

APPENDIX A – TEST DATA OF CONDUCTED EMISSION

LTE Band 7

1 RF Power Output

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2502.5	20775	5	1	0	22.58
16QAM	2502.5	20775	5	1	12	22.52
16QAM	2502.5	20775	5	1	24	22.60
16QAM	2502.5	20775	5	12	0	21.83
16QAM	2502.5	20775	5	12	7	21.86
16QAM	2502.5	20775	5	12	13	21.87
16QAM	2502.5	20775	5	25	0	21.89
16QAM	2535	21100	5	1	0	22.86
16QAM	2535	21100	5	1	12	22.85
16QAM	2535	21100	5	1	24	22.85
16QAM	2535	21100	5	12	0	21.51
16QAM	2535	21100	5	12	7	21.59
16QAM	2535	21100	5	12	13	21.59
16QAM	2535	21100	5	25	0	21.81
16QAM	2567.5	21425	5	1	0	22.35
16QAM	2567.5	21425	5	1	12	22.30
16QAM	2567.5	21425	5	1	24	22.31
16QAM	2567.5	21425	5	12	0	21.60
16QAM	2567.5	21425	5	12	7	21.57
16QAM	2567.5	21425	5	12	13	21.63
16QAM	2567.5	21425	5	25	0	21.70
64QAM	2502.5	20775	5	1	0	21.49
64QAM	2502.5	20775	5	1	12	21.43
64QAM	2502.5	20775	5	1	24	21.41
64QAM	2502.5	20775	5	12	0	21.06
64QAM	2502.5	20775	5	12	7	21.02
64QAM	2502.5	20775	5	12	13	20.81
64QAM	2502.5	20775	5	25	0	20.99
64QAM	2535	21100	5	1	0	22.14
64QAM	2535	21100	5	1	12	22.04
64QAM	2535	21100	5	1	24	22.13
64QAM	2535	21100	5	12	0	21.08
64QAM	2535	21100	5	12	7	20.70
64QAM	2535	21100	5	12	13	20.68
64QAM	2535	21100	5	25	0	20.84
64QAM	2567.5	21425	5	1	0	21.62
64QAM	2567.5	21425	5	1	12	21.74
64QAM	2567.5	21425	5	1	24	21.67
64QAM	2567.5	21425	5	12	0	20.60
64QAM	2567.5	21425	5	12	7	20.60
64QAM	2567.5	21425	5	12	13	20.57

64QAM	2567.5	21425	5	25	0	20.73
-------	--------	-------	---	----	---	-------

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2502.5	20775	5	1	0	23.12
QPSK	2502.5	20775	5	1	12	23.12
QPSK	2502.5	20775	5	1	24	23.26
QPSK	2502.5	20775	5	12	0	22.79
QPSK	2502.5	20775	5	12	7	22.86
QPSK	2502.5	20775	5	12	13	22.77
QPSK	2502.5	20775	5	25	0	22.86
QPSK	2535	21100	5	1	0	23.05
QPSK	2535	21100	5	1	12	23.03
QPSK	2535	21100	5	1	24	23.01
QPSK	2535	21100	5	12	0	22.76
QPSK	2535	21100	5	12	7	22.74
QPSK	2535	21100	5	12	13	22.72
QPSK	2535	21100	5	25	0	22.72
QPSK	2567.5	21425	5	1	0	23.33
QPSK	2567.5	21425	5	1	12	23.31
QPSK	2567.5	21425	5	1	24	23.31
QPSK	2567.5	21425	5	12	0	22.57
QPSK	2567.5	21425	5	12	7	22.56
QPSK	2567.5	21425	5	12	13	22.50
QPSK	2567.5	21425	5	25	0	22.53

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2505	20800	10	1	0	23.53
16QAM	2505	20800	10	1	25	23.57
16QAM	2505	20800	10	1	49	23.42
16QAM	2505	20800	10	25	0	21.85
16QAM	2505	20800	10	25	12	21.92
16QAM	2505	20800	10	25	25	21.72
16QAM	2505	20800	10	50	0	21.82
16QAM	2535	21100	10	1	0	23.04
16QAM	2535	21100	10	1	25	23.07
16QAM	2535	21100	10	1	49	23.06
16QAM	2535	21100	10	25	0	21.70
16QAM	2535	21100	10	25	12	21.68
16QAM	2535	21100	10	25	25	21.61
16QAM	2535	21100	10	50	0	21.68
16QAM	2565	21400	10	1	0	22.87
16QAM	2565	21400	10	1	25	22.71
16QAM	2565	21400	10	1	49	22.74
16QAM	2565	21400	10	25	0	21.69
16QAM	2565	21400	10	25	12	21.59
16QAM	2565	21400	10	25	25	21.68
16QAM	2565	21400	10	50	0	21.54
64QAM	2505	20800	10	1	0	22.31
64QAM	2505	20800	10	1	25	22.33
64QAM	2505	20800	10	1	49	22.30
64QAM	2505	20800	10	25	0	20.73
64QAM	2505	20800	10	25	12	20.81
64QAM	2505	20800	10	25	25	20.74
64QAM	2505	20800	10	50	0	20.85
64QAM	2535	21100	10	1	0	21.42
64QAM	2535	21100	10	1	25	21.39
64QAM	2535	21100	10	1	49	21.34
64QAM	2535	21100	10	25	0	21.42
64QAM	2535	21100	10	25	12	20.80
64QAM	2535	21100	10	25	25	20.74
64QAM	2535	21100	10	50	0	20.51
64QAM	2565	21400	10	1	0	21.90
64QAM	2565	21400	10	1	25	21.91
64QAM	2565	21400	10	1	49	21.91
64QAM	2565	21400	10	25	0	20.65
64QAM	2565	21400	10	25	12	20.52
64QAM	2565	21400	10	25	25	20.54
64QAM	2565	21400	10	50	0	20.62

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2505	20800	10	1	0	23.32
QPSK	2505	20800	10	1	25	23.34
QPSK	2505	20800	10	1	49	23.21
QPSK	2505	20800	10	25	0	22.66
QPSK	2505	20800	10	25	12	22.70
QPSK	2505	20800	10	25	25	22.64
QPSK	2505	20800	10	50	0	22.71
QPSK	2535	21100	10	1	0	23.10
QPSK	2535	21100	10	1	25	23.15
QPSK	2535	21100	10	1	49	23.27
QPSK	2535	21100	10	25	0	22.48
QPSK	2535	21100	10	25	12	22.44
QPSK	2535	21100	10	25	25	22.55
QPSK	2535	21100	10	50	0	22.56
QPSK	2565	21400	10	1	0	22.89
QPSK	2565	21400	10	1	25	22.73
QPSK	2565	21400	10	1	49	22.75
QPSK	2565	21400	10	25	0	22.50
QPSK	2565	21400	10	25	12	22.38
QPSK	2565	21400	10	25	25	22.44
QPSK	2565	21400	10	50	0	22.38

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2507.5	20825	15	1	0	23.51
16QAM	2507.5	20825	15	1	37	23.36
16QAM	2507.5	20825	15	1	74	23.34
16QAM	2507.5	20825	15	36	0	21.68
16QAM	2507.5	20825	15	36	29	21.52
16QAM	2507.5	20825	15	36	30	21.51
16QAM	2507.5	20825	15	75	0	21.69
16QAM	2535	21100	15	1	0	22.93
16QAM	2535	21100	15	1	37	23.09
16QAM	2535	21100	15	1	74	23.02
16QAM	2535	21100	15	36	0	21.57
16QAM	2535	21100	15	36	29	21.63
16QAM	2535	21100	15	36	30	21.64
16QAM	2535	21100	15	75	0	21.64
16QAM	2562.5	21375	15	1	0	22.50
16QAM	2562.5	21375	15	1	37	22.45
16QAM	2562.5	21375	15	1	74	22.42
16QAM	2562.5	21375	15	36	0	21.56
16QAM	2562.5	21375	15	36	29	21.51
16QAM	2562.5	21375	15	36	30	21.52
16QAM	2562.5	21375	15	75	0	21.59
64QAM	2507.5	20825	15	1	0	22.27
64QAM	2507.5	20825	15	1	37	22.15
64QAM	2507.5	20825	15	1	74	22.14
64QAM	2507.5	20825	15	36	0	20.72
64QAM	2507.5	20825	15	36	29	20.51
64QAM	2507.5	20825	15	36	30	20.64
64QAM	2507.5	20825	15	75	0	20.60
64QAM	2535	21100	15	1	0	21.20
64QAM	2535	21100	15	1	37	21.28
64QAM	2535	21100	15	1	74	21.34
64QAM	2535	21100	15	36	0	20.76
64QAM	2535	21100	15	36	29	20.68
64QAM	2535	21100	15	36	30	20.72
64QAM	2535	21100	15	75	0	20.64
64QAM	2562.5	21375	15	1	0	22.11
64QAM	2562.5	21375	15	1	37	22.04
64QAM	2562.5	21375	15	1	74	21.85
64QAM	2562.5	21375	15	36	0	20.60
64QAM	2562.5	21375	15	36	29	20.50
64QAM	2562.5	21375	15	36	30	20.52
64QAM	2562.5	21375	15	75	0	20.55

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2507.5	20825	15	1	0	23.22
QPSK	2507.5	20825	15	1	37	23.13
QPSK	2507.5	20825	15	1	74	23.07
QPSK	2507.5	20825	15	36	0	22.63
QPSK	2507.5	20825	15	36	29	22.44
QPSK	2507.5	20825	15	36	30	22.45
QPSK	2507.5	20825	15	75	0	22.54
QPSK	2535	21100	15	1	0	22.97
QPSK	2535	21100	15	1	37	23.02
QPSK	2535	21100	15	1	74	23.05
QPSK	2535	21100	15	36	0	22.42
QPSK	2535	21100	15	36	29	22.46
QPSK	2535	21100	15	36	30	22.46
QPSK	2535	21100	15	75	0	22.42
QPSK	2562.5	21375	15	1	0	22.96
QPSK	2562.5	21375	15	1	37	22.92
QPSK	2562.5	21375	15	1	74	22.87
QPSK	2562.5	21375	15	36	0	22.38
QPSK	2562.5	21375	15	36	29	22.27
QPSK	2562.5	21375	15	36	30	22.26
QPSK	2562.5	21375	15	75	0	22.36

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
16QAM	2510	20850	20	1	0	23.16
16QAM	2510	20850	20	1	49	22.98
16QAM	2510	20850	20	1	99	23.09
16QAM	2510	20850	20	50	0	21.70
16QAM	2510	20850	20	50	24	21.63
16QAM	2510	20850	20	50	50	21.51
16QAM	2510	20850	20	100	0	21.60
16QAM	2535	21100	20	1	0	22.84
16QAM	2535	21100	20	1	49	22.78
16QAM	2535	21100	20	1	99	22.92
16QAM	2535	21100	20	50	0	21.67
16QAM	2535	21100	20	50	24	21.58
16QAM	2535	21100	20	50	50	21.63
16QAM	2535	21100	20	100	0	21.57
16QAM	2560	21350	20	1	0	22.83
16QAM	2560	21350	20	1	49	22.80
16QAM	2560	21350	20	1	99	22.76
16QAM	2560	21350	20	50	0	21.67
16QAM	2560	21350	20	50	24	21.51
16QAM	2560	21350	20	50	50	21.47
16QAM	2560	21350	20	100	0	21.53
64QAM	2510	20850	20	1	0	22.47
64QAM	2510	20850	20	1	49	22.47
64QAM	2510	20850	20	1	99	22.39
64QAM	2510	20850	20	50	0	20.77
64QAM	2510	20850	20	50	24	20.72
64QAM	2510	20850	20	50	50	20.70
64QAM	2510	20850	20	100	0	20.61
64QAM	2535	21100	20	1	0	22.15
64QAM	2535	21100	20	1	49	22.30
64QAM	2535	21100	20	1	99	22.22
64QAM	2535	21100	20	50	0	20.56
64QAM	2535	21100	20	50	24	20.48
64QAM	2535	21100	20	50	50	20.53
64QAM	2535	21100	20	100	0	20.63
64QAM	2560	21350	20	1	0	22.87
64QAM	2560	21350	20	1	49	22.71
64QAM	2560	21350	20	1	99	22.64
64QAM	2560	21350	20	50	0	20.66
64QAM	2560	21350	20	50	24	20.65
64QAM	2560	21350	20	50	50	20.52
64QAM	2560	21350	20	100	0	20.61

Modulation	Carrier frequency (MHz)	UL Channel	BW	RB Size	RB Offset	Conducted power (dBm)
QPSK	2510	20850	20	1	0	22.98
QPSK	2510	20850	20	1	49	22.94
QPSK	2510	20850	20	1	99	23.01
QPSK	2510	20850	20	50	0	22.54
QPSK	2510	20850	20	50	24	22.41
QPSK	2510	20850	20	50	50	22.46
QPSK	2510	20850	20	100	0	22.36
QPSK	2535	21100	20	1	0	23.00
QPSK	2535	21100	20	1	49	23.01
QPSK	2535	21100	20	1	99	23.06
QPSK	2535	21100	20	50	0	22.47
QPSK	2535	21100	20	50	24	22.50
QPSK	2535	21100	20	50	50	22.42
QPSK	2535	21100	20	100	0	22.48
QPSK	2560	21350	20	1	0	22.80
QPSK	2560	21350	20	1	49	22.88
QPSK	2560	21350	20	1	99	22.74
QPSK	2560	21350	20	50	0	22.53
QPSK	2560	21350	20	50	24	22.42
QPSK	2560	21350	20	50	50	22.31
QPSK	2560	21350	20	100	0	22.45

2 Occupied Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
7	QPSK	2502.5	20775	5	25	0	4.472	Fig.1
7	QPSK	2535	21100	5	25	0	4.472	Fig.2
7	QPSK	2567.5	21425	5	25	0	4.472	Fig.3
7	QPSK	2505	20800	10	50	0	8.944	Fig.4
7	QPSK	2535	21100	10	50	0	8.944	Fig.5
7	QPSK	2565	21400	10	50	0	8.944	Fig.6
7	QPSK	2507.5	20825	15	75	0	13.415	Fig.7
7	QPSK	2535	21100	15	75	0	13.415	Fig.8
7	QPSK	2562.5	21375	15	75	0	13.415	Fig.9
7	QPSK	2510	20850	20	100	0	17.887	Fig.10
7	QPSK	2535	21100	20	100	0	17.887	Fig.11
7	QPSK	2560	21350	20	100	0	17.887	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
7	16QAM	2502.5	20775	5	25	0	4.472	Fig.13
7	16QAM	2535	21100	5	25	0	4.472	Fig.14
7	16QAM	2567.5	21425	5	25	0	4.472	Fig.15
7	16QAM	2505	20800	10	50	0	8.944	Fig.16
7	16QAM	2535	21100	10	50	0	8.944	Fig.17
7	16QAM	2565	21400	10	50	0	8.944	Fig.18
7	16QAM	2507.5	20825	15	75	0	13.415	Fig.19
7	16QAM	2535	21100	15	75	0	13.415	Fig.20
7	16QAM	2562.5	21375	15	75	0	13.415	Fig.21
7	16QAM	2510	20850	20	100	0	17.887	Fig.22
7	16QAM	2535	21100	20	100	0	17.887	Fig.23
7	16QAM	2560	21350	20	100	0	17.887	Fig.24

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of 99% Power (MHz)	
7	64QAM	2502.5	20775	5	25	0	4.472	Fig.25
7	64QAM	2535	21100	5	25	0	4.472	Fig.26
7	64QAM	2567.5	21425	5	25	0	4.472	Fig.27
7	64QAM	2505	20800	10	50	0	8.944	Fig.28
7	64QAM	2535	21100	10	50	0	8.944	Fig.29
7	64QAM	2565	21400	10	50	0	8.944	Fig.30
7	64QAM	2507.5	20825	15	75	0	13.415	Fig.31
7	64QAM	2535	21100	15	75	0	13.415	Fig.32
7	64QAM	2562.5	21375	15	75	0	13.415	Fig.33
7	64QAM	2510	20850	20	100	0	17.887	Fig.34
7	64QAM	2535	21100	20	100	0	17.887	Fig.35
7	64QAM	2560	21350	20	100	0	17.887	Fig.36

Test Mode: QPSK

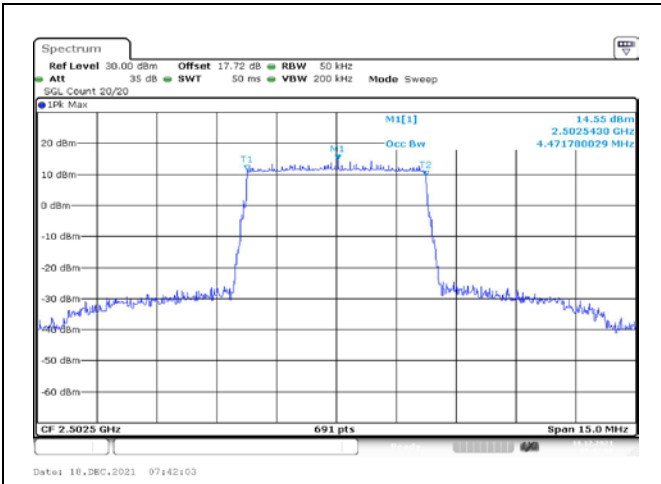


Fig.1

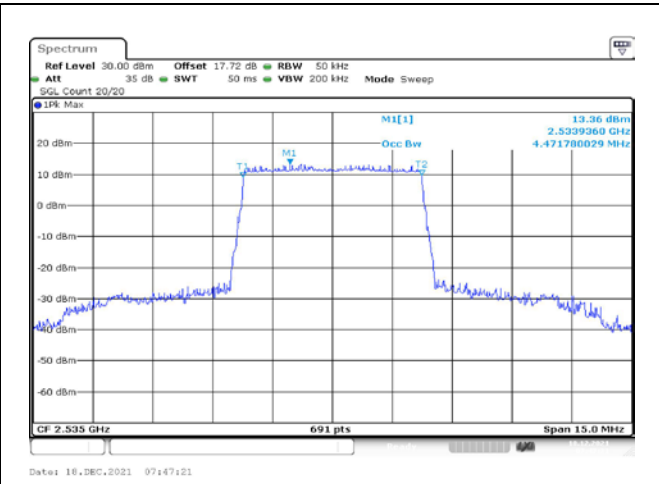


Fig.2

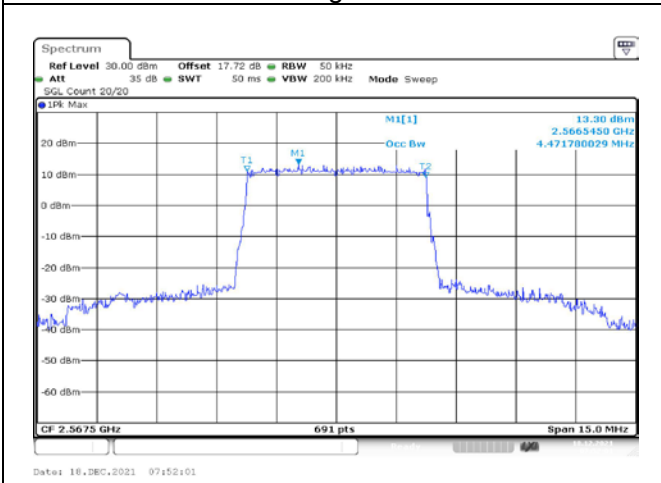


Fig.3

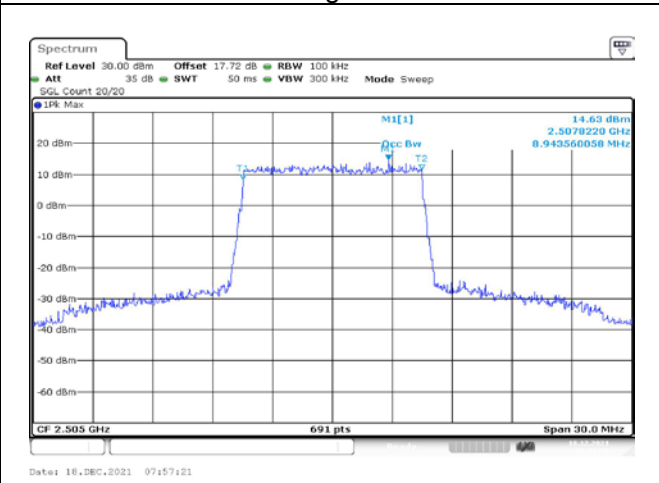


Fig.4

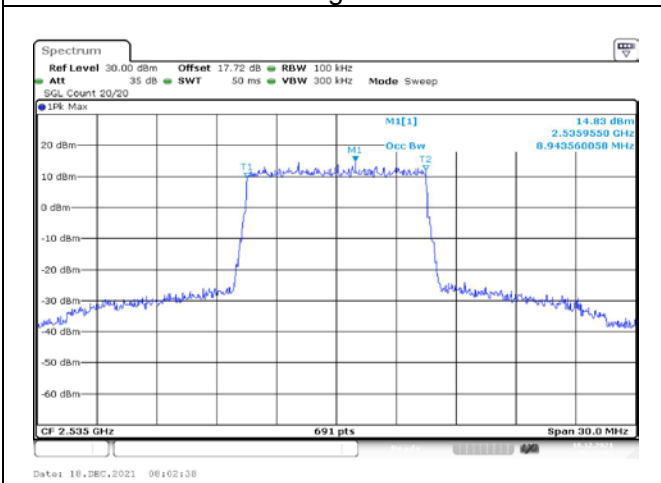


Fig.5

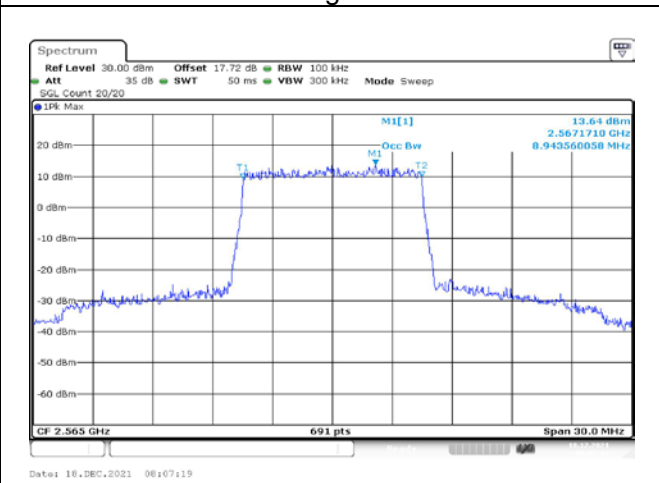


Fig.6

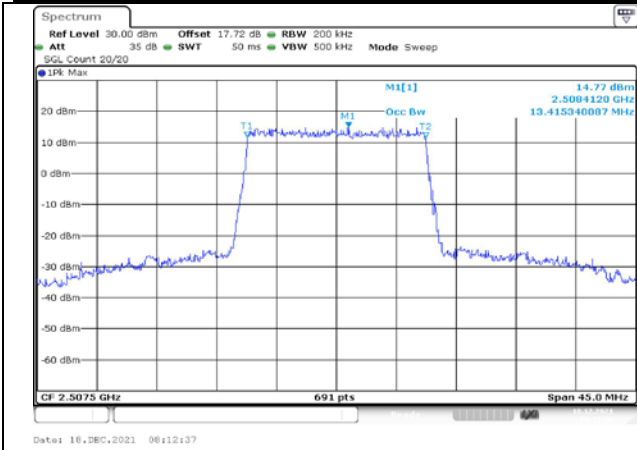


Fig.7

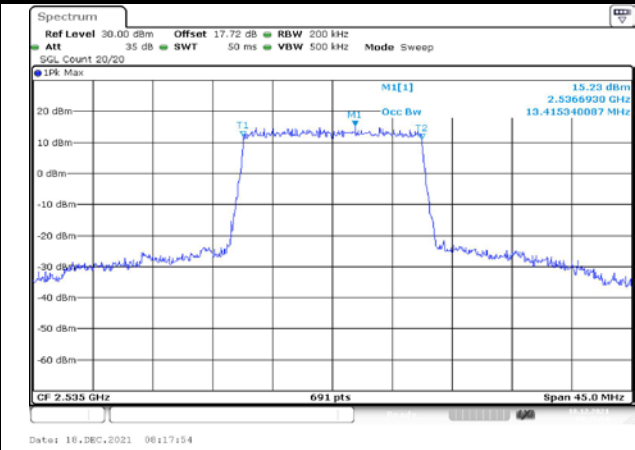


Fig.8

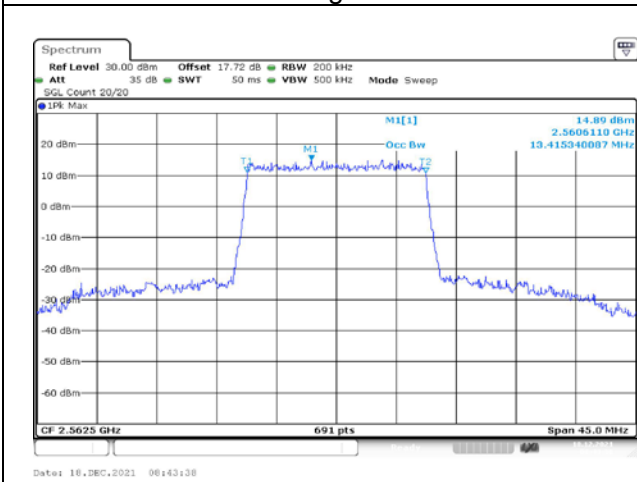


Fig.9

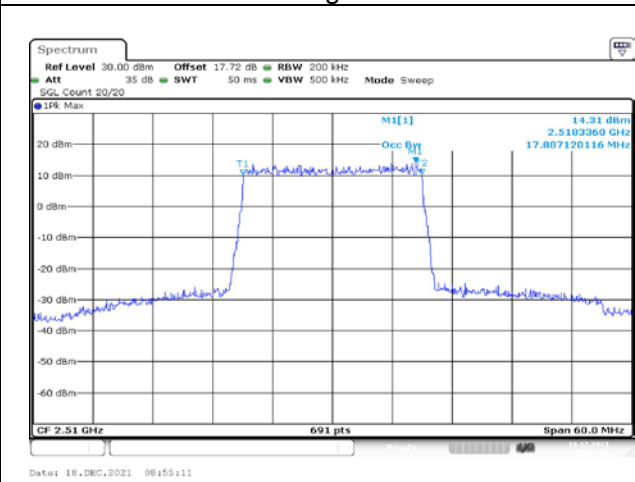


Fig.10

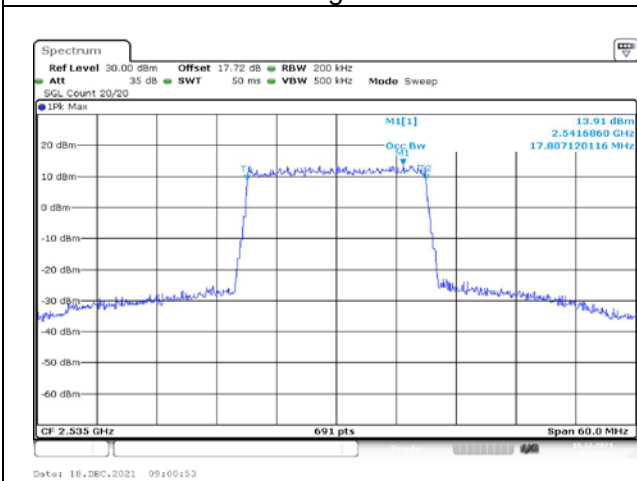


Fig.11

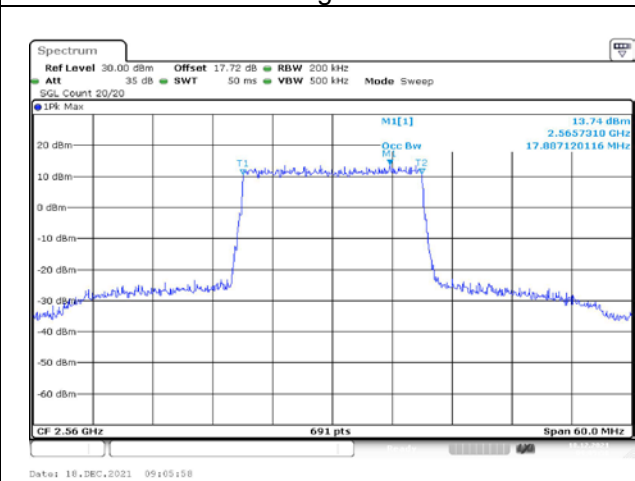


Fig.12

Test Mode: 16QAM

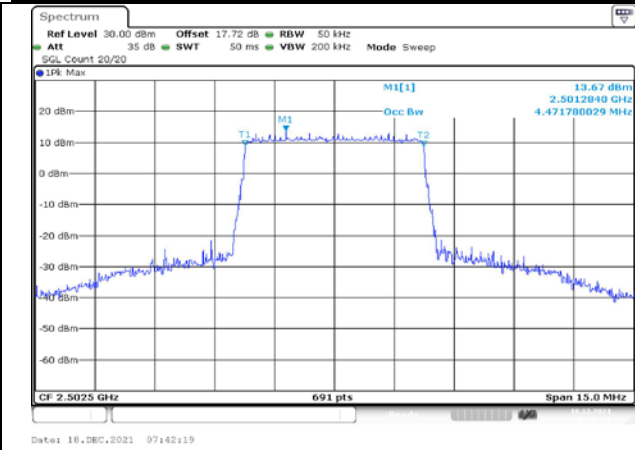


Fig.13

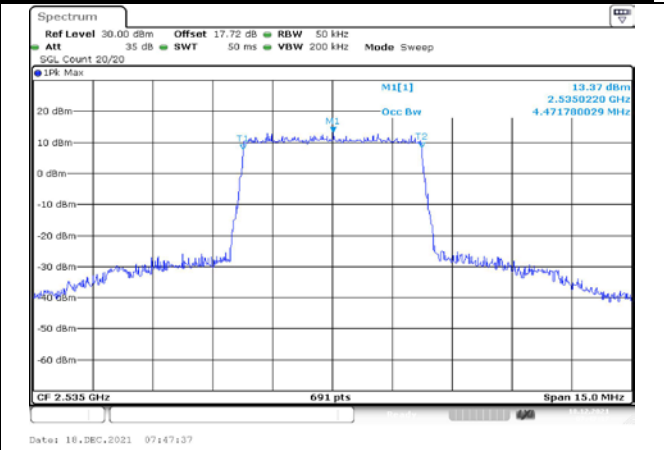


Fig.14

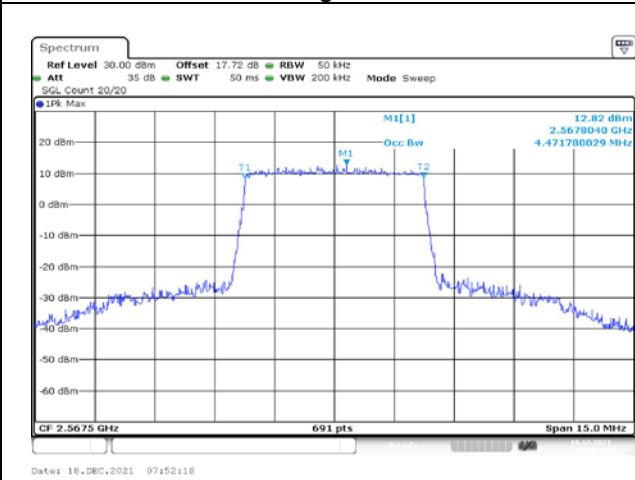


Fig.15

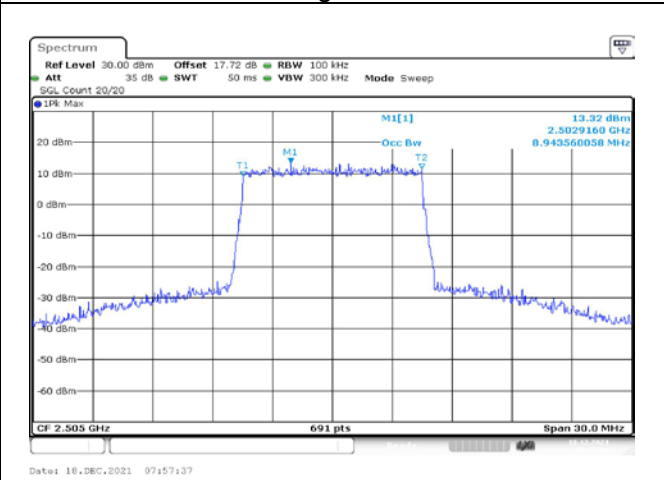


Fig.16

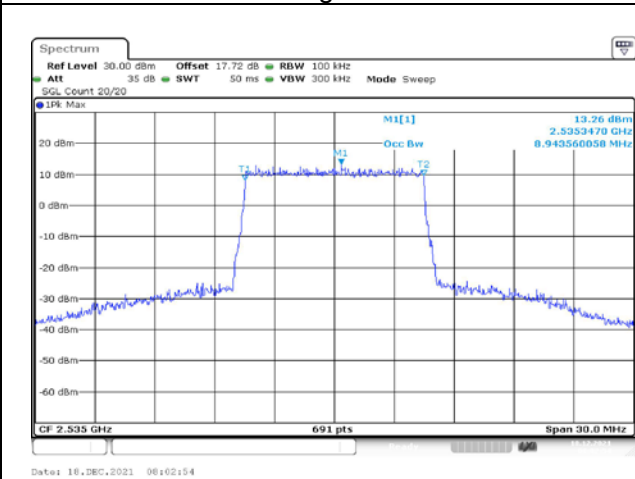


Fig.17

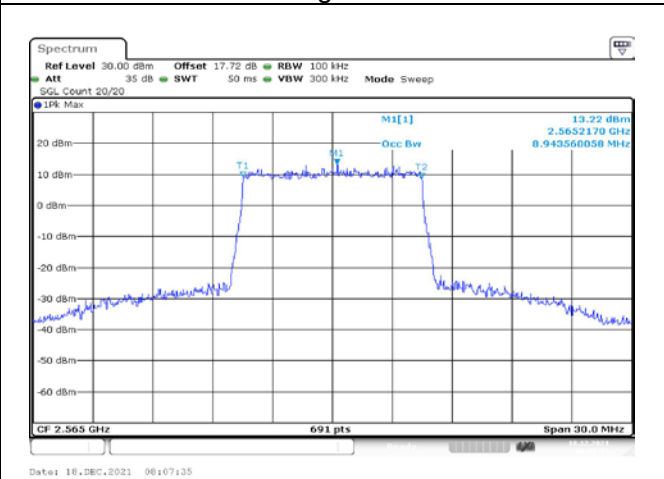


Fig.18

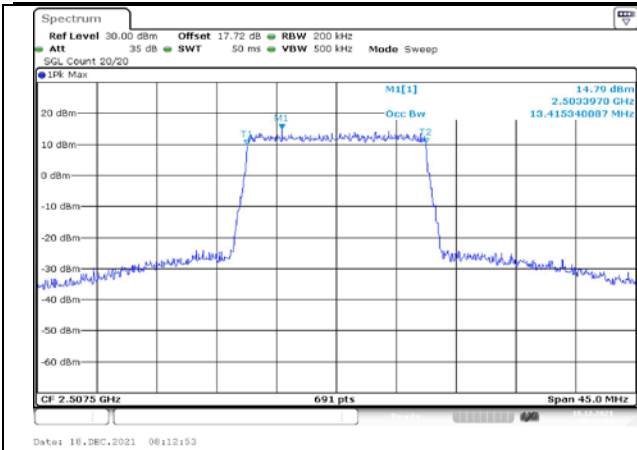


Fig.19

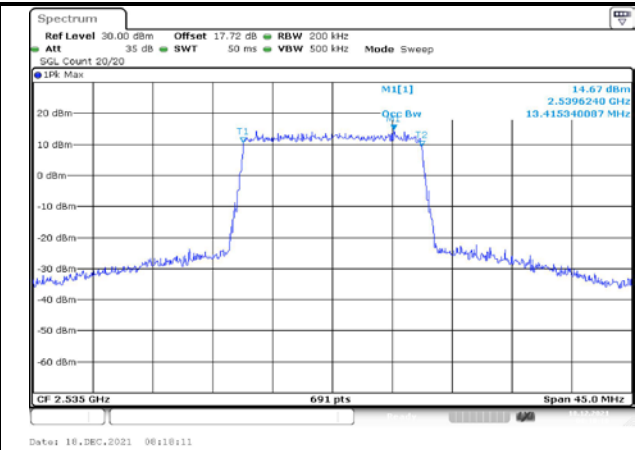


Fig.20

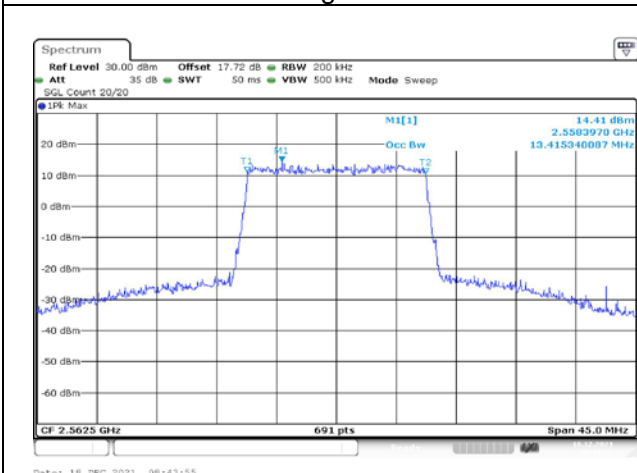


Fig.21

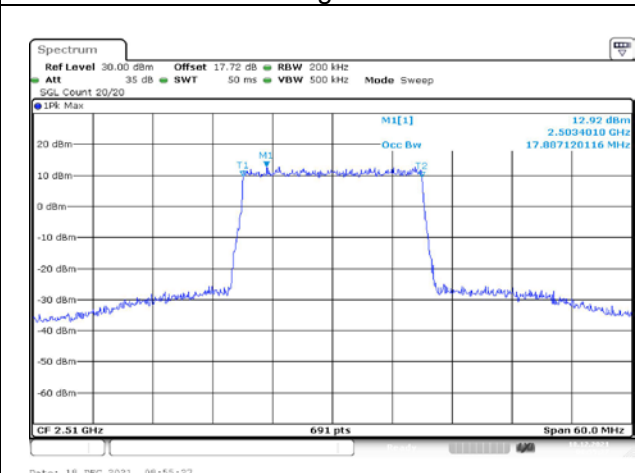


Fig.22

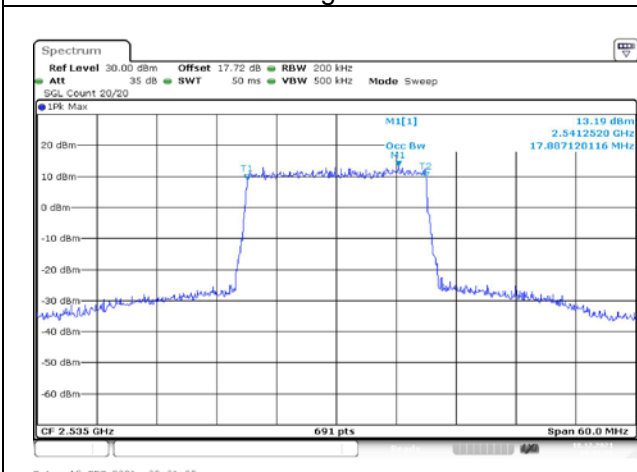


Fig.23

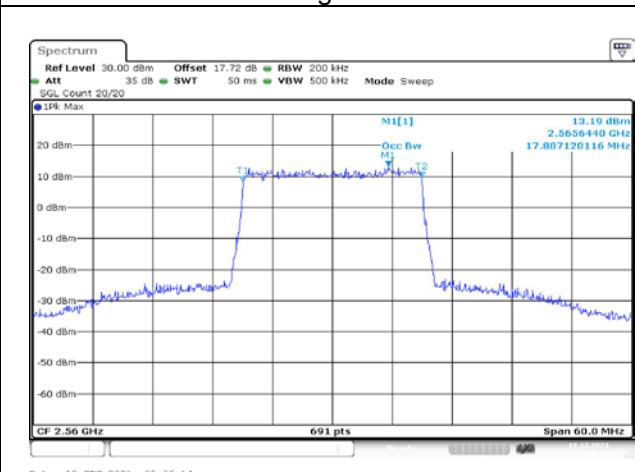


Fig.24

Test Mode: 64QAM

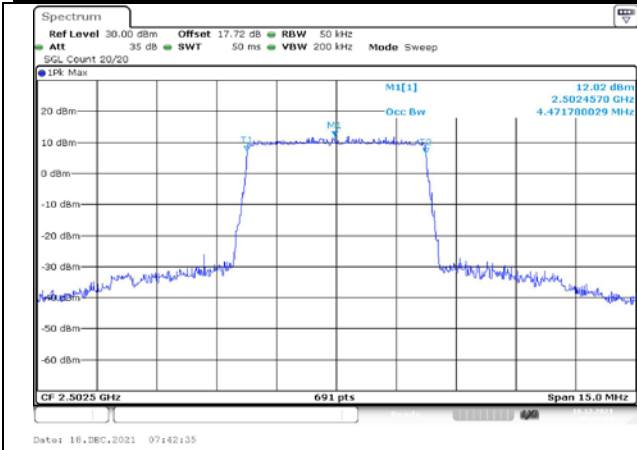


Fig.25

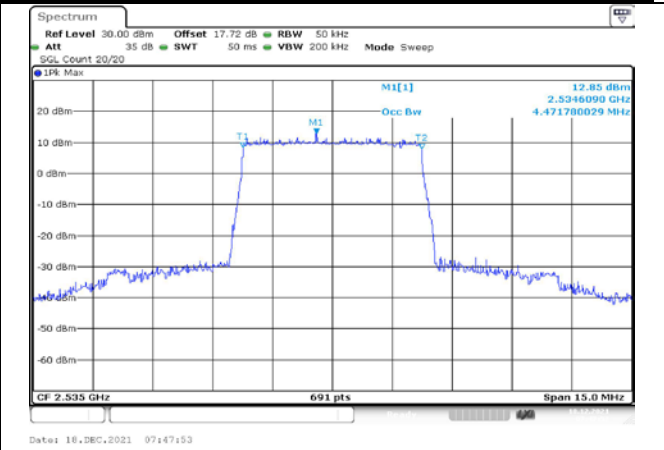


Fig.26

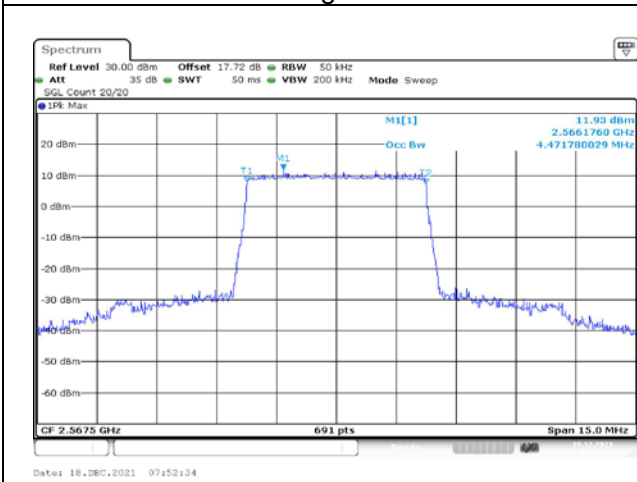


Fig.27

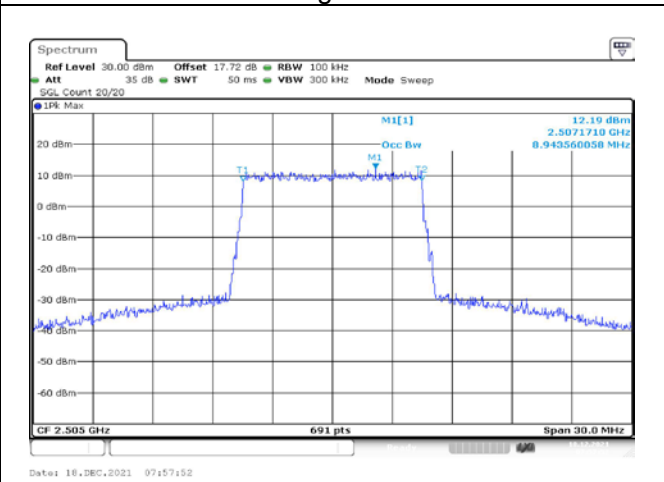


Fig.28

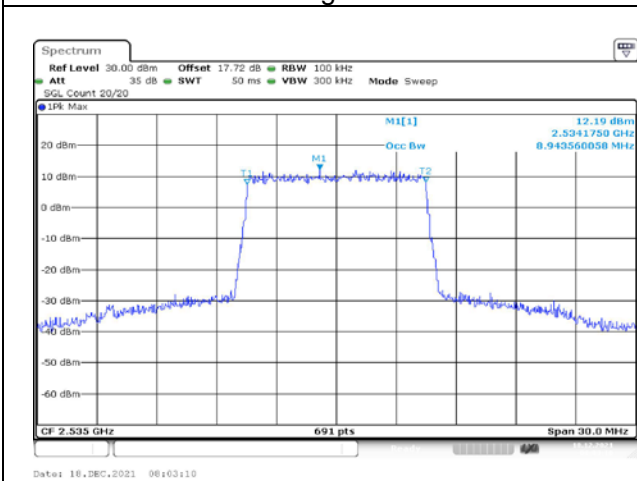


Fig.29

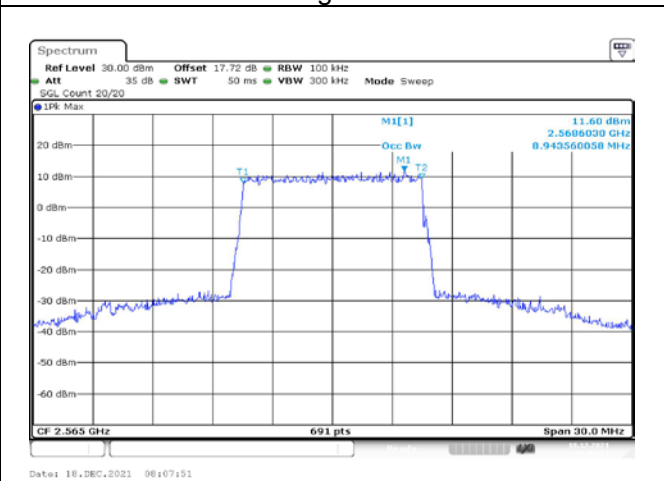


Fig.30

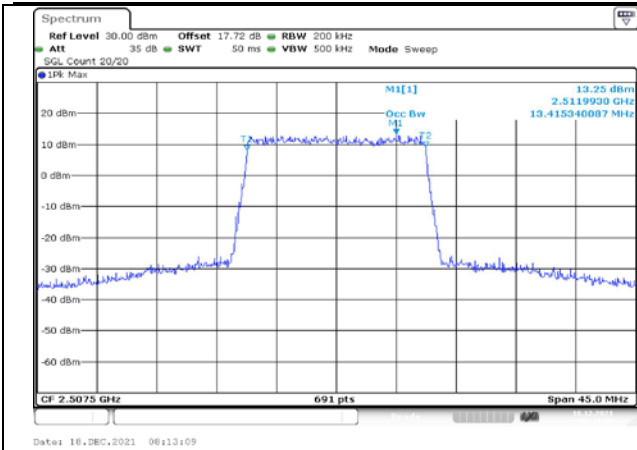


Fig.31

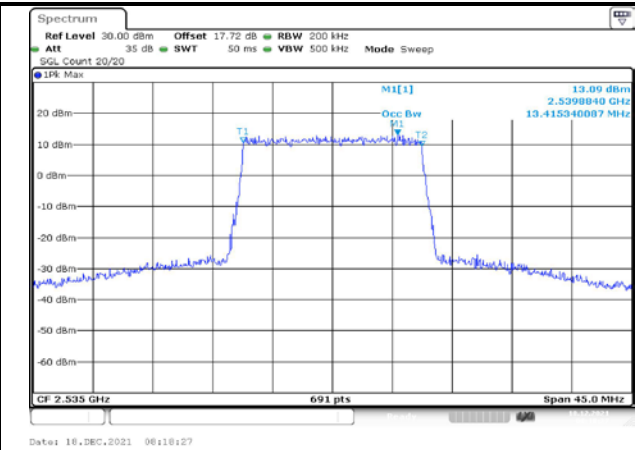


Fig.32

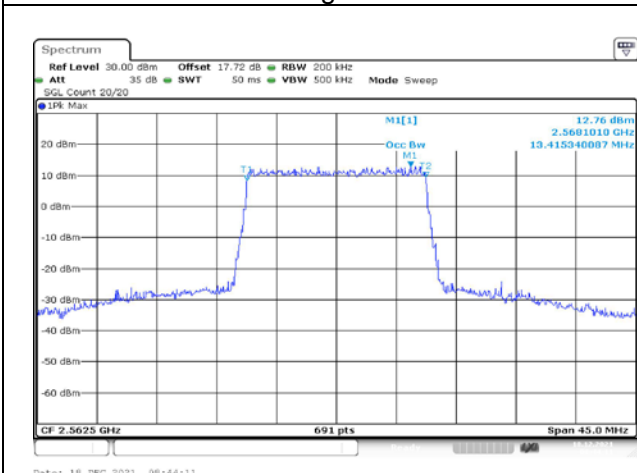


Fig.33

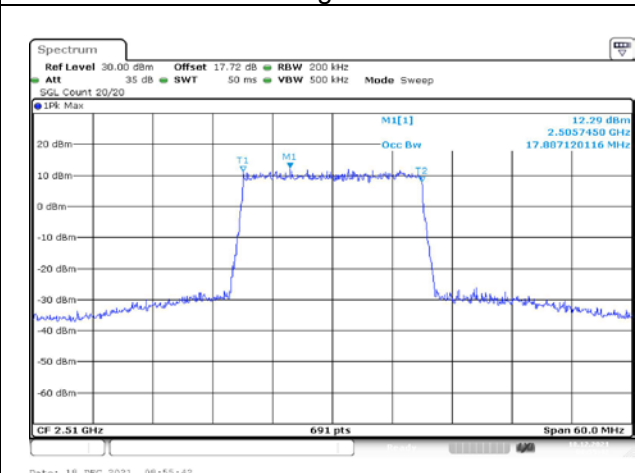


Fig.34

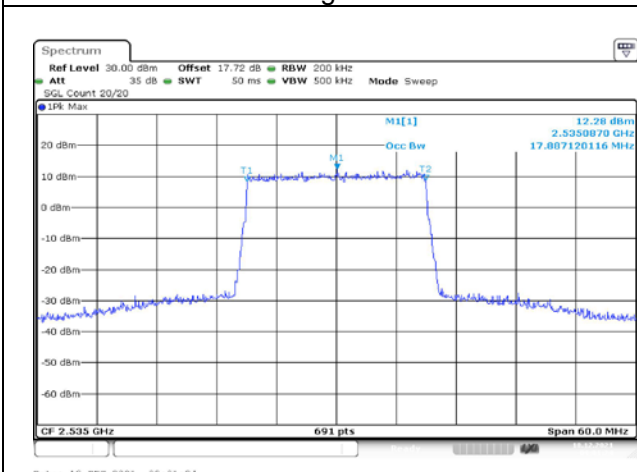


Fig.35

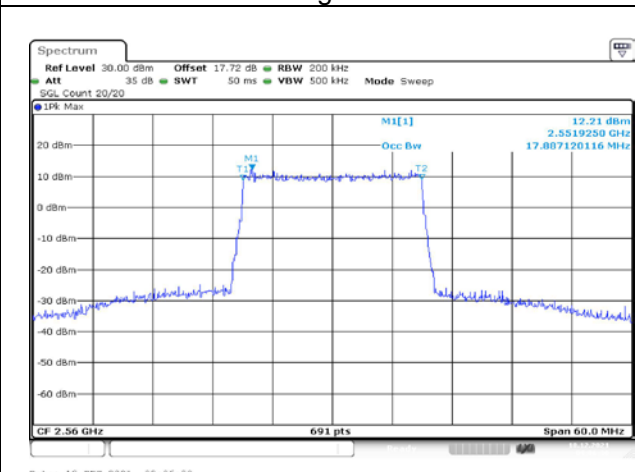


Fig.36

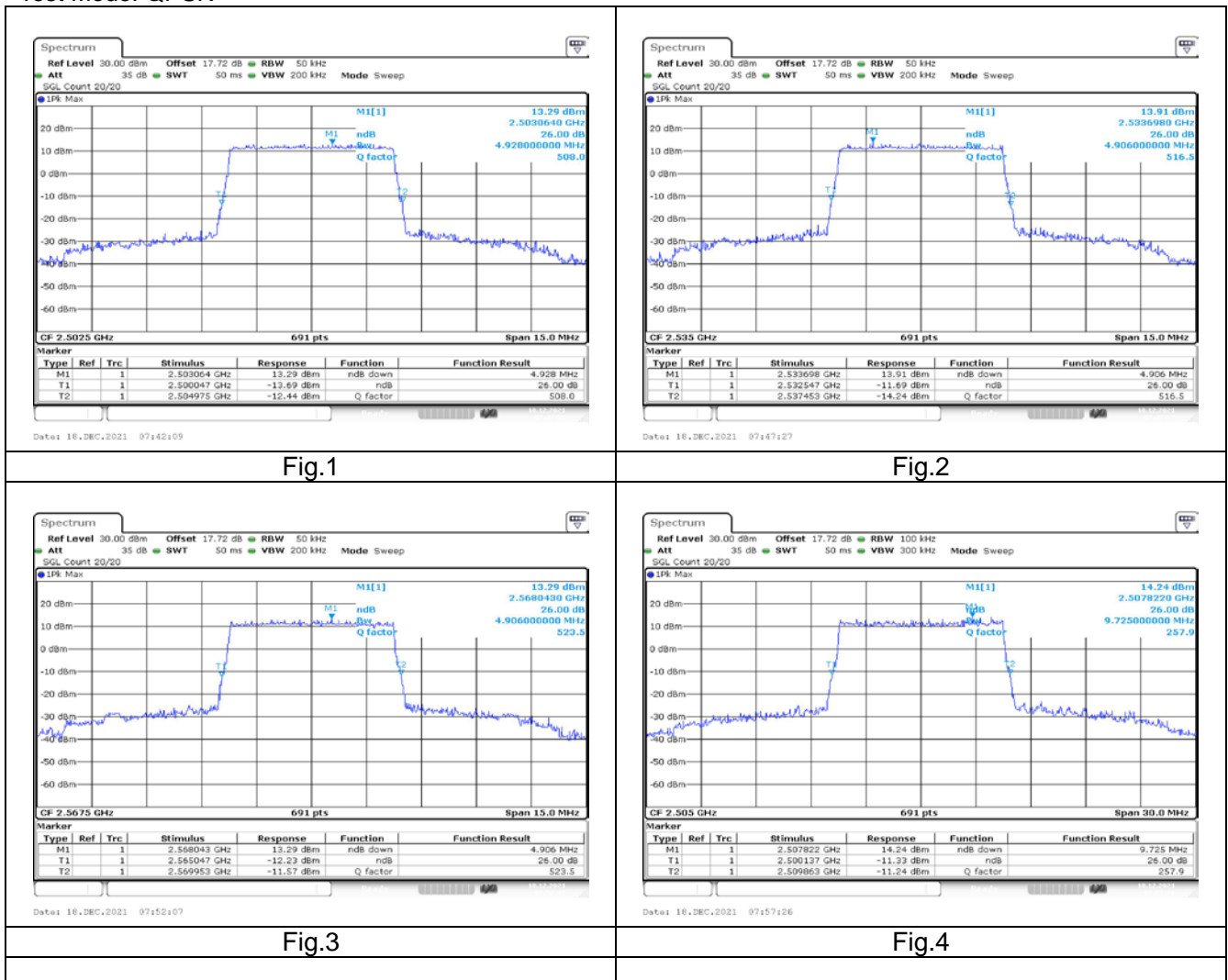
3 Emission Bandwidth

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
7	QPSK	2502.5	20775	5	25	0	4.928	Fig.1
7	QPSK	2535	21100	5	25	0	4.906	Fig.2
7	QPSK	2567.5	21425	5	25	0	4.906	Fig.3
7	QPSK	2505	20800	10	50	0	9.725	Fig.4
7	QPSK	2535	21100	10	50	0	9.682	Fig.5
7	QPSK	2565	21400	10	50	0	9.638	Fig.6
7	QPSK	2507.5	20825	15	75	0	14.783	Fig.7
7	QPSK	2535	21100	15	75	0	14.653	Fig.8
7	QPSK	2562.5	21375	15	75	0	14.718	Fig.9
7	QPSK	2510	20850	20	100	0	19.363	Fig.10
7	QPSK	2535	21100	20	100	0	19.276	Fig.11
7	QPSK	2560	21350	20	100	0	19.450	Fig.12

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
7	16QAM	2502.5	20775	5	25	0	4.863	Fig.13
7	16QAM	2535	21100	5	25	0	4.863	Fig.14
7	16QAM	2567.5	21425	5	25	0	4.841	Fig.15
7	16QAM	2505	20800	10	50	0	9.768	Fig.16
7	16QAM	2535	21100	10	50	0	9.595	Fig.17
7	16QAM	2565	21400	10	50	0	9.551	Fig.18
7	16QAM	2507.5	20825	15	75	0	14.718	Fig.19
7	16QAM	2535	21100	15	75	0	14.653	Fig.20
7	16QAM	2562.5	21375	15	75	0	14.718	Fig.21
7	16QAM	2510	20850	20	100	0	19.363	Fig.22
7	16QAM	2535	21100	20	100	0	19.276	Fig.23
7	16QAM	2560	21350	20	100	0	19.276	Fig.24

Band	Mode	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	Bandwidth of -26dB transmitter power (MHz)	
7	64QAM	2502.5	20775	5	25	0	4.884	Fig.25
7	64QAM	2535	21100	5	25	0	4.928	Fig.26
7	64QAM	2567.5	21425	5	25	0	4.841	Fig.27
7	64QAM	2505	20800	10	50	0	9.682	Fig.28
7	64QAM	2535	21100	10	50	0	9.682	Fig.29
7	64QAM	2565	21400	10	50	0	9.725	Fig.30
7	64QAM	2507.5	20825	15	75	0	14.653	Fig.31
7	64QAM	2535	21100	15	75	0	14.783	Fig.32
7	64QAM	2562.5	21375	15	75	0	14.653	Fig.33
7	64QAM	2510	20850	20	100	0	19.450	Fig.34
7	64QAM	2535	21100	20	100	0	19.363	Fig.35
7	64QAM	2560	21350	20	100	0	19.537	Fig.36

Test Mode: QPSK



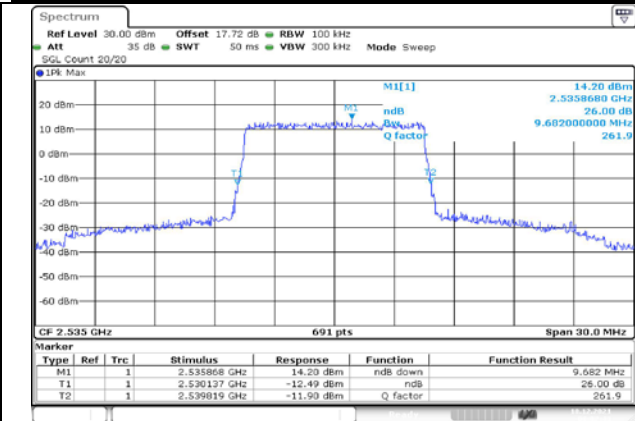


Fig.5

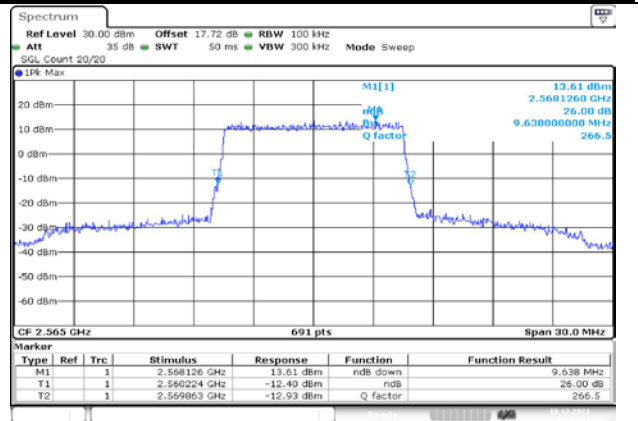


Fig.6

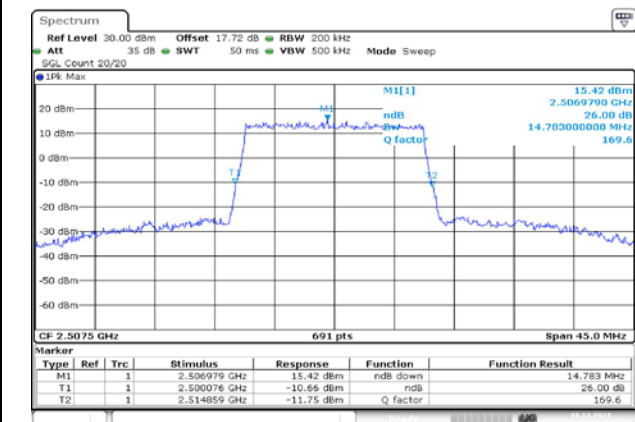


Fig.7

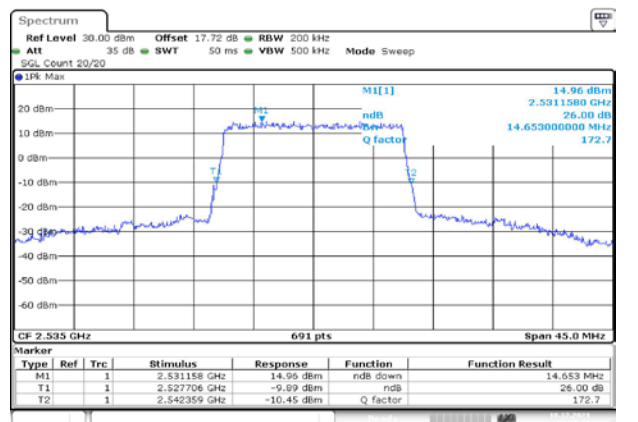


Fig.8

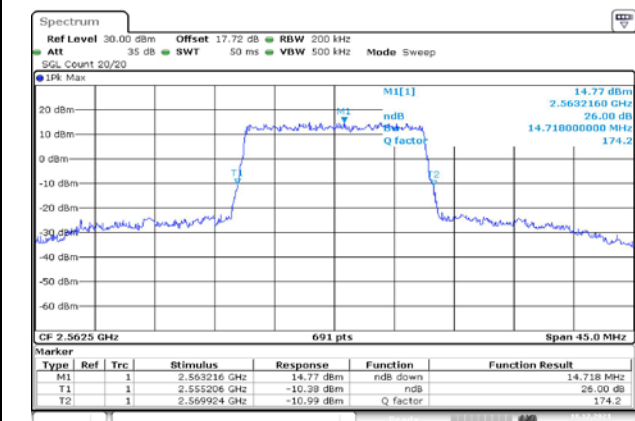


Fig.9

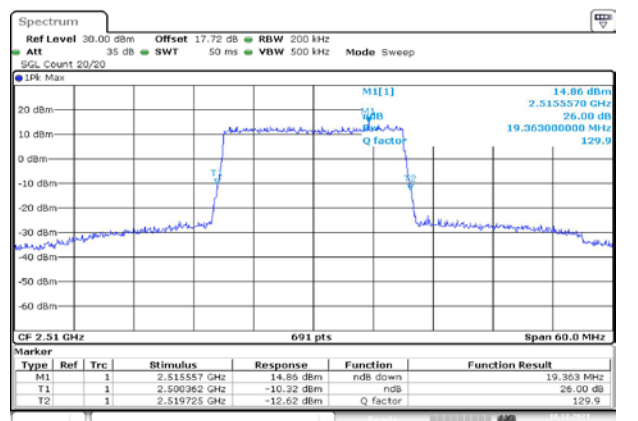


Fig.10

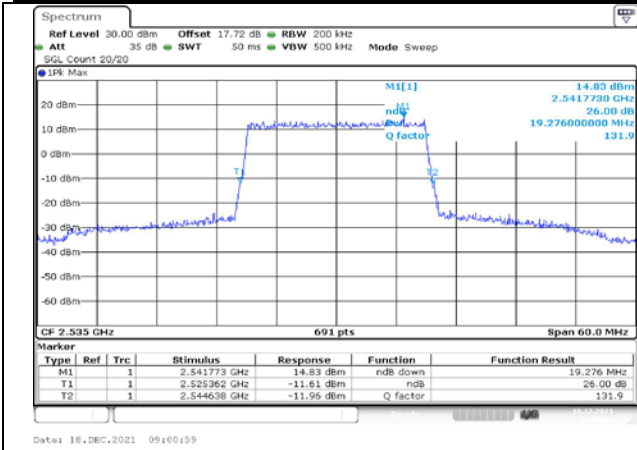


Fig.11

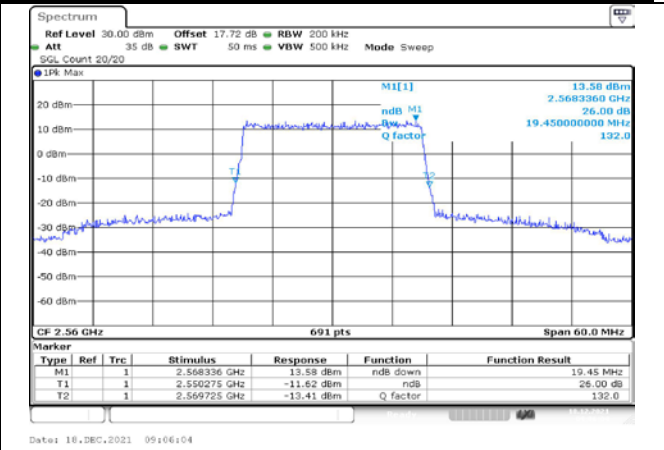


Fig.12

Test Mode: 16QAM

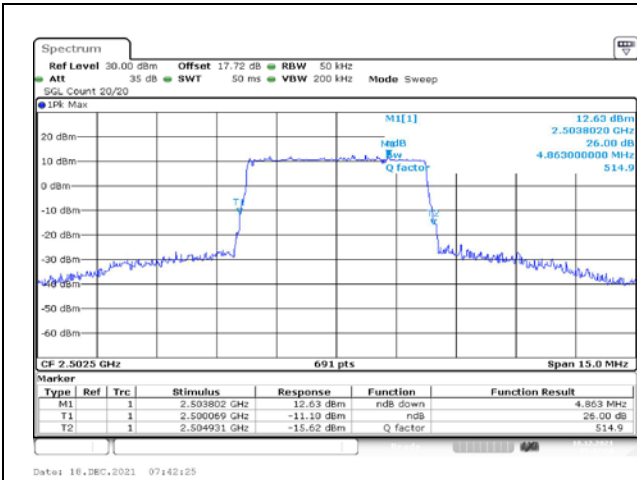


Fig.13

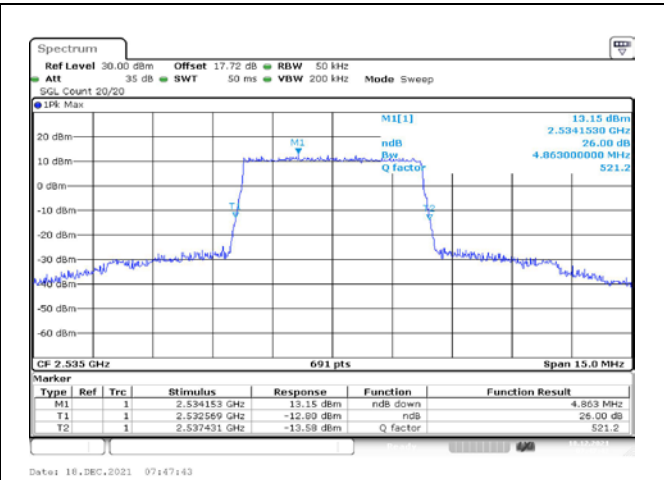


Fig.14

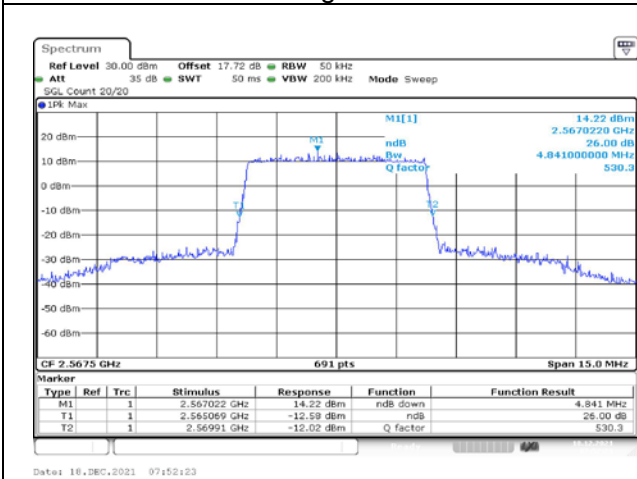


Fig.15

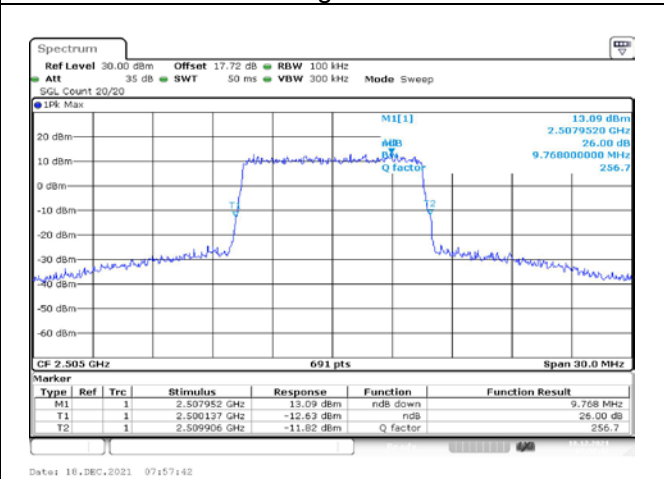


Fig.16

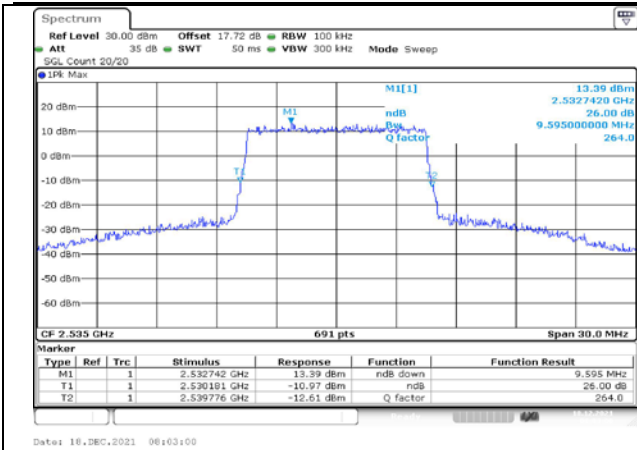


Fig.17

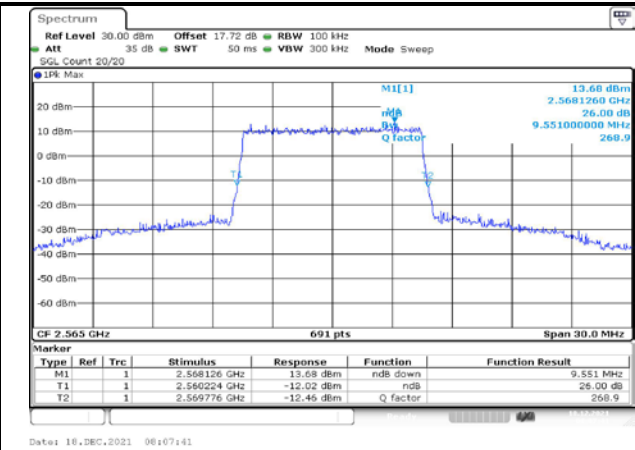


Fig.18

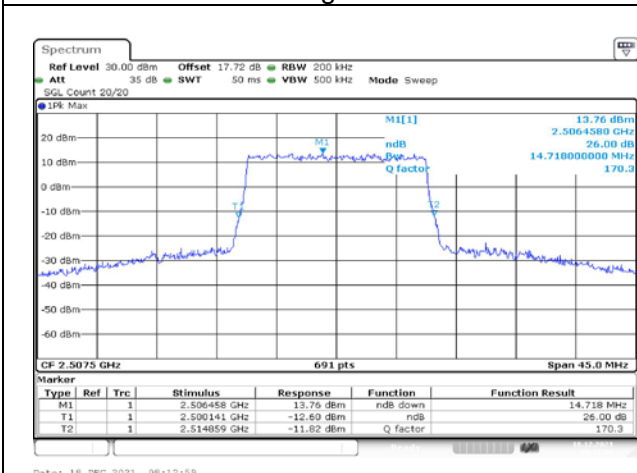


Fig.19

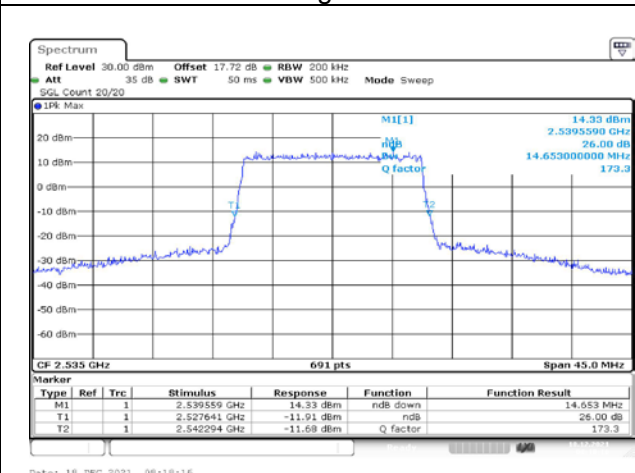


Fig.20

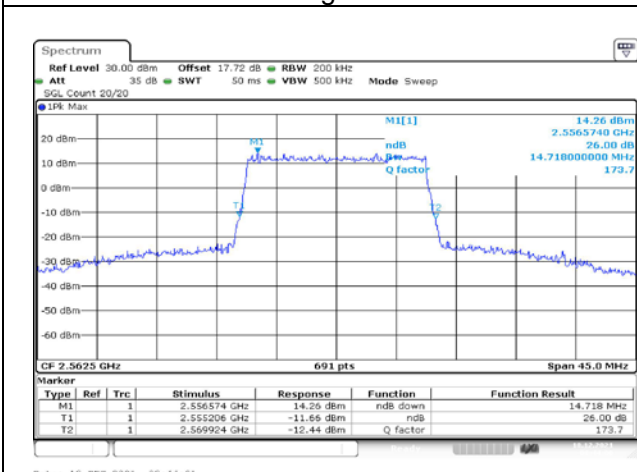


Fig.21

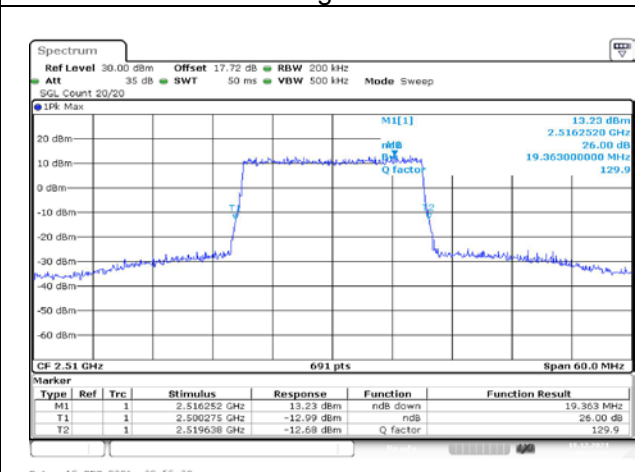


Fig.22

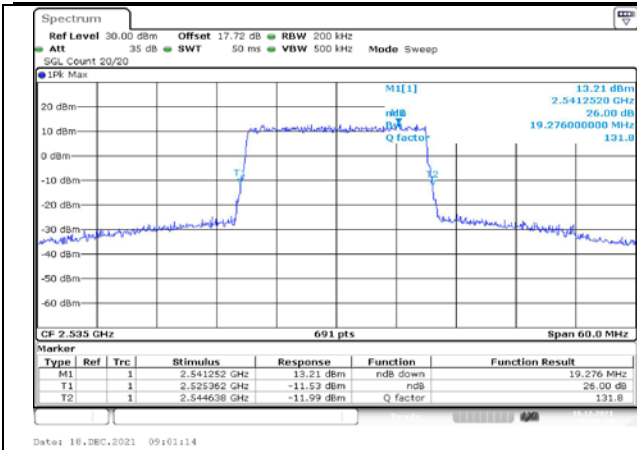


Fig.23

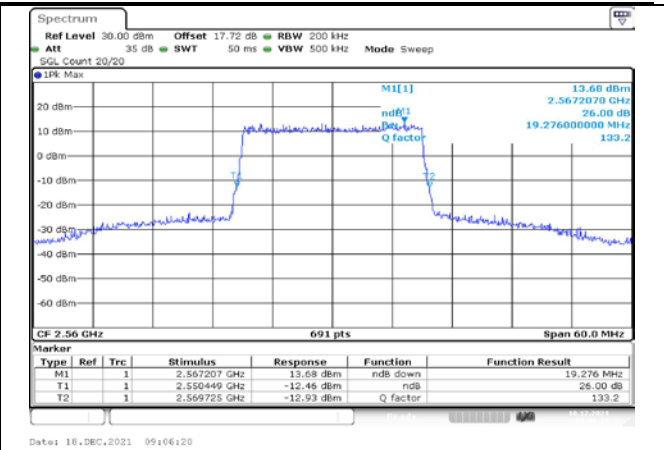


Fig.24

Test Mode: 64QAM

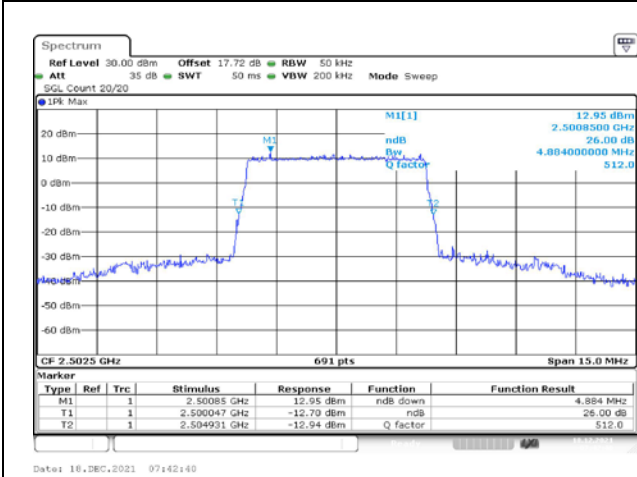


Fig.25

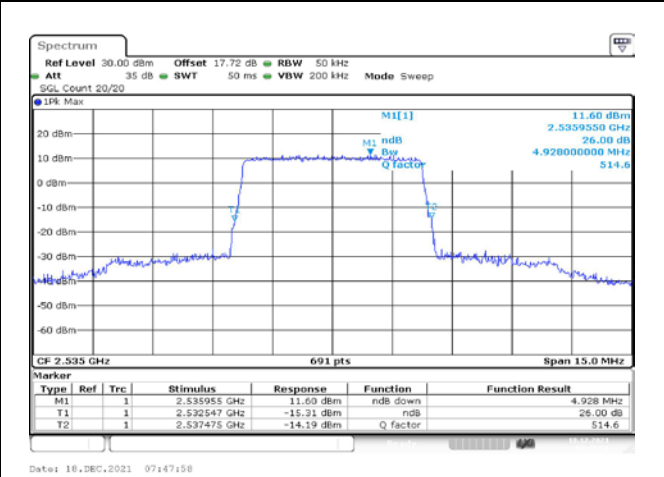


Fig.26

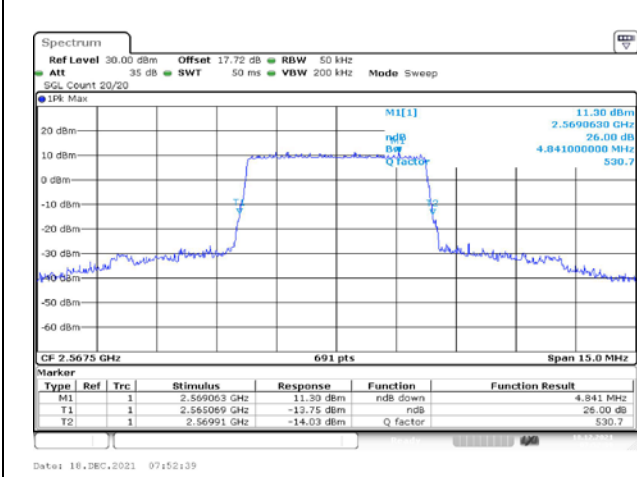


Fig.27

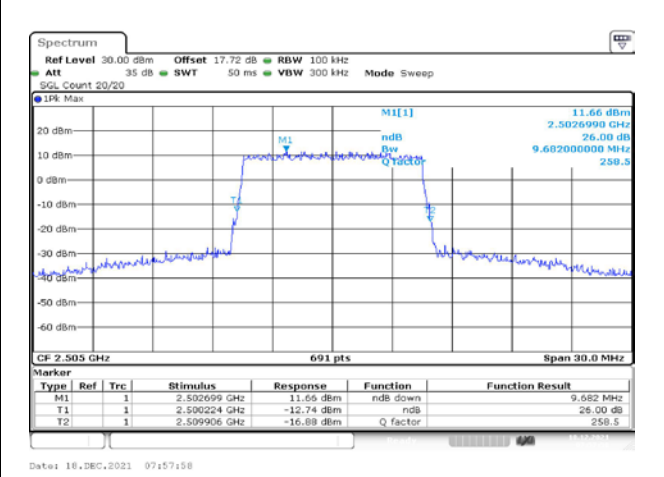


Fig.28

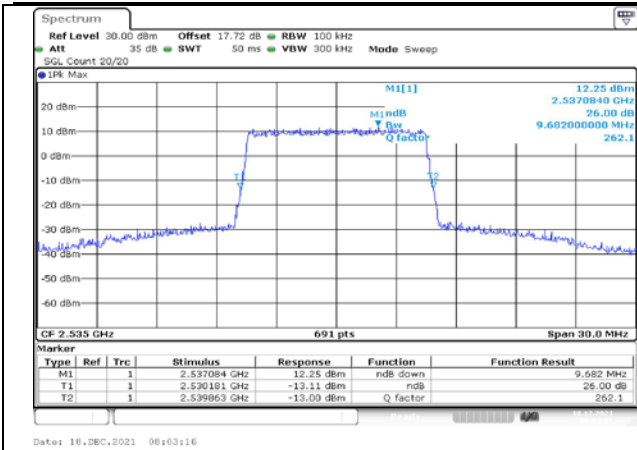


Fig.29

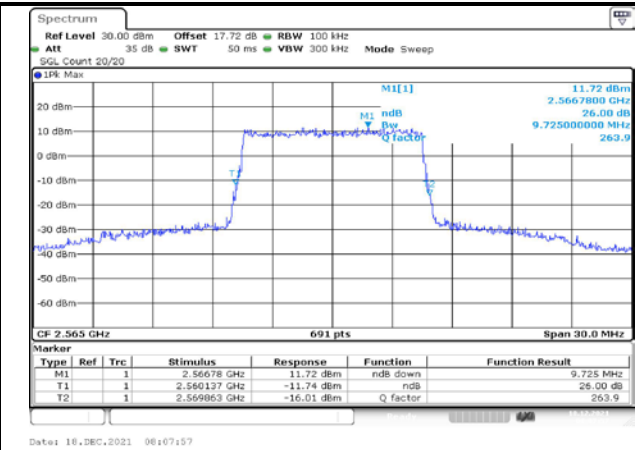


Fig.30

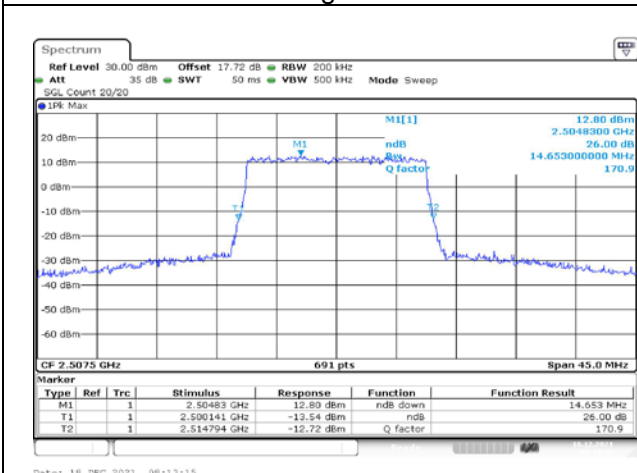


Fig.31

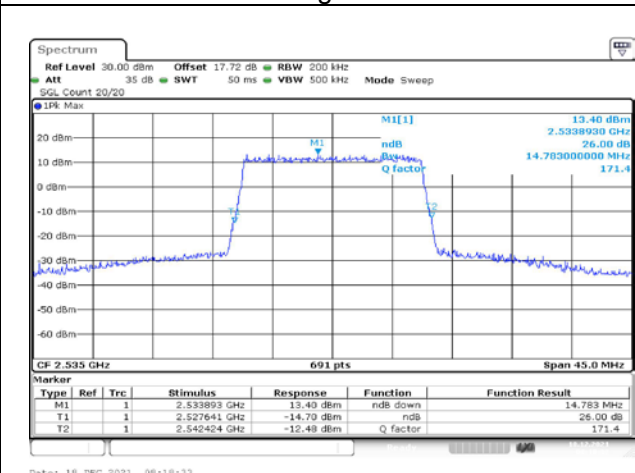


Fig.32

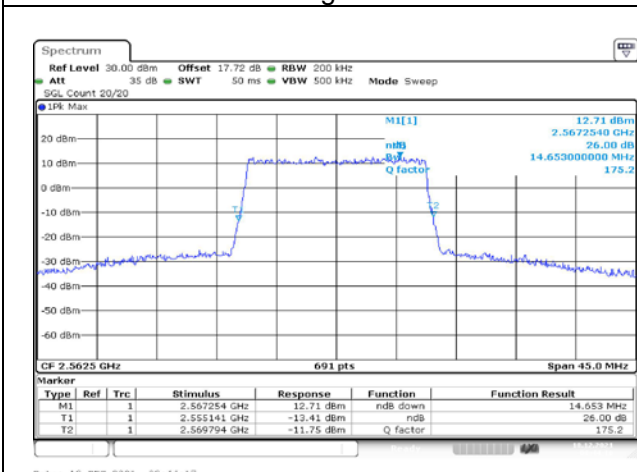


Fig.33

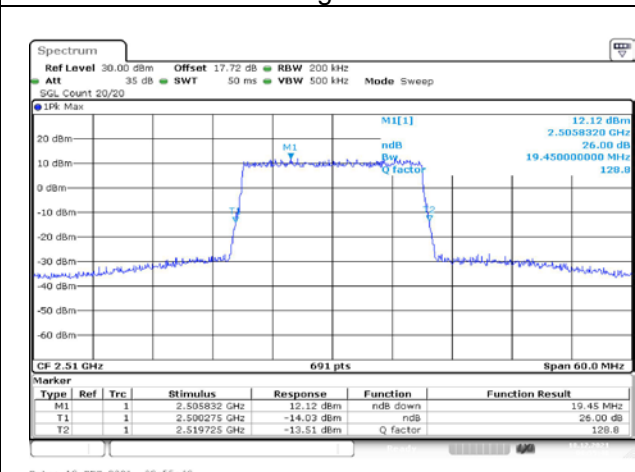


Fig.34

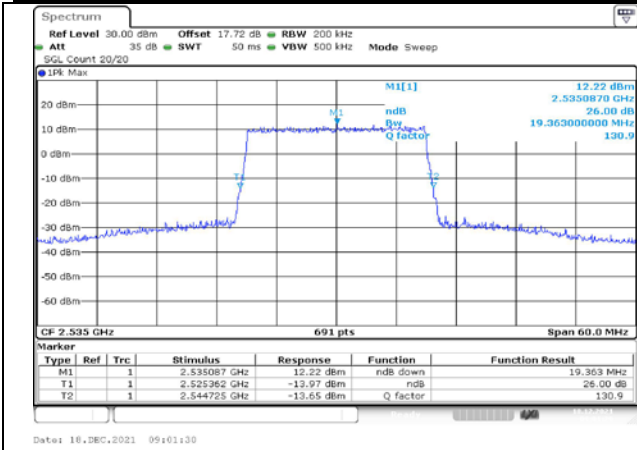


Fig.35

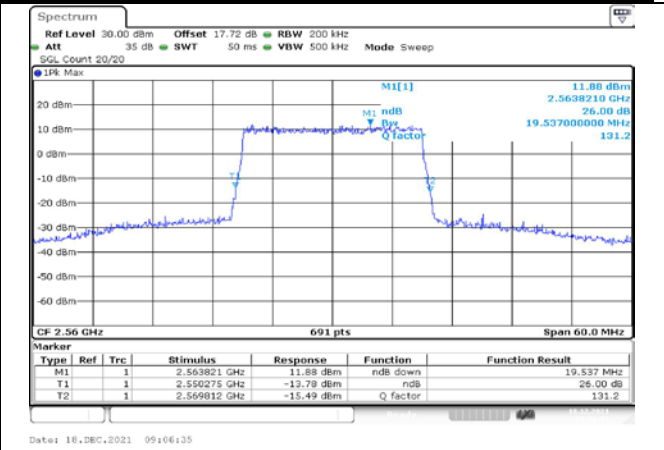


Fig.36

4 Peak-Average Ratio

Band	Carrier frequency (MHz)	Channel	BW (MHz)	RB Size	RB Offset	QPSK	16-QAM	64-QAM
7	2502.5	20775	5	1	24	Fig.1	Fig.2	Fig.3
7	2502.5	20775	5	25	0	Fig.4	Fig.5	Fig.6
7	2535	21100	5	1	24	Fig.7	Fig.8	Fig.9
7	2535	21100	5	25	0	Fig.10	Fig.11	Fig.12
7	2567.5	21425	5	1	24	Fig.13	Fig.14	Fig.15
7	2567.5	21425	5	25	0	Fig.16	Fig.17	Fig.18
7	2505	20800	10	1	49	Fig.19	Fig.20	Fig.21
7	2505	20800	10	50	0	Fig.22	Fig.23	Fig.24
7	2535	21100	10	1	49	Fig.25	Fig.26	Fig.27
7	2535	21100	10	50	0	Fig.28	Fig.29	Fig.30
7	2565	21400	10	1	49	Fig.31	Fig.32	Fig.33
7	2565	21400	10	50	0	Fig.34	Fig.35	Fig.36
7	2507.5	20825	15	1	74	Fig.37	Fig.38	Fig.39
7	2507.5	20825	15	75	0	Fig.40	Fig.41	Fig.42
7	2535	21100	15	1	74	Fig.43	Fig.44	Fig.45
7	2535	21100	15	75	0	Fig.46	Fig.47	Fig.48
7	2562.5	21375	15	1	74	Fig.49	Fig.50	Fig.51
7	2562.5	21375	15	75	0	Fig.52	Fig.53	Fig.54
7	2510	20850	20	1	99	Fig.55	Fig.56	Fig.57
7	2510	20850	20	100	0	Fig.58	Fig.59	Fig.60
7	2535	21100	20	1	99	Fig.61	Fig.62	Fig.63
7	2535	21100	20	100	0	Fig.64	Fig.65	Fig.66
7	2560	21350	20	1	99	Fig.67	Fig.68	Fig.69
7	2560	21350	20	100	0	Fig.70	Fig.71	Fig.72

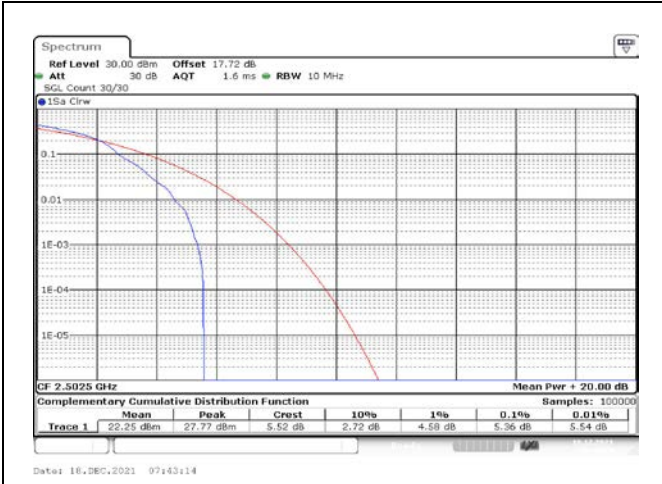


Fig.1

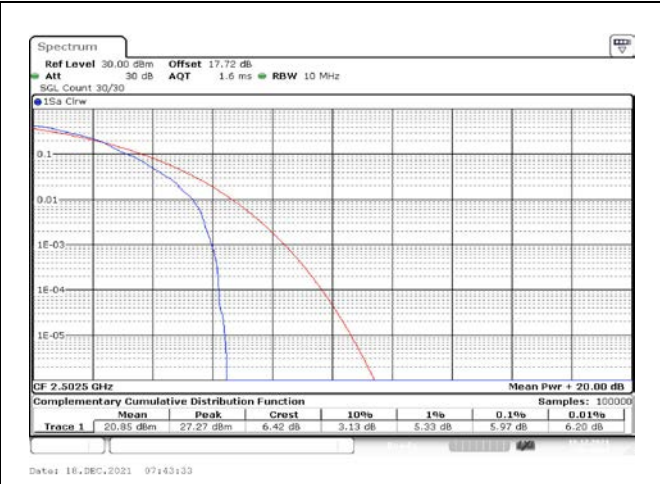


Fig.2

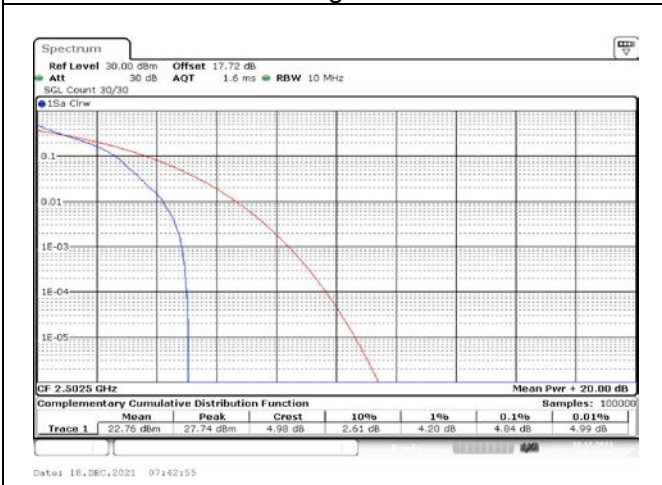


Fig.3

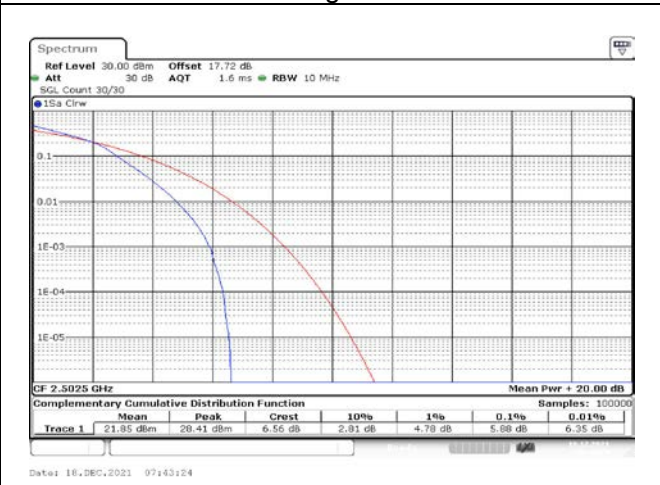


Fig.4

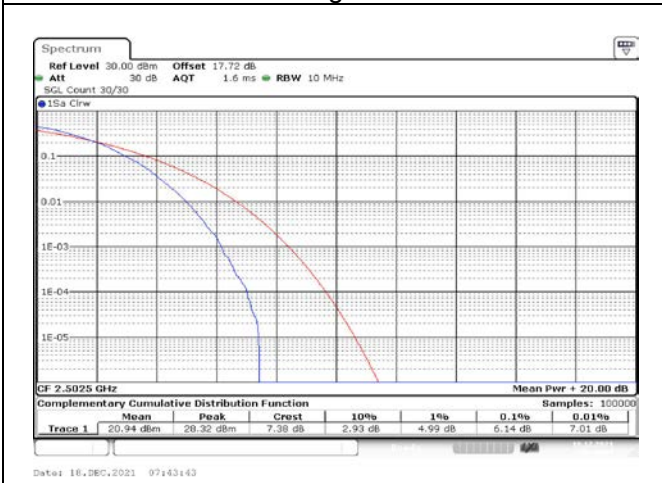


Fig.5

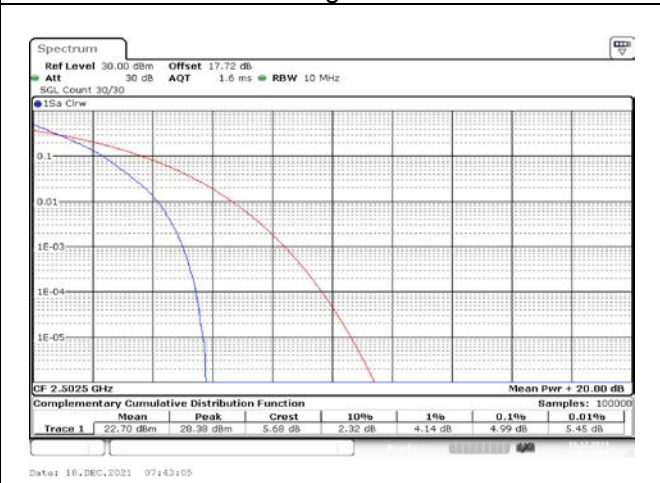


Fig.6

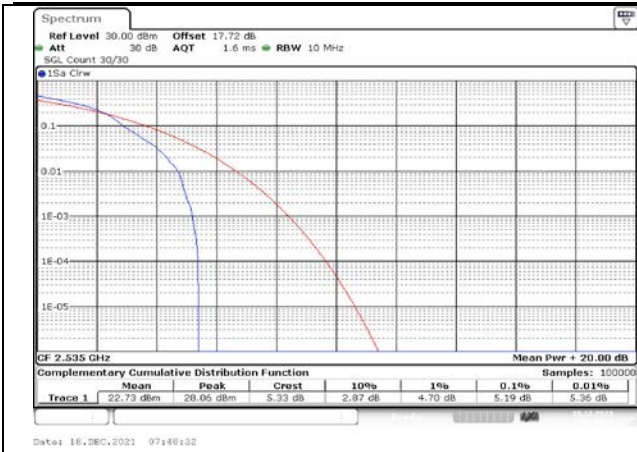


Fig.7

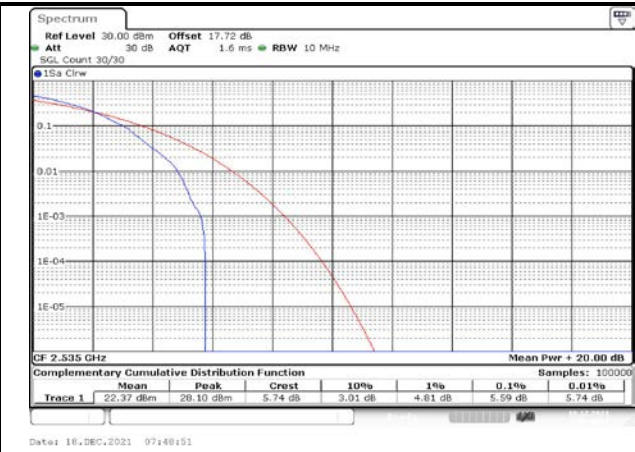


Fig.8

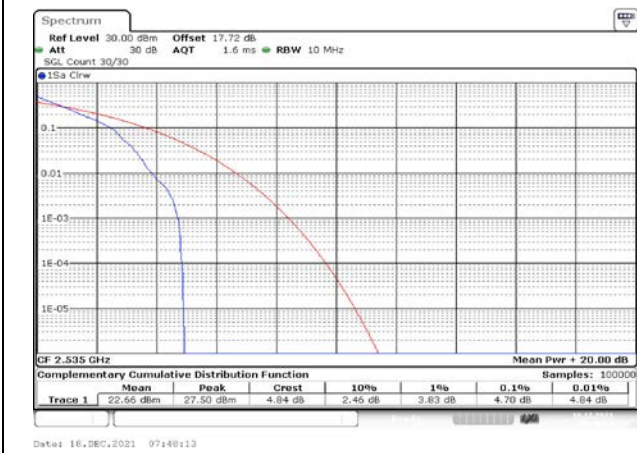


Fig.9

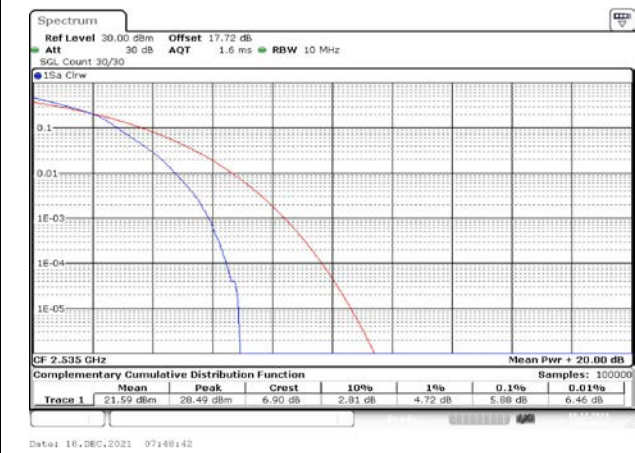


Fig.10

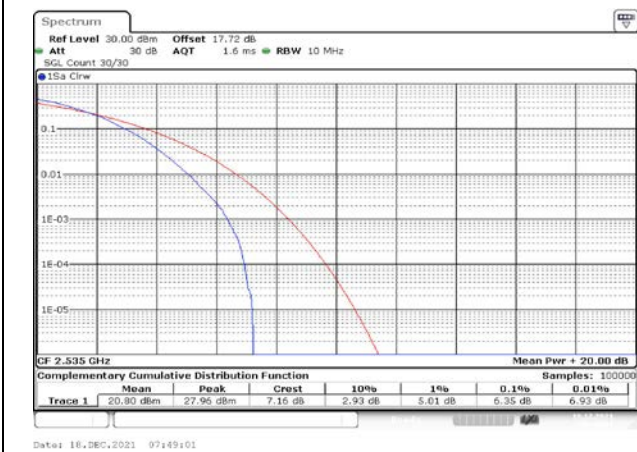


Fig.11

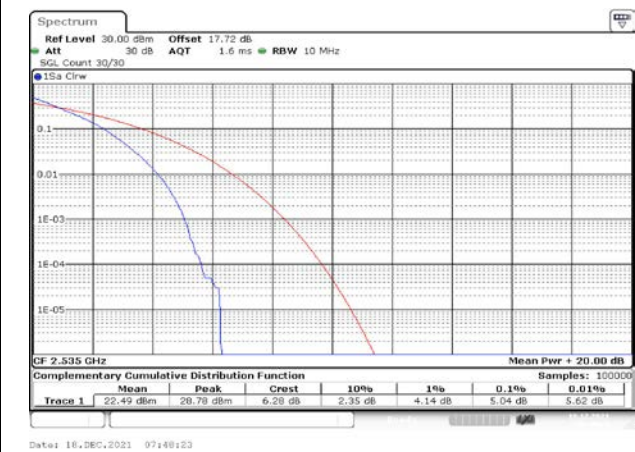


Fig.12