM QPSK	3690	646000	20	25	12	Fig.7
DFT-s-OFDM QPSK	3690	646000	20	1	49	Fig.8
DFT-s-OFDM PI/2 BPSK	3565.02	637668	30	36	18	Fig.9
DFT-s-OFDM PI/2 BPSK	3565.02	637668	30	1	1	Fig.10
DFT-s-OFDM QPSK	3565.02	637668	30	36	18	Fig.11
DFT-s-OFDM QPSK	3565.02	637668	30	1	1	Fig.12
DFT-s-OFDM PI/2 BPSK	3684.99	645666	30	36	18	Fig.13
DFT-s-OFDM PI/2 BPSK	3684.99	645666	30	1	76	Fig.14
DFT-s-OFDM QPSK	3684.99	645666	30	36	18	Fig.15
DFT-s-OFDM QPSK	3684.99	645666	30	1	76	Fig.16
DFT-s-OFDM PI/2 BPSK	3570	638000	40	50	25	Fig.17
DFT-s-OFDM PI/2 BPSK	3570	638000	40	1	1	Fig.18
DFT-s-OFDM QPSK	3570	638000	40	50	25	Fig.19
DFT-s-OFDM QPSK	3570	638000	40	1	1	Fig.20
DFT-s-OFDM PI/2 BPSK	3679.98	645332	40	50	25	Fig.21
DFT-s-OFDM PI/2 BPSK	3679.98	645332	40	1	104	Fig.22
DFT-s-OFDM QPSK	3679.98	645332	40	50	25	Fig.23
DFT-s-OFDM QPSK	3679.98	645332	40	1	104	Fig.24
DFT-s-OFDM PI/2 BPSK	3580.02	638668	60	81	40	Fig.25
DFT-s-OFDM PI/2 BPSK	3580.02	638668	60	1	1	Fig.26
DFT-s-OFDM QPSK	3580.02	638668	60	81	40	Fig.27
DFT-s-OFDM QPSK	3580.02	638668	60	1	1	Fig.28
DFT-s-OFDM PI/2 BPSK	3669.99	644666	60	81	40	Fig.29
DFT-s-OFDM PI/2 BPSK	3669.99	644666	60	1	160	Fig.30
DFT-s-OFDM QPSK	3669.99	644666	60	81	40	Fig.31
DFT-s-OFDM QPSK	3669.99	644666	60	1	160	Fig.32
DFT-s-OFDM PI/2 BPSK	3590.01	639334	80	108	54	Fig.33
DFT-s-OFDM PI/2 BPSK	3590.01	639334	80	1	1	Fig.34
DFT-s-OFDM QPSK	3590.01	639334	80	108	54	Fig.35
DFT-s-OFDM QPSK	3590.01	639334	80	1	1	Fig.36
DFT-s-OFDM PI/2 BPSK	3660	644000	80	108	54	Fig.37
DFT-s-OFDM PI/2 BPSK	3660	644000	80	1	215	Fig.38
DFT-s-OFDM QPSK	3660	644000	80	108	54	Fig.39
DFT-s-OFDM QPSK	3660	644000	80	1	215	Fig.40
DFT-s-OFDM PI/2 BPSK	3600	640000	100	135	67	Fig.41
DFT-s-OFDM PI/2 BPSK	3600	640000	100	1	1	Fig.42

DFT-s-OFDM QPSK	3600	640000	100	135	67	Fig.43
DFT-s-OFDM QPSK	3600	640000	100	1	1	Fig.44
DFT-s-OFDM PI/2 BPSK	3649.98	643332	100	135	67	Fig.45
DFT-s-OFDM PI/2 BPSK	3649.98	643332	100	1	271	Fig.46
DFT-s-OFDM QPSK	3649.98	643332	100	135	67	Fig.47
DFT-s-OFDM QPSK	3649.98	643332	100	1	271	Fig.48

Test Plot:

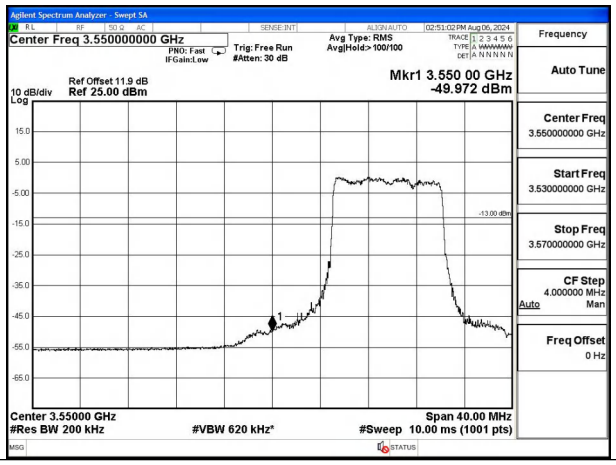

Fig.1

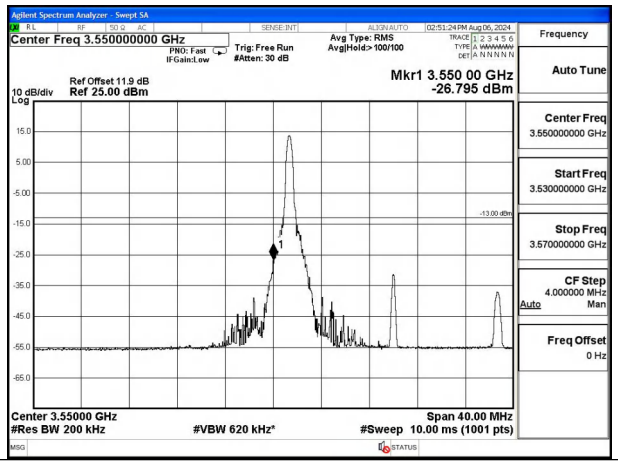

Fig.2

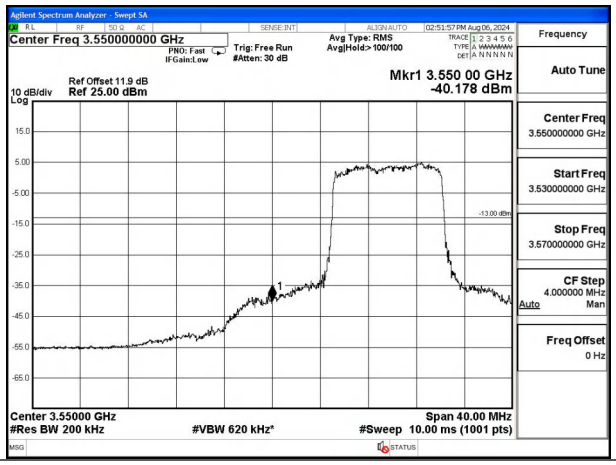

Fig.3

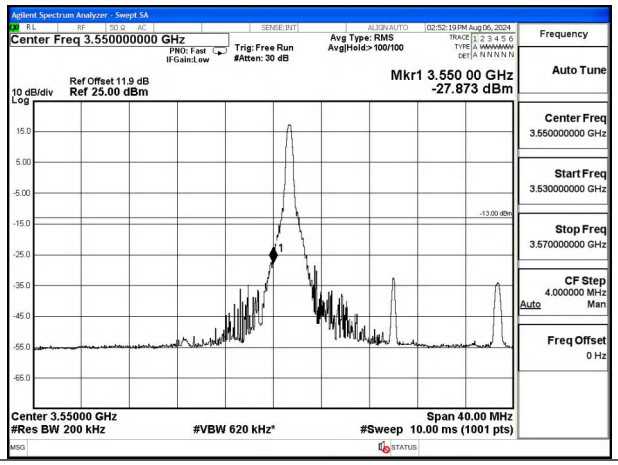

Fig.4

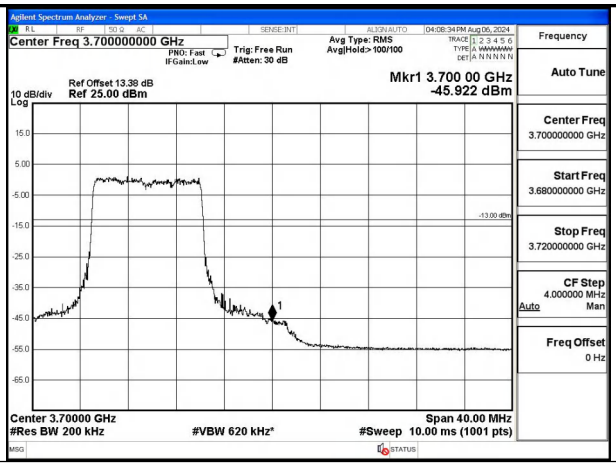

Fig.5

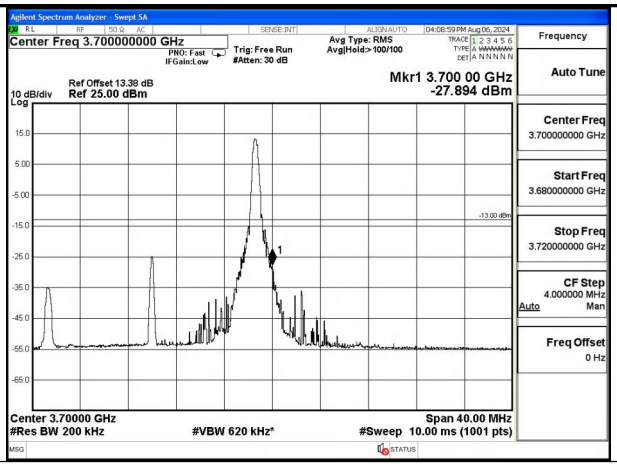

Fig.6

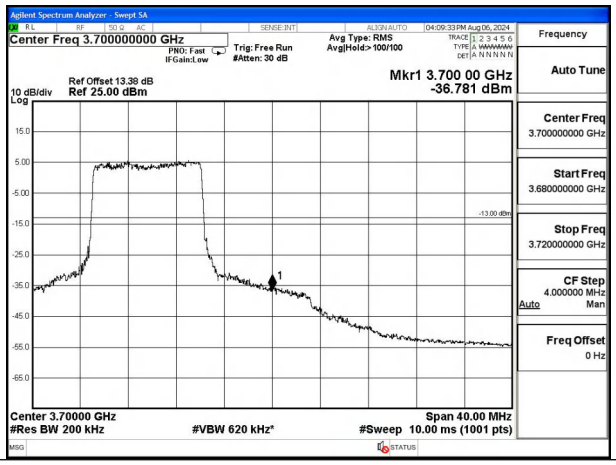

Fig.7

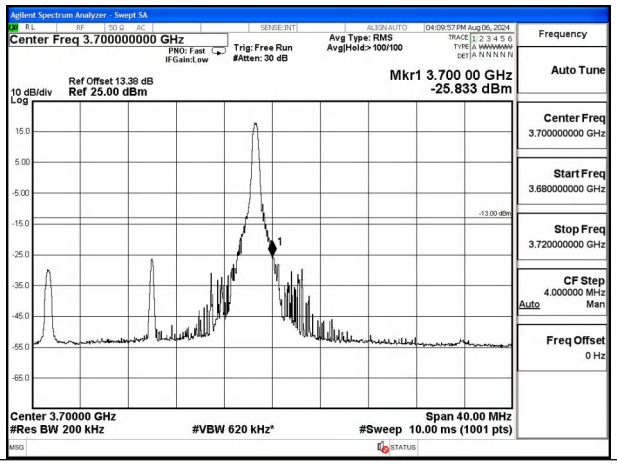

Fig.8

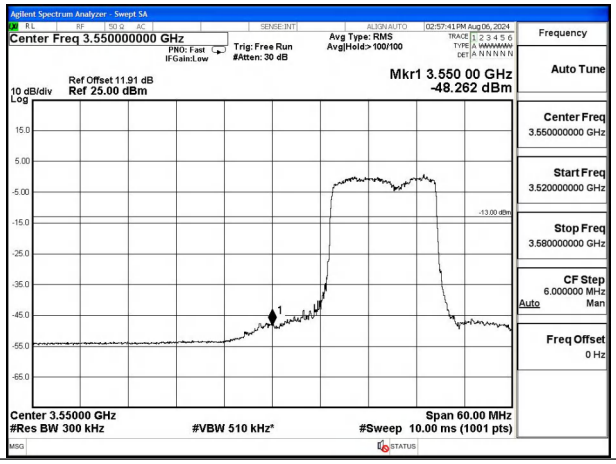

Fig.9

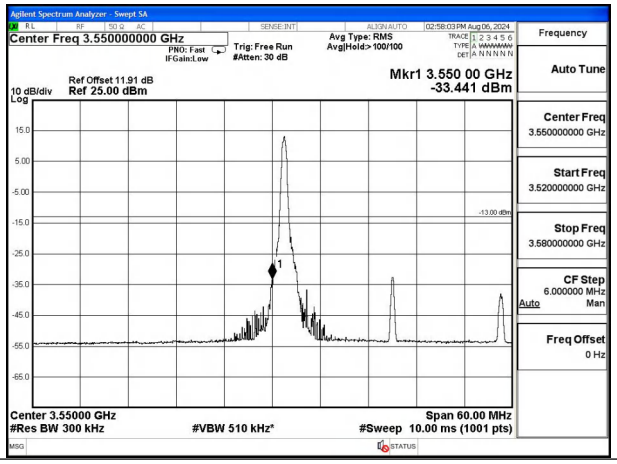

Fig.10