

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 5

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	824.7	20407	1.4	1	0	23.03
16QAM	824.7	20407	1.4	1	3	22.98
16QAM	824.7	20407	1.4	1	5	23.01
16QAM	824.7	20407	1.4	3	0	22.91
16QAM	824.7	20407	1.4	3	1	23.03
16QAM	824.7	20407	1.4	3	3	22.98
16QAM	824.7	20407	1.4	6	0	21.94
16QAM	836.5	20525	1.4	1	0	23.31
16QAM	836.5	20525	1.4	1	3	23.40
16QAM	836.5	20525	1.4	1	5	23.57
16QAM	836.5	20525	1.4	3	0	22.93
16QAM	836.5	20525	1.4	3	1	22.97
16QAM	836.5	20525	1.4	3	3	23.05
16QAM	836.5	20525	1.4	6	0	22.16
16QAM	848.3	20643	1.4	1	0	22.91
16QAM	848.3	20643	1.4	1	3	22.93
16QAM	848.3	20643	1.4	1	5	22.96
16QAM	848.3	20643	1.4	3	0	22.39
16QAM	848.3	20643	1.4	3	1	22.47
16QAM	848.3	20643	1.4	3	3	22.47
16QAM	848.3	20643	1.4	6	0	21.79
64QAM	824.7	20407	1.4	1	0	21.97
64QAM	824.7	20407	1.4	1	3	21.88
64QAM	824.7	20407	1.4	1	5	21.86
64QAM	824.7	20407	1.4	3	0	21.91
64QAM	824.7	20407	1.4	3	1	21.91
64QAM	824.7	20407	1.4	3	3	21.97
64QAM	824.7	20407	1.4	6	0	20.97
64QAM	836.5	20525	1.4	1	0	21.55
64QAM	836.5	20525	1.4	1	3	21.64
64QAM	836.5	20525	1.4	1	5	21.80
64QAM	836.5	20525	1.4	3	0	21.73
64QAM	836.5	20525	1.4	3	1	21.76
64QAM	836.5	20525	1.4	3	3	21.74
64QAM	836.5	20525	1.4	6	0	20.88
64QAM	848.3	20643	1.4	1	0	22.12
64QAM	848.3	20643	1.4	1	3	22.11
64QAM	848.3	20643	1.4	1	5	22.10
64QAM	848.3	20643	1.4	3	0	22.42
64QAM	848.3	20643	1.4	3	1	22.28
64QAM	848.3	20643	1.4	3	3	22.17
64QAM	848.3	20643	1.4	6	0	20.75

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	824.7	20407	1.4	1	0	23.33
QPSK	824.7	20407	1.4	1	3	23.32
QPSK	824.7	20407	1.4	1	5	23.21
QPSK	824.7	20407	1.4	3	0	23.38
QPSK	824.7	20407	1.4	3	1	23.45
QPSK	824.7	20407	1.4	3	3	23.37
QPSK	824.7	20407	1.4	6	0	22.95
QPSK	836.5	20525	1.4	1	0	23.44
QPSK	836.5	20525	1.4	1	3	23.50
QPSK	836.5	20525	1.4	1	5	23.51
QPSK	836.5	20525	1.4	3	0	23.40
QPSK	836.5	20525	1.4	3	1	23.42
QPSK	836.5	20525	1.4	3	3	23.35
QPSK	836.5	20525	1.4	6	0	22.90
QPSK	848.3	20643	1.4	1	0	23.46
QPSK	848.3	20643	1.4	1	3	23.29
QPSK	848.3	20643	1.4	1	5	23.60
QPSK	848.3	20643	1.4	3	0	23.29
QPSK	848.3	20643	1.4	3	1	23.36
QPSK	848.3	20643	1.4	3	3	23.30
QPSK	848.3	20643	1.4	6	0	23.00

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	825.5	20415	3	1	0	22.67
16QAM	825.5	20415	3	1	8	22.84
16QAM	825.5	20415	3	1	14	22.75
16QAM	825.5	20415	3	8	0	21.96
16QAM	825.5	20415	3	8	4	21.96
16QAM	825.5	20415	3	8	7	21.73
16QAM	825.5	20415	3	15	0	21.93
16QAM	836.5	20525	3	1	0	23.40
16QAM	836.5	20525	3	1	8	23.43
16QAM	836.5	20525	3	1	14	23.43
16QAM	836.5	20525	3	8	0	21.87
16QAM	836.5	20525	3	8	4	21.77
16QAM	836.5	20525	3	8	7	21.84
16QAM	836.5	20525	3	15	0	22.10
16QAM	847.5	20635	3	1	0	23.00
16QAM	847.5	20635	3	1	8	22.89
16QAM	847.5	20635	3	1	14	22.97
16QAM	847.5	20635	3	8	0	21.89
16QAM	847.5	20635	3	8	4	21.84
16QAM	847.5	20635	3	8	7	21.85
16QAM	847.5	20635	3	15	0	21.96
64QAM	825.5	20415	3	1	0	22.37
64QAM	825.5	20415	3	1	8	22.38
64QAM	825.5	20415	3	1	14	22.28
64QAM	825.5	20415	3	8	0	20.68
64QAM	825.5	20415	3	8	4	20.80
64QAM	825.5	20415	3	8	7	20.75
64QAM	825.5	20415	3	15	0	20.98
64QAM	836.5	20525	3	1	0	21.59
64QAM	836.5	20525	3	1	8	21.70
64QAM	836.5	20525	3	1	14	21.65
64QAM	836.5	20525	3	8	0	20.73
64QAM	836.5	20525	3	8	4	20.78
64QAM	836.5	20525	3	8	7	20.79
64QAM	836.5	20525	3	15	0	20.95
64QAM	847.5	20635	3	1	0	22.24
64QAM	847.5	20635	3	1	8	22.17
64QAM	847.5	20635	3	1	14	22.20
64QAM	847.5	20635	3	8	0	20.63
64QAM	847.5	20635	3	8	4	20.80
64QAM	847.5	20635	3	8	7	20.80
64QAM	847.5	20635	3	15	0	20.84

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	825.5	20415	3	1	0	23.47
QPSK	825.5	20415	3	1	8	23.47
QPSK	825.5	20415	3	1	14	23.36
QPSK	825.5	20415	3	8	0	22.91
QPSK	825.5	20415	3	8	4	22.78
QPSK	825.5	20415	3	8	7	22.73
QPSK	825.5	20415	3	15	0	22.79
QPSK	836.5	20525	3	1	0	23.49
QPSK	836.5	20525	3	1	8	23.52
QPSK	836.5	20525	3	1	14	23.52
QPSK	836.5	20525	3	8	0	22.79
QPSK	836.5	20525	3	8	4	22.90
QPSK	836.5	20525	3	8	7	22.90
QPSK	836.5	20525	3	15	0	22.87
QPSK	847.5	20635	3	1	0	23.47
QPSK	847.5	20635	3	1	8	23.50
QPSK	847.5	20635	3	1	14	23.26
QPSK	847.5	20635	3	8	0	22.89
QPSK	847.5	20635	3	8	4	22.84
QPSK	847.5	20635	3	8	7	22.84
QPSK	847.5	20635	3	15	0	22.79

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	826.5	20425	5	1	0	22.27
16QAM	826.5	20425	5	1	12	22.24
16QAM	826.5	20425	5	1	24	22.20
16QAM	826.5	20425	5	12	0	21.70
16QAM	826.5	20425	5	12	7	21.64
16QAM	826.5	20425	5	12	13	21.58
16QAM	826.5	20425	5	25	0	21.85
16QAM	836.5	20525	5	1	0	23.48
16QAM	836.5	20525	5	1	12	23.42
16QAM	836.5	20525	5	1	24	23.51
16QAM	836.5	20525	5	12	0	21.91
16QAM	836.5	20525	5	12	7	21.85
16QAM	836.5	20525	5	12	13	21.91
16QAM	836.5	20525	5	25	0	21.84
16QAM	846.5	20625	5	1	0	22.66
16QAM	846.5	20625	5	1	12	22.67
16QAM	846.5	20625	5	1	24	23.12
16QAM	846.5	20625	5	12	0	21.70
16QAM	846.5	20625	5	12	7	21.73
16QAM	846.5	20625	5	12	13	21.69
16QAM	846.5	20625	5	25	0	21.82
64QAM	826.5	20425	5	1	0	21.46
64QAM	826.5	20425	5	1	12	21.27
64QAM	826.5	20425	5	1	24	21.14
64QAM	826.5	20425	5	12	0	21.10
64QAM	826.5	20425	5	12	7	20.85
64QAM	826.5	20425	5	12	13	20.85
64QAM	826.5	20425	5	25	0	20.74
64QAM	836.5	20525	5	1	0	22.84
64QAM	836.5	20525	5	1	12	22.97
64QAM	836.5	20525	5	1	24	23.06
64QAM	836.5	20525	5	12	0	20.65
64QAM	836.5	20525	5	12	7	20.88
64QAM	836.5	20525	5	12	13	20.80
64QAM	836.5	20525	5	25	0	20.90
64QAM	846.5	20625	5	1	0	21.39
64QAM	846.5	20625	5	1	12	21.94
64QAM	846.5	20625	5	1	24	21.88
64QAM	846.5	20625	5	12	0	20.77
64QAM	846.5	20625	5	12	7	20.78
64QAM	846.5	20625	5	12	13	20.74
64QAM	846.5	20625	5	25	0	20.91

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	826.5	20425	5	1	0	23.42
QPSK	826.5	20425	5	1	12	23.40
QPSK	826.5	20425	5	1	24	23.40
QPSK	826.5	20425	5	12	0	22.80
QPSK	826.5	20425	5	12	7	22.72
QPSK	826.5	20425	5	12	13	22.72
QPSK	826.5	20425	5	25	0	22.68
QPSK	836.5	20525	5	1	0	23.21
QPSK	836.5	20525	5	1	12	23.25
QPSK	836.5	20525	5	1	24	23.30
QPSK	836.5	20525	5	12	0	22.71
QPSK	836.5	20525	5	12	7	22.85
QPSK	836.5	20525	5	12	13	23.06
QPSK	836.5	20525	5	25	0	23.00
QPSK	846.5	20625	5	1	0	23.44
QPSK	846.5	20625	5	1	12	23.38
QPSK	846.5	20625	5	1	24	23.40
QPSK	846.5	20625	5	12	0	22.88
QPSK	846.5	20625	5	12	7	22.93
QPSK	846.5	20625	5	12	13	22.93
QPSK	846.5	20625	5	25	0	22.81

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	829	20450	10	1	0	23.73
16QAM	829	20450	10	1	25	23.59
16QAM	829	20450	10	1	49	23.63
16QAM	829	20450	10	25	0	21.77
16QAM	829	20450	10	25	12	21.82
16QAM	829	20450	10	25	25	21.81
16QAM	829	20450	10	50	0	21.72
16QAM	836.5	20525	10	1	0	23.18
16QAM	836.5	20525	10	1	25	23.44
16QAM	836.5	20525	10	1	49	23.59
16QAM	836.5	20525	10	25	0	21.81
16QAM	836.5	20525	10	25	12	21.93
16QAM	836.5	20525	10	25	25	21.93
16QAM	836.5	20525	10	50	0	22.05
16QAM	844	20600	10	1	0	23.10
16QAM	844	20600	10	1	25	23.10
16QAM	844	20600	10	1	49	23.10
16QAM	844	20600	10	25	0	22.01
16QAM	844	20600	10	25	12	21.97
16QAM	844	20600	10	25	25	21.98
16QAM	844	20600	10	50	0	21.82
64QAM	829	20450	10	1	0	22.36
64QAM	829	20450	10	1	25	22.16
64QAM	829	20450	10	1	49	22.40
64QAM	829	20450	10	25	0	20.76
64QAM	829	20450	10	25	12	20.71
64QAM	829	20450	10	25	25	20.70
64QAM	829	20450	10	50	0	20.70
64QAM	836.5	20525	10	1	0	21.35
64QAM	836.5	20525	10	1	25	21.46
64QAM	836.5	20525	10	1	49	21.54
64QAM	836.5	20525	10	25	0	20.90
64QAM	836.5	20525	10	25	12	20.90
64QAM	836.5	20525	10	25	25	20.95
64QAM	836.5	20525	10	50	0	20.90
64QAM	844	20600	10	1	0	22.10
64QAM	844	20600	10	1	25	22.09
64QAM	844	20600	10	1	49	22.08
64QAM	844	20600	10	25	0	20.84
64QAM	844	20600	10	25	12	20.71
64QAM	844	20600	10	25	25	20.90
64QAM	844	20600	10	50	0	20.78

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	829	20450	10	1	0	23.48
QPSK	829	20450	10	1	25	23.32
QPSK	829	20450	10	1	49	23.42
QPSK	829	20450	10	25	0	22.93
QPSK	829	20450	10	25	12	22.83
QPSK	829	20450	10	25	25	22.85
QPSK	829	20450	10	50	0	22.80
QPSK	836.5	20525	10	1	0	23.48
QPSK	836.5	20525	10	1	25	23.59
QPSK	836.5	20525	10	1	49	23.60
QPSK	836.5	20525	10	25	0	22.80
QPSK	836.5	20525	10	25	12	22.90
QPSK	836.5	20525	10	25	25	22.96
QPSK	836.5	20525	10	50	0	22.94
QPSK	844	20600	10	1	0	23.40
QPSK	844	20600	10	1	25	23.33
QPSK	844	20600	10	1	49	23.36
QPSK	844	20600	10	25	0	22.95
QPSK	844	20600	10	25	12	22.78
QPSK	844	20600	10	25	25	22.82
QPSK	844	20600	10	50	0	22.86

2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
Band 5	QPSK	824.7	20407	1.4	6	0	1.082	Fig.1
Band 5	QPSK	836.5	20525	1.4	6	0	1.082	Fig.2
Band 5	QPSK	848.3	20643	1.4	6	0	1.082	Fig.3
Band 5	QPSK	825.5	20415	3	15	0	2.683	Fig.4
Band 5	QPSK	836.5	20525	3	15	0	2.683	Fig.5
Band 5	QPSK	847.5	20635	3	15	0	2.683	Fig.6
Band 5	QPSK	826.5	20425	5	25	0	4.493	Fig.7
Band 5	QPSK	836.5	20525	5	25	0	4.472	Fig.8
Band 5	QPSK	846.5	20625	5	25	0	4.450	Fig.9
Band 5	QPSK	829	20450	10	50	0	8.944	Fig.10
Band 5	QPSK	836.5	20525	10	50	0	8.987	Fig.11
Band 5	QPSK	844	20600	10	50	0	8.944	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
Band 5	16QAM	824.7	20407	1.4	6	0	1.082	Fig.13
Band 5	16QAM	836.5	20525	1.4	6	0	1.082	Fig.14
Band 5	16QAM	848.3	20643	1.4	6	0	1.082	Fig.15
Band 5	16QAM	825.5	20415	3	15	0	2.696	Fig.16
Band 5	16QAM	836.5	20525	3	15	0	2.696	Fig.17
Band 5	16QAM	847.5	20635	3	15	0	2.683	Fig.18
Band 5	16QAM	826.5	20425	5	25	0	4.472	Fig.19
Band 5	16QAM	836.5	20525	5	25	0	4.450	Fig.20
Band 5	16QAM	846.5	20625	5	25	0	4.472	Fig.21
Band 5	16QAM	829	20450	10	50	0	8.944	Fig.22
Band 5	16QAM	836.5	20525	10	50	0	8.944	Fig.23
Band 5	16QAM	844	20600	10	50	0	8.944	Fig.24

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
Band 5	64QAM	824.7	20407	1.4	6	0	1.076	Fig.25
Band 5	64QAM	836.5	20525	1.4	6	0	1.082	Fig.26
Band 5	64QAM	848.3	20643	1.4	6	0	1.082	Fig.27
Band 5	64QAM	825.5	20415	3	15	0	2.683	Fig.28
Band 5	64QAM	836.5	20525	3	15	0	2.696	Fig.29
Band 5	64QAM	847.5	20635	3	15	0	2.683	Fig.30
Band 5	64QAM	826.5	20425	5	25	0	4.472	Fig.31
Band 5	64QAM	836.5	20525	5	25	0	4.472	Fig.32
Band 5	64QAM	846.5	20625	5	25	0	4.472	Fig.33
Band 5	64QAM	829	20450	10	50	0	8.944	Fig.34
Band 5	64QAM	836.5	20525	10	50	0	8.944	Fig.35
Band 5	64QAM	844	20600	10	50	0	8.944	Fig.36

Test Mode: QPSK

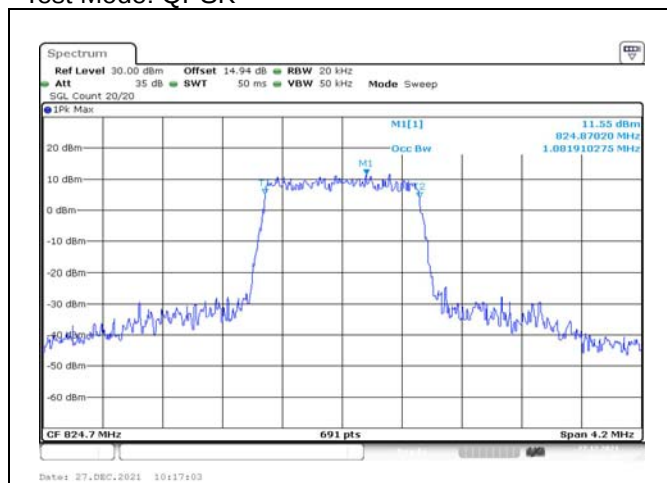


Fig.1

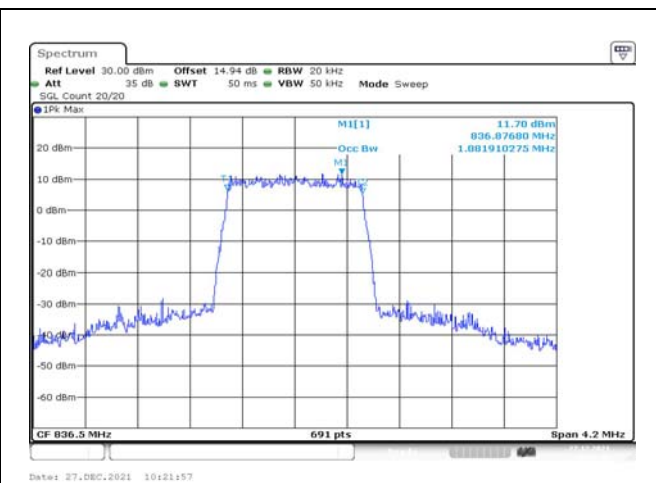


Fig.2

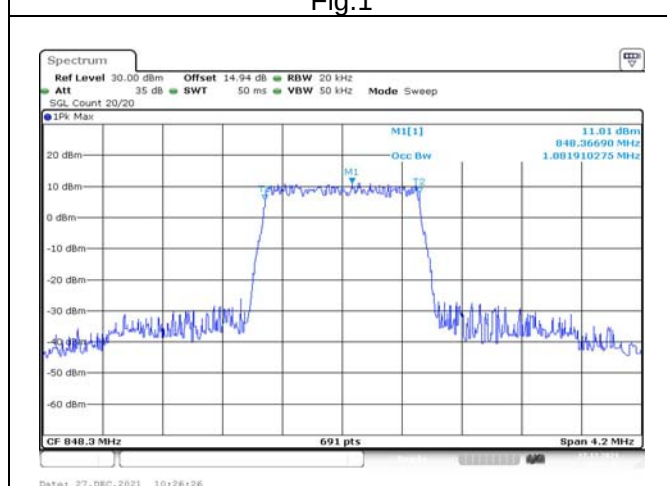


Fig.3

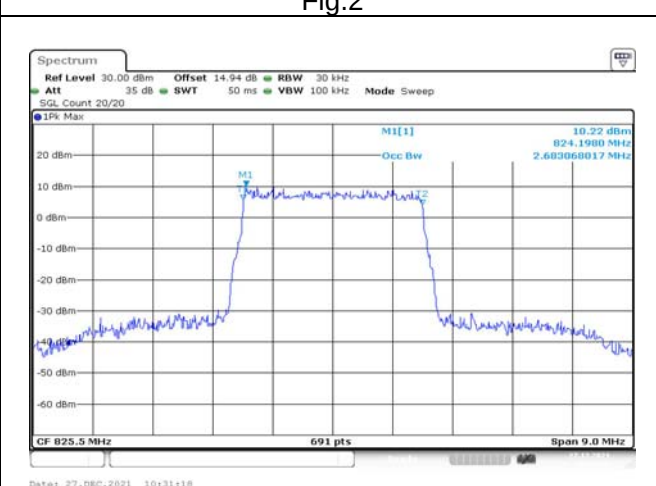
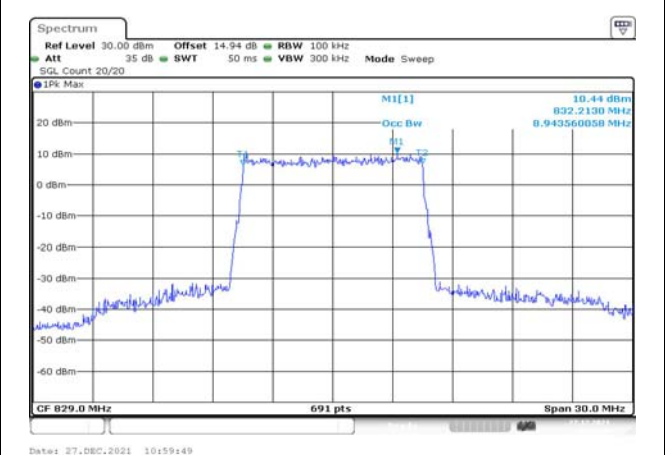
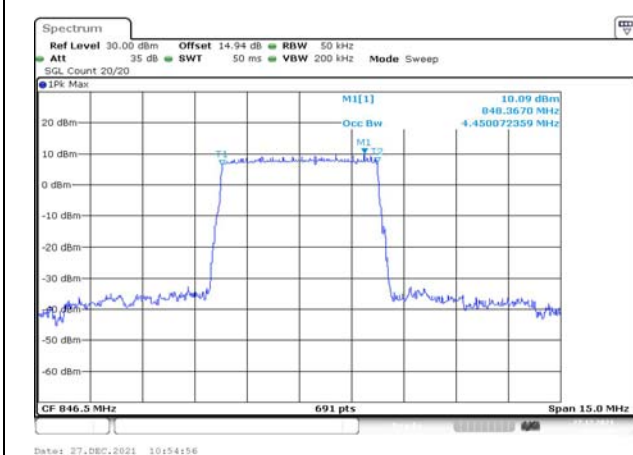
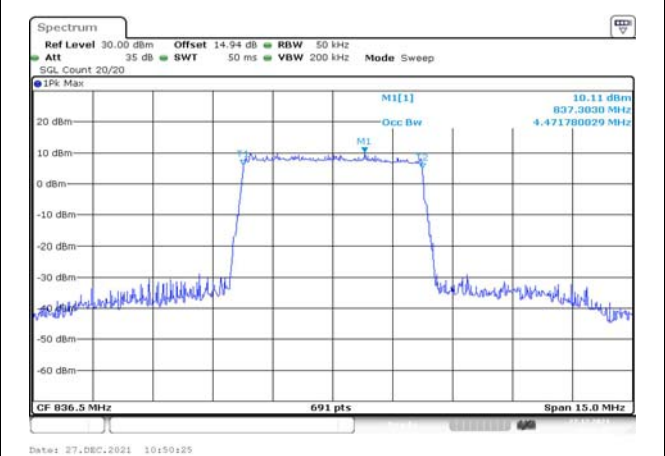
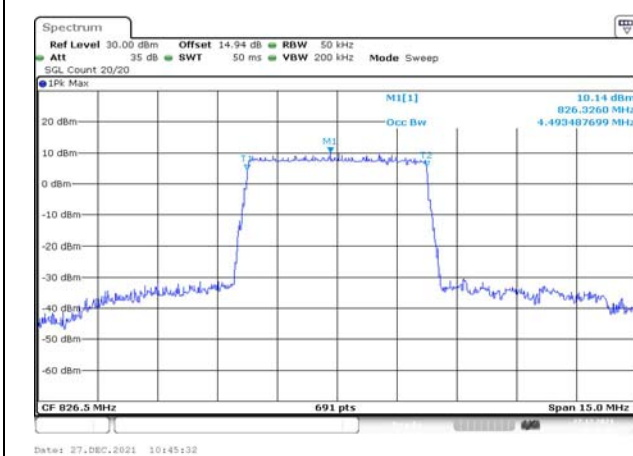
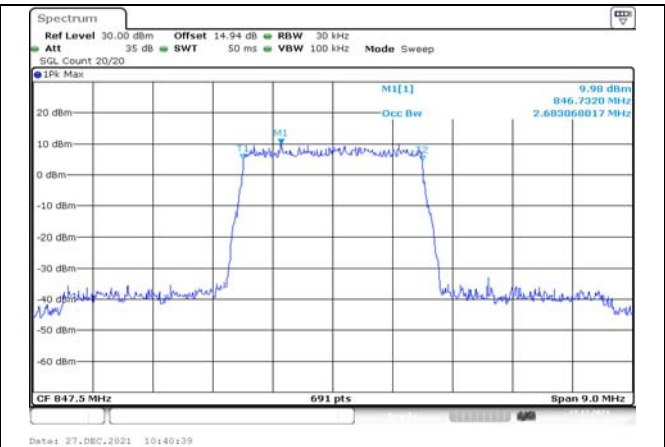
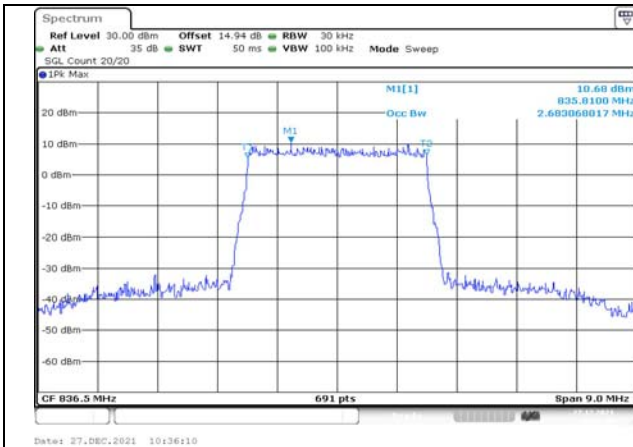
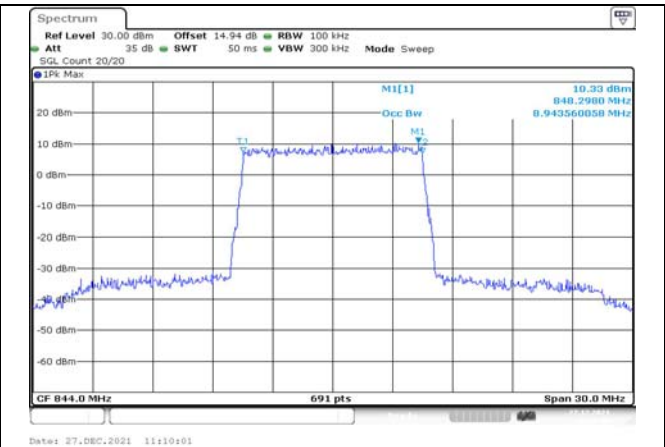
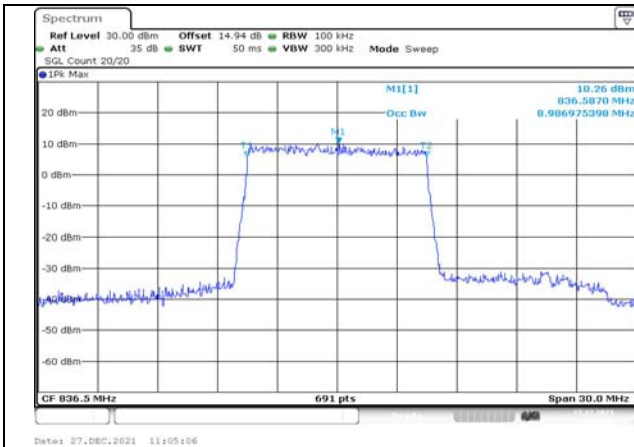
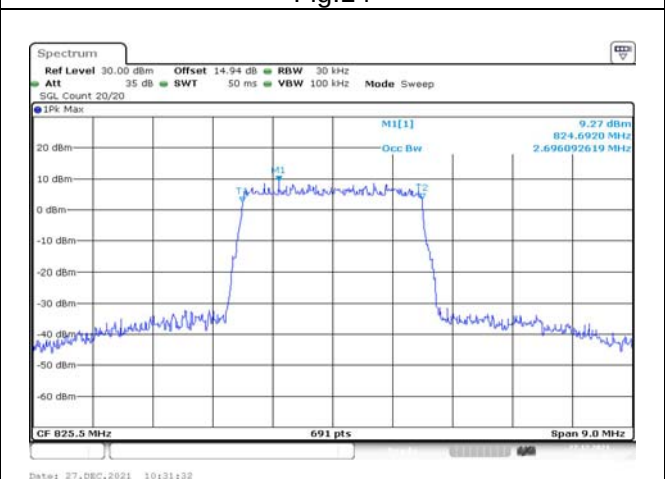
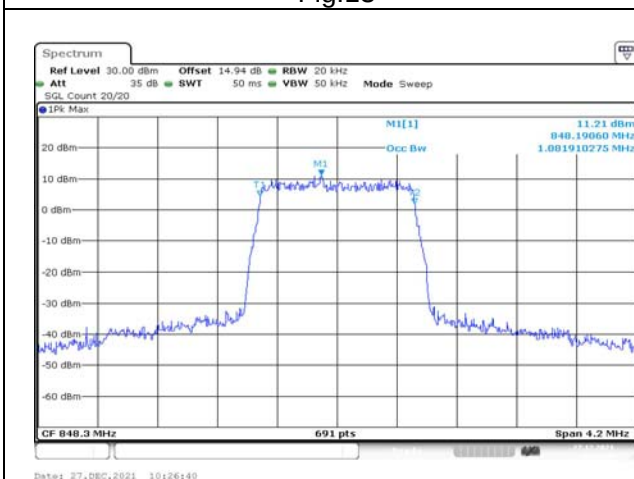
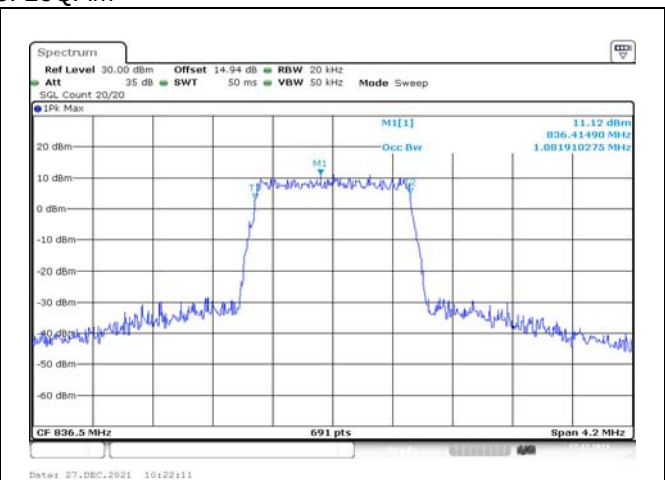
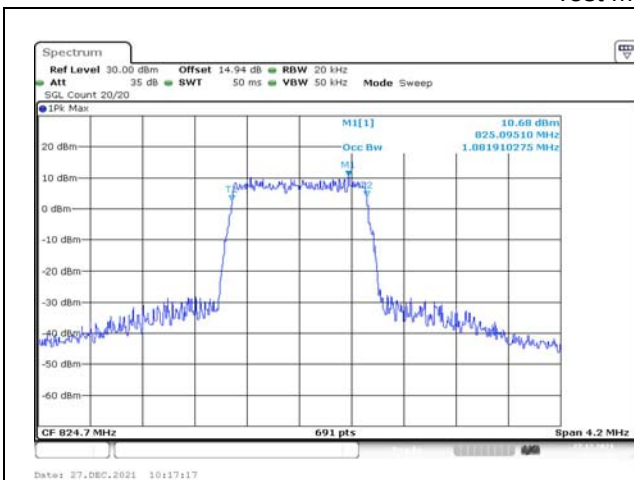


Fig.4





Test Mode: 16QAM



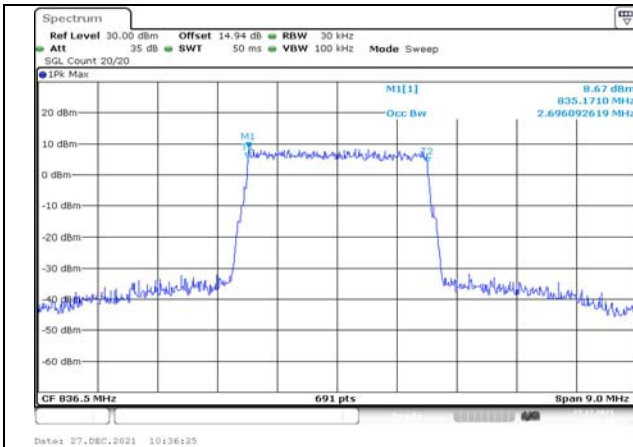


Fig.17

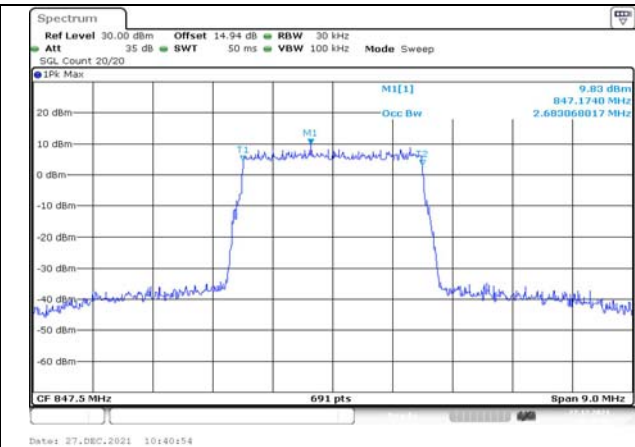


Fig.18

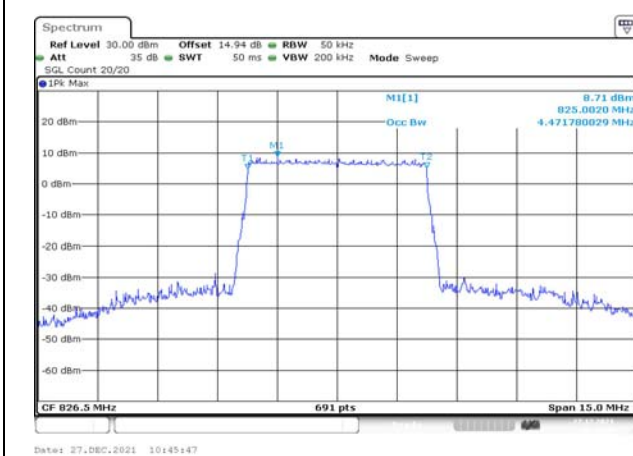


Fig.19

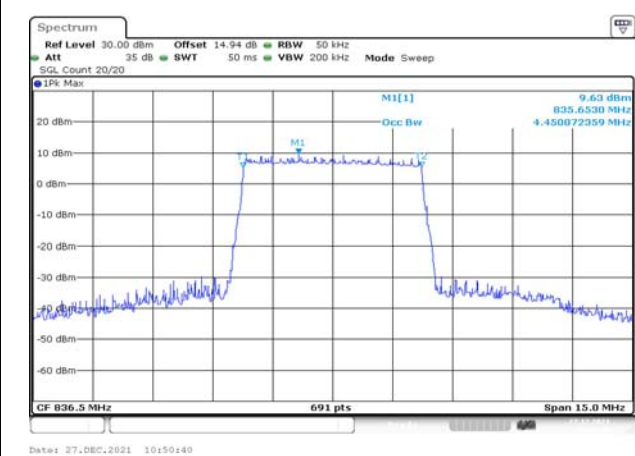


Fig.20

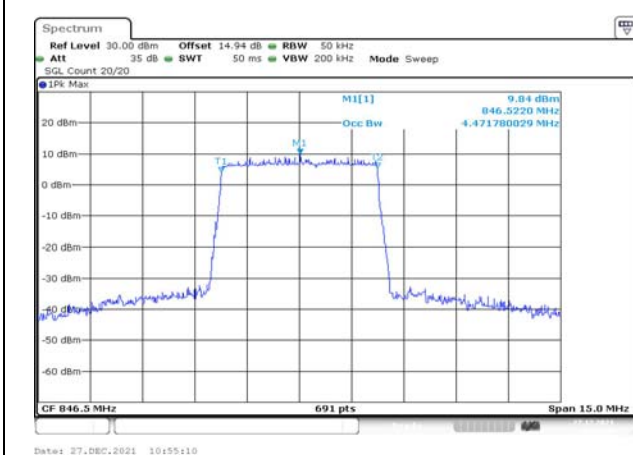


Fig.21

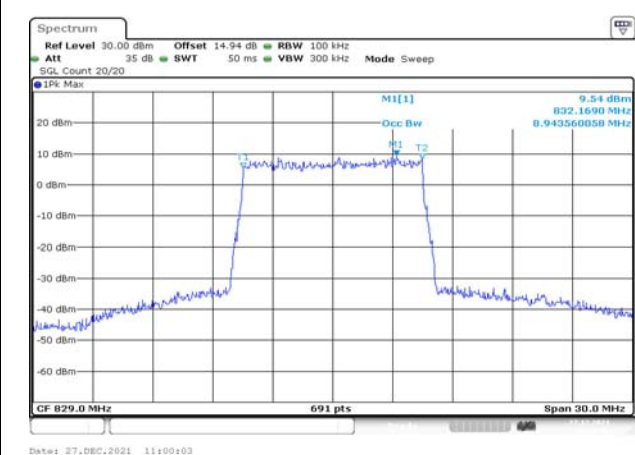


Fig.22

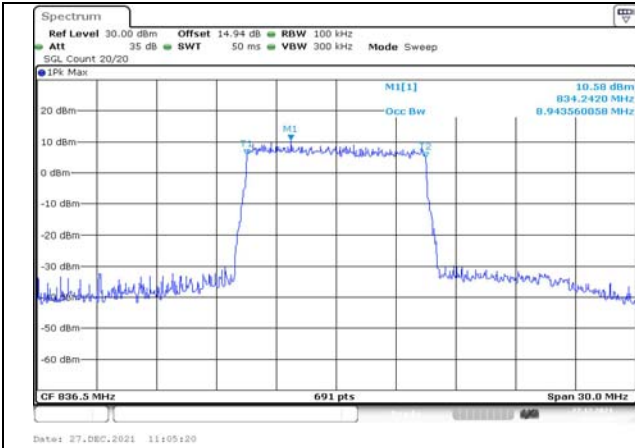


Fig.23

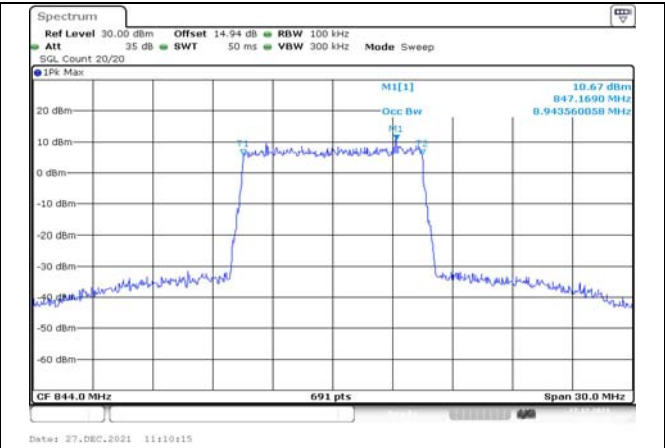


Fig.24

Test Mode: 64QAM

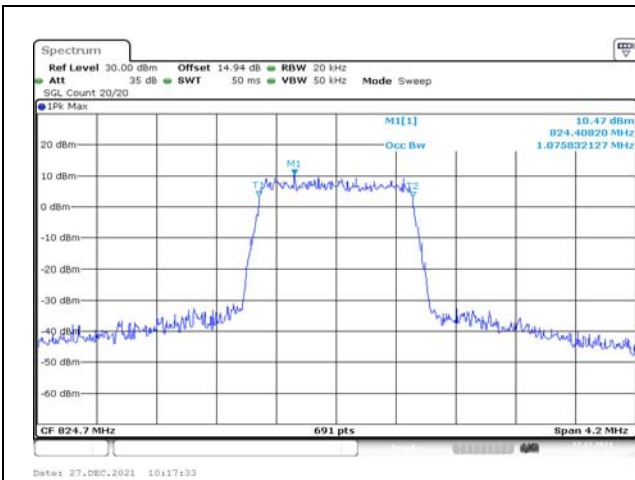


Fig.25

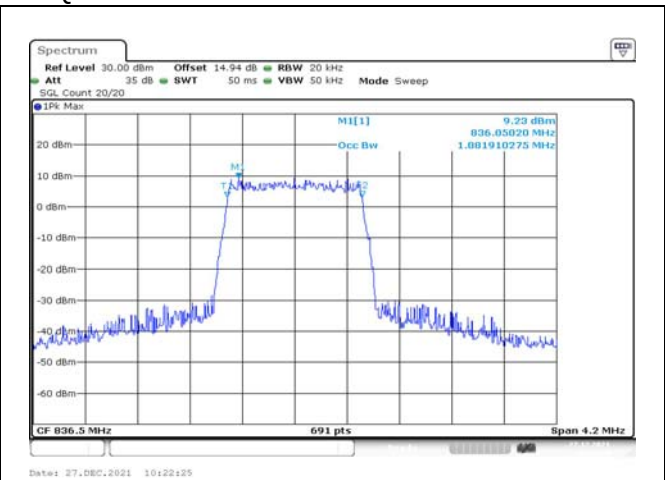


Fig.26

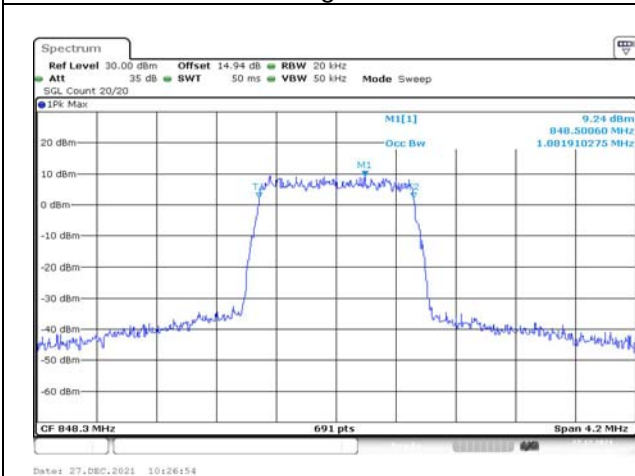


Fig.27

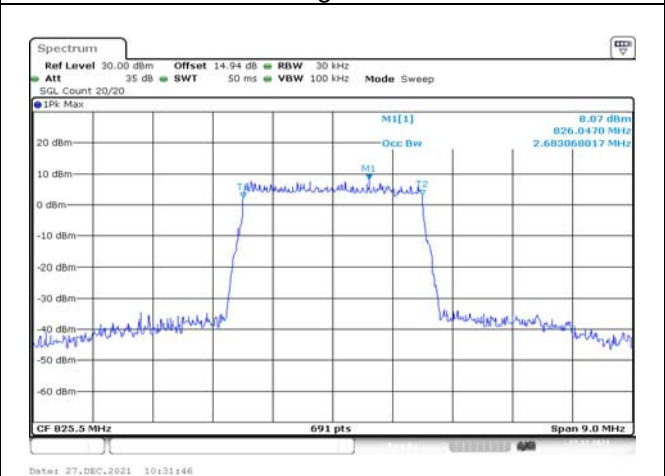
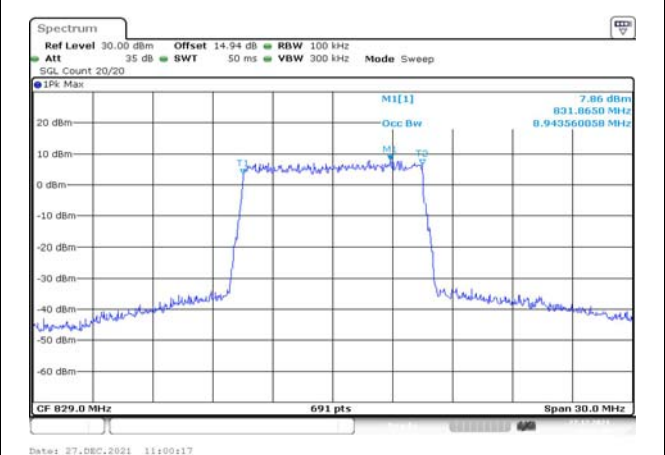
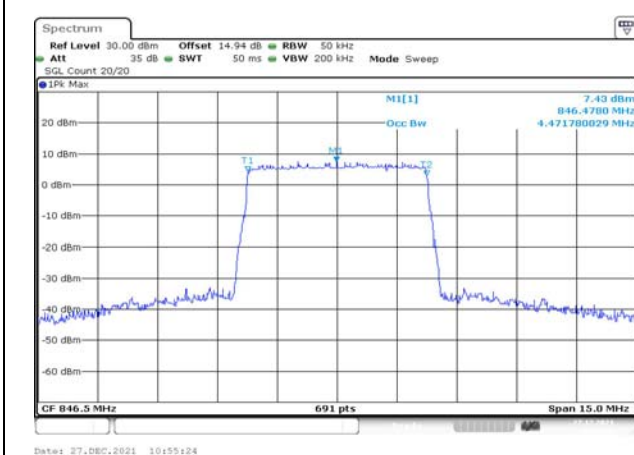
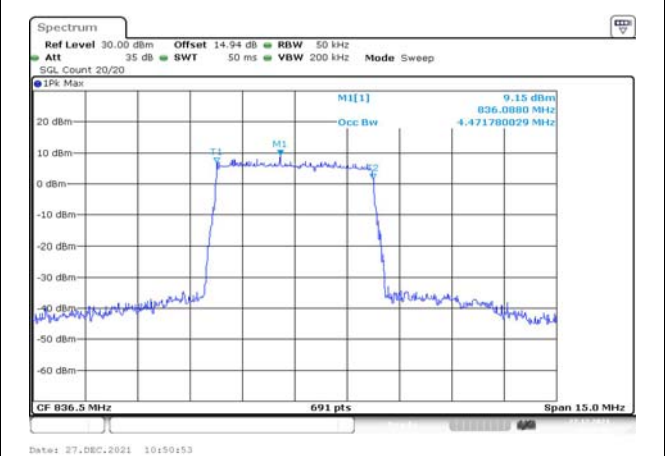
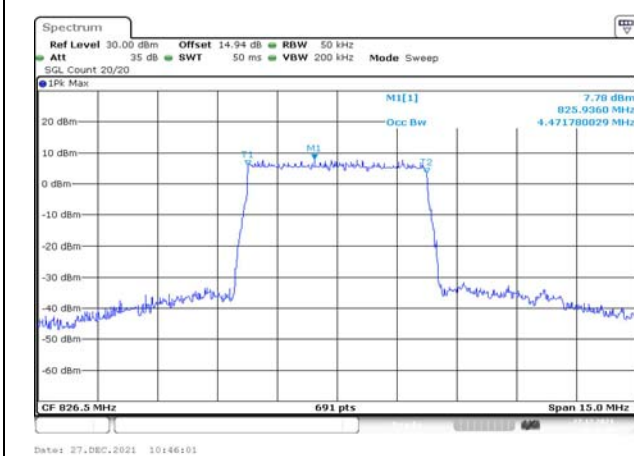
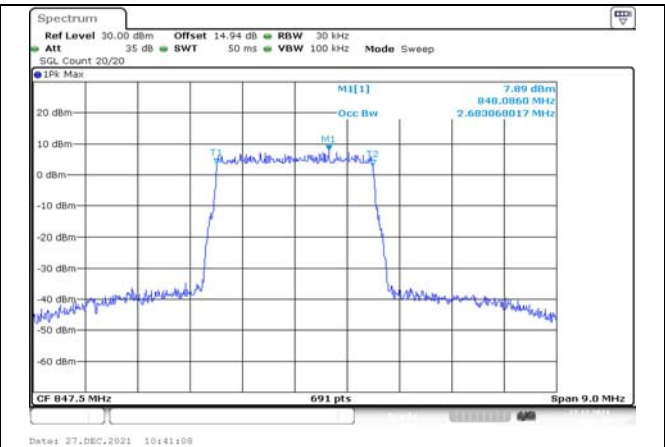
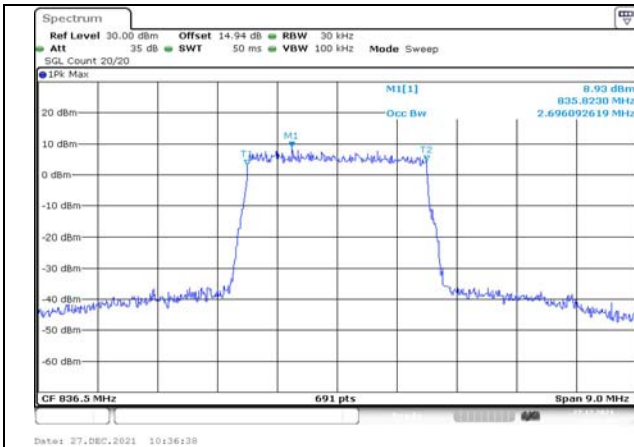


Fig.28



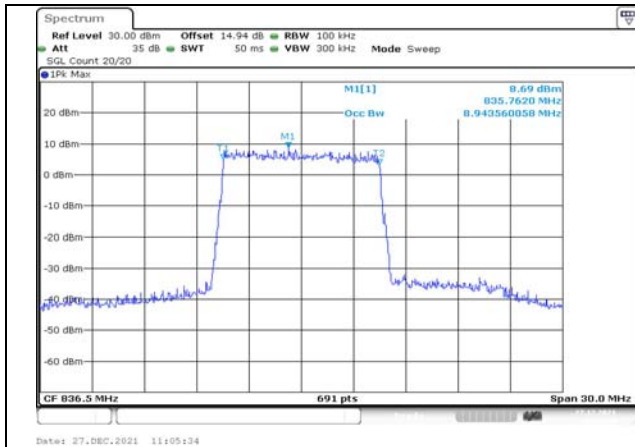


Fig.35

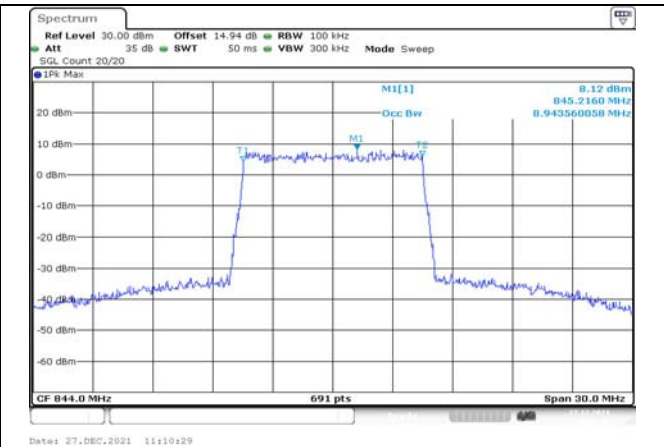


Fig.36

3 Emission Bandwidth

4	Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
	Band 5	QPSK	824.7	20407	1.4	6	0	1.228	Fig.1
	Band 5	QPSK	836.5	20525	1.4	6	0	1.228	Fig.2
	Band 5	QPSK	848.3	20643	1.4	6	0	1.234	Fig.3
	Band 5	QPSK	825.5	20415	3	15	0	2.957	Fig.4
	Band 5	QPSK	836.5	20525	3	15	0	2.983	Fig.5
	Band 5	QPSK	847.5	20635	3	15	0	2.983	Fig.6
	Band 5	QPSK	826.5	20425	5	25	0	4.928	Fig.7
	Band 5	QPSK	836.5	20525	5	25	0	4.906	Fig.8
	Band 5	QPSK	846.5	20625	5	25	0	4.906	Fig.9
	Band 5	QPSK	829	20450	10	50	0	9.725	Fig.10
	Band 5	QPSK	836.5	20525	10	50	0	9.638	Fig.11
	Band 5	QPSK	844	20600	10	50	0	9.682	Fig.12

5 Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
Band 5	16QAM	824.7	20407	1.4	6	0	1.228	Fig.13
Band 5	16QAM	836.5	20525	1.4	6	0	1.234	Fig.14
Band 5	16QAM	848.3	20643	1.4	6	0	1.222	Fig.15
Band 5	16QAM	825.5	20415	3	15	0	2.970	Fig.16
Band 5	16QAM	836.5	20525	3	15	0	2.983	Fig.17
Band 5	16QAM	847.5	20635	3	15	0	3.022	Fig.18
Band 5	16QAM	826.5	20425	5	25	0	4.819	Fig.19
Band 5	16QAM	836.5	20525	5	25	0	4.863	Fig.20
Band 5	16QAM	846.5	20625	5	25	0	4.863	Fig.21
Band 5	16QAM	829	20450	10	50	0	9.768	Fig.22
Band 5	16QAM	836.5	20525	10	50	0	9.595	Fig.23
Band 5	16QAM	844	20600	10	50	0	9.682	Fig.24

6 Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
Band 5	64QAM	824.7	20407	1.4	6	0	1.222	Fig.25
Band 5	64QAM	836.5	20525	1.4	6	0	1.222	Fig.26
Band 5	64QAM	848.3	20643	1.4	6	0	1.222	Fig.27
Band 5	64QAM	825.5	20415	3	15	0	2.970	Fig.28
Band 5	64QAM	836.5	20525	3	15	0	2.970	Fig.29
Band 5	64QAM	847.5	20635	3	15	0	2.996	Fig.30
Band 5	64QAM	826.5	20425	5	25	0	4.884	Fig.31
Band 5	64QAM	836.5	20525	5	25	0	4.863	Fig.32
Band 5	64QAM	846.5	20625	5	25	0	4.884	Fig.33
Band 5	64QAM	829	20450	10	50	0	9.855	Fig.34
Band 5	64QAM	836.5	20525	10	50	0	9.682	Fig.35
Band 5	64QAM	844	20600	10	50	0	9.768	Fig.36

Test Mode: QPSK

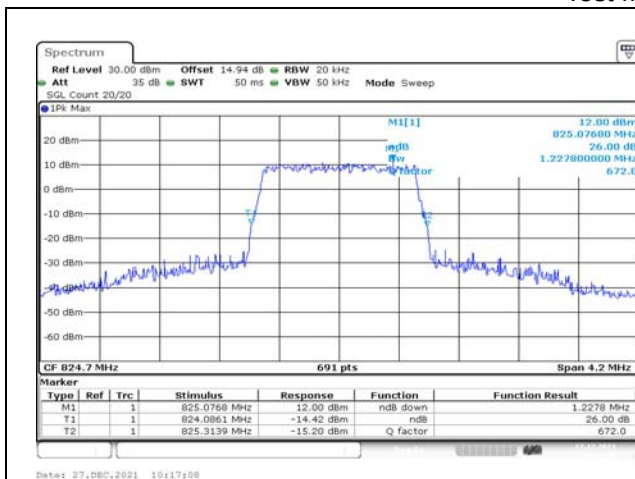


Fig.1

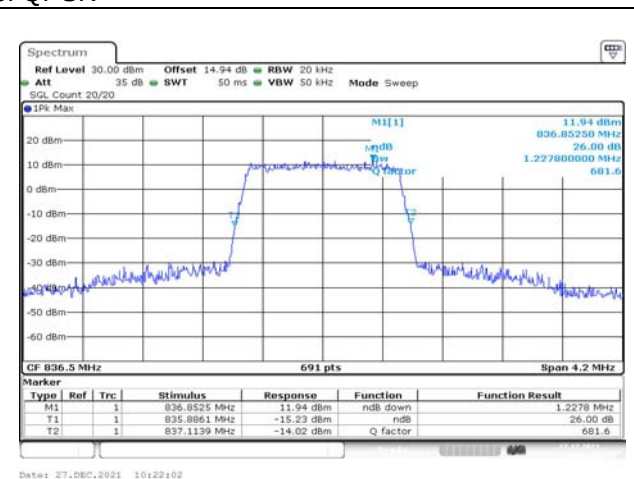


Fig.2

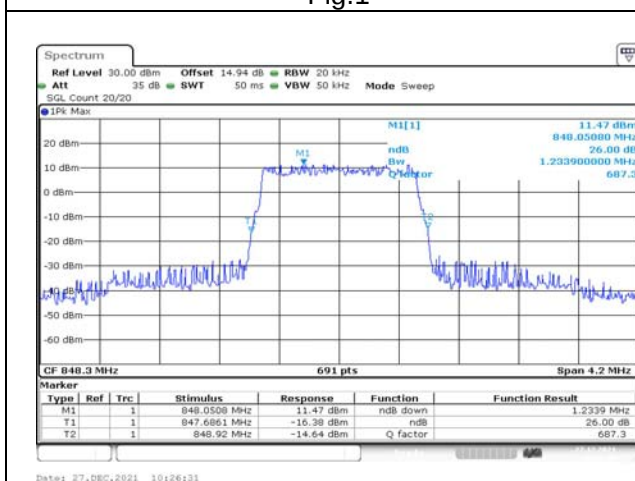


Fig.3

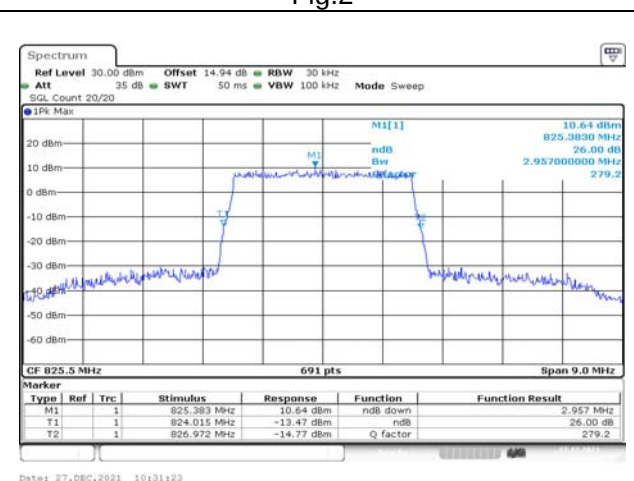


Fig.4

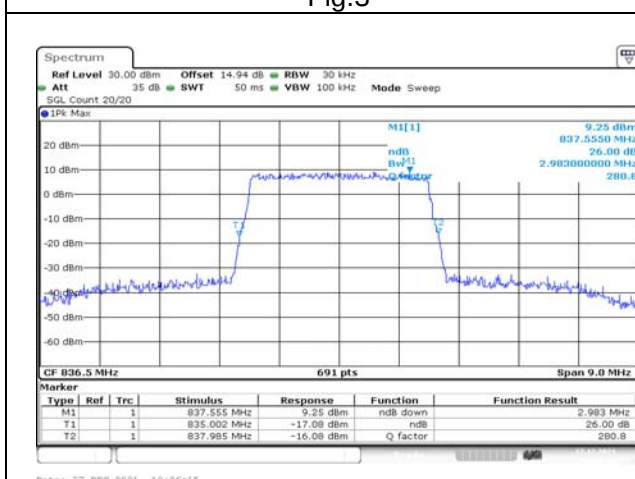


Fig.5

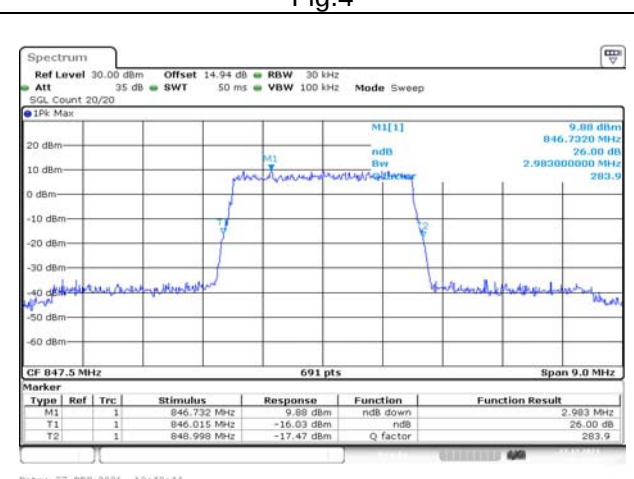


Fig.6

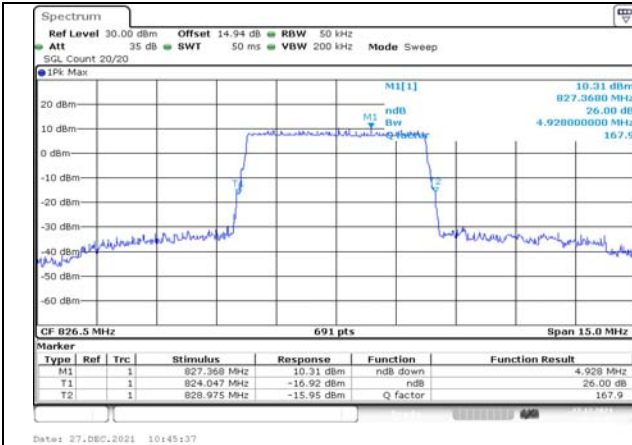


Fig.7

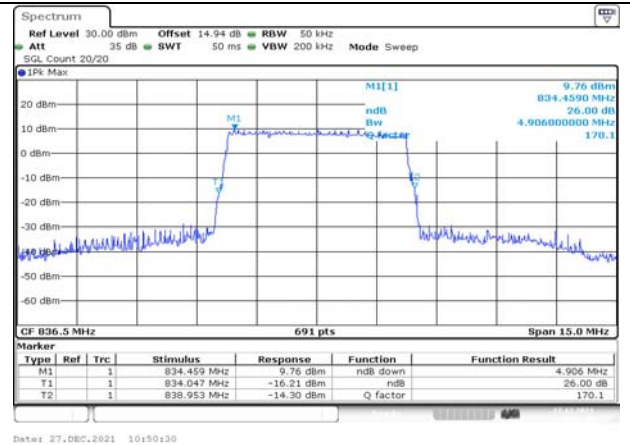


Fig.8

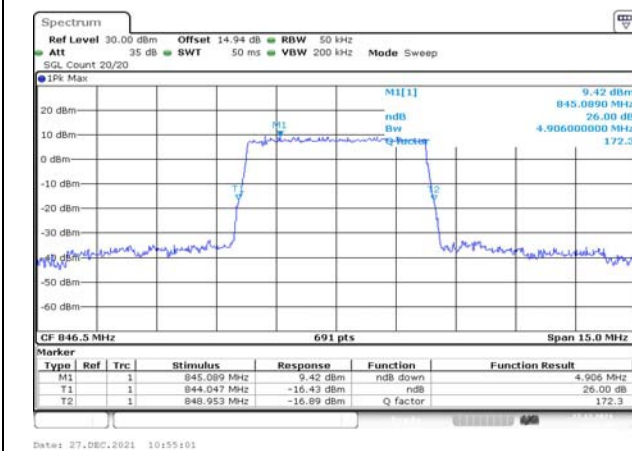


Fig.9

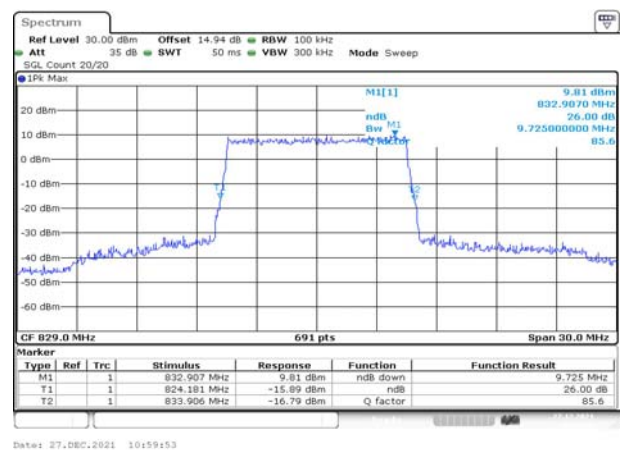


Fig.10

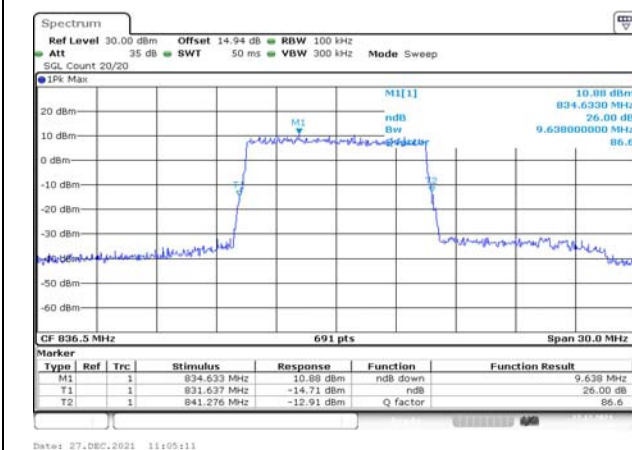


Fig.11

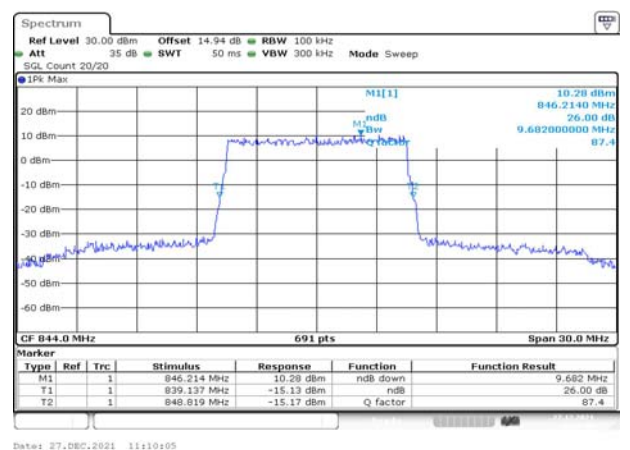


Fig.12

Test Mode: 16QAM

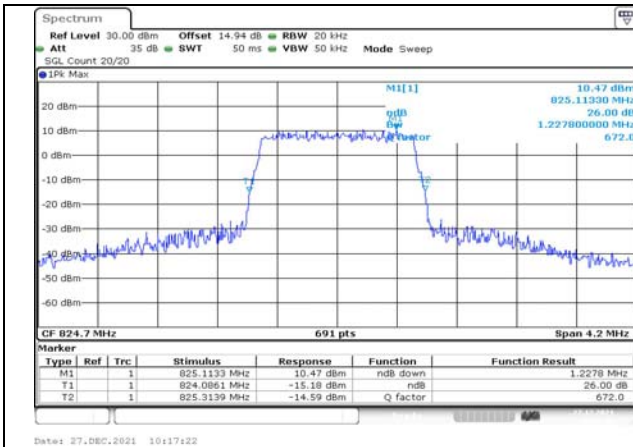


Fig.13

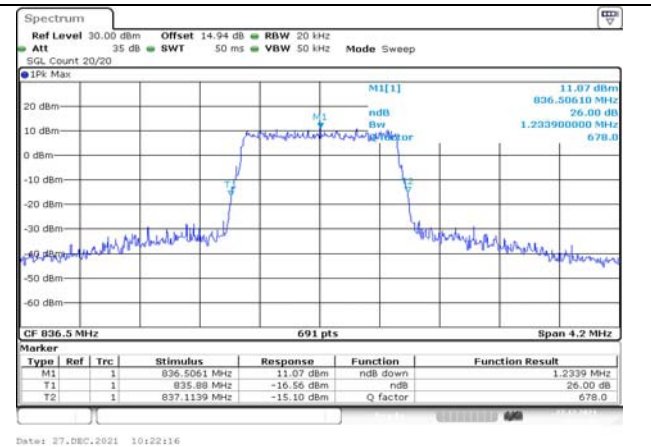


Fig.14

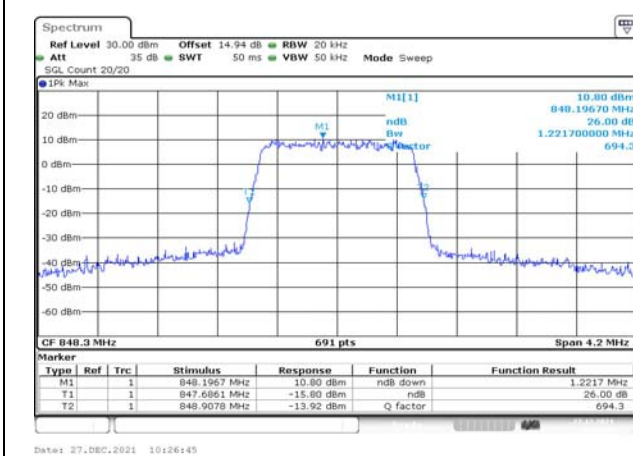


Fig.15

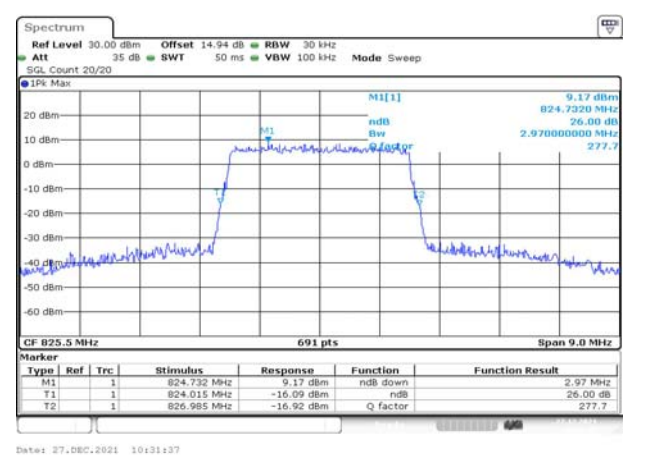


Fig.16

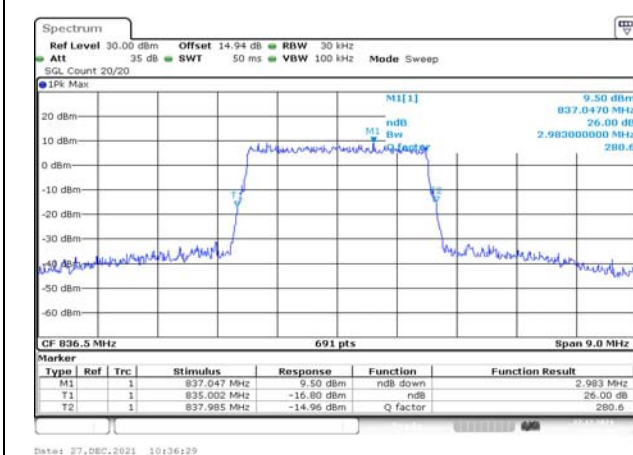


Fig.17

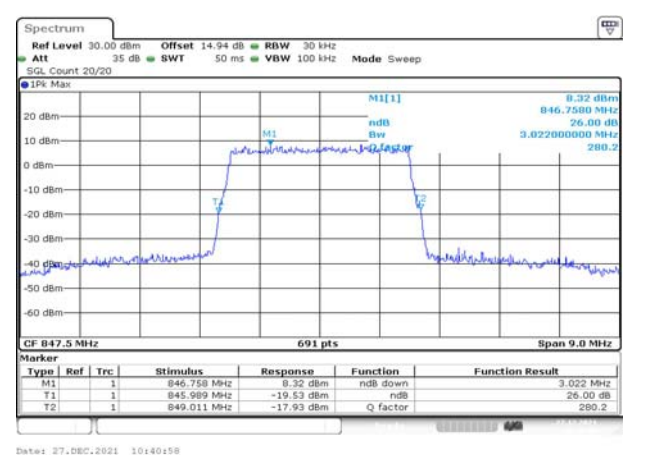


Fig.18

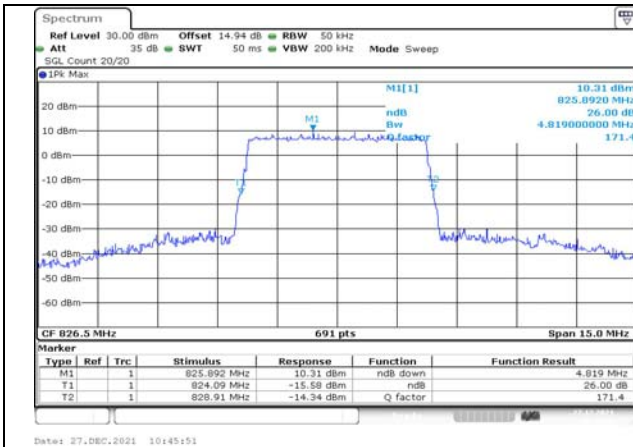


Fig.19

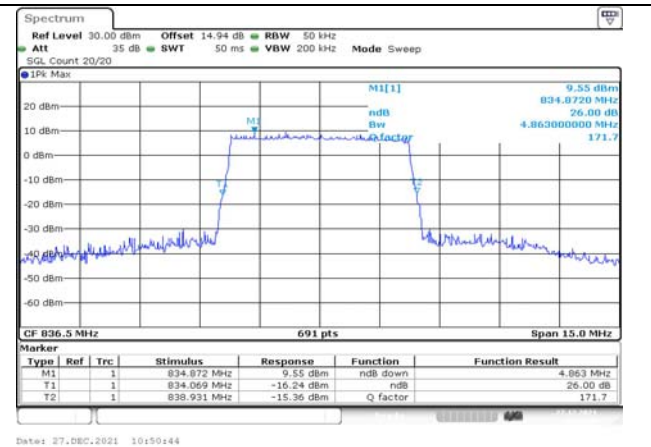


Fig.20

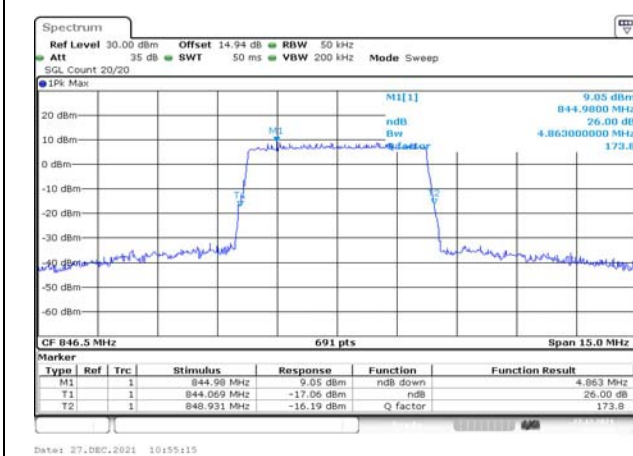


Fig.21

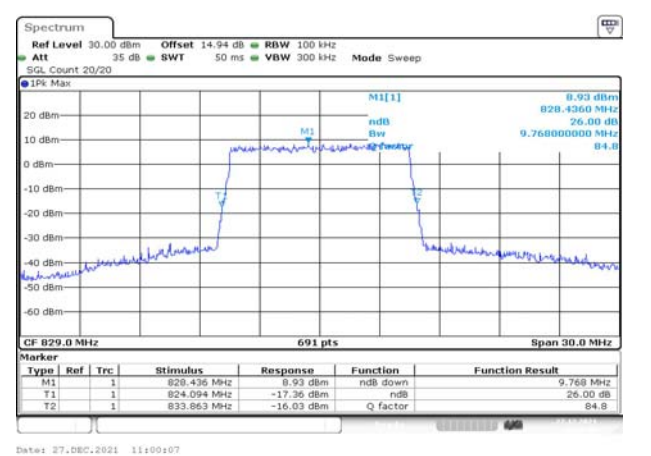


Fig.22

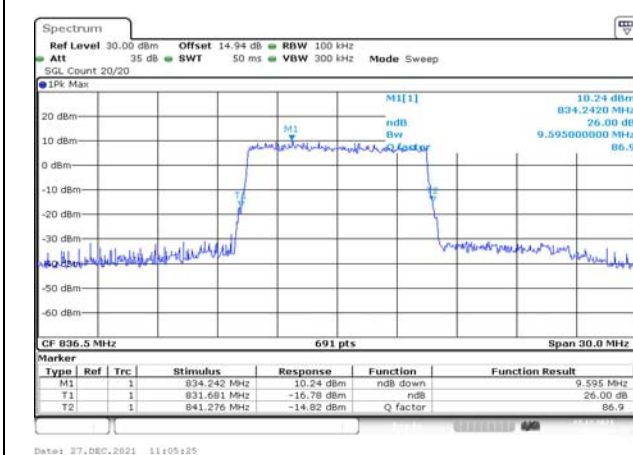


Fig.23

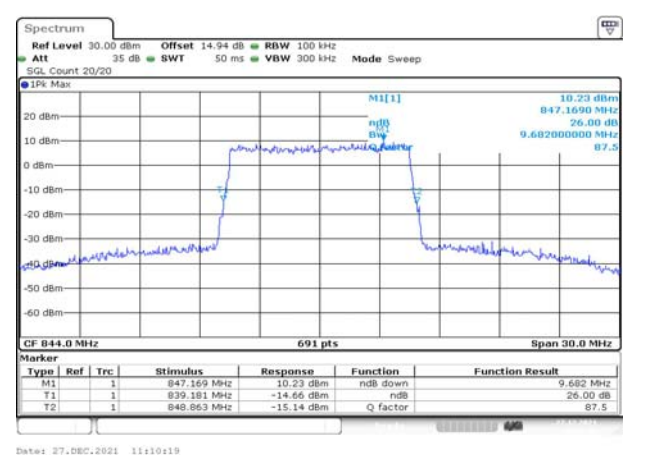


Fig.24

Test Mode: 64QAM

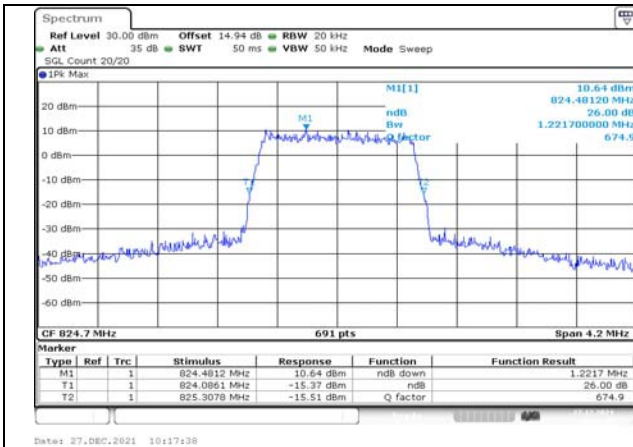


Fig.25

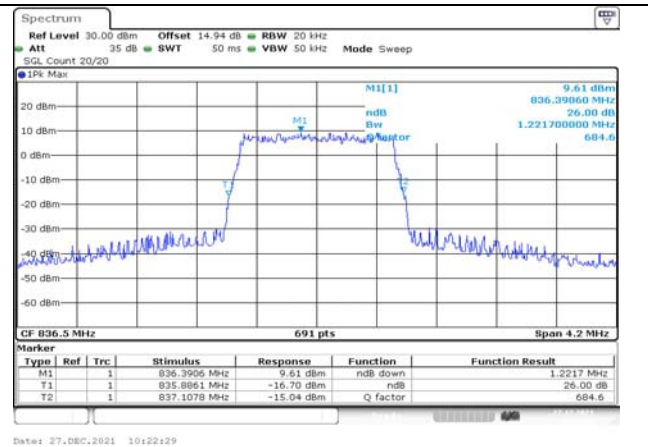


Fig.26

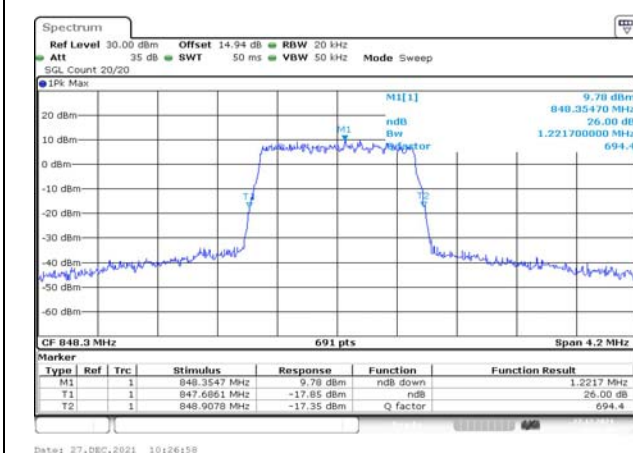


Fig.27

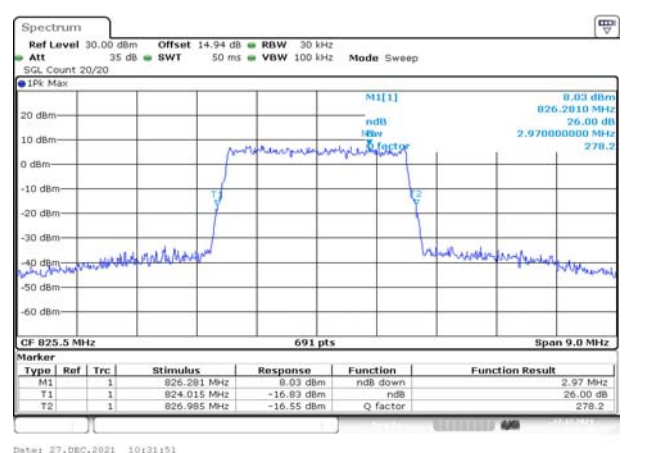


Fig.28

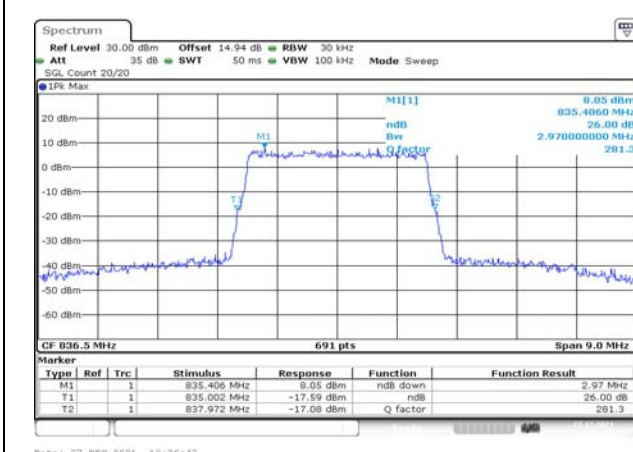


Fig.29

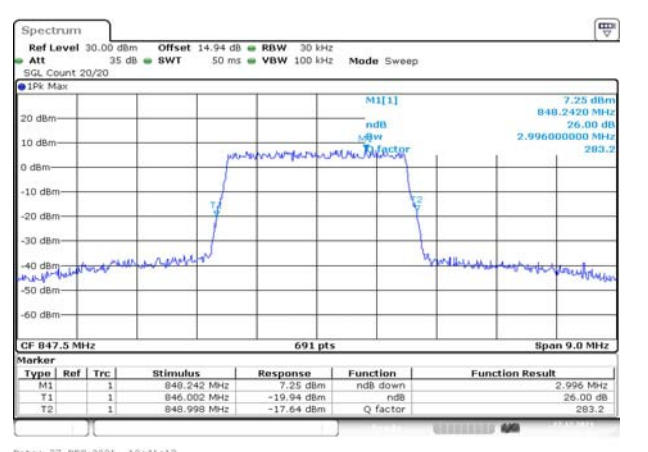


Fig.30

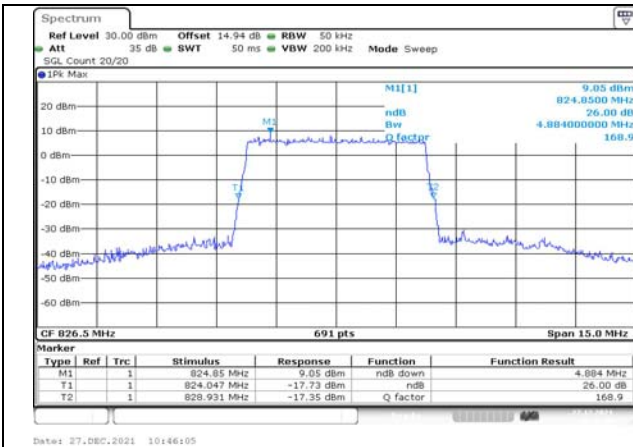


Fig.31

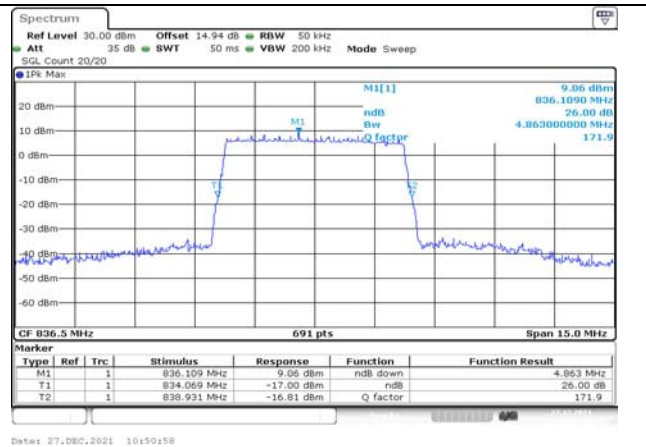


Fig.32

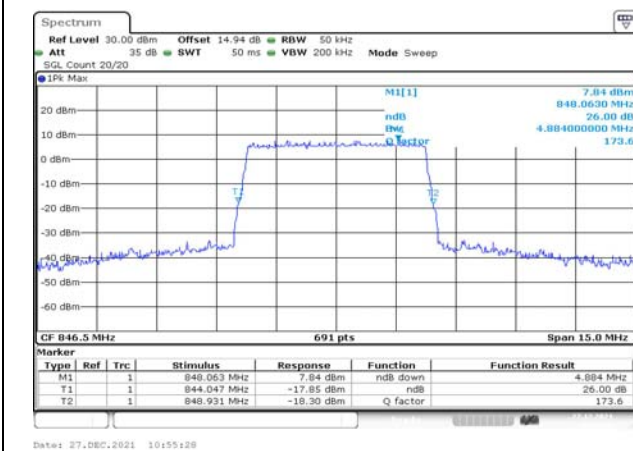


Fig.33

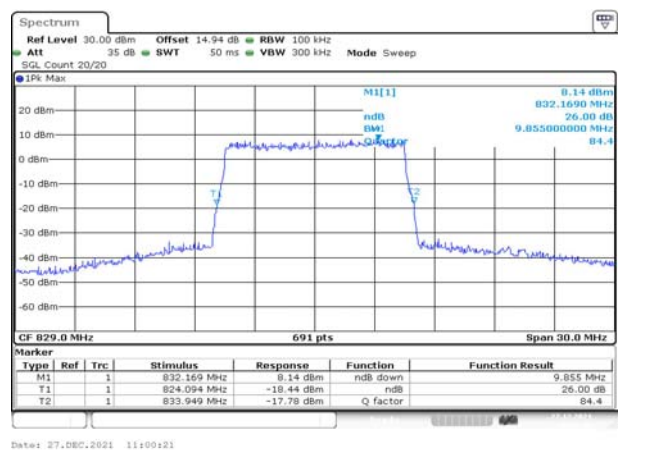


Fig.34

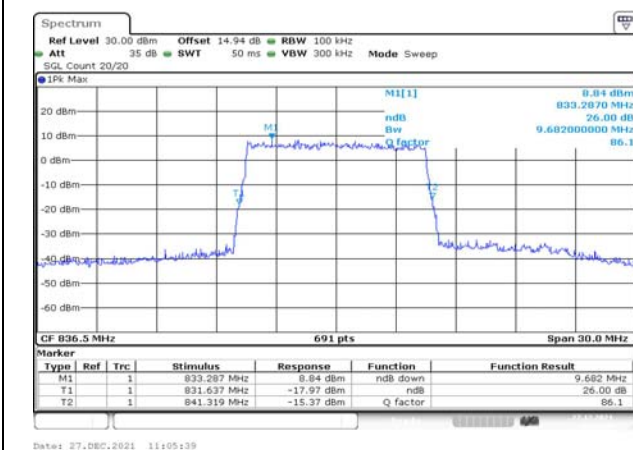


Fig.35

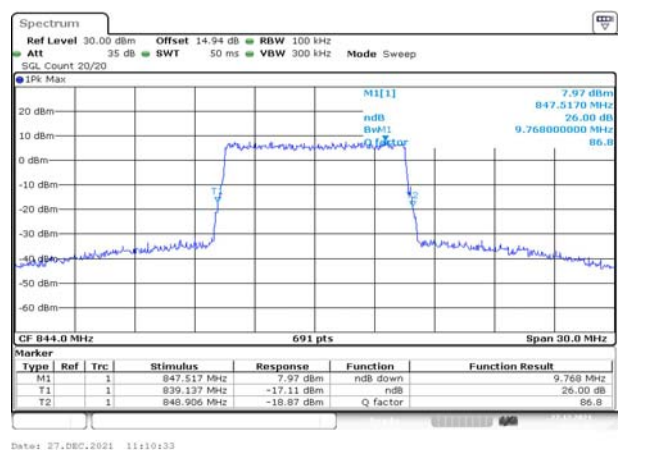


Fig.36

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
5	824.7	20407	1.4	1	5	Fig.1	Fig.2	Fig.3
5	824.7	20407	1.4	6	0	Fig.4	Fig.5	Fig.6
5	836.5	20525	1.4	1	5	Fig.7	Fig.8	Fig.9
5	836.5	20525	1.4	6	0	Fig.10	Fig.11	Fig.12
5	848.3	20643	1.4	1	5	Fig.13	Fig.14	Fig.15
5	848.3	20643	1.4	6	0	Fig.16	Fig.17	Fig.18
5	825.5	20415	3	1	14	Fig.19	Fig.20	Fig.21
5	825.5	20415	3	15	0	Fig.22	Fig.23	Fig.24
5	836.5	20525	3	1	14	Fig.25	Fig.26	Fig.27
5	836.5	20525	3	15	0	Fig.28	Fig.29	Fig.30
5	847.5	20635	3	1	14	Fig.31	Fig.32	Fig.33
5	847.5	20635	3	15	0	Fig.34	Fig.35	Fig.36
5	826.5	20425	5	1	24	Fig.37	Fig.38	Fig.39
5	826.5	20425	5	25	0	Fig.40	Fig.41	Fig.42
5	836.5	20525	5	1	24	Fig.43	Fig.44	Fig.45
5	836.5	20525	5	25	0	Fig.46	Fig.47	Fig.48
5	846.5	20625	5	1	24	Fig.49	Fig.50	Fig.51
5	846.5	20625	5	25	0	Fig.52	Fig.53	Fig.54
5	829	20450	10	1	49	Fig.55	Fig.56	Fig.57
5	829	20450	10	50	0	Fig.58	Fig.59	Fig.60
5	836.5	20525	10	1	49	Fig.61	Fig.62	Fig.63
5	836.5	20525	10	50	0	Fig.64	Fig.65	Fig.66
5	844	20600	10	1	49	Fig.67	Fig.68	Fig.69
5	844	20600	10	50	0	Fig.70	Fig.71	Fig.72

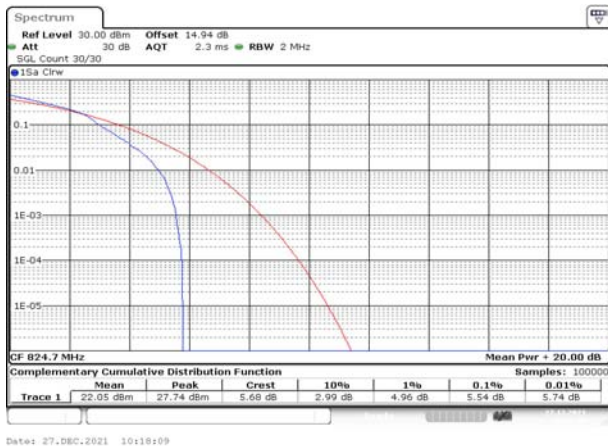


Fig.1

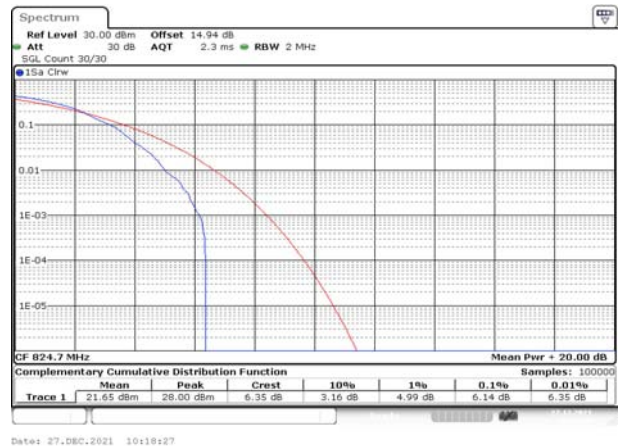


Fig.2

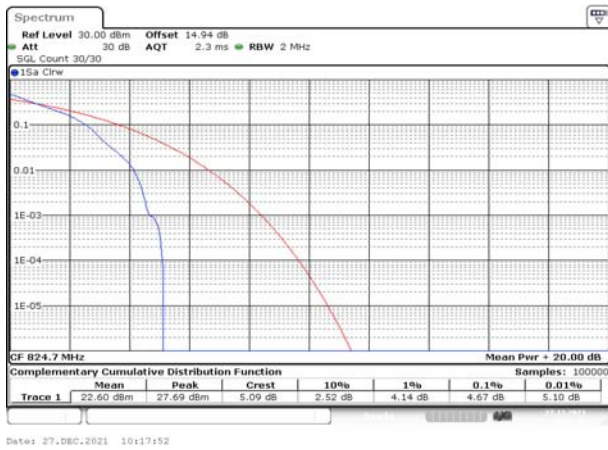


Fig.3

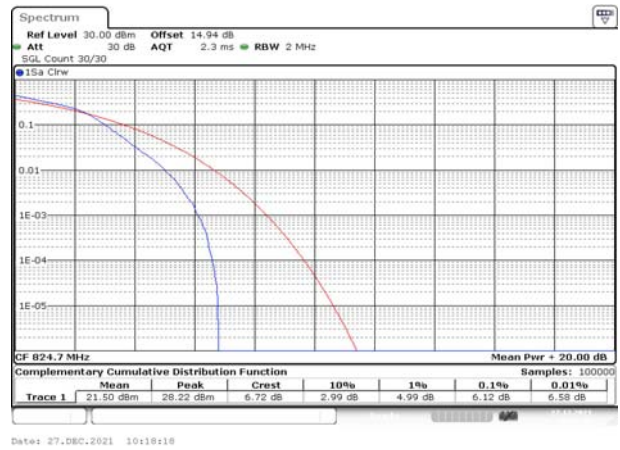


Fig.4

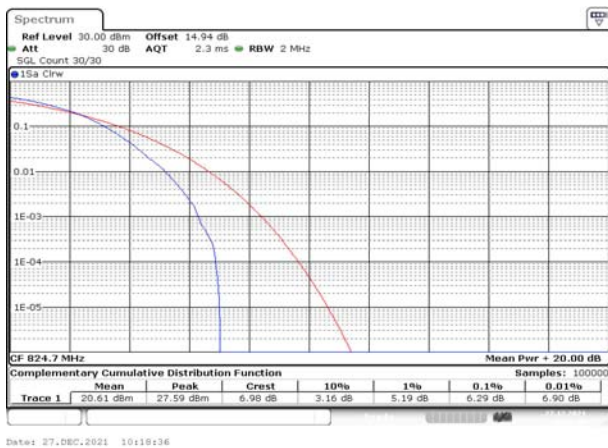


Fig.5

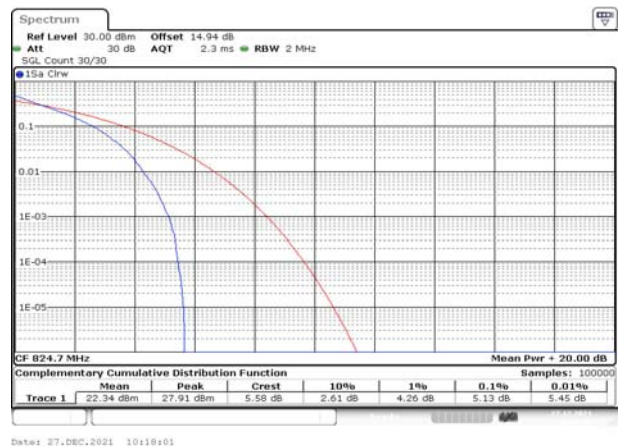


Fig.6

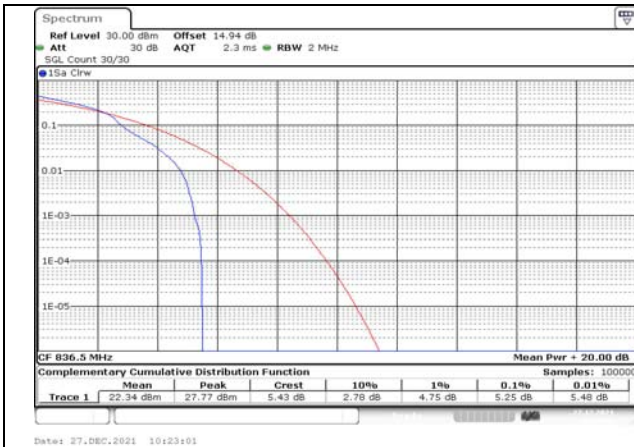


Fig.7

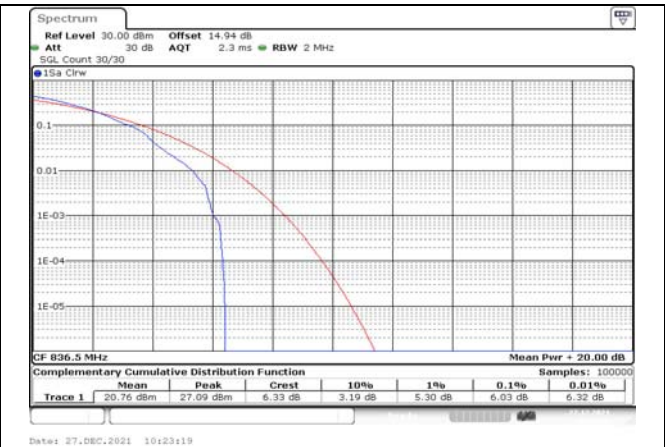


Fig.8

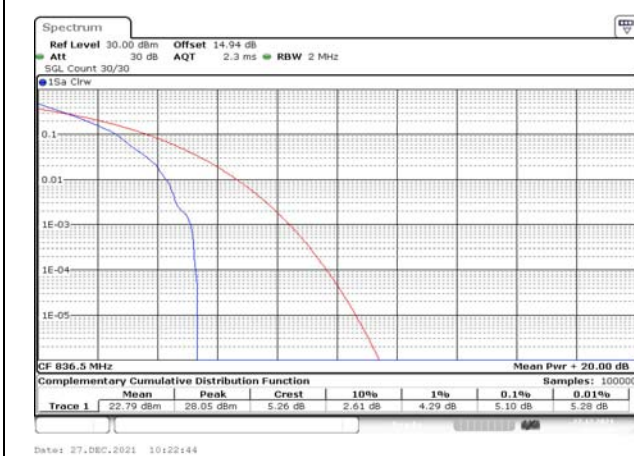


Fig.9

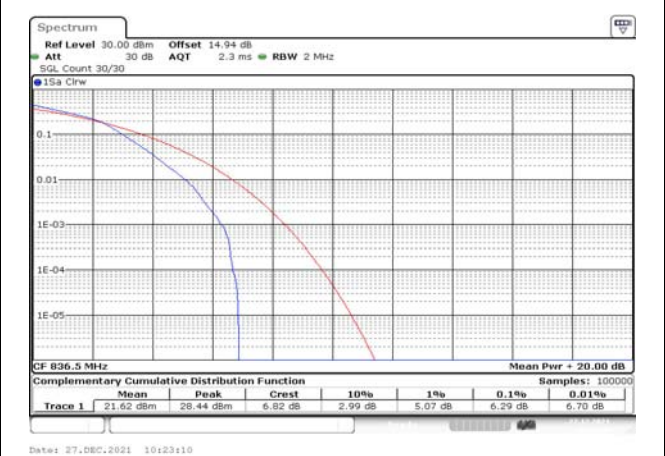


Fig.10

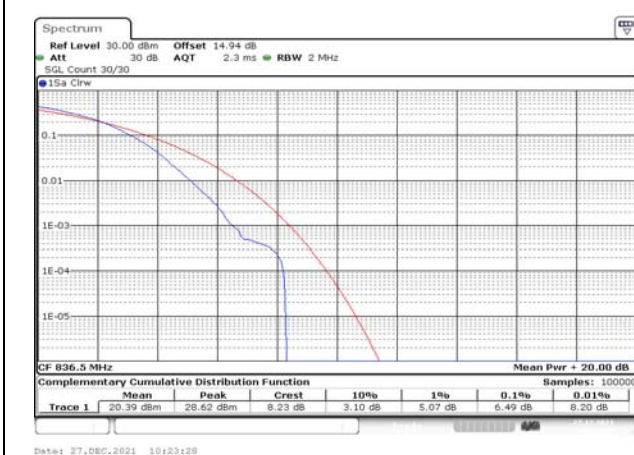


Fig.11

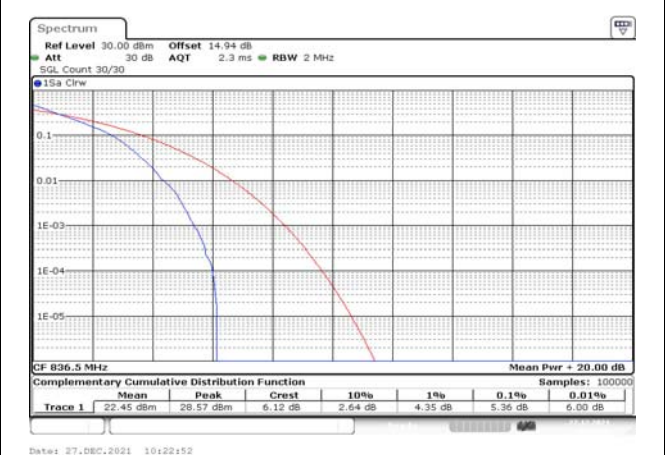


Fig.12

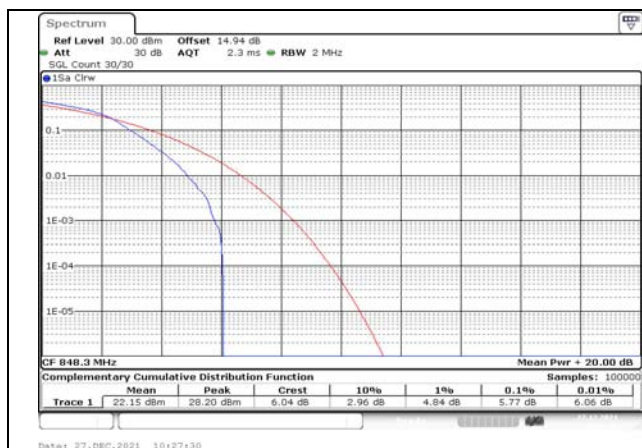


Fig.13

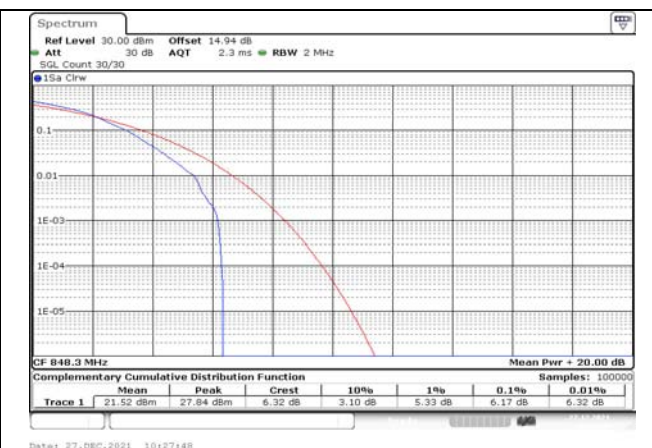


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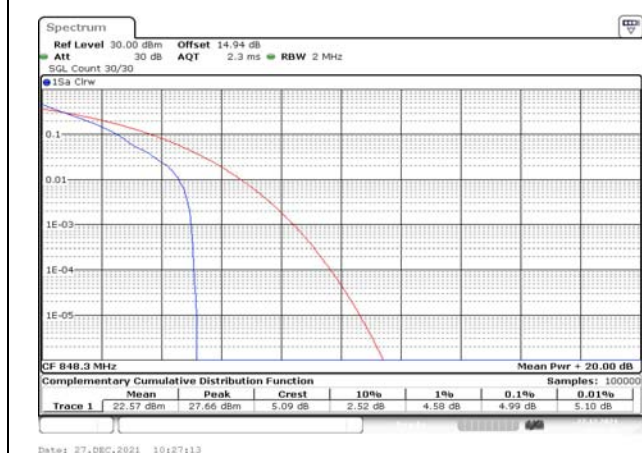


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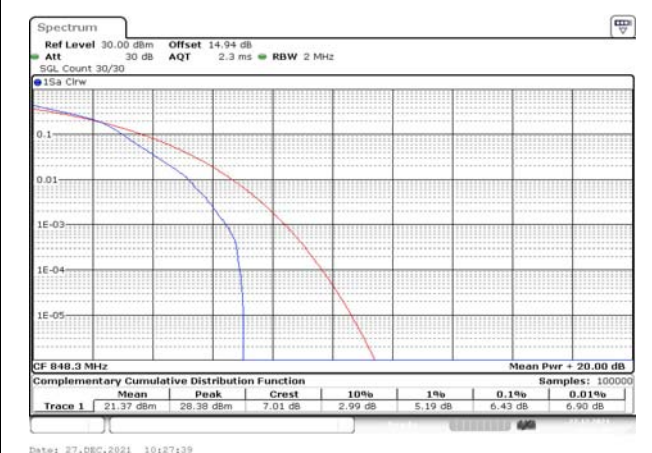


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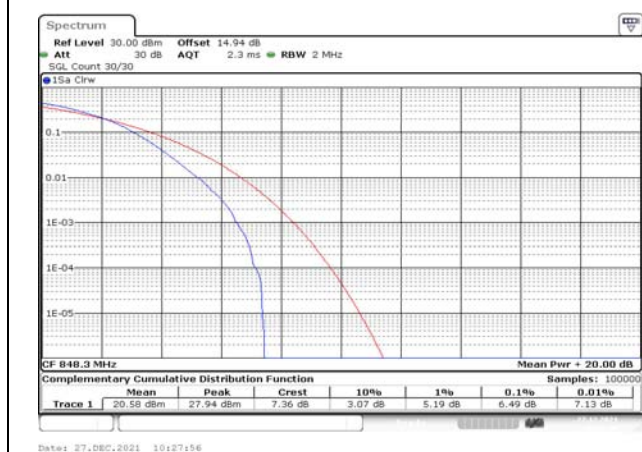


Fig.17

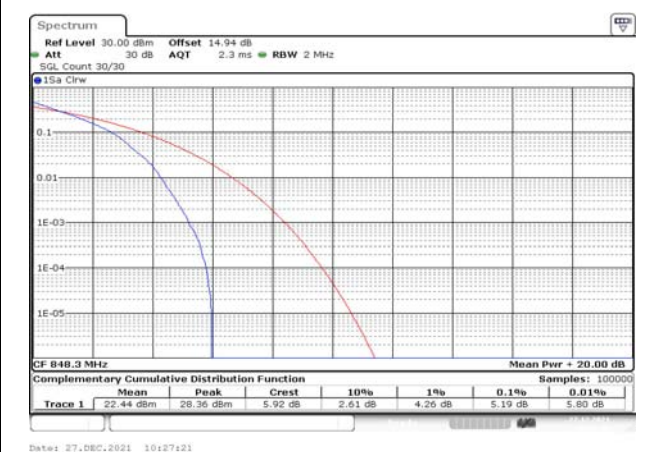


Fig.18

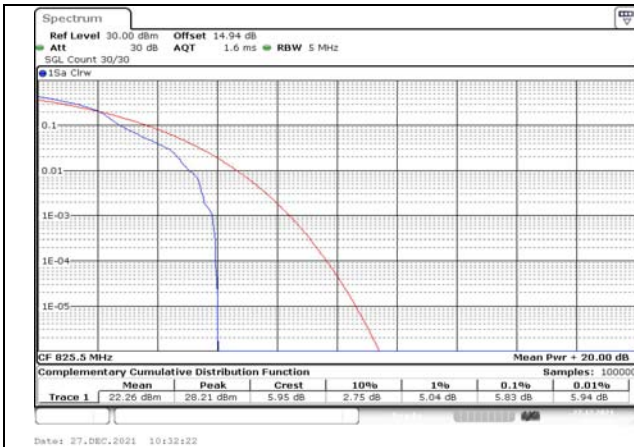


Fig.19

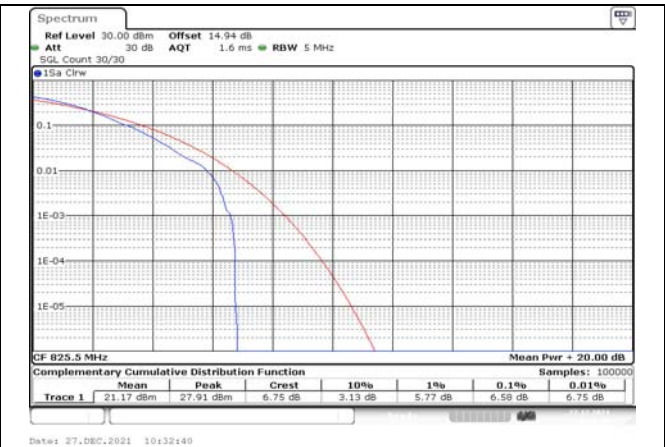


Fig.20

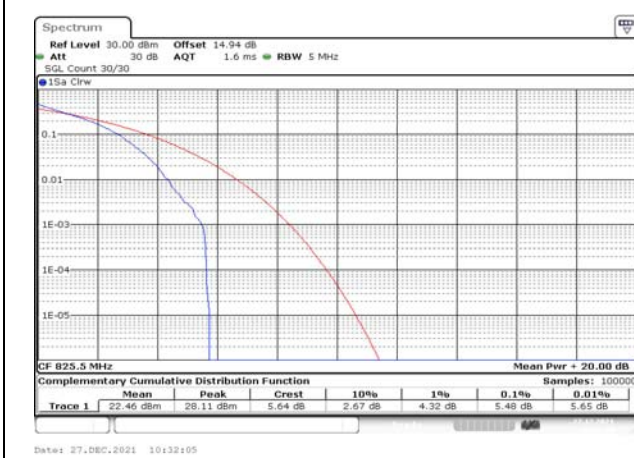


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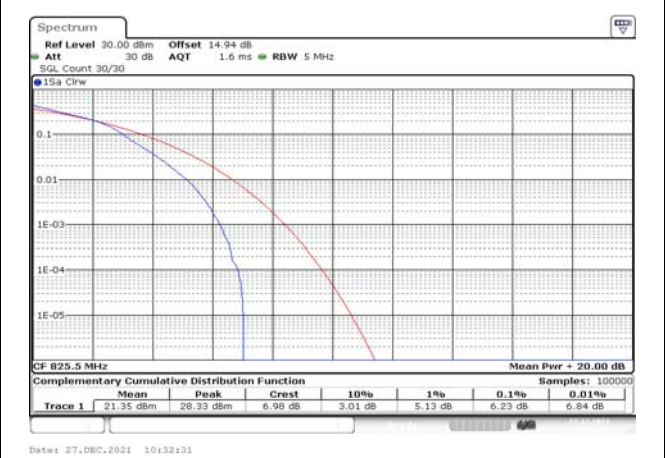


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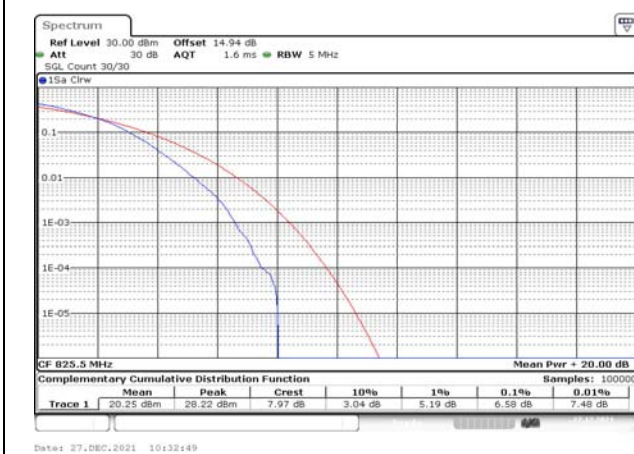


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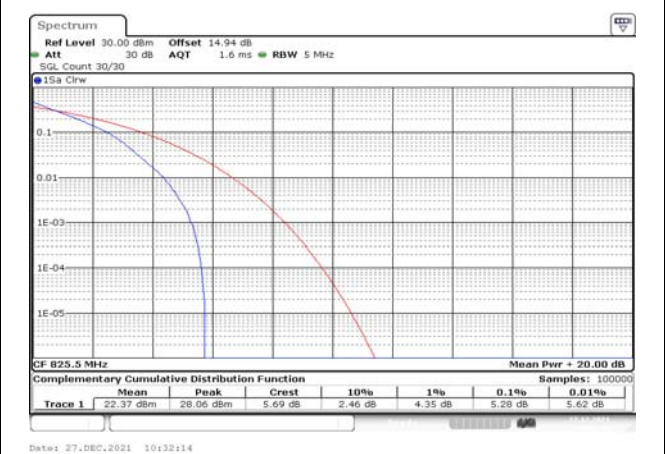


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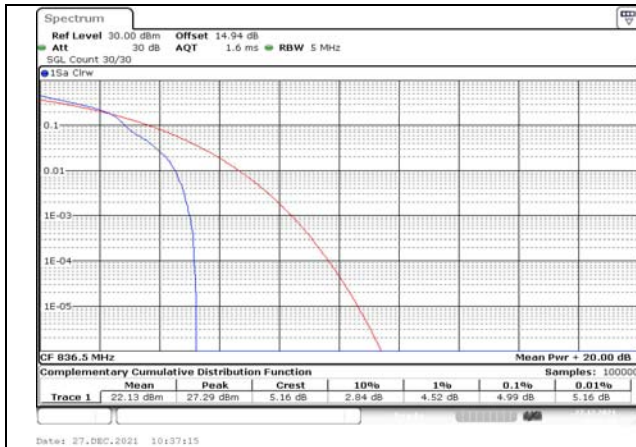


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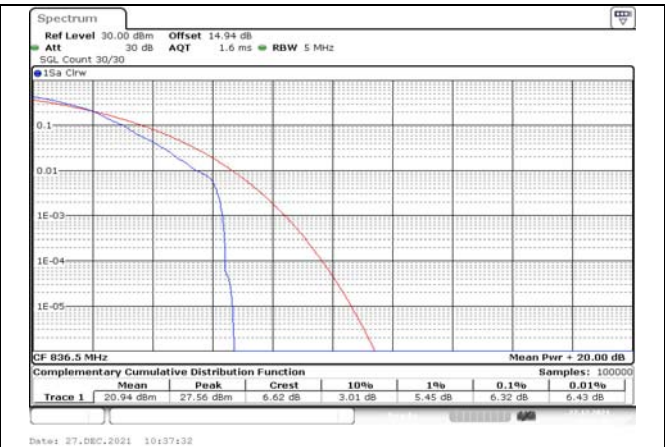


Fig.26

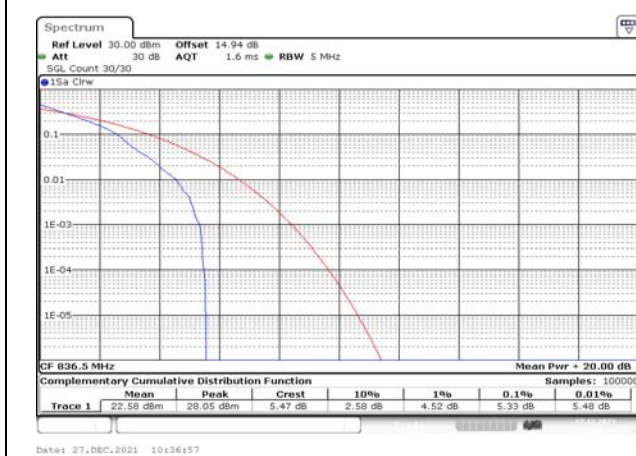


Fig.27

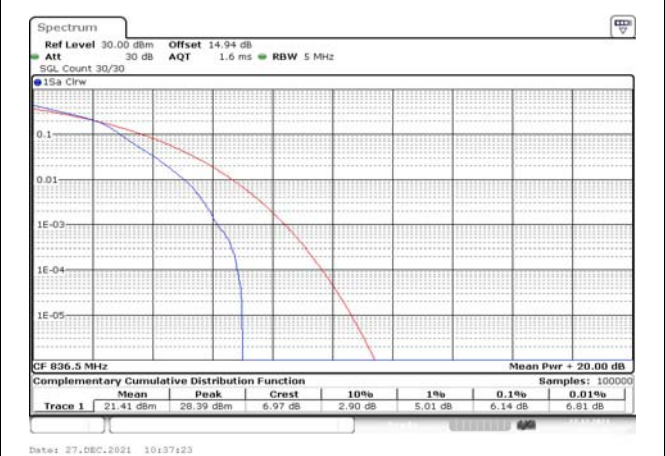


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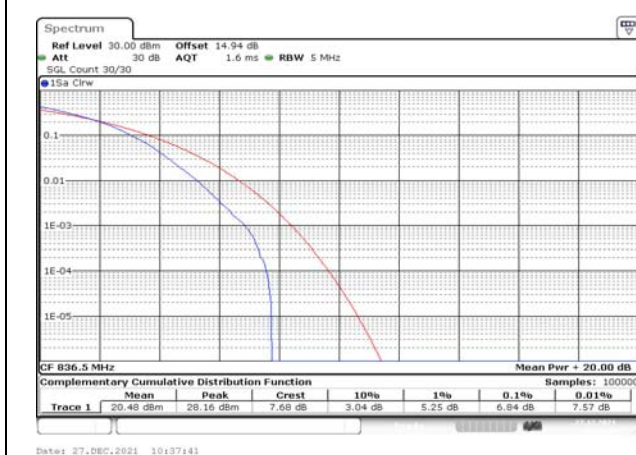


Fig.29

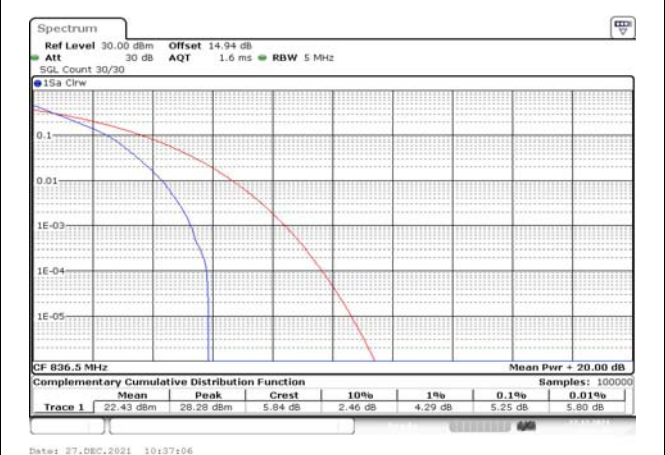


Fig.30

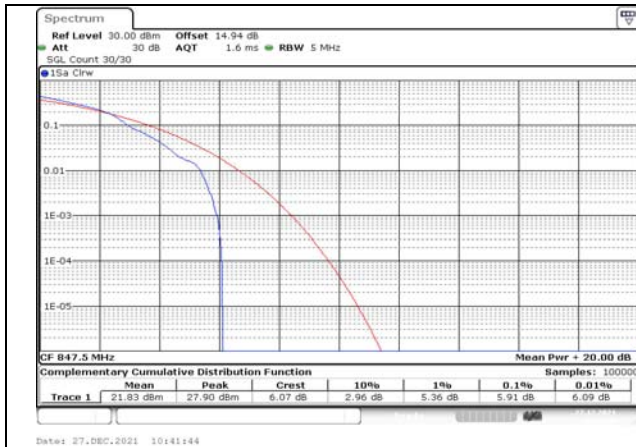


Fig.31

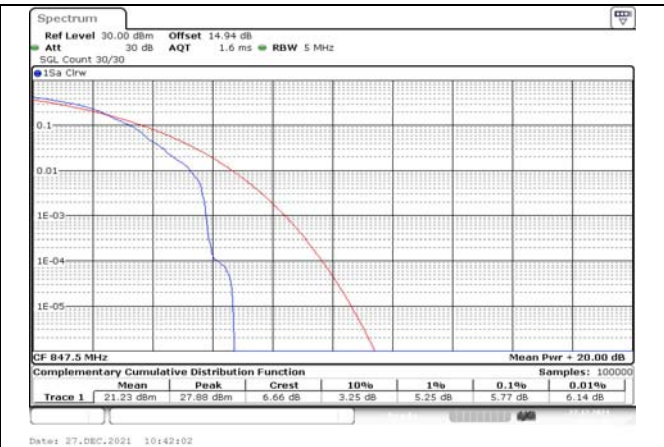


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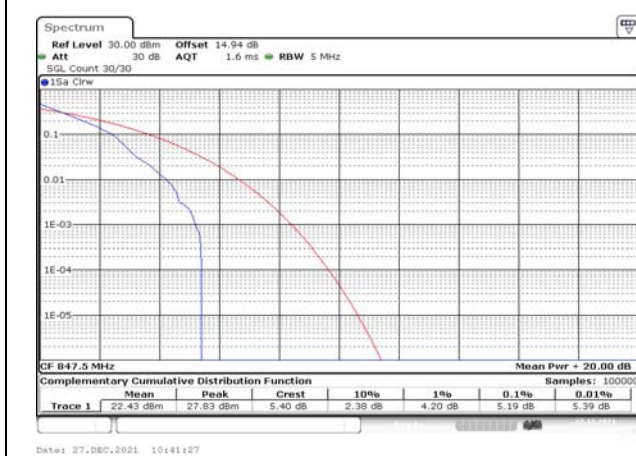


Fig.33

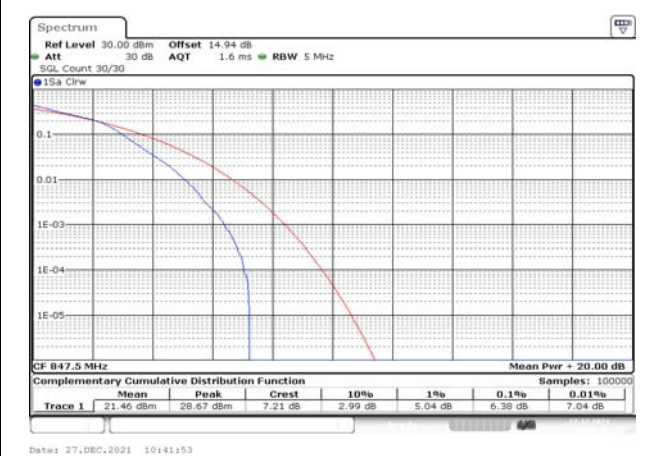


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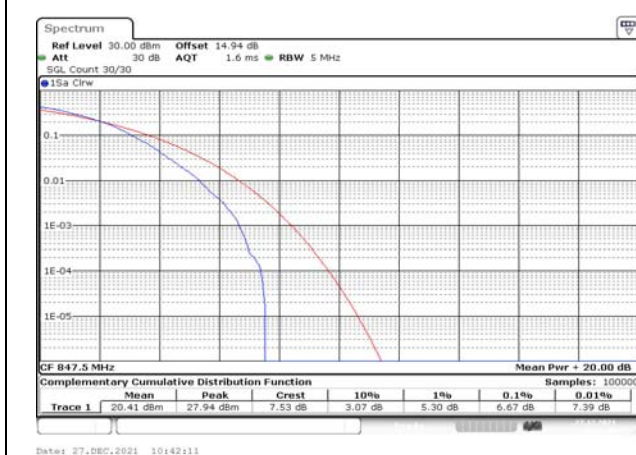


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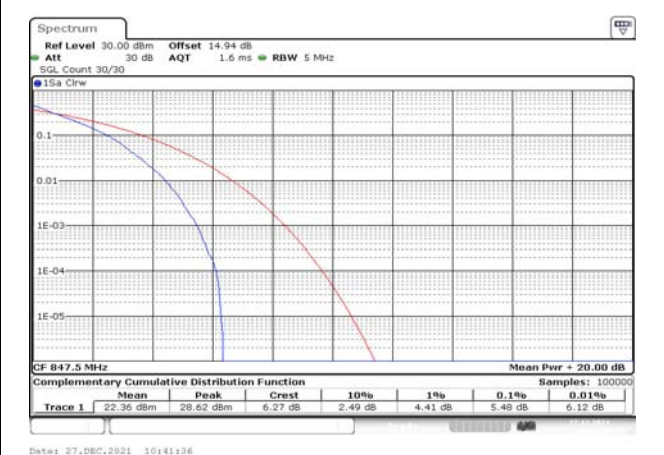


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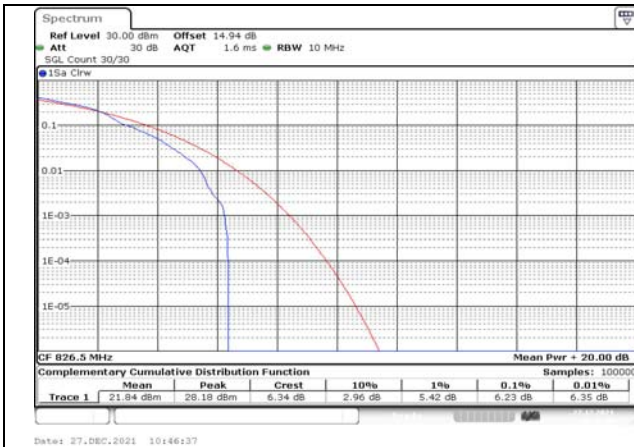


Fig.37

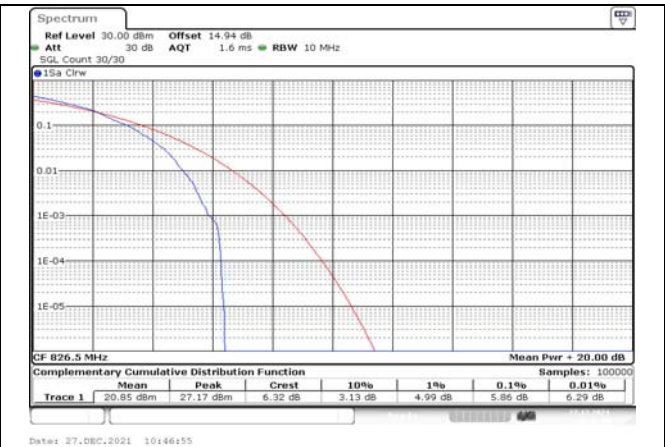


Fig.38

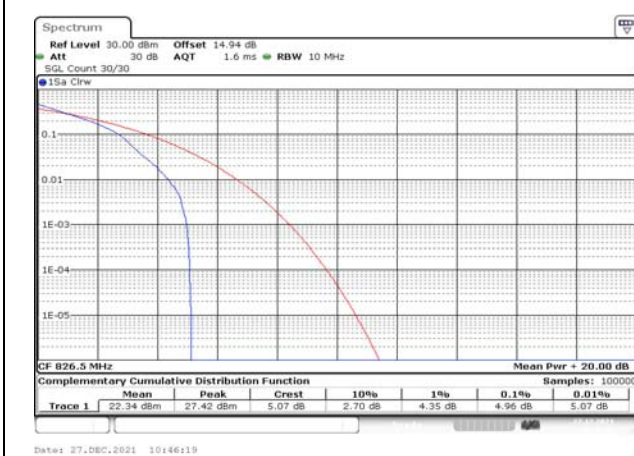


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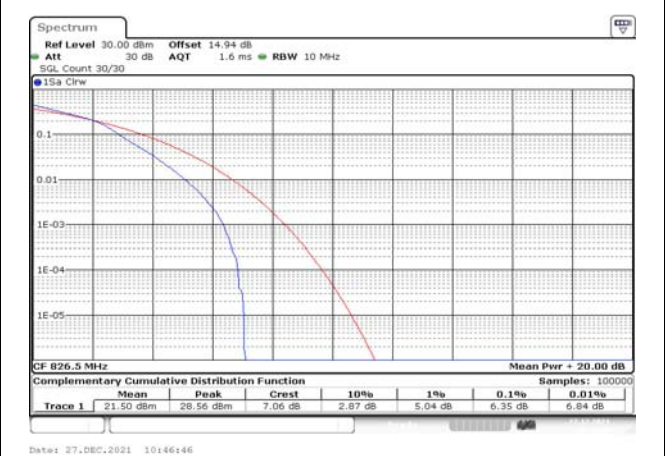


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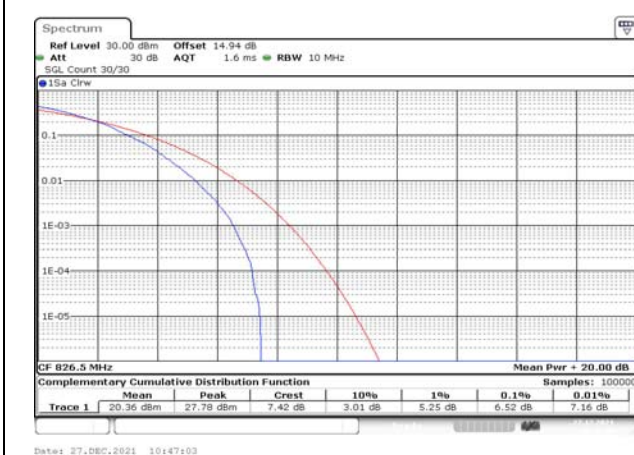


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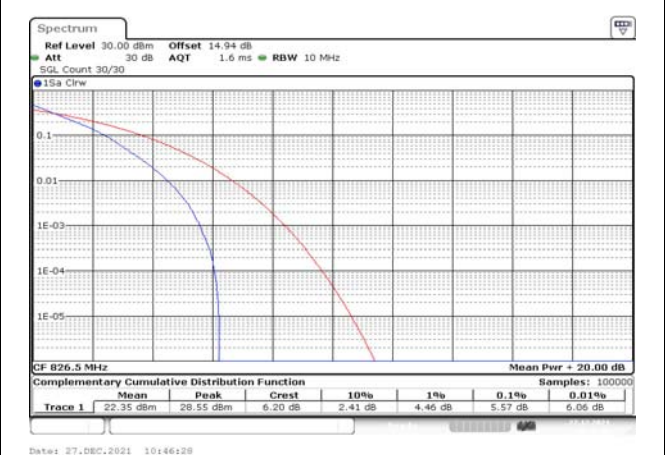


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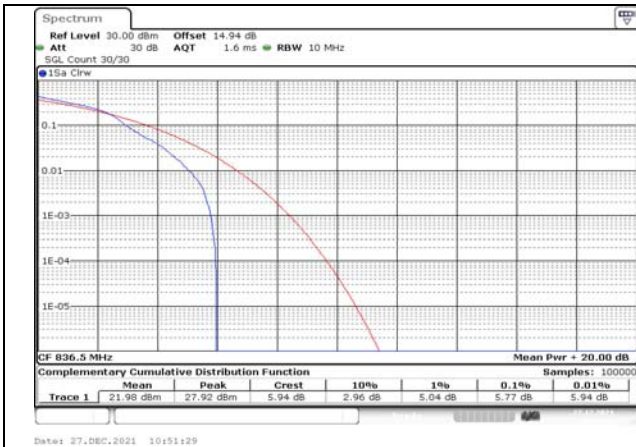


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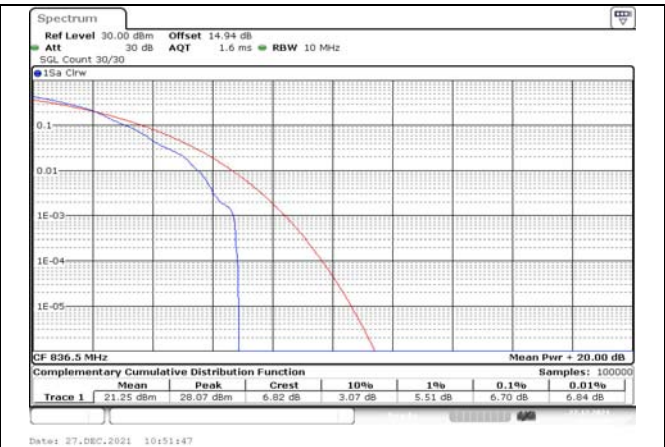


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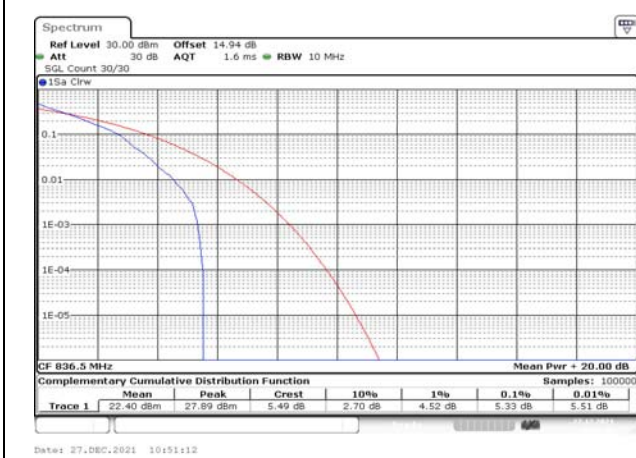


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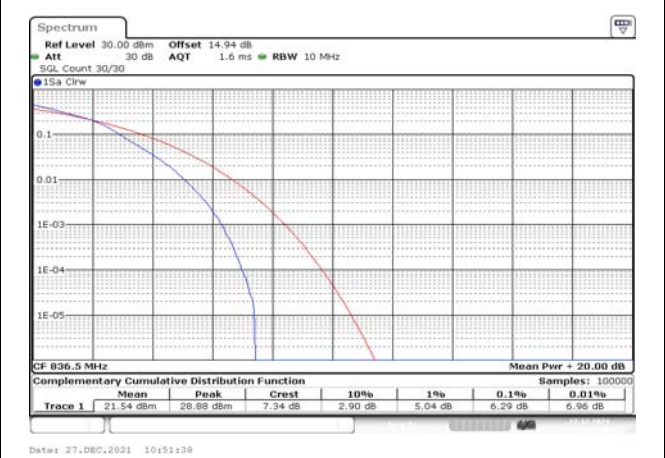


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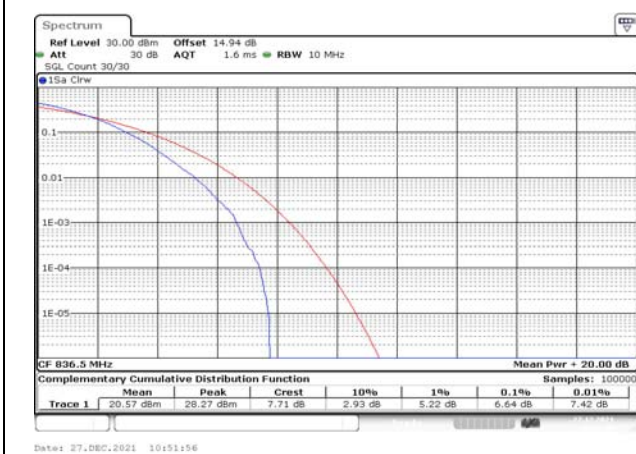


Fig.47

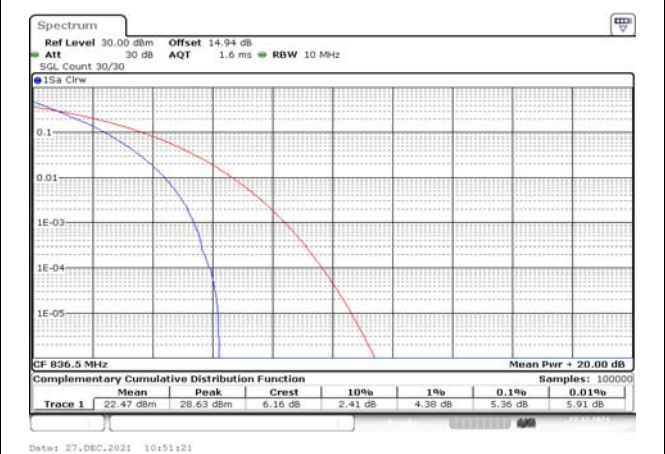


Fig.48

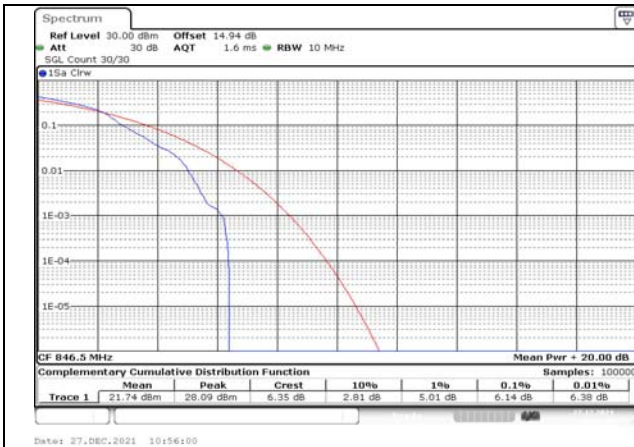


Fig.49

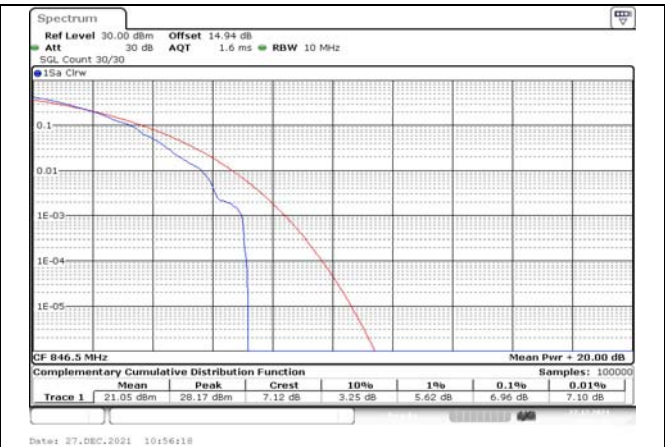


Fig.50

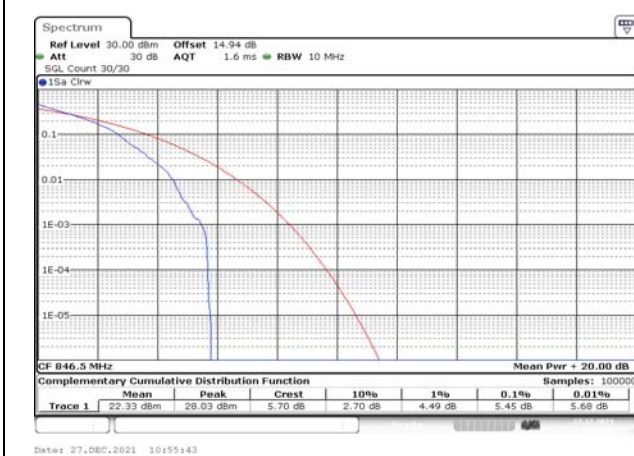


Fig.51

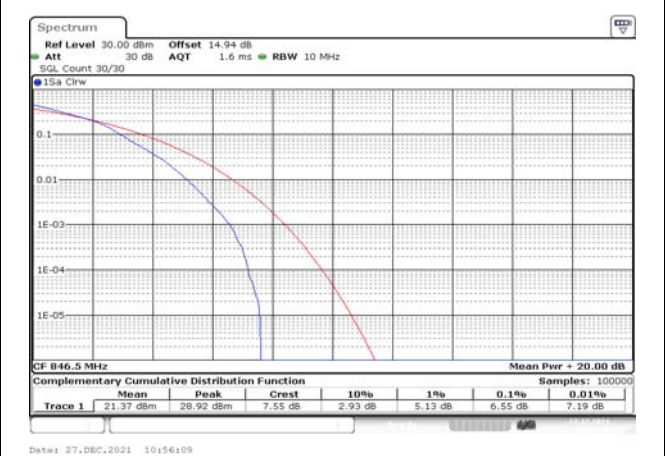


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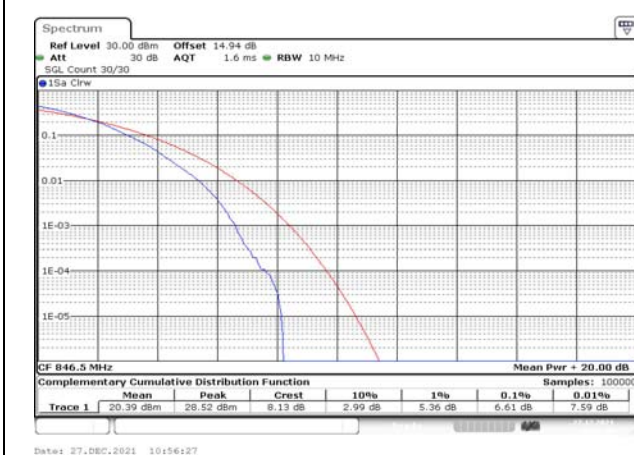


Fig.53

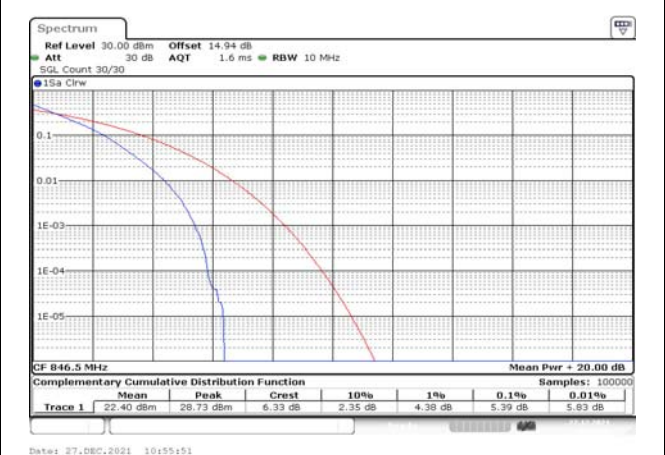


Fig.54

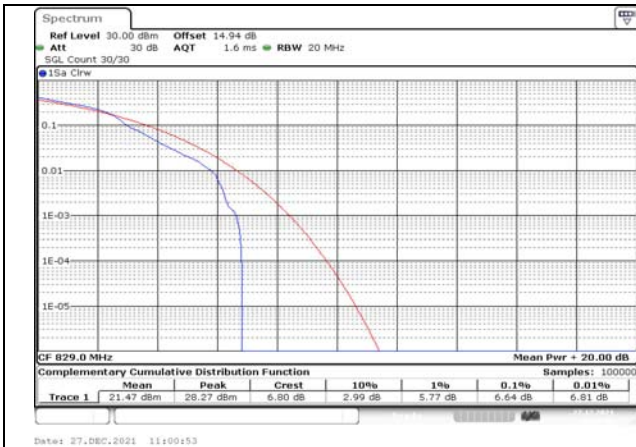


Fig.55

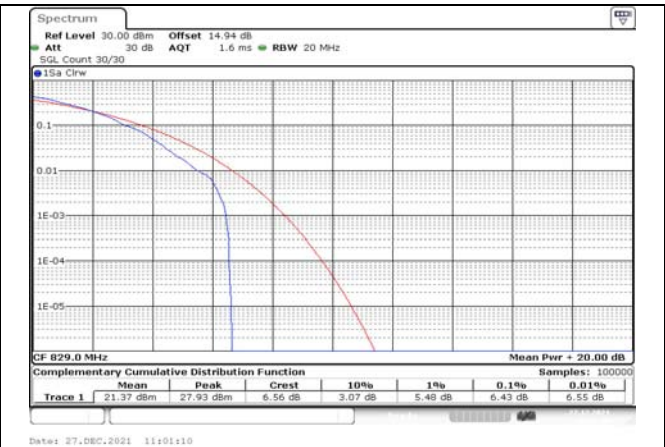


Fig.56

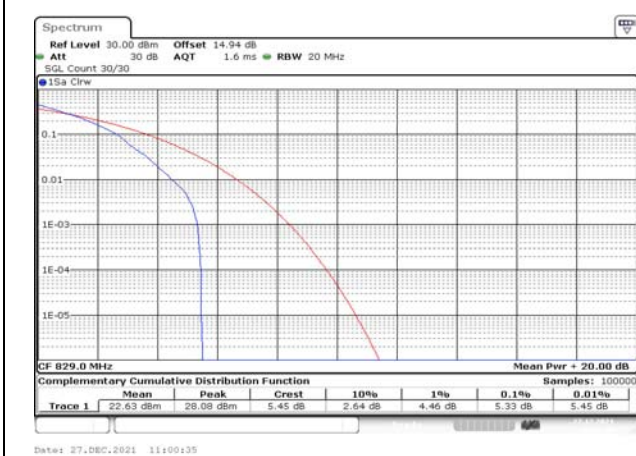


Fig.57

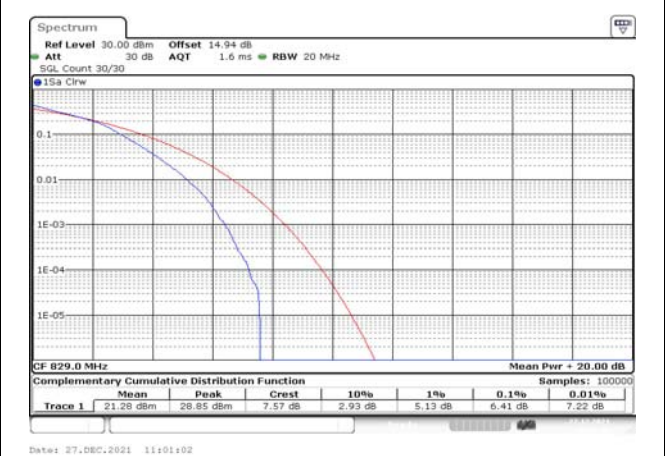


Fig.58

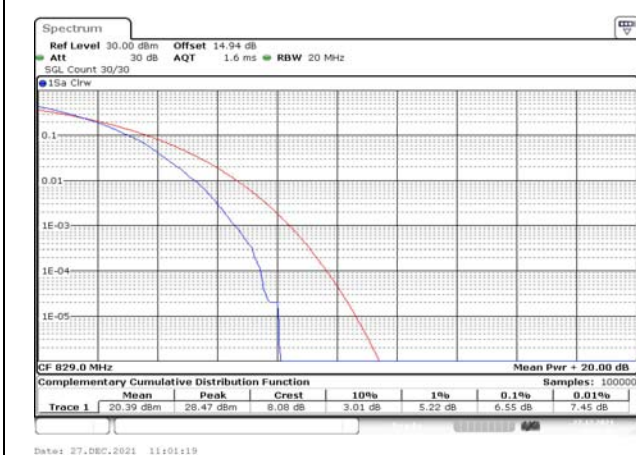


Fig.59

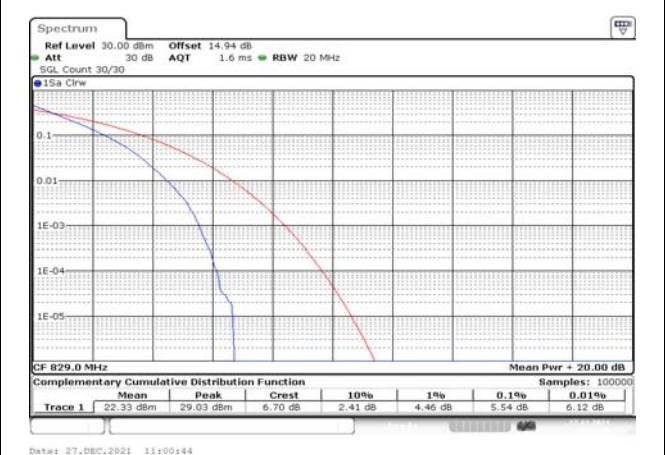


Fig.60

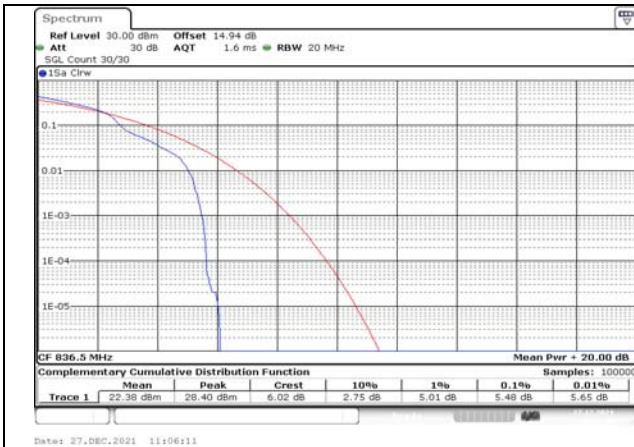


Fig.61

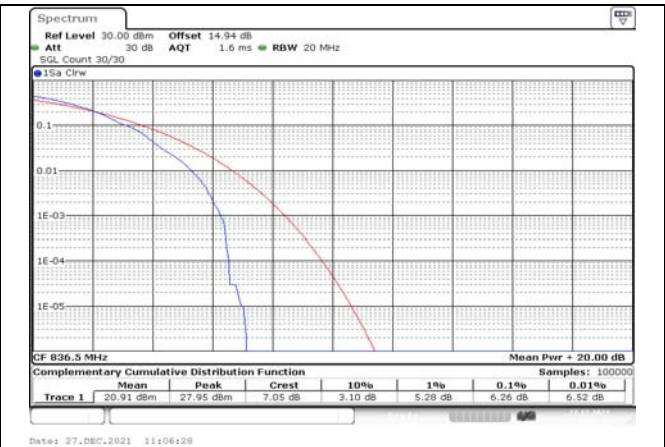


Fig.62

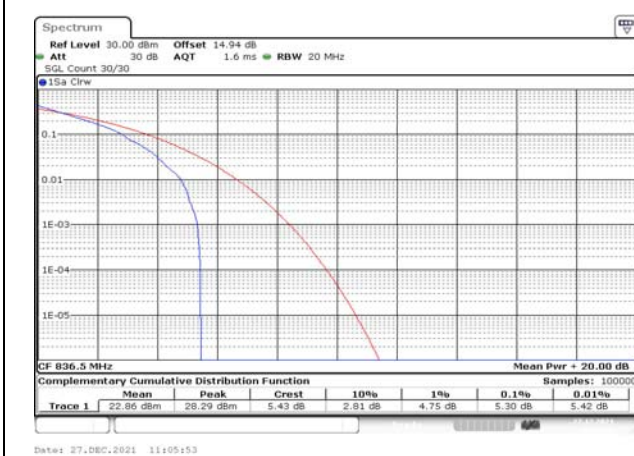


Fig.63

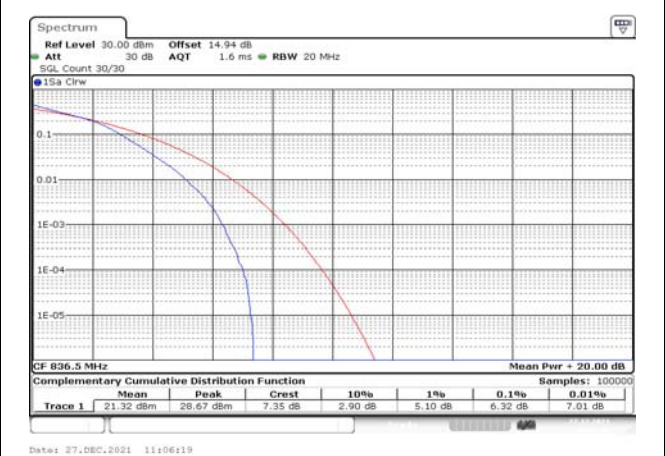


Fig.64

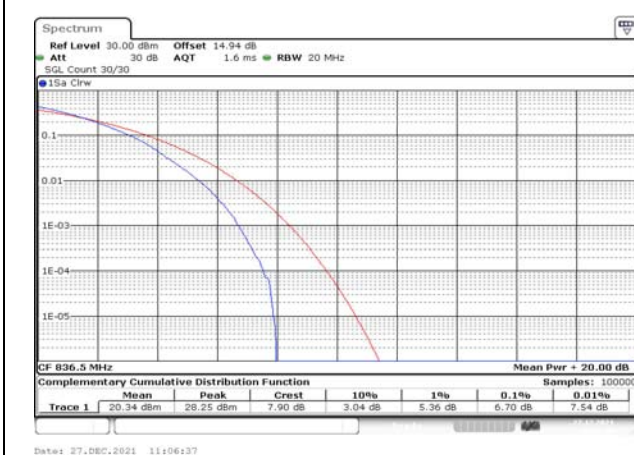


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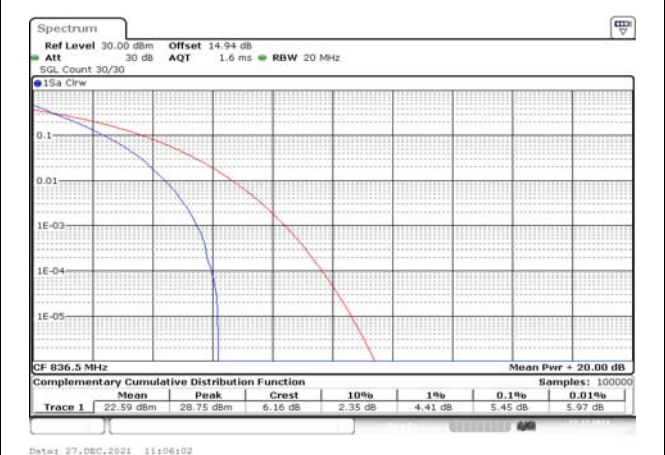


Fig.66

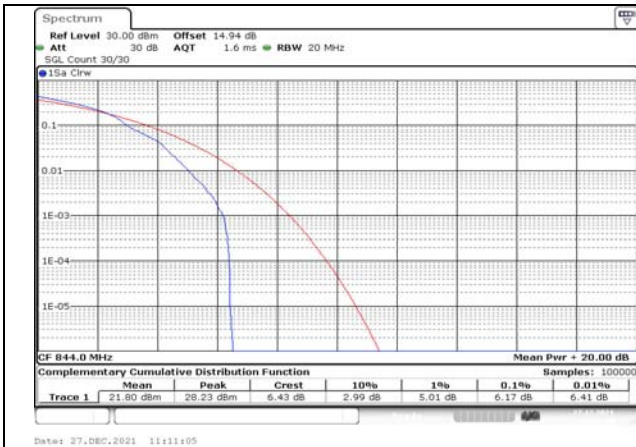


Fig.67

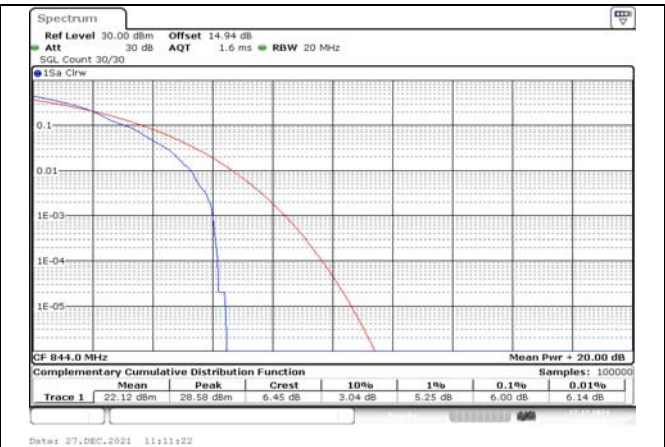


Fig.68

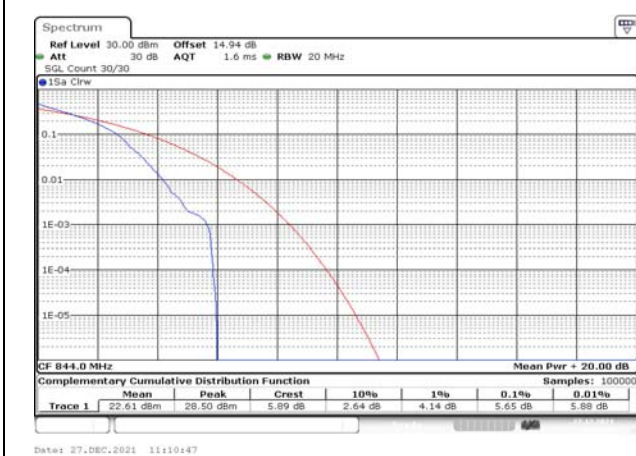


Fig.69

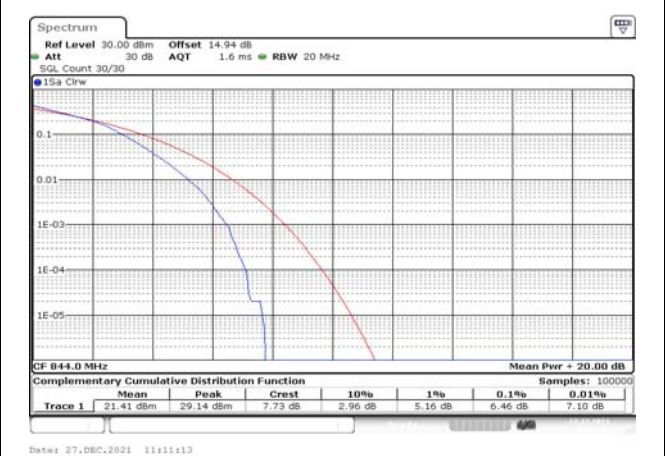


Fig.70

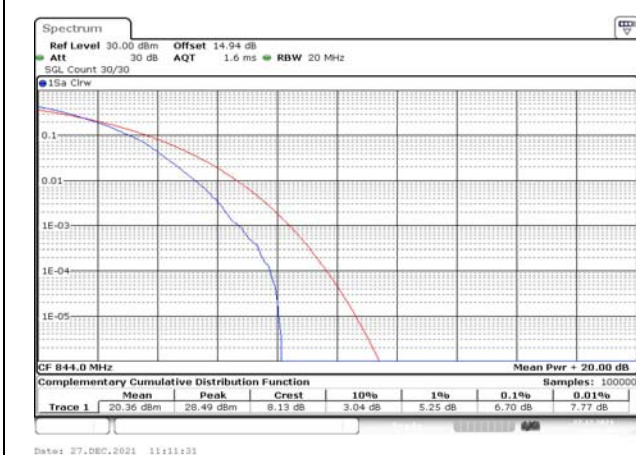


Fig.71

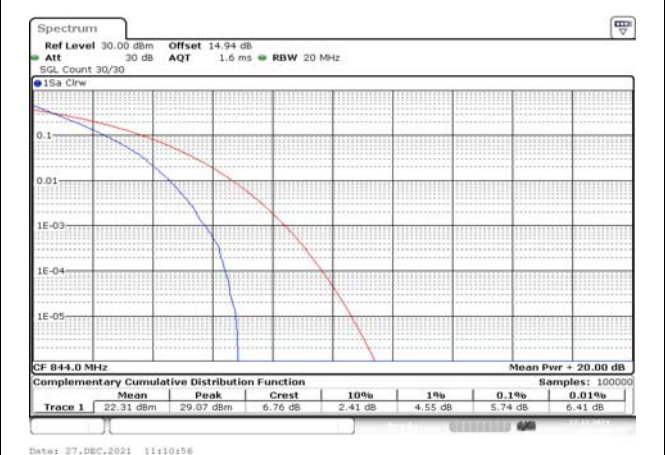


Fig.72

5 Spurious Emissions at antenna terminal

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Conducted Spurious Plot
						QPSK
5	829	20450	10	1	0	Fig.1
5	836.5	20525	10	1	0	Fig.2
5	844	20600	10	1	0	Fig.3

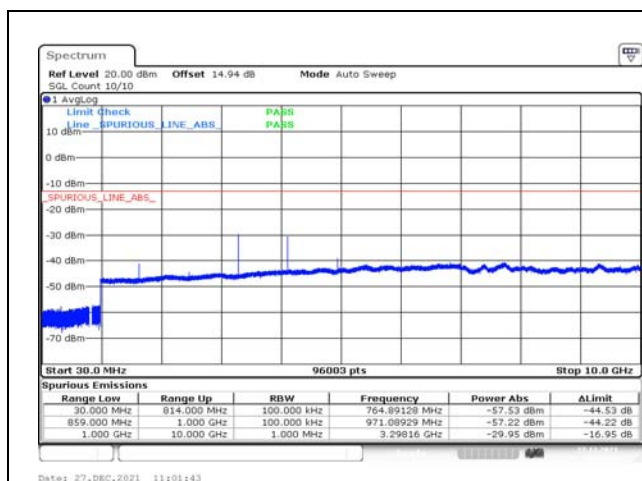


Fig.1

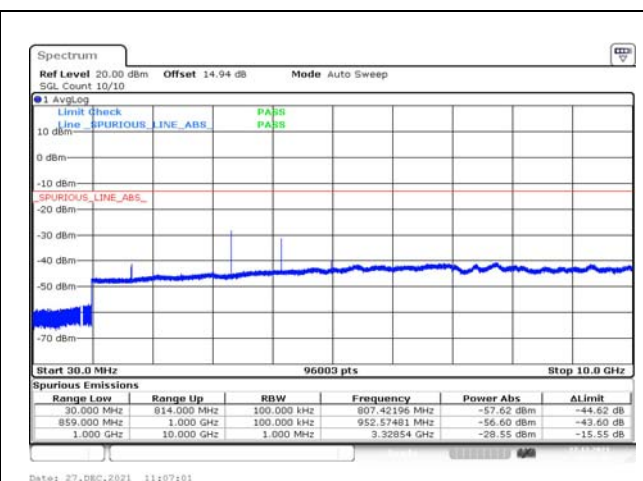


Fig.2

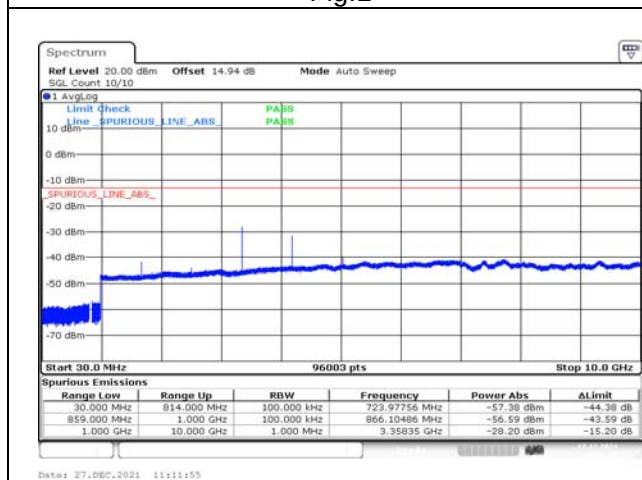


Fig.3

6 Band Edges Compliance

Band	Carrier frequency (MHz)	Channel	BW	RB Size	RB Offset	Band Edges Plot
						QPSK
5	824.7	20407	1.4	1	0	Fig.1
5	824.7	20407	1.4	6	0	Fig.2
5	848.3	20643	1.4	1	5	Fig.3
5	848.3	20643	1.4	6	0	Fig.4
5	825.5	20415	3	1	0	Fig.5
5	825.5	20415	3	15	0	Fig.6
5	847.5	20635	3	1	14	Fig.7
5	847.5	20635	3	15	0	Fig.8
5	826.5	20425	5	1	0	Fig.9
5	826.5	20425	5	25	0	Fig.10
5	846.5	20625	5	1	24	Fig.11
5	846.5	20625	5	25	0	Fig.12
5	829	20450	10	1	0	Fig.13
5	829	20450	10	50	0	Fig.14
5	844	20600	10	1	49	Fig.15
5	844	20600	10	50	0	Fig.16

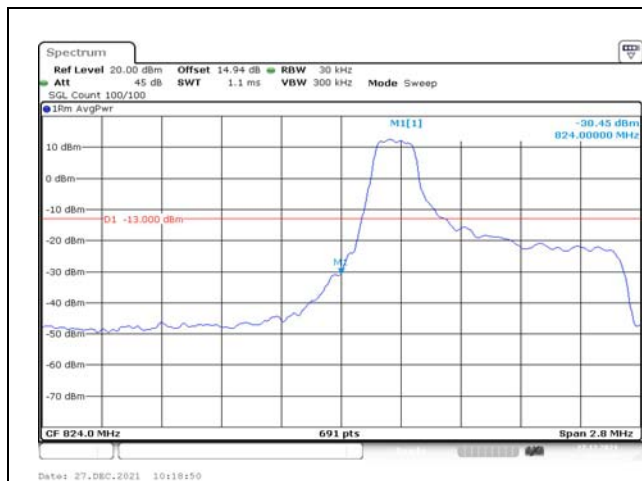


Fig.1

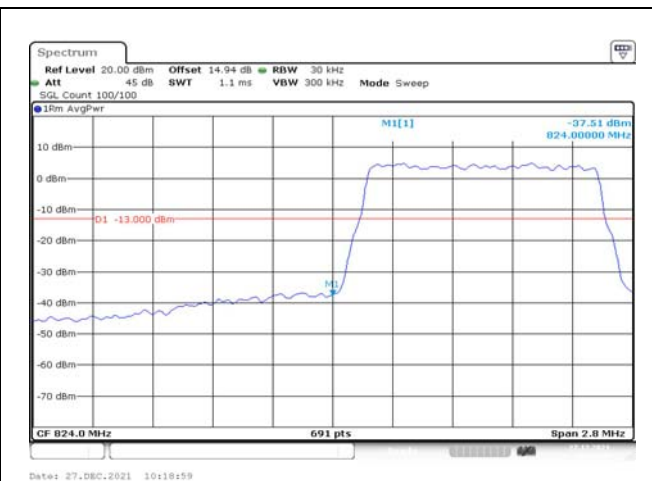


Fig.2

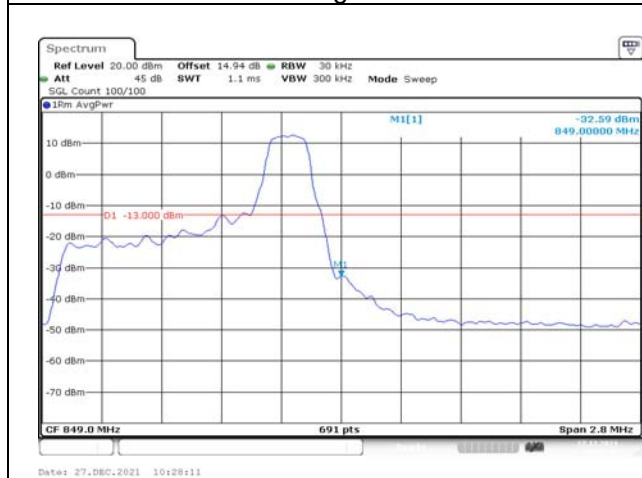


Fig.3

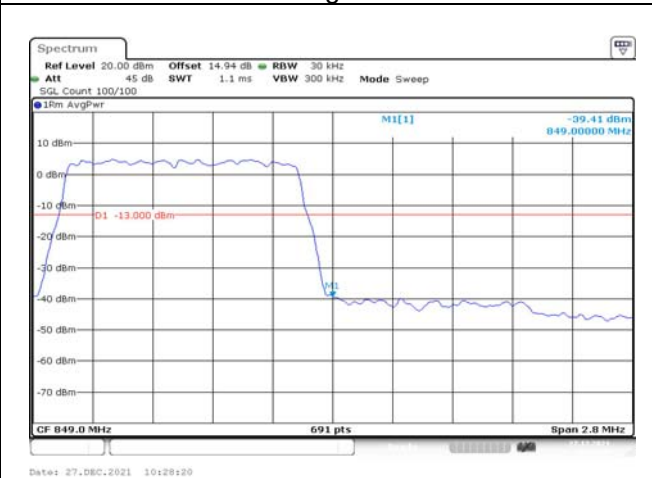


Fig.4

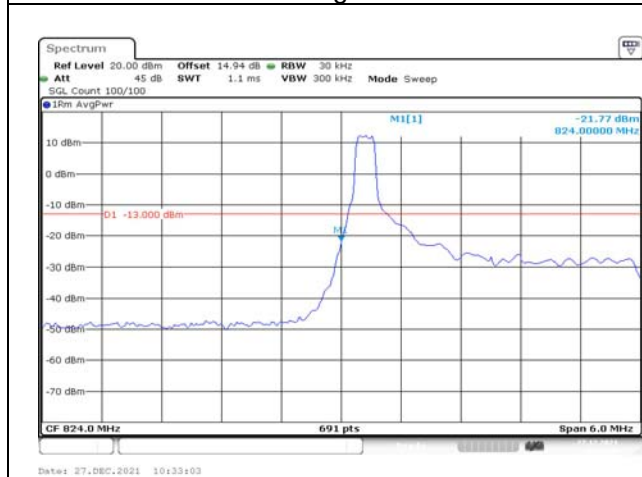


Fig.5

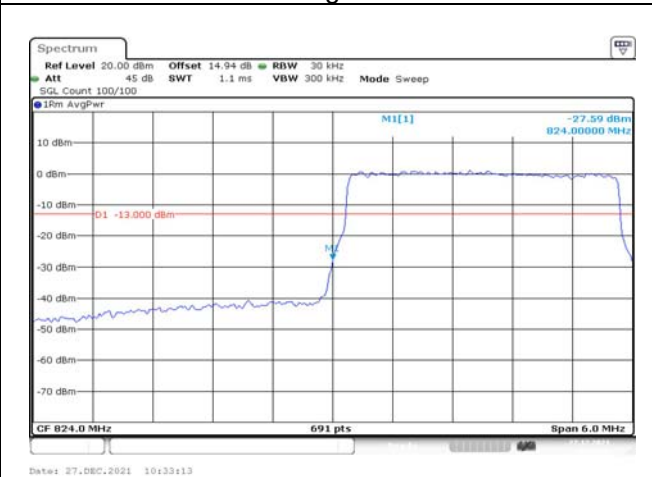


Fig.6

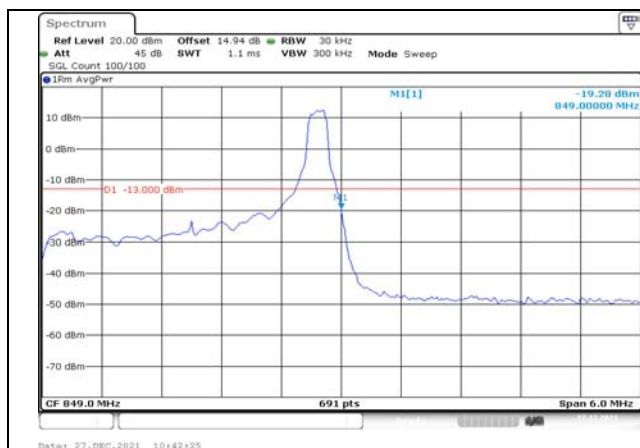


Fig.7

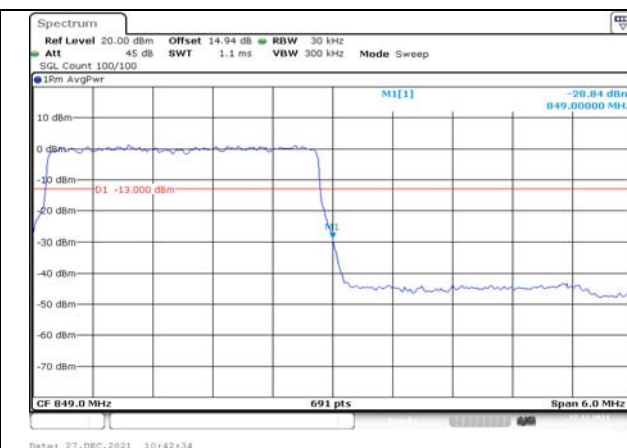


Fig.8

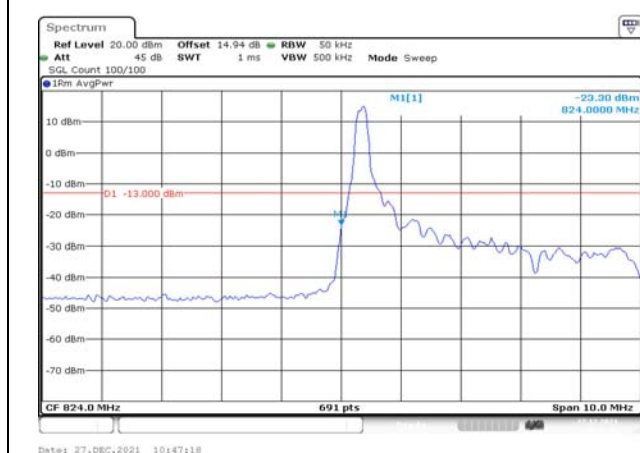


Fig.9

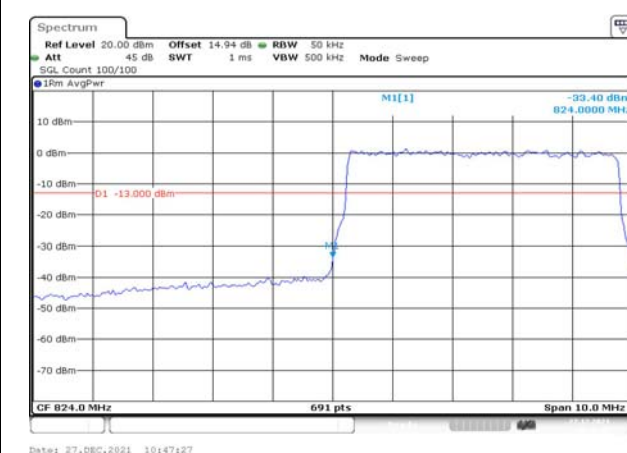


Fig.10

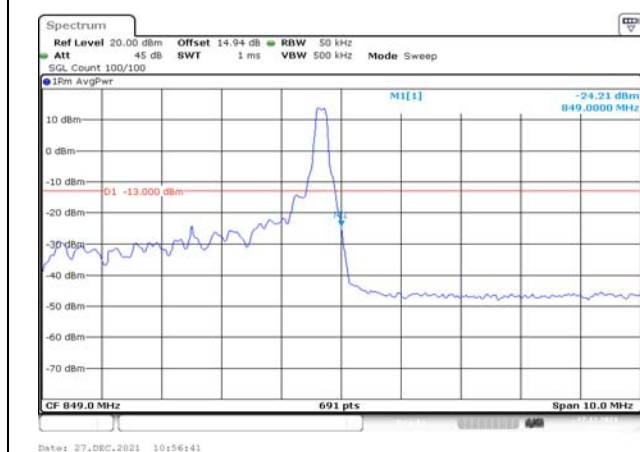


Fig.11

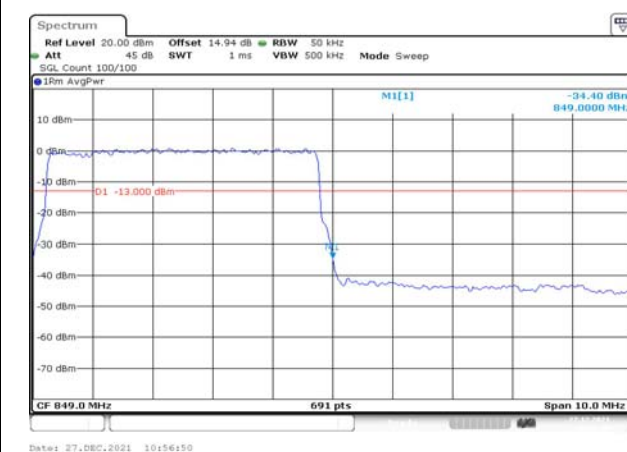


Fig.12

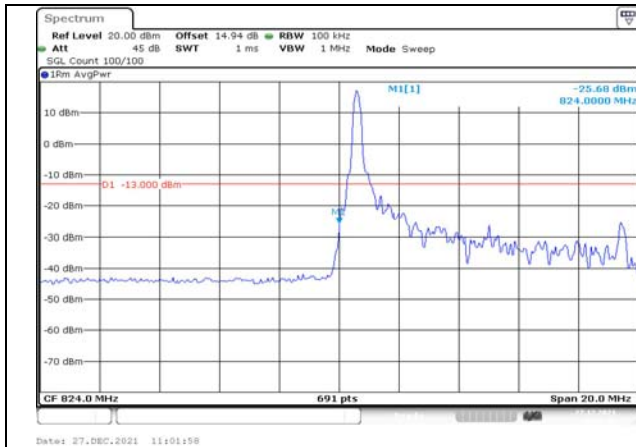


Fig.13

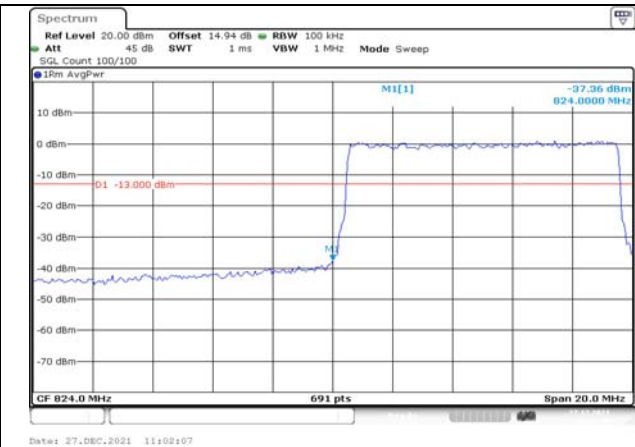


Fig.14

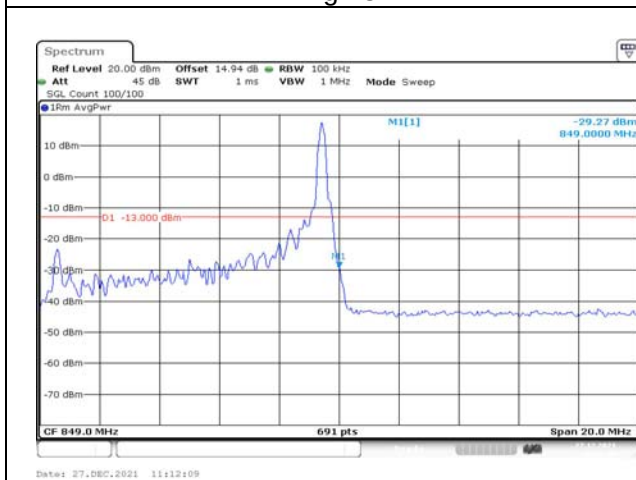


Fig.15

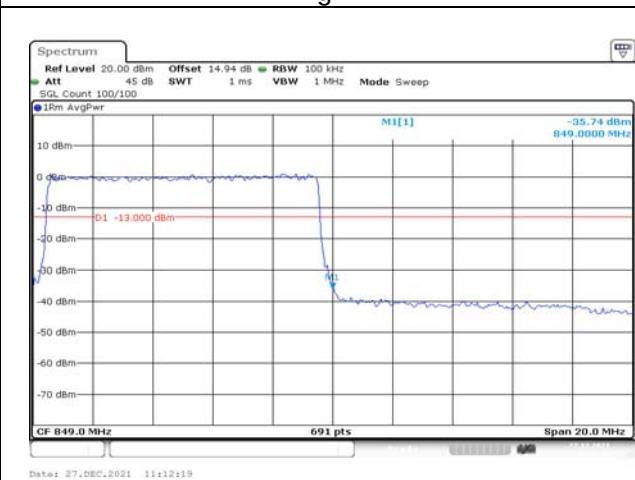


Fig.16

7 Frequency Stability

Temperature(°C)	Voltage	Test Result (ppm) Band 5 Low Channel QPSK			
		1.4M	3M	5M	10M
-20	NV	-0.054	-0.010	-0.003	0.013
-10	NV	-0.035	-0.007	-0.008	-0.016
0	NV	-0.008	-0.015	0.066	0.028
+10	NV	-0.002	-0.025	-0.042	0.045
+30	NV	-0.004	-0.016	-0.014	-0.006
+40	NV	-0.019	-0.022	-0.022	0.015
+55	NV	-0.002	-0.030	-0.028	0.003
+20	LV	-0.055	-0.003	-0.025	-0.003
+20	HV	-0.038	-0.006	-0.009	-0.002

Temperature(°C)	Voltage	Test Result (ppm) Band 5 High Channel QPSK			
		1.4M	3M	5M	10M
-20	NV	0.005	-0.027	-0.030	0.013
-10	NV	-0.008	-0.025	-0.016	0.013
0	NV	0.013	-0.013	-0.010	0.003
+10	NV	0.021	0.005	-0.014	0.035
+30	NV	0.024	-0.015	-0.018	0.025
+40	NV	-0.007	0.004	-0.039	0.005
+55	NV	0.003	-0.029	-0.046	-0.005
+20	LV	-0.005	0.010	-0.037	0.001
+20	HV	-0.011	-0.011	-0.011	0.021

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	824.7	20407	1.4	1	0	23.03	17.88	0.061
16QAM	824.7	20407	1.4	1	3	22.98	17.83	0.061
16QAM	824.7	20407	1.4	1	5	23.01	17.86	0.061
16QAM	824.7	20407	1.4	3	0	22.91	17.76	0.060
16QAM	824.7	20407	1.4	3	1	23.03	17.88	0.061
16QAM	824.7	20407	1.4	3	3	22.98	17.83	0.061
16QAM	824.7	20407	1.4	6	0	21.94	16.79	0.048
16QAM	836.5	20525	1.4	1	0	23.31	18.16	0.065
16QAM	836.5	20525	1.4	1	3	23.40	18.25	0.067
16QAM	836.5	20525	1.4	1	5	23.57	18.42	0.070
16QAM	836.5	20525	1.4	3	0	22.93	17.78	0.060
16QAM	836.5	20525	1.4	3	1	22.97	17.82	0.061
16QAM	836.5	20525	1.4	3	3	23.05	17.90	0.062
16QAM	836.5	20525	1.4	6	0	22.16	17.01	0.050
16QAM	848.3	20643	1.4	1	0	22.91	17.76	0.060
16QAM	848.3	20643	1.4	1	3	22.93	17.78	0.060
16QAM	848.3	20643	1.4	1	5	22.96	17.81	0.060
16QAM	848.3	20643	1.4	3	0	22.39	17.24	0.053
16QAM	848.3	20643	1.4	3	1	22.47	17.32	0.054
16QAM	848.3	20643	1.4	3	3	22.47	17.32	0.054
16QAM	848.3	20643	1.4	6	0	21.79	16.64	0.046
64QAM	824.7	20407	1.4	1	0	21.97	16.82	0.048
64QAM	824.7	20407	1.4	1	3	21.88	16.73	0.047
64QAM	824.7	20407	1.4	1	5	21.86	16.71	0.047
64QAM	824.7	20407	1.4	3	0	21.91	16.76	0.047
64QAM	824.7	20407	1.4	3	1	21.91	16.76	0.047
64QAM	824.7	20407	1.4	3	3	21.97	16.82	0.048
64QAM	824.7	20407	1.4	6	0	20.97	15.82	0.038
64QAM	836.5	20525	1.4	1	0	21.55	16.40	0.044
64QAM	836.5	20525	1.4	1	3	21.64	16.49	0.045
64QAM	836.5	20525	1.4	1	5	21.80	16.65	0.046
64QAM	836.5	20525	1.4	3	0	21.73	16.58	0.045
64QAM	836.5	20525	1.4	3	1	21.76	16.61	0.046
64QAM	836.5	20525	1.4	3	3	21.74	16.59	0.046
64QAM	836.5	20525	1.4	6	0	20.88	15.73	0.037
64QAM	848.3	20643	1.4	1	0	22.12	16.97	0.050
64QAM	848.3	20643	1.4	1	3	22.11	16.96	0.050
64QAM	848.3	20643	1.4	1	5	22.10	16.95	0.050
64QAM	848.3	20643	1.4	3	0	22.42	17.27	0.053
64QAM	848.3	20643	1.4	3	1	22.28	17.13	0.052
64QAM	848.3	20643	1.4	3	3	22.17	17.02	0.050

64QAM	848.3	20643	1.4	6	0	20.75	15.60	0.036
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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	824.7	20407	1.4	1	0	23.33	18.18	0.066
QPSK	824.7	20407	1.4	1	3	23.32	18.17	0.066
QPSK	824.7	20407	1.4	1	5	23.21	18.06	0.064
QPSK	824.7	20407	1.4	3	0	23.38	18.23	0.067
QPSK	824.7	20407	1.4	3	1	23.45	18.30	0.068
QPSK	824.7	20407	1.4	3	3	23.37	18.22	0.066
QPSK	824.7	20407	1.4	6	0	22.95	17.80	0.060
QPSK	836.5	20525	1.4	1	0	23.44	18.29	0.067
QPSK	836.5	20525	1.4	1	3	23.50	18.35	0.068
QPSK	836.5	20525	1.4	1	5	23.51	18.36	0.069
QPSK	836.5	20525	1.4	3	0	23.40	18.25	0.067
QPSK	836.5	20525	1.4	3	1	23.42	18.27	0.067
QPSK	836.5	20525	1.4	3	3	23.35	18.20	0.066
QPSK	836.5	20525	1.4	6	0	22.90	17.75	0.060
QPSK	848.3	20643	1.4	1	0	23.46	18.31	0.068
QPSK	848.3	20643	1.4	1	3	23.29	18.14	0.065
QPSK	848.3	20643	1.4	1	5	23.60	18.45	0.070
QPSK	848.3	20643	1.4	3	0	23.29	18.14	0.065
QPSK	848.3	20643	1.4	3	1	23.36	18.21	0.066
QPSK	848.3	20643	1.4	3	3	23.30	18.15	0.065
QPSK	848.3	20643	1.4	6	0	23.00	17.85	0.061

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	825.5	20415	3	1	0	22.67	17.52	0.056
16QAM	825.5	20415	3	1	8	22.84	17.69	0.059
16QAM	825.5	20415	3	1	14	22.75	17.60	0.058
16QAM	825.5	20415	3	8	0	21.96	16.81	0.048
16QAM	825.5	20415	3	8	4	21.96	16.81	0.048
16QAM	825.5	20415	3	8	7	21.73	16.58	0.045
16QAM	825.5	20415	3	15	0	21.93	16.78	0.048
16QAM	836.5	20525	3	1	0	23.40	18.25	0.067
16QAM	836.5	20525	3	1	8	23.43	18.28	0.067
16QAM	836.5	20525	3	1	14	23.43	18.28	0.067
16QAM	836.5	20525	3	8	0	21.87	16.72	0.047
16QAM	836.5	20525	3	8	4	21.77	16.62	0.046
16QAM	836.5	20525	3	8	7	21.84	16.69	0.047
16QAM	836.5	20525	3	15	0	22.10	16.95	0.050
16QAM	847.5	20635	3	1	0	23.00	17.85	0.061
16QAM	847.5	20635	3	1	8	22.89	17.74	0.059
16QAM	847.5	20635	3	1	14	22.97	17.82	0.061
16QAM	847.5	20635	3	8	0	21.89	16.74	0.047
16QAM	847.5	20635	3	8	4	21.84	16.69	0.047
16QAM	847.5	20635	3	8	7	21.85	16.70	0.047
16QAM	847.5	20635	3	15	0	21.96	16.81	0.048
64QAM	825.5	20415	3	1	0	22.37	17.22	0.053
64QAM	825.5	20415	3	1	8	22.38	17.23	0.053
64QAM	825.5	20415	3	1	14	22.28	17.13	0.052
64QAM	825.5	20415	3	8	0	20.68	15.53	0.036
64QAM	825.5	20415	3	8	4	20.80	15.65	0.037
64QAM	825.5	20415	3	8	7	20.75	15.60	0.036
64QAM	825.5	20415	3	15	0	20.98	15.83	0.038
64QAM	836.5	20525	3	1	0	21.59	16.44	0.044
64QAM	836.5	20525	3	1	8	21.70	16.55	0.045
64QAM	836.5	20525	3	1	14	21.65	16.50	0.045
64QAM	836.5	20525	3	8	0	20.73	15.58	0.036
64QAM	836.5	20525	3	8	4	20.78	15.63	0.037
64QAM	836.5	20525	3	8	7	20.79	15.64	0.037
64QAM	836.5	20525	3	15	0	20.95	15.80	0.038
64QAM	847.5	20635	3	1	0	22.24	17.09	0.051
64QAM	847.5	20635	3	1	8	22.17	17.02	0.050
64QAM	847.5	20635	3	1	14	22.20	17.05	0.051
64QAM	847.5	20635	3	8	0	20.63	15.48	0.035
64QAM	847.5	20635	3	8	4	20.80	15.65	0.037
64QAM	847.5	20635	3	8	7	20.80	15.65	0.037
64QAM	847.5	20635	3	15	0	20.84	15.69	0.037

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	825.5	20415	3	1	0	23.47	18.32	0.068
QPSK	825.5	20415	3	1	8	23.47	18.32	0.068
QPSK	825.5	20415	3	1	14	23.36	18.21	0.066
QPSK	825.5	20415	3	8	0	22.91	17.76	0.060
QPSK	825.5	20415	3	8	4	22.78	17.63	0.058
QPSK	825.5	20415	3	8	7	22.73	17.58	0.057
QPSK	825.5	20415	3	15	0	22.79	17.64	0.058
QPSK	836.5	20525	3	1	0	23.49	18.34	0.068
QPSK	836.5	20525	3	1	8	23.52	18.37	0.069
QPSK	836.5	20525	3	1	14	23.52	18.37	0.069
QPSK	836.5	20525	3	8	0	22.79	17.64	0.058
QPSK	836.5	20525	3	8	4	22.90	17.75	0.060
QPSK	836.5	20525	3	8	7	22.90	17.75	0.060
QPSK	836.5	20525	3	15	0	22.87	17.72	0.059
QPSK	847.5	20635	3	1	0	23.47	18.32	0.068
QPSK	847.5	20635	3	1	8	23.50	18.35	0.068
QPSK	847.5	20635	3	1	14	23.26	18.11	0.065
QPSK	847.5	20635	3	8	0	22.89	17.74	0.059
QPSK	847.5	20635	3	8	4	22.84	17.69	0.059
QPSK	847.5	20635	3	8	7	22.84	17.69	0.059
QPSK	847.5	20635	3	15	0	22.79	17.64	0.058

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	826.5	20425	5	1	0	22.27	17.12	0.052
16QAM	826.5	20425	5	1	12	22.24	17.09	0.051
16QAM	826.5	20425	5	1	24	22.20	17.05	0.051
16QAM	826.5	20425	5	12	0	21.70	16.55	0.045
16QAM	826.5	20425	5	12	7	21.64	16.49	0.045
16QAM	826.5	20425	5	12	13	21.58	16.43	0.044
16QAM	826.5	20425	5	25	0	21.85	16.70	0.047
16QAM	836.5	20525	5	1	0	23.48	18.33	0.068
16QAM	836.5	20525	5	1	12	23.42	18.27	0.067
16QAM	836.5	20525	5	1	24	23.51	18.36	0.069
16QAM	836.5	20525	5	12	0	21.91	16.76	0.047
16QAM	836.5	20525	5	12	7	21.85	16.70	0.047
16QAM	836.5	20525	5	12	13	21.91	16.76	0.047
16QAM	836.5	20525	5	25	0	21.84	16.69	0.047
16QAM	846.5	20625	5	1	0	22.66	17.51	0.056
16QAM	846.5	20625	5	1	12	22.67	17.52	0.056
16QAM	846.5	20625	5	1	24	23.12	17.97	0.063
16QAM	846.5	20625	5	12	0	21.70	16.55	0.045
16QAM	846.5	20625	5	12	7	21.73	16.58	0.045
16QAM	846.5	20625	5	12	13	21.69	16.54	0.045
16QAM	846.5	20625	5	25	0	21.82	16.67	0.046
64QAM	826.5	20425	5	1	0	21.46	16.31	0.043
64QAM	826.5	20425	5	1	12	21.27	16.12	0.041
64QAM	826.5	20425	5	1	24	21.14	15.99	0.040
64QAM	826.5	20425	5	12	0	21.10	15.95	0.039
64QAM	826.5	20425	5	12	7	20.85	15.70	0.037
64QAM	826.5	20425	5	12	13	20.85	15.70	0.037
64QAM	826.5	20425	5	25	0	20.74	15.59	0.036
64QAM	836.5	20525	5	1	0	22.84	17.69	0.059
64QAM	836.5	20525	5	1	12	22.97	17.82	0.061
64QAM	836.5	20525	5	1	24	23.06	17.91	0.062
64QAM	836.5	20525	5	12	0	20.65	15.50	0.035
64QAM	836.5	20525	5	12	7	20.88	15.73	0.037
64QAM	836.5	20525	5	12	13	20.80	15.65	0.037
64QAM	836.5	20525	5	25	0	20.90	15.75	0.038
64QAM	846.5	20625	5	1	0	21.39	16.24	0.042
64QAM	846.5	20625	5	1	12	21.94	16.79	0.048
64QAM	846.5	20625	5	1	24	21.88	16.73	0.047
64QAM	846.5	20625	5	12	0	20.77	15.62	0.036
64QAM	846.5	20625	5	12	7	20.78	15.63	0.037
64QAM	846.5	20625	5	12	13	20.74	15.59	0.036
64QAM	846.5	20625	5	25	0	20.91	15.76	0.038

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	826.5	20425	5	1	0	23.42	18.27	0.067
QPSK	826.5	20425	5	1	12	23.40	18.25	0.067
QPSK	826.5	20425	5	1	24	23.40	18.25	0.067
QPSK	826.5	20425	5	12	0	22.80	17.65	0.058
QPSK	826.5	20425	5	12	7	22.72	17.57	0.057
QPSK	826.5	20425	5	12	13	22.72	17.57	0.057
QPSK	826.5	20425	5	25	0	22.68	17.53	0.057
QPSK	836.5	20525	5	1	0	23.21	18.06	0.064
QPSK	836.5	20525	5	1	12	23.25	18.10	0.065
QPSK	836.5	20525	5	1	24	23.30	18.15	0.065
QPSK	836.5	20525	5	12	0	22.71	17.56	0.057
QPSK	836.5	20525	5	12	7	22.85	17.70	0.059
QPSK	836.5	20525	5	12	13	23.06	17.91	0.062
QPSK	836.5	20525	5	25	0	23.00	17.85	0.061
QPSK	846.5	20625	5	1	0	23.44	18.29	0.067
QPSK	846.5	20625	5	1	12	23.38	18.23	0.067
QPSK	846.5	20625	5	1	24	23.40	18.25	0.067
QPSK	846.5	20625	5	12	0	22.88	17.73	0.059
QPSK	846.5	20625	5	12	7	22.93	17.78	0.060
QPSK	846.5	20625	5	12	13	22.93	17.78	0.060
QPSK	846.5	20625	5	25	0	22.81	17.66	0.058

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
16QAM	829	20450	10	1	0	23.73	18.58	0.072
16QAM	829	20450	10	1	25	23.59	18.44	0.070
16QAM	829	20450	10	1	49	23.63	18.48	0.070
16QAM	829	20450	10	25	0	21.77	16.62	0.046
16QAM	829	20450	10	25	12	21.82	16.67	0.046
16QAM	829	20450	10	25	25	21.81	16.66	0.046
16QAM	829	20450	10	50	0	21.72	16.57	0.045
16QAM	836.5	20525	10	1	0	23.18	18.03	0.064
16QAM	836.5	20525	10	1	25	23.44	18.29	0.067
16QAM	836.5	20525	10	1	49	23.59	18.44	0.070
16QAM	836.5	20525	10	25	0	21.81	16.66	0.046
16QAM	836.5	20525	10	25	12	21.93	16.78	0.048
16QAM	836.5	20525	10	25	25	21.93	16.78	0.048
16QAM	836.5	20525	10	50	0	22.05	16.90	0.049
16QAM	844	20600	10	1	0	23.10	17.95	0.062
16QAM	844	20600	10	1	25	23.10	17.95	0.062
16QAM	844	20600	10	1	49	23.10	17.95	0.062
16QAM	844	20600	10	25	0	22.01	16.86	0.049
16QAM	844	20600	10	25	12	21.97	16.82	0.048
16QAM	844	20600	10	25	25	21.98	16.83	0.048
16QAM	844	20600	10	50	0	21.82	16.67	0.046
64QAM	829	20450	10	1	0	22.36	17.21	0.053
64QAM	829	20450	10	1	25	22.16	17.01	0.050
64QAM	829	20450	10	1	49	22.40	17.25	0.053
64QAM	829	20450	10	25	0	20.76	15.61	0.036
64QAM	829	20450	10	25	12	20.71	15.56	0.036
64QAM	829	20450	10	25	25	20.70	15.55	0.036
64QAM	829	20450	10	50	0	20.70	15.55	0.036
64QAM	836.5	20525	10	1	0	21.35	16.20	0.042
64QAM	836.5	20525	10	1	25	21.46	16.31	0.043
64QAM	836.5	20525	10	1	49	21.54	16.39	0.044
64QAM	836.5	20525	10	25	0	20.90	15.75	0.038
64QAM	836.5	20525	10	25	12	20.90	15.75	0.038
64QAM	836.5	20525	10	25	25	20.95	15.80	0.038
64QAM	836.5	20525	10	50	0	20.90	15.75	0.038
64QAM	844	20600	10	1	0	22.10	16.95	0.050
64QAM	844	20600	10	1	25	22.09	16.94	0.049
64QAM	844	20600	10	1	49	22.08	16.93	0.049
64QAM	844	20600	10	25	0	20.84	15.69	0.037
64QAM	844	20600	10	25	12	20.71	15.56	0.036
64QAM	844	20600	10	25	25	20.90	15.75	0.038
64QAM	844	20600	10	50	0	20.78	15.63	0.037

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conduct ed power (dBm)	ERP/ EIRP (dBm)	ERP/ EIRP (W)
QPSK	829	20450	10	1	0	23.48	18.33	0.068
QPSK	829	20450	10	1	25	23.32	18.17	0.066
QPSK	829	20450	10	1	49	23.42	18.27	0.067
QPSK	829	20450	10	25	0	22.93	17.78	0.060
QPSK	829	20450	10	25	12	22.83	17.68	0.059
QPSK	829	20450	10	25	25	22.85	17.70	0.059
QPSK	829	20450	10	50	0	22.80	17.65	0.058
QPSK	836.5	20525	10	1	0	23.48	18.33	0.068
QPSK	836.5	20525	10	1	25	23.59	18.44	0.070
QPSK	836.5	20525	10	1	49	23.60	18.45	0.070
QPSK	836.5	20525	10	25	0	22.80	17.65	0.058
QPSK	836.5	20525	10	25	12	22.90	17.75	0.060
QPSK	836.5	20525	10	25	25	22.96	17.81	0.060
QPSK	836.5	20525	10	50	0	22.94	17.79	0.060
QPSK	844	20600	10	1	0	23.40	18.25	0.067
QPSK	844	20600	10	1	25	23.33	18.18	0.066
QPSK	844	20600	10	1	49	23.36	18.21	0.066
QPSK	844	20600	10	25	0	22.95	17.80	0.060
QPSK	844	20600	10	25	12	22.78	17.63	0.058
QPSK	844	20600	10	25	25	22.82	17.67	0.058
QPSK	844	20600	10	50	0	22.86	17.71	0.059