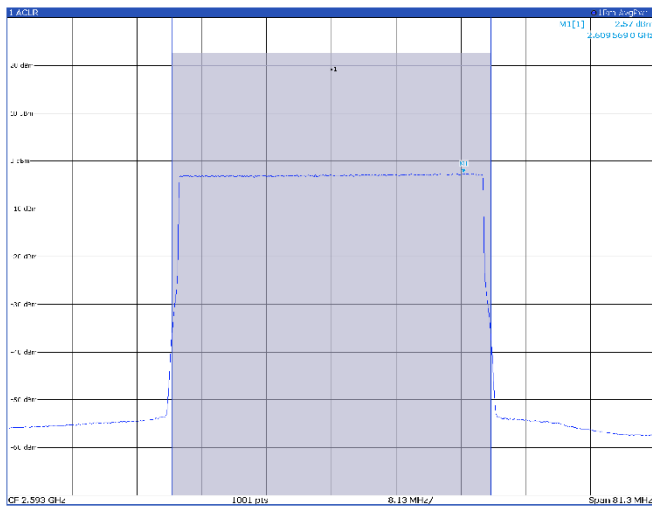
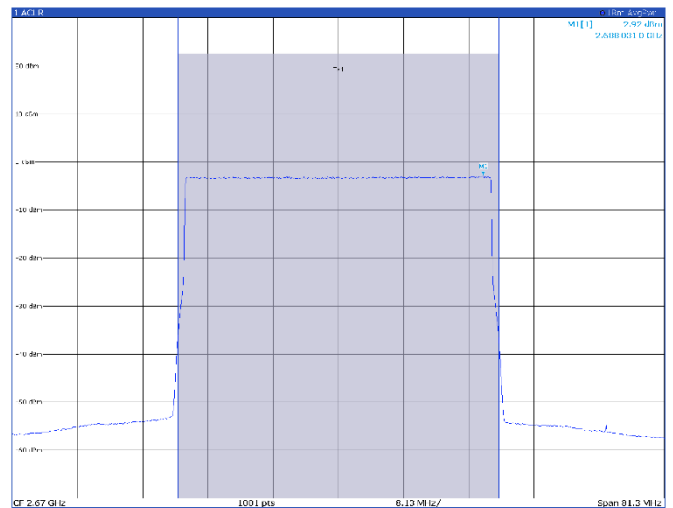


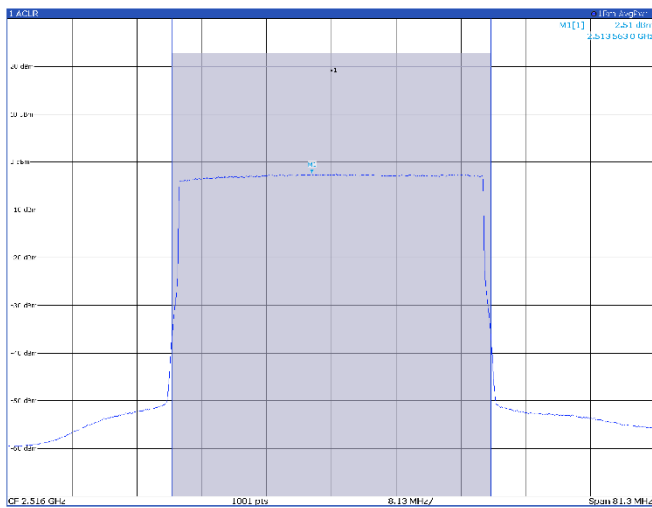
TM3p1, 40 MHz, mid channel



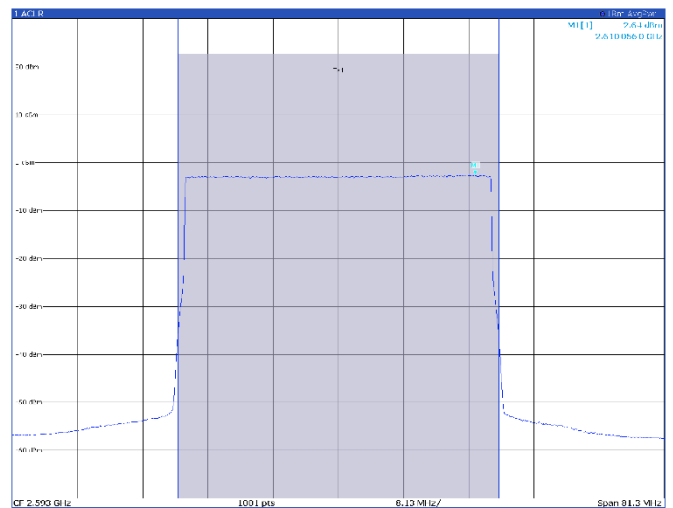
TM3p1, 40 MHz, high channel



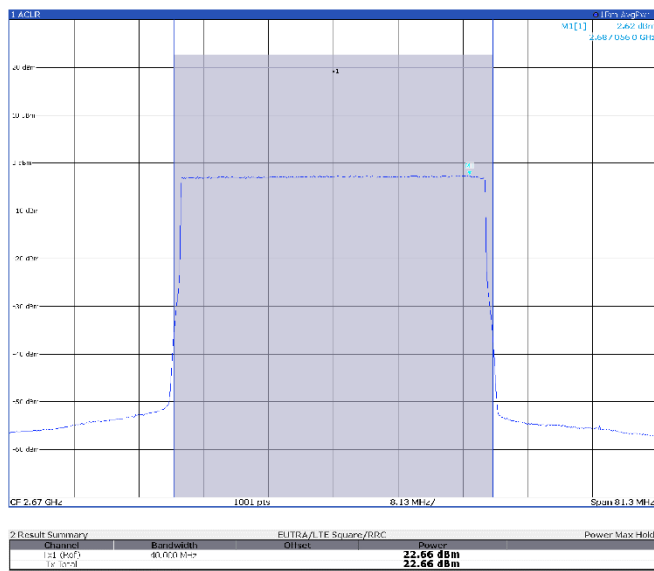
TM3p1a, 40 MHz, low channel



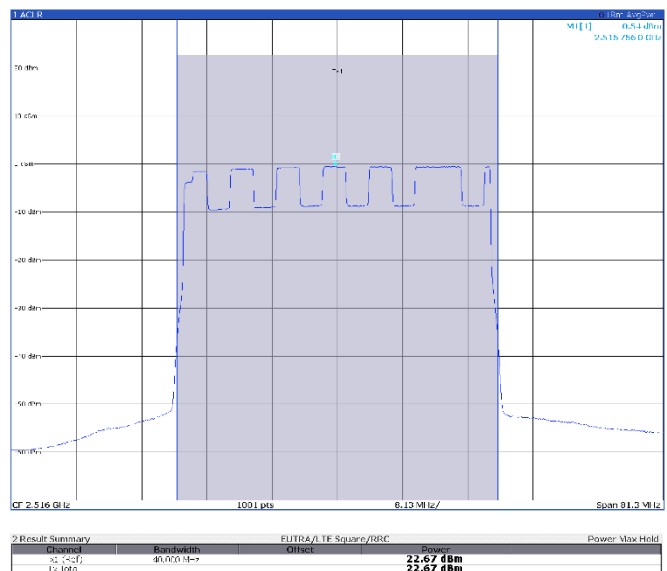
TM3p1a, 40 MHz, mid channel



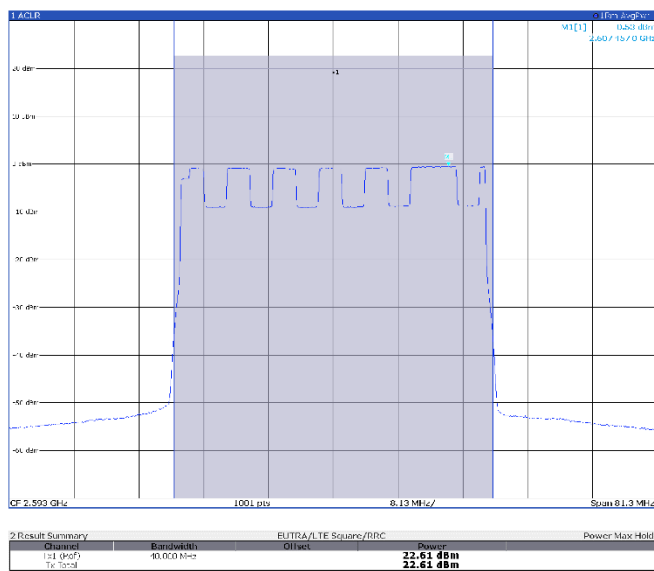
TM3p1a, 40 MHz, high channel



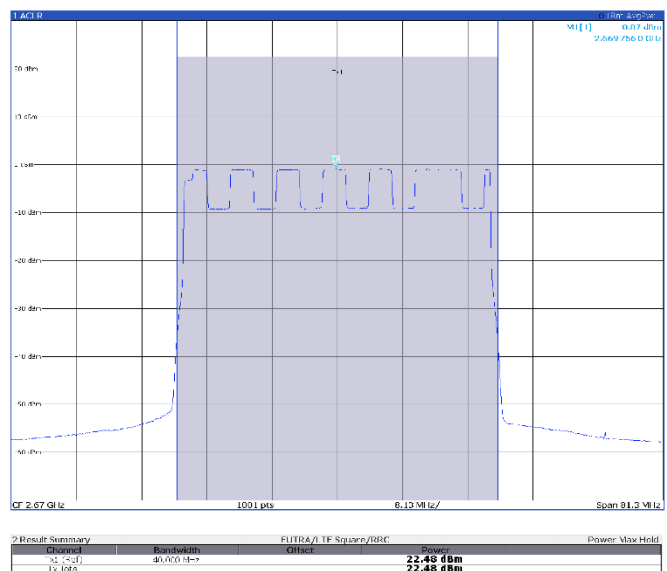
TM3p3, 40 MHz, low channel



TM3p3, 40 MHz, mid channel



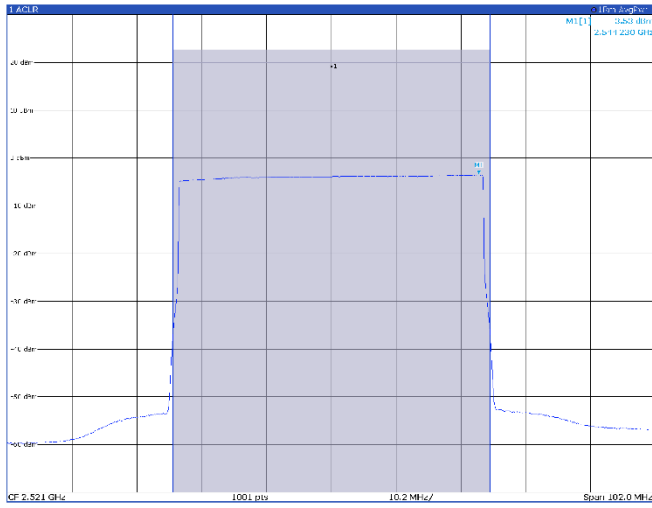
TM3p3, 40 MHz, high channel



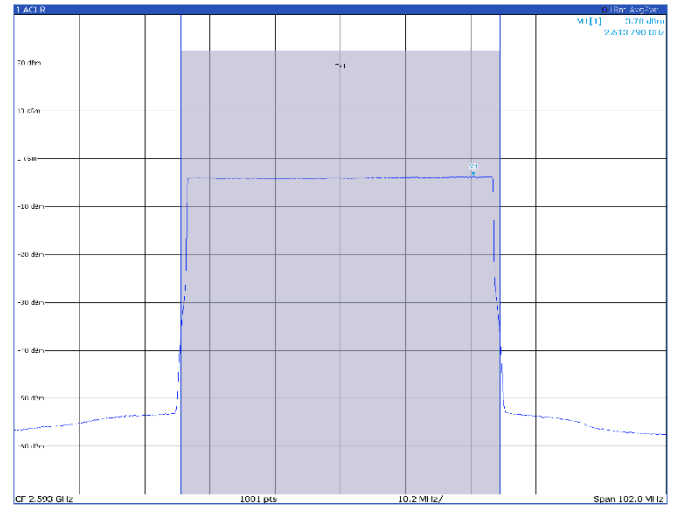
Band n41

50 MHz

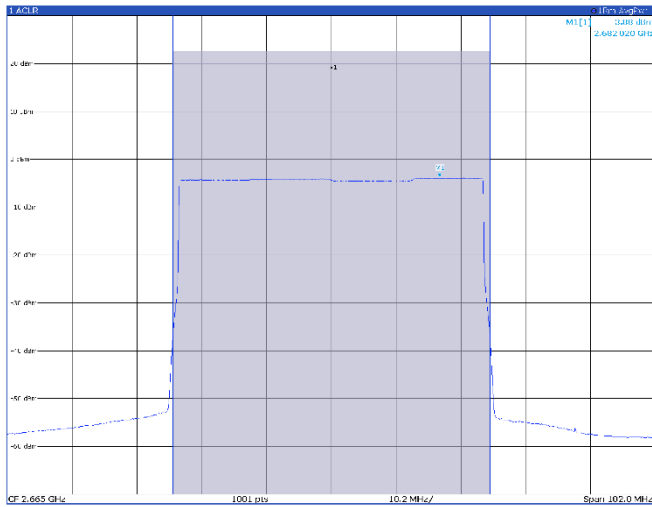
TM1.1, 50 MHz, low channel



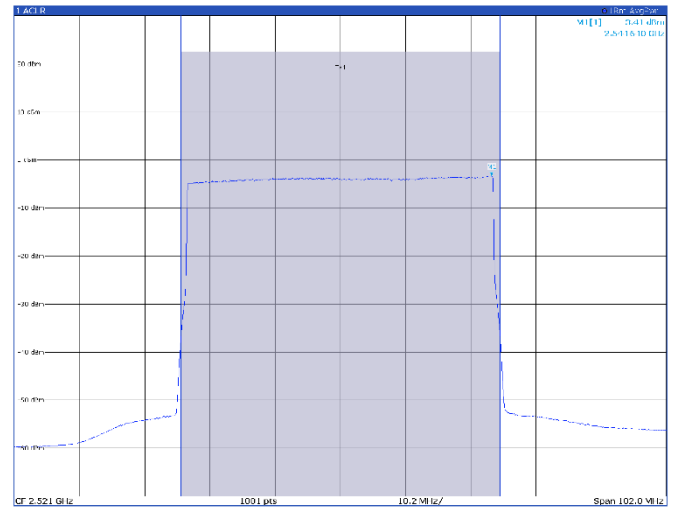
TM1.1, 50 MHz, mid channel



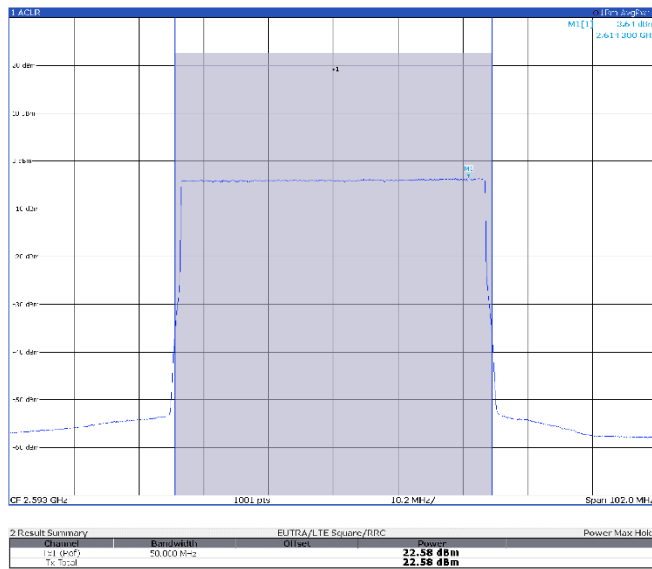
TM1.1, 50 MHz, high channel



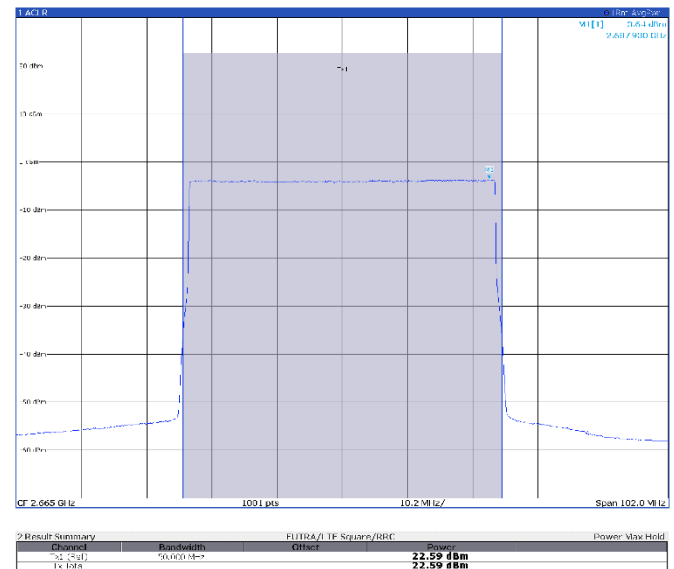
TM3p1, 50 MHz, low channel



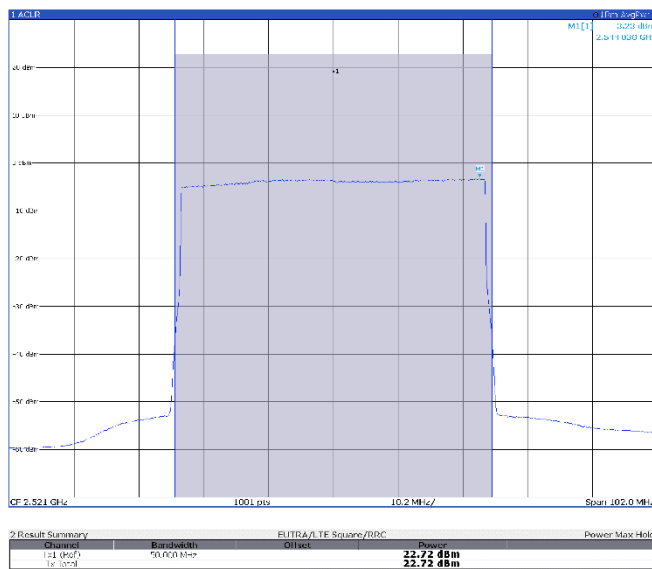
TM3p1, 50 MHz, mid channel



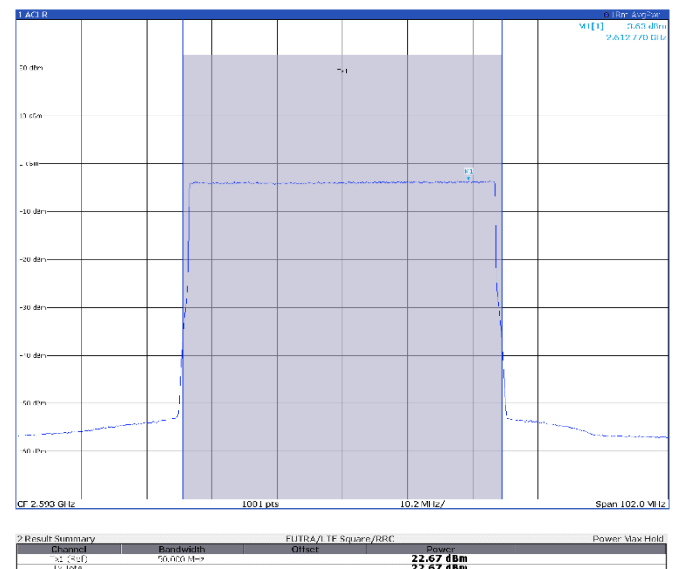
TM3p1, 50 MHz, high channel



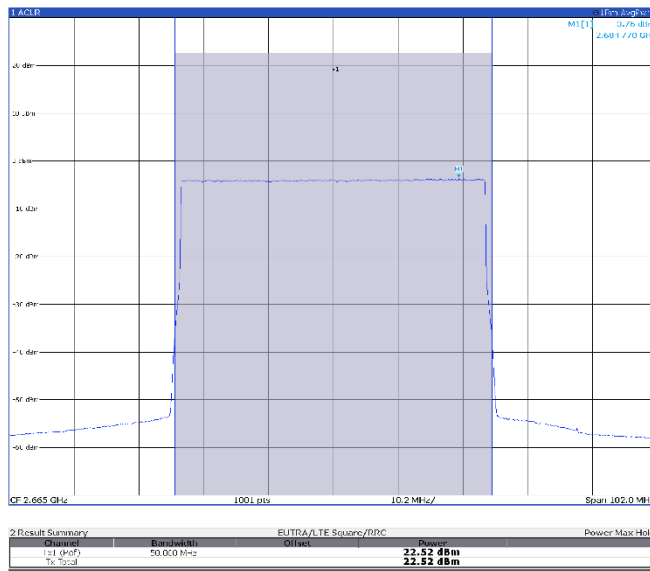
TM3p1a, 50 MHz, low channel



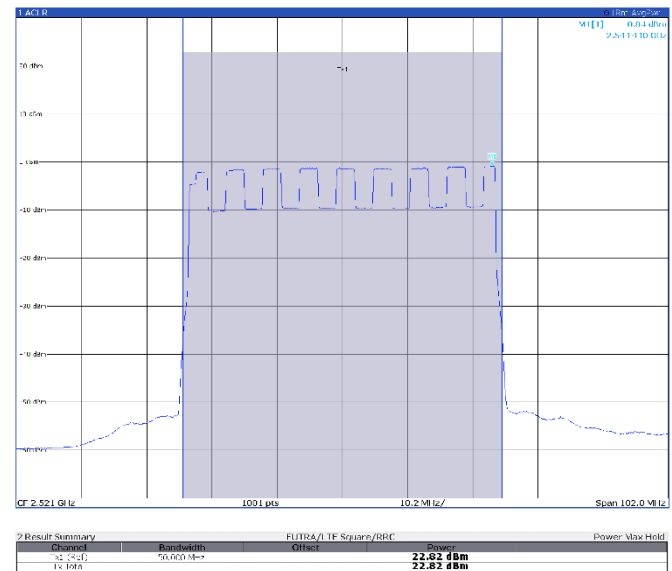
TM3p1a, 50 MHz, mid channel



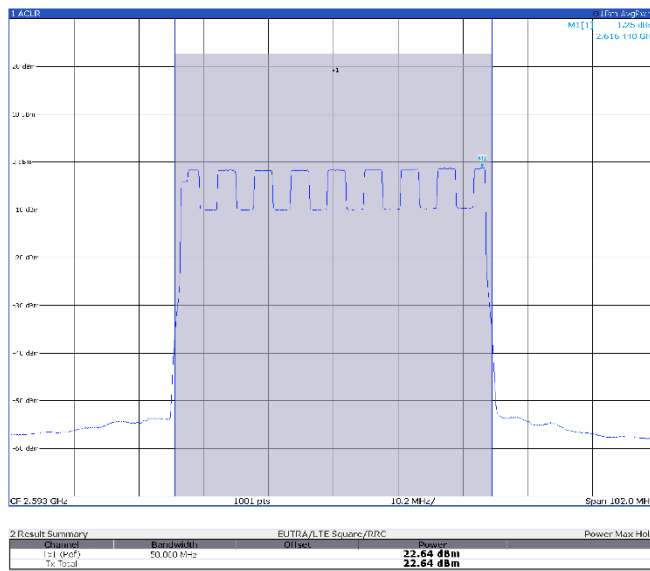
TM3p1a, 50 MHz, high channel



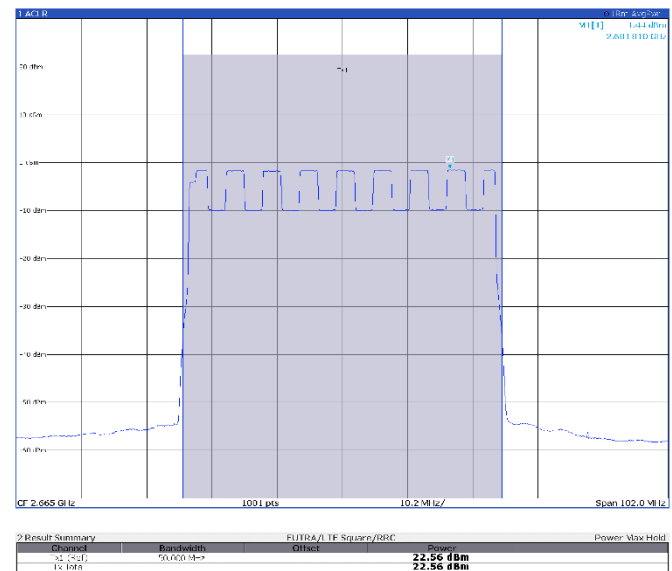
TM3p3, 50 MHz, low channel



TM3p3, 50 MHz, mid channel



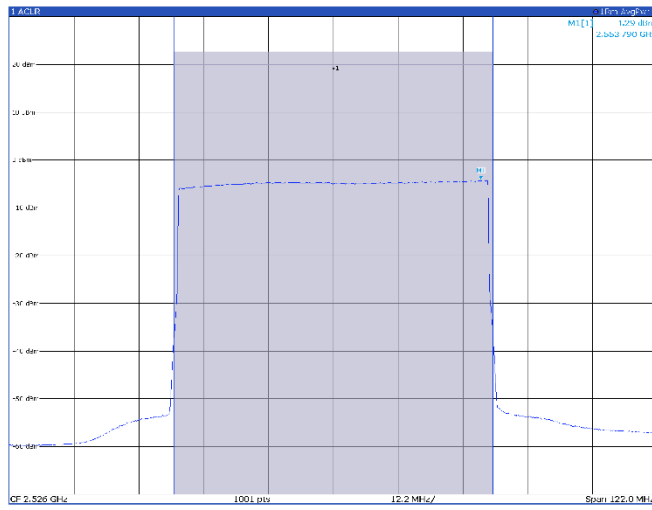
TM3p3, 50 MHz, high channel



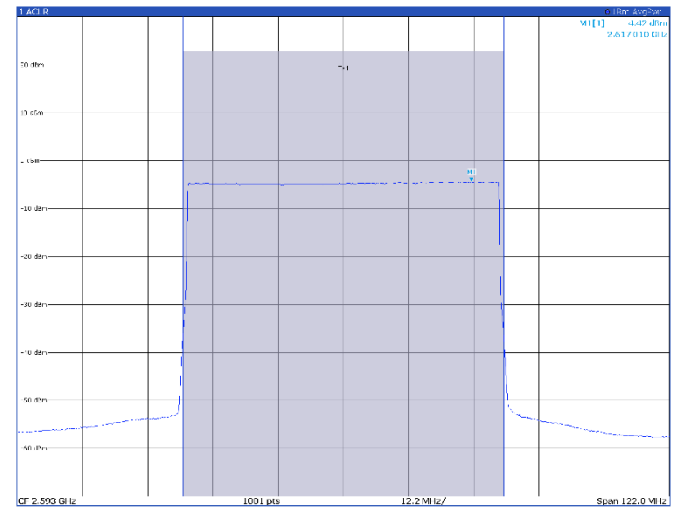
Band n41

60 MHz

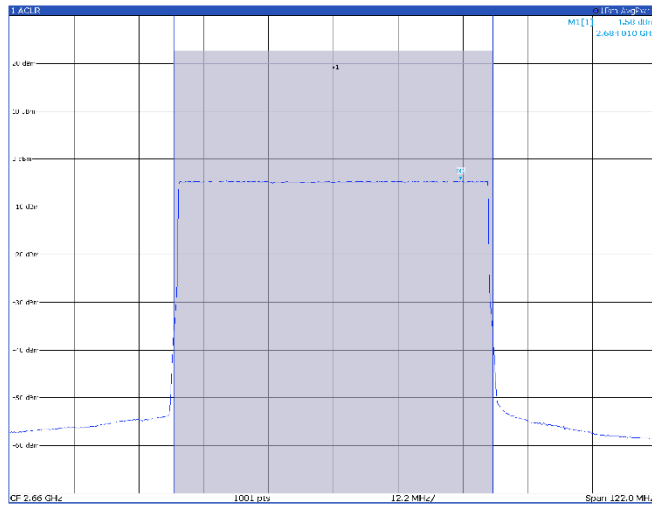
TM1.1, 60 MHz, low channel



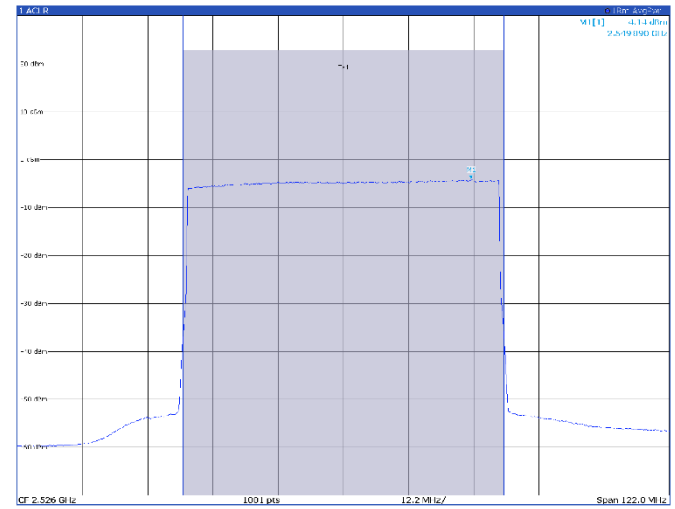
TM1.1, 60 MHz, mid channel



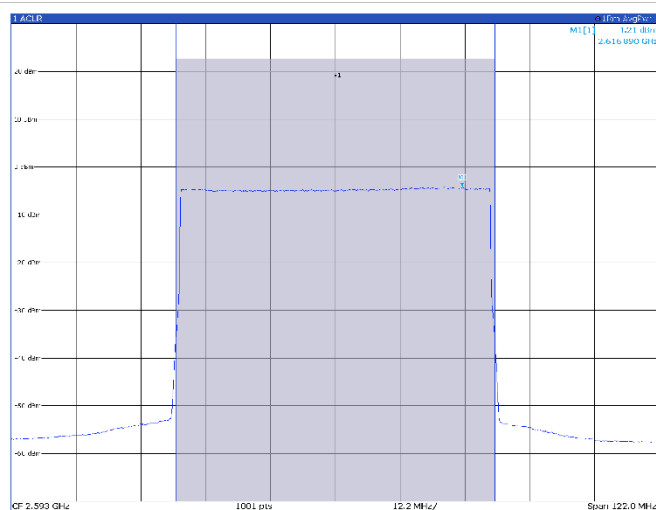
TM1.1, 60 MHz, high channel



TM3p1, 60 MHz, low channel

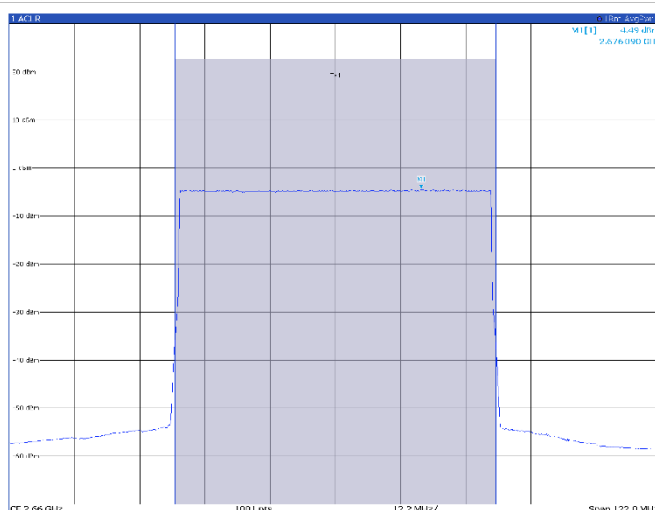


TM3p1, 60 MHz, mid channel



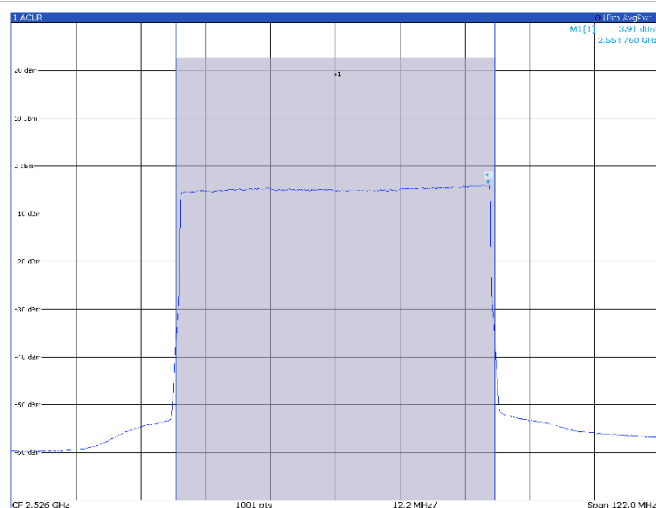
2 Result Summary		EUTRA/LTE Sgnbrg/TRP	Power Max Hold
Channel	Bandwidth	Offset	Power
1x1 (Pof)	50.000 MHz		22.66 dBm
Tx Total			22.66 dBm

TM3p1, 60 MHz, high channel



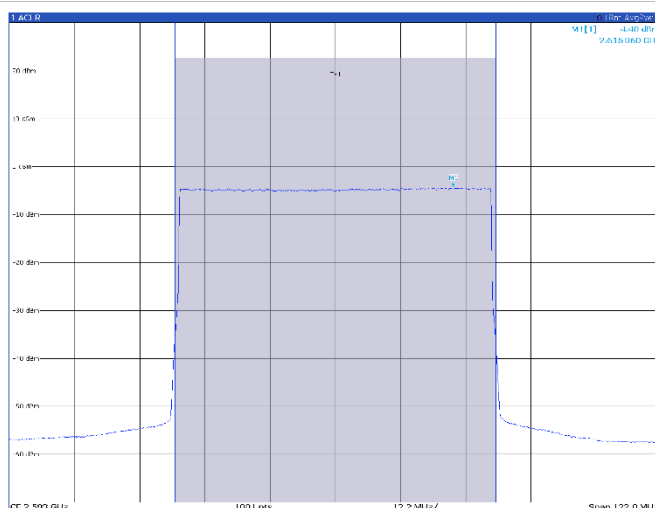
2 Result Summary		EUTRA/LTE Square/RRC		Power Max Hold
Channel	Bandwidth	Offset	Power	
21 (4G)	50,000 MHz		22.68 dBm	
19 (4G)			22.68 dBm	

TM3p1a, 60 MHz, low channel



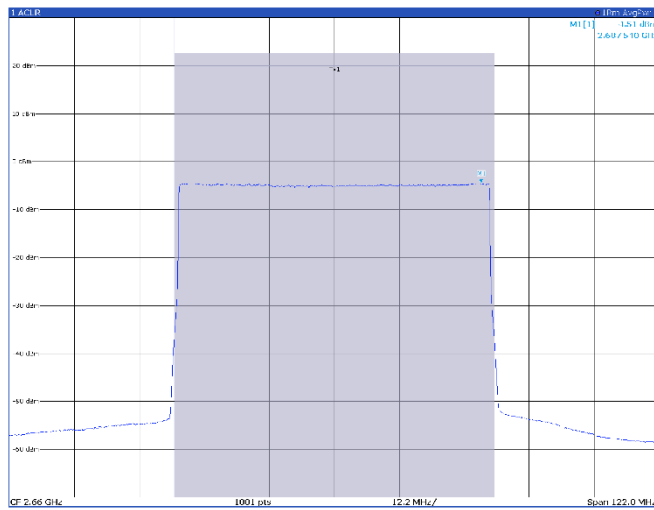
2 Result Summary		EUTRA/LTE Square/RRC	Power Max Hold
Channel	Bandwidth	Offset	Power
(1) (Pof)	50.000 MHz		22.63 dBm
Tx Total			22.63 dBm

TM3p1a, 60 MHz, mid channel



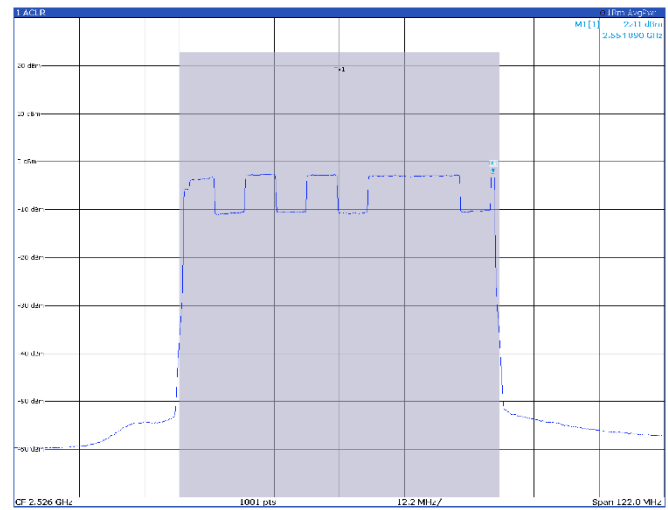
2 Result Summary		FUTRA/1 TF Square/RRC	Power Max Hold
Channel	Bandwidth	Offset	Power
Test Ref	50.000 MHz		22.66 dBm
Test Data			22.66 dBm

TM3p1a, 60 MHz, high channel



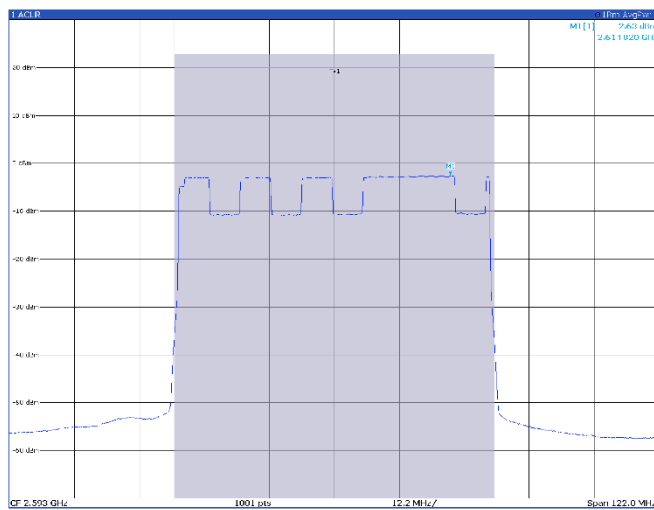
2 Result Summary			
Channel	Bandwidth	Power	Power Max Hold
11.425	60.000 MHz	22.66 dBm	
11.425		22.66 dBm	

TM3p3, 60 MHz, low channel



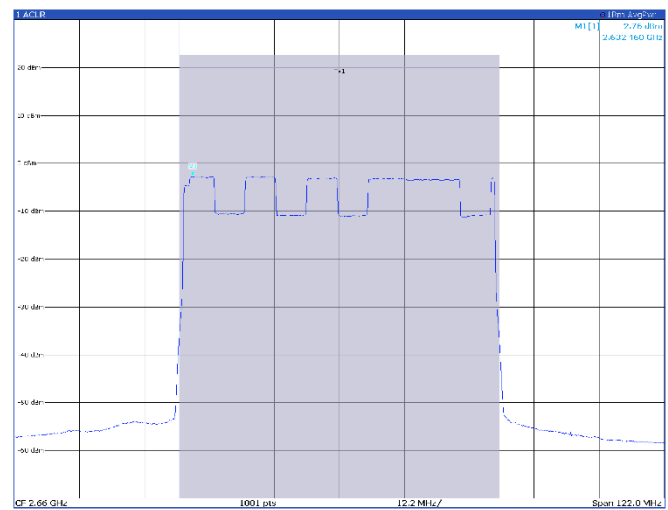
2 Result Summary			
Channel	Bandwidth	Power	Power Max Hold
11.425	60.000 MHz	22.71 dBm	
11.425		22.71 dBm	

TM3p3, 60 MHz, mid channel



2 Result Summary			
Channel	Bandwidth	Power	Power Max Hold
11.425	60.000 MHz	22.77 dBm	
11.425		22.77 dBm	

TM3p3, 60 MHz, high channel

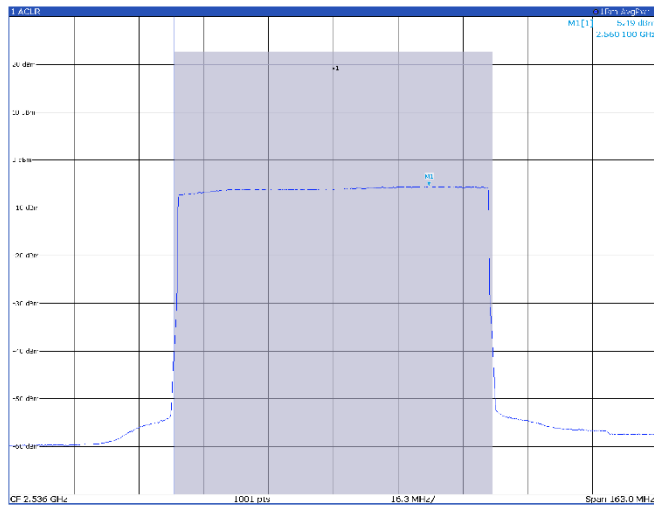


2 Result Summary			
Channel	Bandwidth	Power	Power Max Hold
11.425	60.000 MHz	22.63 dBm	
11.425		22.63 dBm	

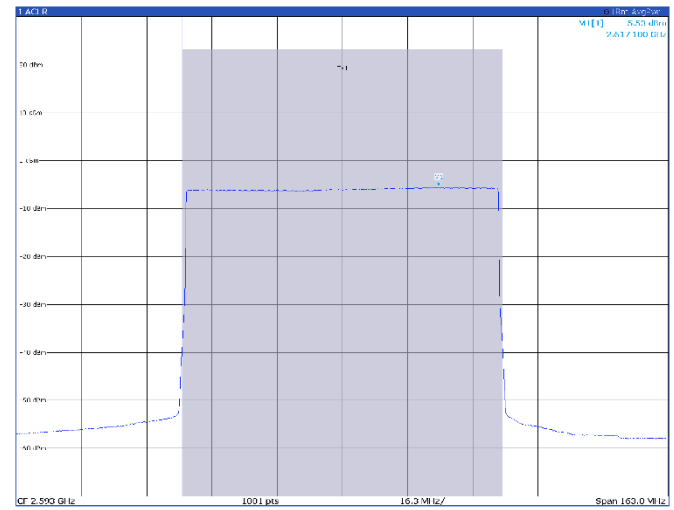
Band n41

80 MHz

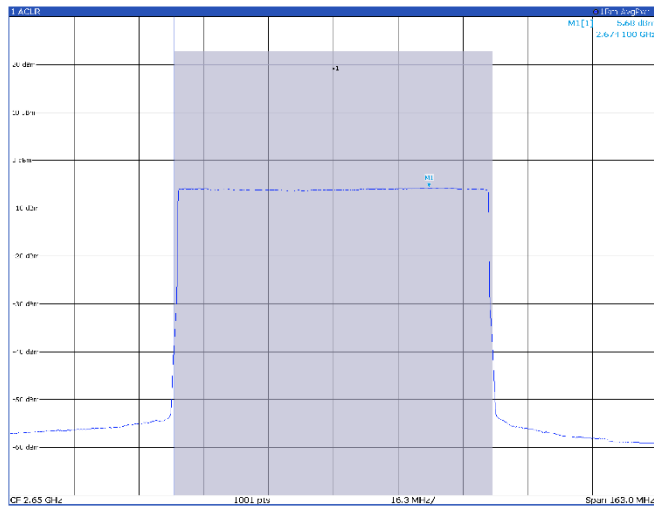
TM1.1, 80 MHz, low channel



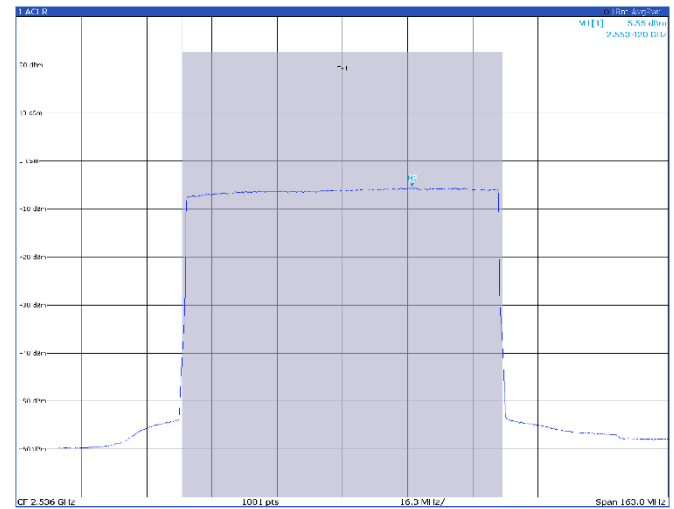
TM1.1, 80 MHz, mid channel



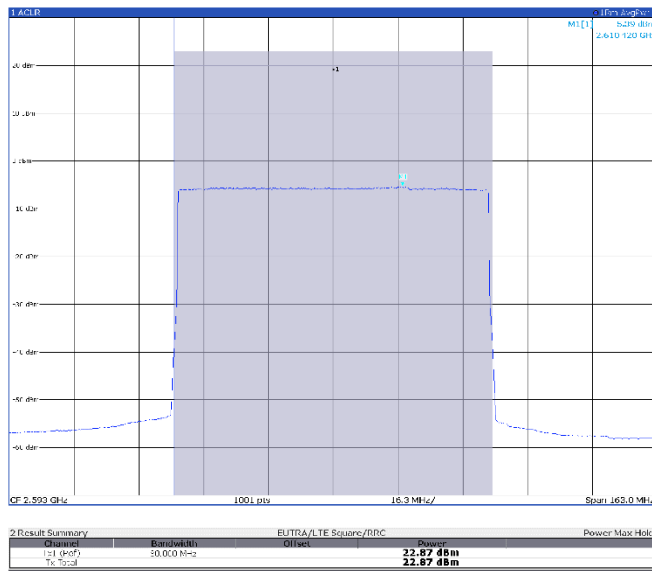
TM1.1, 80 MHz, high channel



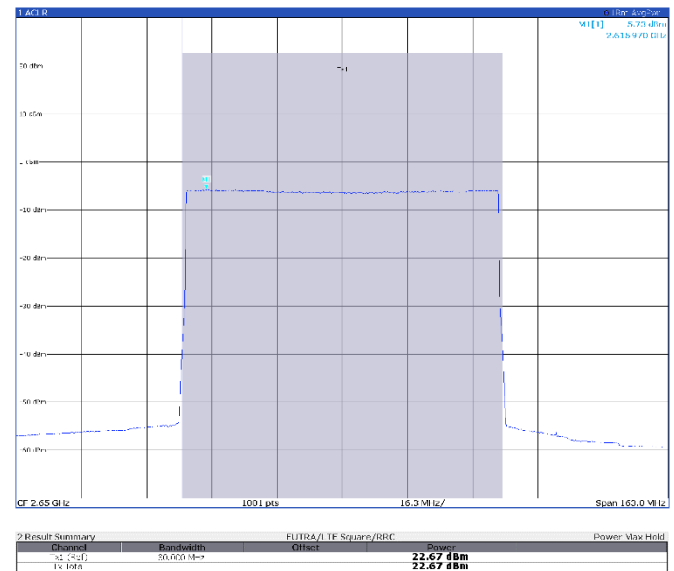
TM3p1, 80 MHz, low channel



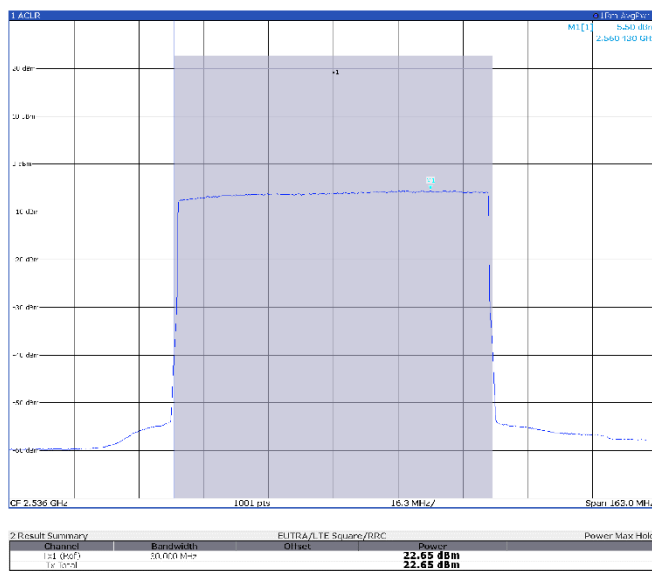
TM3p1, 80 MHz, mid channel



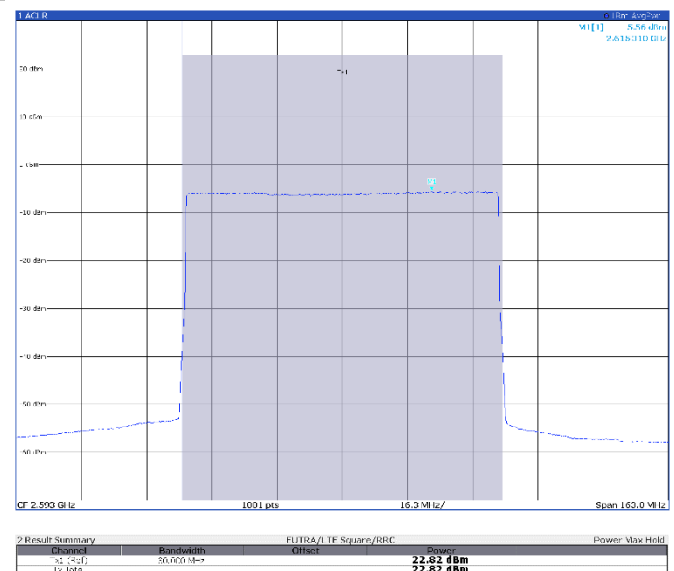
TM3p1, 80 MHz, high channel



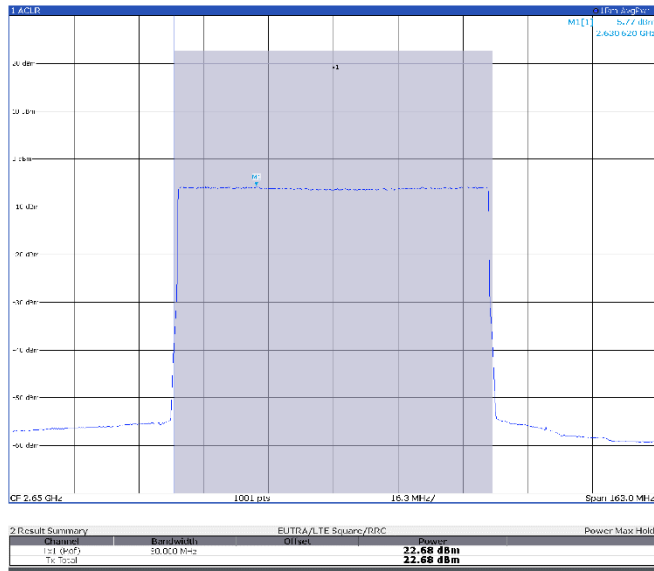
TM3p1a, 80 MHz, low channel



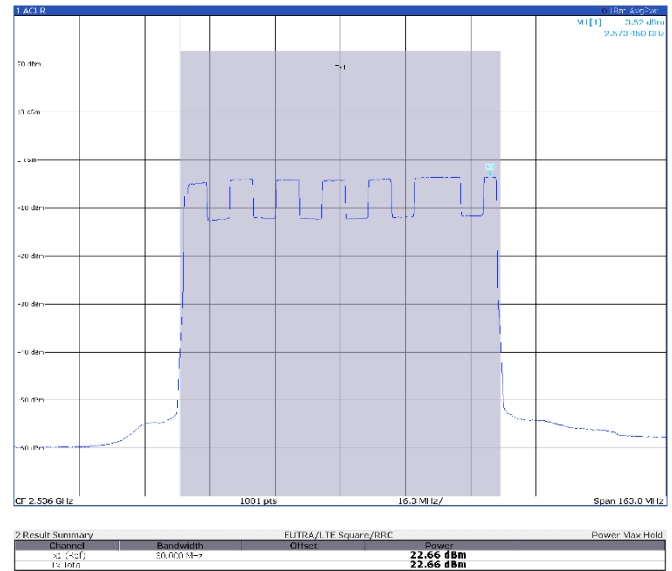
TM3p1a, 80 MHz, mid channel



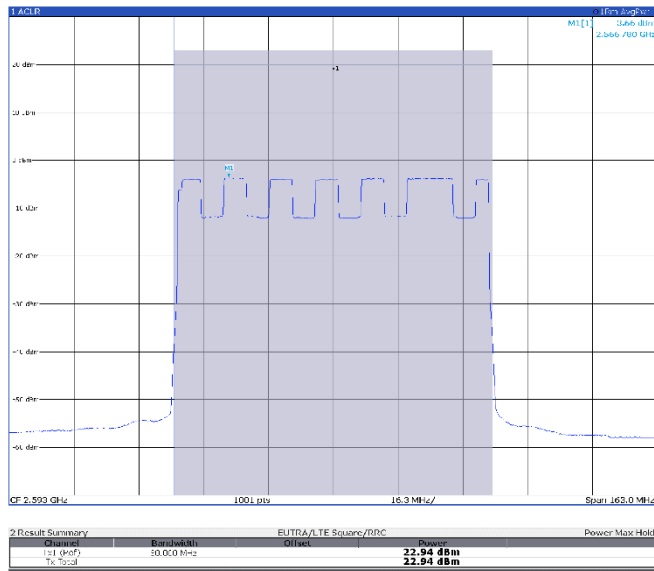
TM3p1a, 80 MHz, high channel



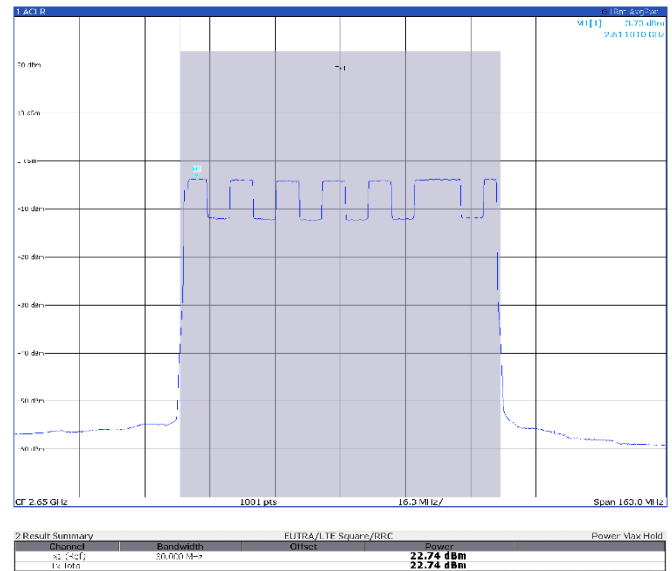
TM3p3, 80 MHz, low channel



TM3p3, 80 MHz, mid channel



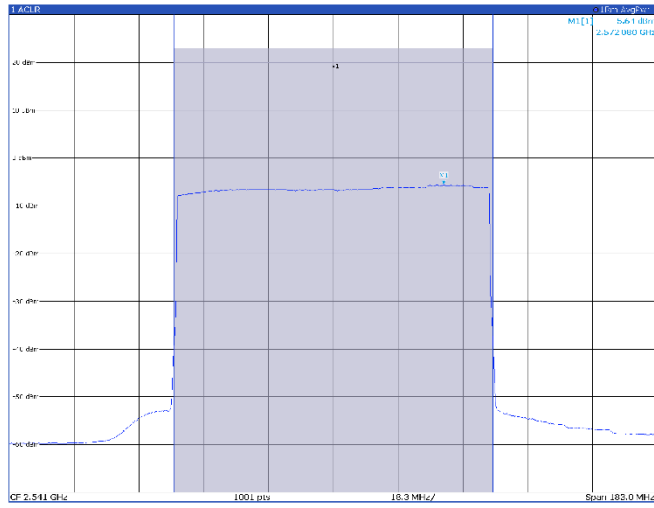
TM3p3, 80 MHz, high channel



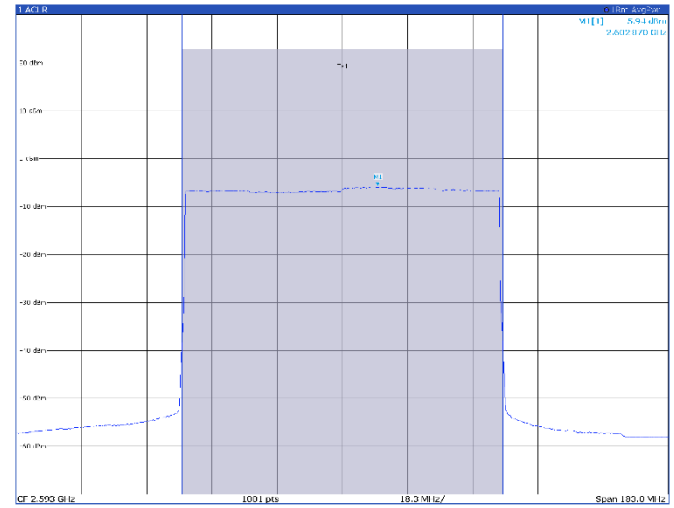
Band n41

90 MHz

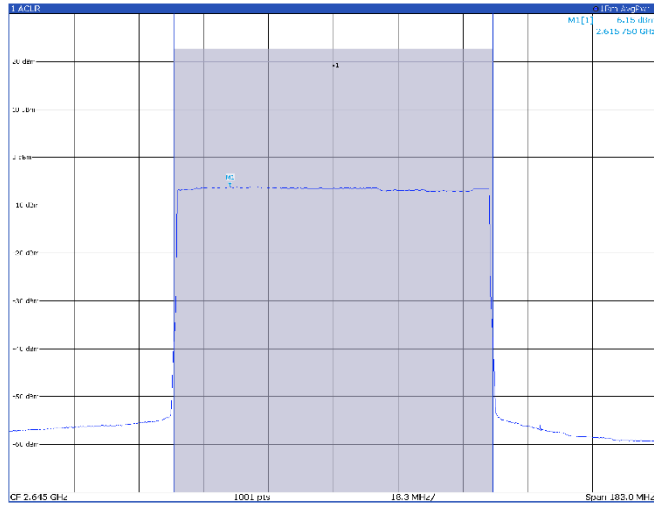
TM1.1, 90 MHz, low channel



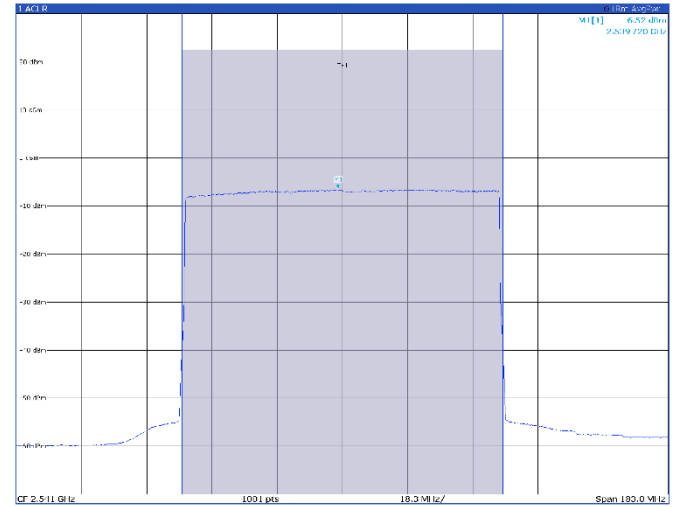
TM1.1, 90 MHz, mid channel



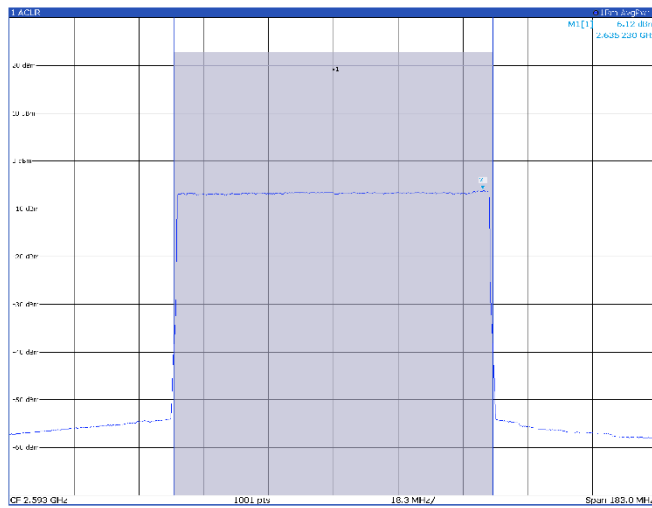
TM1.1, 90 MHz, high channel



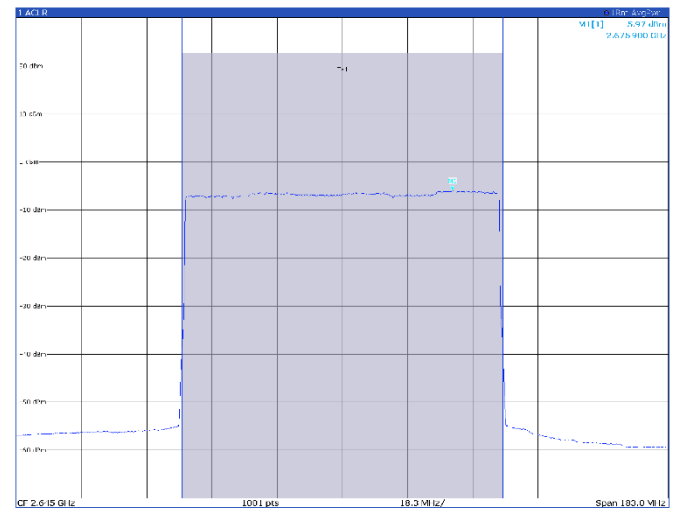
TM3p1, 90 MHz, low channel



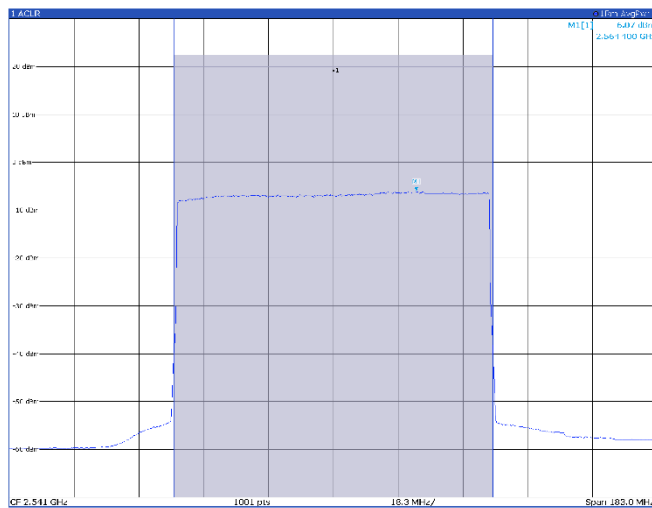
TM3p1, 90 MHz, mid channel



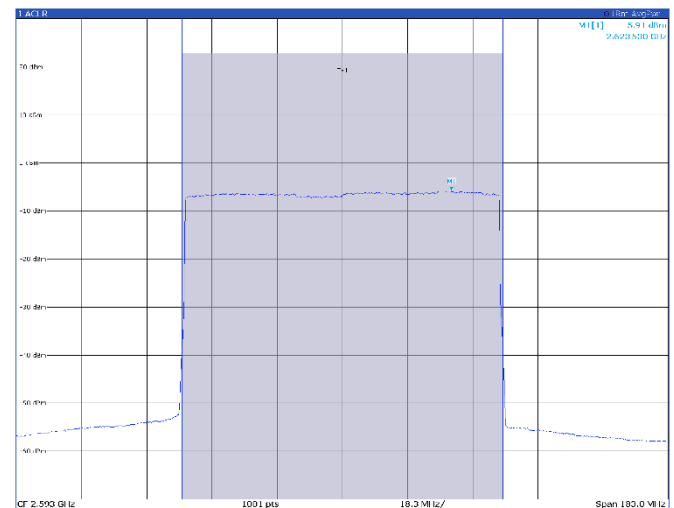
TM3p1, 90 MHz, high channel



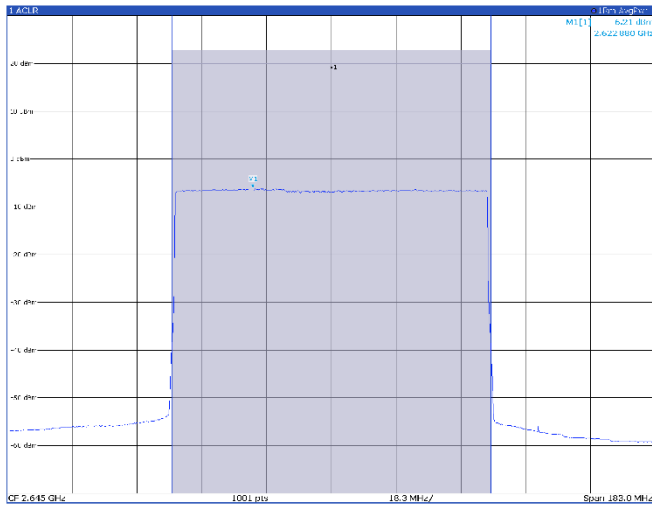
TM3p1a, 90 MHz, low channel



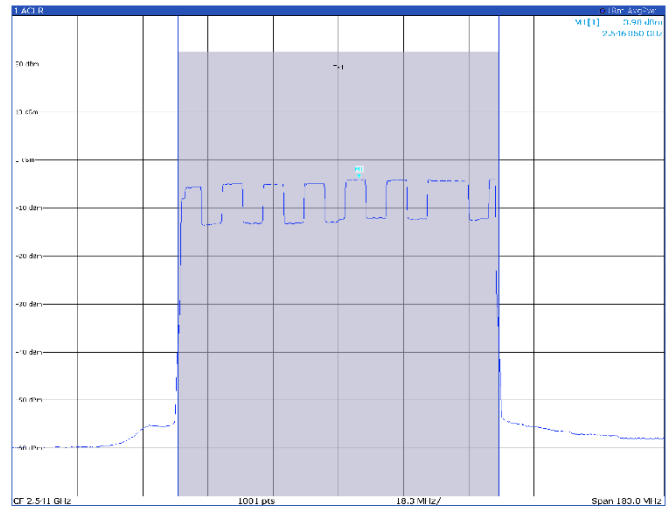
TM3p1a, 90 MHz, mid channel



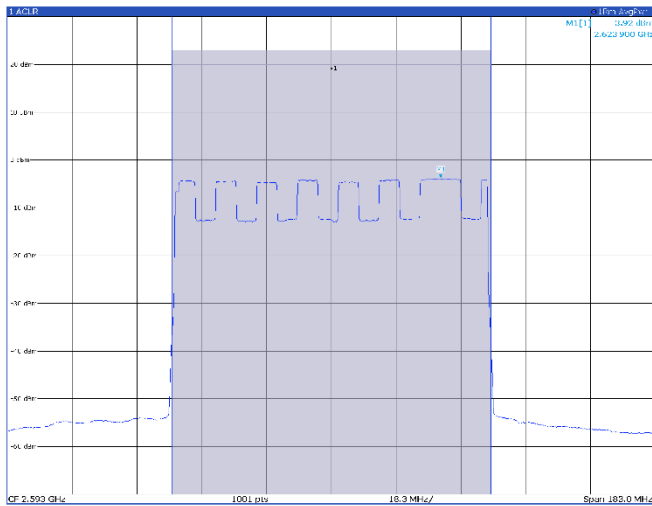
TM3p1a, 90 MHz, high channel



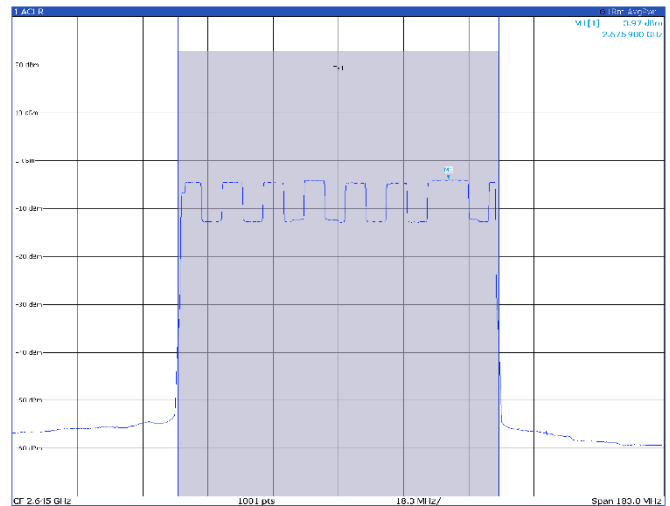
TM3p3, 90 MHz, low channel



TM3p3, 90 MHz, mid channel



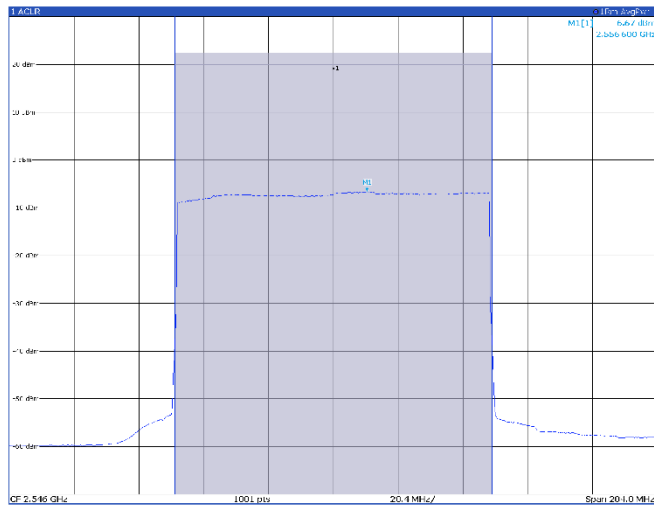
TM3p3, 90 MHz, high channel



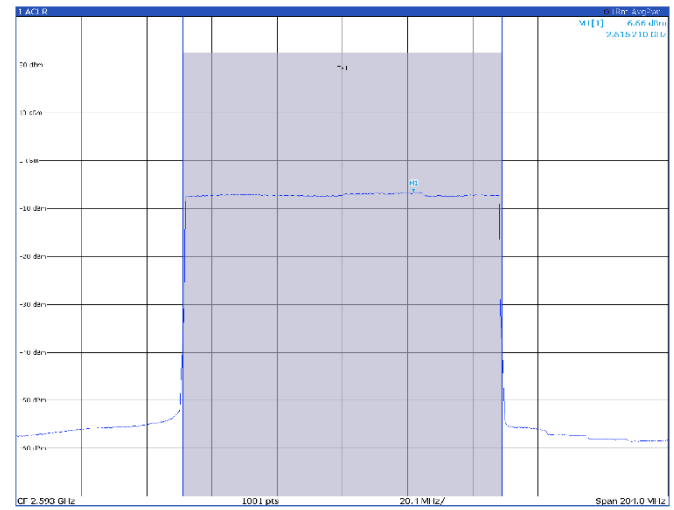
Band n41

100 MHz

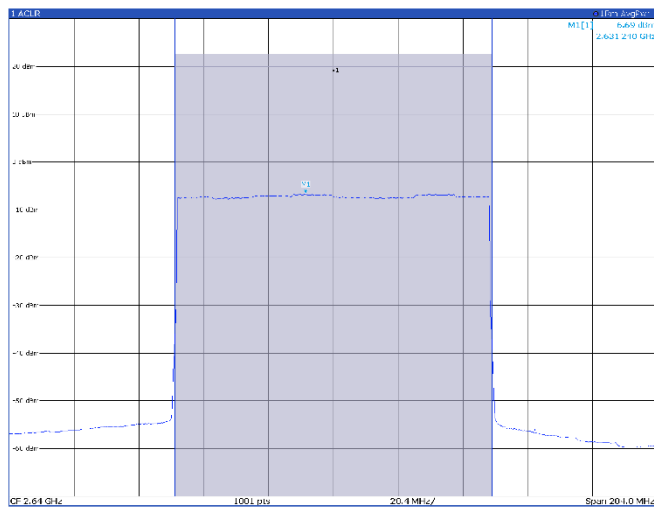
TM1.1, 100 MHz, low channel



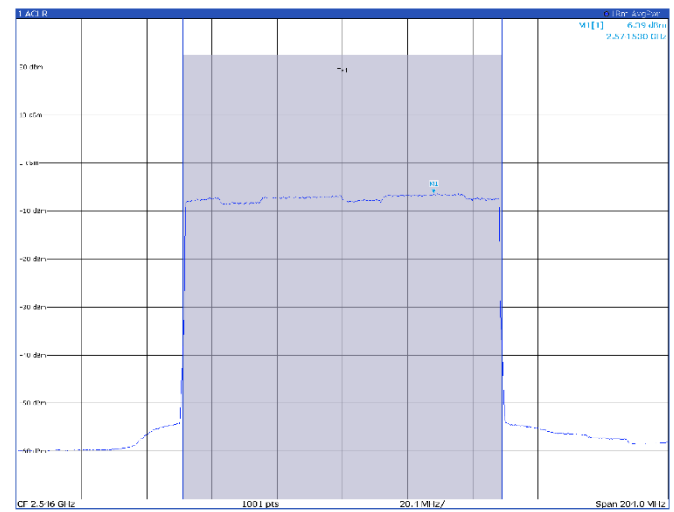
TM1.1, 100 MHz, mid channel



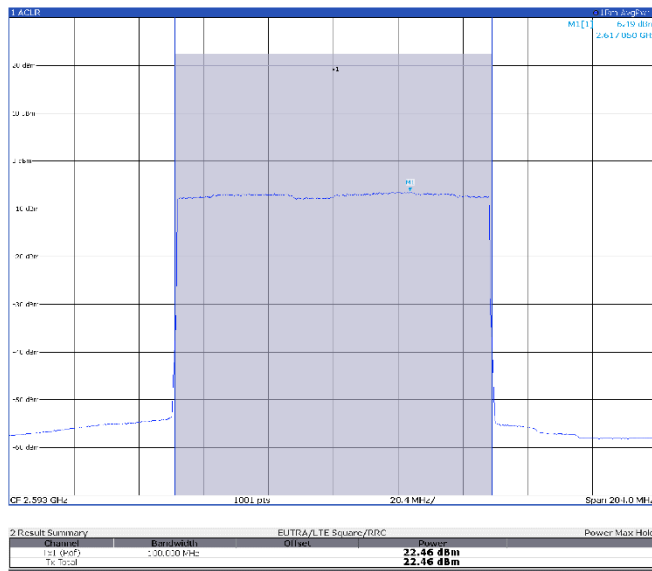
TM1.1, 100 MHz, high channel



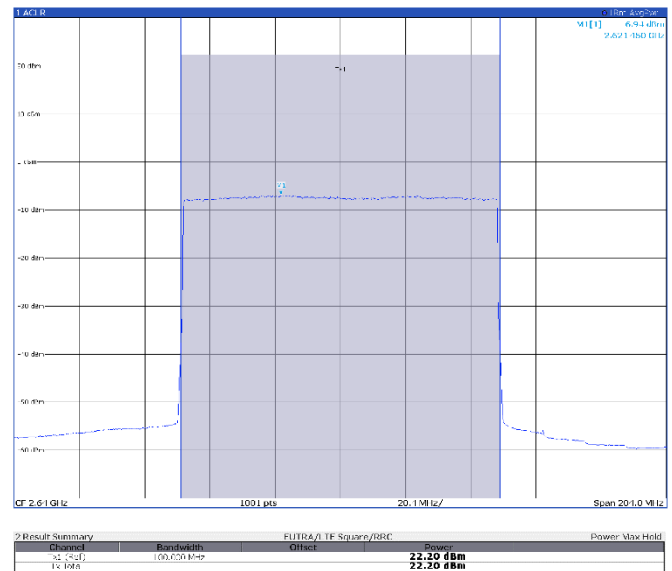
TM3p1, 100 MHz, low channel



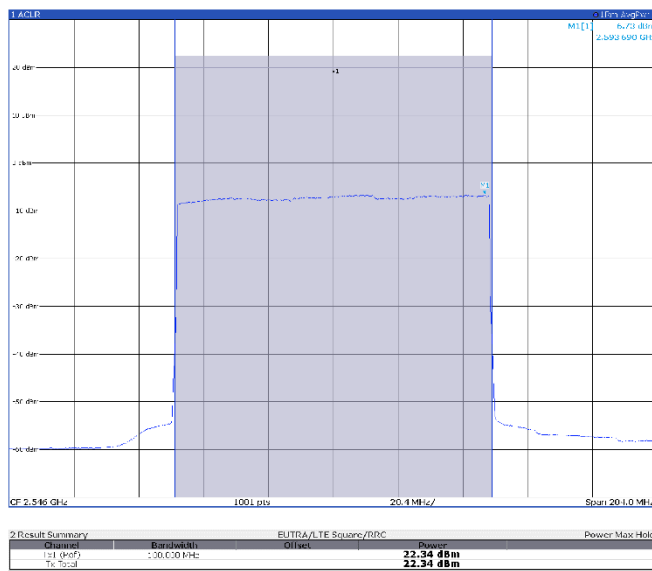
TM3p1, 100 MHz, mid channel



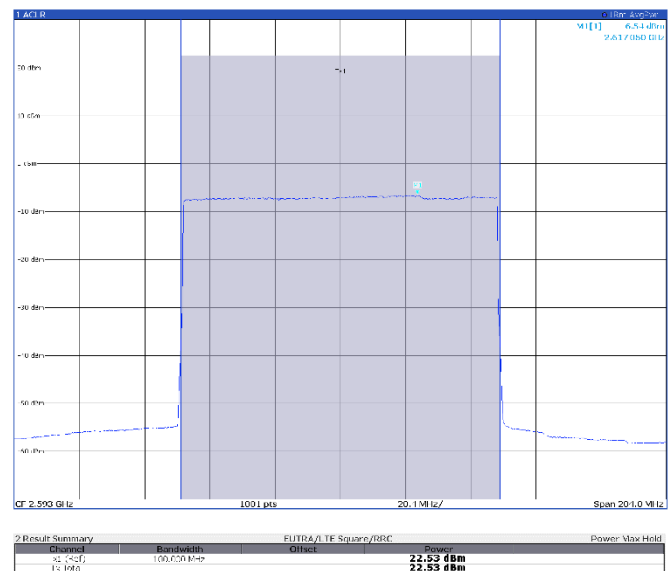
TM3p1, 100 MHz, high channel



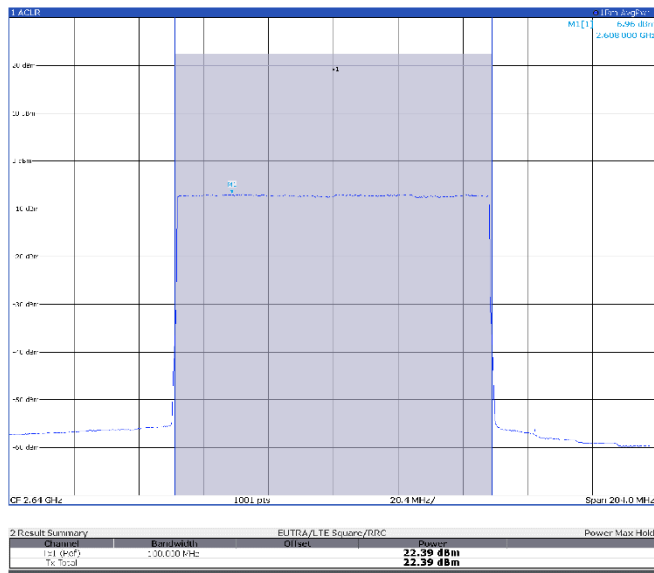
TM3p1a, 100 MHz, low channel



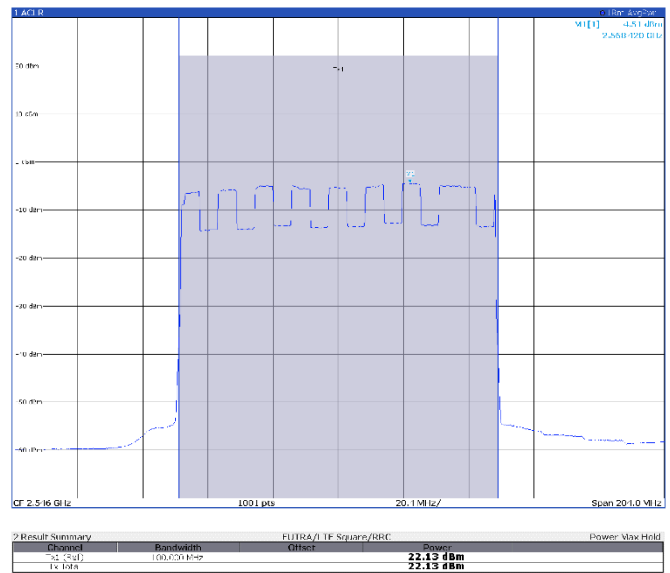
TM3p1a, 100 MHz, mid channel



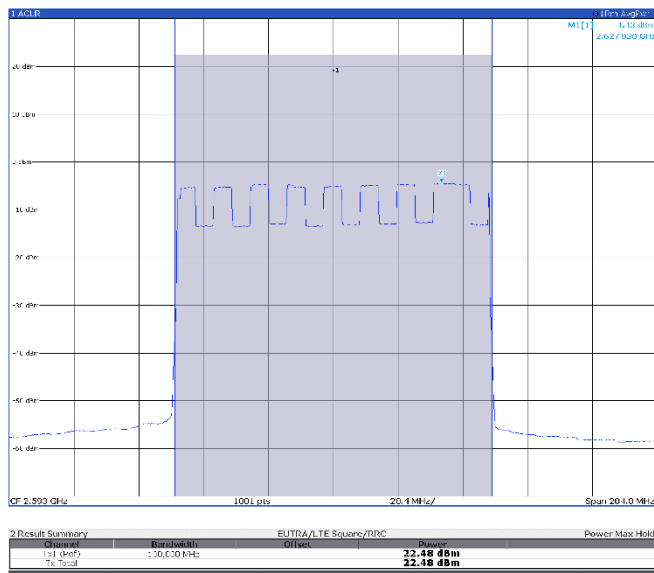
TM3p1a, 100 MHz, high channel



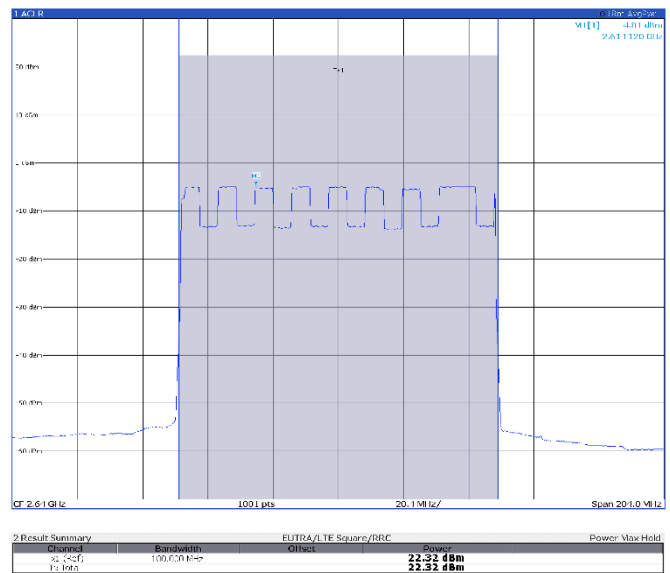
TM3p3, 100 MHz, low channel



TM3p3, 100 MHz, mid channel



TM3p3, 100 MHz, high channel



8.5 FCC §27.50(d)(5) Peak to Average Power Ratio

8.5.1 Definitions and limits

d) (5) Equipment employed must be authorized in accordance with the provisions of § 24.51. Power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (d)(6) of this section. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

(6) Peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage. The measurement results shall be properly adjusted for any instrument limitations, such as detector response times, limited resolution bandwidth capability when compared to the emission bandwidth, sensitivity, and any other relevant factors, so as to obtain a true peak measurement for the emission in question over the full bandwidth of the channel.

8.5.2 Test summary

Test start date	October 16, 2024	Temperature	22 °C
Test end date	November 27, 2024	Air pressure	1001 mbar
Test engineer	O. Frau	Relative humidity	62%
Verdict	Pass		

8.5.3 Observations, settings and special notes

Test method: ANSI C63.26 Section 5.2.3.4.

Spectrum analyzer settings:

Resolution bandwidth	≥ OBW
Number of counts	The necessary number up to stabilizes the measured
Trace mode	Clear/Write

8.5.4 Test equipment used

Equipment	Manufacturer	Model no.	Asset no.
Spectrum Analyzer	Rohde & Schwarz	FSW43	101767

8.5.5 Test data

Antenna 1

Band n41:

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	40 MHz	1	2516.0	9.26	13	-3.74
n41	40 MHz	1	2593.0	9.60	13	-3.40
n41	40 MHz	1	2670.0	9.46	13	-3.54

Peak to average power ratio, TM1.1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	40 MHz	1	2516.0	9.44	13	-3.56
n41	40 MHz	1	2593.0	9.46	13	-3.54
n41	40 MHz	1	2670.0	9.40	13	-3.60

Peak to average power ratio, TM3p1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	40 MHz	1	2516.0	9.40	13	-3.60
n41	40 MHz	1	2593.0	9.54	13	-3.46
n41	40 MHz	1	2670.0	9.38	13	-3.62

Peak to average power ratio, TM3p1a

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	40 MHz	1	2516.0	9.60	13	-3.40
n41	40 MHz	1	2593.0	9.60	13	-3.40
n41	40 MHz	1	2670.0	9.64	13	-3.36

Peak to average power ratio, TM3p3

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	50 MHz	1	2521.0	9.72	13	-3.28
n41	50 MHz	1	2593.0	9.66	13	-3.34
n41	50 MHz	1	2665.0	9.48	13	-3.52

Peak to average power ratio, TM1.1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	50 MHz	1	2521.0	9.38	13	-3.62
n41	50 MHz	1	2593.0	9.60	13	-3.40
n41	50 MHz	1	2665.0	9.40	13	-3.60

Peak to average power ratio, TM3p1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	50 MHz	1	2521.0	9.52	13	-3.48
n41	50 MHz	1	2593.0	9.48	13	-3.52
n41	50 MHz	1	2665.0	9.50	13	-3.50

Peak to average power ratio, TM3p1a

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	50 MHz	1	2521.0	9.52	13	-3.48
n41	50 MHz	1	2593.0	9.48	13	-3.52
n41	50 MHz	1	2665.0	9.54	13	-3.46

Peak to average power ratio, TM3p3

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	60 MHz	1	2526.0	9.28	13	-3.72
n41	60 MHz	1	2593.0	9.56	13	-3.44
n41	60 MHz	1	2660.0	9.34	13	-3.66

Peak to average power ratio, TM1.1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	60 MHz	1	2526.0	9.46	13	-3.54
n41	60 MHz	1	2593.0	9.50	13	-3.50
n41	60 MHz	1	2660.0	9.46	13	-3.54

Peak to average power ratio, TM3p1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	60 MHz	1	2526.0	9.54	13	-3.46
n41	60 MHz	1	2593.0	9.36	13	-3.64
n41	60 MHz	1	2660.0	9.50	13	-3.50

Peak to average power ratio, TM3p1a

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	60 MHz	1	2526.0	9.56	13	-3.44
n41	60 MHz	1	2593.0	9.58	13	-3.42
n41	60 MHz	1	2660.0	9.72	13	-3.28

Peak to average power ratio, TM3p3

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	80 MHz	1	2536.0	9.56	13	-3.44
n41	80 MHz	1	2593.0	9.48	13	-3.52
n41	80 MHz	1	2650.0	9.50	13	-3.50

Peak to average power ratio, TM1.1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	80 MHz	1	2536.0	9.30	13	-3.70
n41	80 MHz	1	2593.0	9.44	13	-3.56
n41	80 MHz	1	2650.0	9.40	13	-3.60

Peak to average power ratio, TM3p1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	80 MHz	1	2536.0	9.62	13	-3.38
n41	80 MHz	1	2593.0	9.52	13	-3.48
n41	80 MHz	1	2650.0	9.48	13	-3.52

Peak to average power ratio, TM3p1a

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	80 MHz	1	2536.0	9.40	13	-3.60
n41	80 MHz	1	2593.0	9.50	13	-3.50
n41	80 MHz	1	2650.0	9.54	13	-3.46

Peak to average power ratio, TM3p3

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	90 MHz	1	2541.0	9.58	13	-3.42
n41	90 MHz	1	2593.0	9.56	13	-3.44
n41	90 MHz	1	2645.0	9.48	13	-3.52

Peak to average power ratio, TM1.1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	90 MHz	1	2541.0	9.54	13	-3.46
n41	90 MHz	1	2593.0	9.58	13	-3.42
n41	90 MHz	1	2645.0	9.66	13	-3.34

Peak to average power ratio, TM3p1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	90 MHz	1	2541.0	9.44	13	-3.56
n41	90 MHz	1	2593.0	9.58	13	-3.42
n41	90 MHz	1	2645.0	9.48	13	-3.52

Peak to average power ratio, TM3p1a

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	90 MHz	1	2541.0	9.52	13	-3.48
n41	90 MHz	1	2593.0	9.70	13	-3.30
n41	90 MHz	1	2645.0	9.50	13	-3.50

Peak to average power ratio, TM3p3

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	100 MHz	1	2546.0	9.48	13	-3.52
n41	100 MHz	1	2593.0	9.46	13	-3.54
n41	100 MHz	1	2640.0	9.40	13	-3.60

Peak to average power ratio, TM1.1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	100 MHz	1	2546.0	9.74	13	-3.26
n41	100 MHz	1	2593.0	9.72	13	-3.28
n41	100 MHz	1	2640.0	9.78	13	-3.22

Peak to average power ratio, TM3p1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	100 MHz	1	2546.0	9.60	13	-3.40
n41	100 MHz	1	2593.0	9.48	13	-3.52
n41	100 MHz	1	2640.0	9.36	13	-3.64

Peak to average power ratio, TM3p1a

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	100 MHz	1	2546.0	9.66	13	-3.34
n41	100 MHz	1	2593.0	9.70	13	-3.30
n41	100 MHz	1	2640.0	9.66	13	-3.34

Peak to average power ratio, TM3p3

Antenna 2

Band n41:

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	40 MHz	2	2516.0	9.42	13	-3.58
n41	40 MHz	2	2593.0	9.42	13	-3.58
n41	40 MHz	2	2670.0	9.34	13	-3.66

Peak to average power ratio, TM1.1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	40 MHz	2	2516.0	9.28	13	-3.72
n41	40 MHz	2	2593.0	9.58	13	-3.42
n41	40 MHz	2	2670.0	9.50	13	-3.50

Peak to average power ratio, TM3p1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	40 MHz	2	2516.0	9.46	13	-3.54
n41	40 MHz	2	2593.0	9.58	13	-3.42
n41	40 MHz	2	2670.0	9.44	13	-3.56

Peak to average power ratio, TM3p1a

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	40 MHz	2	2516.0	9.46	13	-3.54
n41	40 MHz	2	2593.0	9.62	13	-3.38
n41	40 MHz	2	2670.0	9.54	13	-3.46

Peak to average power ratio, TM3p3

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	50 MHz	2	2521.0	9.58	13	-3.42
n41	50 MHz	2	2593.0	9.66	13	-3.34
n41	50 MHz	2	2665.0	9.72	13	-3.28

Peak to average power ratio, TM1.1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	50 MHz	2	2521.0	9.44	13	-3.56
n41	50 MHz	2	2593.0	9.62	13	-3.38
n41	50 MHz	2	2665.0	9.48	13	-3.52

Peak to average power ratio, TM3p1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	50 MHz	2	2521.0	9.50	13	-3.50
n41	50 MHz	2	2593.0	9.30	13	-3.70
n41	50 MHz	2	2665.0	9.50	13	-3.50

Peak to average power ratio, TM3p1a

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	50 MHz	2	2521.0	9.42	13	-3.58
n41	50 MHz	2	2593.0	9.58	13	-3.42
n41	50 MHz	2	2665.0	9.44	13	-3.56

Peak to average power ratio, TM3p3

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	60 MHz	2	2526.0	9.58	13	-3.42
n41	60 MHz	2	2593.0	9.48	13	-3.52
n41	60 MHz	2	2660.0	9.26	13	-3.74

Peak to average power ratio, TM1.1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	60 MHz	2	2526.0	9.58	13	-3.42
n41	60 MHz	2	2593.0	9.54	13	-3.46
n41	60 MHz	2	2660.0	9.56	13	-3.44

Peak to average power ratio, TM3p1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	60 MHz	2	2526.0	9.56	13	-3.44
n41	60 MHz	2	2593.0	9.56	13	-3.44
n41	60 MHz	2	2660.0	9.40	13	-3.60

Peak to average power ratio, TM3p1a

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	60 MHz	2	2526.0	9.56	13	-3.44
n41	60 MHz	2	2593.0	9.64	13	-3.36
n41	60 MHz	2	2660.0	9.60	13	-3.40

Peak to average power ratio, TM3p3

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	80 MHz	2	2536.0	9.60	13	-3.40
n41	80 MHz	2	2593.0	9.56	13	-3.44
n41	80 MHz	2	2650.0	9.40	13	-3.60

Peak to average power ratio, TM1.1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	80 MHz	2	2536.0	9.38	13	-3.62
n41	80 MHz	2	2593.0	9.44	13	-3.56
n41	80 MHz	2	2650.0	9.58	13	-3.42

Peak to average power ratio, TM3p1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	80 MHz	2	2536.0	9.68	13	-3.32
n41	80 MHz	2	2593.0	9.60	13	-3.40
n41	80 MHz	2	2650.0	9.62	13	-3.38

Peak to average power ratio, TM3p1a

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	80 MHz	2	2536.0	9.54	13	-3.46
n41	80 MHz	2	2593.0	9.50	13	-3.50
n41	80 MHz	2	2650.0	9.42	13	-3.58

Peak to average power ratio, TM3p3

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	90 MHz	2	2541.0	9.38	13	-3.62
n41	90 MHz	2	2593.0	9.54	13	-3.46
n41	90 MHz	2	2645.0	9.38	13	-3.62

Peak to average power ratio, TM1.1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	90 MHz	2	2541.0	9.50	13	-3.50
n41	90 MHz	2	2593.0	9.62	13	-3.38
n41	90 MHz	2	2645.0	9.56	13	-3.44

Peak to average power ratio, TM3p1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	90 MHz	2	2541.0	9.46	13	-3.54
n41	90 MHz	2	2593.0	9.60	13	-3.40
n41	90 MHz	2	2645.0	9.60	13	-3.40

Peak to average power ratio, TM3p1a

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	90 MHz	2	2541.0	9.58	13	-3.42
n41	90 MHz	2	2593.0	9.70	13	-3.30
n41	90 MHz	2	2645.0	9.72	13	-3.28

Peak to average power ratio, TM3p3

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	100 MHz	2	2546.0	9.56	13	-3.44
n41	100 MHz	2	2593.0	9.50	13	-3.50
n41	100 MHz	2	2640.0	9.54	13	-3.46

Peak to average power ratio, TM1.1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	100 MHz	2	2546.0	9.46	13	-3.54
n41	100 MHz	2	2593.0	9.52	13	-3.48
n41	100 MHz	2	2640.0	9.74	13	-3.26

Peak to average power ratio, TM3p1

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	100 MHz	2	2546.0	9.28	13	-3.72
n41	100 MHz	2	2593.0	9.32	13	-3.68
n41	100 MHz	2	2640.0	9.56	13	-3.44

Peak to average power ratio, TM3p1a

Band	OBW Declared	Port	Channel (MHz)	0.1% (dB)	0.1% Limit (dB)	Margin (dB)
n41	100 MHz	2	2546.0	9.64	13	-3.36
n41	100 MHz	2	2593.0	9.72	13	-3.28
n41	100 MHz	2	2640.0	9.70	13	-3.30

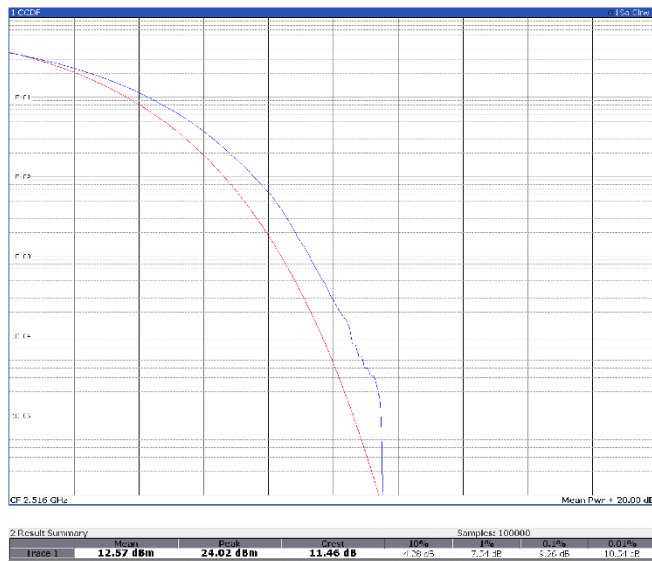
Peak to average power ratio, TM3p3

Antenna port 1

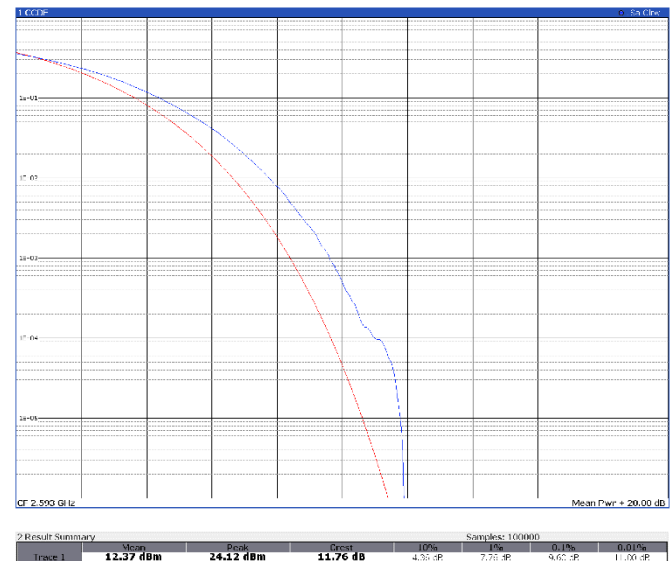
Band n41

40 MHz

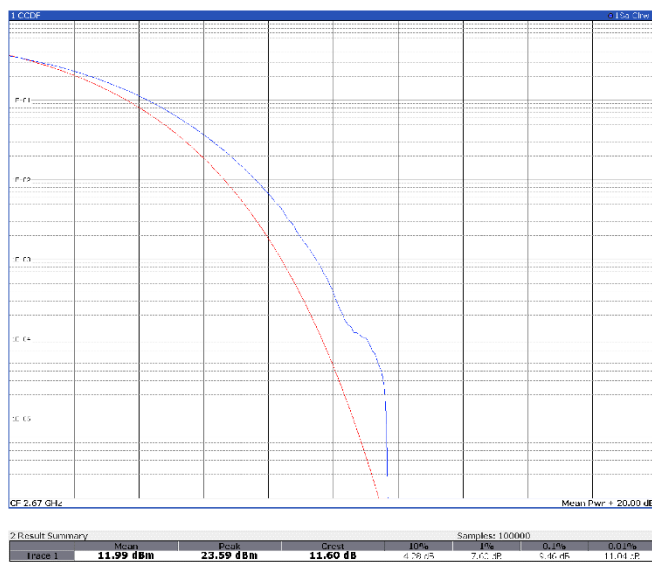
TM1.1, 40 MHz, low channel



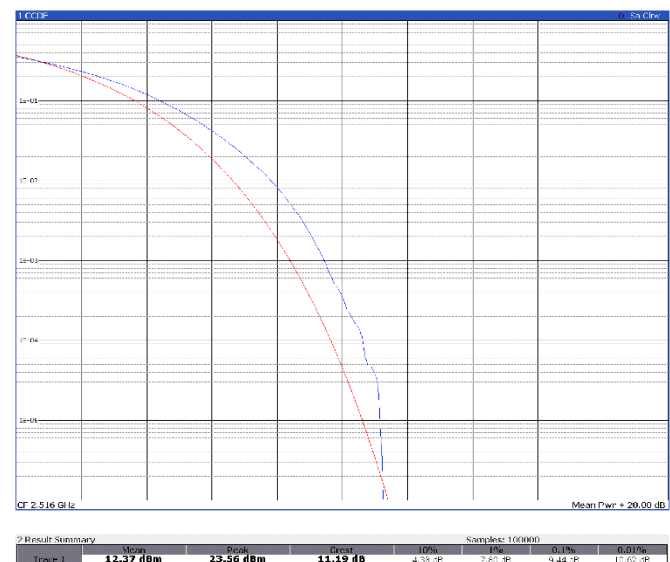
TM1.1, 40 MHz, mid channel



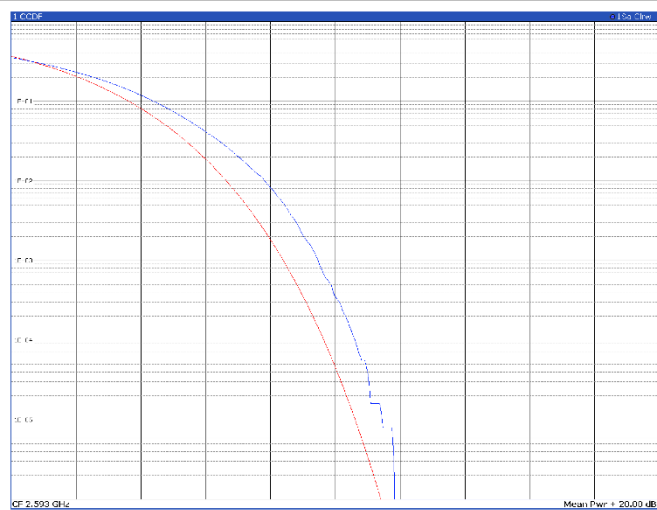
TM1.1, 40 MHz, high channel



TM3p1, 40 MHz, low channel

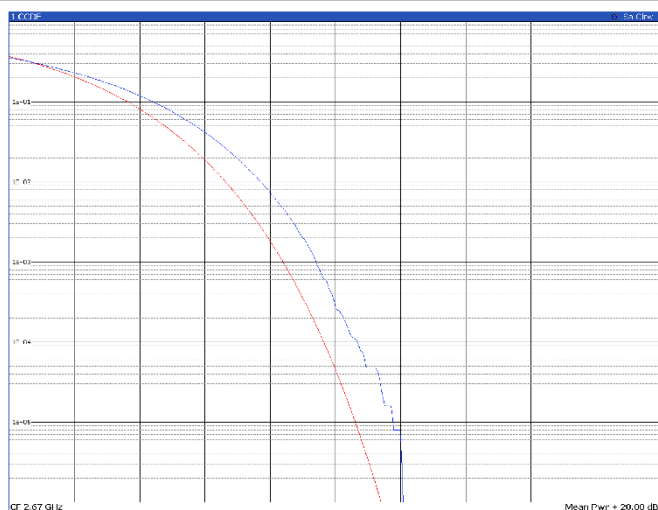


TM3p1, 40 MHz, mid channel



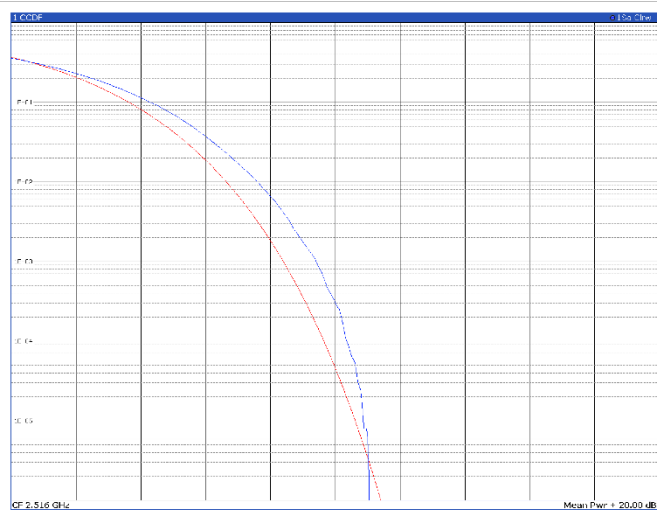
2 Result Summary				Samples: 100000			
	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	12.42 dBm	24.15 dBm	11.73 dB	-1.0 dB	7.82 dB	1.46 dB	10.61 dB

TM3p1, 40 MHz, high channel



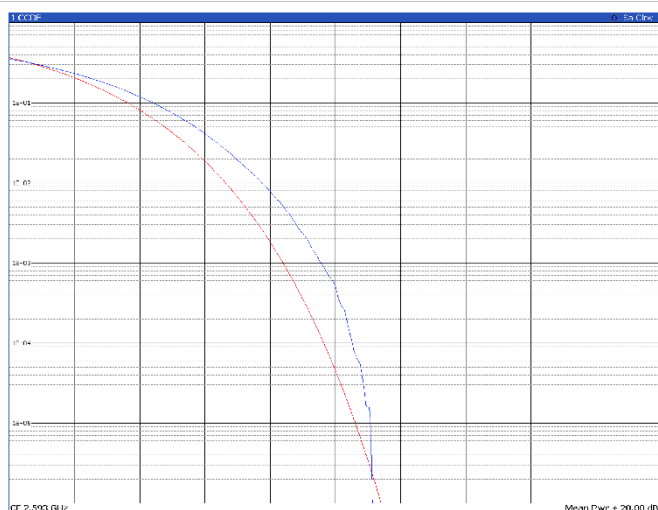
2 Result Summary				Sample: 100000		
	Mean	Peak	Count	10%	0.1%	0.01%
Line 1	11.87 dBm	23.88 dBm	12.01 dB	1.42 dB	2.20 dB	9.10 dB

TM3p1a, 40 MHz, low channel



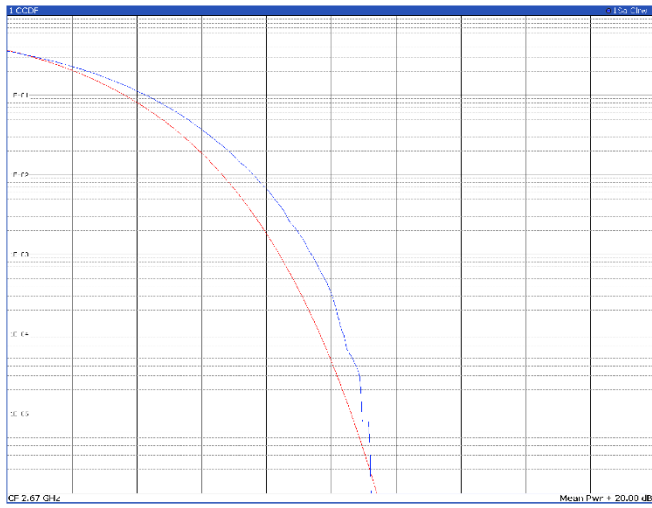
2 Result Summary				Samples: 100000			
	Mean	Peak	Crest	10%	1%	0.1%	0.01%
Trace 1	12.56 dBm	23.49 dBm	10.93 dB	-1.28 dB	7.61 dB	5.40 dB	10.35 dB

TM3p1a, 40 MHz, mid channel



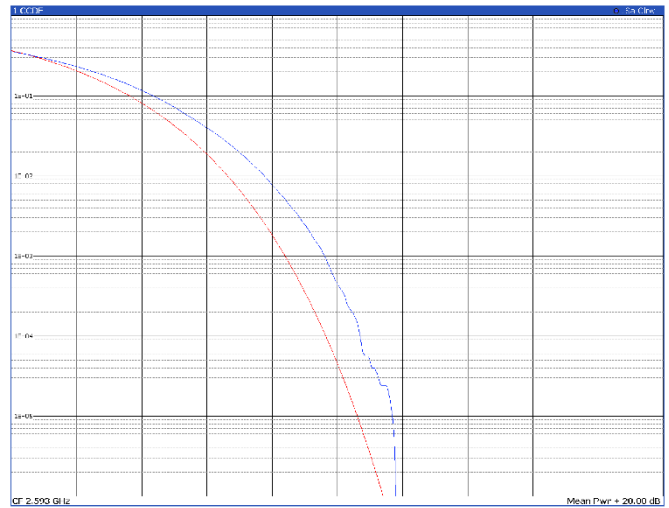
2 Result Summary				Samples: 100000			
	Mean	Peak	Crest	100%	1%	0.1%	0.01%
Time: 1	12.37 dBm	23.42 dBm	11.05 dB	-14.12 dB	-7.24 dB	-9.54 dB	-12.52 dB

TM3p1a, 40 MHz, high channel



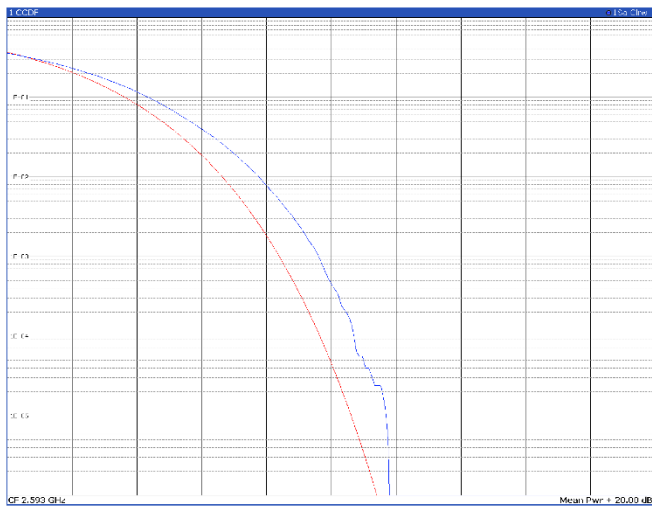
2 Result Summary		Samples: 100000	
Mean	Peak	Dist	10%
Trace 1	12.43 dBm	23.53 dBm	11.11 dB
			4.76 dB
			7.65 dB
			5.18 dB
			10.31 dB

TM3p3, 40 MHz, low channel



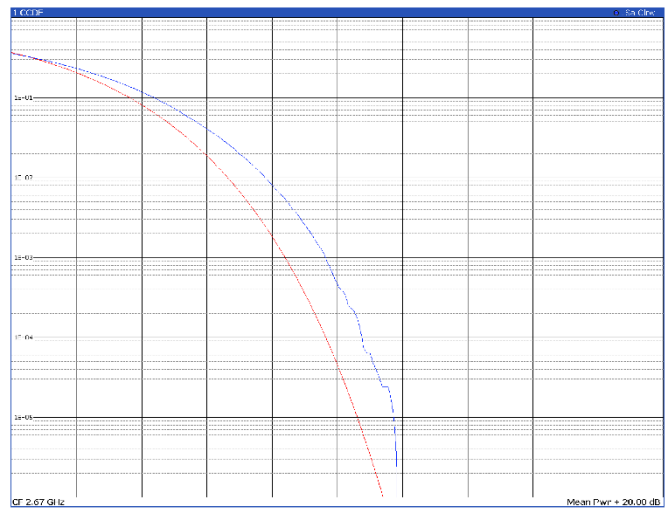
2 Result Summary		Samples: 100000	
Mean	Peak	Dist	10%
Trace 1	13.86 dBm	25.53 dBm	11.67 dB
			4.36 dB
			7.75 dB
			6.65 dB
			15.70 dB

TM3p3, 40 MHz, mid channel



2 Result Summary		Samples: 100000	
Mean	Peak	Dist	10%
Trace 1	13.86 dBm	25.53 dBm	11.67 dB
			4.31 dB
			7.75 dB
			5.50 dB
			10.71 dB

TM3p3, 40 MHz, high channel

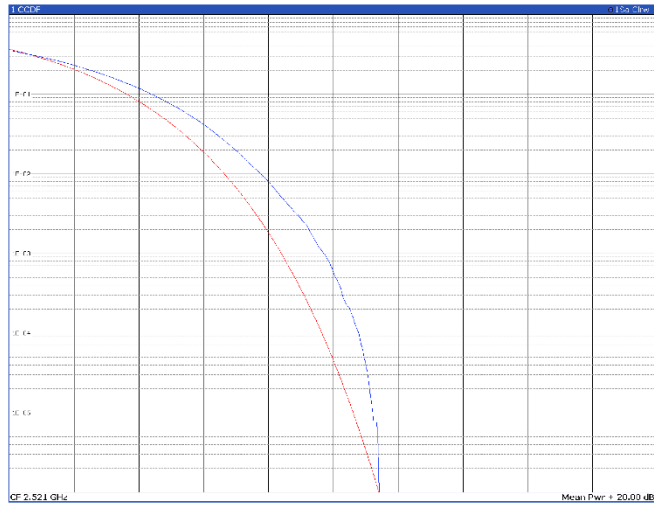


2 Result Summary		Samples: 100000	
Mean	Peak	Dist	10%
Trace 1	13.23 dBm	24.93 dBm	11.70 dB
			4.30 dB
			7.60 dB
			9.64 dB
			15.70 dB

Band n41

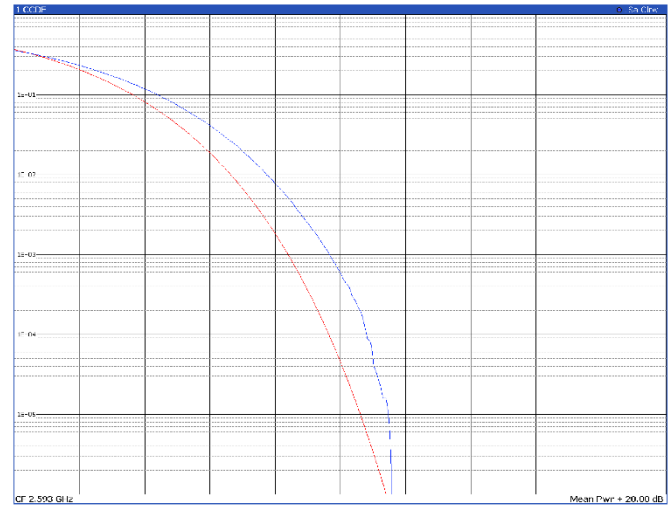
50 MHz

TM1.1, 50 MHz, low channel



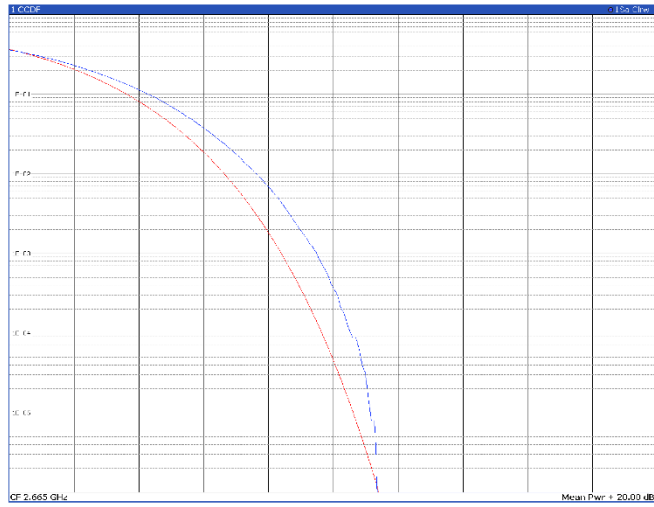
2 Result Summary		Samples: 100000					
Trace 1	Mean	Peak	Crust	10%	1%	0.1%	0.01%
	11.55 dBm	22.91 dBm	11.35 dB	4.0 dB	7.75 dB	9.75 dB	10.75 dB

TM1.1, 50 MHz, mid channel



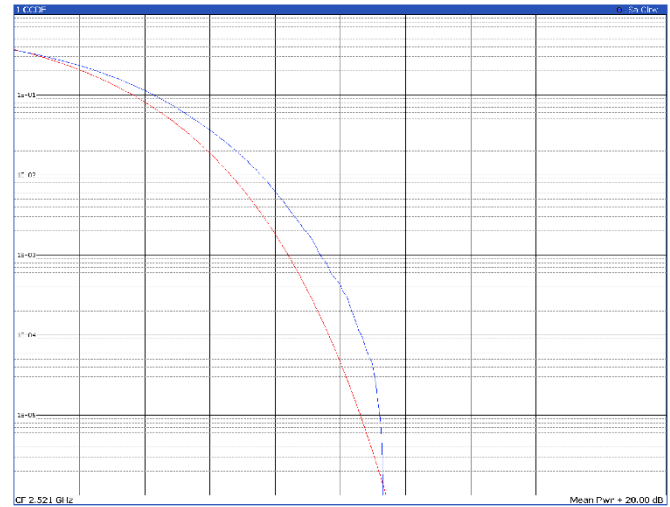
2 Result Summary		Samples: 100000					
Trace 1	Mean	Peak	Crust	10%	1%	0.1%	0.01%
	11.45 dBm	22.92 dBm	11.46 dB	4.38 dB	7.74 dB	9.61 dB	10.80 dB

TM1.1, 50 MHz, high channel



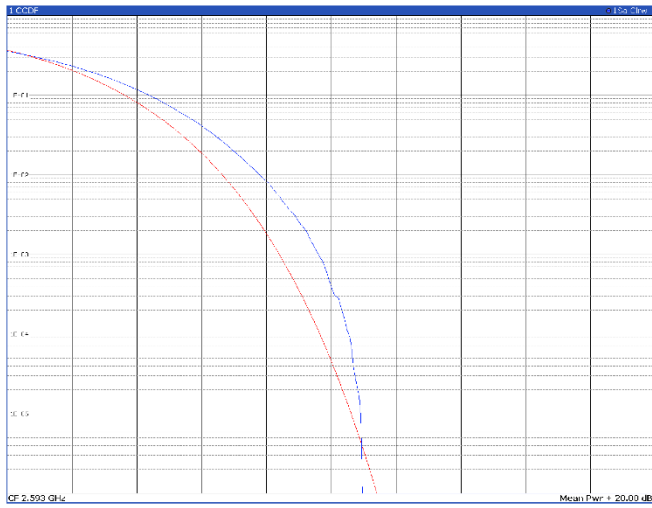
2 Result Summary		Samples: 100000					
Trace 1	Mean	Peak	Crust	10%	1%	0.1%	0.01%
	11.10 dBm	22.53 dBm	11.23 dB	4.78 dB	7.64 dB	9.48 dB	10.50 dB

TM3p1, 50 MHz, low channel



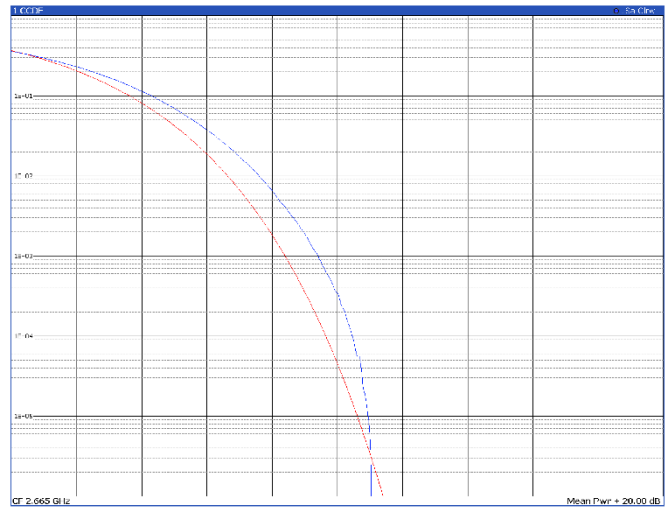
2 Result Summary		Samples: 100000					
Trace 1	Mean	Peak	Crust	10%	1%	0.1%	0.01%
	11.75 dBm	22.99 dBm	11.24 dB	4.55 dB	7.74 dB	9.55 dB	10.66 dB

TM3p1, 50 MHz, mid channel



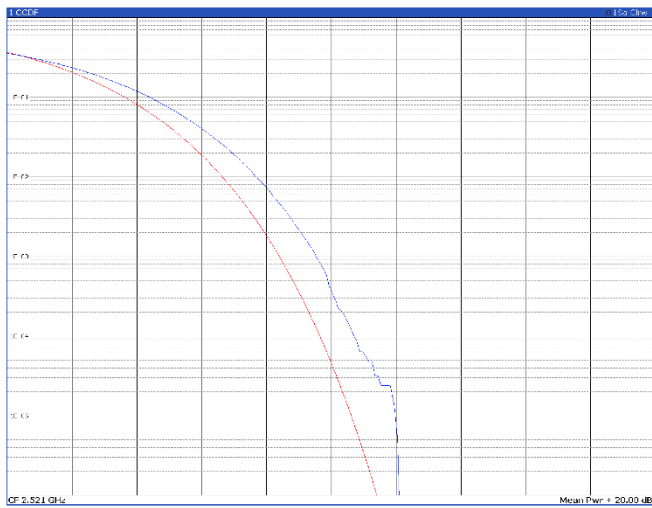
2 Result Summary		Mean		Peak		Crest		10%		1%		0.1%		0.01%	
Trace 1		11.42 dBm		22.31 dBm		10.89 dB		4.38 dB		7.80 dB		9.60 dB		10.54 dB	

TM3p1, 50 MHz, high channel



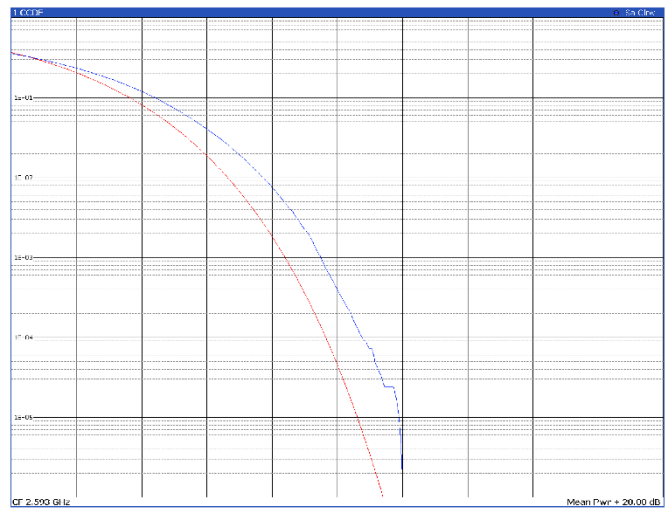
2 Result Summary		Mean		Peak		Crest		10%		1%		0.1%		0.01%	
Trace 1		11.11 dBm		22.02 dBm		10.92 dB		4.53 dB		7.65 dB		9.45 dB		10.36 dB	

TM3p1a, 50 MHz, low channel



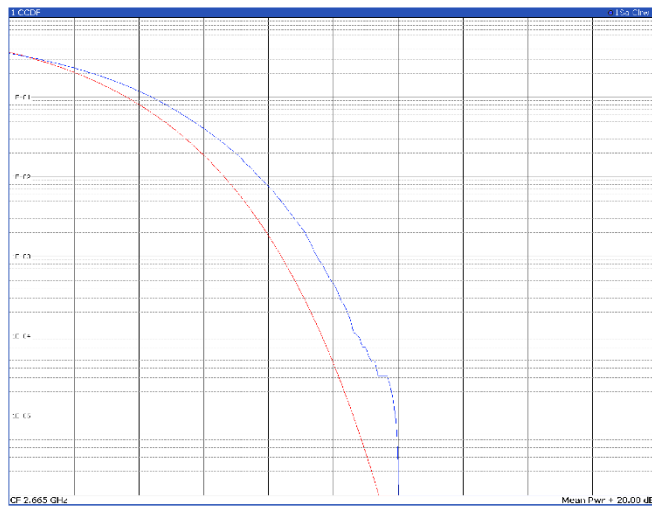
2 Result Summary		Mean		Peak		Crest		10%		1%		0.1%		0.01%	
Trace 1		11.64 dBm		23.62 dBm		11.98 dB		4.40 dB		7.60 dB		9.50 dB		10.72 dB	

TM3p1a, 50 MHz, mid channel



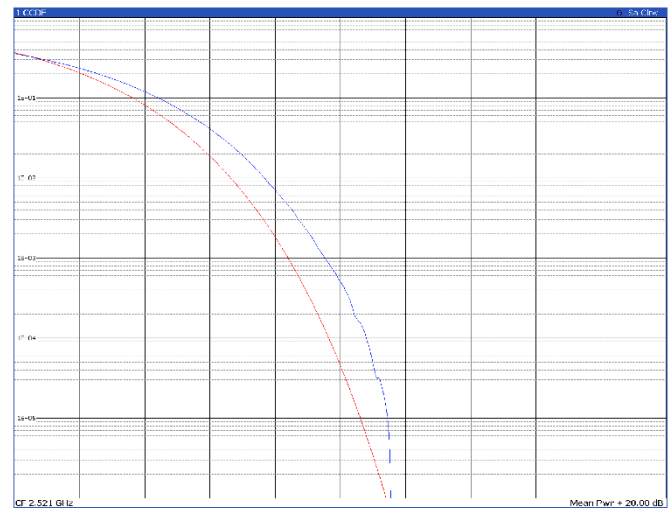
2 Result Summary		Mean		Peak		Crest		10%		1%		0.1%		0.01%	
Trace 1		11.50 dBm		23.41 dBm		11.91 dB		4.40 dB		7.72 dB		9.45 dB		10.76 dB	

TM3p1a, 50 MHz, high channel



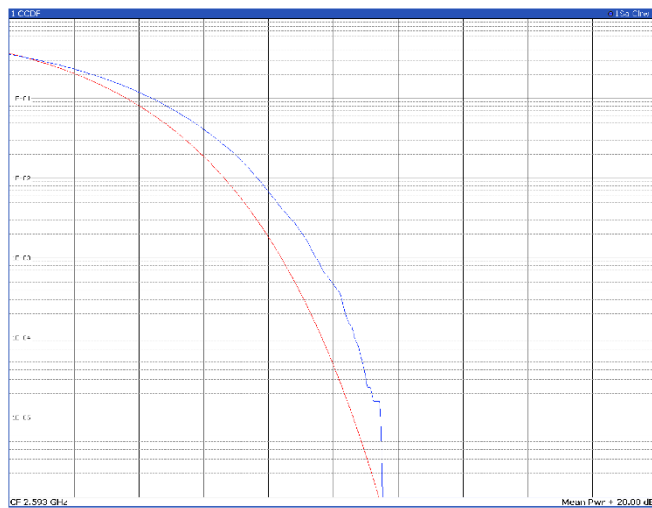
2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
	10.99 dBm	22.90 dBm	11.91 dB
	10%	1%	0.1%
	4.43 dB	7.72 dB	5.50 dB
	0.1%	0.1%	0.01%
	10.75 dB		

TM3p3, 50 MHz, low channel



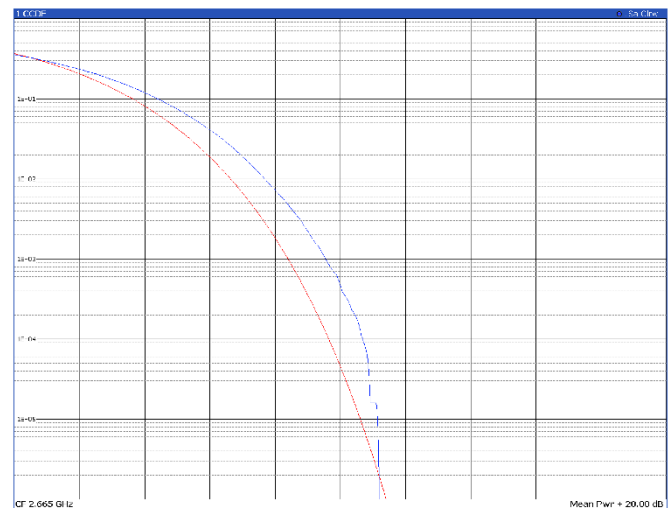
2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
	13.21 dBm	24.62 dBm	11.41 dB
	10%	1%	0.1%
	4.43 dB	7.72 dB	5.50 dB
	0.1%	0.1%	0.01%
	10.75 dB		

TM3p3, 50 MHz, mid channel



2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
	12.93 dBm	24.52 dBm	11.38 dB
	10%	1%	0.1%
	4.43 dB	7.72 dB	5.50 dB
	0.1%	0.1%	0.01%
	10.75 dB		

TM3p3, 50 MHz, high channel

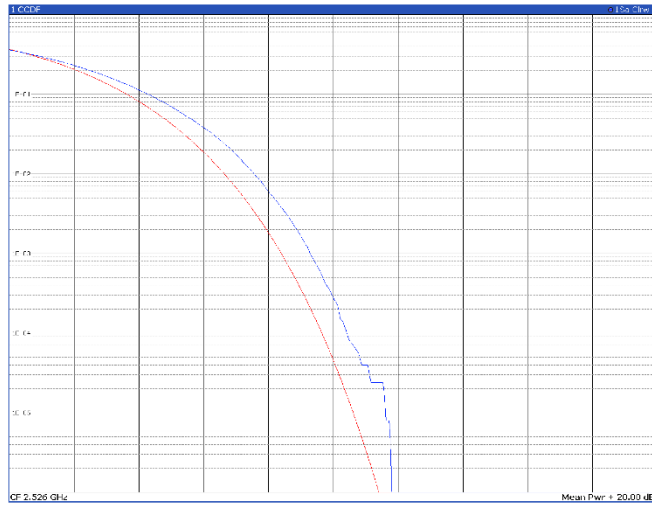


2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
	12.38 dBm	23.46 dBm	11.08 dB
	10%	1%	0.1%
	4.43 dB	7.72 dB	5.50 dB
	0.1%	0.1%	0.01%
	10.75 dB		

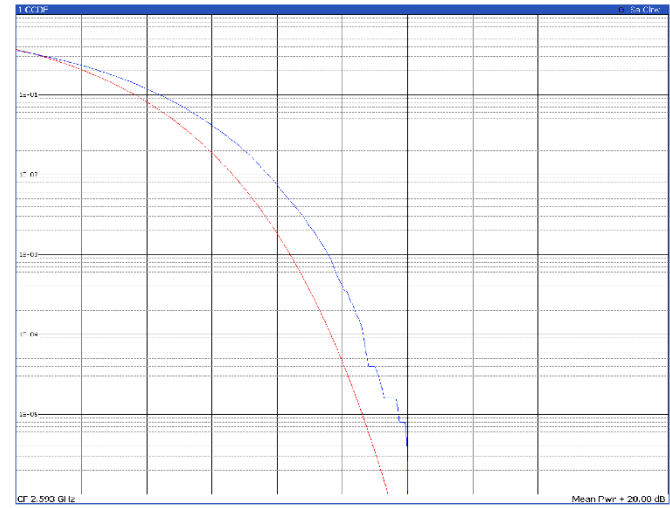
Band n41

60 MHz

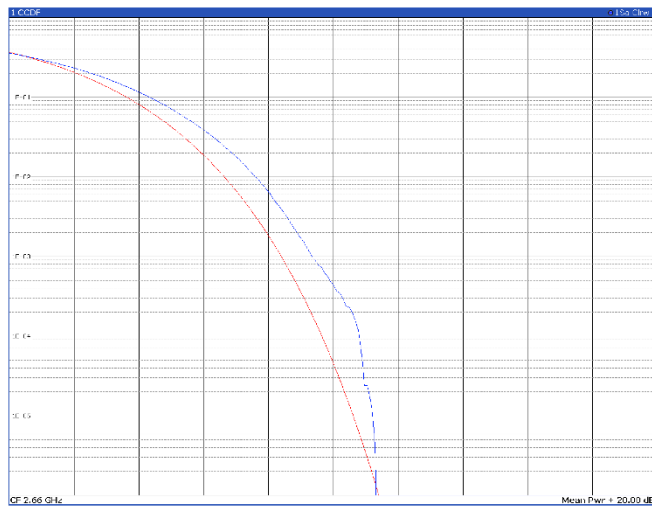
TM1.1, 60 MHz, low channel



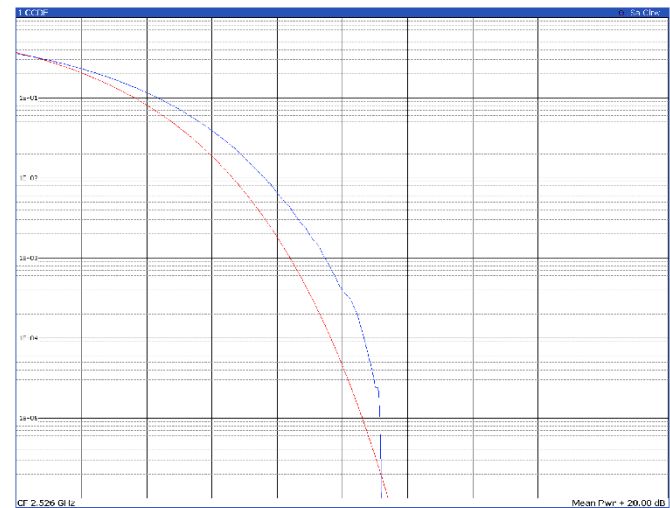
TM1.1, 60 MHz, mid channel



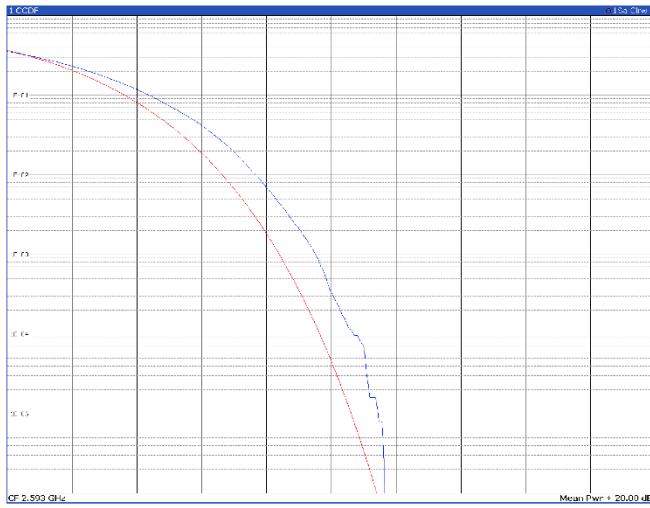
TM1.1, 60 MHz, high channel



TM3p1, 60 MHz, low channel

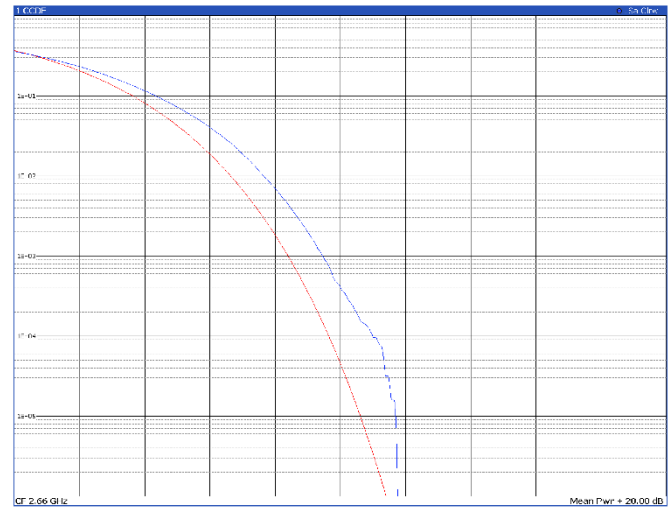


TM3p1, 60 MHz, mid channel



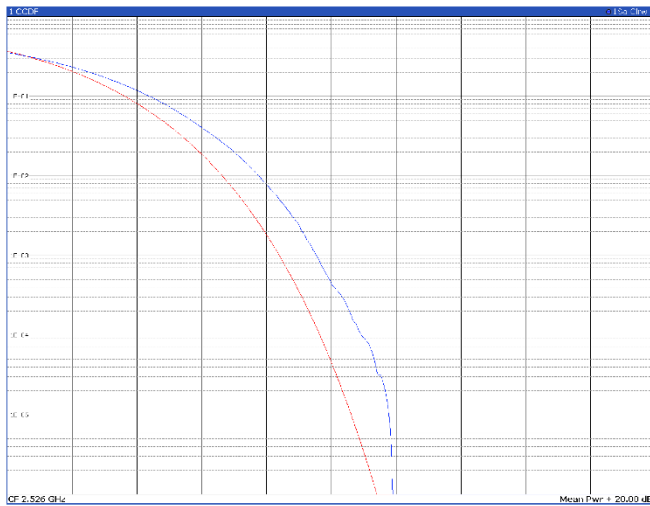
2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
	10.63 dBm	22.16 dBm	11.53 dB
			10%
			1%
			0.1%
			0.01%

TM3p1, 60 MHz, high channel



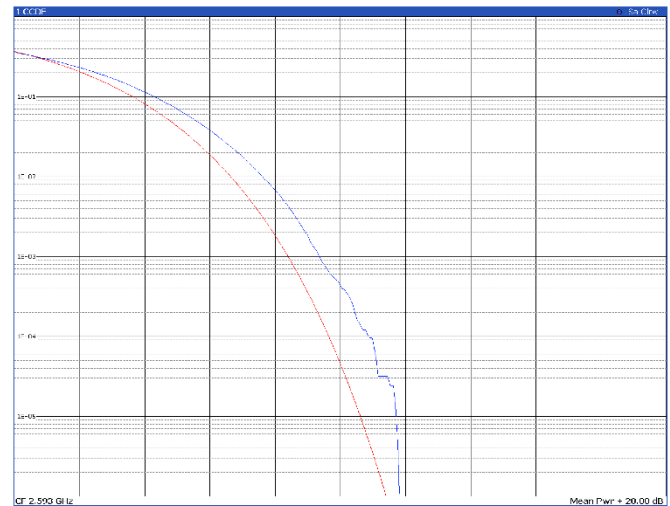
2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
	10.24 dBm	21.91 dBm	11.67 dB
			10%
			1%
			0.1%
			0.01%

TM3p1a, 60 MHz, low channel



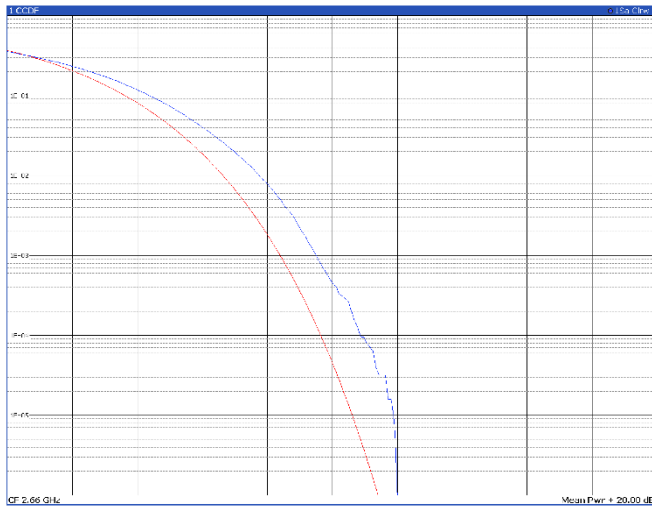
2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
	10.82 dBm	22.60 dBm	11.78 dB
			10%
			1%
			0.1%
			0.01%

TM3p1a, 60 MHz, mid channel



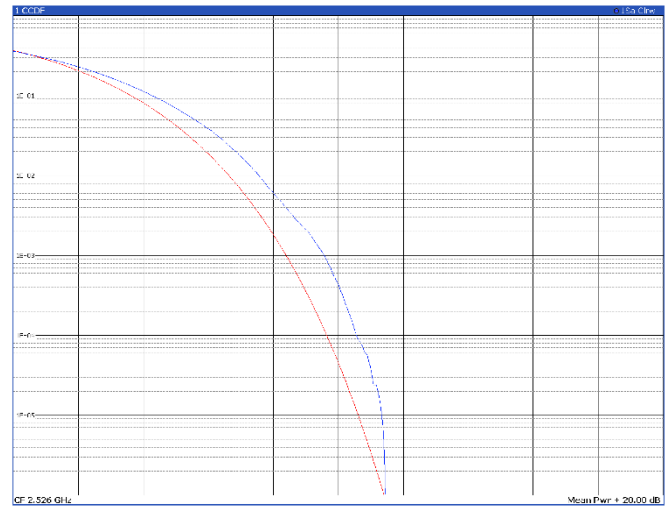
2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
	10.84 dBm	22.58 dBm	11.74 dB
			10%
			1%
			0.1%
			0.01%

TM3p1a, 60 MHz, high channel



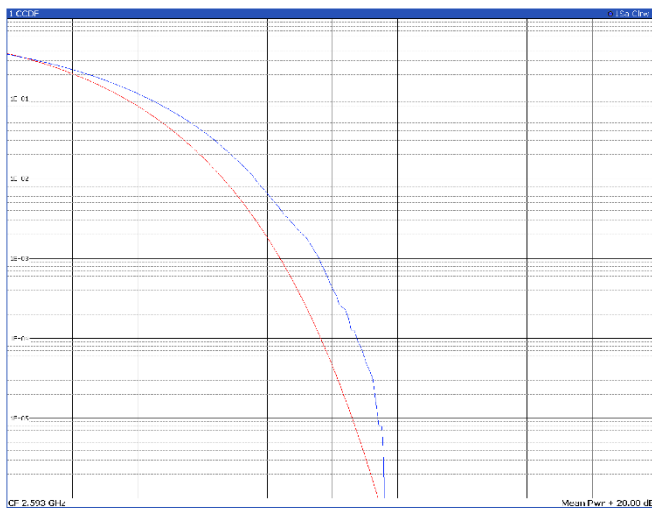
Result Summary		Mean		Peak		Density		10%		1%		0.1%		0.01%	
Trace 1		10.18 dBm		22.09 dBm		11.91 dB		4.3% dB		7.3% dB		9.3% dB		10.8% dB	

TM3p3, 60 MHz, low channel



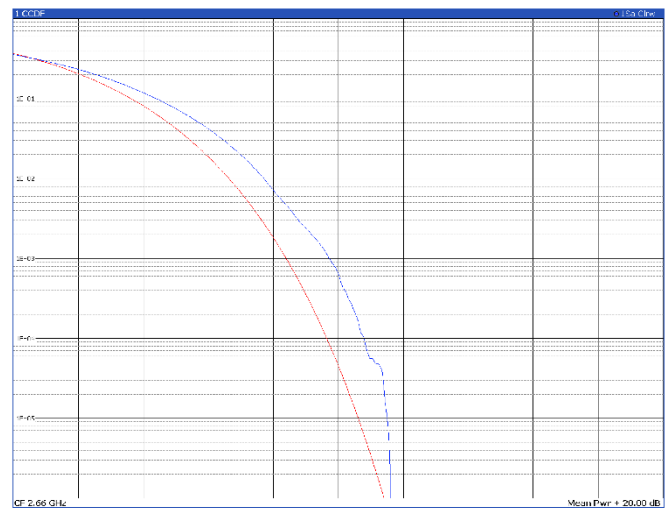
Result Summary		Mean		Peak		Density		10%		1%		0.1%		0.01%	
Trace 1		9.66 dBm		21.03 dBm		11.37 dB		4.3% dB		7.3% dB		9.3% dB		10.8% dB	

TM3p3, 60 MHz, mid channel



Result Summary		Mean		Peak		Density		10%		1%		0.1%		0.01%	
Trace 1		9.45 dBm		20.97 dBm		11.52 dB		4.3% dB		7.3% dB		9.3% dB		10.8% dB	

TM3p3, 60 MHz, high channel

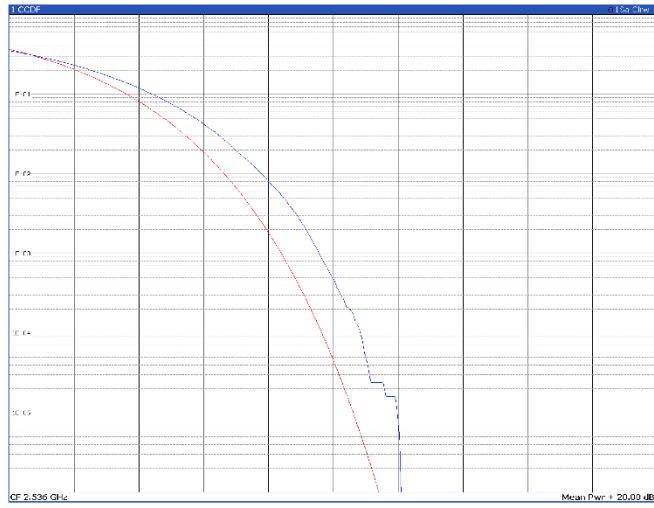


Result Summary		Mean		Peak		Density		10%		1%		0.1%		0.01%	
Trace 1		8.87 dBm		20.40 dBm		11.54 dB		4.3% dB		7.3% dB		9.3% dB		10.8% dB	

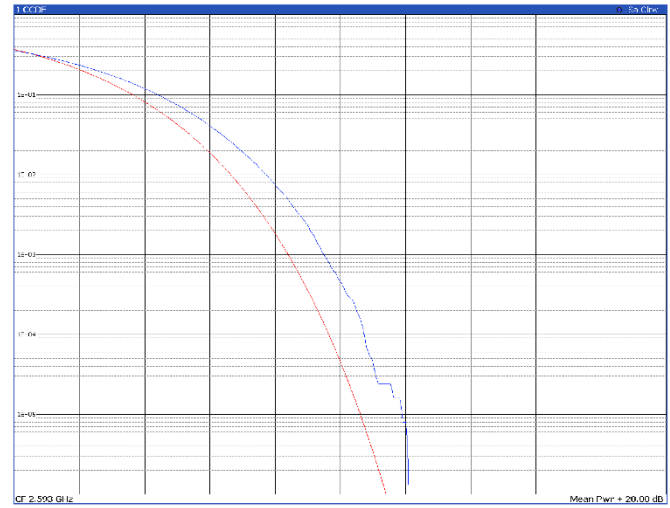
Band n41

80 MHz

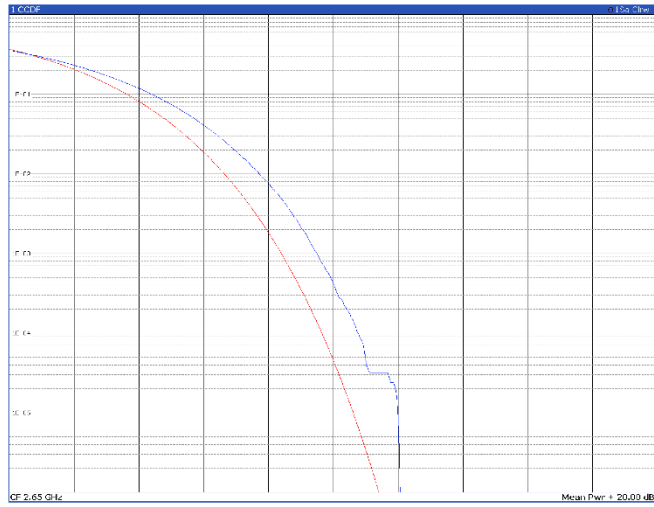
TM1.1, 80 MHz, low channel



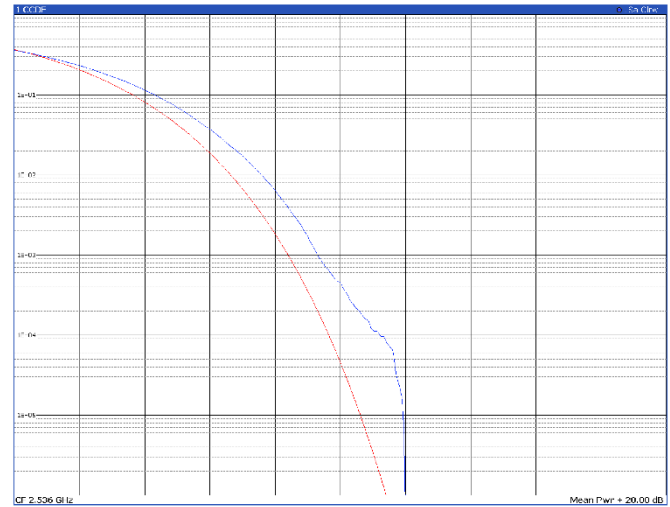
TM1.1, 80 MHz, mid channel



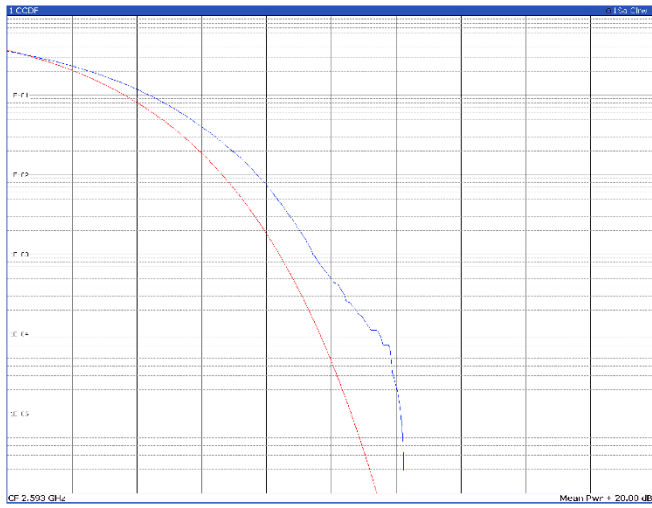
TM1.1, 80 MHz, high channel



TM3p1, 80 MHz, low channel

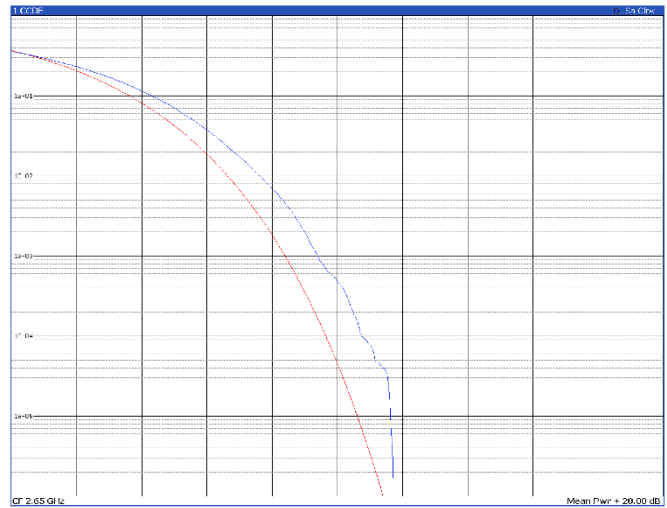


TM3p1, 80 MHz, mid channel



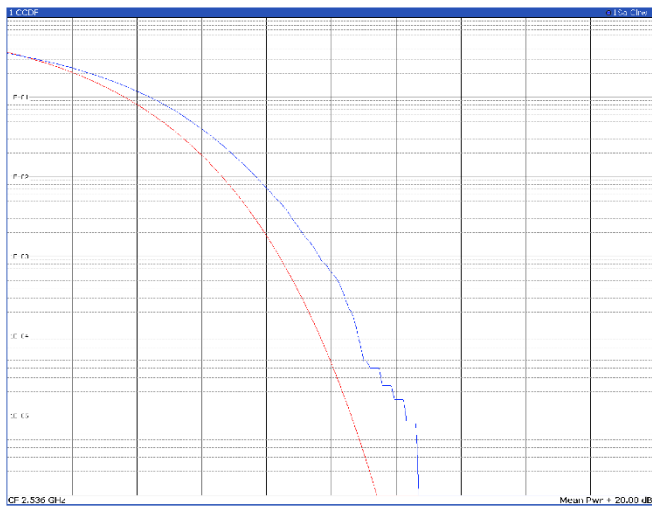
2 Result Summary		Sample: 100000	
Mean	Peak	Dist	10%
Trace 1	9.46 dBm	21.56 dBm	12.13 dB
			4.30 dB
			7.75 dB
			5.41 dB
			11.13 dB

TM3p1, 80 MHz, high channel



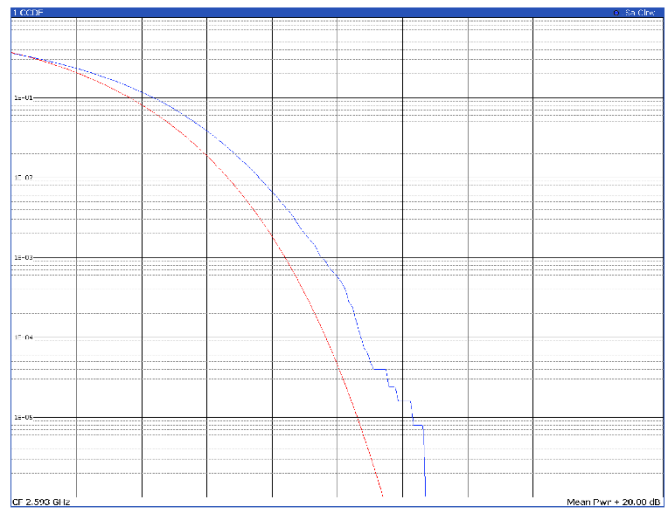
2 Result Summary		Sample: 100000	
Mean	Peak	Dist	10%
Trace 1	9.31 dBm	20.93 dBm	11.62 dB
			4.55 dB
			7.75 dB
			5.41 dB
			11.70 dB

TM3p1a, 80 MHz, low channel



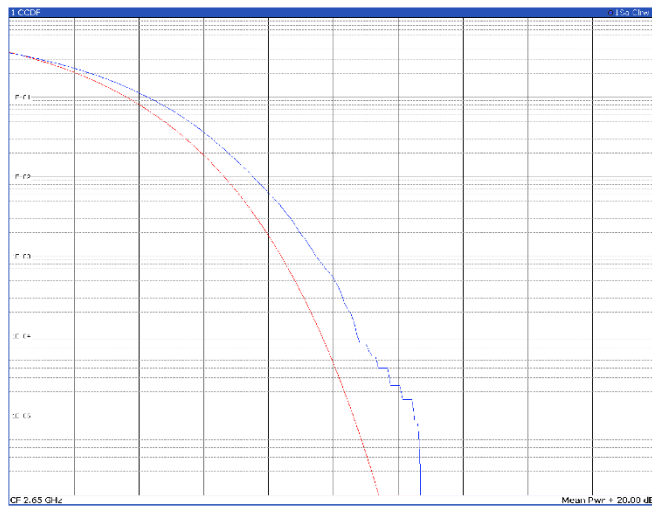
2 Result Summary		Sample: 100000	
Mean	Peak	Dist	10%
Trace 1	9.39 dBm	22.02 dBm	12.63 dB
			4.10 dB
			7.65 dB
			5.55 dB
			10.85 dB

TM3p1a, 80 MHz, mid channel



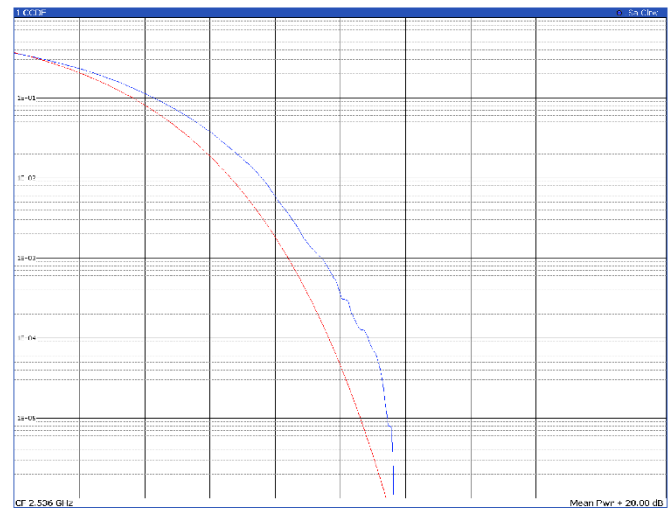
2 Result Summary		Sample: 100000	
Mean	Peak	Dist	10%
Trace 1	9.57 dBm	22.13 dBm	12.56 dB
			4.30 dB
			7.60 dB
			4.52 dB
			10.72 dB

TM3p1a, 80 MHz, high channel



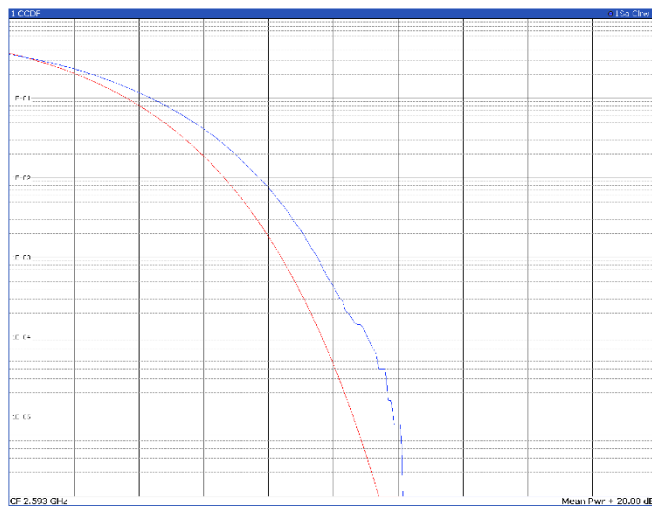
2 Result Summary		Sample: 100000	
Mean	Peak	Dist	10%
Trace 1	9.18 dBm	21.77 dBm	12.59 dB
			4.76 dB
			7.77 dB
			5.48 dB
			10.74 dB

TM3p3, 80 MHz, low channel



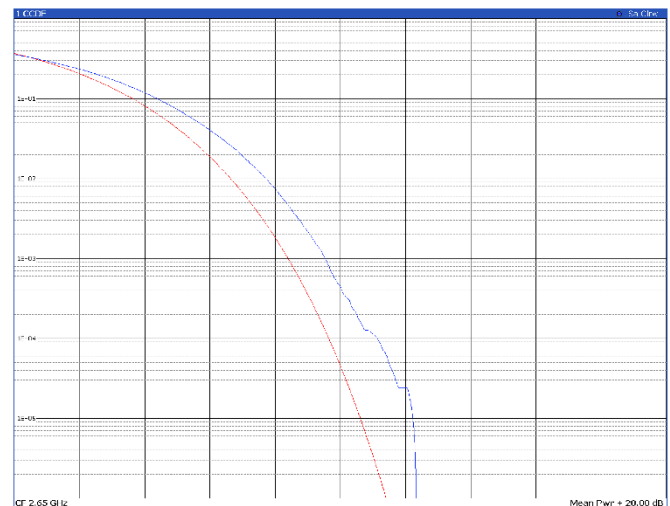
2 Result Summary		Sample: 100000	
Mean	Peak	Dist	10%
Trace 1	11.19 dBm	22.71 dBm	11.52 dB
			4.73 dB
			7.77 dB
			5.48 dB
			10.74 dB

TM3p3, 80 MHz, mid channel



2 Result Summary		Sample: 100000	
Mean	Peak	Dist	10%
Trace 1	10.98 dBm	22.98 dBm	12.01 dB
			4.76 dB
			7.77 dB
			5.48 dB
			11.01 dB

TM3p3, 80 MHz, high channel

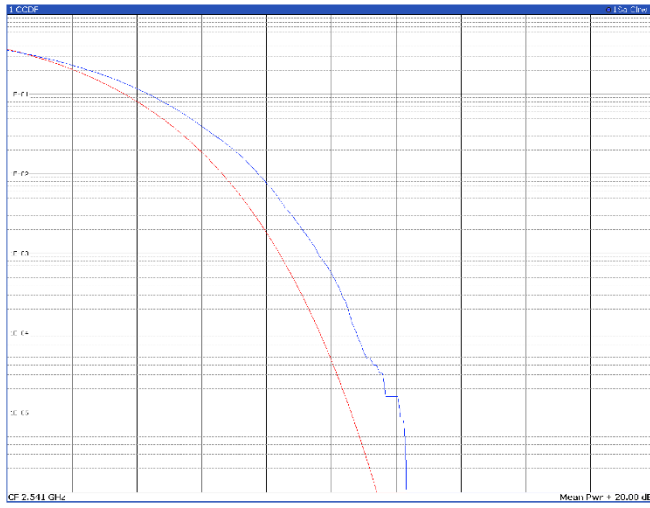


2 Result Summary		Sample: 100000	
Mean	Peak	Dist	10%
Trace 1	10.58 dBm	22.79 dBm	12.22 dB
			4.73 dB
			7.77 dB
			5.48 dB
			11.01 dB

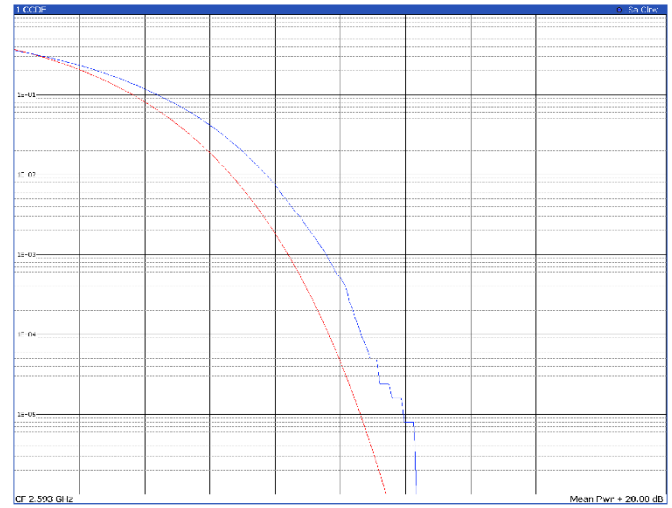
Band n41

90 MHz

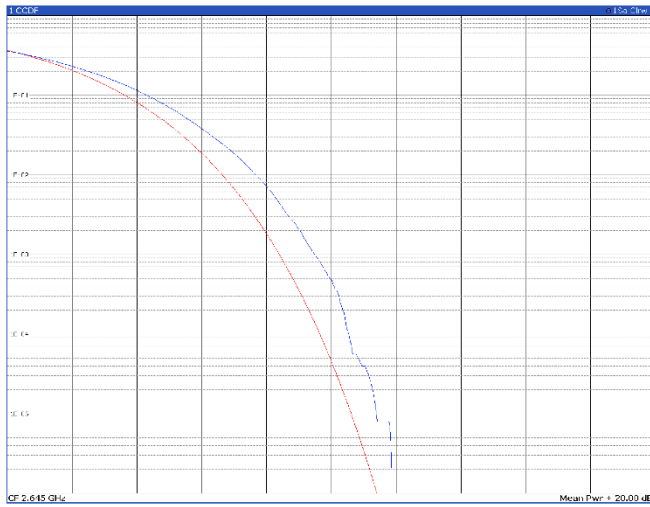
TM1.1, 90 MHz, low channel



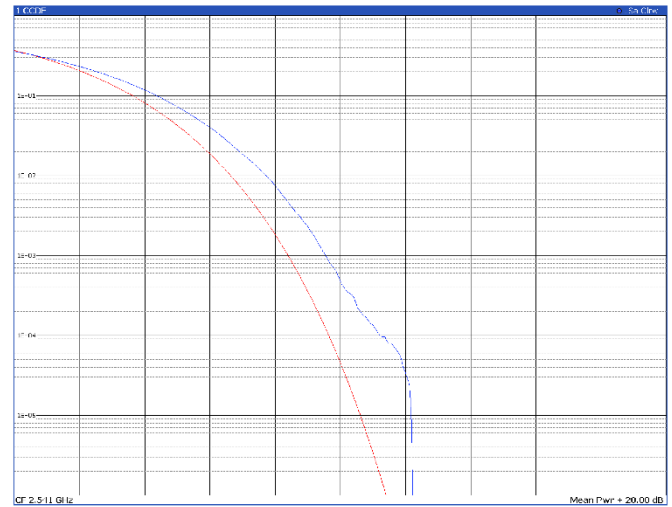
TM1.1, 90 MHz, mid channel



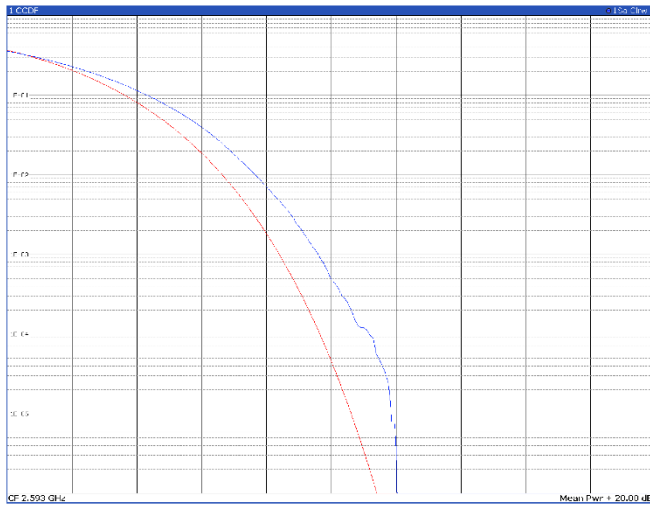
TM1.1, 90 MHz, high channel



TM3p1, 90 MHz, low channel

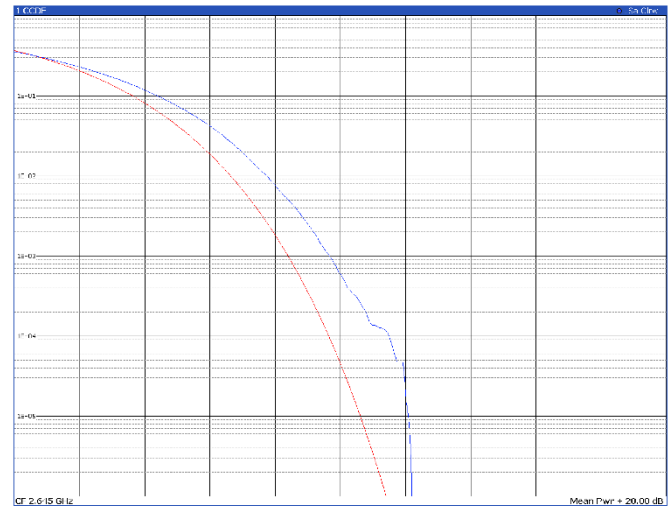


TM3p1, 90 MHz, mid channel



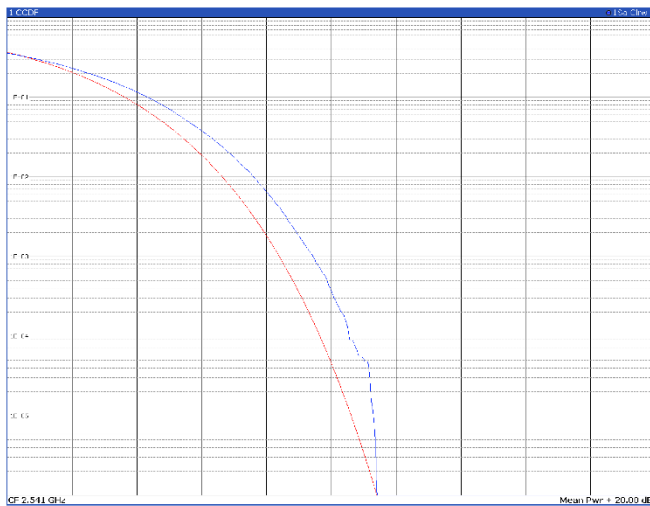
2 Result Summary						
	Mean	Peak	Crest	10%	1%	0.01%
Trace 1	8.92 dBm	20.64 dBm	11.92 dB	4.32 dB	7.64 dB	5.58 dB

TM3p1, 90 MHz, high channel



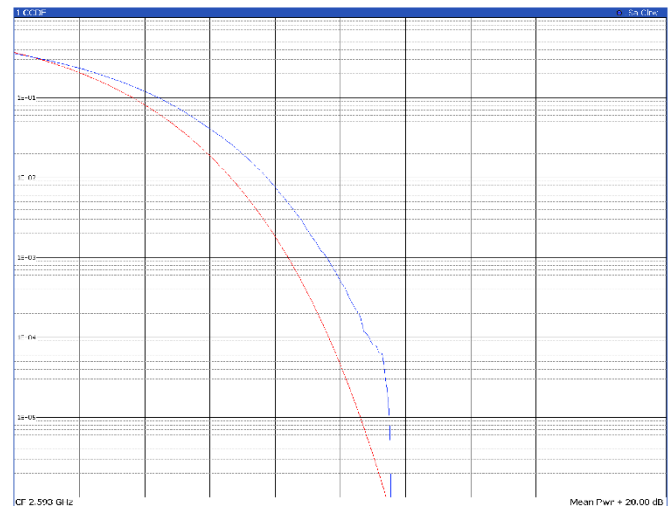
2 Result Summary						
	Mean	Peak	Crest	10%	1%	0.01%
Trace 1	8.47 dBm	20.52 dBm	12.05 dB	4.38 dB	7.74 dB	6.18 dB

TM3p1a, 90 MHz, low channel



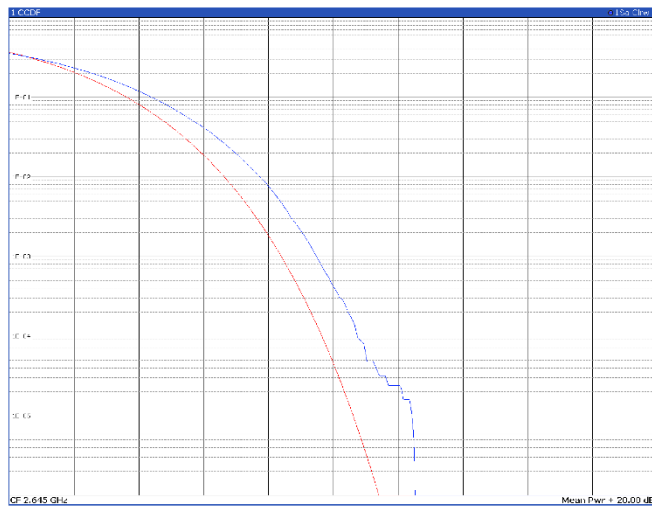
2 Result Summary						
	Mean	Peak	Crest	10%	1%	0.01%
Trace 1	8.99 dBm	20.31 dBm	11.33 dB	4.34 dB	7.62 dB	5.49 dB

TM3p1a, 90 MHz, mid channel



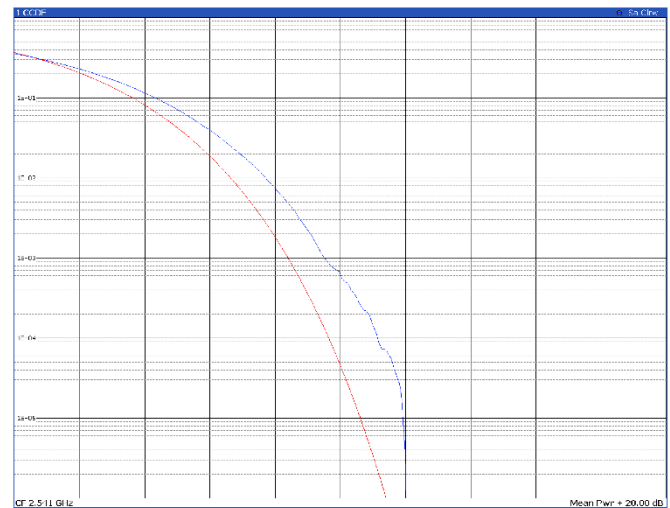
2 Result Summary						
	Mean	Peak	Crest	10%	1%	0.01%
Trace 1	8.84 dBm	20.33 dBm	11.49 dB	4.42 dB	7.55 dB	5.35 dB

TM3p1a, 90 MHz, high channel



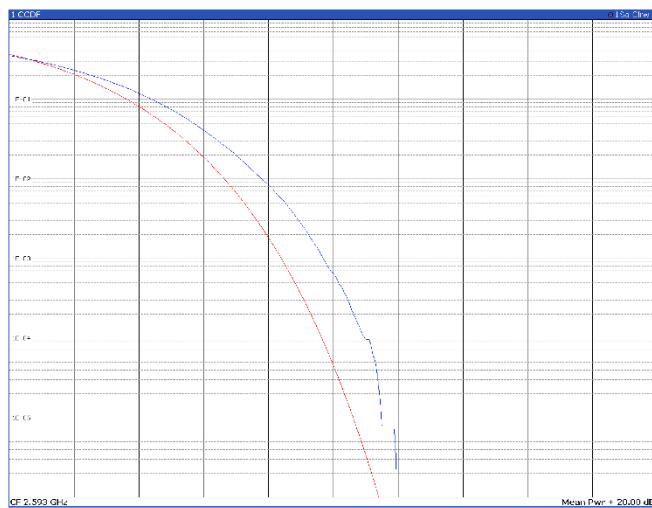
2 Result Summary		Sample: 100000	
Mean	Peak	Crest	10%
Trace 1	8.51 dBm	20.91 dBm	12.40 dB
			10%
			1%
			0.1%
			0.01%

TM3p3, 90 MHz, low channel



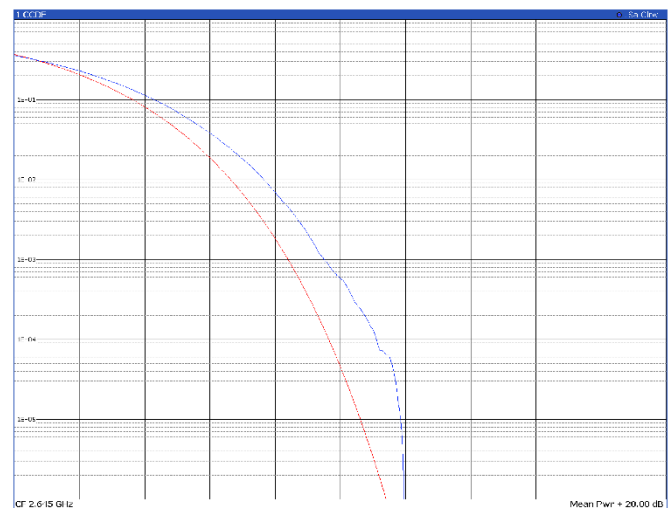
2 Result Summary		Sample: 100000	
Mean	Peak	Crest	10%
Trace 1	3.01 dBm	14.91 dBm	11.90 dB
			10%
			1%
			0.1%
			0.01%

TM3p3, 90 MHz, mid channel



2 Result Summary		Sample: 100000	
Mean	Peak	Crest	10%
Trace 1	2.89 dBm	14.73 dBm	11.84 dB
			10%
			1%
			0.1%
			0.01%

TM3p3, 90 MHz, high channel

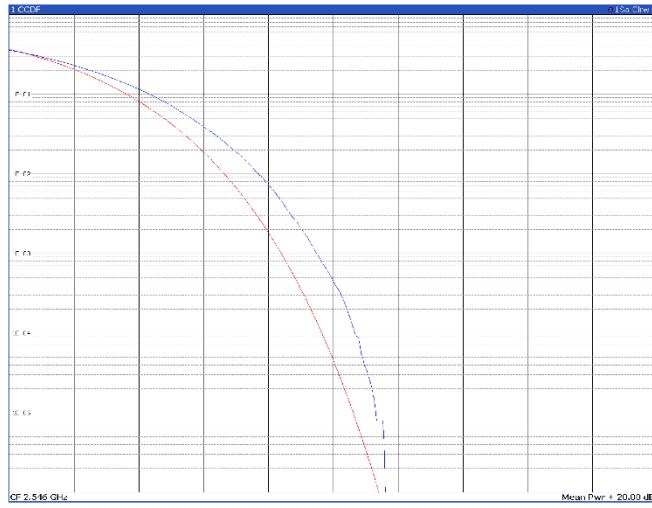


2 Result Summary		Sample: 100000	
Mean	Peak	Crest	10%
Trace 1	2.78 dBm	14.66 dBm	11.88 dB
			10%
			1%
			0.1%
			0.01%

Band n41

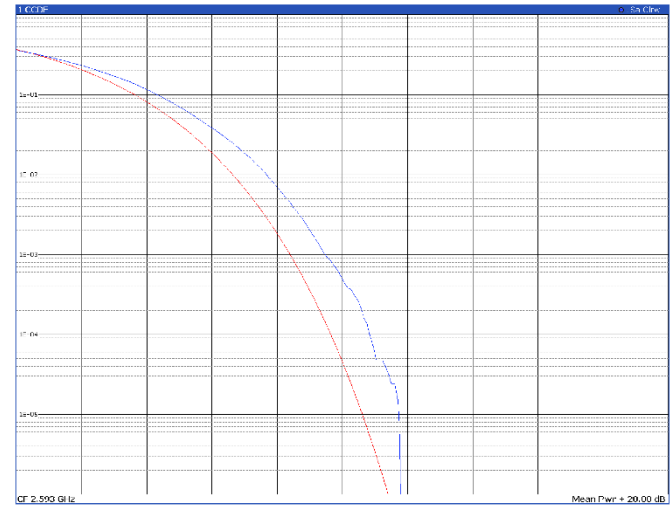
100 MHz

TM1.1, 100 MHz, low channel



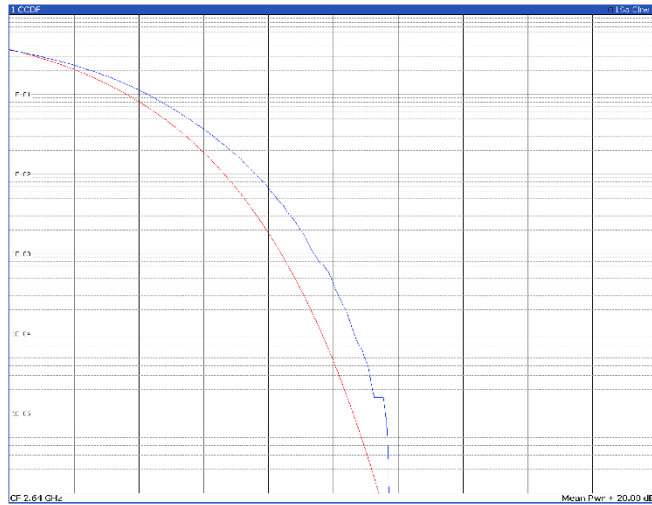
2 Result Summary						
Sample: 100000						
Trace 1	Mean	Peak	Crest	10%	1%	0.1%
	8.33 dBm	19.89 dBm	11.55 dB	4.31 dB	7.61 dB	5.48 dB

TM1.1, 100 MHz, mid channel



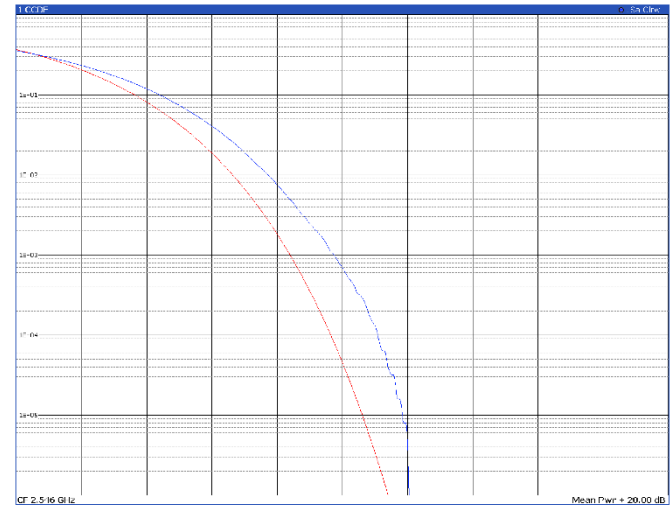
2 Result Summary						
Sample: 100000						
Trace 1	Mean	Peak	Crest	10%	1%	0.1%
	8.24 dBm	19.92 dBm	11.69 dB	4.32 dB	7.63 dB	5.41 dB

TM1.1, 100 MHz, high channel



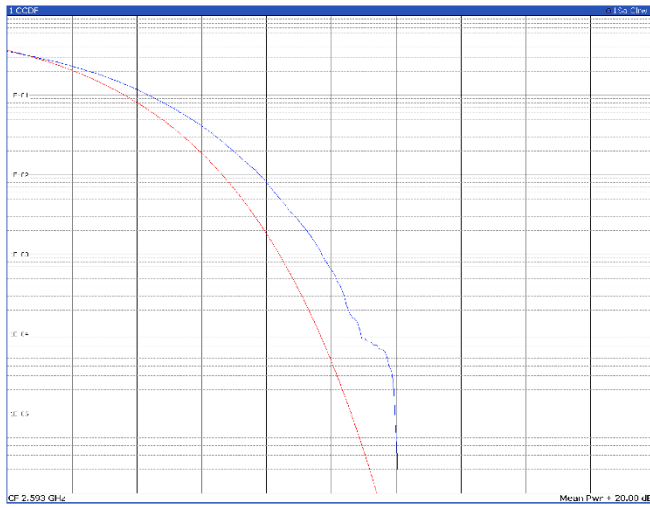
2 Result Summary						
Sample: 100000						
Trace 1	Mean	Peak	Crest	10%	1%	0.1%
	8.29 dBm	19.93 dBm	11.63 dB	4.36 dB	7.53 dB	5.40 dB

TM3p1, 100 MHz, low channel



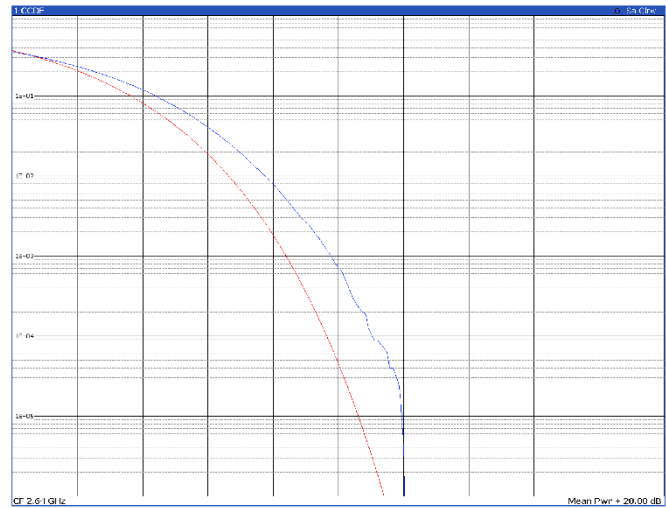
2 Result Summary						
Sample: 100000						
Trace 1	Mean	Peak	Crest	10%	1%	0.1%
	8.46 dBm	20.37 dBm	11.91 dB	4.33 dB	7.74 dB	5.74 dB

TM3p1, 100 MHz, mid channel



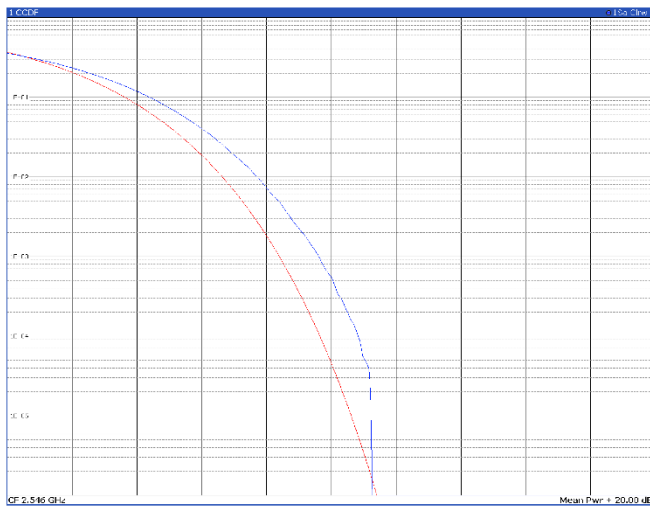
2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
	8.34 dBm	20.26 dBm	11.93 dB
			10%
			1%
			0.1%
			0.01%

TM3p1, 100 MHz, high channel



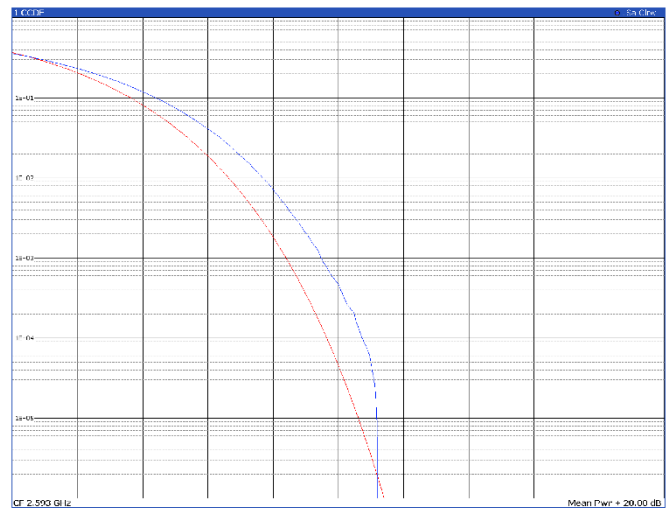
2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
	8.07 dBm	20.01 dBm	11.95 dB
			10%
			1%
			0.1%
			0.01%

TM3p1a, 100 MHz, low channel



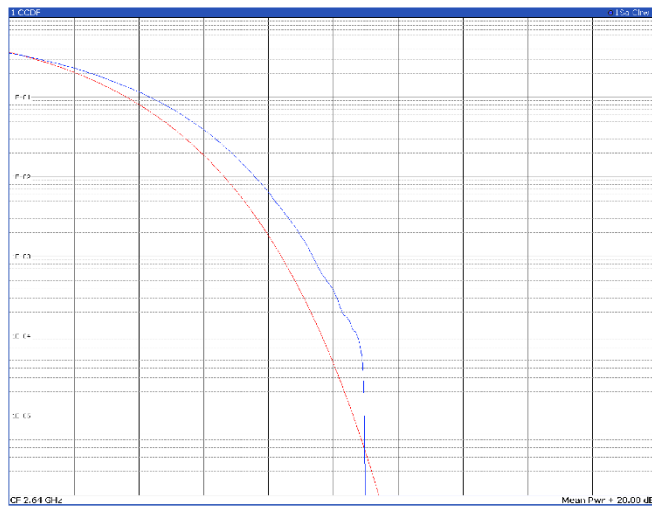
2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
	8.32 dBm	19.50 dBm	11.18 dB
			10%
			1%
			0.1%
			0.01%

TM3p1a, 100 MHz, mid channel



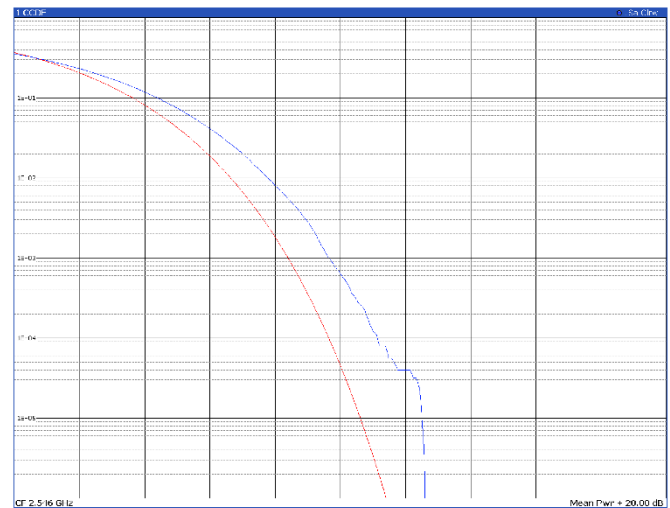
2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
	8.33 dBm	19.48 dBm	11.15 dB
			10%
			1%
			0.1%
			0.01%

TM3p1a, 100 MHz, high channel



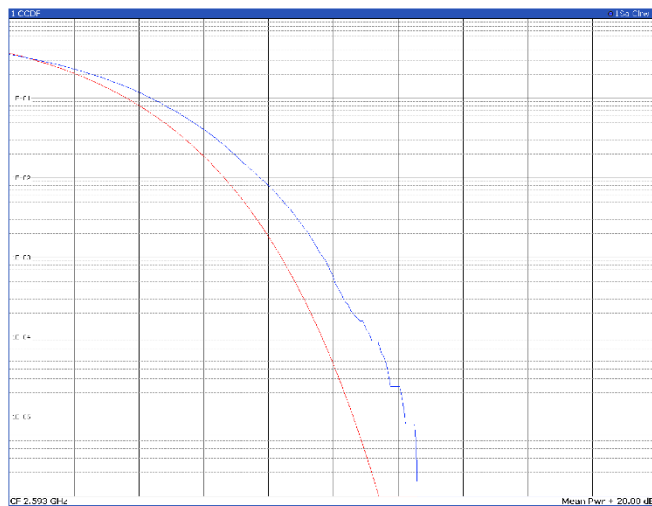
2 Result Summary		Mean		Peak		Crest		10%		1%		0.1%		0.01%	
Trace 1		8.20 dBm		19.11 dBm		10.91 dB		4.31 dB		7.55 dB		5.56 dB		10.71 dB	

TM3p3, 100 MHz, low channel



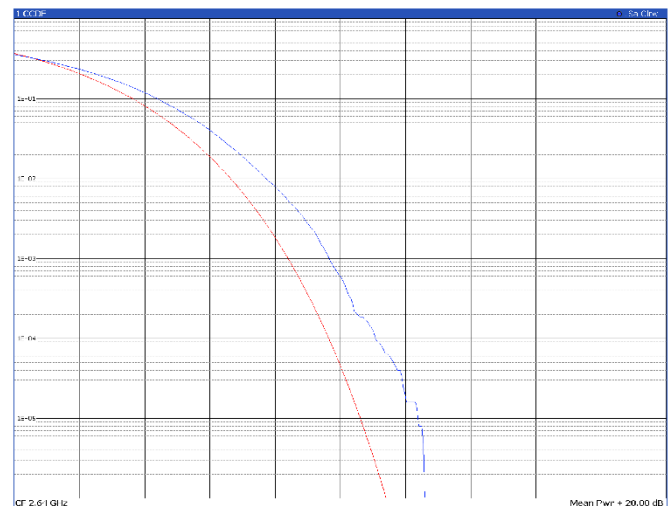
2 Result Summary		Mean		Peak		Crest		10%		1%		0.1%		0.01%	
Trace 1		10.54 dBm		23.09 dBm		12.55 dB		4.38 dB		7.75 dB		6.18 dB		11.4 dB	

TM3p3, 100 MHz, mid channel



2 Result Summary		Mean		Peak		Crest		10%		1%		0.1%		0.01%	
Trace 1		10.62 dBm		23.10 dBm		12.48 dB		4.30 dB		7.74 dB		5.70 dB		11.11 dB	

TM3p3, 100 MHz, high channel



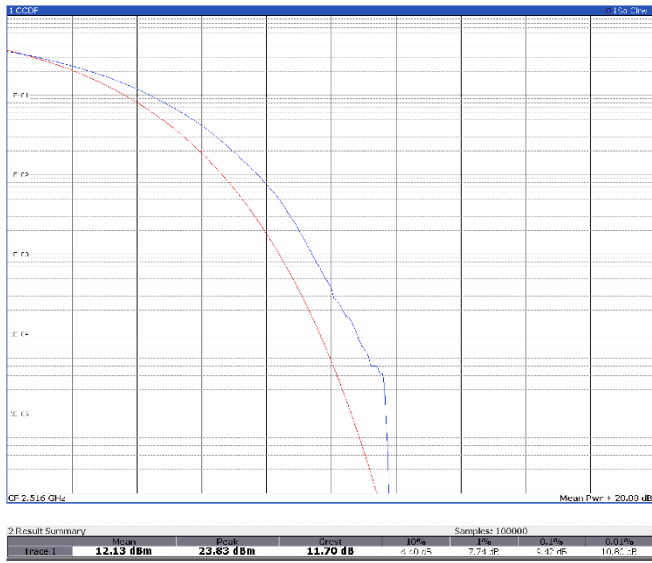
2 Result Summary		Mean		Peak		Crest		10%		1%		0.1%		0.01%	
Trace 1		10.34 dBm		22.88 dBm		12.53 dB		4.33 dB		7.74 dB		6.65 dB		11.08 dB	

Antenna port 2

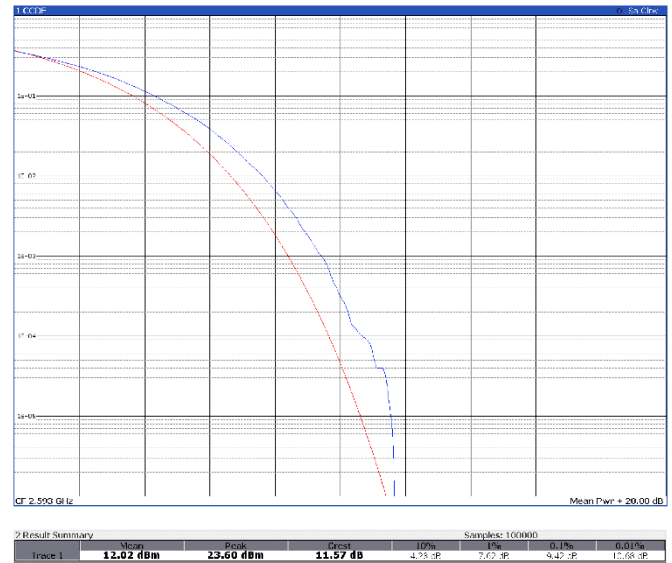
Band n41

40 MHz

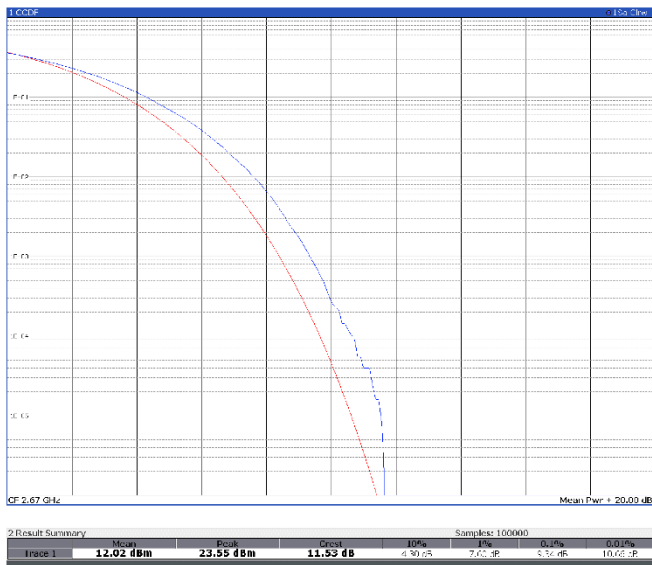
TM1.1, 40 MHz, low channel



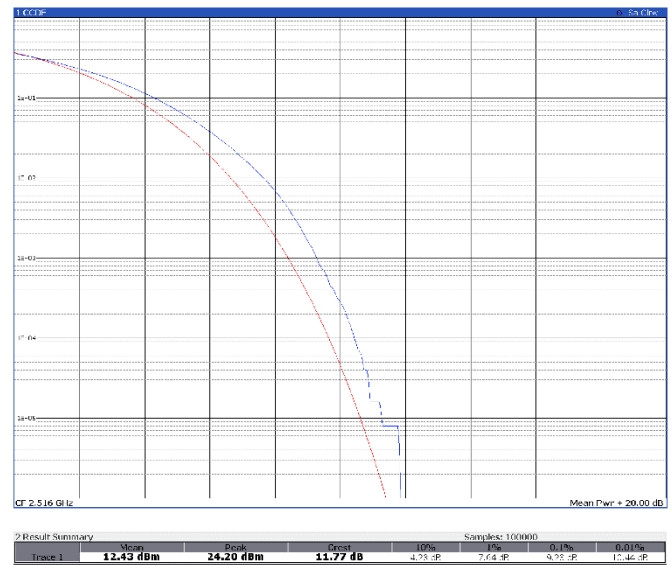
TM1.1, 40 MHz, mid channel



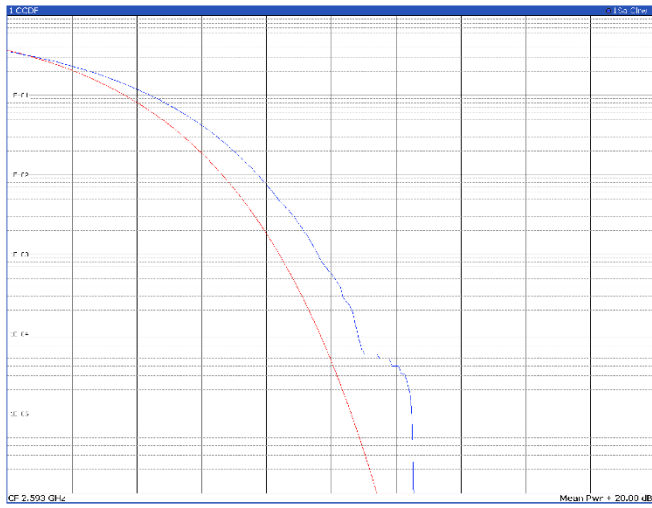
TM1.1, 40 MHz, high channel



TM3p1, 40 MHz, low channel

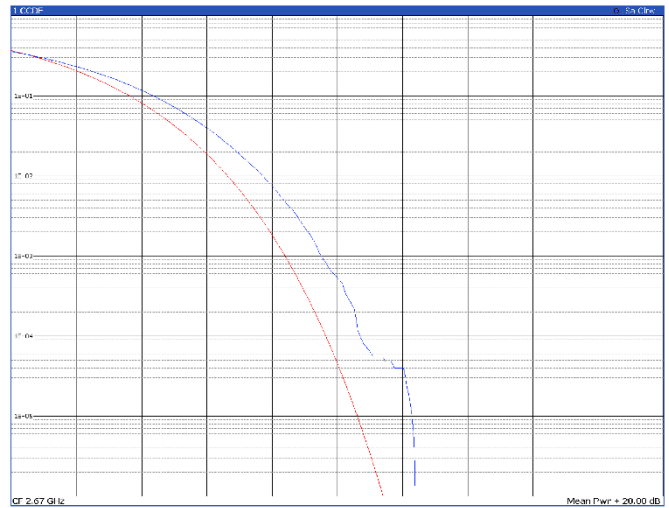


TM3p1, 40 MHz, mid channel



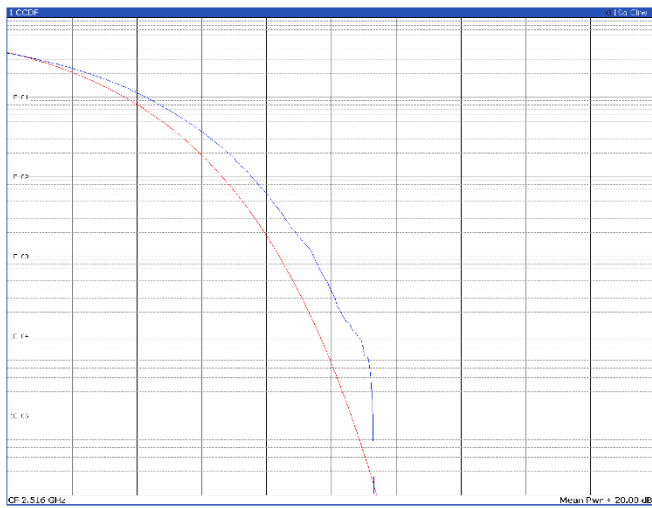
2 Result Summary		Samples: 100000	
Mean	Peak	Dist	10%
Trace 1	11.91 dBm	24.32 dBm	12.41 dB
			10%
			1%
			0.1%
			0.01%

TM3p1, 40 MHz, high channel



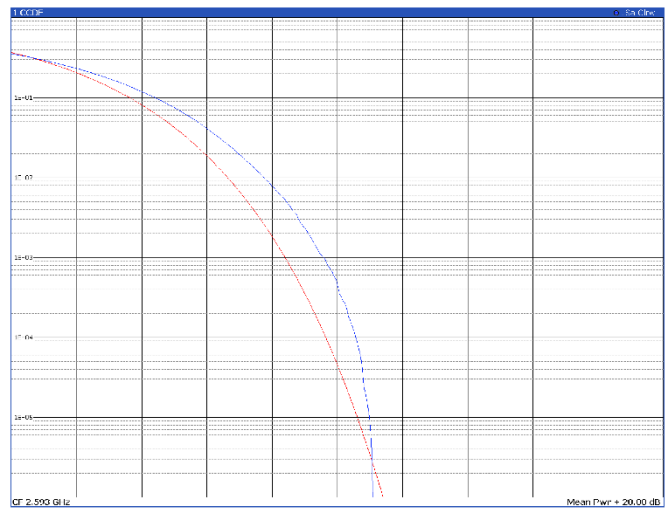
2 Result Summary		Samples: 100000	
Mean	Peak	Dist	10%
Trace 1	12.01 dBm	24.32 dBm	12.51 dB
			10%
			1%
			0.1%
			0.01%

TM3p1a, 40 MHz, low channel



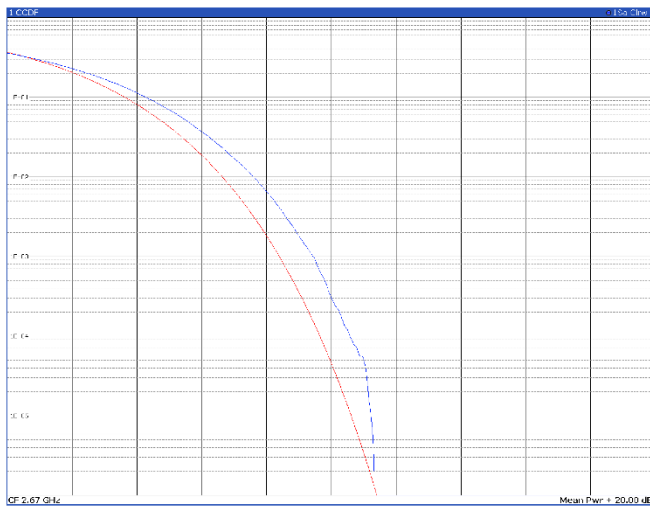
2 Result Summary		Samples: 100000	
Mean	Peak	Dist	10%
Trace 1	12.41 dBm	23.65 dBm	11.24 dB
			10%
			1%
			0.1%
			0.01%

TM3p1a, 40 MHz, mid channel



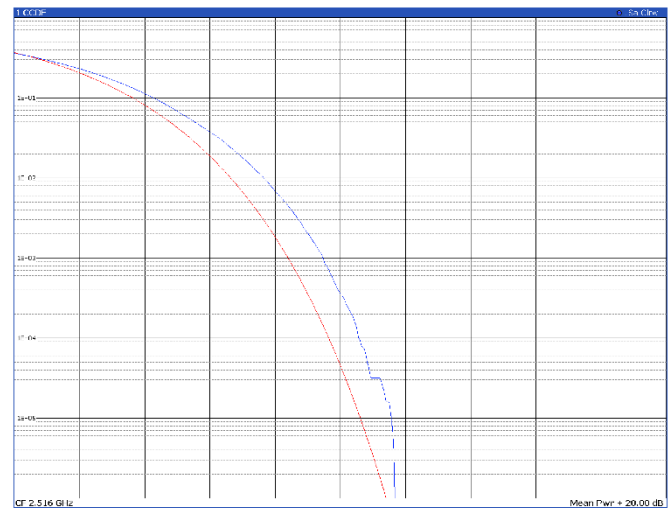
2 Result Summary		Samples: 100000	
Mean	Peak	Dist	10%
Trace 1	11.94 dBm	22.95 dBm	11.02 dB
			10%
			1%
			0.1%
			0.01%

TM3p1a, 40 MHz, high channel



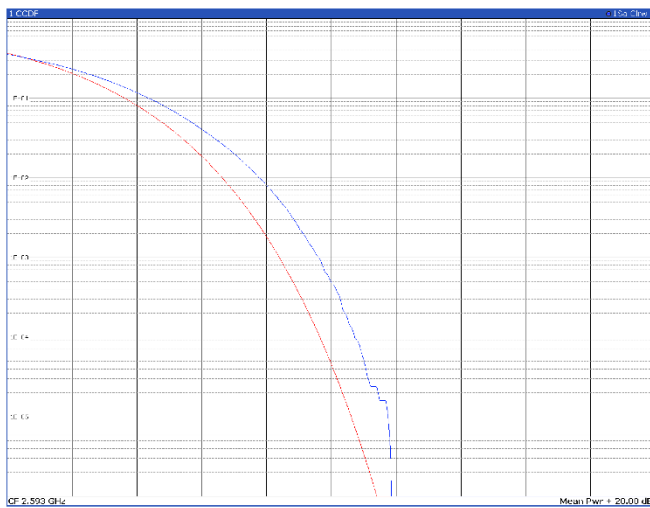
2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
1	12.22 dBm	23.44 dBm	11.22 dB
			10%
			1%
			0.1%
			0.01%

TM3p3, 40 MHz, low channel



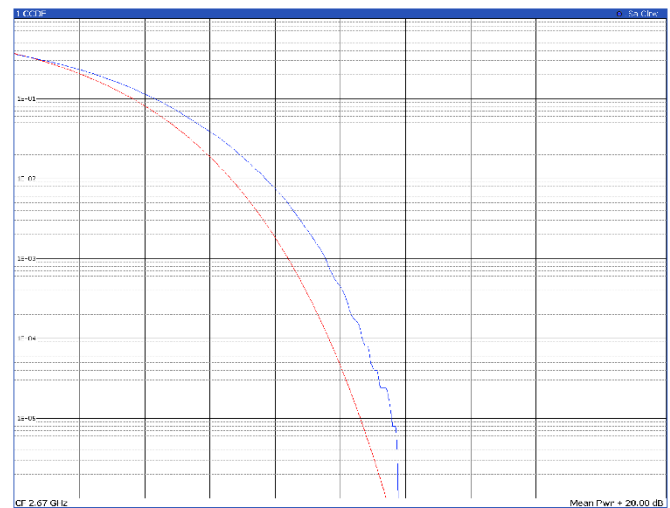
2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
1	13.92 dBm	25.48 dBm	11.57 dB
			10%
			1%
			0.1%
			0.01%

TM3p3, 40 MHz, mid channel



2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
1	13.33 dBm	25.14 dBm	11.80 dB
			10%
			1%
			0.1%
			0.01%

TM3p3, 40 MHz, high channel

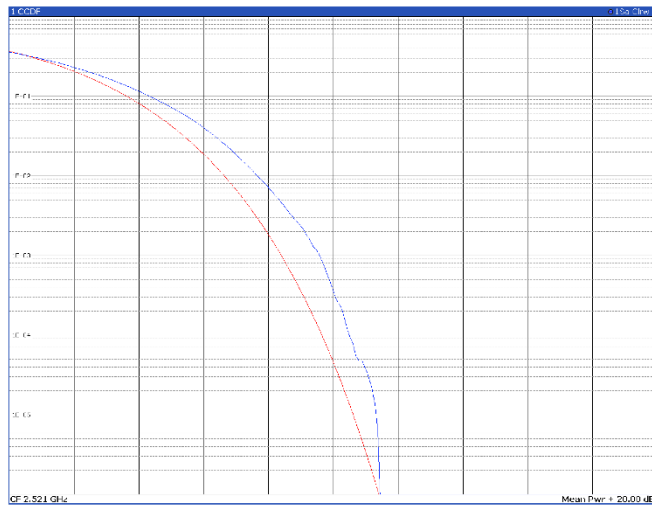


2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
1	13.38 dBm	25.05 dBm	11.67 dB
			10%
			1%
			0.1%
			0.01%

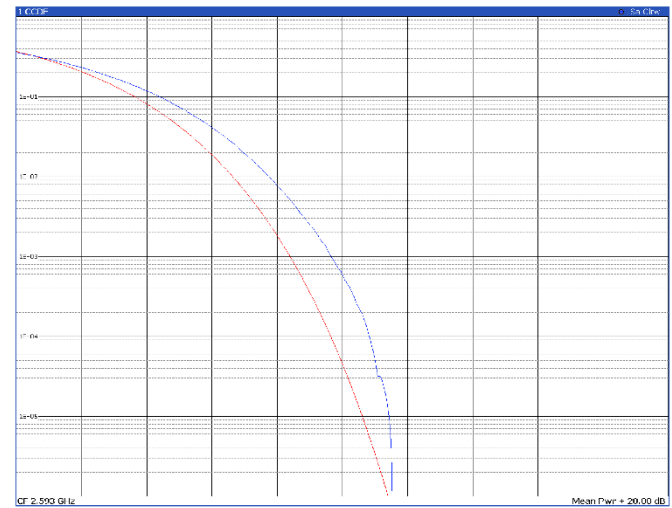
Band n41

50 MHz

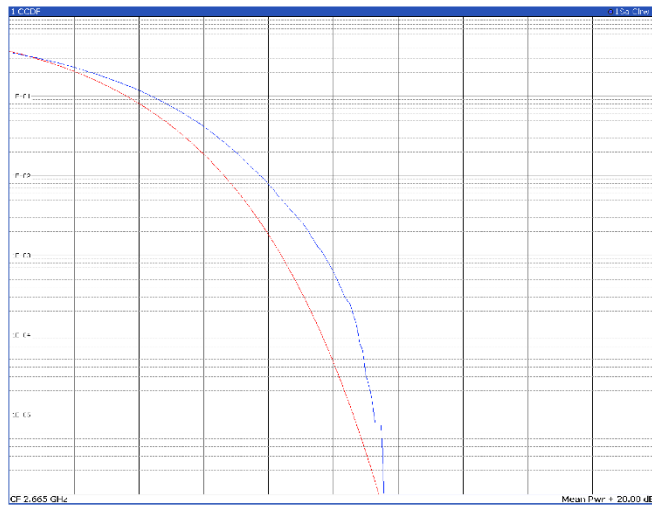
TM1.1, 50 MHz, low channel



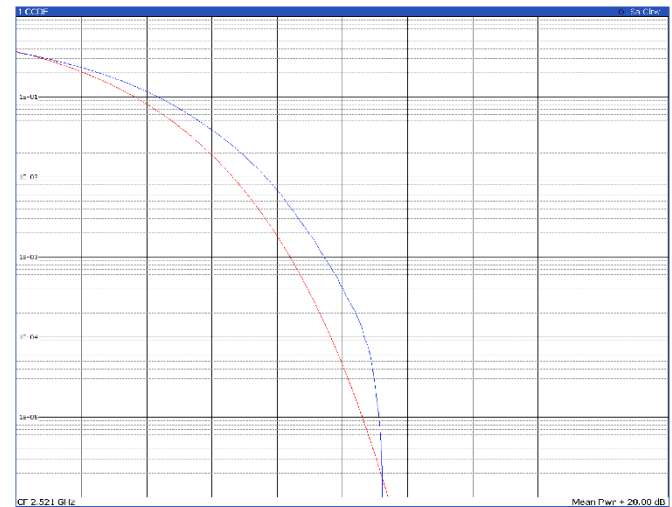
TM1.1, 50 MHz, mid channel



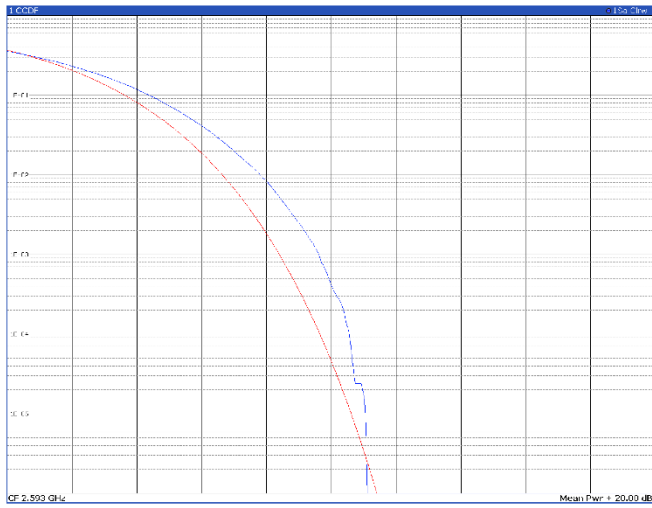
TM1.1, 50 MHz, high channel



TM3p1, 50 MHz, low channel

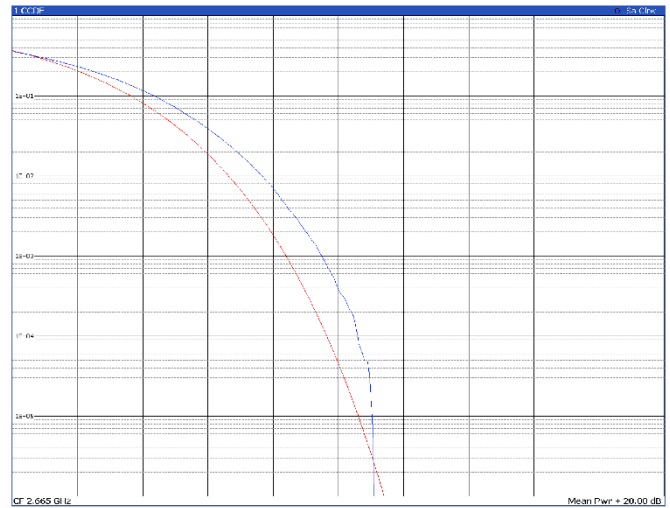


TM3p1, 50 MHz, mid channel



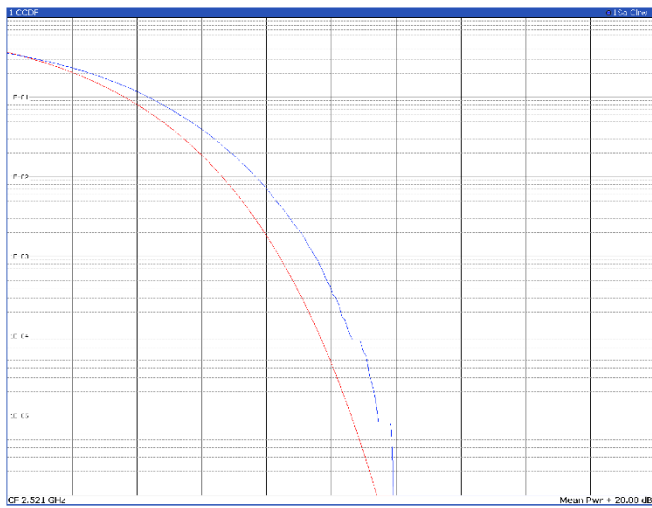
2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
	10.89 dBm	21.94 dBm	11.04 dB
			10%
			1%
			0.1%
			0.01%

TM3p1, 50 MHz, high channel



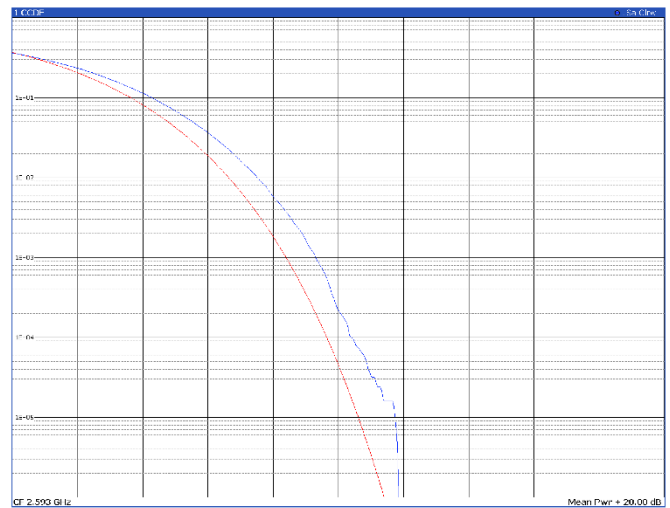
2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
	10.98 dBm	21.96 dBm	10.98 dB
			10%
			1%
			0.1%
			0.01%

TM3p1a, 50 MHz, low channel



2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
	11.25 dBm	23.03 dBm	11.78 dB
			10%
			1%
			0.1%
			0.01%

TM3p1a, 50 MHz, mid channel



2 Result Summary		Samples: 100000	
Trace 1	Mean	Peak	Crest
	11.27 dBm	23.04 dBm	11.77 dB
			10%
			1%
			0.1%
			0.01%