

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band LTE Band 41

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2498.5	39675	5	1	0	19.85
16QAM	2498.5	39675	5	1	12	19.79
16QAM	2498.5	39675	5	1	24	19.75
16QAM	2498.5	39675	5	12	0	19.05
16QAM	2498.5	39675	5	12	7	19.16
16QAM	2498.5	39675	5	12	13	19.12
16QAM	2498.5	39675	5	25	0	19.19
16QAM	2593	40620	5	1	0	20.05
16QAM	2593	40620	5	1	12	19.95
16QAM	2593	40620	5	1	24	19.96
16QAM	2593	40620	5	12	0	18.70
16QAM	2593	40620	5	12	7	18.97
16QAM	2593	40620	5	12	13	18.83
16QAM	2593	40620	5	25	0	19.10
16QAM	2687.5	41565	5	1	0	19.91
16QAM	2687.5	41565	5	1	12	20.09
16QAM	2687.5	41565	5	1	24	19.87
16QAM	2687.5	41565	5	12	0	18.59
16QAM	2687.5	41565	5	12	7	18.61
16QAM	2687.5	41565	5	12	13	18.58
16QAM	2687.5	41565	5	25	0	18.89
64QAM	2498.5	39675	5	1	0	20.04
64QAM	2498.5	39675	5	1	12	20.56
64QAM	2498.5	39675	5	1	24	20.16
64QAM	2498.5	39675	5	12	0	18.88
64QAM	2498.5	39675	5	12	7	18.98
64QAM	2498.5	39675	5	12	13	18.91
64QAM	2498.5	39675	5	25	0	19.03
64QAM	2593	40620	5	1	0	20.15
64QAM	2593	40620	5	1	12	20.02
64QAM	2593	40620	5	1	24	20.05
64QAM	2593	40620	5	12	0	18.79
64QAM	2593	40620	5	12	7	18.81
64QAM	2593	40620	5	12	13	18.68
64QAM	2593	40620	5	25	0	19.03
64QAM	2687.5	41565	5	1	0	19.69
64QAM	2687.5	41565	5	1	12	19.53
64QAM	2687.5	41565	5	1	24	19.52
64QAM	2687.5	41565	5	12	0	18.80
64QAM	2687.5	41565	5	12	7	18.72
64QAM	2687.5	41565	5	12	13	18.70

64QAM	2687.5	41565	5	25	0	18.71
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Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2498.5	39675	5	1	0	20.81
QPSK	2498.5	39675	5	1	12	20.86
QPSK	2498.5	39675	5	1	24	20.92
QPSK	2498.5	39675	5	12	0	20.99
QPSK	2498.5	39675	5	12	7	20.84
QPSK	2498.5	39675	5	12	13	20.91
QPSK	2498.5	39675	5	25	0	20.94
QPSK	2593	40620	5	1	0	20.46
QPSK	2593	40620	5	1	12	20.46
QPSK	2593	40620	5	1	24	20.51
QPSK	2593	40620	5	12	0	20.81
QPSK	2593	40620	5	12	7	20.83
QPSK	2593	40620	5	12	13	20.71
QPSK	2593	40620	5	25	0	20.69
QPSK	2687.5	41565	5	1	0	20.57
QPSK	2687.5	41565	5	1	12	20.66
QPSK	2687.5	41565	5	1	24	20.62
QPSK	2687.5	41565	5	12	0	20.60
QPSK	2687.5	41565	5	12	7	20.61
QPSK	2687.5	41565	5	12	13	20.60
QPSK	2687.5	41565	5	25	0	20.62

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2501	39700	10	1	0	20.00
16QAM	2501	39700	10	1	25	19.54
16QAM	2501	39700	10	1	49	20.43
16QAM	2501	39700	10	25	0	19.08
16QAM	2501	39700	10	25	12	19.04
16QAM	2501	39700	10	25	25	18.94
16QAM	2501	39700	10	50	0	18.74
16QAM	2593	40620	10	1	0	20.51
16QAM	2593	40620	10	1	25	20.40
16QAM	2593	40620	10	1	49	20.41
16QAM	2593	40620	10	25	0	18.83
16QAM	2593	40620	10	25	12	18.94
16QAM	2593	40620	10	25	25	18.88
16QAM	2593	40620	10	50	0	18.91
16QAM	2685	41540	10	1	0	19.65
16QAM	2685	41540	10	1	25	19.65
16QAM	2685	41540	10	1	49	19.60
16QAM	2685	41540	10	25	0	18.73
16QAM	2685	41540	10	25	12	18.78
16QAM	2685	41540	10	25	25	18.72
16QAM	2685	41540	10	50	0	18.39
64QAM	2501	39700	10	1	0	20.09
64QAM	2501	39700	10	1	25	20.00
64QAM	2501	39700	10	1	49	20.09
64QAM	2501	39700	10	25	0	18.95
64QAM	2501	39700	10	25	12	18.95
64QAM	2501	39700	10	25	25	18.94
64QAM	2501	39700	10	50	0	18.72
64QAM	2593	40620	10	1	0	20.03
64QAM	2593	40620	10	1	25	19.98
64QAM	2593	40620	10	1	49	20.11
64QAM	2593	40620	10	25	0	18.80
64QAM	2593	40620	10	25	12	18.91
64QAM	2593	40620	10	25	25	18.73
64QAM	2593	40620	10	50	0	18.77
64QAM	2685	41540	10	1	0	19.39
64QAM	2685	41540	10	1	25	19.29
64QAM	2685	41540	10	1	49	19.35
64QAM	2685	41540	10	25	0	18.79
64QAM	2685	41540	10	25	12	18.71
64QAM	2685	41540	10	25	25	18.77
64QAM	2685	41540	10	50	0	18.40

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2501	39700	10	1	0	20.99
QPSK	2501	39700	10	1	25	20.86
QPSK	2501	39700	10	1	49	20.84
QPSK	2501	39700	10	25	0	20.95
QPSK	2501	39700	10	25	12	20.95
QPSK	2501	39700	10	25	25	20.82
QPSK	2501	39700	10	50	0	20.52
QPSK	2593	40620	10	1	0	20.68
QPSK	2593	40620	10	1	25	20.66
QPSK	2593	40620	10	1	49	20.69
QPSK	2593	40620	10	25	0	20.72
QPSK	2593	40620	10	25	12	20.70
QPSK	2593	40620	10	25	25	20.66
QPSK	2593	40620	10	50	0	20.39
QPSK	2685	41540	10	1	0	20.61
QPSK	2685	41540	10	1	25	20.56
QPSK	2685	41540	10	1	49	20.49
QPSK	2685	41540	10	25	0	20.53
QPSK	2685	41540	10	25	12	20.57
QPSK	2685	41540	10	25	25	20.50
QPSK	2685	41540	10	50	0	20.25

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2503.5	39725	15	1	0	20.05
16QAM	2503.5	39725	15	1	37	20.18
16QAM	2503.5	39725	15	1	74	20.35
16QAM	2503.5	39725	15	36	0	19.12
16QAM	2503.5	39725	15	36	29	19.04
16QAM	2503.5	39725	15	36	30	18.93
16QAM	2503.5	39725	15	75	0	18.73
16QAM	2593	40620	15	1	0	20.60
16QAM	2593	40620	15	1	37	20.37
16QAM	2593	40620	15	1	74	20.39
16QAM	2593	40620	15	36	0	18.80
16QAM	2593	40620	15	36	29	18.93
16QAM	2593	40620	15	36	30	18.86
16QAM	2593	40620	15	75	0	18.80
16QAM	2682.5	41515	15	1	0	19.54
16QAM	2682.5	41515	15	1	37	19.40
16QAM	2682.5	41515	15	1	74	19.30
16QAM	2682.5	41515	15	36	0	18.78
16QAM	2682.5	41515	15	36	29	18.81
16QAM	2682.5	41515	15	36	30	18.82
16QAM	2682.5	41515	15	75	0	18.54
64QAM	2503.5	39725	15	1	0	19.68
64QAM	2503.5	39725	15	1	37	19.75
64QAM	2503.5	39725	15	1	74	19.72
64QAM	2503.5	39725	15	36	0	19.00
64QAM	2503.5	39725	15	36	29	18.93
64QAM	2503.5	39725	15	36	30	18.93
64QAM	2503.5	39725	15	75	0	18.74
64QAM	2593	40620	15	1	0	20.17
64QAM	2593	40620	15	1	37	19.97
64QAM	2593	40620	15	1	74	19.95
64QAM	2593	40620	15	36	0	18.84
64QAM	2593	40620	15	36	29	18.84
64QAM	2593	40620	15	36	30	18.85
64QAM	2593	40620	15	75	0	18.84
64QAM	2682.5	41515	15	1	0	18.92
64QAM	2682.5	41515	15	1	37	18.70
64QAM	2682.5	41515	15	1	74	18.85
64QAM	2682.5	41515	15	36	0	18.91
64QAM	2682.5	41515	15	36	29	18.80
64QAM	2682.5	41515	15	36	30	18.81
64QAM	2682.5	41515	15	75	0	18.40

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2503.5	39725	15	1	0	20.90
QPSK	2503.5	39725	15	1	37	20.72
QPSK	2503.5	39725	15	1	74	20.83
QPSK	2503.5	39725	15	36	0	20.96
QPSK	2503.5	39725	15	36	29	20.79
QPSK	2503.5	39725	15	36	30	20.79
QPSK	2503.5	39725	15	75	0	20.48
QPSK	2593	40620	15	1	0	20.78
QPSK	2593	40620	15	1	37	20.75
QPSK	2593	40620	15	1	74	20.74
QPSK	2593	40620	15	36	0	20.83
QPSK	2593	40620	15	36	29	20.84
QPSK	2593	40620	15	36	30	20.74
QPSK	2593	40620	15	75	0	20.49
QPSK	2682.5	41515	15	1	0	20.88
QPSK	2682.5	41515	15	1	37	20.78
QPSK	2682.5	41515	15	1	74	20.63
QPSK	2682.5	41515	15	36	0	20.68
QPSK	2682.5	41515	15	36	29	20.73
QPSK	2682.5	41515	15	36	30	20.73
QPSK	2682.5	41515	15	75	0	20.38

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2506	39750	20	1	0	20.09
16QAM	2506	39750	20	1	49	20.04
16QAM	2506	39750	20	1	99	20.01
16QAM	2506	39750	20	50	0	19.16
16QAM	2506	39750	20	50	24	19.06
16QAM	2506	39750	20	50	50	19.01
16QAM	2506	39750	20	100	0	18.63
16QAM	2593	40620	20	1	0	19.75
16QAM	2593	40620	20	1	49	19.71
16QAM	2593	40620	20	1	99	19.66
16QAM	2593	40620	20	50	0	18.84
16QAM	2593	40620	20	50	24	18.99
16QAM	2593	40620	20	50	50	18.92
16QAM	2593	40620	20	100	0	18.74
16QAM	2680	41490	20	1	0	19.49
16QAM	2680	41490	20	1	49	19.34
16QAM	2680	41490	20	1	99	19.34
16QAM	2680	41490	20	50	0	18.85
16QAM	2680	41490	20	50	24	18.84
16QAM	2680	41490	20	50	50	18.89
16QAM	2680	41490	20	100	0	18.50
64QAM	2506	39750	20	1	0	20.14
64QAM	2506	39750	20	1	49	20.23
64QAM	2506	39750	20	1	99	20.05
64QAM	2506	39750	20	50	0	19.16
64QAM	2506	39750	20	50	24	19.06
64QAM	2506	39750	20	50	50	19.03
64QAM	2506	39750	20	100	0	18.64
64QAM	2593	40620	20	1	0	19.51
64QAM	2593	40620	20	1	49	19.54
64QAM	2593	40620	20	1	99	19.34
64QAM	2593	40620	20	50	0	18.83
64QAM	2593	40620	20	50	24	18.97
64QAM	2593	40620	20	50	50	18.91
64QAM	2593	40620	20	100	0	18.66
64QAM	2680	41490	20	1	0	19.78
64QAM	2680	41490	20	1	49	19.65
64QAM	2680	41490	20	1	99	19.70
64QAM	2680	41490	20	50	0	18.86
64QAM	2680	41490	20	50	24	18.85
64QAM	2680	41490	20	50	50	18.89
64QAM	2680	41490	20	100	0	18.50

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2506	39750	20	1	0	20.91
QPSK	2506	39750	20	1	49	20.84
QPSK	2506	39750	20	1	99	20.74
QPSK	2506	39750	20	50	0	20.90
QPSK	2506	39750	20	50	24	21.03
QPSK	2506	39750	20	50	50	20.78
QPSK	2506	39750	20	100	0	20.50
QPSK	2593	40620	20	1	0	20.91
QPSK	2593	40620	20	1	49	20.88
QPSK	2593	40620	20	1	99	20.82
QPSK	2593	40620	20	50	0	20.80
QPSK	2593	40620	20	50	24	20.75
QPSK	2593	40620	20	50	50	20.72
QPSK	2593	40620	20	100	0	20.45
QPSK	2680	41490	20	1	0	20.74
QPSK	2680	41490	20	1	49	20.68
QPSK	2680	41490	20	1	99	20.82
QPSK	2680	41490	20	50	0	20.65
QPSK	2680	41490	20	50	24	20.71
QPSK	2680	41490	20	50	50	20.63
QPSK	2680	41490	20	100	0	20.32

2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
Band 41	QPSK	2498.5	39675	5	25	0	4.493	Fig.1
Band 41	QPSK	2593	40620	5	25	0	4.450	Fig.2
Band 41	QPSK	2687.5	41565	5	25	0	4.472	Fig.3
Band 41	QPSK	2501	39700	10	50	0	8.944	Fig.4
Band 41	QPSK	2593	40620	10	50	0	8.944	Fig.5
Band 41	QPSK	2685	41540	10	50	0	8.640	Fig.6
Band 41	QPSK	2503.5	39725	15	75	0	13.415	Fig.7
Band 41	QPSK	2593	40620	15	75	0	13.415	Fig.8
Band 41	QPSK	2682.5	41515	15	75	0	13.285	Fig.9
Band 41	QPSK	2506	39750	20	100	0	17.887	Fig.10
Band 41	QPSK	2593	40620	20	100	0	17.887	Fig.11
Band 41	QPSK	2680	41490	20	100	0	17.887	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
Band 41	16QAM	2498.5	39675	5	25	0	4.472	Fig.13
Band 41	16QAM	2593	40620	5	25	0	4.472	Fig.14
Band 41	16QAM	2687.5	41565	5	25	0	4.472	Fig.15
Band 41	16QAM	2501	39700	10	50	0	8.944	Fig.16
Band 41	16QAM	2593	40620	10	50	0	8.944	Fig.17
Band 41	16QAM	2685	41540	10	50	0	8.944	Fig.18
Band 41	16QAM	2503.5	39725	15	75	0	13.415	Fig.19
Band 41	16QAM	2593	40620	15	75	0	13.415	Fig.20
Band 41	16QAM	2682.5	41515	15	75	0	13.415	Fig.21
Band 41	16QAM	2506	39750	20	100	0	17.887	Fig.22
Band 41	16QAM	2593	40620	20	100	0	17.887	Fig.23
Band 41	16QAM	2680	41490	20	100	0	17.887	Fig.24

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
Band 41	64QAM	2498.5	39675	5	25	0	4.472	Fig.25
Band 41	64QAM	2593	40620	5	25	0	4.428	Fig.26
Band 41	64QAM	2687.5	41565	5	25	0	4.472	Fig.27
Band 41	64QAM	2501	39700	10	50	0	8.944	Fig.28
Band 41	64QAM	2593	40620	10	50	0	8.944	Fig.29
Band 41	64QAM	2685	41540	10	50	0	8.944	Fig.30
Band 41	64QAM	2503.5	39725	15	75	0	13.415	Fig.31
Band 41	64QAM	2593	40620	15	75	0	13.415	Fig.32
Band 41	64QAM	2682.5	41515	15	75	0	13.350	Fig.33
Band 41	64QAM	2506	39750	20	100	0	17.887	Fig.34
Band 41	64QAM	2593	40620	20	100	0	17.887	Fig.35
Band 41	64QAM	2680	41490	20	100	0	17.887	Fig.36

Test Mode: QPSK

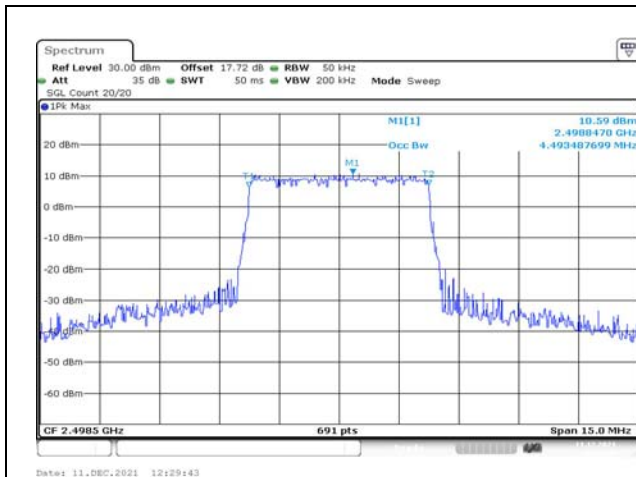


Fig.1

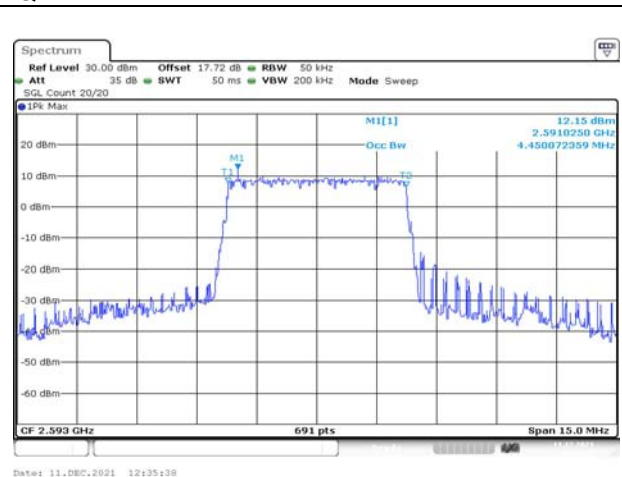


Fig.2

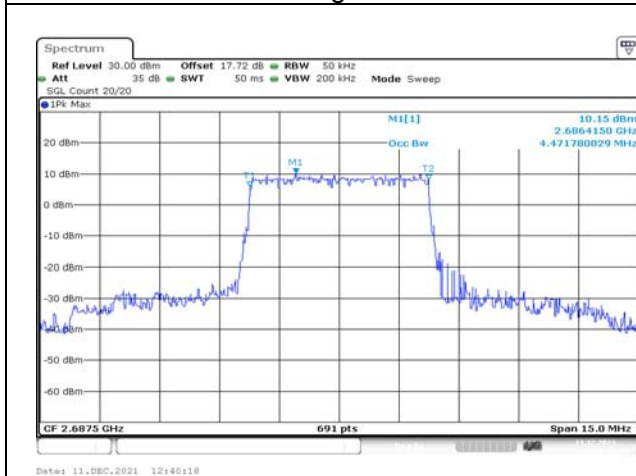


Fig.3

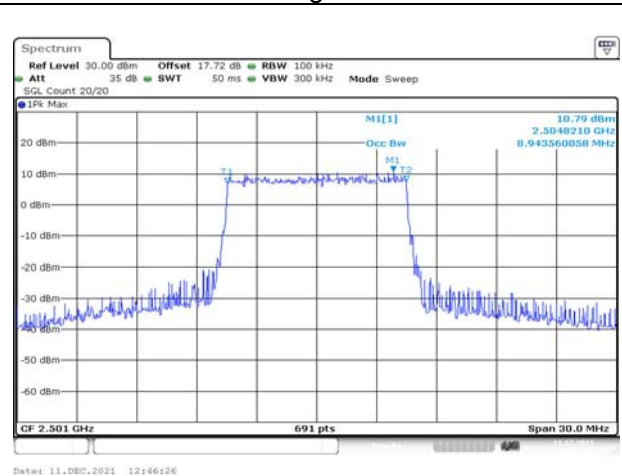


Fig.4

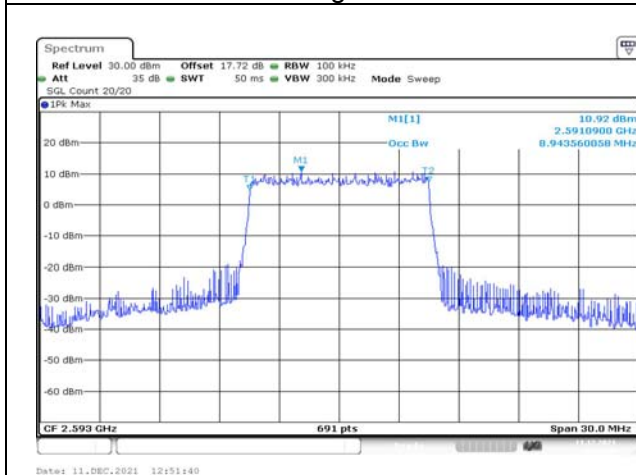


Fig.5

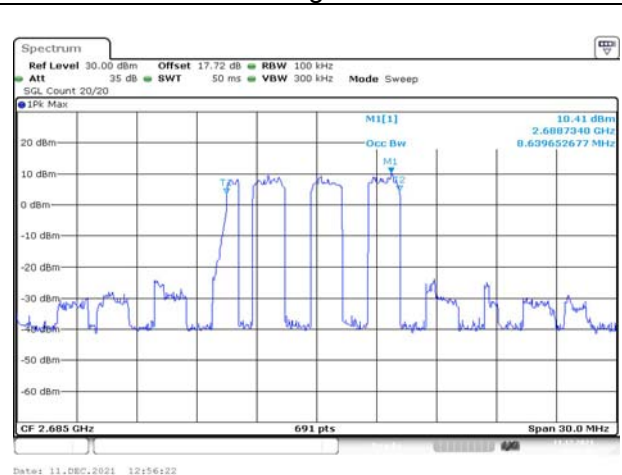
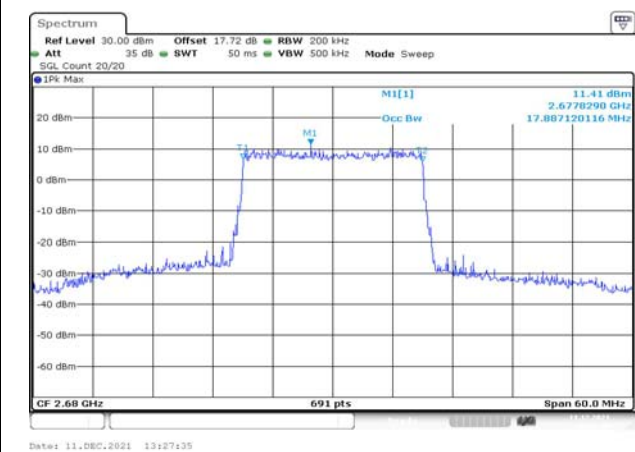
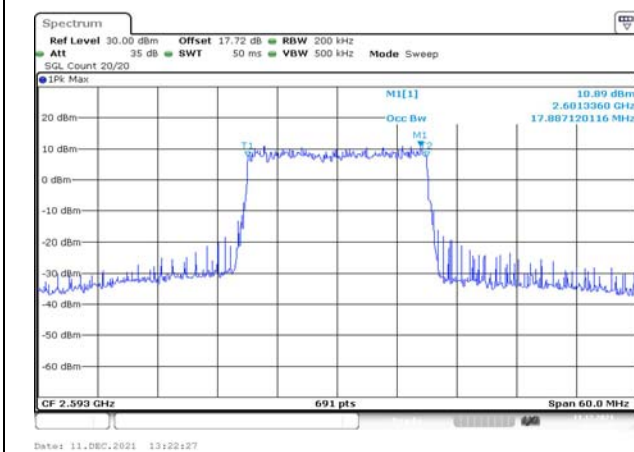
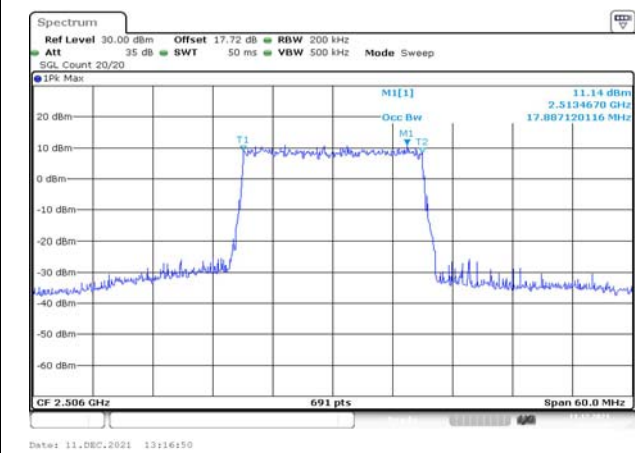
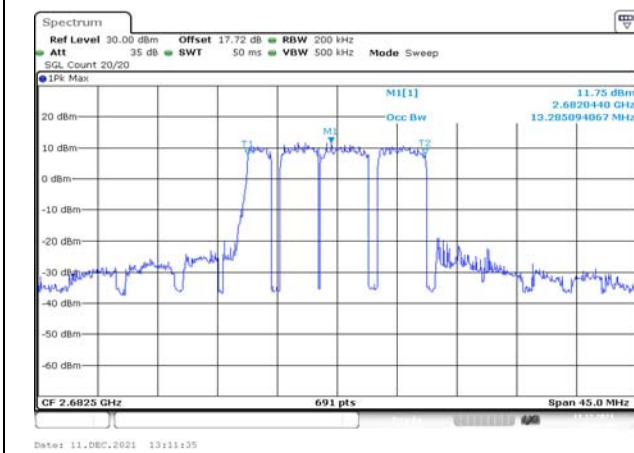
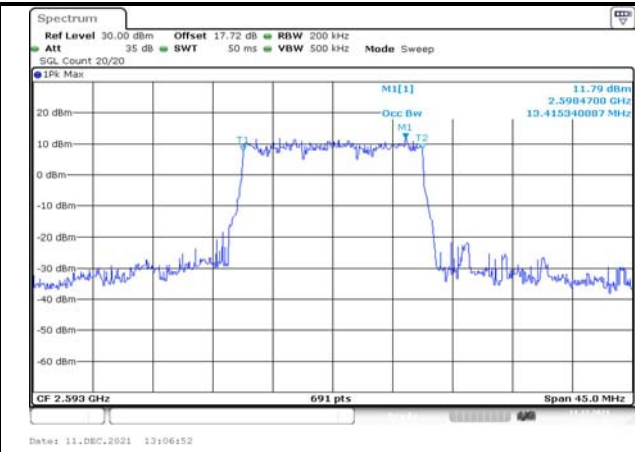
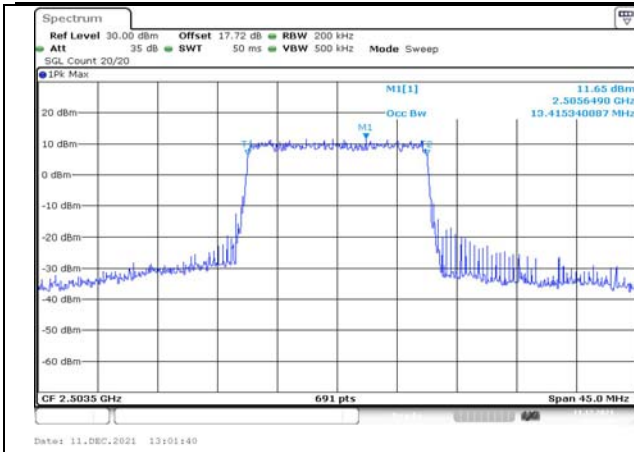


Fig.6



Test Mode: 16QAM

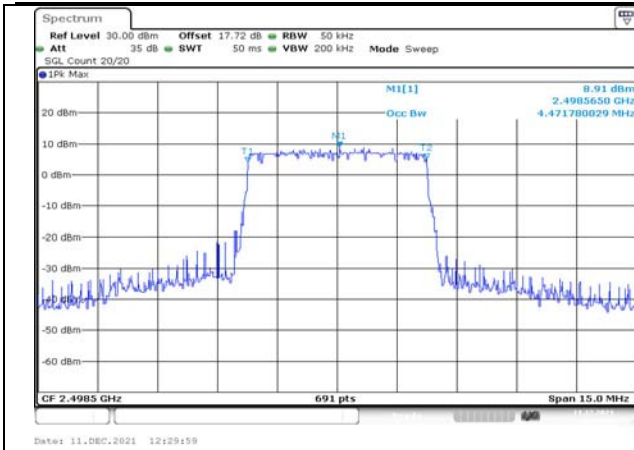


Fig.13

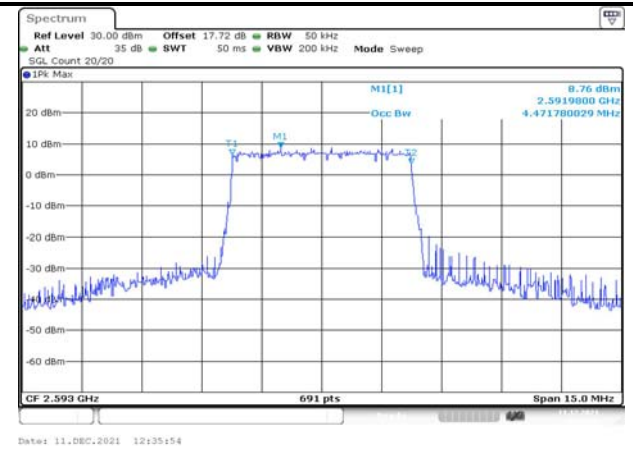


Fig.14

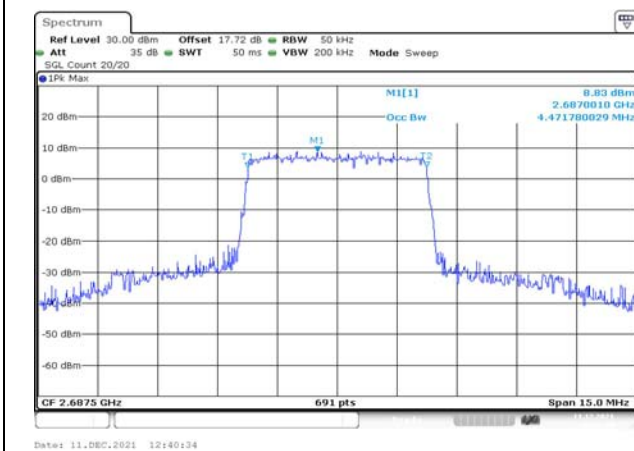


Fig.15

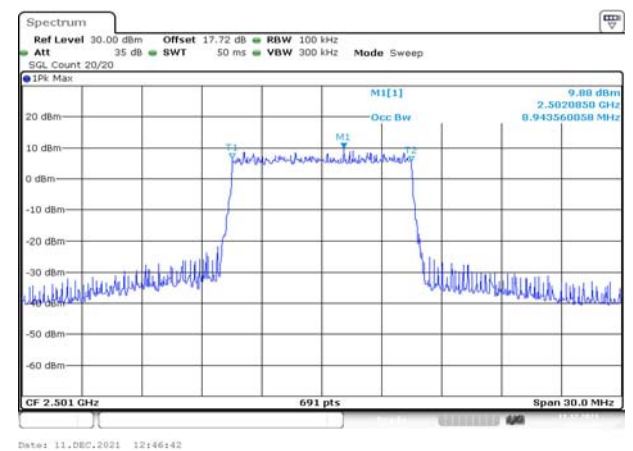


Fig.16

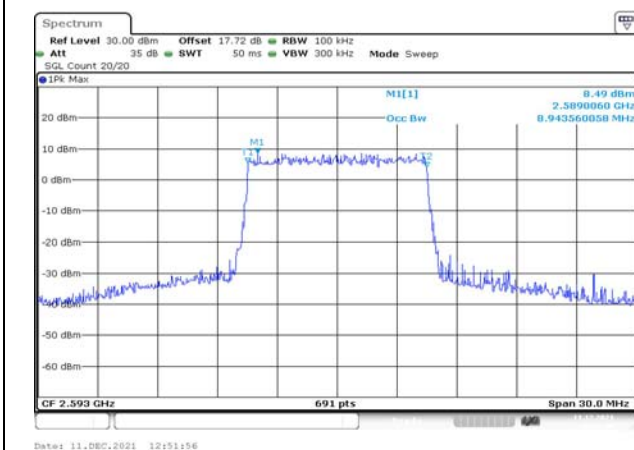


Fig.17

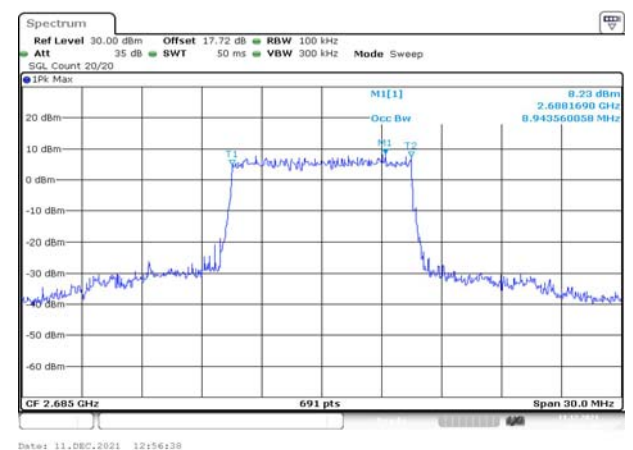


Fig.18

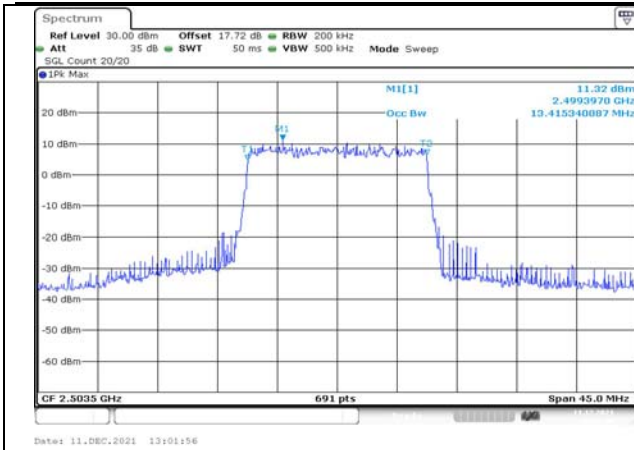


Fig.19



Fig.20

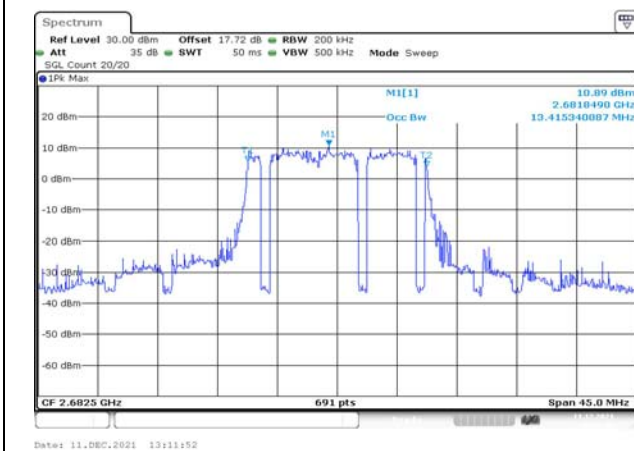


Fig.21

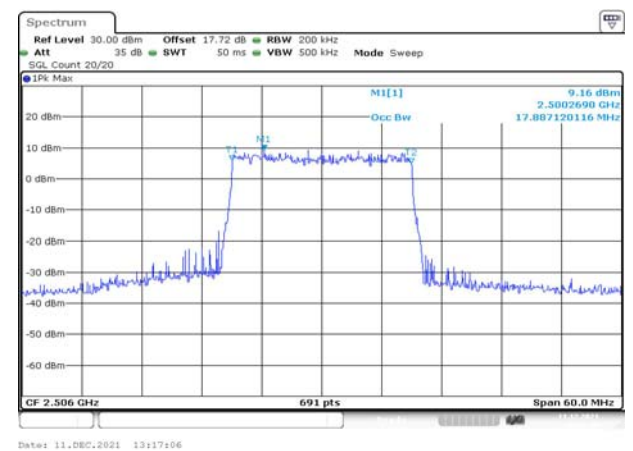


Fig.22

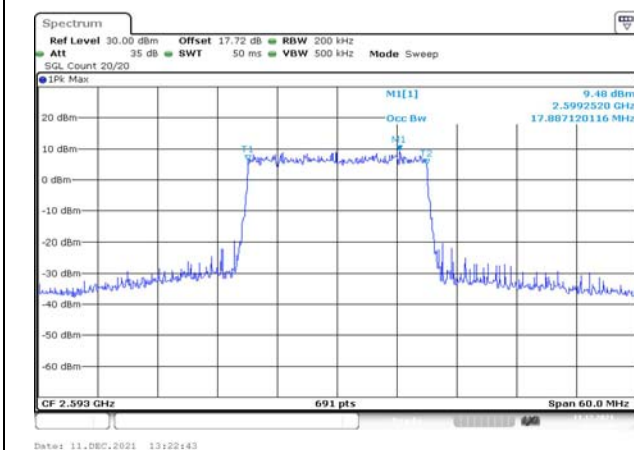


Fig.23

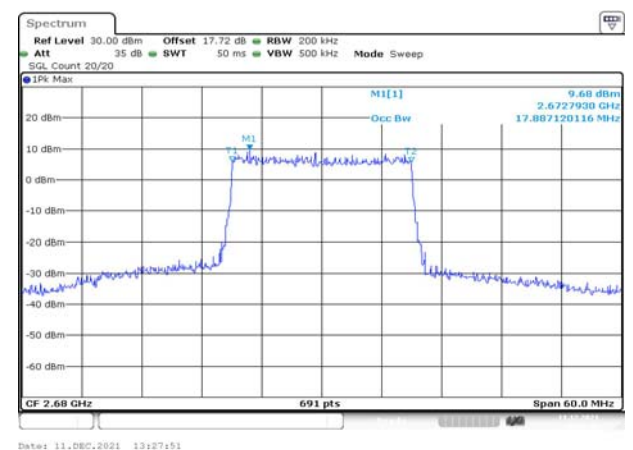
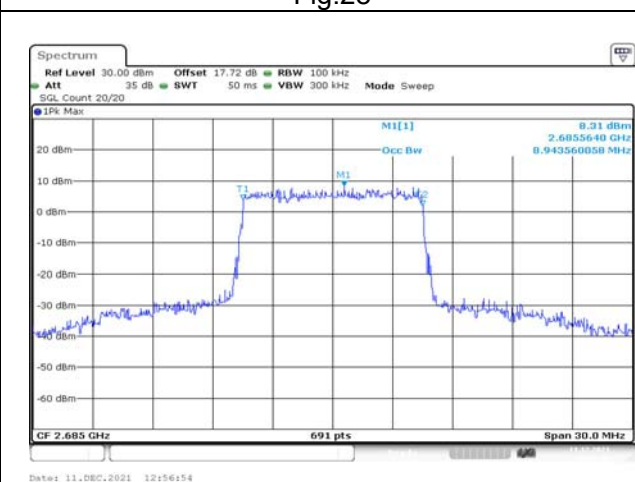
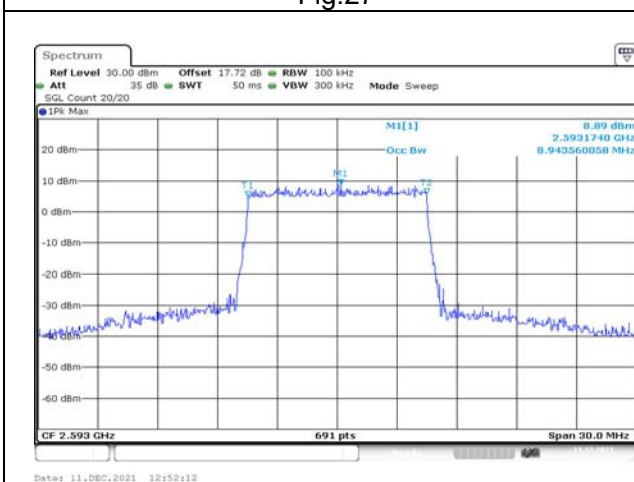
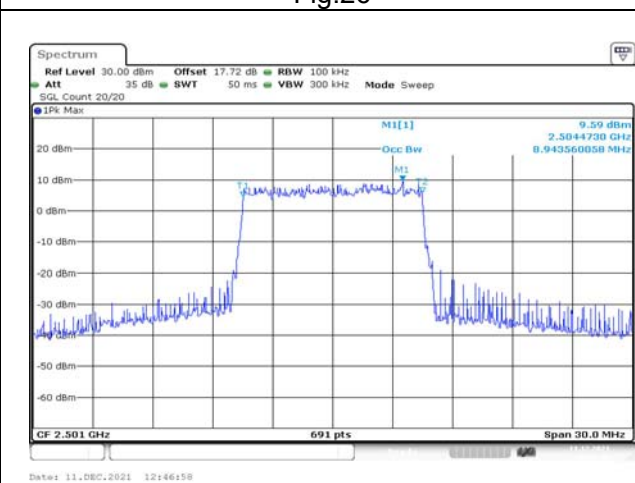
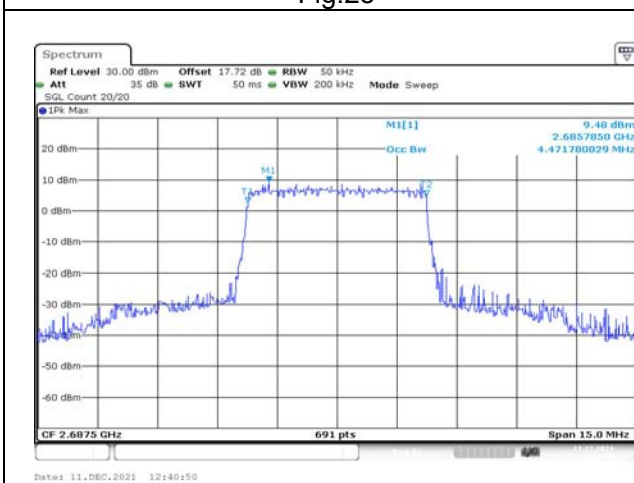
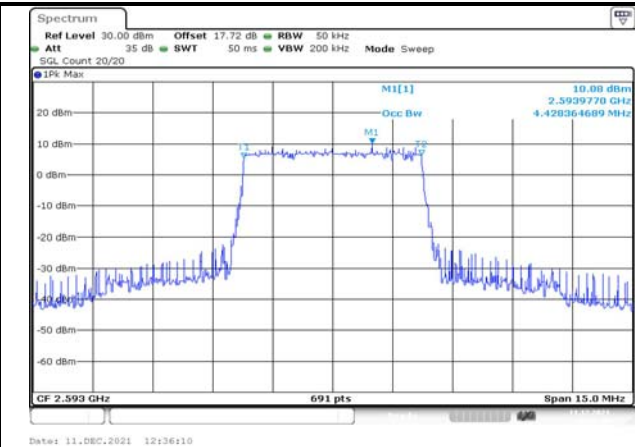
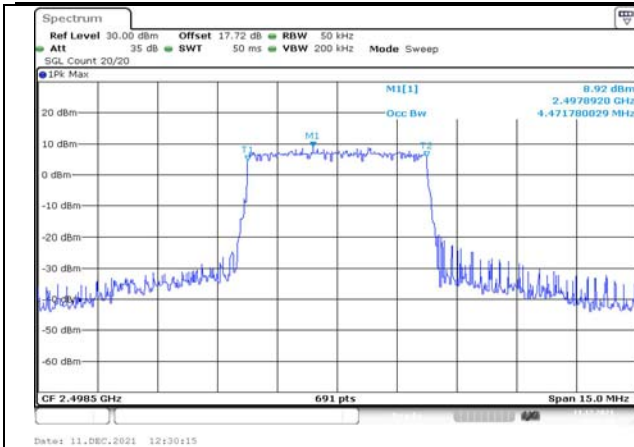


Fig.24

Test Mode: 64QAM



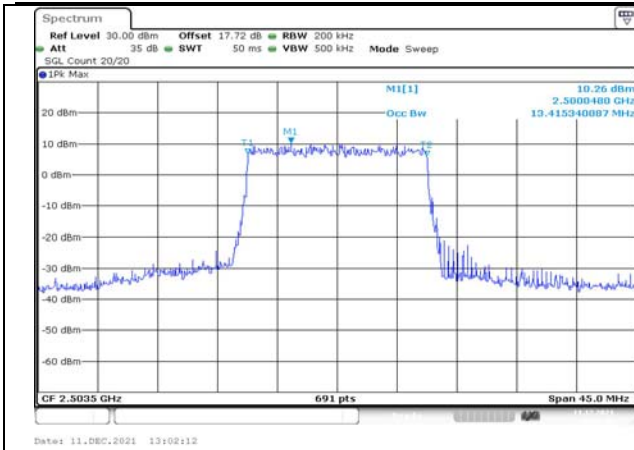


Fig.31



Fig.32

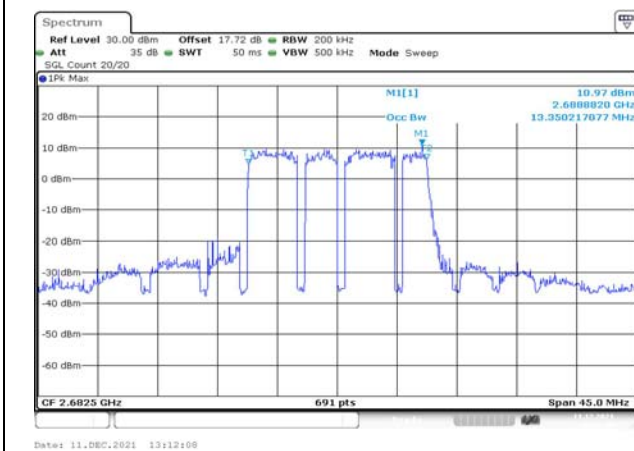


Fig.33

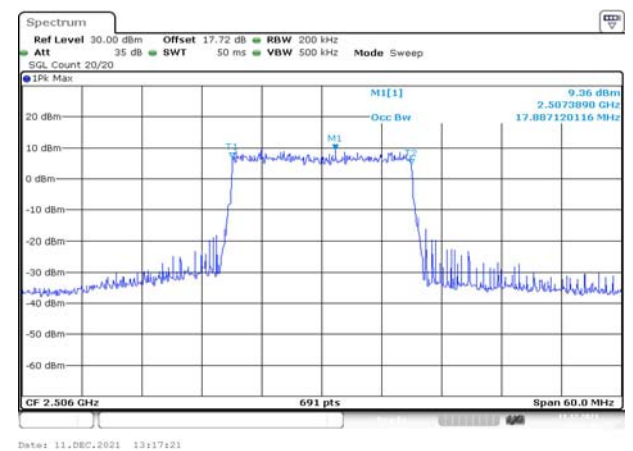


Fig.34

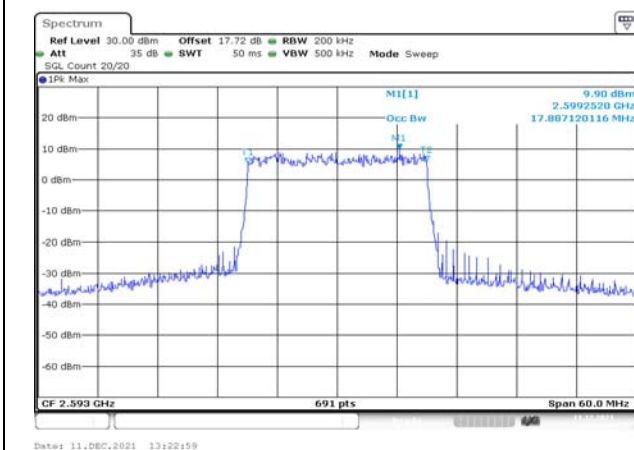


Fig.35

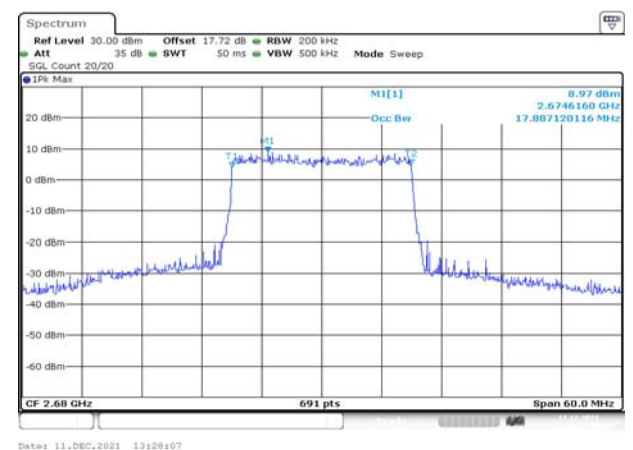


Fig.36

3 Emission Bandwidth

4	Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
	Band 41	QPSK	2498.5	39675	5	25	0	4.863	Fig.1
	Band 41	QPSK	2593	40620	5	25	0	4.884	Fig.2
	Band 41	QPSK	2687.5	41565	5	25	0	4.884	Fig.3
	Band 41	QPSK	2501	39700	10	50	0	9.768	Fig.4
	Band 41	QPSK	2593	40620	10	50	0	9.682	Fig.5
	Band 41	QPSK	2685	41540	10	50	0	2.779	Fig.6
	Band 41	QPSK	2503.5	39725	15	75	0	2.670	Fig.7
	Band 41	QPSK	2593	40620	15	75	0	14.588	Fig.8
	Band 41	QPSK	2682.5	41515	15	75	0	3.517	Fig.9
	Band 41	QPSK	2506	39750	20	100	0	19.276	Fig.10
	Band 41	QPSK	2593	40620	20	100	0	19.103	Fig.11
	Band 41	QPSK	2680	41490	20	100	0	19.450	Fig.12

5	Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
	Band 41	16QAM	2498.5	39675	5	25	0	4.819	Fig.13
	Band 41	16QAM	2593	40620	5	25	0	4.819	Fig.14
	Band 41	16QAM	2687.5	41565	5	25	0	4.841	Fig.15
	Band 41	16QAM	2501	39700	10	50	0	9.682	Fig.16
	Band 41	16QAM	2593	40620	10	50	0	9.595	Fig.17
	Band 41	16QAM	2685	41540	10	50	0	1.693	Fig.18
	Band 41	16QAM	2503.5	39725	15	75	0	2.279	Fig.19
	Band 41	16QAM	2593	40620	15	75	0	14.718	Fig.20
	Band 41	16QAM	2682.5	41515	15	75	0	3.452	Fig.21
	Band 41	16QAM	2506	39750	20	100	0	19.276	Fig.22
	Band 41	16QAM	2593	40620	20	100	0	19.276	Fig.23
	Band 41	16QAM	2680	41490	20	100	0	19.190	Fig.24

6	Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
	Band 41	64QAM	2498.5	39675	5	25	0	4.797	Fig.25
	Band 41	64QAM	2593	40620	5	25	0	4.863	Fig.26
	Band 41	64QAM	2687.5	41565	5	25	0	4.797	Fig.27
	Band 41	64QAM	2501	39700	10	50	0	9.725	Fig.28
	Band 41	64QAM	2593	40620	10	50	0	9.465	Fig.29
	Band 41	64QAM	2685	41540	10	50	0	7.641	Fig.30
	Band 41	64QAM	2503.5	39725	15	75	0	2.149	Fig.31
	Band 41	64QAM	2593	40620	15	75	0	14.522	Fig.32
	Band 41	64QAM	2682.5	41515	15	75	0	3.582	Fig.33
	Band 41	64QAM	2506	39750	20	100	0	19.190	Fig.34
	Band 41	64QAM	2593	40620	20	100	0	19.363	Fig.35
	Band 41	64QAM	2680	41490	20	100	0	19.103	Fig.36

Test Mode: QPSK

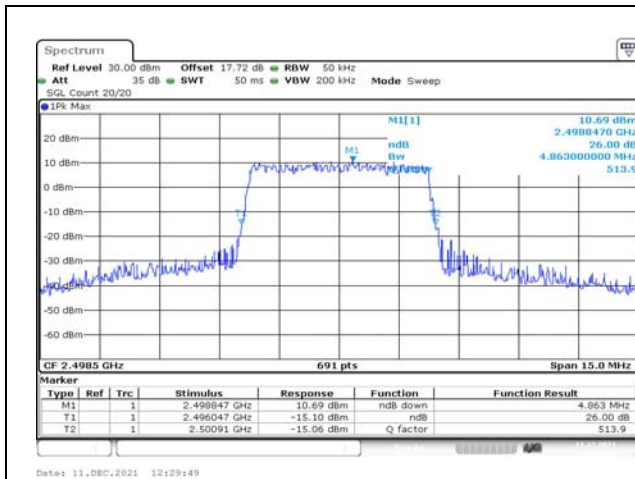


Fig.1

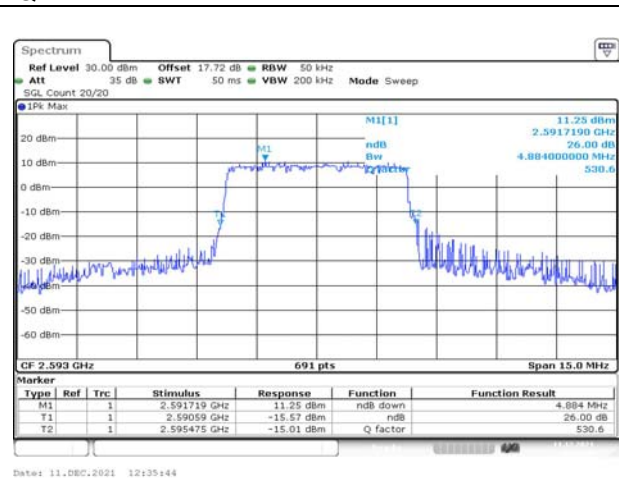


Fig.2

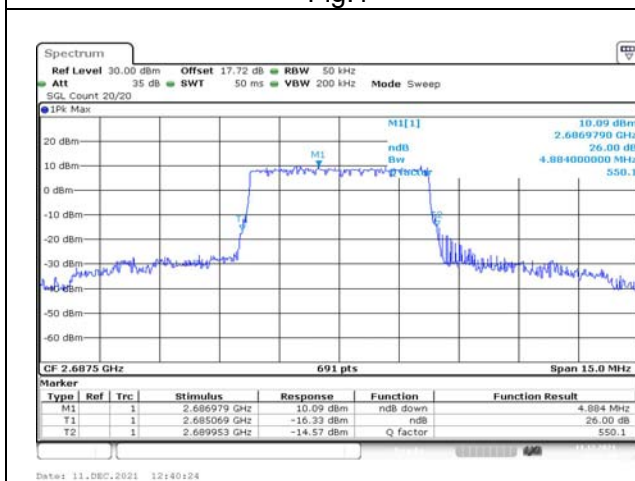


Fig.3

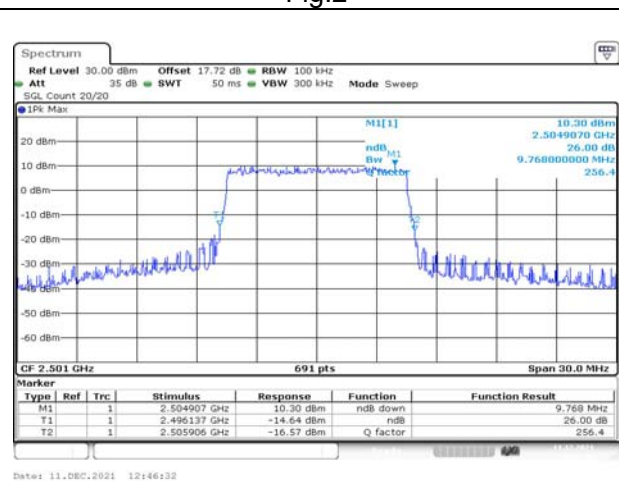


Fig.4

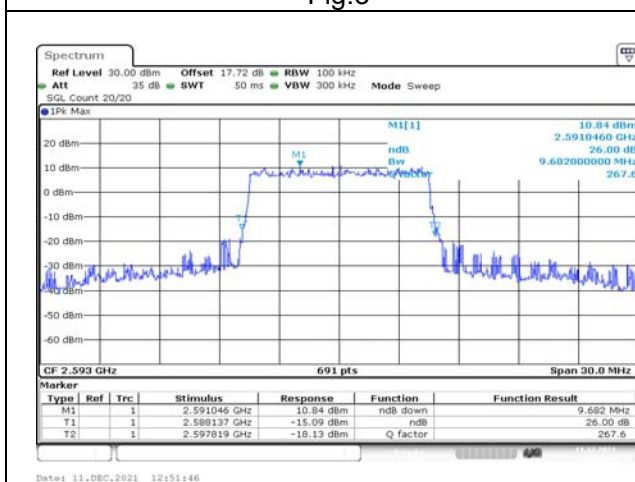


Fig.5

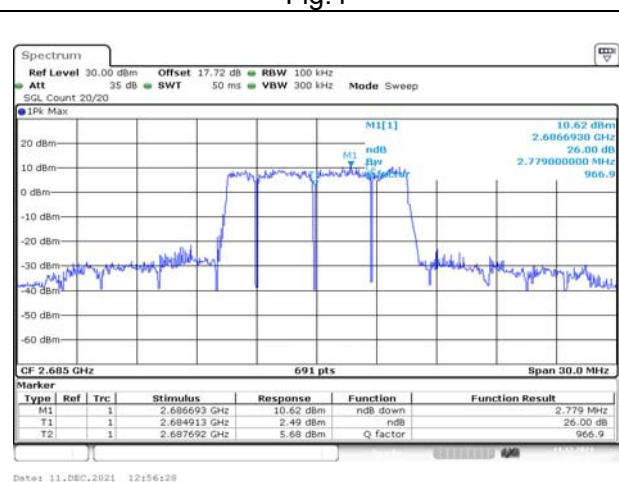


Fig.6

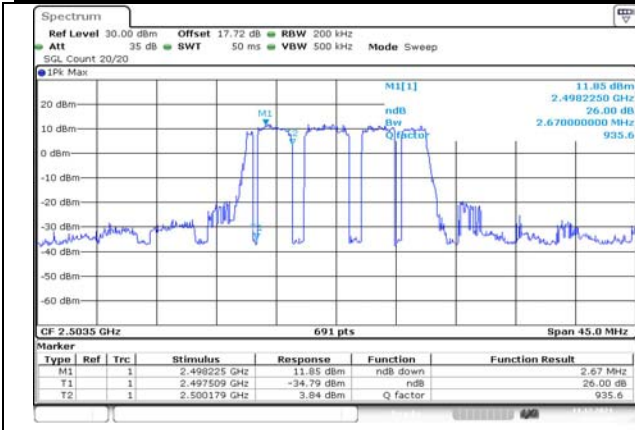


Fig.7

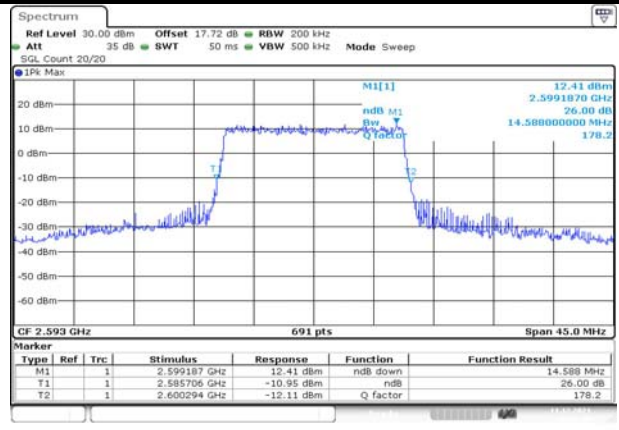


Fig.8

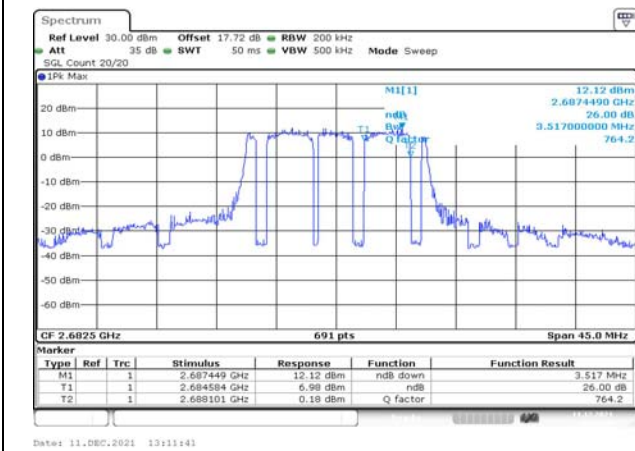


Fig.9

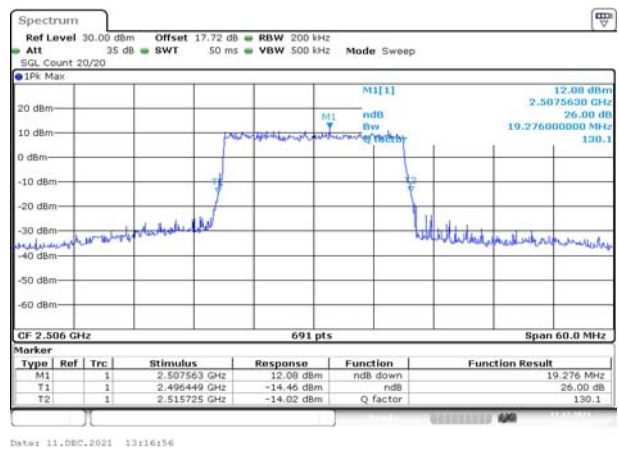


Fig.10

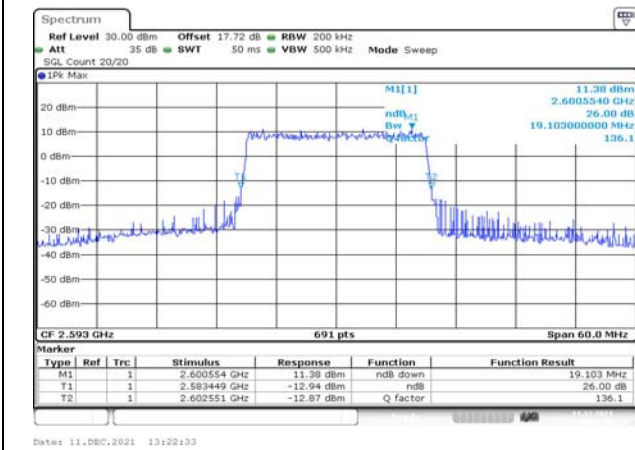


Fig.11

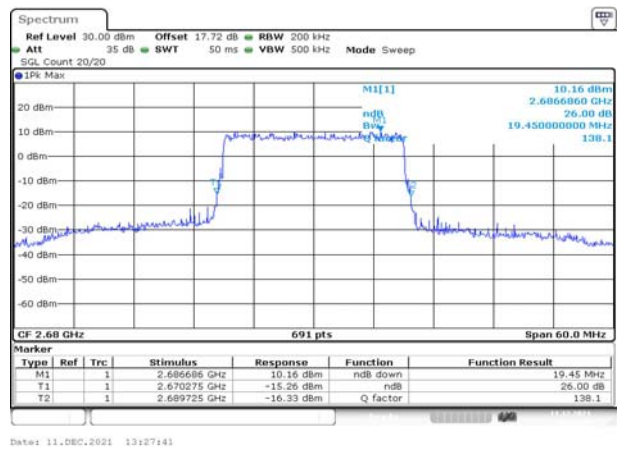


Fig.12

Test Mode: 16QAM

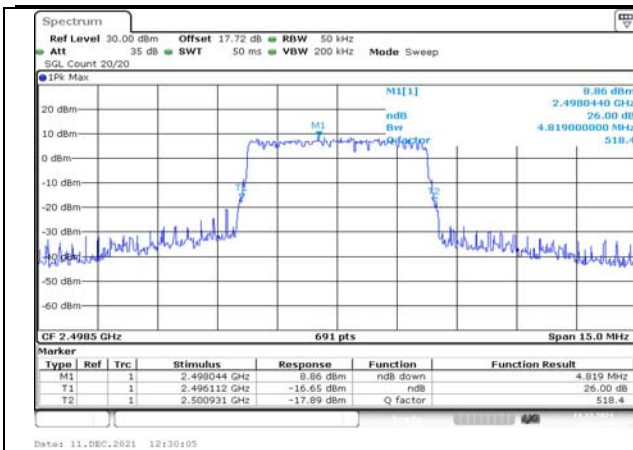


Fig.13

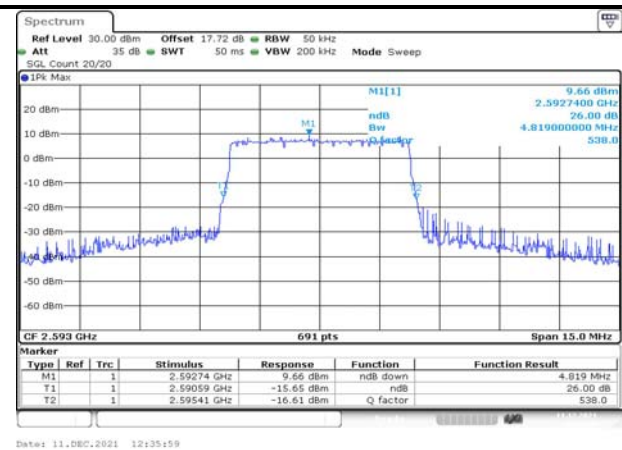


Fig.14

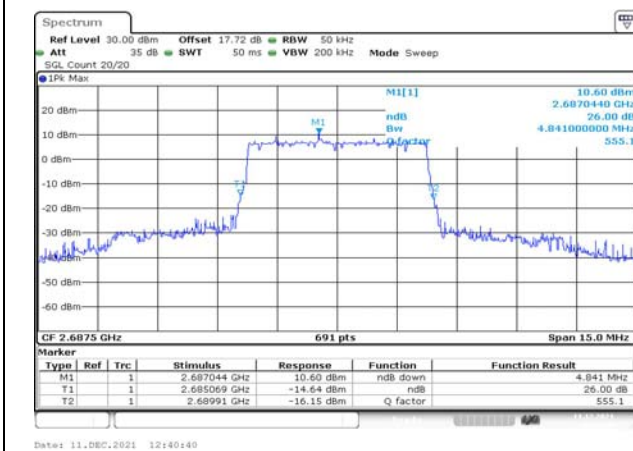


Fig.15

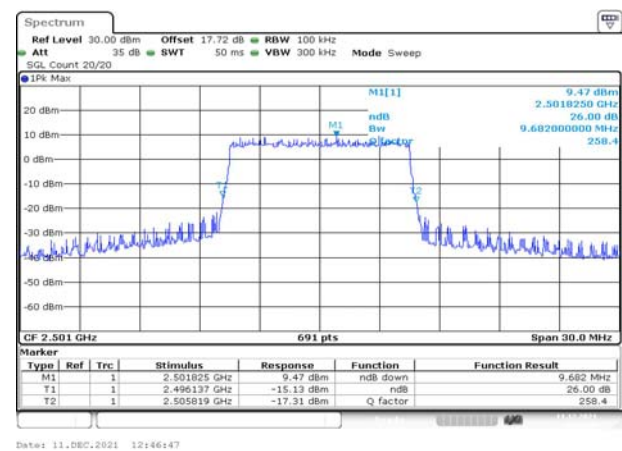


Fig.16

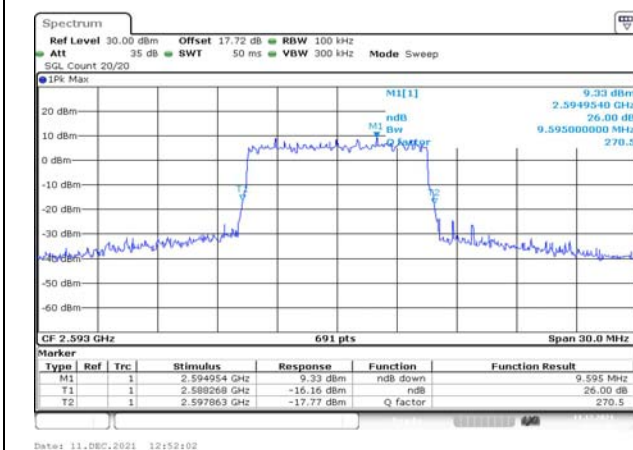


Fig.17

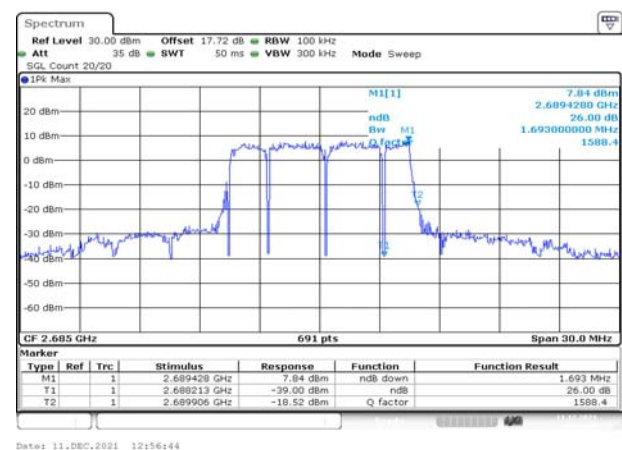


Fig.18

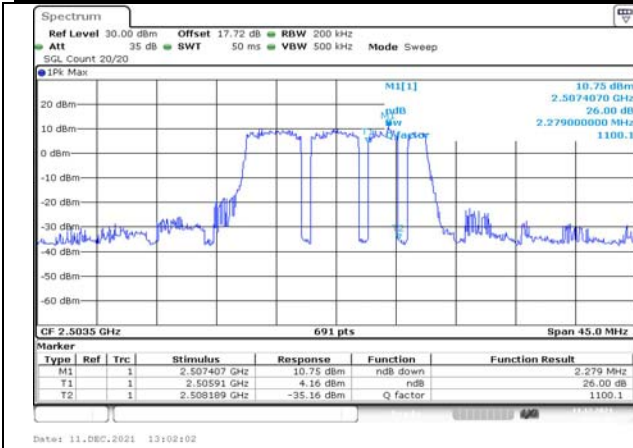


Fig.19

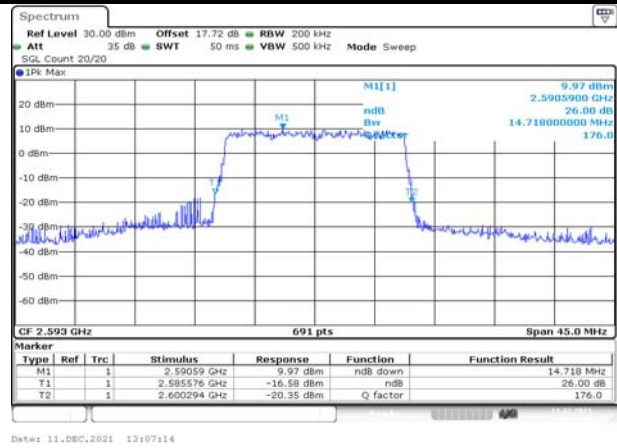


Fig.20

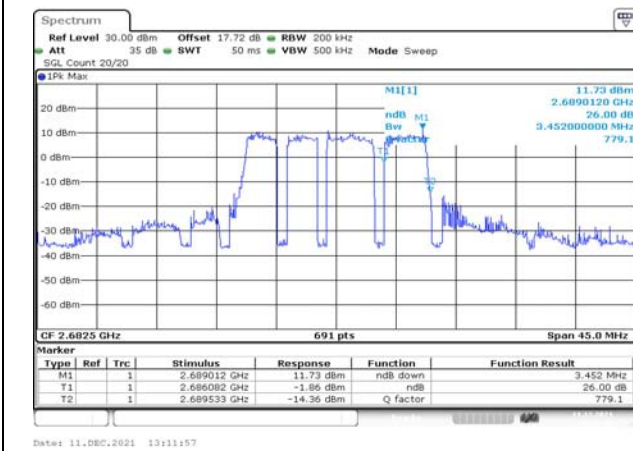


Fig.21

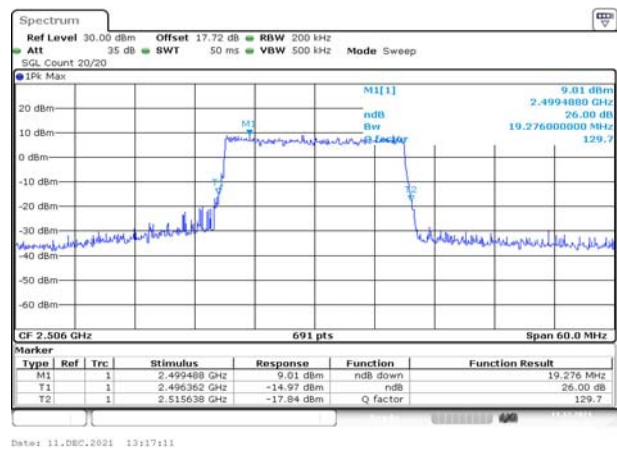


Fig.22

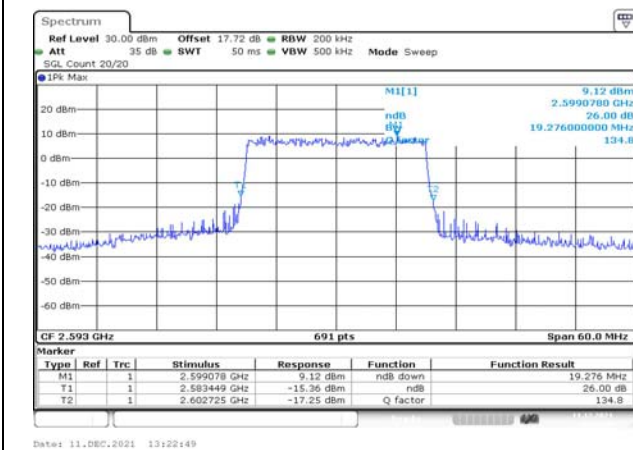


Fig.23

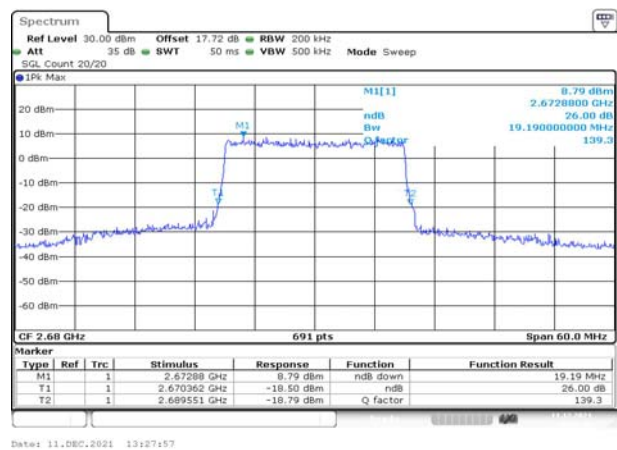


Fig.24

Test Mode: 64QAM

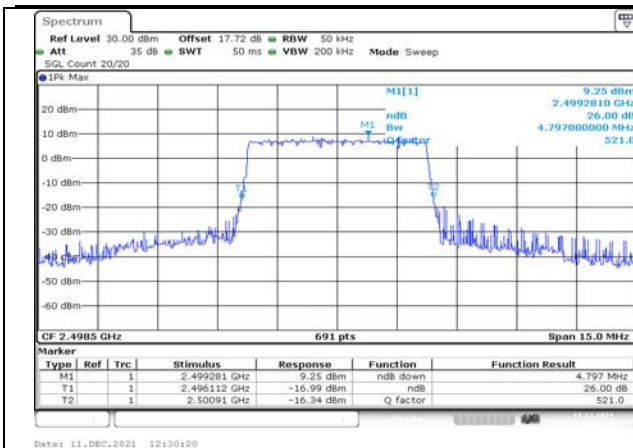


Fig.25

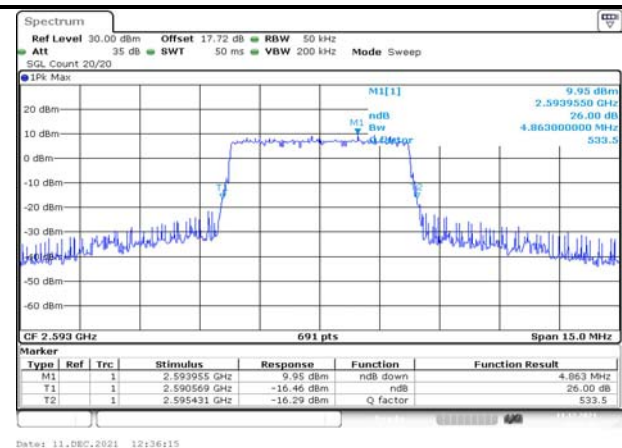


Fig.26

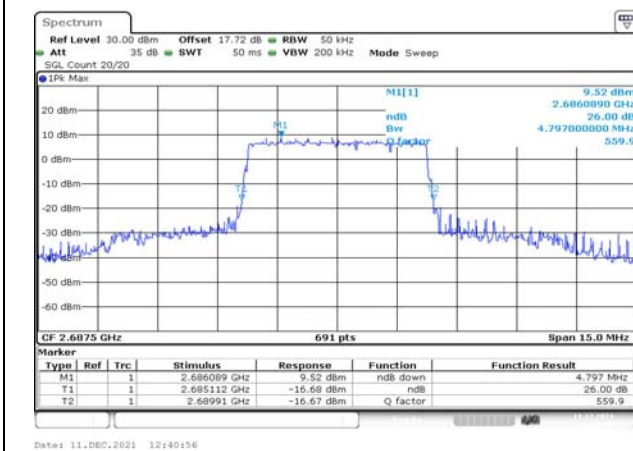


Fig.27

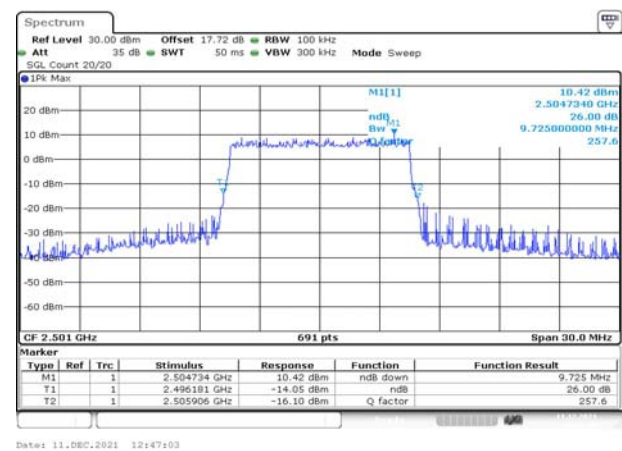


Fig.28

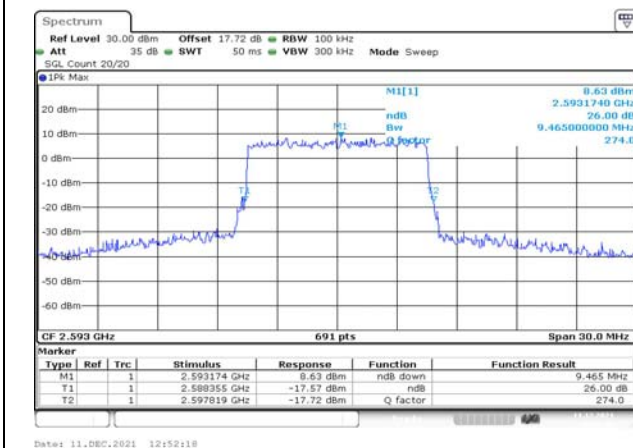


Fig.29



Fig.30

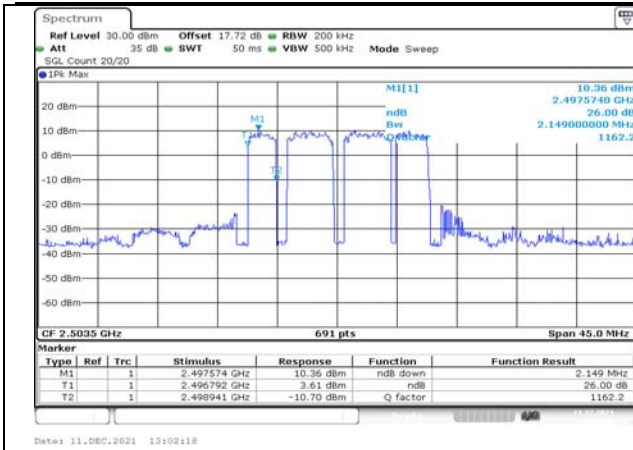


Fig.31

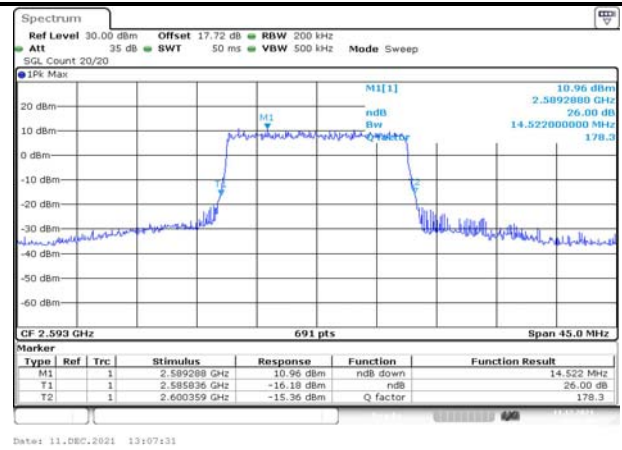


Fig.32

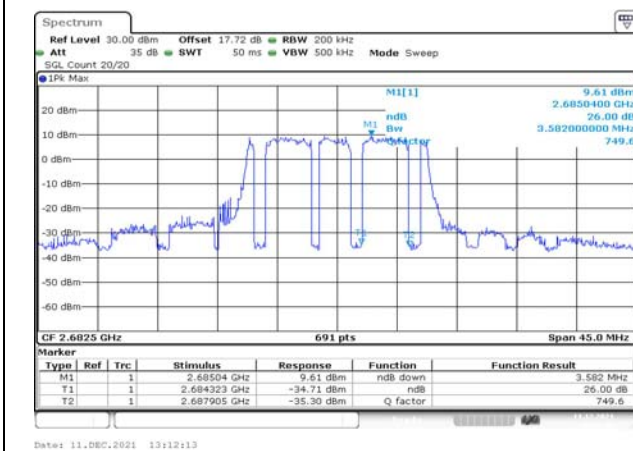


Fig.33

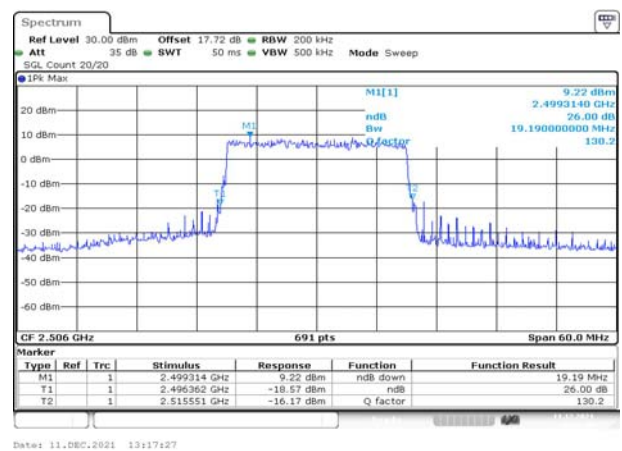


Fig.34

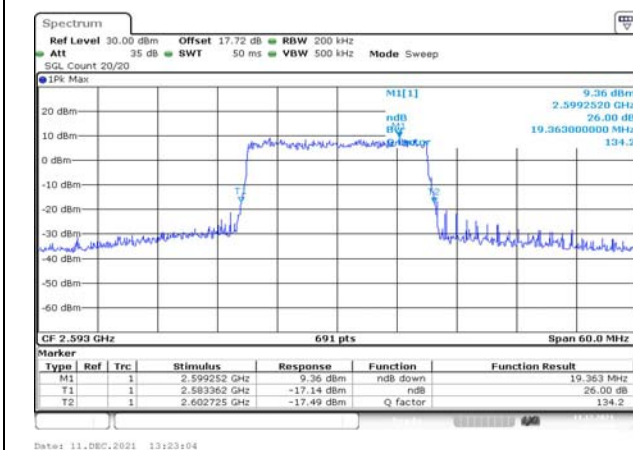


Fig.35

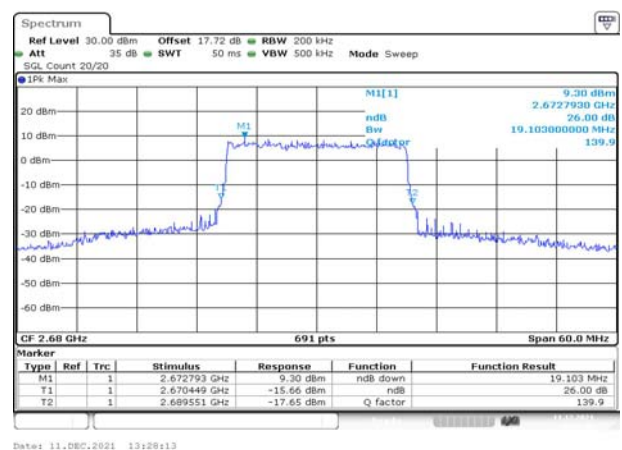


Fig.36

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
41	2498.5	39675	5	1	24	Fig.1	Fig.2	Fig.3
41	2498.5	39675	5	25	0	Fig.4	Fig.5	Fig.6
41	2593	40620	5	1	24	Fig.7	Fig.8	Fig.9
41	2593	40620	5	25	0	Fig.10	Fig.11	Fig.12
41	2687.5	41565	5	1	24	Fig.13	Fig.14	Fig.15
41	2687.5	41565	5	25	0	Fig.16	Fig.17	Fig.18
41	2501	39700	10	1	49	Fig.19	Fig.20	Fig.21
41	2501	39700	10	50	0	Fig.22	Fig.23	Fig.24
41	2593	40620	10	1	49	Fig.25	Fig.26	Fig.27
41	2593	40620	10	50	0	Fig.28	Fig.29	Fig.30
41	2685	41540	10	1	49	Fig.31	Fig.32	Fig.33
41	2685	41540	10	50	0	Fig.34	Fig.35	Fig.36
41	2503.5	39725	15	1	74	Fig.37	Fig.38	Fig.39
41	2503.5	39725	15	75	0	Fig.40	Fig.41	Fig.42
41	2593	40620	15	1	74	Fig.43	Fig.44	Fig.45
41	2593	40620	15	75	0	Fig.46	Fig.47	Fig.48
41	2682.5	41515	15	1	74	Fig.49	Fig.50	Fig.51
41	2682.5	41515	15	75	0	Fig.52	Fig.53	Fig.54
41	2506	39750	20	1	99	Fig.55	Fig.56	Fig.57
41	2506	39750	20	100	0	Fig.58	Fig.59	Fig.60
41	2593	40620	20	1	99	Fig.61	Fig.62	Fig.63
41	2593	40620	20	100	0	Fig.64	Fig.65	Fig.66
41	2680	41490	20	1	99	Fig.67	Fig.68	Fig.69
41	2680	41490	20	100	0	Fig.70	Fig.71	Fig.72

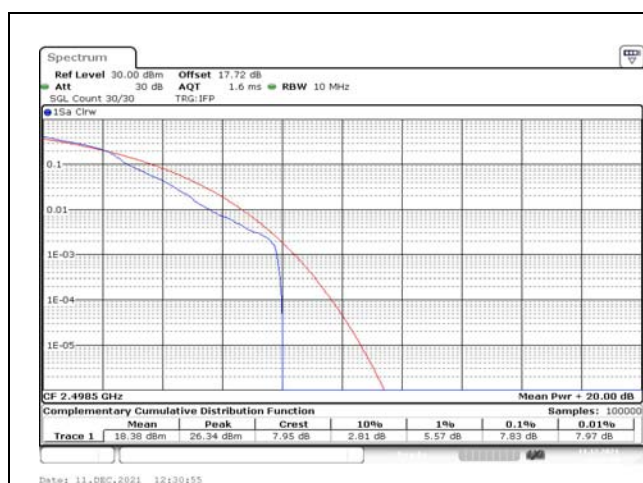


Fig.1

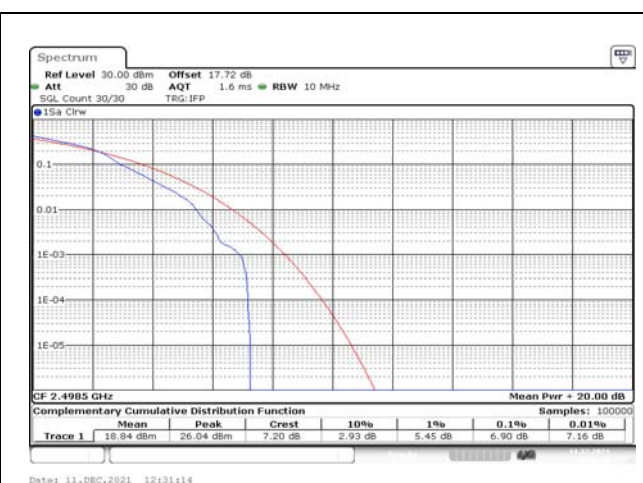


Fig.2

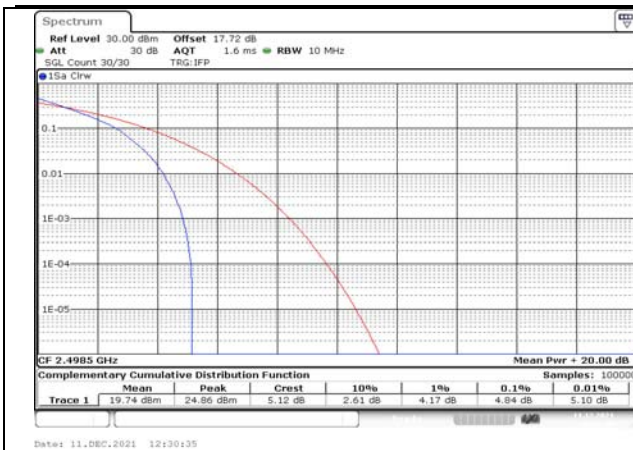


Fig.3

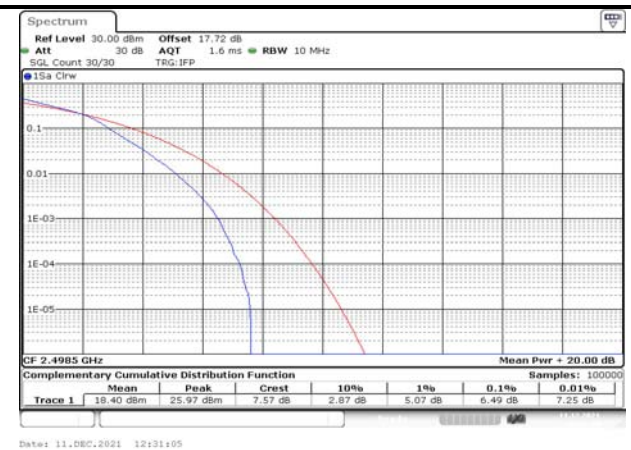


Fig.4

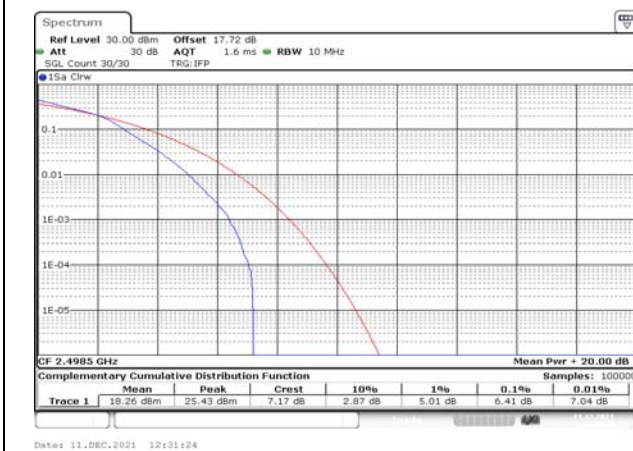


Fig.5

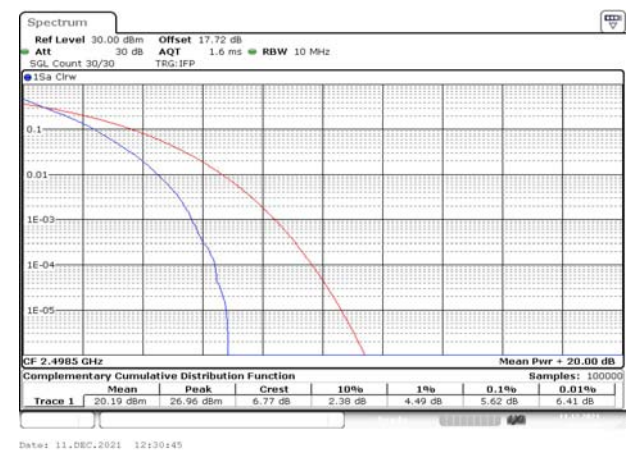


Fig.6

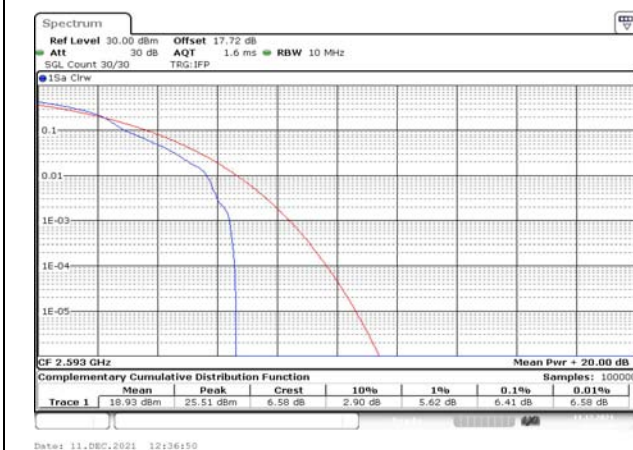


Fig.7

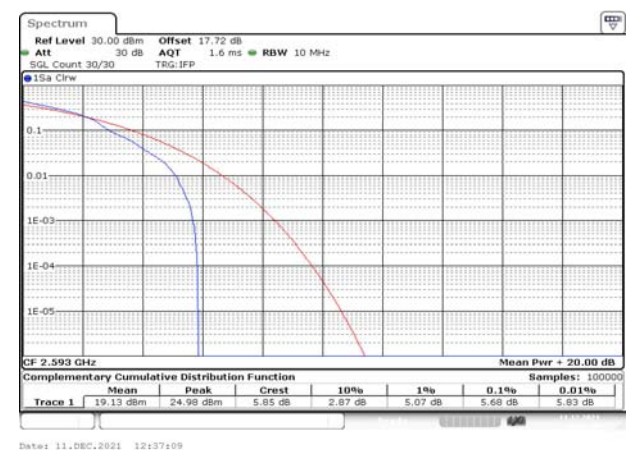


Fig.8

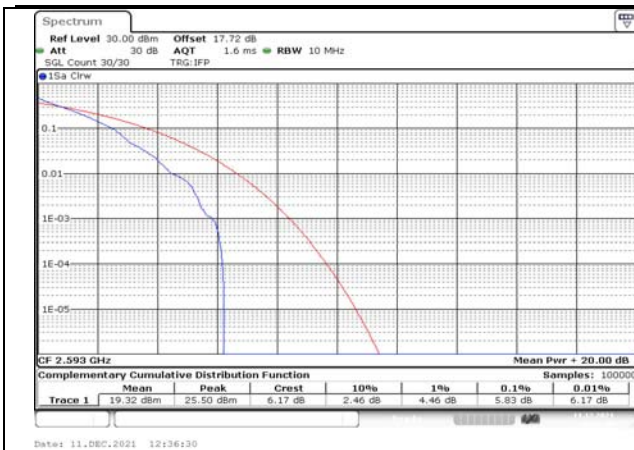


Fig.9

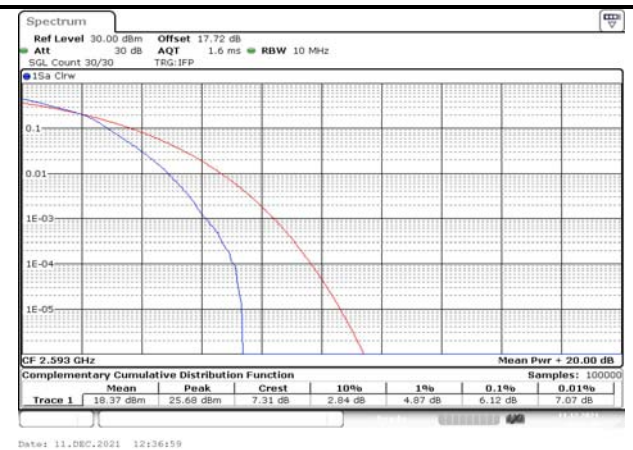


Fig.10

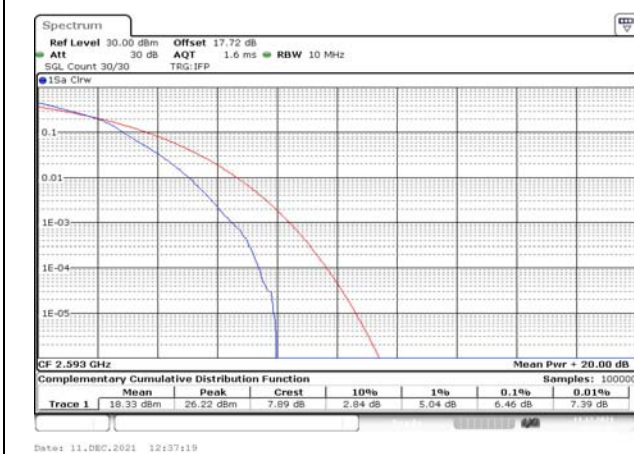


Fig.11

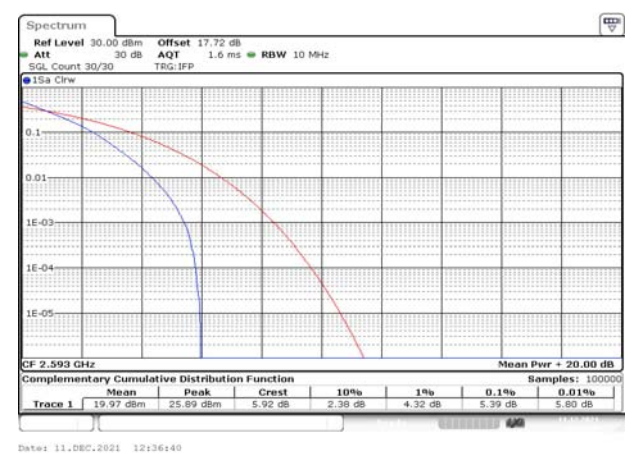


Fig.12

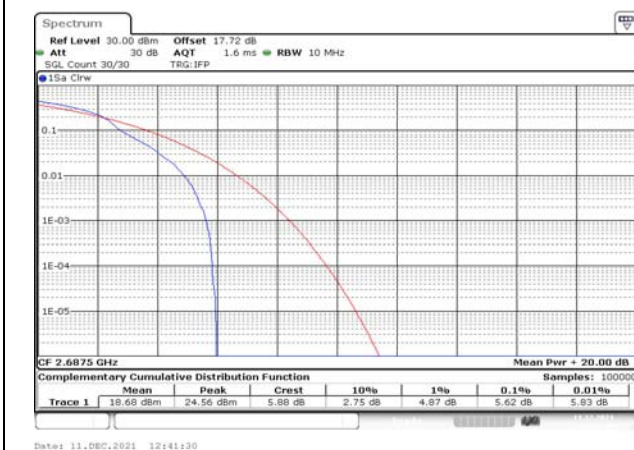


Fig.13

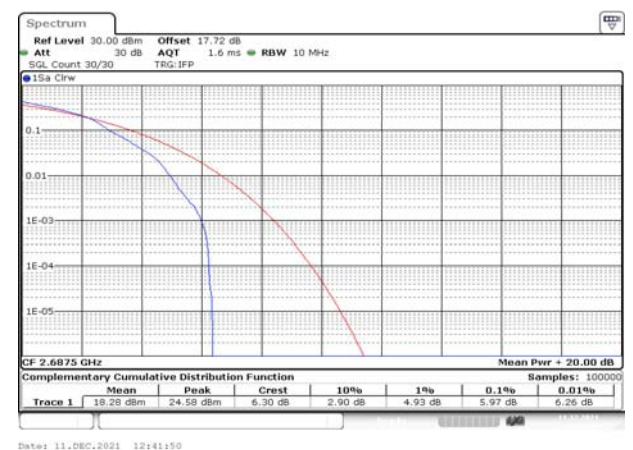


Fig.14



Fig.15

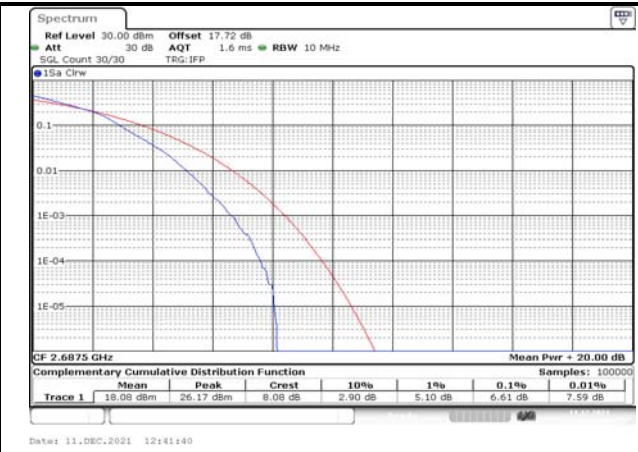


Fig.16

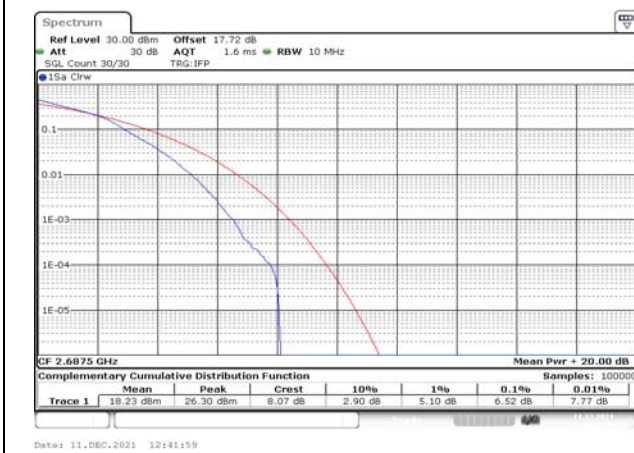


Fig.17

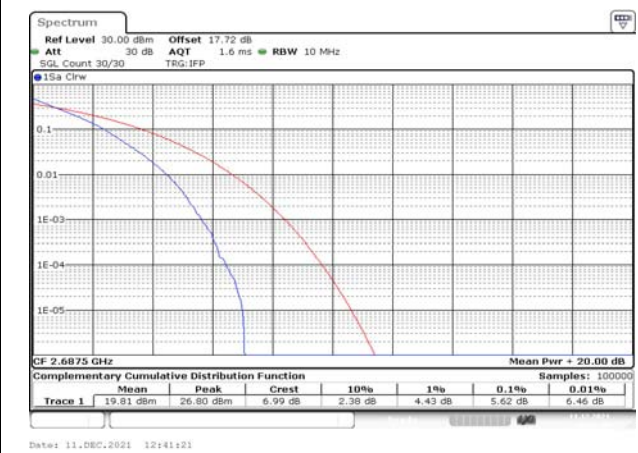


Fig.18

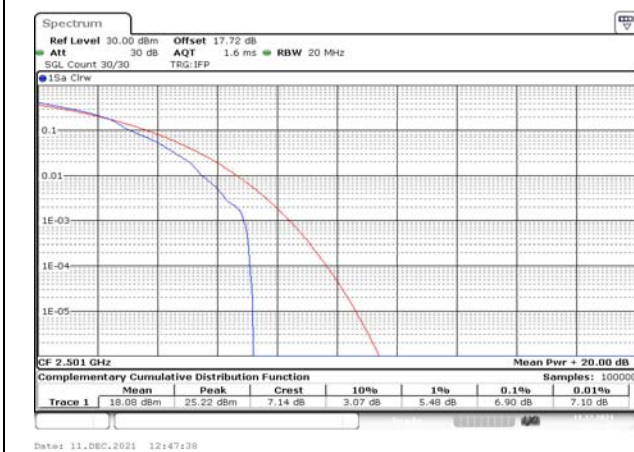


Fig.19

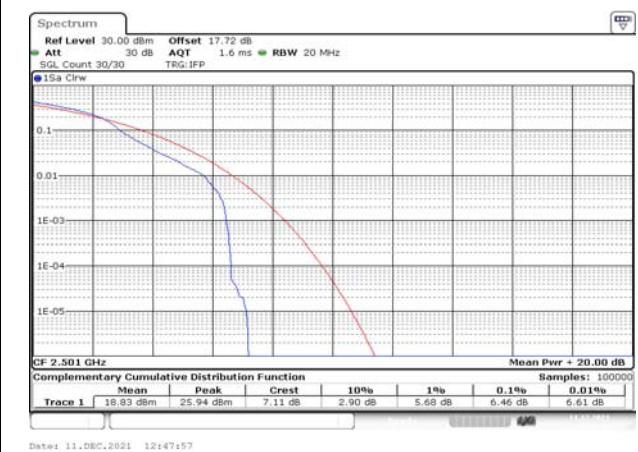


Fig.20

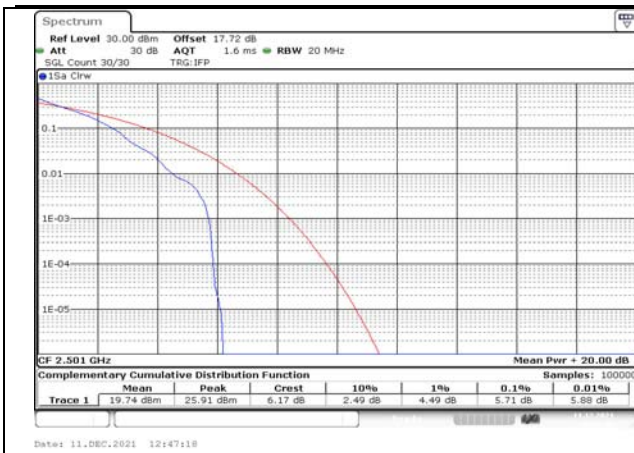


Fig.21

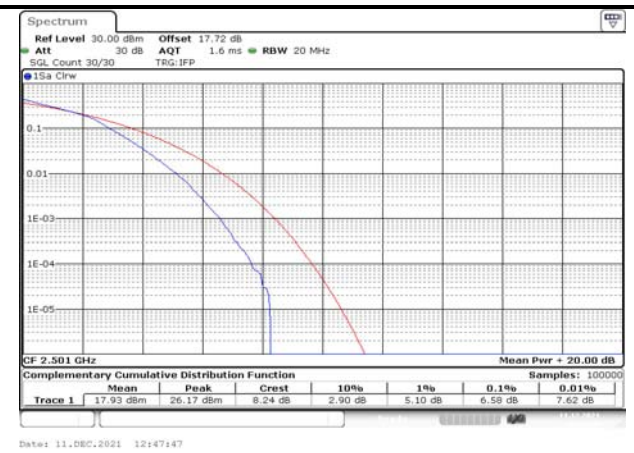


Fig.22

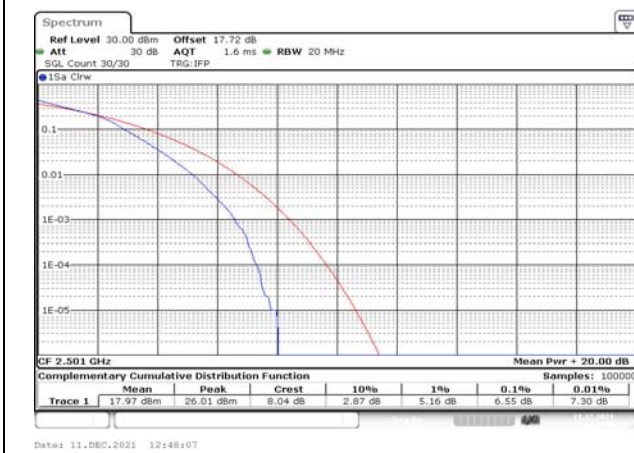


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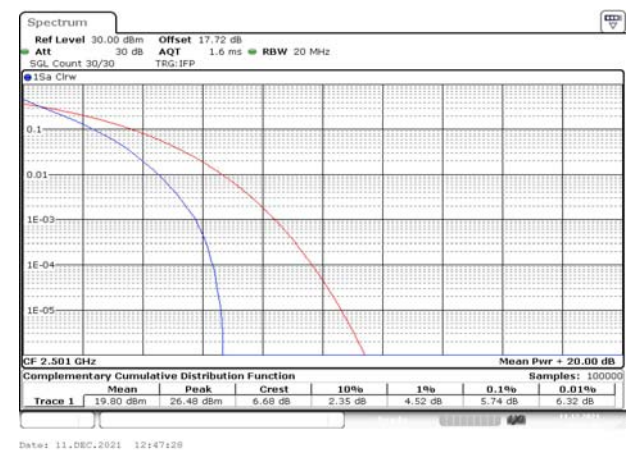


Fig.24

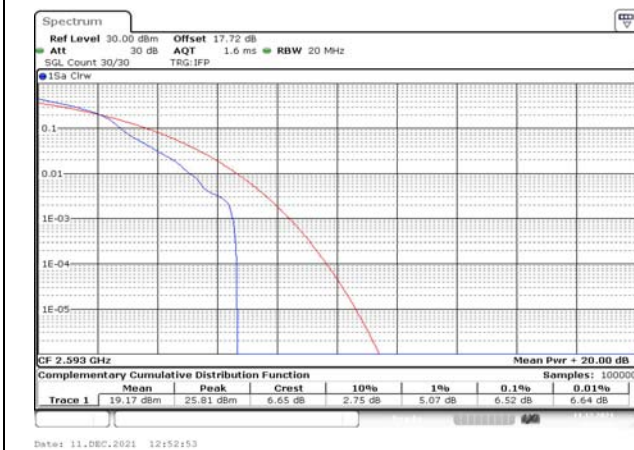


Fig.25

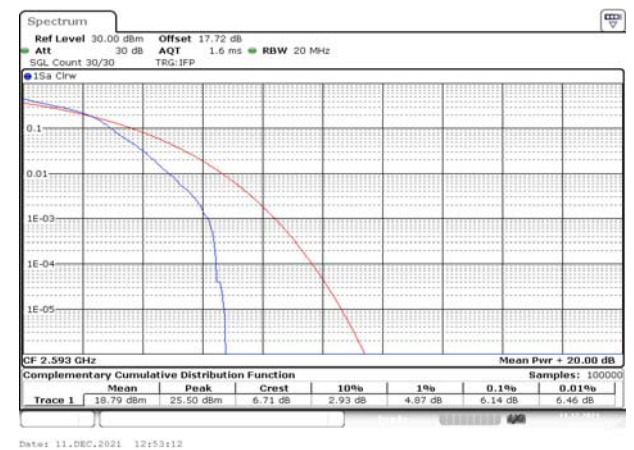


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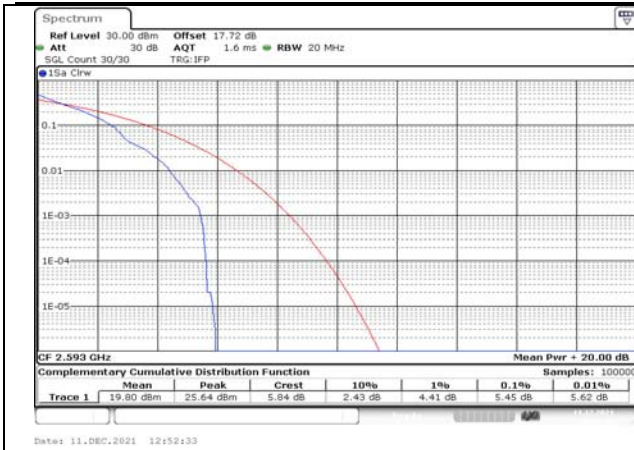


Fig.27

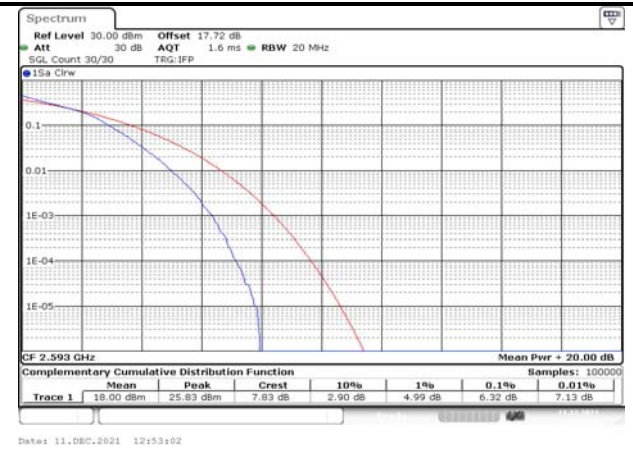


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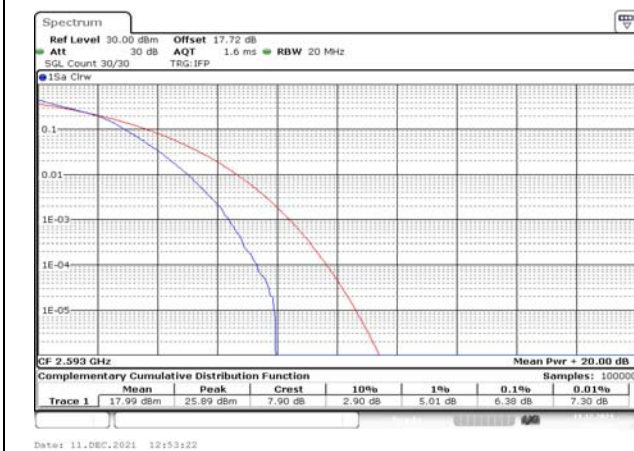


Fig.29

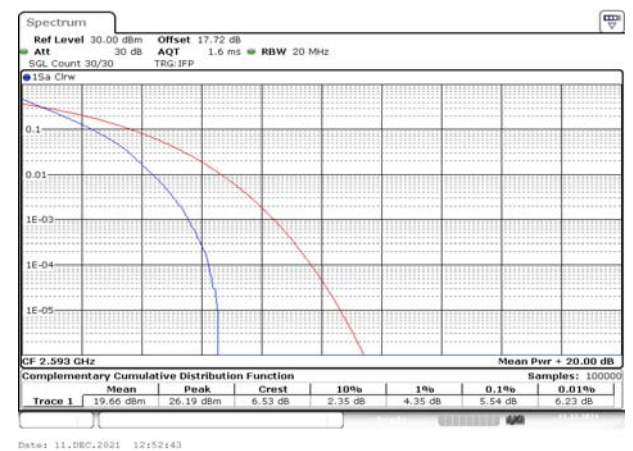


Fig.30

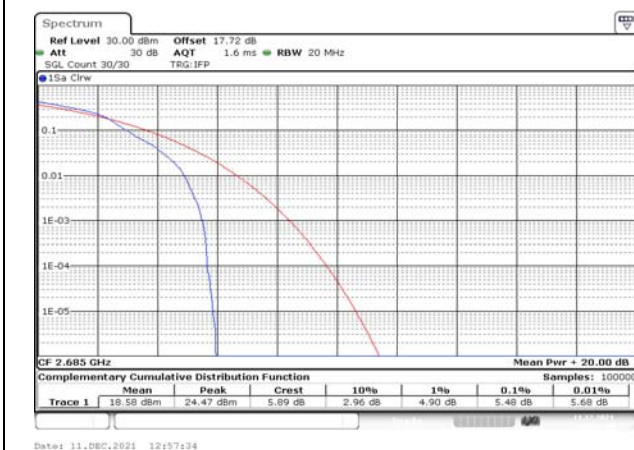


Fig.31

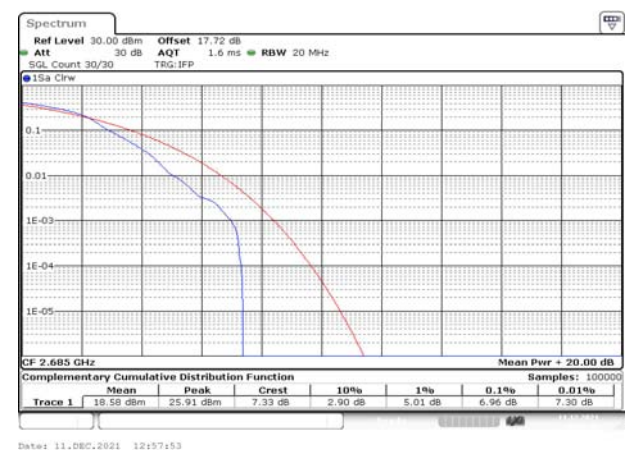


Fig.32

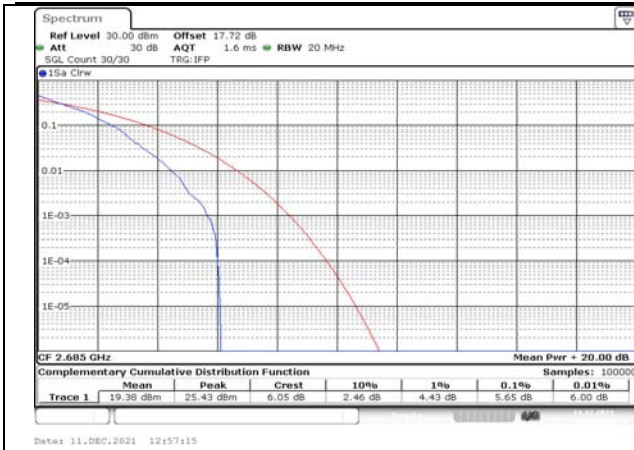


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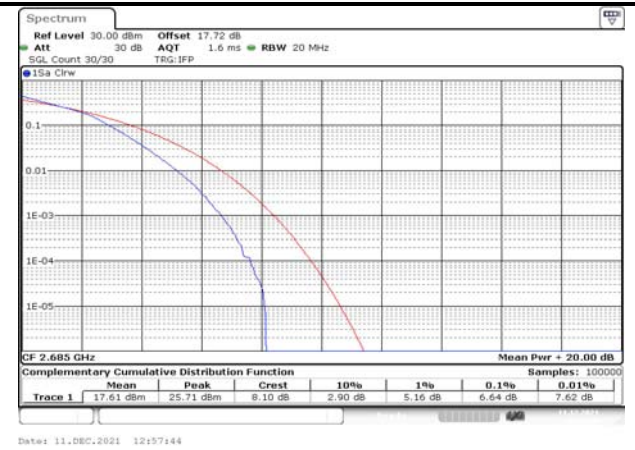


Fig.34

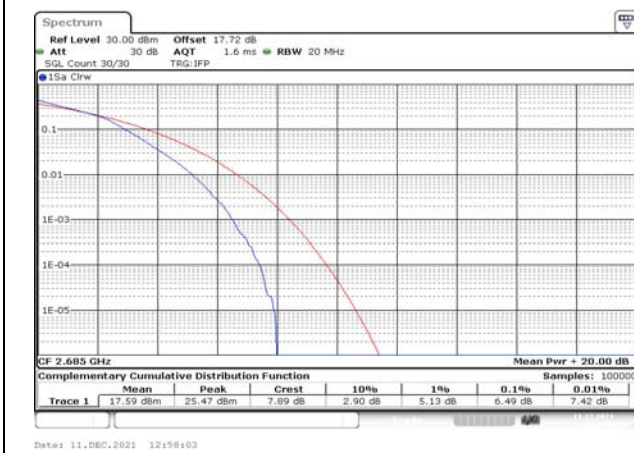


Fig.35

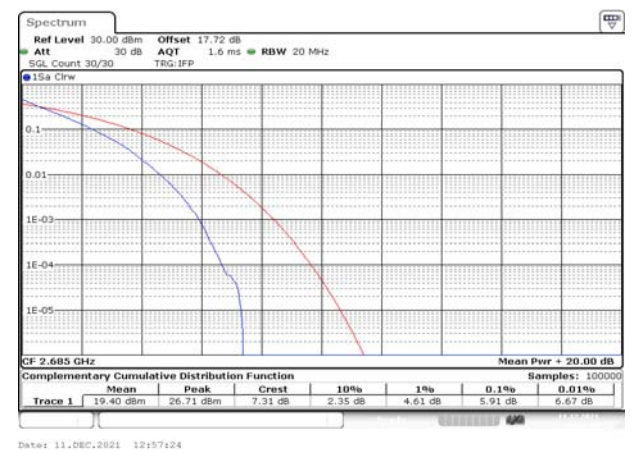


Fig.36

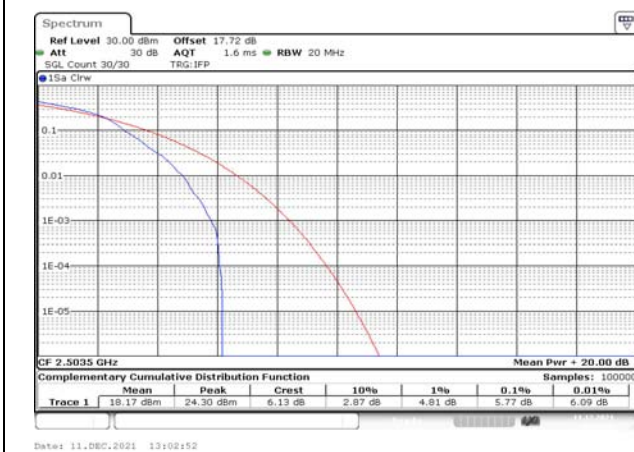


Fig.37

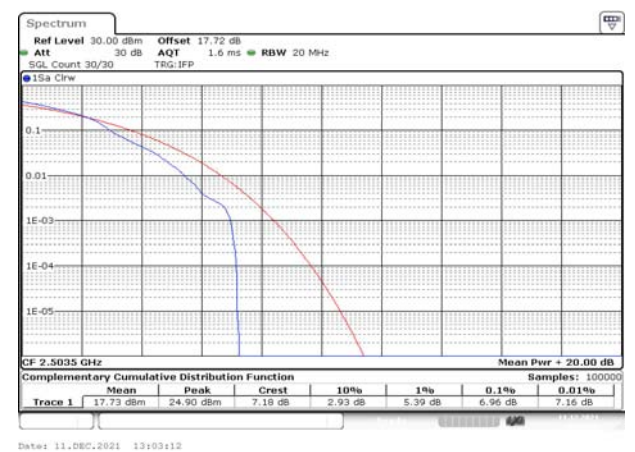


Fig.38

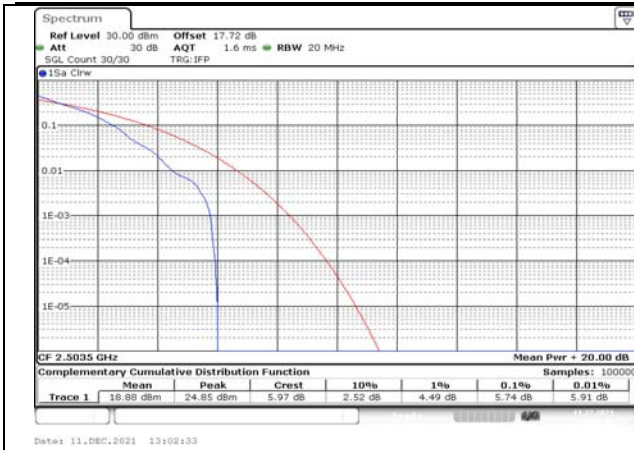


Fig.39

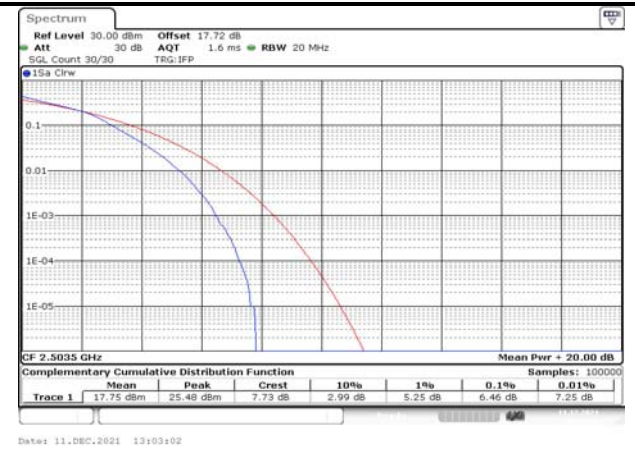


Fig.40

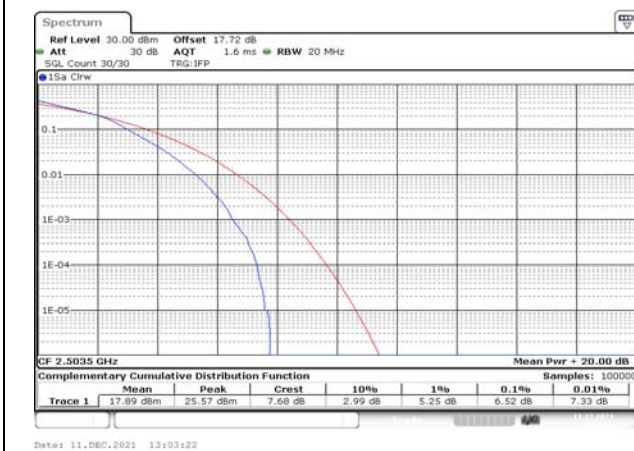


Fig.41

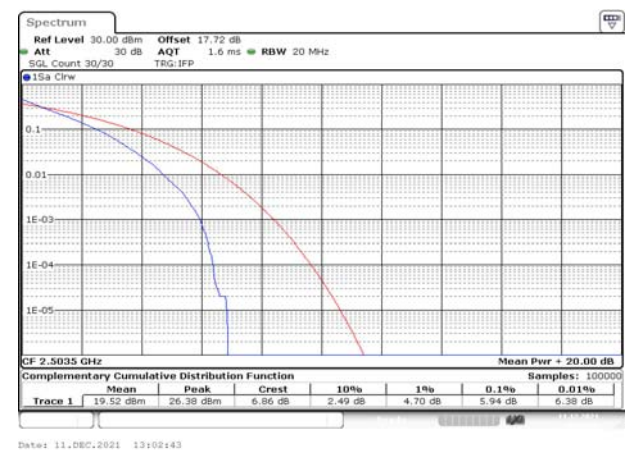


Fig.42

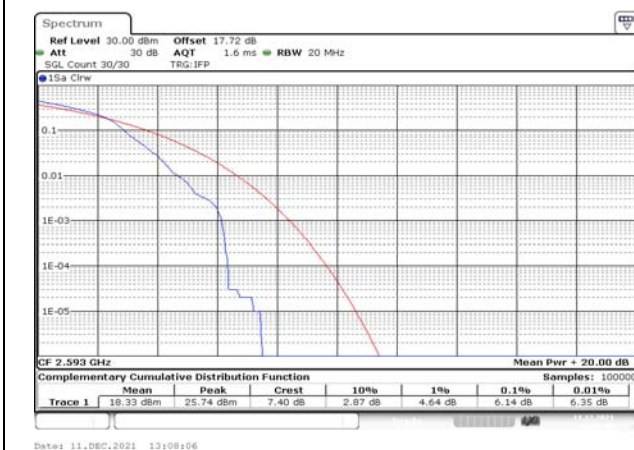


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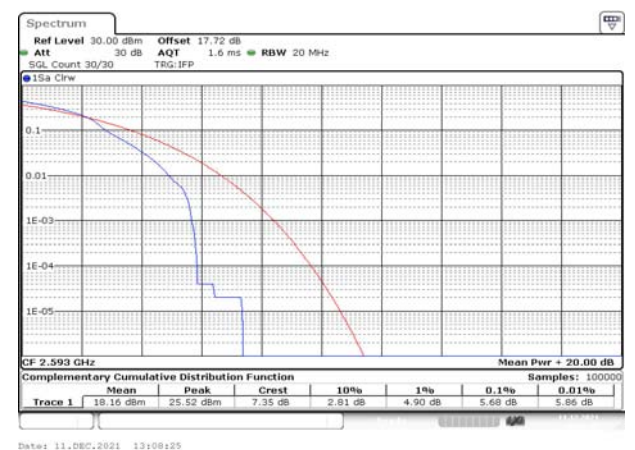


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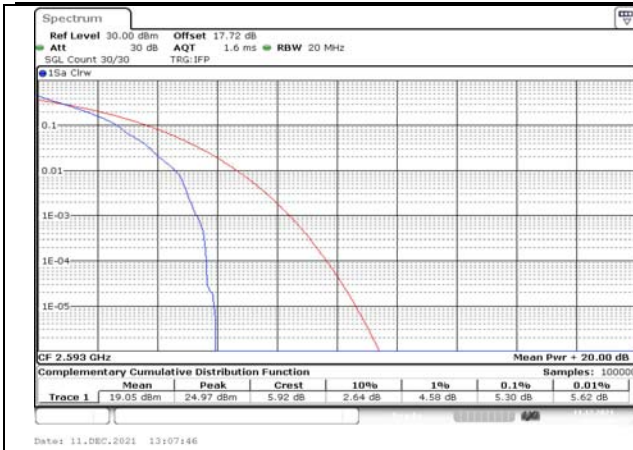


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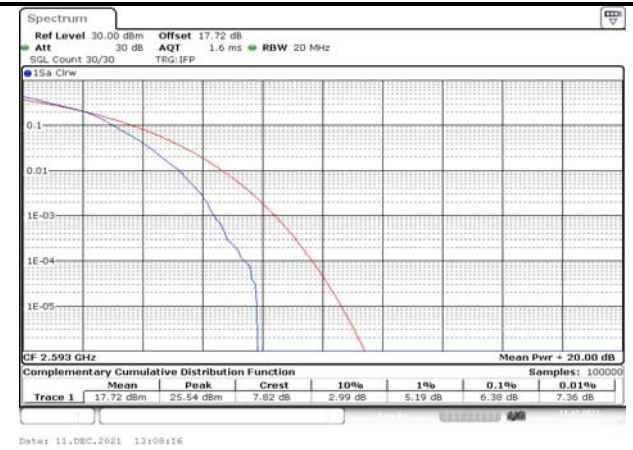


Fig.46

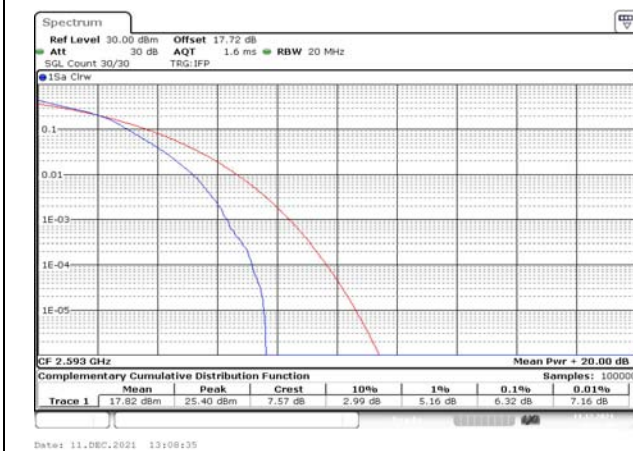


Fig.47

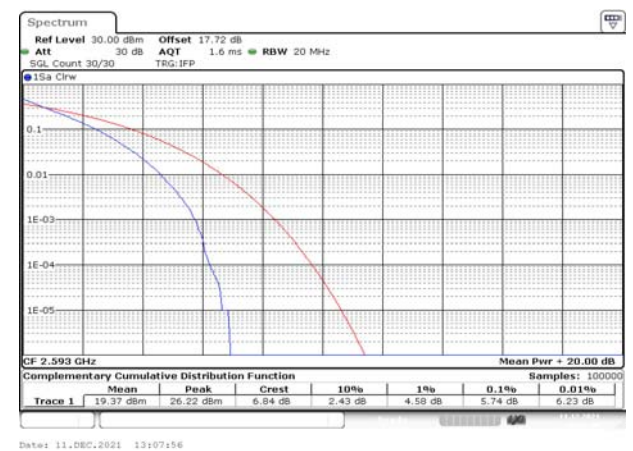


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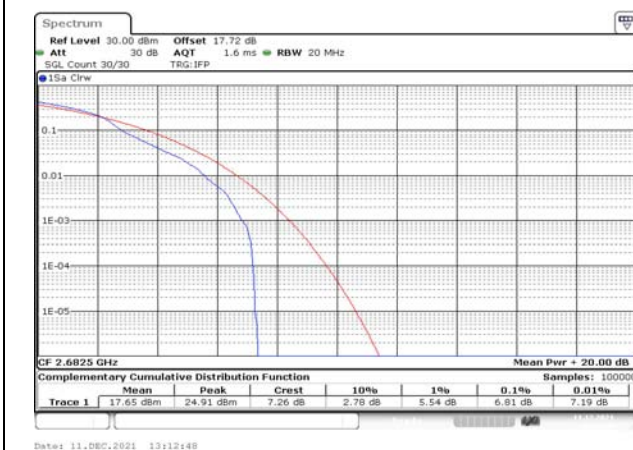


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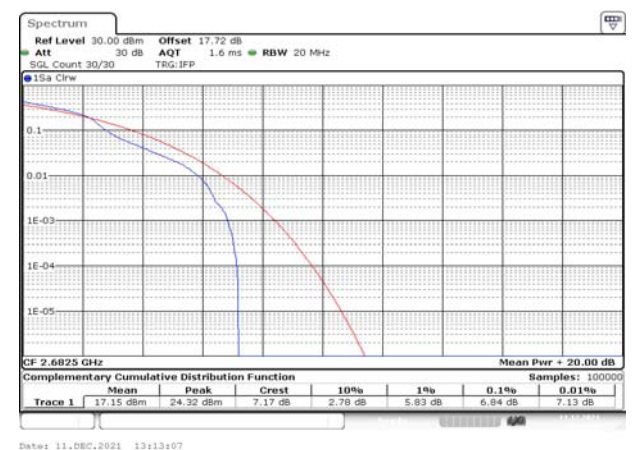


Fig.50

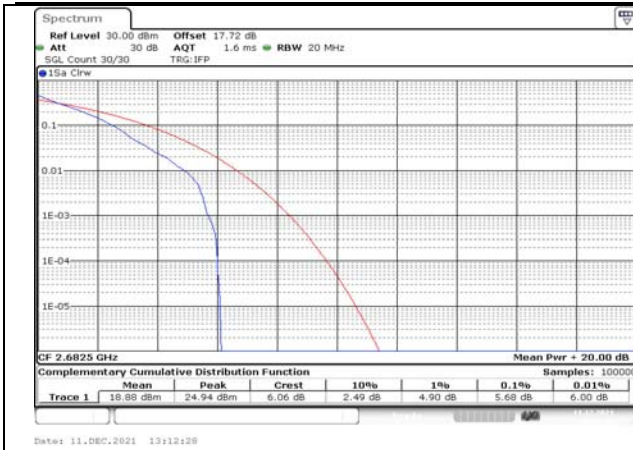


Fig.51

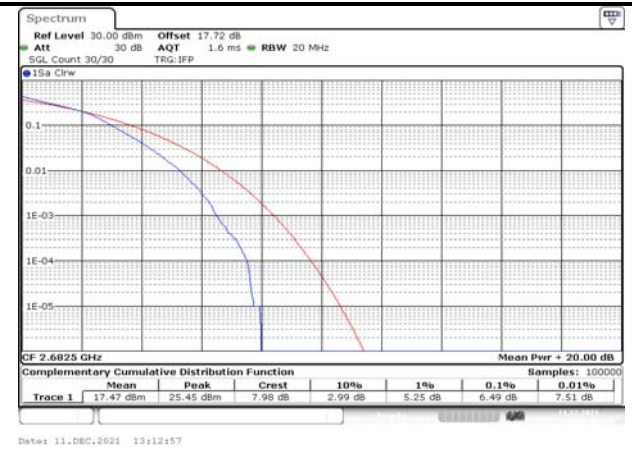


Fig.52

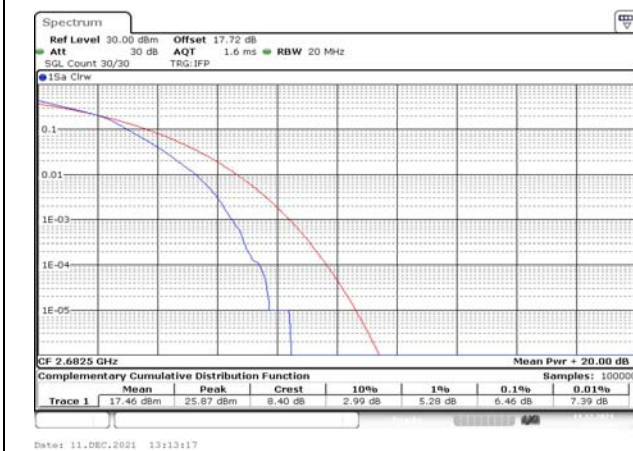


Fig.53

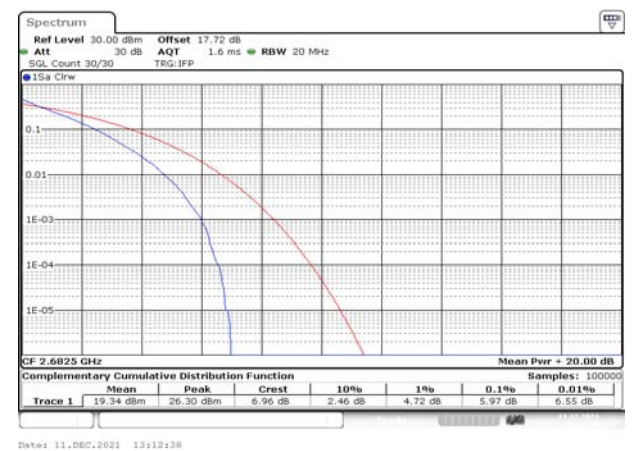


Fig.54

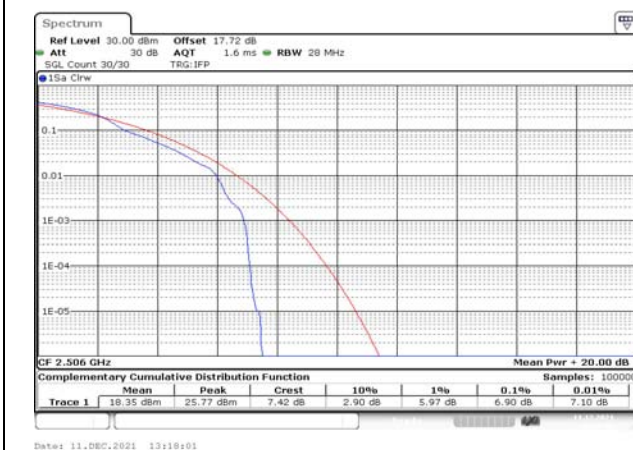


Fig.55

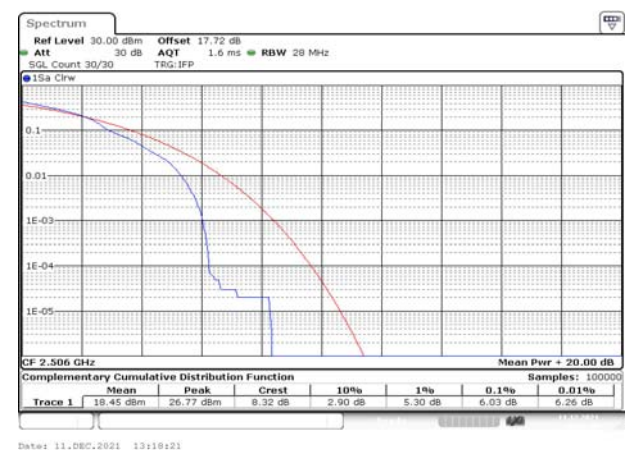


Fig.56

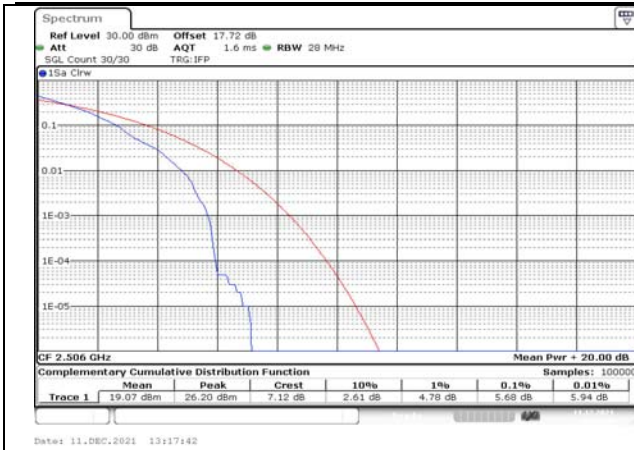


Fig.57

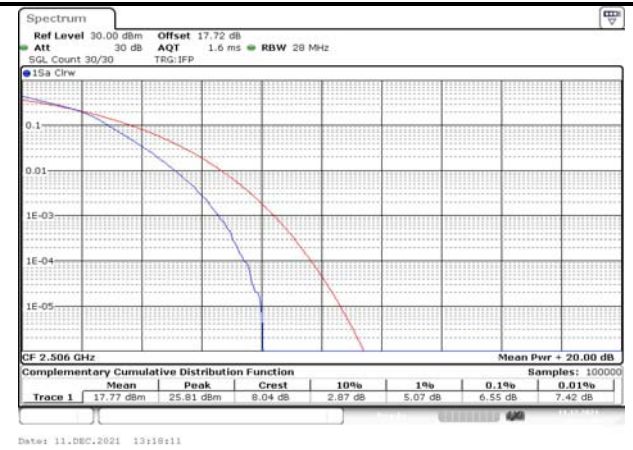


Fig.58

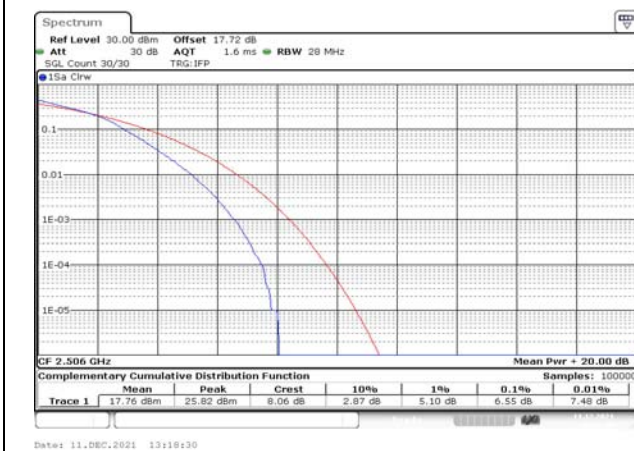


Fig.59

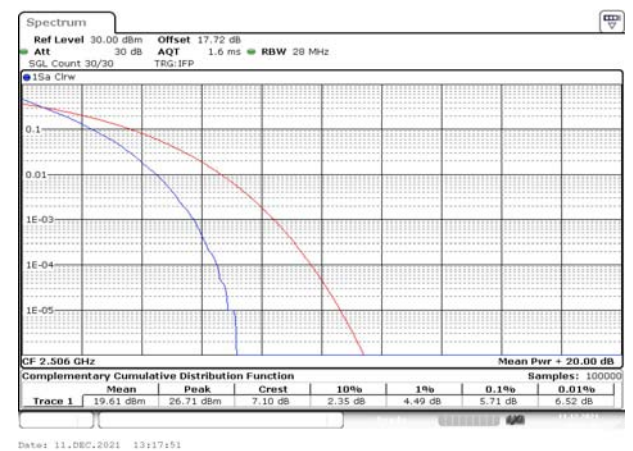


Fig.60

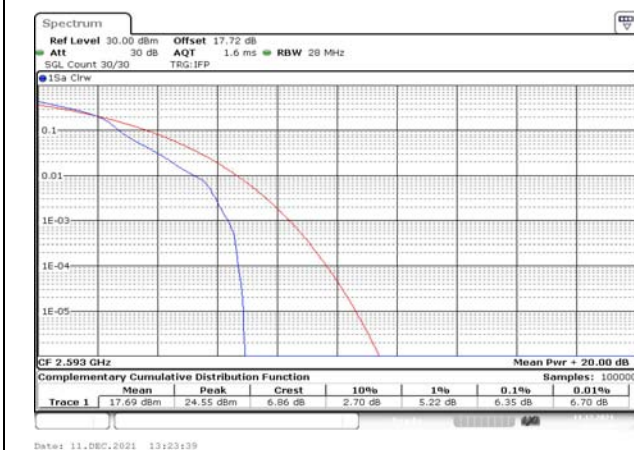


Fig.61

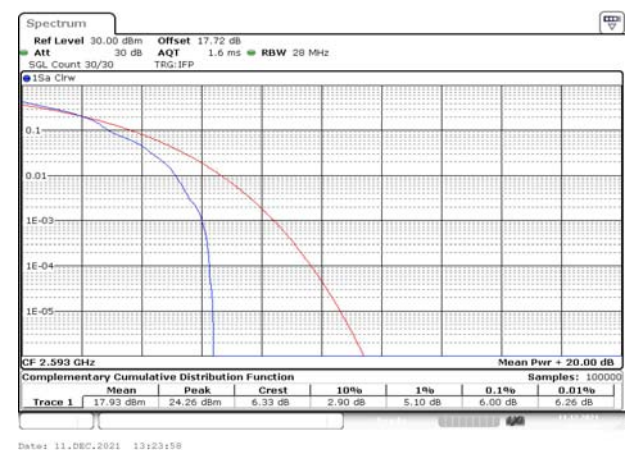


Fig.62

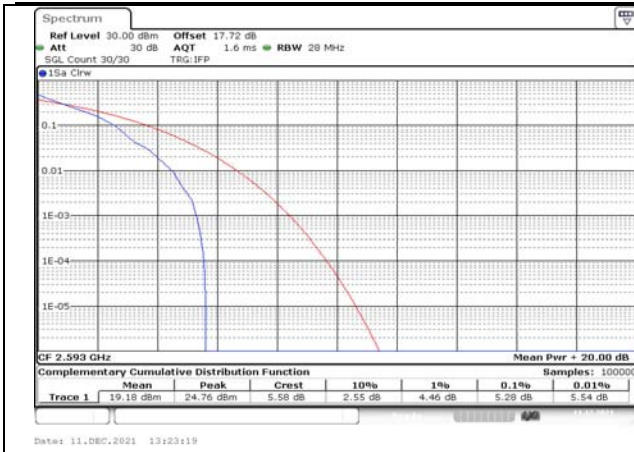


Fig.63

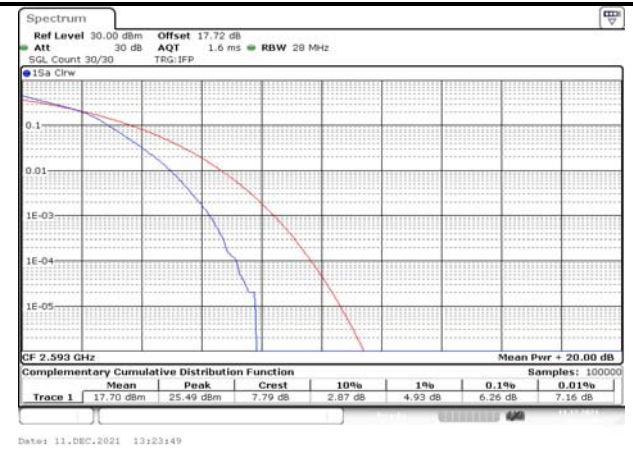


Fig.64

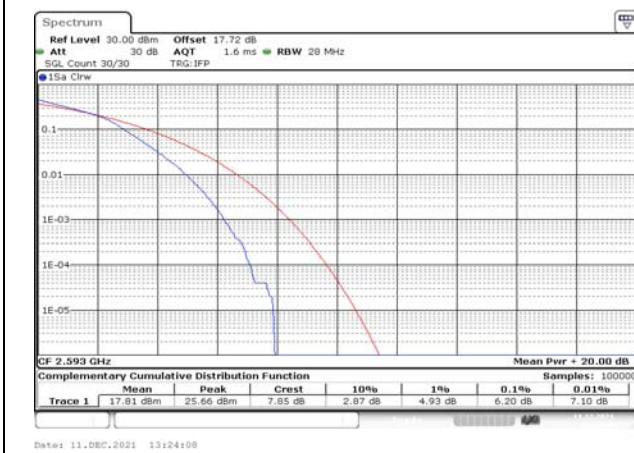


Fig.65

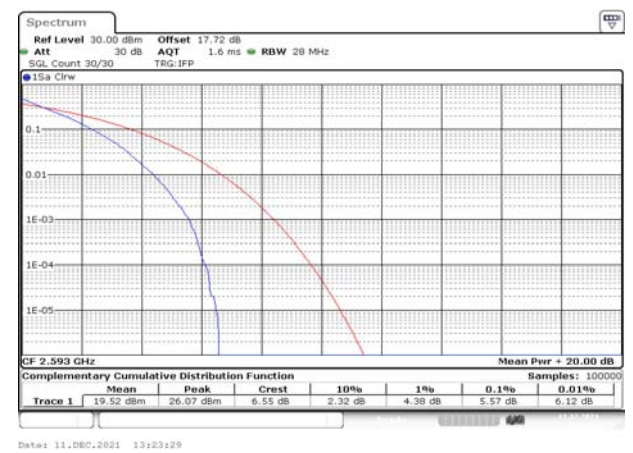


Fig.66

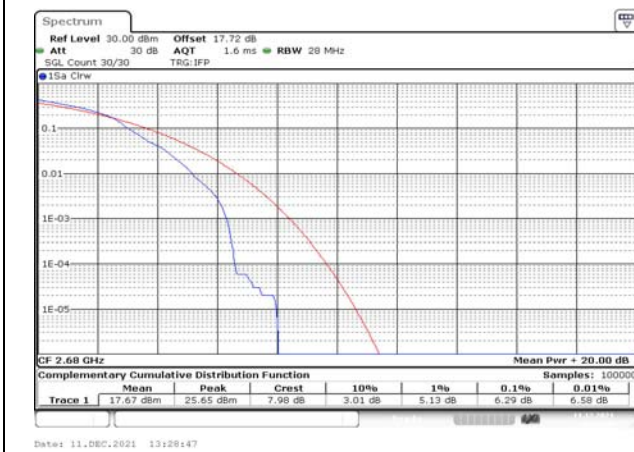


Fig.67

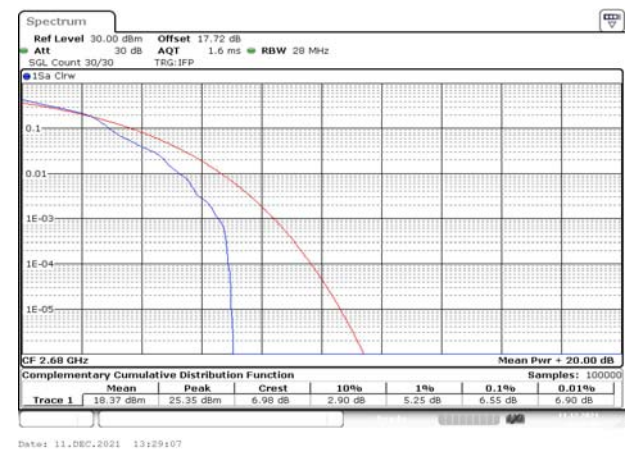


Fig.68

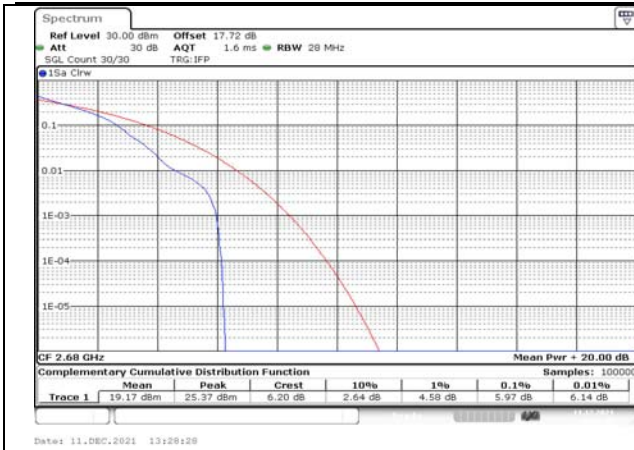


Fig.69

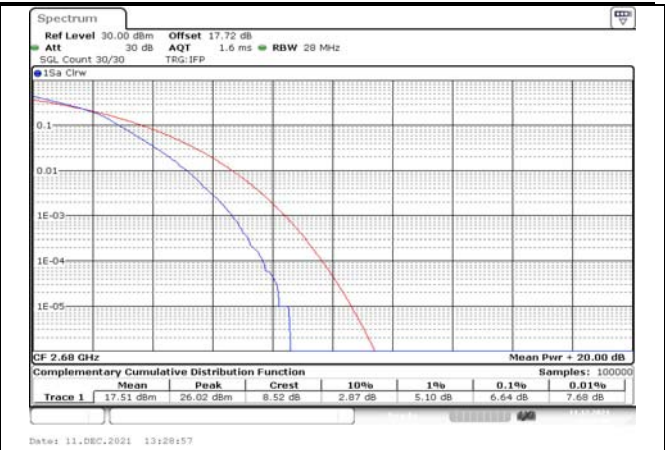


Fig.70

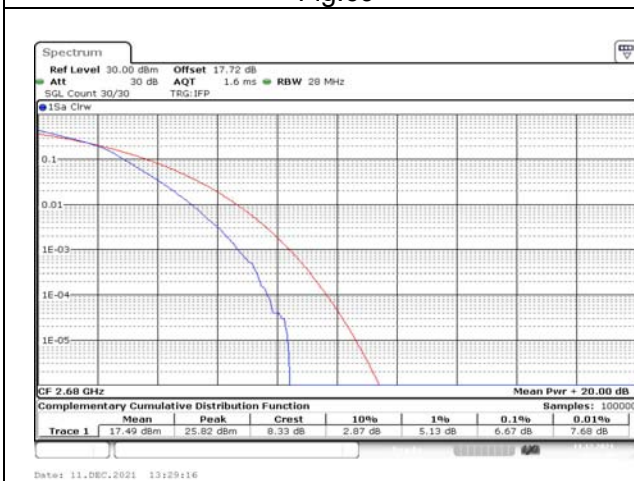


Fig.71

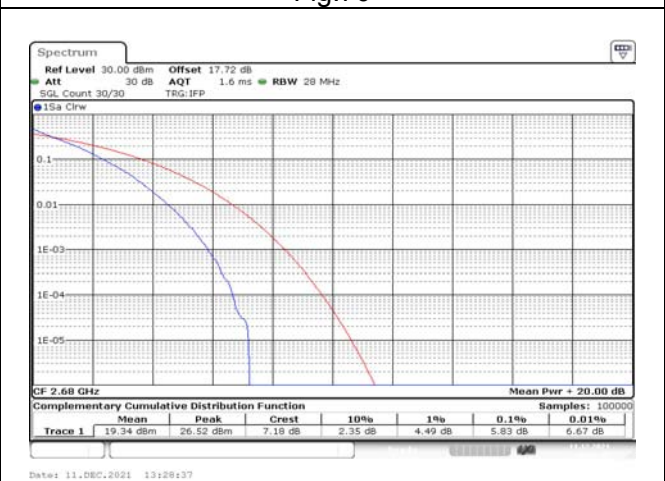


Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
41	2506	39750	20	1	0	Fig.1
41	2593	40620	20	1	0	Fig.2
41	2680	41490	20	1	0	Fig.3

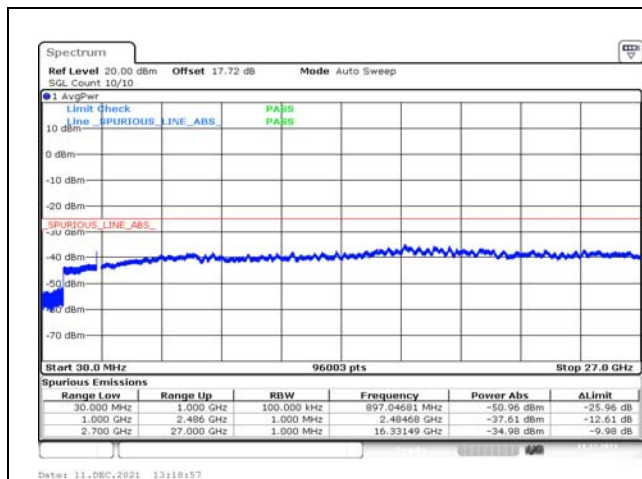


Fig.1

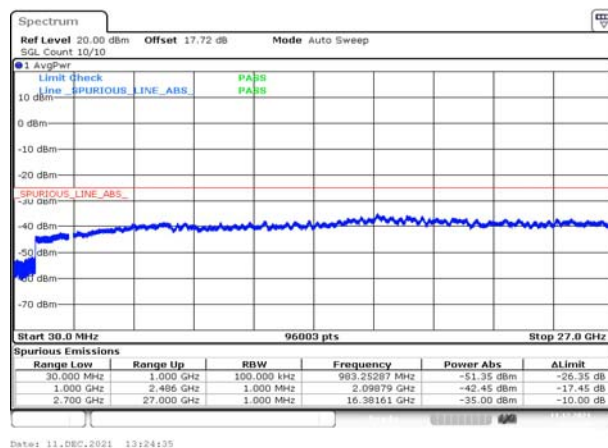


Fig.2

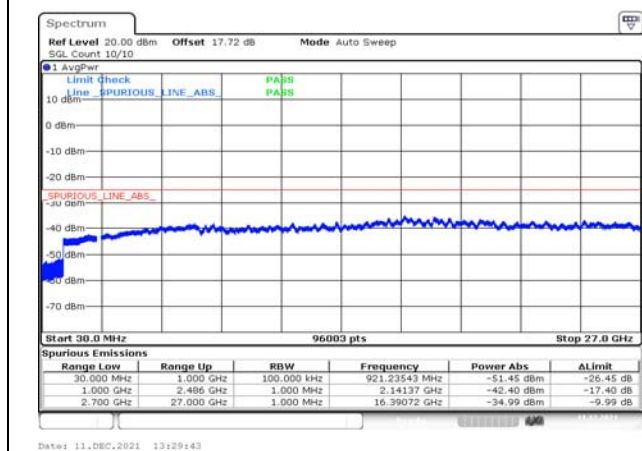


Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
41	2498.5	39675	5	1	0	Fig.1
41	2498.5	39675	5	25	0	Fig.2
41	2687.5	41565	5	1	24	Fig.3
41	2687.5	41565	5	25	0	Fig.4
41	2501	39700	10	1	0	Fig.5
41	2501	39700	10	50	0	Fig.6
41	2685	41540	10	1	49	Fig.7
41	2685	41540	10	50	0	Fig.8
41	2503.5	39725	15	1	0	Fig.9
41	2503.5	39725	15	75	0	Fig.10
41	2682.5	41515	15	1	74	Fig.11
41	2682.5	41515	15	75	0	Fig.12
41	2506	39750	20	1	0	Fig.13
41	2506	39750	20	100	0	Fig.14
41	2680	41490	20	1	99	Fig.15
41	2680	41490	20	100	0	Fig.16

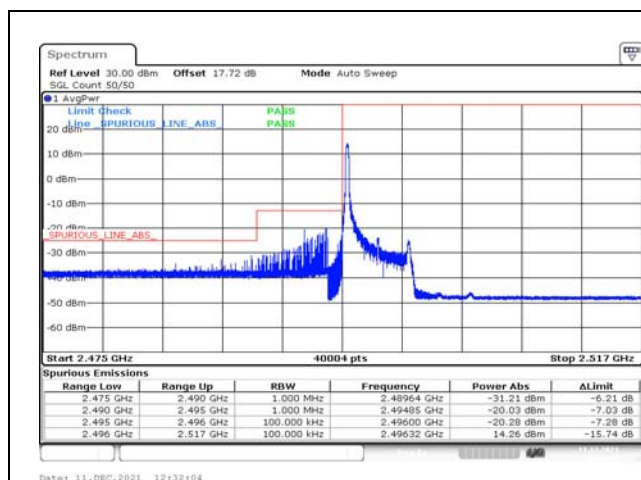


Fig.1

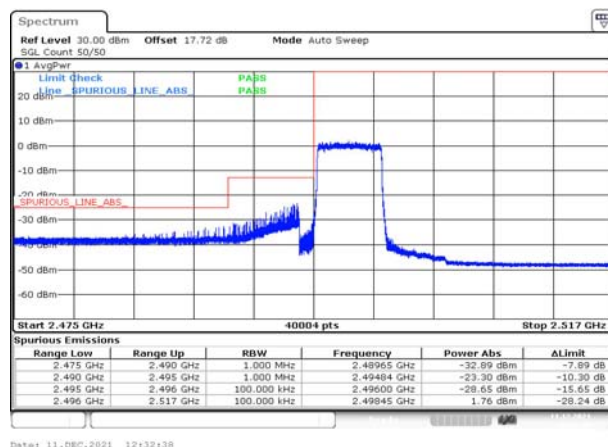


Fig.2

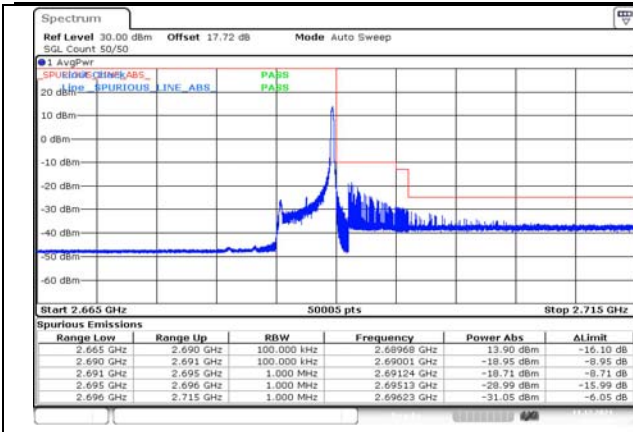


Fig.3

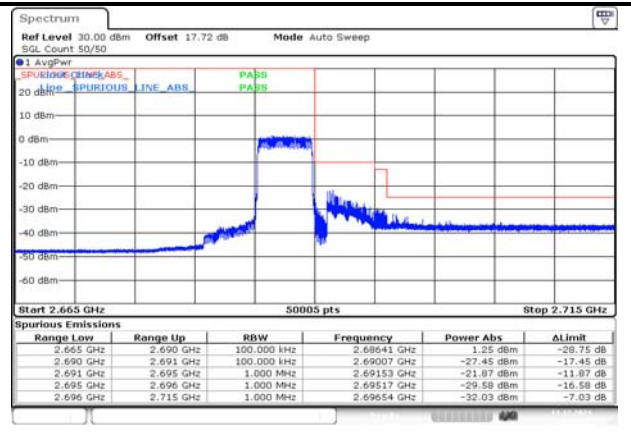


Fig.4

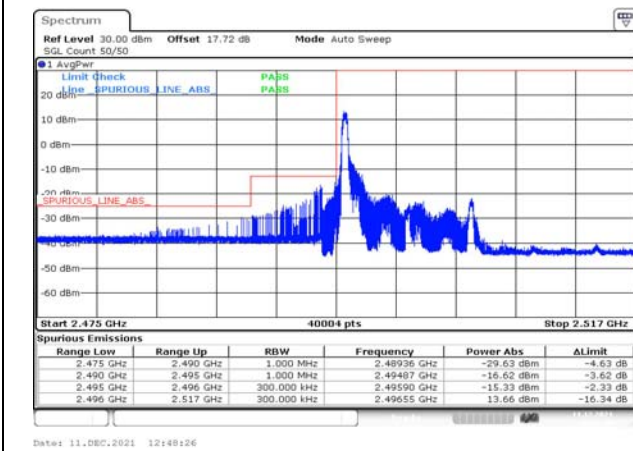


Fig.5

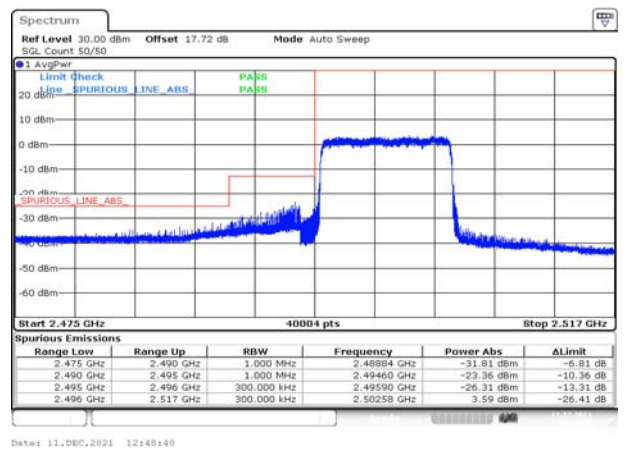


Fig.6

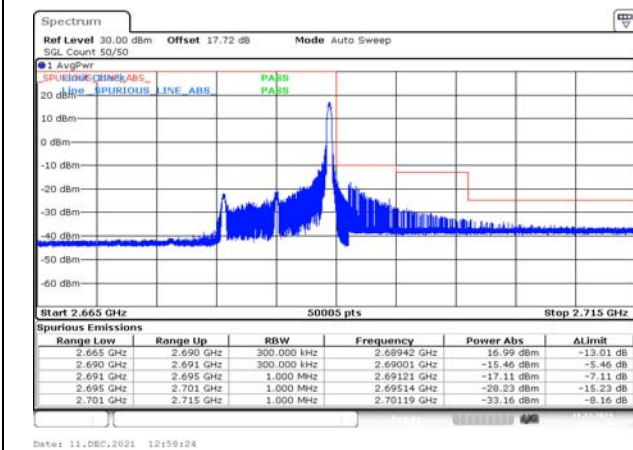


Fig.7

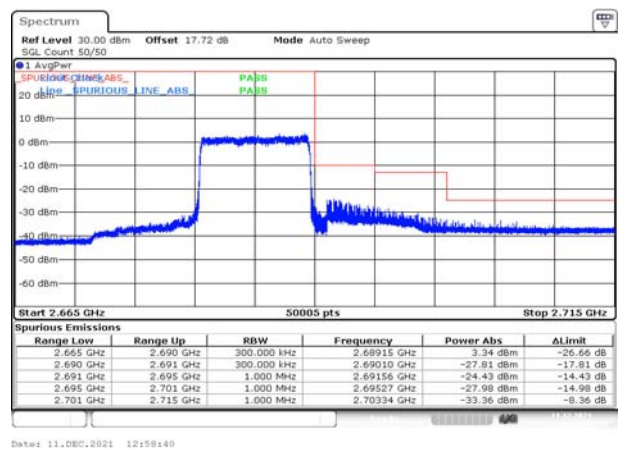


Fig.8

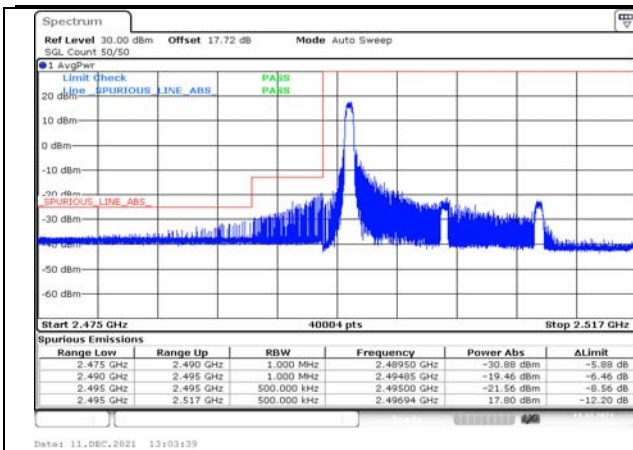


Fig.9

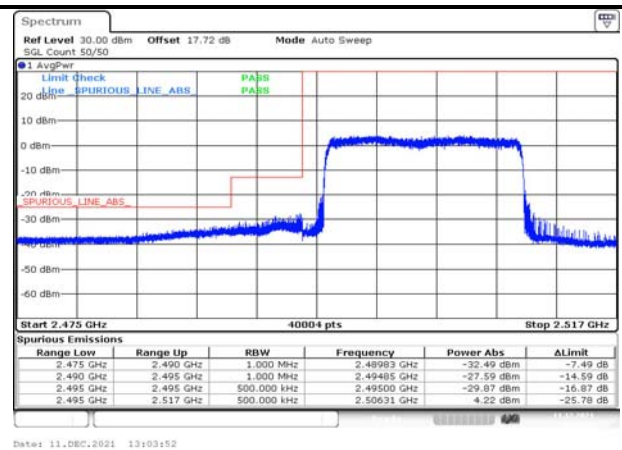


Fig.10

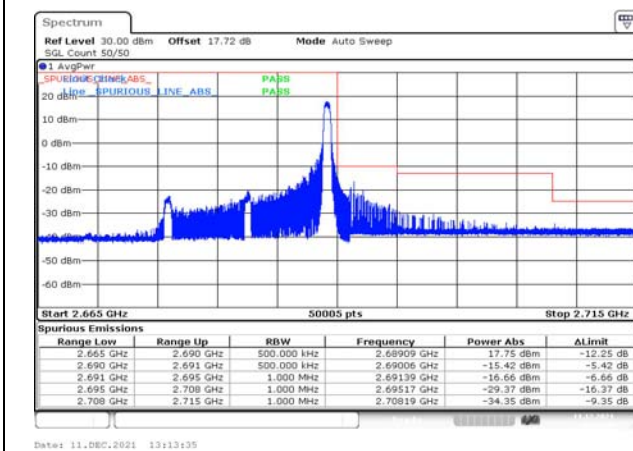


Fig.11

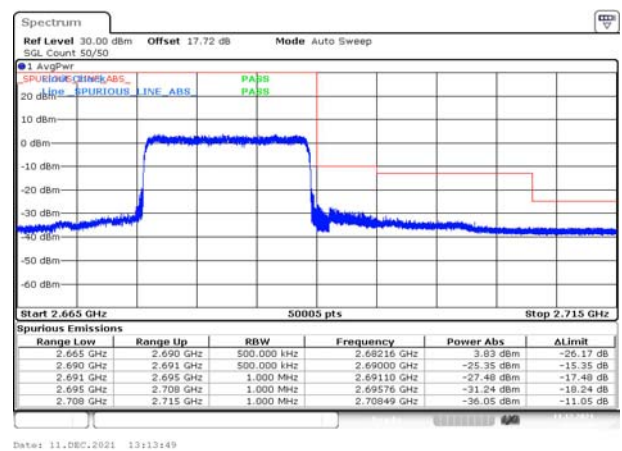


Fig.12

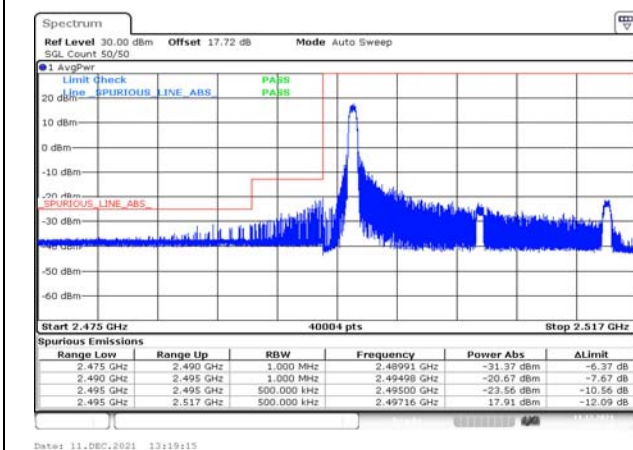


Fig.13

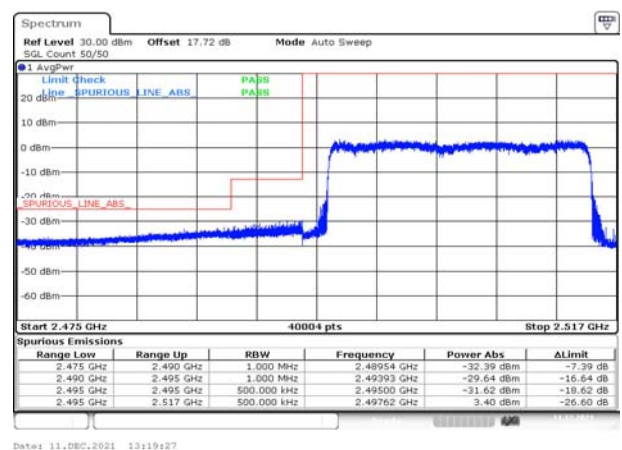


Fig.14

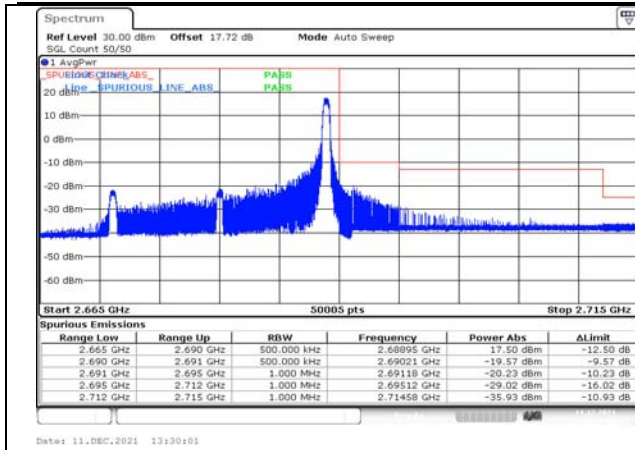


Fig.15

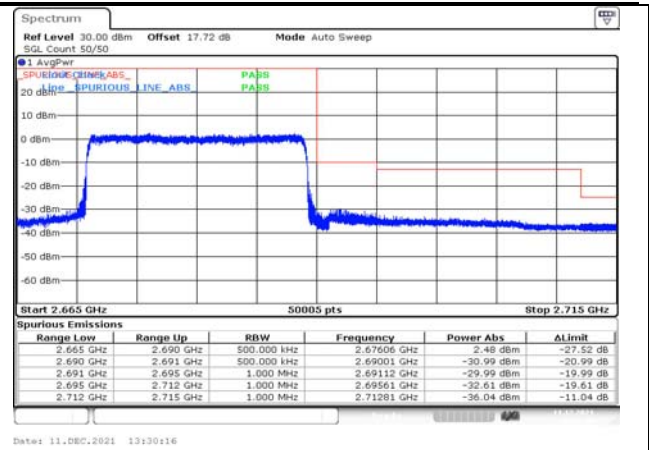


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 41 Low Channel QPSK			
		5M	10M	15M	20M
-30	NV	0.019	0.008	0.009	-0.006
-20	NV	0.017	-0.005	-0.007	-0.016
-10	NV	0.009	-0.008	0.009	-0.013
0	NV	0.008	-0.003	0.007	-0.007
+10	NV	-0.001	-0.006	0.000	-0.012
+30	NV	0.015	-0.014	0.011	-0.009
+40	NV	0.009	0.004	-0.004	-0.012
+50	NV	0.005	0.002	-0.007	-0.004
+20	LV	0.008	0.005	0.010	-0.014
+20	HV	0.020	0.010	0.017	-0.007

Temperature(°C)	Voltage	Test Result (ppm) Band 41 High Channel QPSK			
		5M	10M	15M	20M
-30	NV	0.065	0.004	0.010	0.016
-20	NV	0.003	-0.001	-0.008	-0.004
-10	NV	-0.003	0.005	-0.001	0.003
0	NV	-0.010	0.000	-0.002	0.000
+10	NV	-0.009	0.002	-0.007	-0.002
+30	NV	0.004	0.001	0.002	0.000
+40	NV	-0.003	0.000	-0.005	-0.008
+50	NV	-0.007	-0.007	0.010	-0.009
+20	LV	-0.005	0.004	0.020	-0.001
+20	HV	0.046	0.005	0.004	-0.008

8 Effective Radiated Power and Effective Isotropic Radiated Power

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	2498.5	39675	5	1	0	19.85	19.15	0.082
16QAM	2498.5	39675	5	1	12	19.79	19.09	0.081
16QAM	2498.5	39675	5	1	24	19.75	19.05	0.080
16QAM	2498.5	39675	5	12	0	19.05	18.35	0.068
16QAM	2498.5	39675	5	12	7	19.16	18.46	0.070
16QAM	2498.5	39675	5	12	13	19.12	18.42	0.070
16QAM	2498.5	39675	5	25	0	19.19	18.49	0.071
16QAM	2593	40620	5	1	0	20.05	19.35	0.086
16QAM	2593	40620	5	1	12	19.95	19.25	0.084
16QAM	2593	40620	5	1	24	19.96	19.26	0.084
16QAM	2593	40620	5	12	0	18.70	18.00	0.063
16QAM	2593	40620	5	12	7	18.97	18.27	0.067
16QAM	2593	40620	5	12	13	18.83	18.13	0.065
16QAM	2593	40620	5	25	0	19.10	18.40	0.069
16QAM	2687.5	41565	5	1	0	19.91	19.21	0.083
16QAM	2687.5	41565	5	1	12	20.09	19.39	0.087
16QAM	2687.5	41565	5	1	24	19.87	19.17	0.083
16QAM	2687.5	41565	5	12	0	18.59	17.89	0.062
16QAM	2687.5	41565	5	12	7	18.61	17.91	0.062
16QAM	2687.5	41565	5	12	13	18.58	17.88	0.061
16QAM	2687.5	41565	5	25	0	18.89	18.19	0.066
64QAM	2498.5	39675	5	1	0	20.04	19.34	0.086
64QAM	2498.5	39675	5	1	12	20.56	19.86	0.097
64QAM	2498.5	39675	5	1	24	20.16	19.46	0.088
64QAM	2498.5	39675	5	12	0	18.88	18.18	0.066
64QAM	2498.5	39675	5	12	7	18.98	18.28	0.067
64QAM	2498.5	39675	5	12	13	18.91	18.21	0.066
64QAM	2498.5	39675	5	25	0	19.03	18.33	0.068
64QAM	2593	40620	5	1	0	20.15	19.45	0.088
64QAM	2593	40620	5	1	12	20.02	19.32	0.086
64QAM	2593	40620	5	1	24	20.05	19.35	0.086
64QAM	2593	40620	5	12	0	18.79	18.09	0.064
64QAM	2593	40620	5	12	7	18.81	18.11	0.065
64QAM	2593	40620	5	12	13	18.68	17.98	0.063
64QAM	2593	40620	5	25	0	19.03	18.33	0.068
64QAM	2687.5	41565	5	1	0	19.69	18.99	0.079
64QAM	2687.5	41565	5	1	12	19.53	18.83	0.076
64QAM	2687.5	41565	5	1	24	19.52	18.82	0.076
64QAM	2687.5	41565	5	12	0	18.80	18.10	0.065
64QAM	2687.5	41565	5	12	7	18.72	18.02	0.063
64QAM	2687.5	41565	5	12	13	18.70	18.00	0.063

64QAM	2687.5	41565	5	25	0	18.71	18.01	0.063
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Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2498.5	39675	5	1	0	20.81	20.11	0.103
QPSK	2498.5	39675	5	1	12	20.86	20.16	0.104
QPSK	2498.5	39675	5	1	24	20.92	20.22	0.105
QPSK	2498.5	39675	5	12	0	20.99	20.29	0.107
QPSK	2498.5	39675	5	12	7	20.84	20.14	0.103
QPSK	2498.5	39675	5	12	13	20.91	20.21	0.105
QPSK	2498.5	39675	5	25	0	20.94	20.24	0.106
QPSK	2593	40620	5	1	0	20.46	19.76	0.095
QPSK	2593	40620	5	1	12	20.46	19.76	0.095
QPSK	2593	40620	5	1	24	20.51	19.81	0.096
QPSK	2593	40620	5	12	0	20.81	20.11	0.103
QPSK	2593	40620	5	12	7	20.83	20.13	0.103
QPSK	2593	40620	5	12	13	20.71	20.01	0.100
QPSK	2593	40620	5	25	0	20.69	19.99	0.100
QPSK	2687.5	41565	5	1	0	20.57	19.87	0.097
QPSK	2687.5	41565	5	1	12	20.66	19.96	0.099
QPSK	2687.5	41565	5	1	24	20.62	19.92	0.098
QPSK	2687.5	41565	5	12	0	20.60	19.90	0.098
QPSK	2687.5	41565	5	12	7	20.61	19.91	0.098
QPSK	2687.5	41565	5	12	13	20.60	19.90	0.098
QPSK	2687.5	41565	5	25	0	20.62	19.92	0.098

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	2501	39700	10	1	0	20.00	19.30	0.085
16QAM	2501	39700	10	1	25	19.54	18.84	0.077
16QAM	2501	39700	10	1	49	20.43	19.73	0.094
16QAM	2501	39700	10	25	0	19.08	18.38	0.069
16QAM	2501	39700	10	25	12	19.04	18.34	0.068
16QAM	2501	39700	10	25	25	18.94	18.24	0.067
16QAM	2501	39700	10	50	0	18.74	18.04	0.064
16QAM	2593	40620	10	1	0	20.51	19.81	0.096
16QAM	2593	40620	10	1	25	20.40	19.70	0.093
16QAM	2593	40620	10	1	49	20.41	19.71	0.094
16QAM	2593	40620	10	25	0	18.83	18.13	0.065
16QAM	2593	40620	10	25	12	18.94	18.24	0.067
16QAM	2593	40620	10	25	25	18.88	18.18	0.066
16QAM	2593	40620	10	50	0	18.91	18.21	0.066
16QAM	2685	41540	10	1	0	19.65	18.95	0.079
16QAM	2685	41540	10	1	25	19.65	18.95	0.079
16QAM	2685	41540	10	1	49	19.60	18.90	0.078
16QAM	2685	41540	10	25	0	18.73	18.03	0.064
16QAM	2685	41540	10	25	12	18.78	18.08	0.064
16QAM	2685	41540	10	25	25	18.72	18.02	0.063
16QAM	2685	41540	10	50	0	18.39	17.69	0.059
64QAM	2501	39700	10	1	0	20.09	19.39	0.087
64QAM	2501	39700	10	1	25	20.00	19.30	0.085
64QAM	2501	39700	10	1	49	20.09	19.39	0.087
64QAM	2501	39700	10	25	0	18.95	18.25	0.067
64QAM	2501	39700	10	25	12	18.95	18.25	0.067
64QAM	2501	39700	10	25	25	18.94	18.24	0.067
64QAM	2501	39700	10	50	0	18.72	18.02	0.063
64QAM	2593	40620	10	1	0	20.03	19.33	0.086
64QAM	2593	40620	10	1	25	19.98	19.28	0.085
64QAM	2593	40620	10	1	49	20.11	19.41	0.087
64QAM	2593	40620	10	25	0	18.80	18.10	0.065
64QAM	2593	40620	10	25	12	18.91	18.21	0.066
64QAM	2593	40620	10	25	25	18.73	18.03	0.064
64QAM	2593	40620	10	50	0	18.77	18.07	0.064
64QAM	2685	41540	10	1	0	19.39	18.69	0.074
64QAM	2685	41540	10	1	25	19.29	18.59	0.072
64QAM	2685	41540	10	1	49	19.35	18.65	0.073
64QAM	2685	41540	10	25	0	18.79	18.09	0.064
64QAM	2685	41540	10	25	12	18.71	18.01	0.063
64QAM	2685	41540	10	25	25	18.77	18.07	0.064

64QAM	2685	41540	10	50	0	18.40	17.70	0.059
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Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2501	39700	10	1	0	20.99	20.29	0.107
QPSK	2501	39700	10	1	25	20.86	20.16	0.104
QPSK	2501	39700	10	1	49	20.84	20.14	0.103
QPSK	2501	39700	10	25	0	20.95	20.25	0.106
QPSK	2501	39700	10	25	12	20.95	20.25	0.106
QPSK	2501	39700	10	25	25	20.82	20.12	0.103
QPSK	2501	39700	10	50	0	20.52	19.82	0.096
QPSK	2593	40620	10	1	0	20.68	19.98	0.100
QPSK	2593	40620	10	1	25	20.66	19.96	0.099
QPSK	2593	40620	10	1	49	20.69	19.99	0.100
QPSK	2593	40620	10	25	0	20.72	20.02	0.100
QPSK	2593	40620	10	25	12	20.70	20.00	0.100
QPSK	2593	40620	10	25	25	20.66	19.96	0.099
QPSK	2593	40620	10	50	0	20.39	19.69	0.093
QPSK	2685	41540	10	1	0	20.61	19.91	0.098
QPSK	2685	41540	10	1	25	20.56	19.86	0.097
QPSK	2685	41540	10	1	49	20.49	19.79	0.095
QPSK	2685	41540	10	25	0	20.53	19.83	0.096
QPSK	2685	41540	10	25	12	20.57	19.87	0.097
QPSK	2685	41540	10	25	25	20.50	19.80	0.095
QPSK	2685	41540	10	50	0	20.25	19.55	0.090

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	2503.5	39725	15	1	0	20.05	19.35	0.086
16QAM	2503.5	39725	15	1	37	20.18	19.48	0.089
16QAM	2503.5	39725	15	1	74	20.35	19.65	0.092
16QAM	2503.5	39725	15	36	0	19.12	18.42	0.070
16QAM	2503.5	39725	15	36	29	19.04	18.34	0.068
16QAM	2503.5	39725	15	36	30	18.93	18.23	0.067
16QAM	2503.5	39725	15	75	0	18.73	18.03	0.064
16QAM	2593	40620	15	1	0	20.60	19.90	0.098
16QAM	2593	40620	15	1	37	20.37	19.67	0.093
16QAM	2593	40620	15	1	74	20.39	19.69	0.093
16QAM	2593	40620	15	36	0	18.80	18.10	0.065
16QAM	2593	40620	15	36	29	18.93	18.23	0.067
16QAM	2593	40620	15	36	30	18.86	18.16	0.065
16QAM	2593	40620	15	75	0	18.80	18.10	0.065
16QAM	2682.5	41515	15	1	0	19.54	18.84	0.077
16QAM	2682.5	41515	15	1	37	19.40	18.70	0.074
16QAM	2682.5	41515	15	1	74	19.30	18.60	0.072
16QAM	2682.5	41515	15	36	0	18.78	18.08	0.064
16QAM	2682.5	41515	15	36	29	18.81	18.11	0.065
16QAM	2682.5	41515	15	36	30	18.82	18.12	0.065
16QAM	2682.5	41515	15	75	0	18.54	17.84	0.061
64QAM	2503.5	39725	15	1	0	19.68	18.98	0.079
64QAM	2503.5	39725	15	1	37	19.75	19.05	0.080
64QAM	2503.5	39725	15	1	74	19.72	19.02	0.080
64QAM	2503.5	39725	15	36	0	19.00	18.30	0.068
64QAM	2503.5	39725	15	36	29	18.93	18.23	0.067
64QAM	2503.5	39725	15	36	30	18.93	18.23	0.067
64QAM	2503.5	39725	15	75	0	18.74	18.04	0.064
64QAM	2593	40620	15	1	0	20.17	19.47	0.089
64QAM	2593	40620	15	1	37	19.97	19.27	0.085
64QAM	2593	40620	15	1	74	19.95	19.25	0.084
64QAM	2593	40620	15	36	0	18.84	18.14	0.065
64QAM	2593	40620	15	36	29	18.84	18.14	0.065
64QAM	2593	40620	15	36	30	18.85	18.15	0.065
64QAM	2593	40620	15	75	0	18.84	18.14	0.065
64QAM	2682.5	41515	15	1	0	18.92	18.22	0.066
64QAM	2682.5	41515	15	1	37	18.70	18.00	0.063
64QAM	2682.5	41515	15	1	74	18.85	18.15	0.065
64QAM	2682.5	41515	15	36	0	18.91	18.21	0.066
64QAM	2682.5	41515	15	36	29	18.80	18.10	0.065
64QAM	2682.5	41515	15	36	30	18.81	18.11	0.065

64QAM	2682.5	41515	15	75	0	18.40	17.70	0.059
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Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2503.5	39725	15	1	0	20.90	20.20	0.105
QPSK	2503.5	39725	15	1	37	20.72	20.02	0.100
QPSK	2503.5	39725	15	1	74	20.83	20.13	0.103
QPSK	2503.5	39725	15	36	0	20.96	20.26	0.106
QPSK	2503.5	39725	15	36	29	20.79	20.09	0.102
QPSK	2503.5	39725	15	36	30	20.79	20.09	0.102
QPSK	2503.5	39725	15	75	0	20.48	19.78	0.095
QPSK	2593	40620	15	1	0	20.78	20.08	0.102
QPSK	2593	40620	15	1	37	20.75	20.05	0.101
QPSK	2593	40620	15	1	74	20.74	20.04	0.101
QPSK	2593	40620	15	36	0	20.83	20.13	0.103
QPSK	2593	40620	15	36	29	20.84	20.14	0.103
QPSK	2593	40620	15	36	30	20.74	20.04	0.101
QPSK	2593	40620	15	75	0	20.49	19.79	0.095
QPSK	2682.5	41515	15	1	0	20.88	20.18	0.104
QPSK	2682.5	41515	15	1	37	20.78	20.08	0.102
QPSK	2682.5	41515	15	1	74	20.63	19.93	0.098
QPSK	2682.5	41515	15	36	0	20.68	19.98	0.100
QPSK	2682.5	41515	15	36	29	20.73	20.03	0.101
QPSK	2682.5	41515	15	36	30	20.73	20.03	0.101
QPSK	2682.5	41515	15	75	0	20.38	19.68	0.093

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	2506	39750	20	1	0	20.09	19.39	0.087
16QAM	2506	39750	20	1	49	20.04	19.34	0.086
16QAM	2506	39750	20	1	99	20.01	19.31	0.085
16QAM	2506	39750	20	50	0	19.16	18.46	0.070
16QAM	2506	39750	20	50	24	19.06	18.36	0.069
16QAM	2506	39750	20	50	50	19.01	18.31	0.068
16QAM	2506	39750	20	100	0	18.63	17.93	0.062
16QAM	2593	40620	20	1	0	19.75	19.05	0.080
16QAM	2593	40620	20	1	49	19.71	19.01	0.080
16QAM	2593	40620	20	1	99	19.66	18.96	0.079
16QAM	2593	40620	20	50	0	18.84	18.14	0.065
16QAM	2593	40620	20	50	24	18.99	18.29	0.067
16QAM	2593	40620	20	50	50	18.92	18.22	0.066
16QAM	2593	40620	20	100	0	18.74	18.04	0.064
16QAM	2680	41490	20	1	0	19.49	18.79	0.076
16QAM	2680	41490	20	1	49	19.34	18.64	0.073
16QAM	2680	41490	20	1	99	19.34	18.64	0.073
16QAM	2680	41490	20	50	0	18.85	18.15	0.065
16QAM	2680	41490	20	50	24	18.84	18.14	0.065
16QAM	2680	41490	20	50	50	18.89	18.19	0.066
16QAM	2680	41490	20	100	0	18.50	17.80	0.060
64QAM	2506	39750	20	1	0	20.14	19.44	0.088
64QAM	2506	39750	20	1	49	20.23	19.53	0.090
64QAM	2506	39750	20	1	99	20.05	19.35	0.086
64QAM	2506	39750	20	50	0	19.16	18.46	0.070
64QAM	2506	39750	20	50	24	19.06	18.36	0.069
64QAM	2506	39750	20	50	50	19.03	18.33	0.068
64QAM	2506	39750	20	100	0	18.64	17.94	0.062
64QAM	2593	40620	20	1	0	19.51	18.81	0.076
64QAM	2593	40620	20	1	49	19.54	18.84	0.077
64QAM	2593	40620	20	1	99	19.34	18.64	0.073
64QAM	2593	40620	20	50	0	18.83	18.13	0.065
64QAM	2593	40620	20	50	24	18.97	18.27	0.067
64QAM	2593	40620	20	50	50	18.91	18.21	0.066
64QAM	2593	40620	20	100	0	18.66	17.96	0.063
64QAM	2680	41490	20	1	0	19.78	19.08	0.081
64QAM	2680	41490	20	1	49	19.65	18.95	0.079
64QAM	2680	41490	20	1	99	19.70	19.00	0.079
64QAM	2680	41490	20	50	0	18.86	18.16	0.065
64QAM	2680	41490	20	50	24	18.85	18.15	0.065
64QAM	2680	41490	20	50	50	18.89	18.19	0.066

64QAM	2680	41490	20	100	0	18.50	17.80	0.060
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Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	2506	39750	20	1	0	20.91	20.21	0.105
QPSK	2506	39750	20	1	49	20.84	20.14	0.103
QPSK	2506	39750	20	1	99	20.74	20.04	0.101
QPSK	2506	39750	20	50	0	20.90	20.20	0.105
QPSK	2506	39750	20	50	24	21.03	20.33	0.108
QPSK	2506	39750	20	50	50	20.78	20.08	0.102
QPSK	2506	39750	20	100	0	20.50	19.80	0.095
QPSK	2593	40620	20	1	0	20.91	20.21	0.105
QPSK	2593	40620	20	1	49	20.88	20.18	0.104
QPSK	2593	40620	20	1	99	20.82	20.12	0.103
QPSK	2593	40620	20	50	0	20.80	20.10	0.102
QPSK	2593	40620	20	50	24	20.75	20.05	0.101
QPSK	2593	40620	20	50	50	20.72	20.02	0.100
QPSK	2593	40620	20	100	0	20.45	19.75	0.094
QPSK	2680	41490	20	1	0	20.74	20.04	0.101
QPSK	2680	41490	20	1	49	20.68	19.98	0.100
QPSK	2680	41490	20	1	99	20.82	20.12	0.103
QPSK	2680	41490	20	50	0	20.65	19.95	0.099
QPSK	2680	41490	20	50	24	20.71	20.01	0.100
QPSK	2680	41490	20	50	50	20.63	19.93	0.098
QPSK	2680	41490	20	100	0	20.32	19.62	0.092