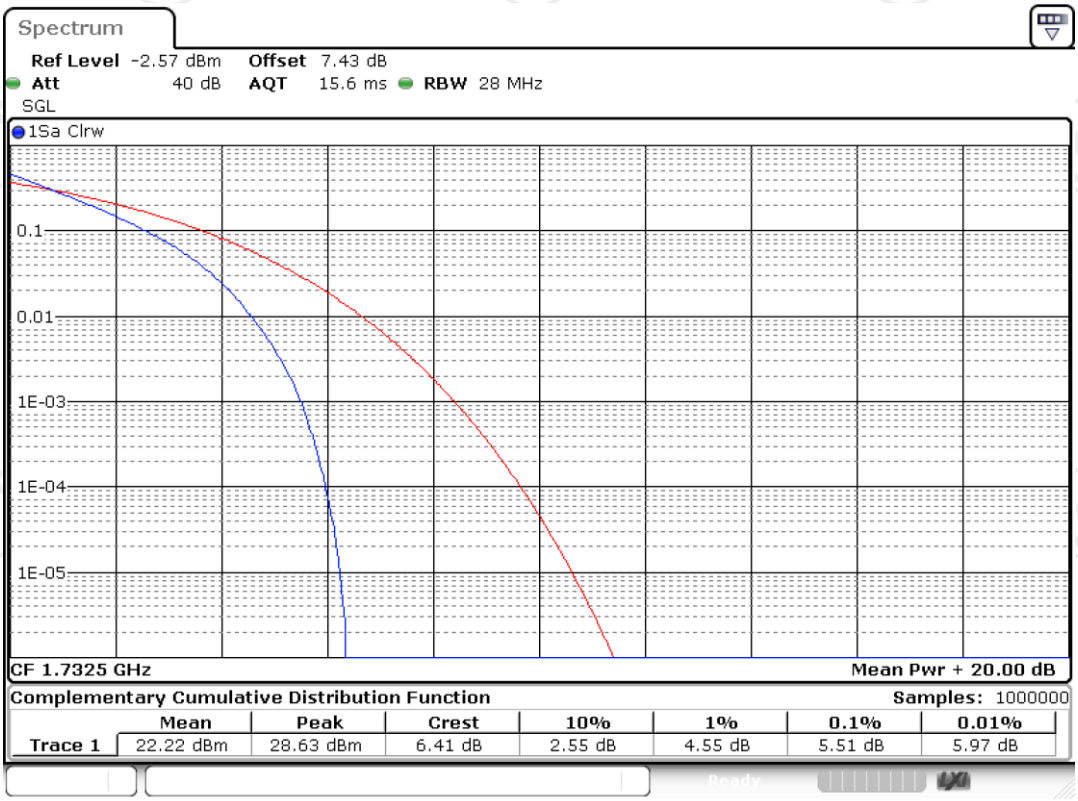
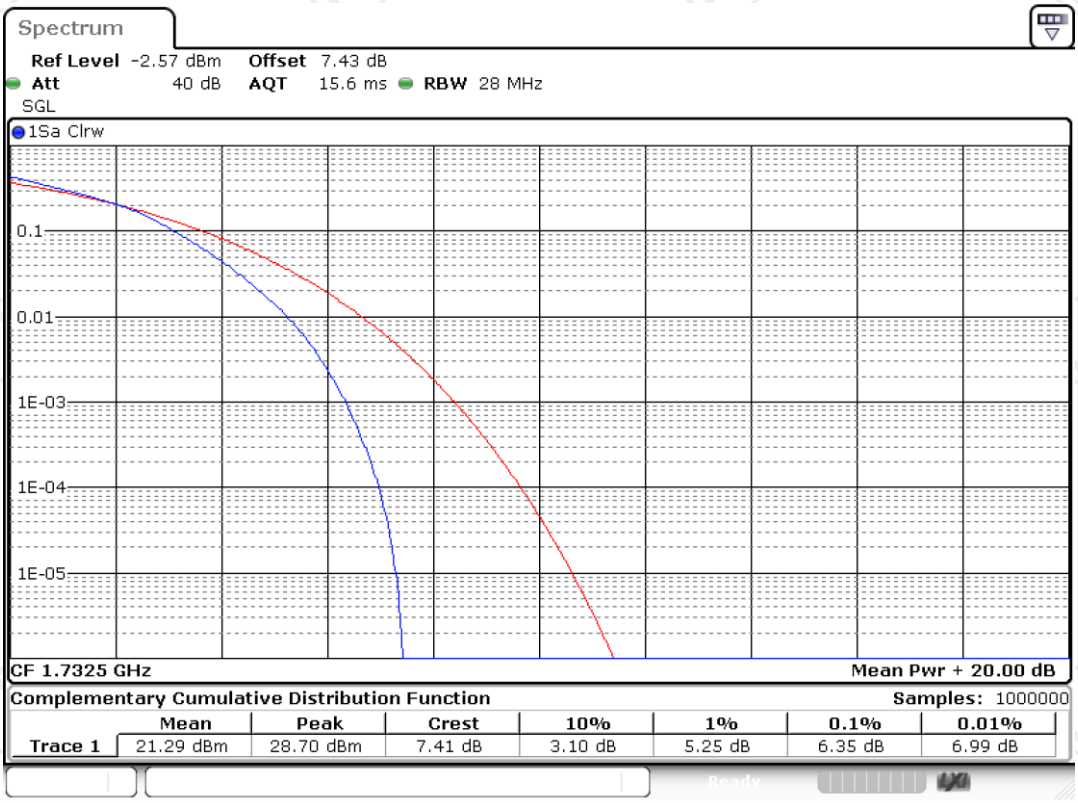
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



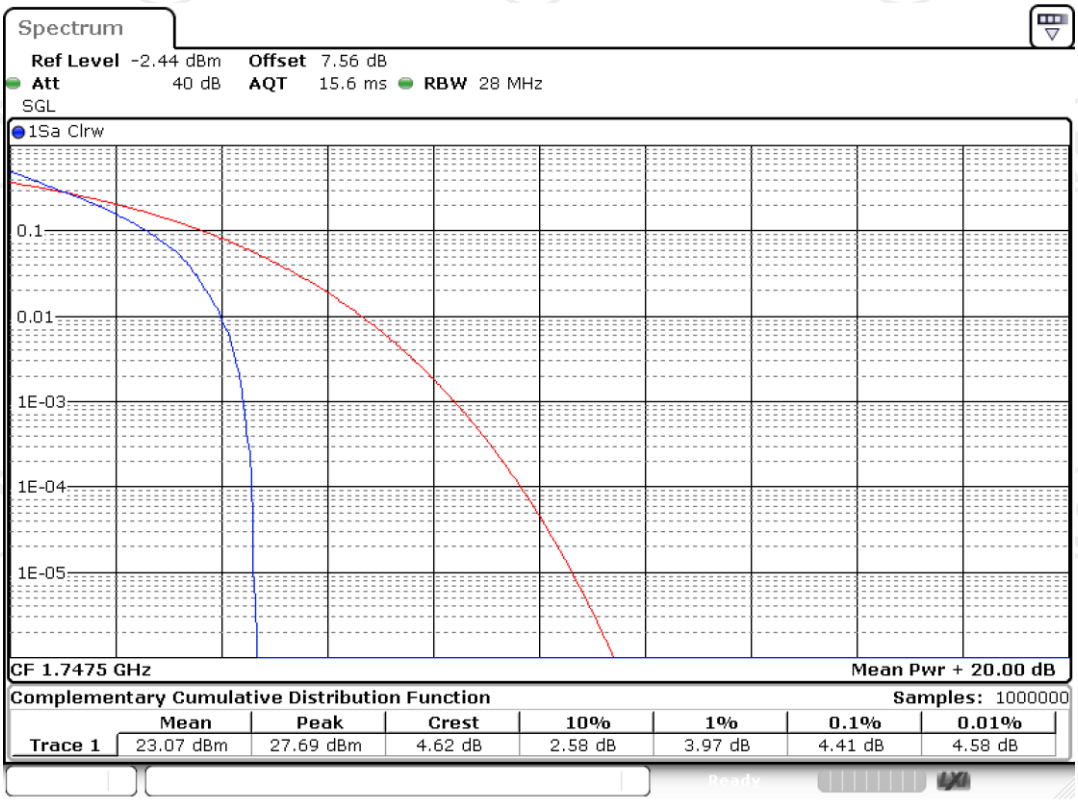
Date: 25.MAY.2023 18:01:59

Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0



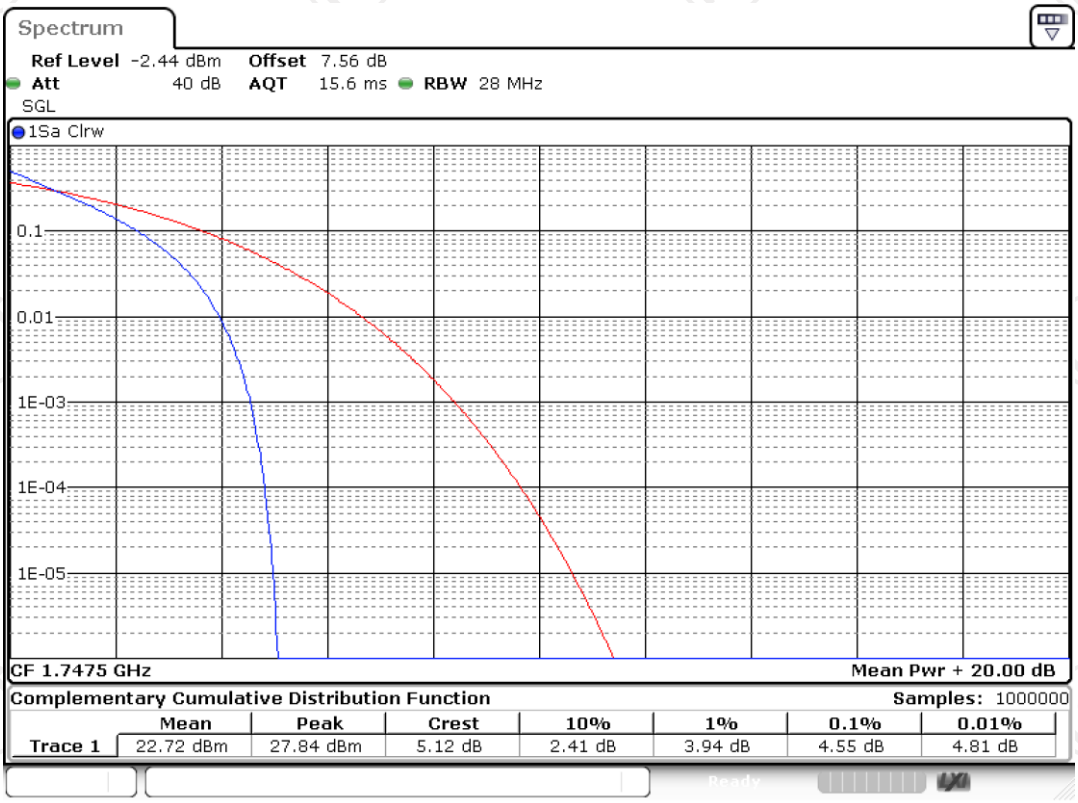
Date: 25.MAY.2023 18:02:08

Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



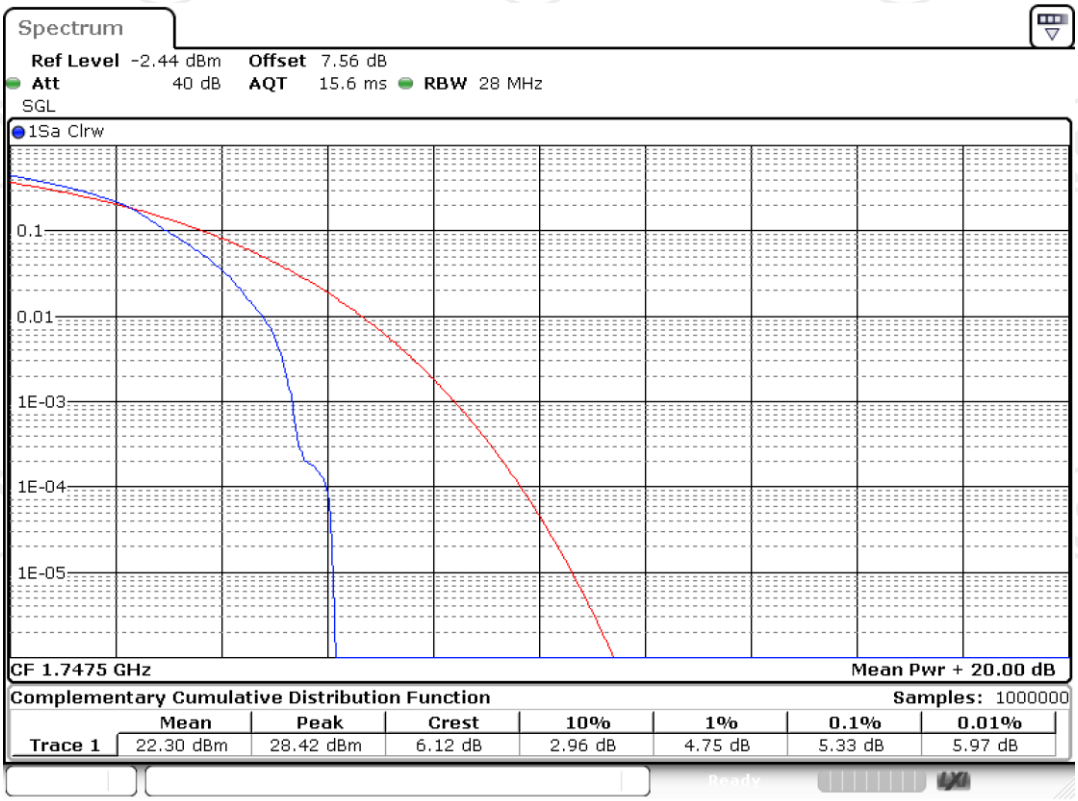
Date: 25.MAY.2023 18:02:12

Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



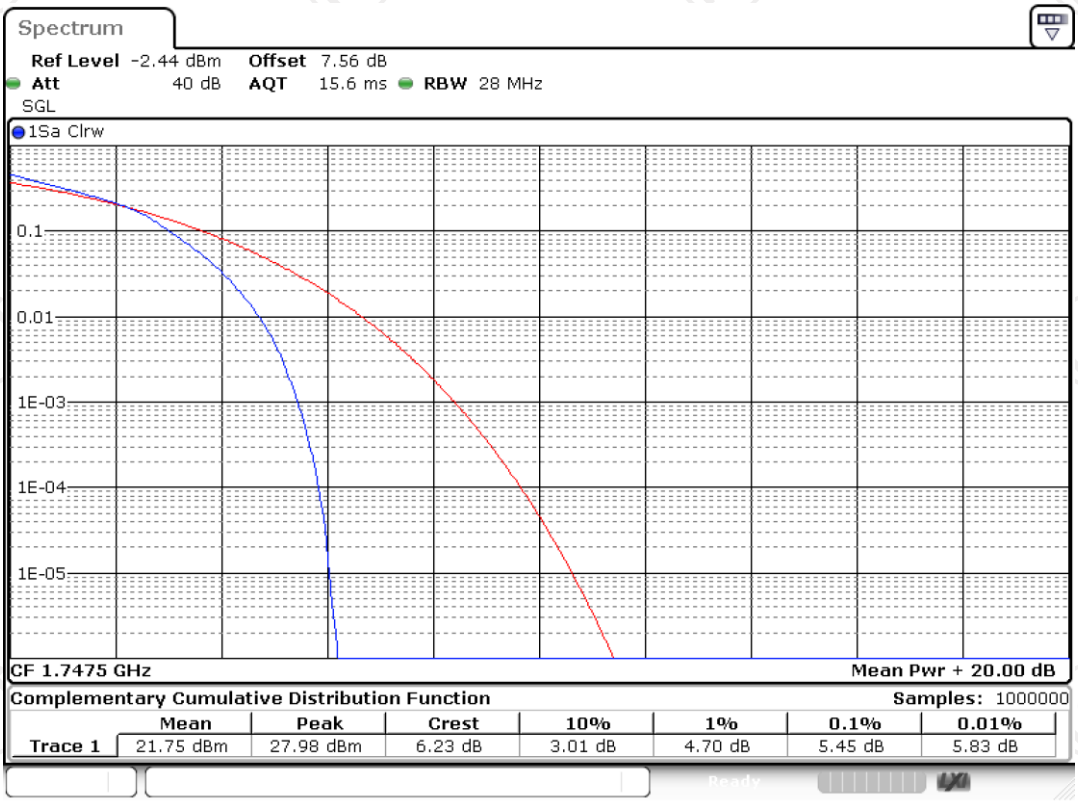
Date: 25.MAY.2023 18:02:17

Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0



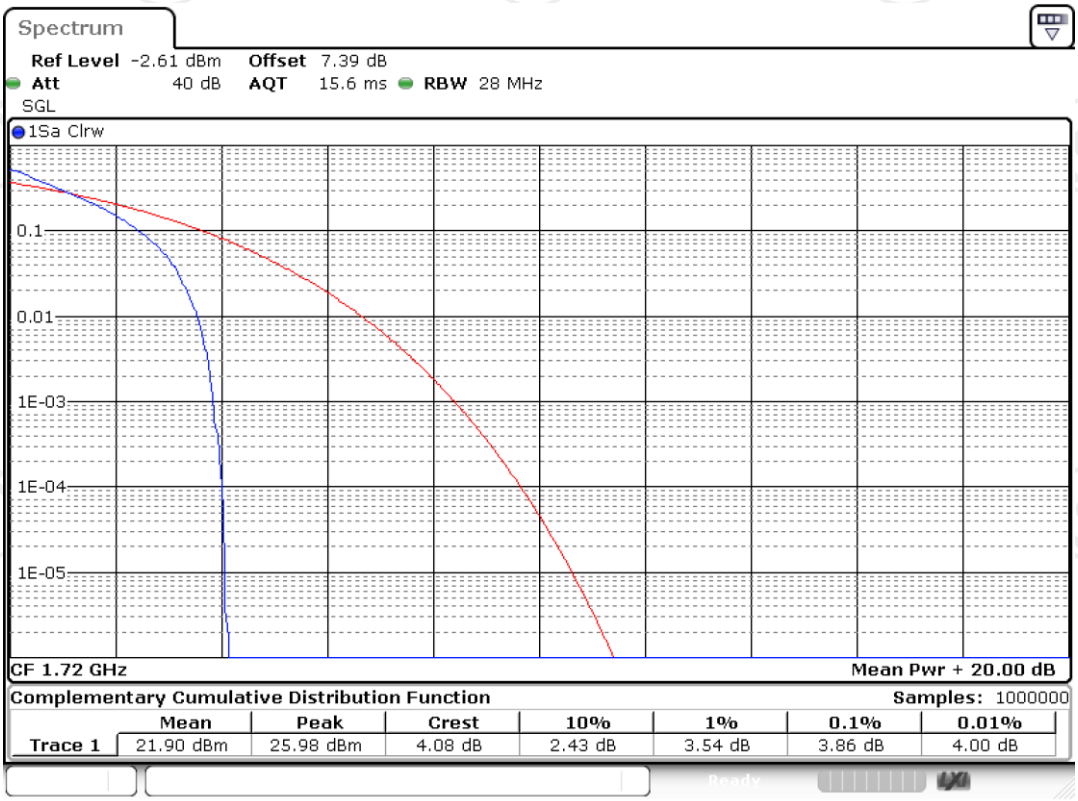
Date: 25.MAY.2023 18:02:21

Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



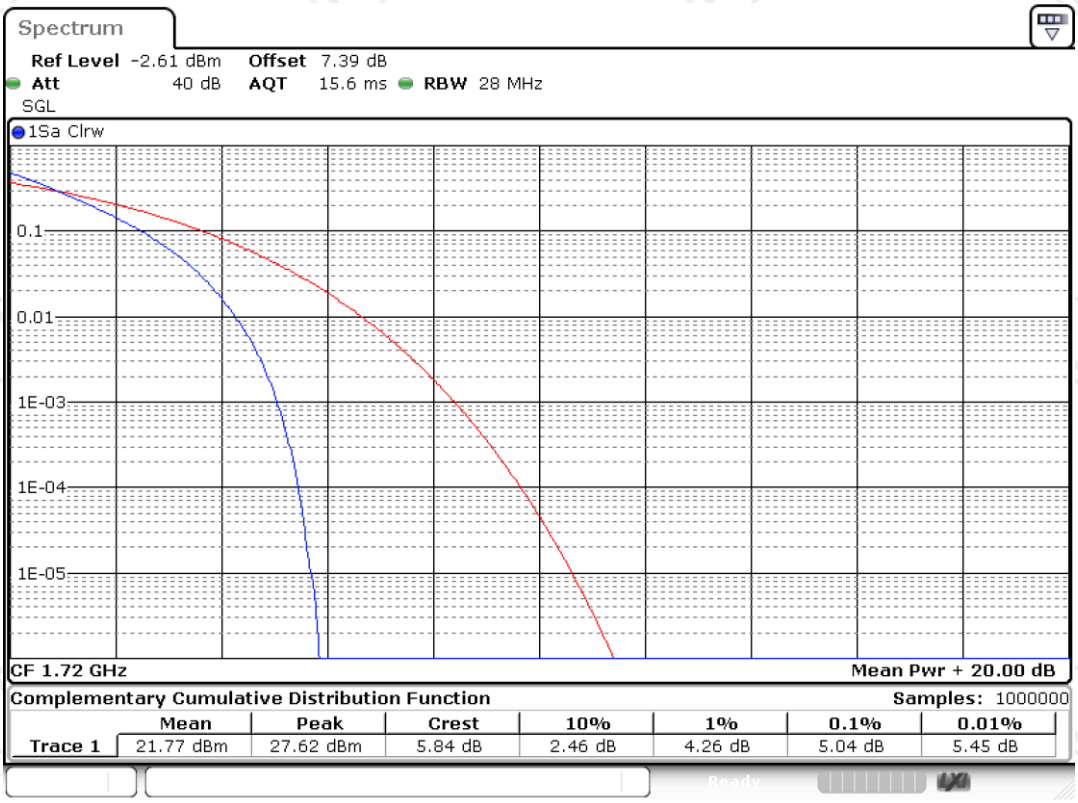
Date: 25.MAY.2023 18:02:26

Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



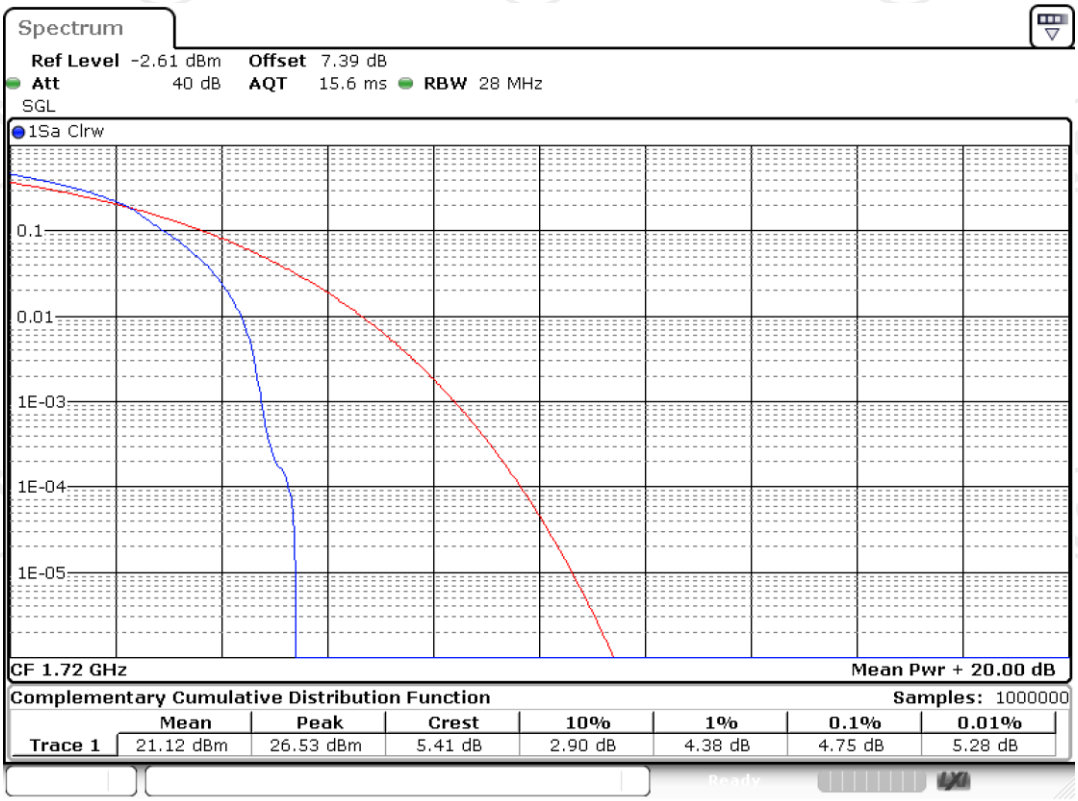
Date: 25.MAY.2023 18:02:31

Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



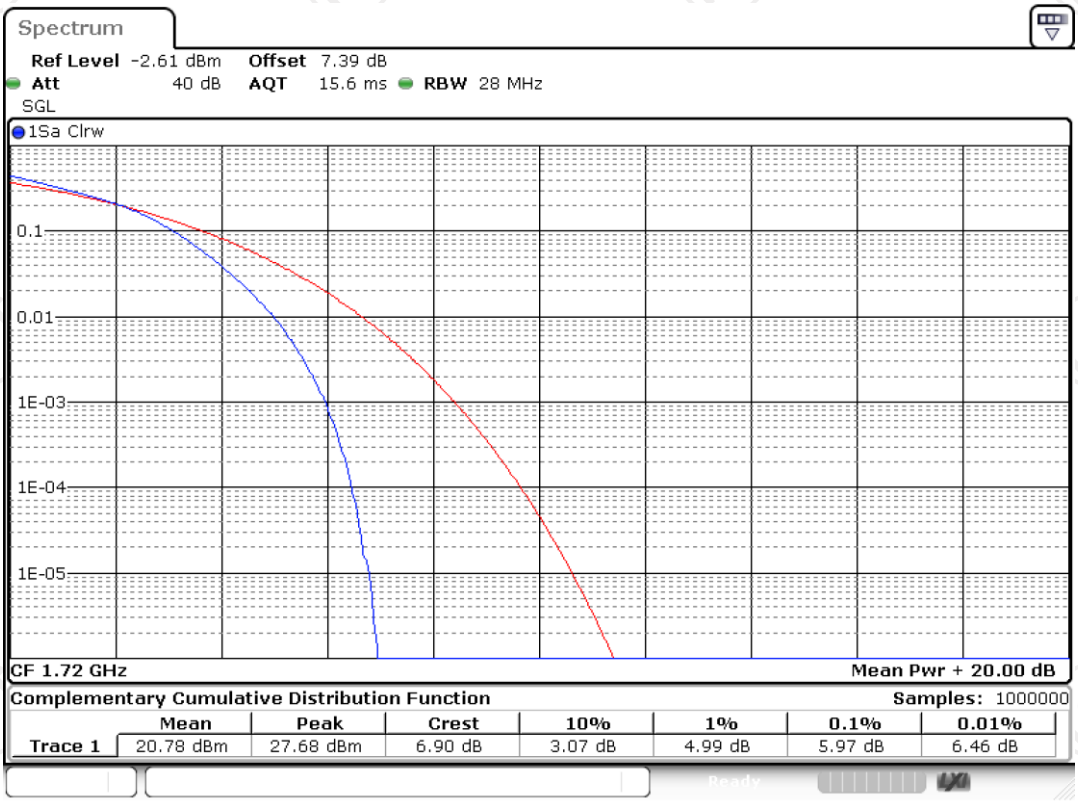
Date: 25.MAY.2023 18:02:36

Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0



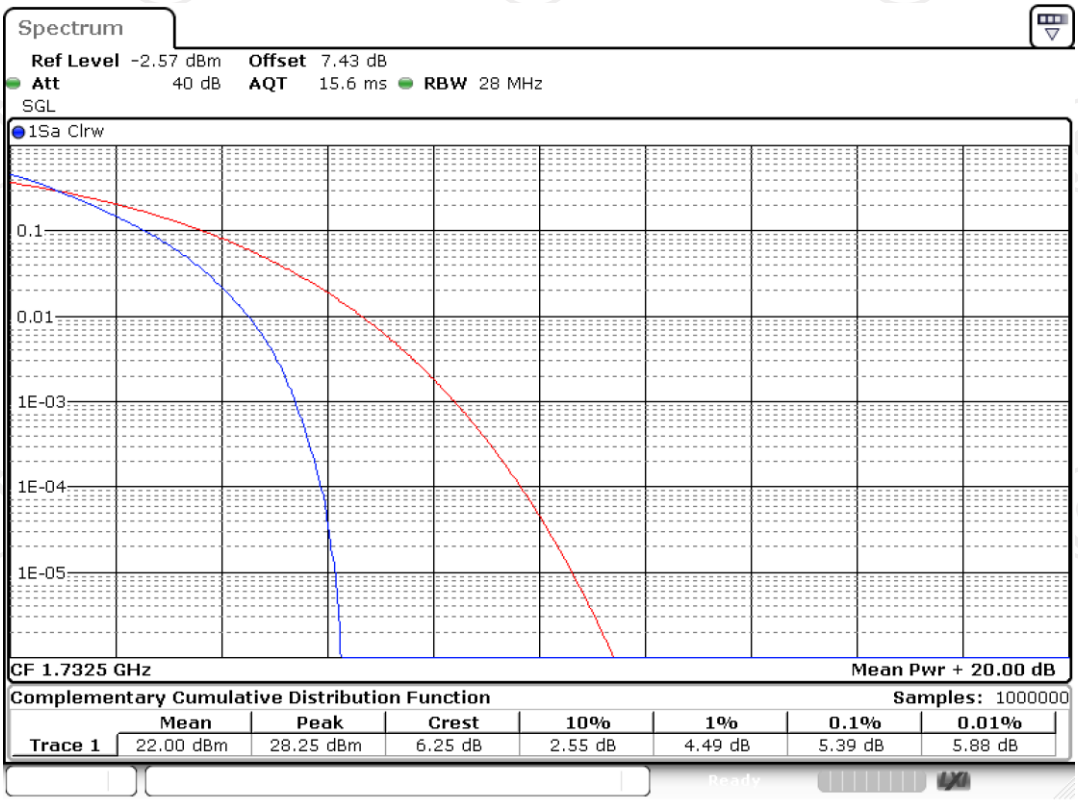
Date: 25.MAY.2023 18:02:40

Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



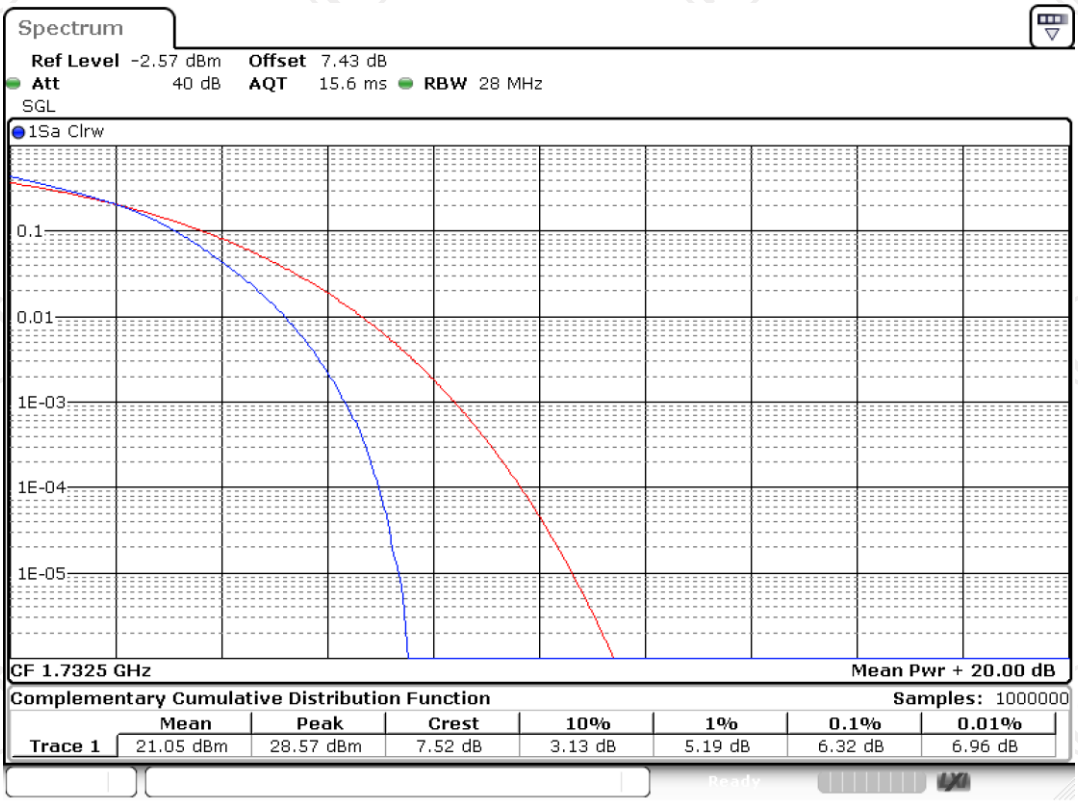
Date: 25.MAY.2023 18:02:45

Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



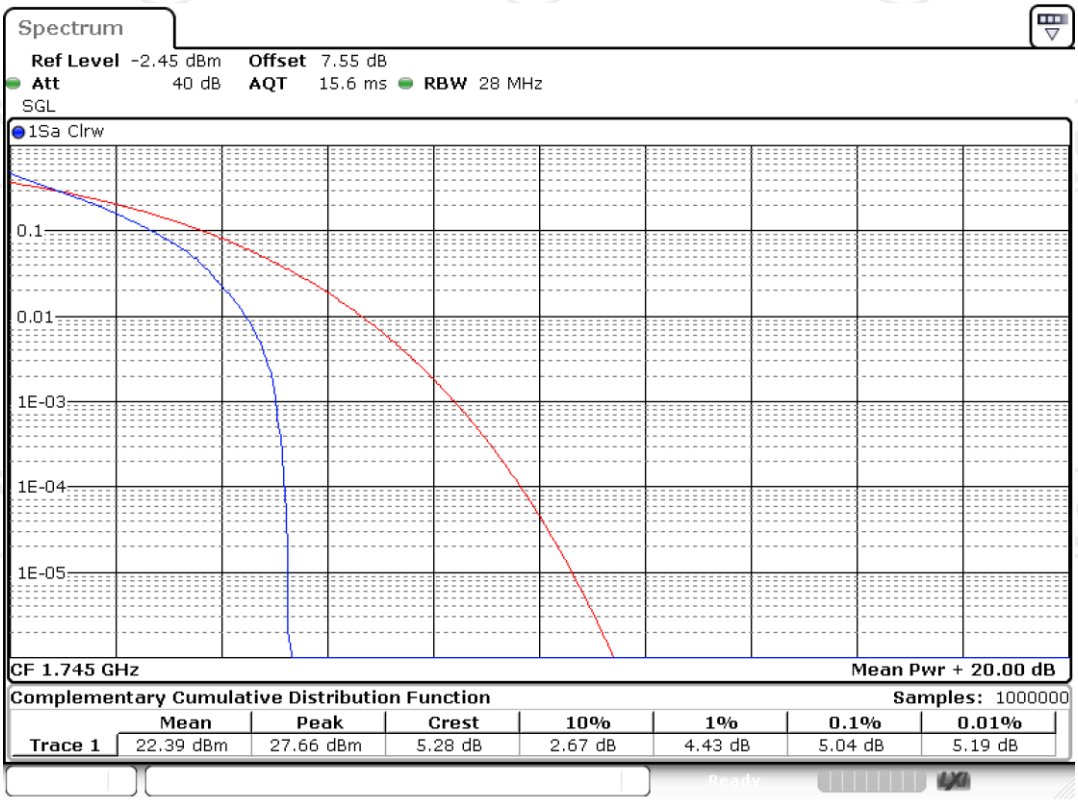
Date: 25.MAY.2023 18:02:54

Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



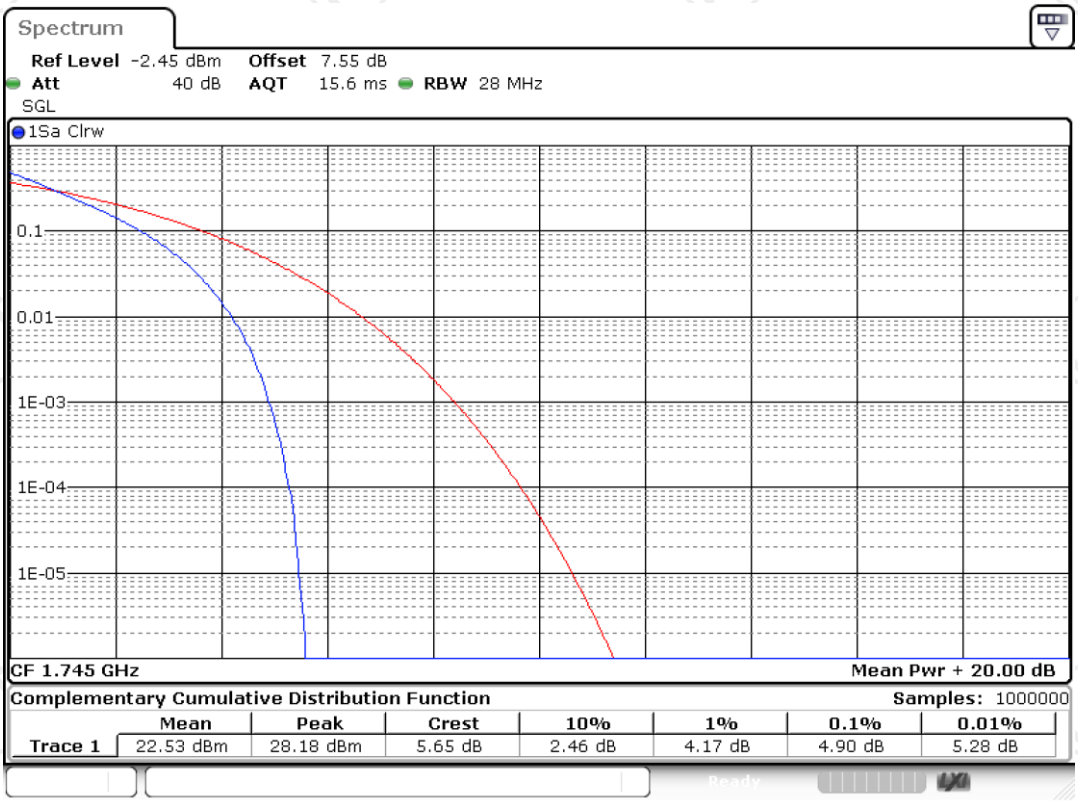
Date: 25.MAY.2023 18:03:03

Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0



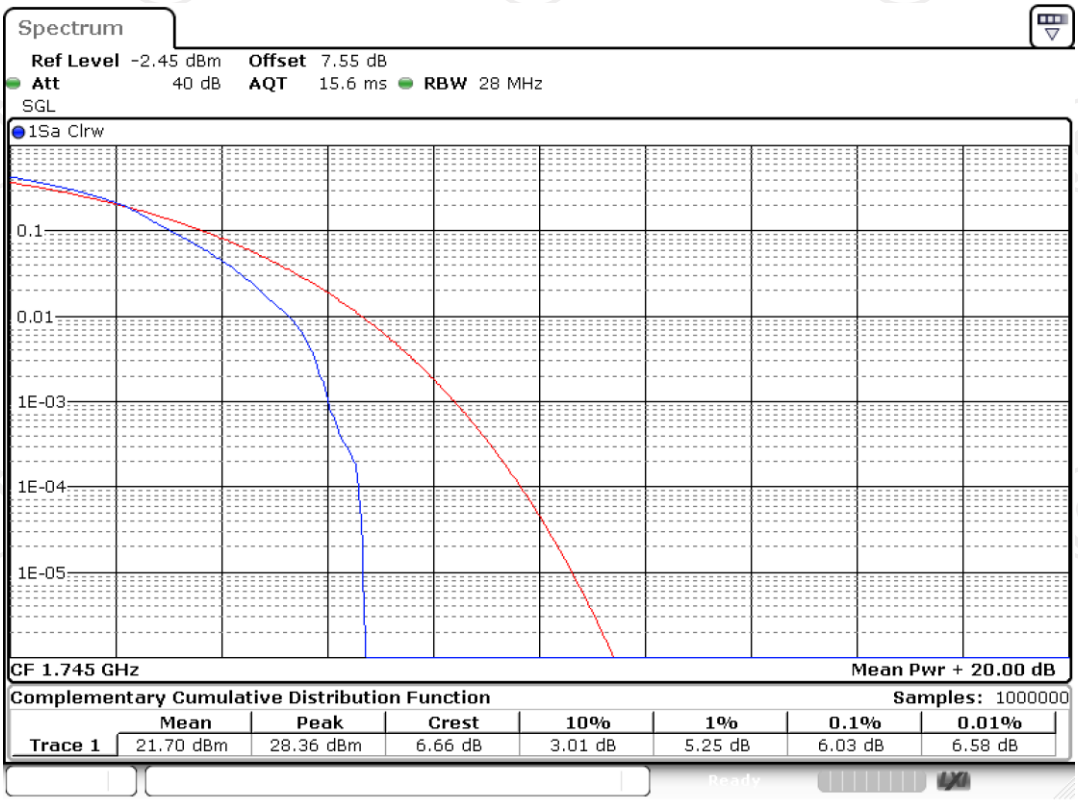
Date: 25.MAY.2023 18:03:08

Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



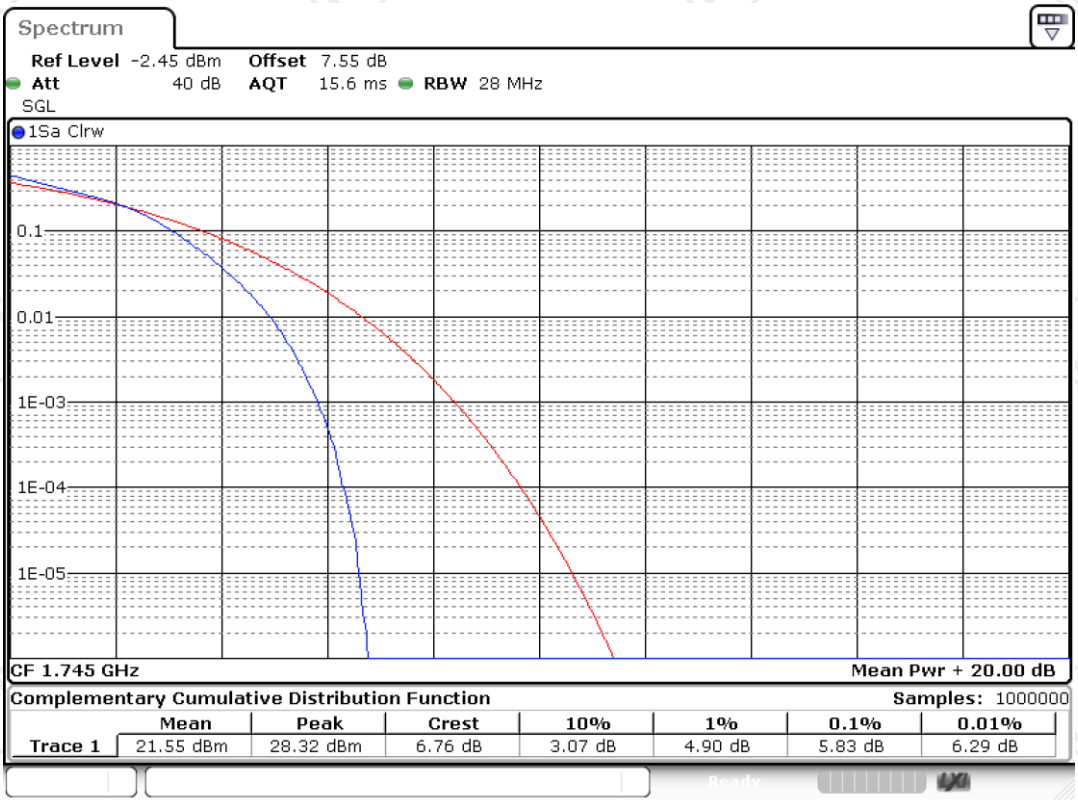
Date: 25.MAY.2023 18:03:12

Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0



Date: 25.MAY.2023 18:03:17

Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0

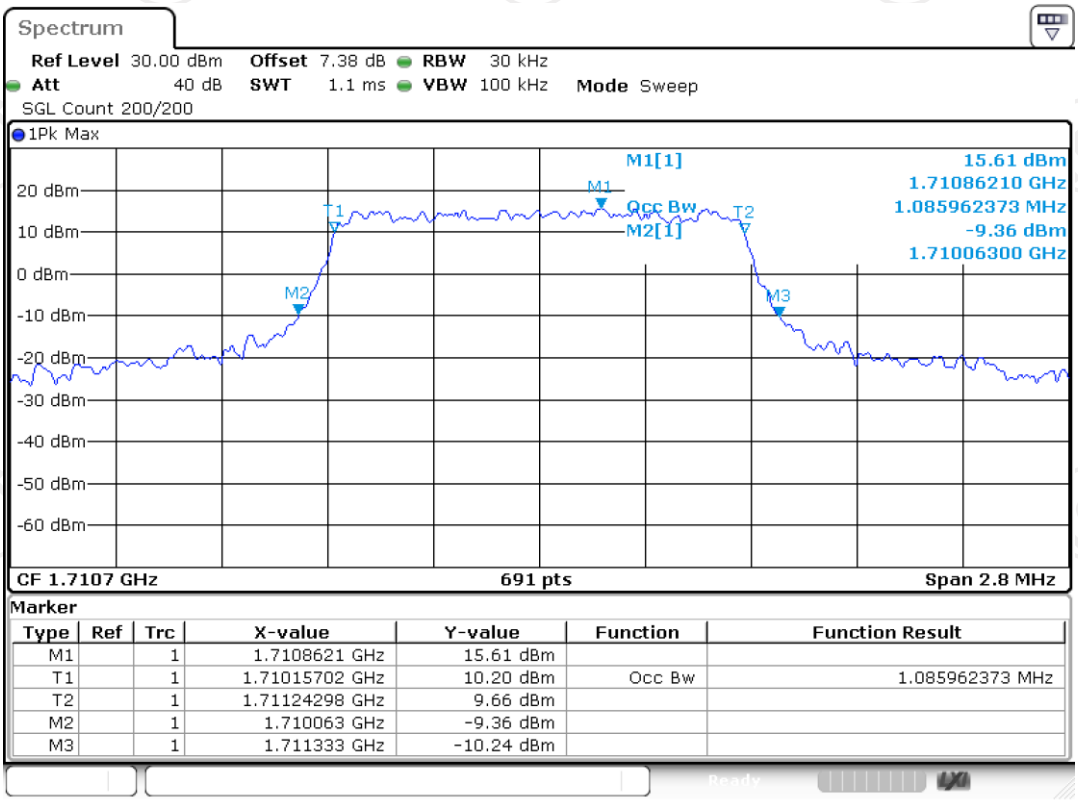


Date: 25.MAY.2023 18:03:21

4 Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QPSK	1.086	1.270	PASS
Band4	1.4	19957	6	#0	16QAM	1.098	1.307	PASS
Band4	1.4	20175	6	#0	QPSK	1.090	1.278	PASS
Band4	1.4	20175	6	#0	16QAM	1.094	1.246	PASS
Band4	1.4	20393	6	#0	QPSK	1.098	1.299	PASS
Band4	1.4	20393	6	#0	16QAM	1.098	1.315	PASS
Band4	3	19965	15	#0	QPSK	2.718	3.200	PASS
Band4	3	19965	15	#0	16QAM	2.709	2.983	PASS
Band4	3	20175	15	#0	QPSK	2.709	2.974	PASS
Band4	3	20175	15	#0	16QAM	2.709	2.965	PASS
Band4	3	20385	15	#0	QPSK	2.735	3.061	PASS
Band4	3	20385	15	#0	16QAM	2.726	2.983	PASS
Band4	5	19975	25	#0	QPSK	4.530	5.159	PASS
Band4	5	19975	25	#0	16QAM	4.501	5.087	PASS
Band4	5	20175	25	#0	QPSK	4.486	5.087	PASS
Band4	5	20175	25	#0	16QAM	4.515	5.174	PASS
Band4	5	20375	25	#0	QPSK	4.515	5.232	PASS
Band4	5	20375	25	#0	16QAM	4.515	5.145	PASS
Band4	10	20000	50	#0	QPSK	9.030	10.232	PASS
Band4	10	20000	50	#0	16QAM	8.973	9.884	PASS
Band4	10	20175	50	#0	QPSK	9.001	9.971	PASS
Band4	10	20175	50	#0	16QAM	8.973	9.971	PASS
Band4	10	20350	50	#0	QPSK	9.001	10.087	PASS
Band4	10	20350	50	#0	16QAM	9.001	9.855	PASS
Band4	15	20025	75	#0	QPSK	13.459	14.783	PASS
Band4	15	20025	75	#0	16QAM	13.502	15.043	PASS
Band4	15	20175	75	#0	QPSK	13.459	14.913	PASS
Band4	15	20175	75	#0	16QAM	13.459	14.957	PASS
Band4	15	20325	75	#0	QPSK	13.502	14.913	PASS
Band4	15	20325	75	#0	16QAM	13.502	15.000	PASS
Band4	20	20050	100	#0	QPSK	17.945	19.768	PASS
Band4	20	20050	100	#0	16QAM	18.003	19.594	PASS
Band4	20	20175	100	#0	QPSK	17.945	19.652	PASS
Band4	20	20175	100	#0	16QAM	18.003	19.826	PASS
Band4	20	20300	100	#0	QPSK	18.119	19.652	PASS
Band4	20	20300	100	#0	16QAM	18.003	19.884	PASS

Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0

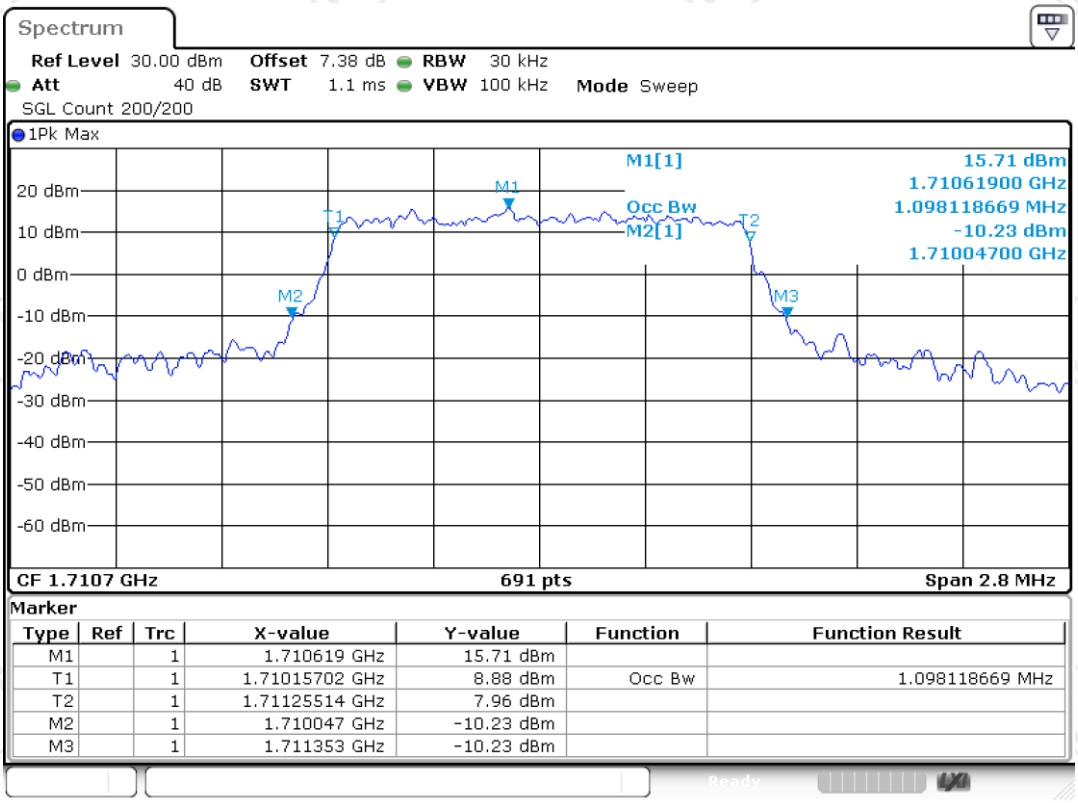


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7108621 GHz	15.61 dBm		
T1		1	1.71015702 GHz	10.20 dBm	Occ Bw	1.085962373 MHz
T2		1	1.71124298 GHz	9.66 dBm		
M2		1	1.710063 GHz	-9.36 dBm		
M3		1	1.711333 GHz	-10.24 dBm		

Date: 5.JUN.2023 15:20:59

Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0

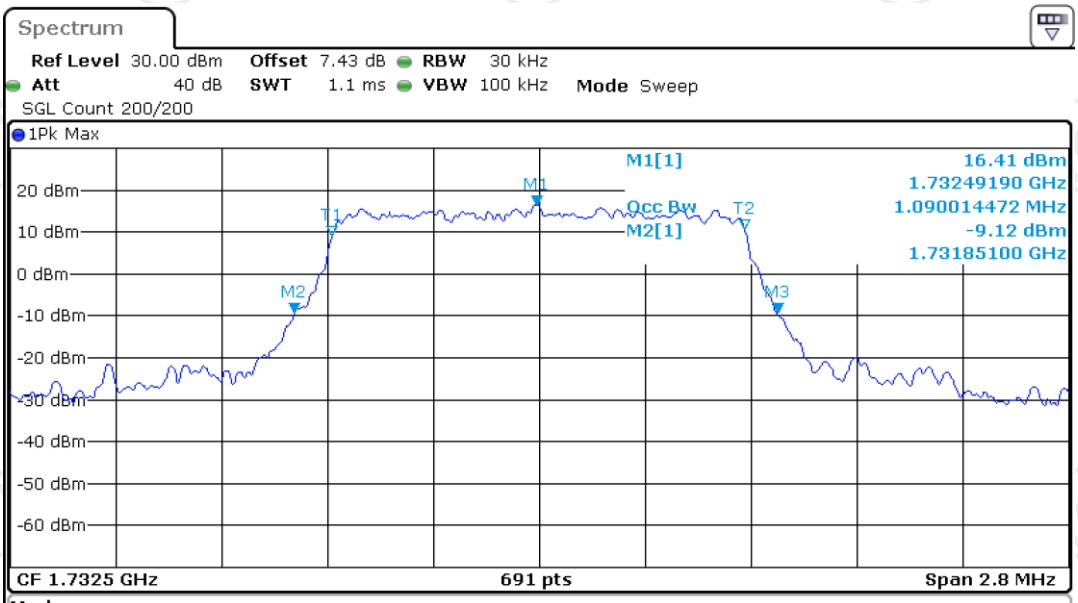


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710619 GHz	15.71 dBm		
T1		1	1.71015702 GHz	8.88 dBm	Occ Bw	1.098118669 MHz
T2		1	1.71125514 GHz	7.96 dBm		
M2		1	1.710047 GHz	-10.23 dBm		
M3		1	1.711353 GHz	-10.23 dBm		

Date: 5.JUN.2023 15:21:05

Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0

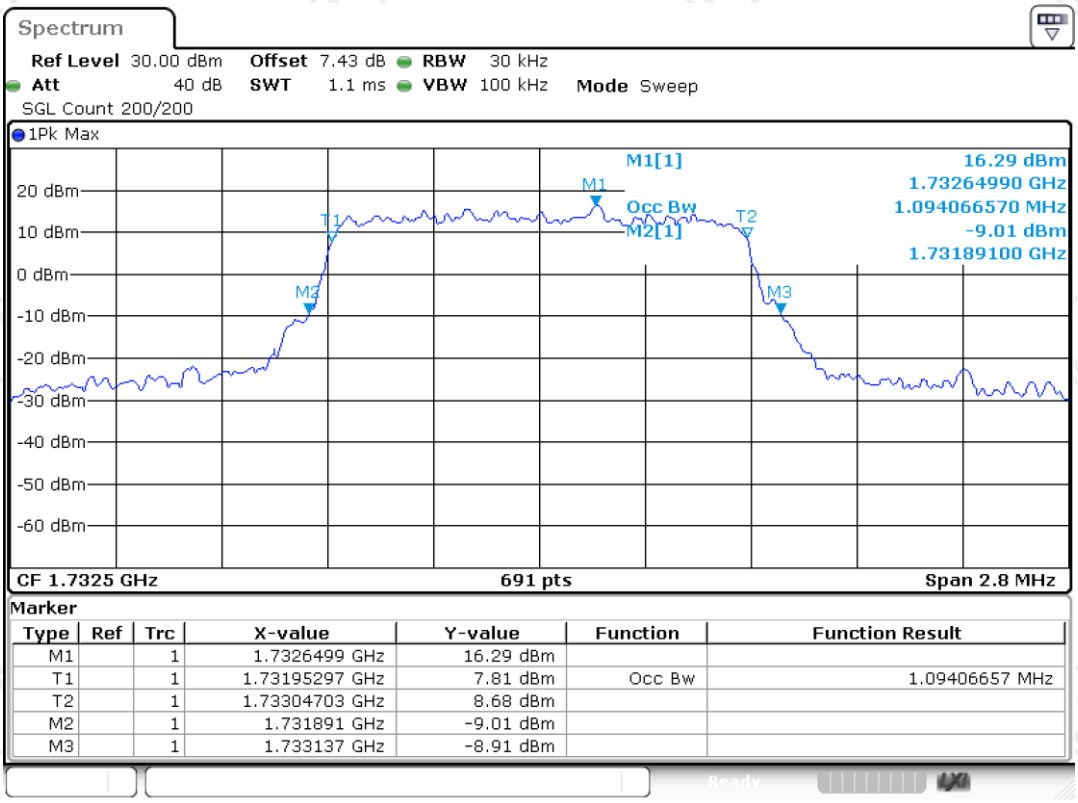


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7324919 GHz	16.41 dBm		
T1		1	1.73195297 GHz	9.13 dBm	Occ Bw	1.090014472 MHz
T2		1	1.73304298 GHz	10.65 dBm		
M2		1	1.731851 GHz	-9.12 dBm		
M3		1	1.733129 GHz	-9.17 dBm		

Date: 5.JUN.2023 15:21:10

Band4 16QAM BW=1.4MHz Channel=20175 RB Size=6 Position=#0

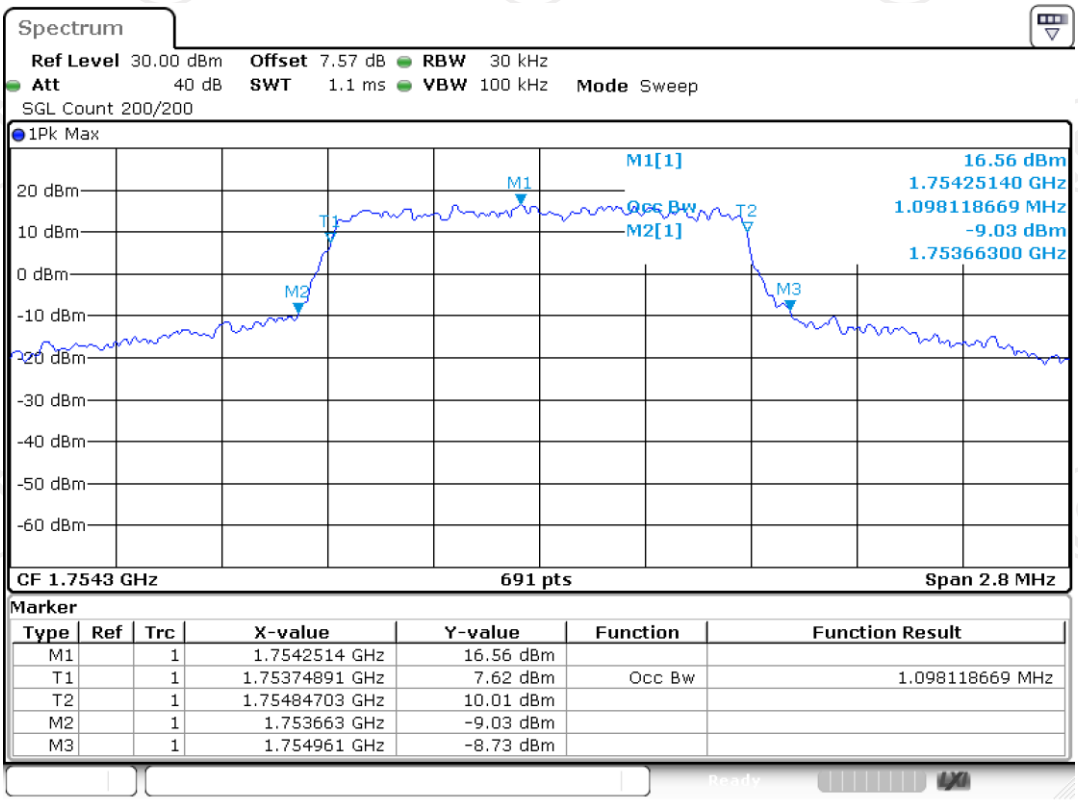


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7326499 GHz	16.29 dBm		
T1		1	1.73195297 GHz	7.81 dBm	Occ Bw	1.09406657 MHz
T2		1	1.73304703 GHz	8.68 dBm		
M2		1	1.731891 GHz	-9.01 dBm		
M3		1	1.733137 GHz	-8.91 dBm		

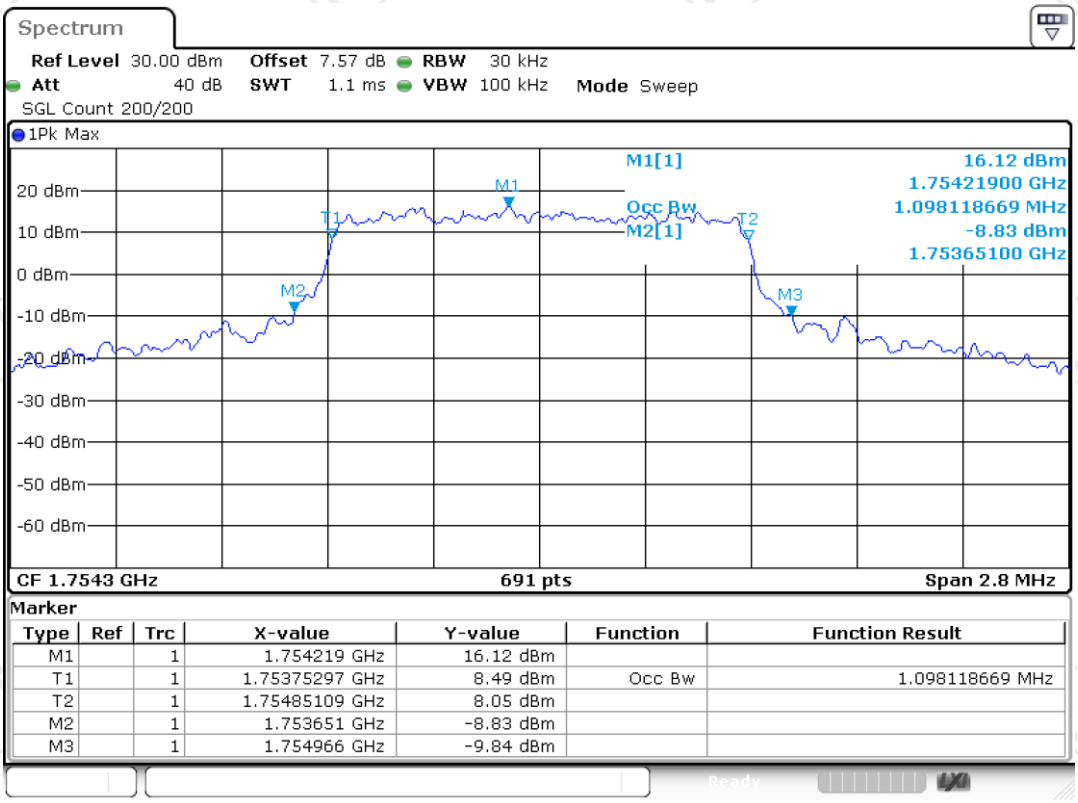
Date: 5.JUN.2023 15:21:16

Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0



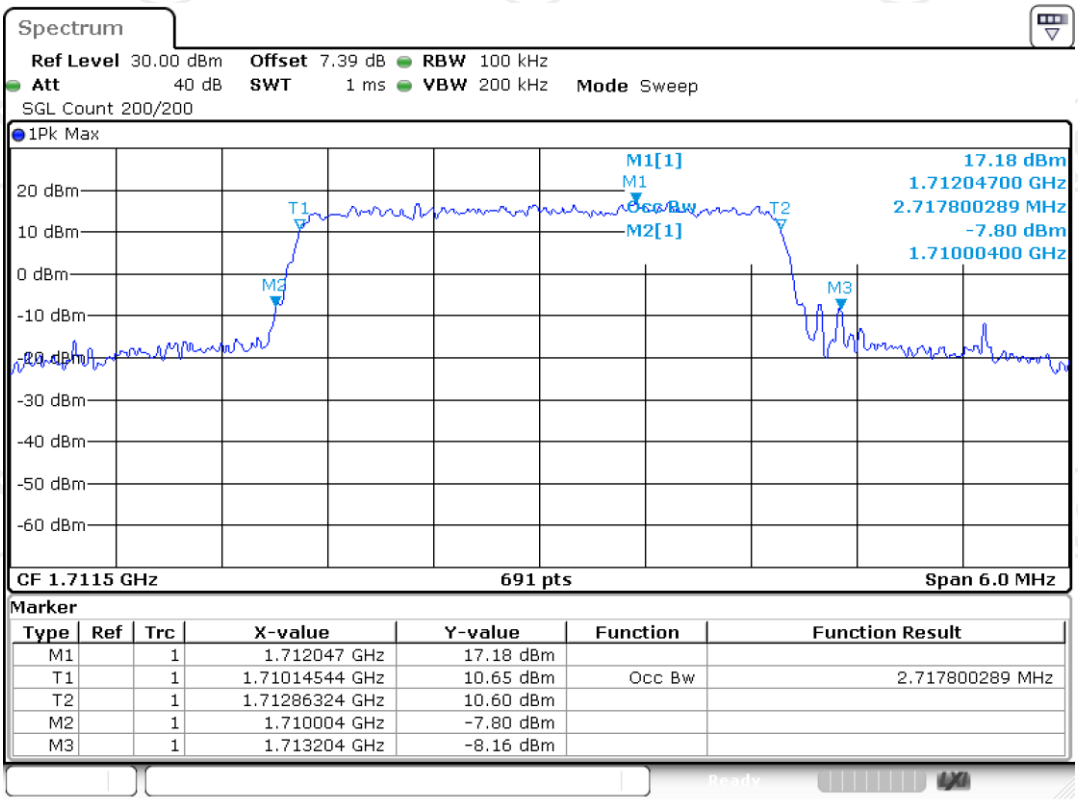
Date: 5.JUN.2023 15:21:21

Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0

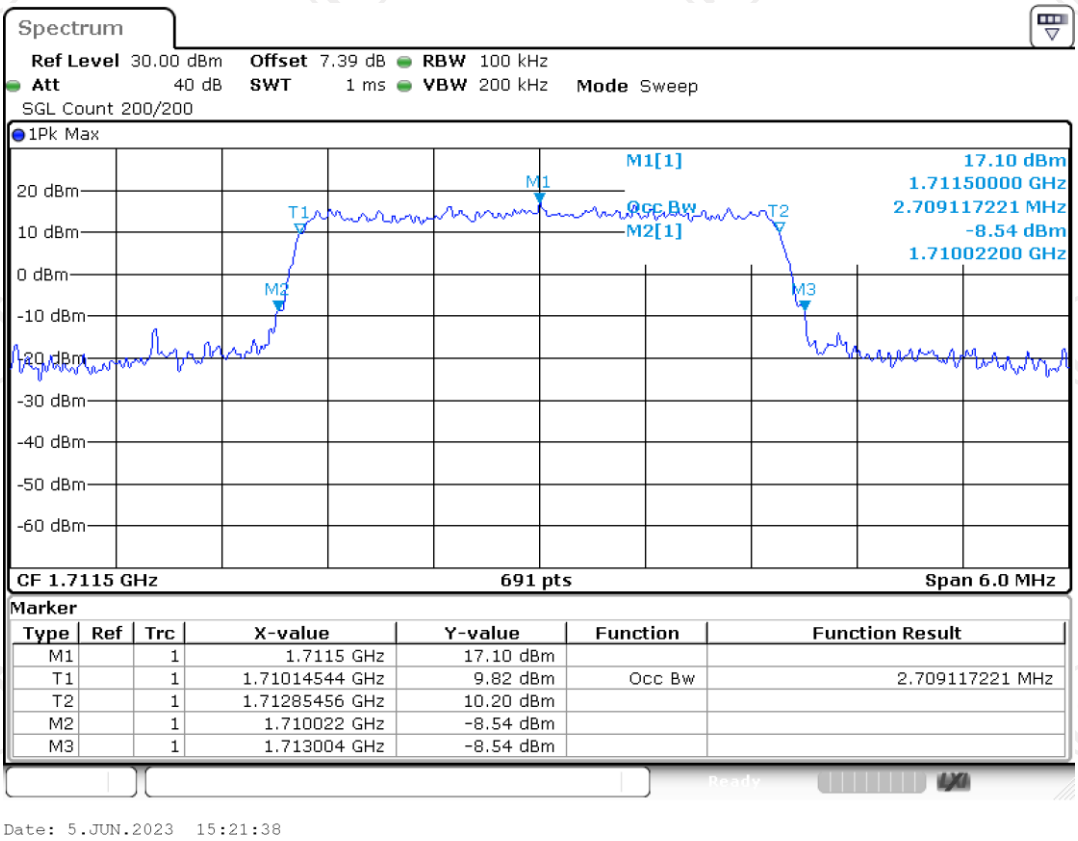


Date: 5.JUN.2023 15:21:26

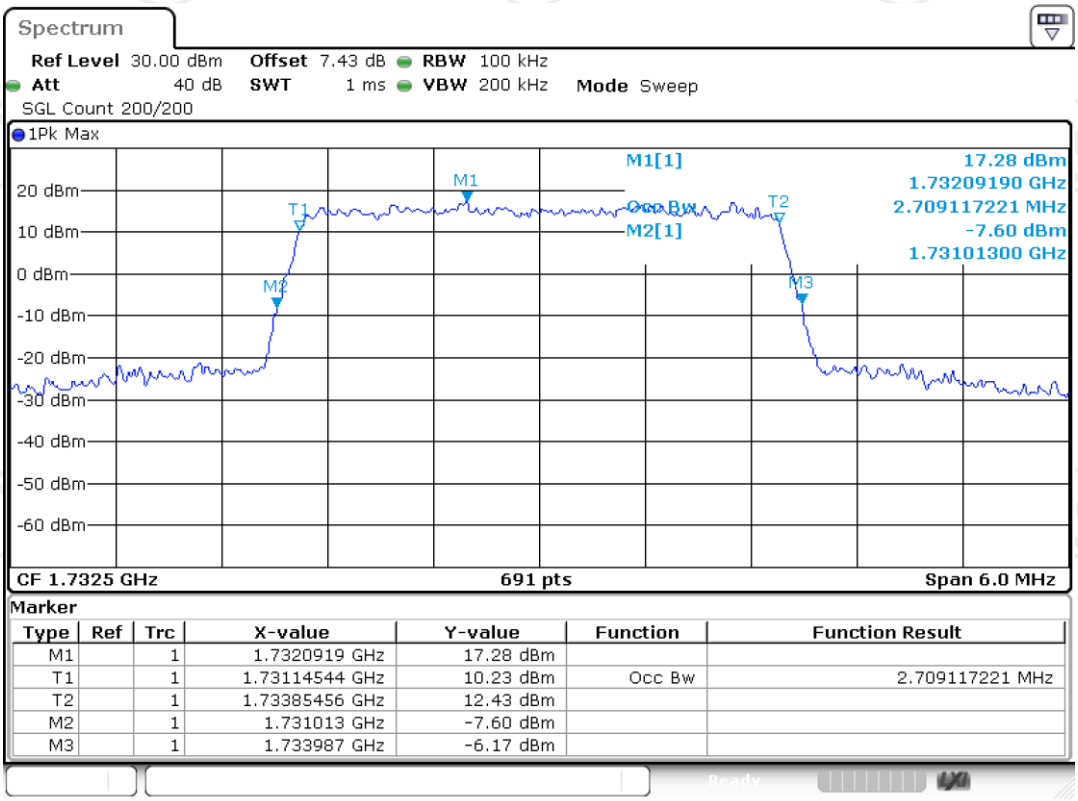
Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0

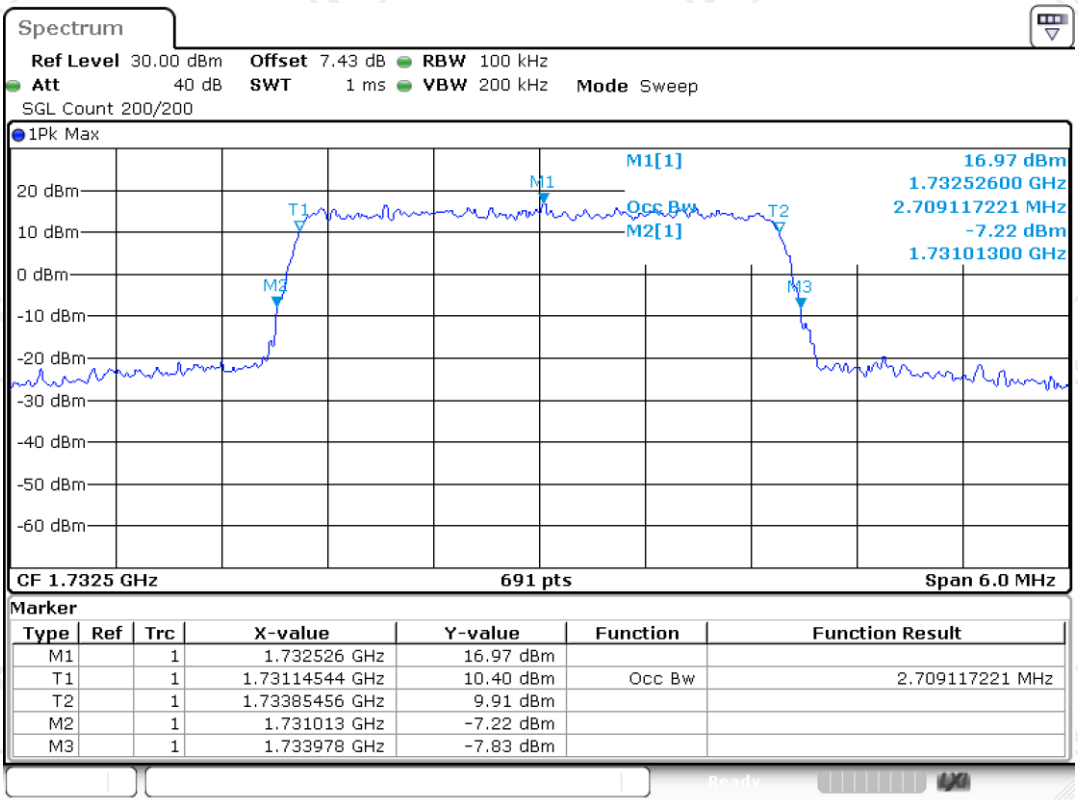


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7320919 GHz	17.28 dBm		
T1		1	1.73114544 GHz	10.23 dBm	Occ Bw	2.709117221 MHz
T2		1	1.73385456 GHz	12.43 dBm		
M2		1	1.731013 GHz	-7.60 dBm		
M3		1	1.733987 GHz	-6.17 dBm		

Date: 5.JUN.2023 15:21:43

Band4 16QAM BW=3MHz Channel=20175 RB Size=15 Position=#0

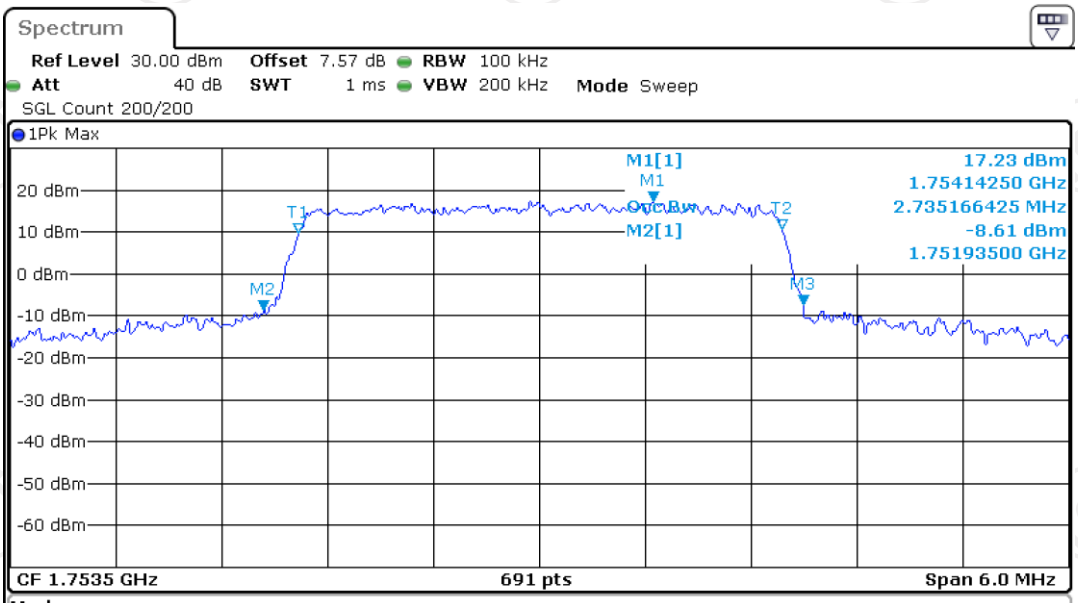


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.732526 GHz	16.97 dBm		
T1		1	1.73114544 GHz	10.40 dBm	Occ Bw	2.709117221 MHz
T2		1	1.73385456 GHz	9.91 dBm		
M2		1	1.731013 GHz	-7.22 dBm		
M3		1	1.733978 GHz	-7.83 dBm		

Date: 5.JUN.2023 15:21:49

Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0

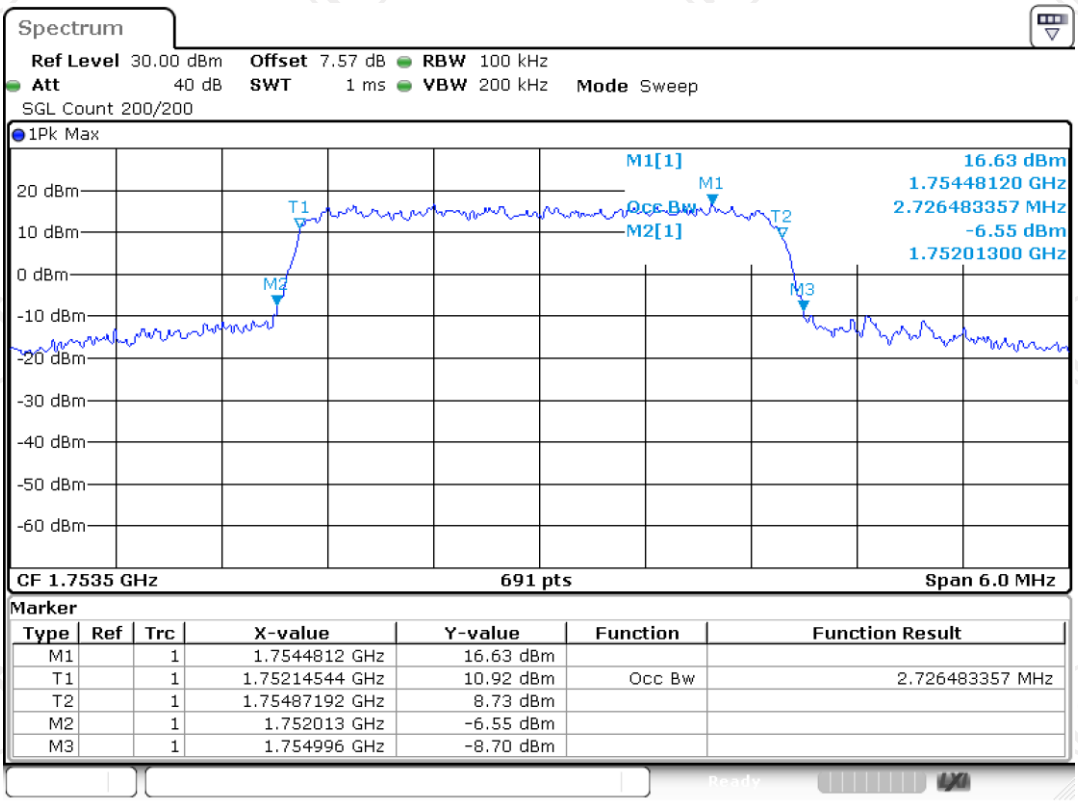


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7541425 GHz	17.23 dBm		
T1		1	1.75213676 GHz	9.77 dBm	Occ Bw	2.735166425 MHz
T2		1	1.75487192 GHz	10.57 dBm		
M2		1	1.751935 GHz	-8.61 dBm		
M3		1	1.754996 GHz	-7.43 dBm		

Date: 5.JUN.2023 15:21:54

Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0

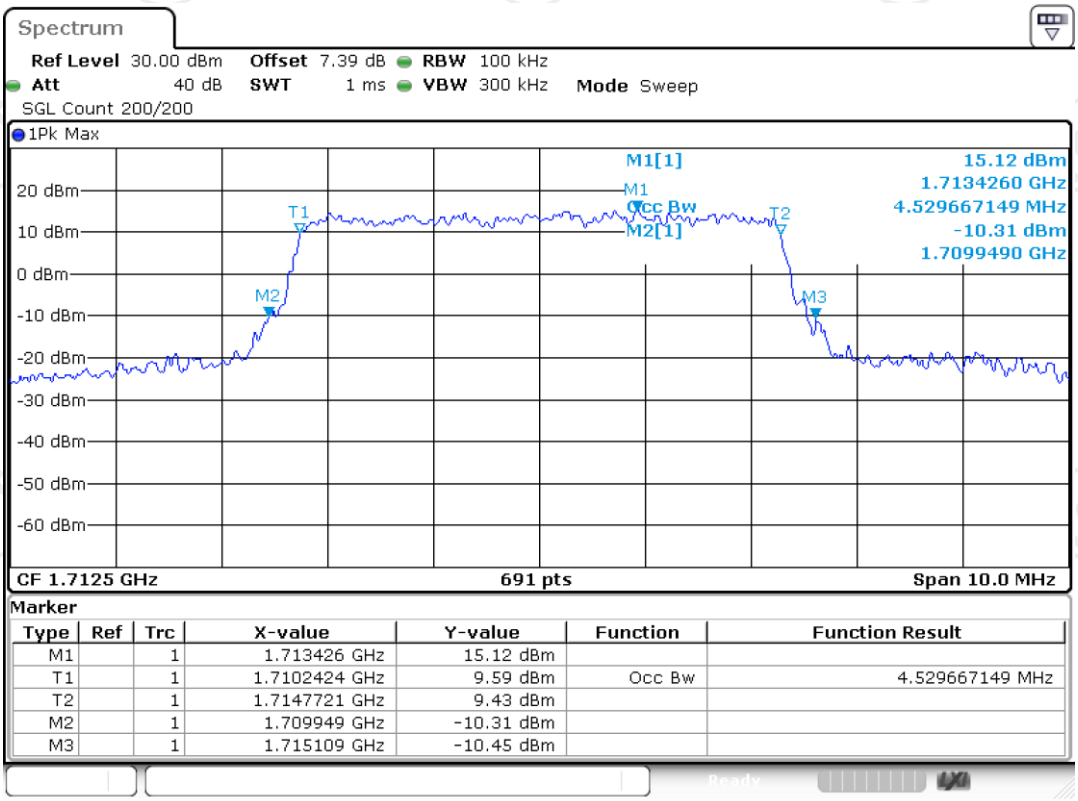


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7544812 GHz	16.63 dBm		
T1		1	1.75214544 GHz	10.92 dBm	Occ Bw	2.726483357 MHz
T2		1	1.75487192 GHz	8.73 dBm		
M2		1	1.752013 GHz	-6.55 dBm		
M3		1	1.754996 GHz	-8.70 dBm		

Date: 5.JUN.2023 15:22:00

Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0

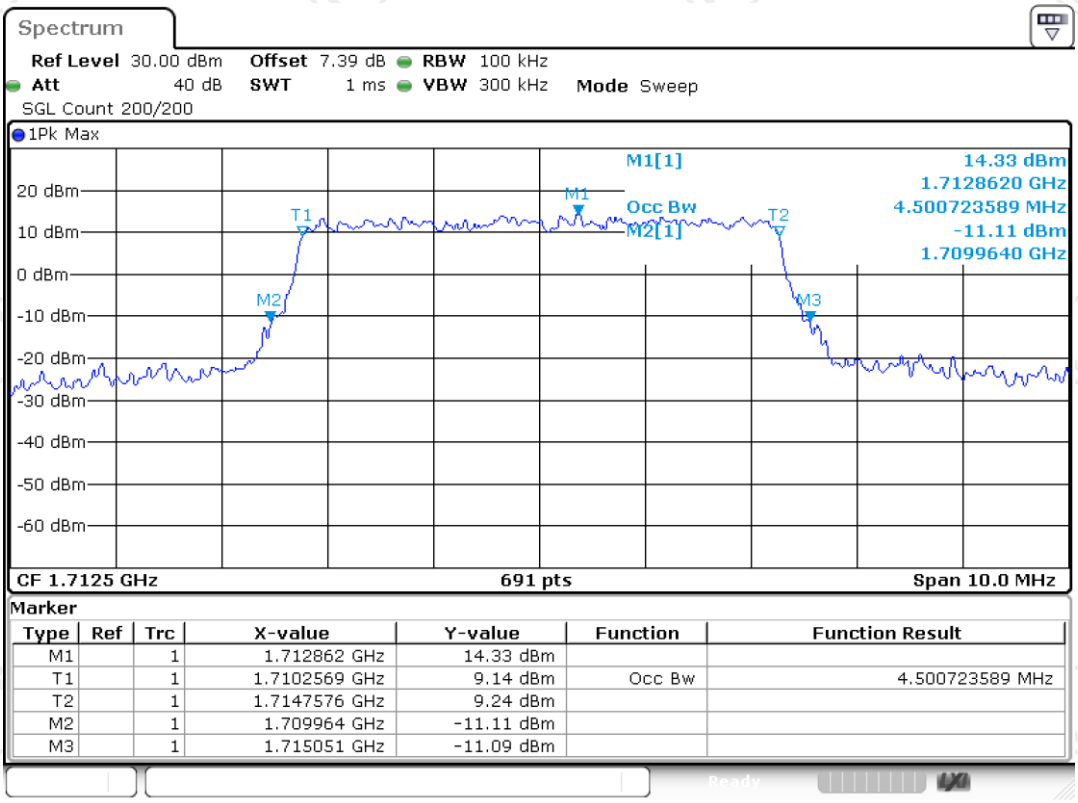


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.713426 GHz	15.12 dBm		
T1		1	1.7102424 GHz	9.59 dBm	Occ Bw	4.529667149 MHz
T2		1	1.7147721 GHz	9.43 dBm		
M2		1	1.709949 GHz	-10.31 dBm		
M3		1	1.715109 GHz	-10.45 dBm		

Date: 5.JUN.2023 15:22:06

Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0

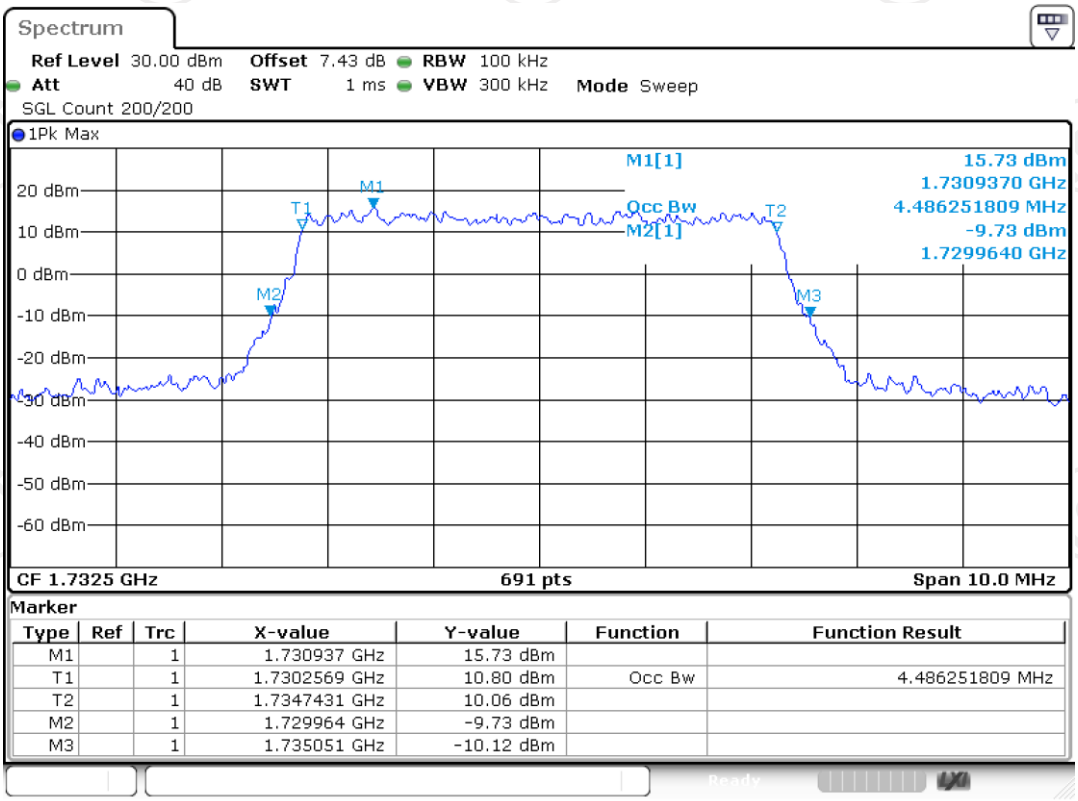


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.712862 GHz	14.33 dBm		
T1		1	1.7102569 GHz	9.14 dBm	Occ Bw	4.500723589 MHz
T2		1	1.7147576 GHz	9.24 dBm		
M2		1	1.709964 GHz	-11.11 dBm		
M3		1	1.715051 GHz	-11.09 dBm		

Date: 5.JUN.2023 15:22:11

Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0

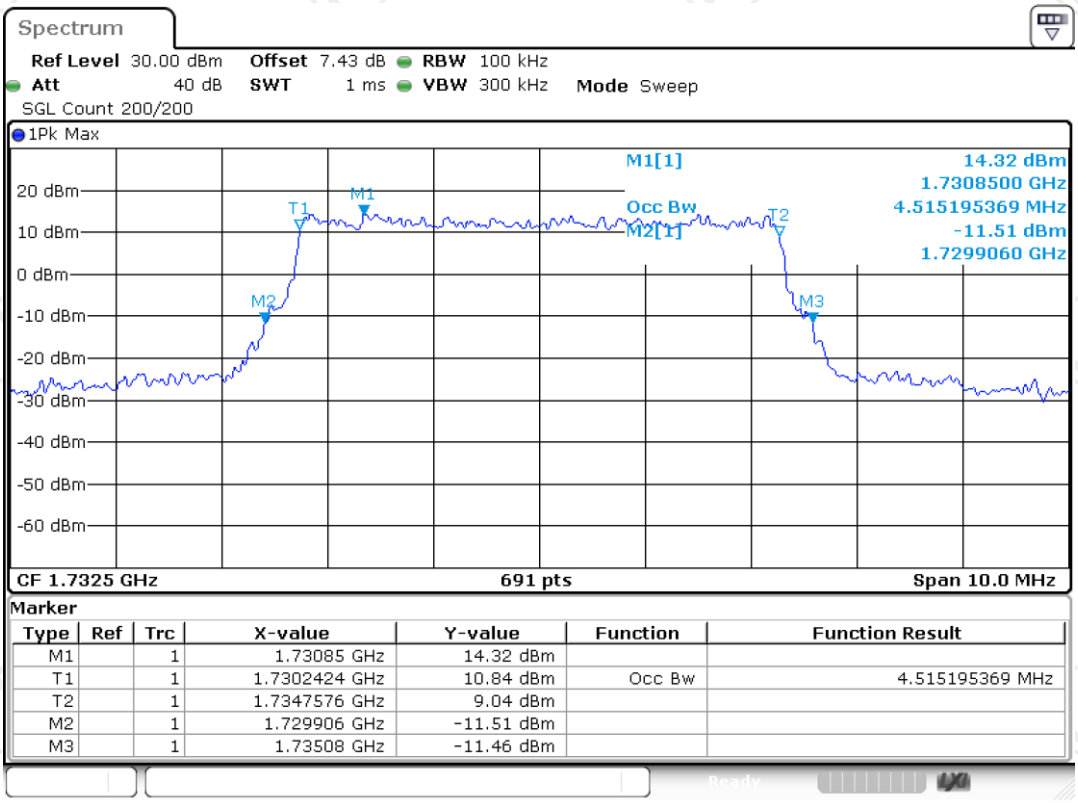


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.730937 GHz	15.73 dBm		
T1		1	1.7302569 GHz	10.80 dBm	Occ Bw	4.486251809 MHz
T2		1	1.7347431 GHz	10.06 dBm		
M2		1	1.729964 GHz	-9.73 dBm		
M3		1	1.735051 GHz	-10.12 dBm		

Date: 5.JUN.2023 15:22:18

Band4 16QAM BW=5MHz Channel=20175 RB Size=25 Position=#0

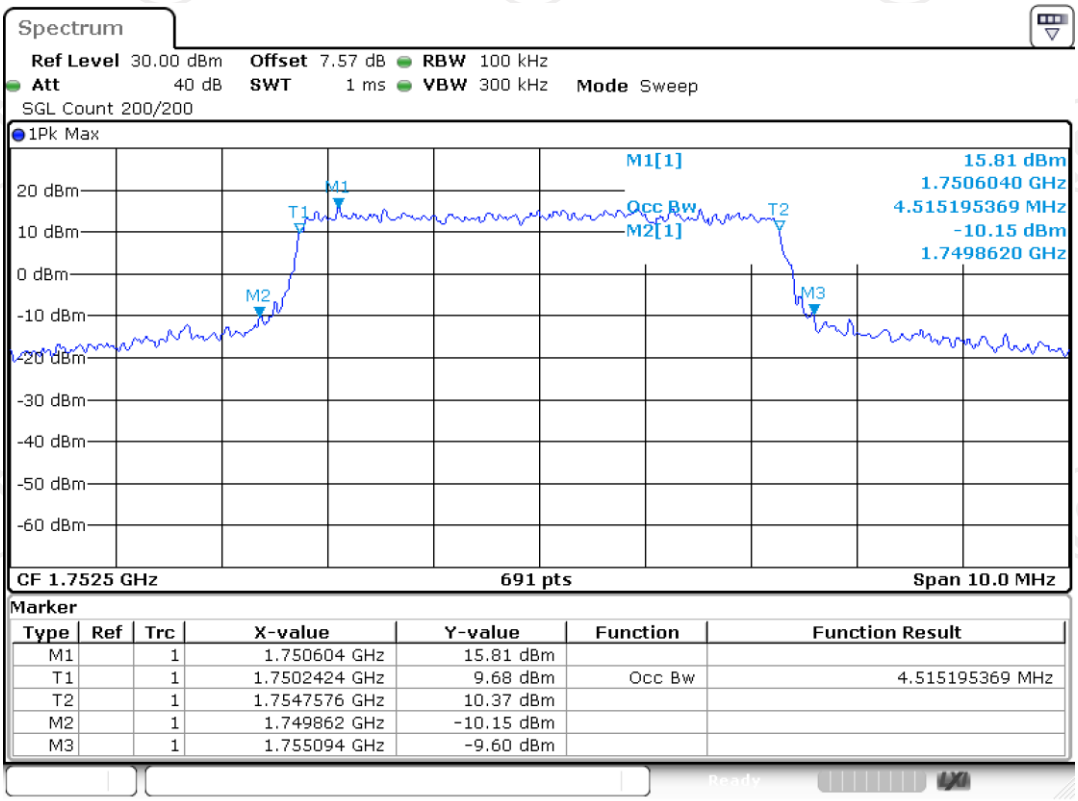


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73085 GHz	14.32 dBm		
T1		1	1.7302424 GHz	10.84 dBm	Occ Bw	4.515195369 MHz
T2		1	1.7347576 GHz	9.04 dBm		
M2		1	1.729906 GHz	-11.51 dBm		
M3		1	1.73508 GHz	-11.46 dBm		

Date: 5.JUN.2023 15:22:24

Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0

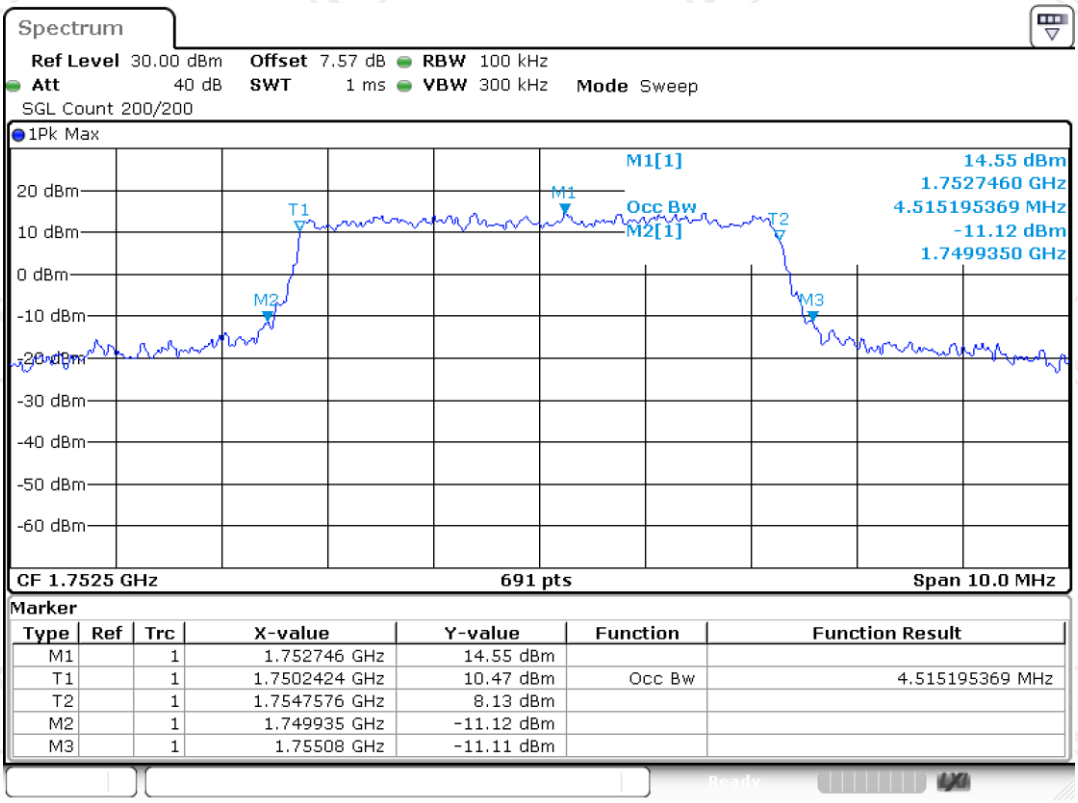


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.750604 GHz	15.81 dBm		
T1		1	1.7502424 GHz	9.68 dBm	Occ Bw	4.515195369 MHz
T2		1	1.7547576 GHz	10.37 dBm		
M2		1	1.749862 GHz	-10.15 dBm		
M3		1	1.755094 GHz	-9.60 dBm		

Date: 5.JUN.2023 15:22:29

Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0

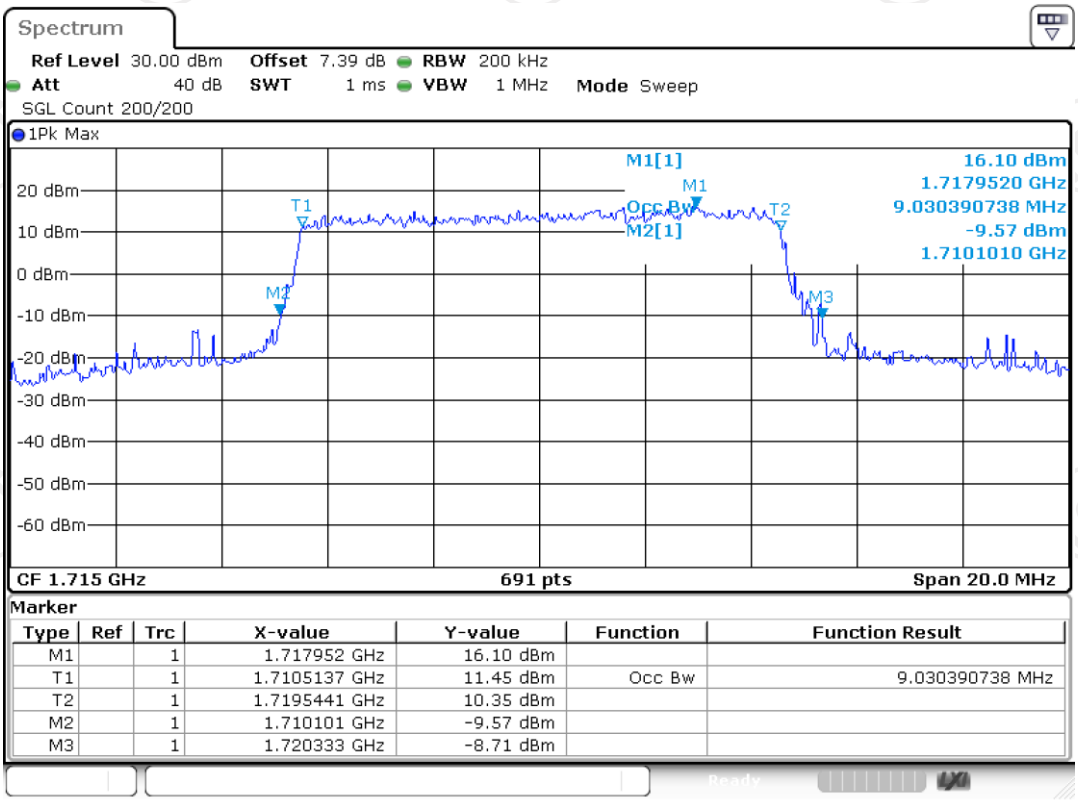


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.752746 GHz	14.55 dBm		
T1		1	1.7502424 GHz	10.47 dBm	Occ Bw	4.515195369 MHz
T2		1	1.7547576 GHz	8.13 dBm		
M2		1	1.749935 GHz	-11.12 dBm		
M3		1	1.75508 GHz	-11.11 dBm		

Date: 5.JUN.2023 15:22:34

Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0

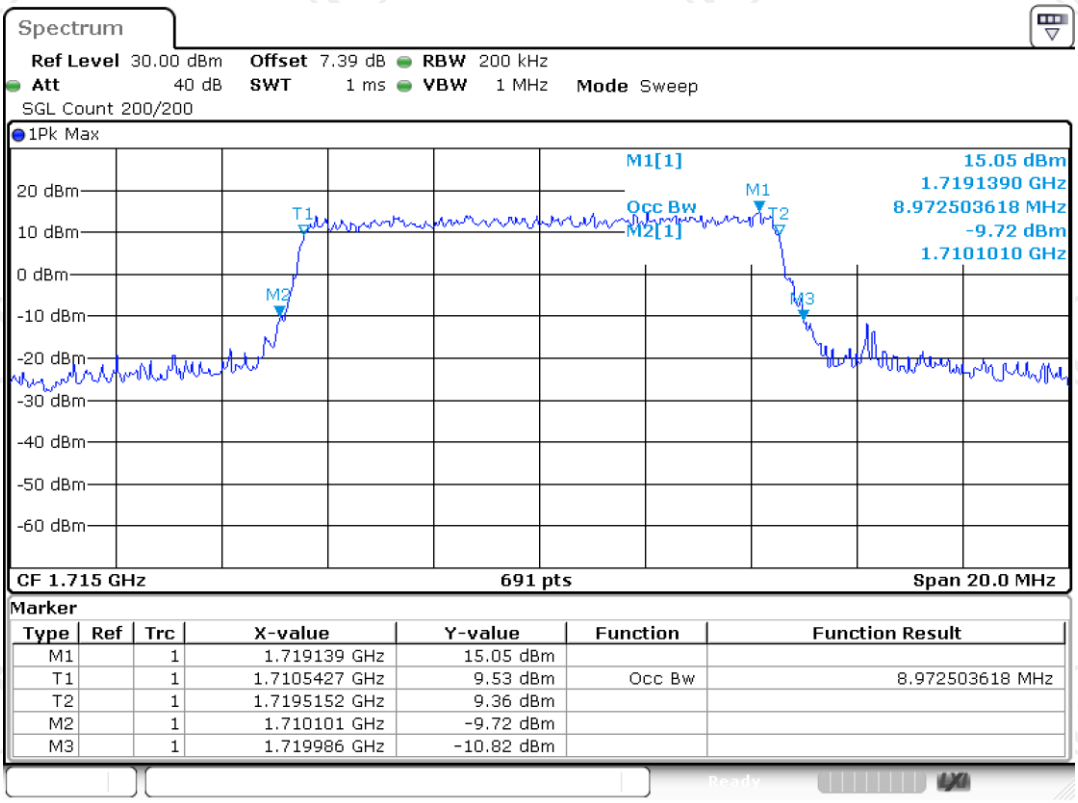


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.717952 GHz	16.10 dBm		
T1		1	1.7105137 GHz	11.45 dBm	Occ Bw	9.030390738 MHz
T2		1	1.7195441 GHz	10.35 dBm		
M2		1	1.710101 GHz	-9.57 dBm		
M3		1	1.720333 GHz	-8.71 dBm		

Date: 5.JUN.2023 15:22:41

Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0

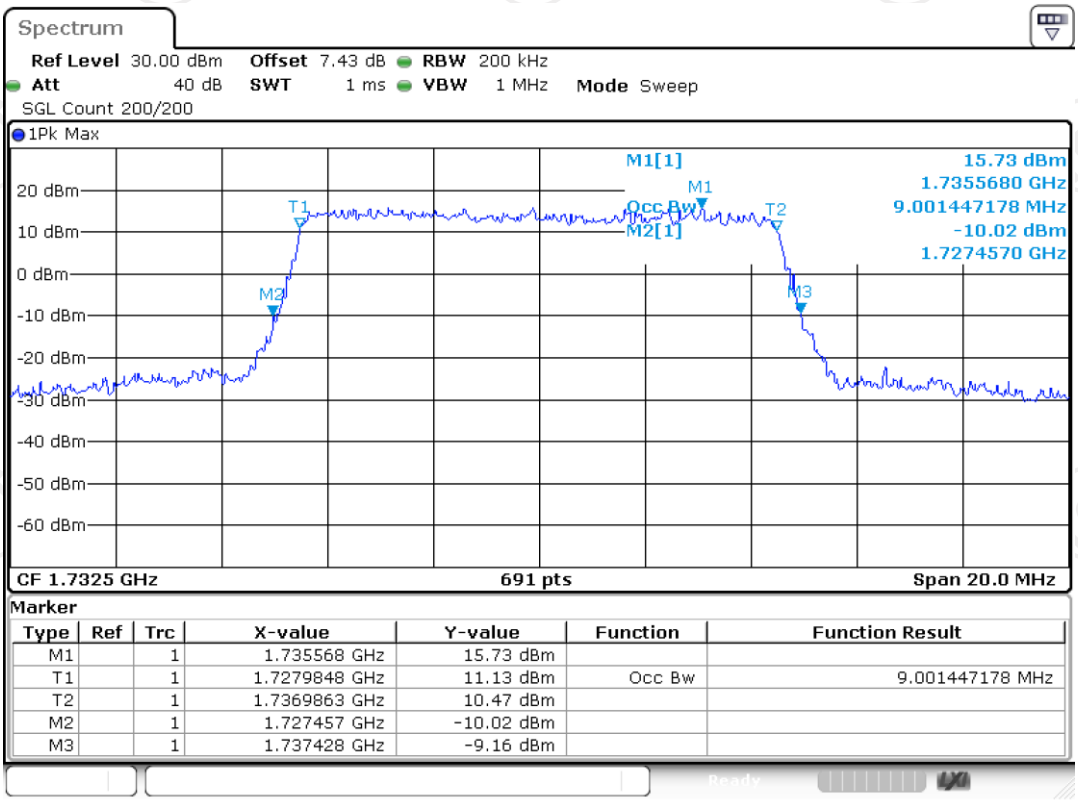


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.719139 GHz	15.05 dBm		
T1		1	1.7105427 GHz	9.53 dBm	Occ Bw	8.972503618 MHz
T2		1	1.7195152 GHz	9.36 dBm		
M2		1	1.710101 GHz	-9.72 dBm		
M3		1	1.719986 GHz	-10.82 dBm		

Date: 5.JUN.2023 15:22:46

Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0

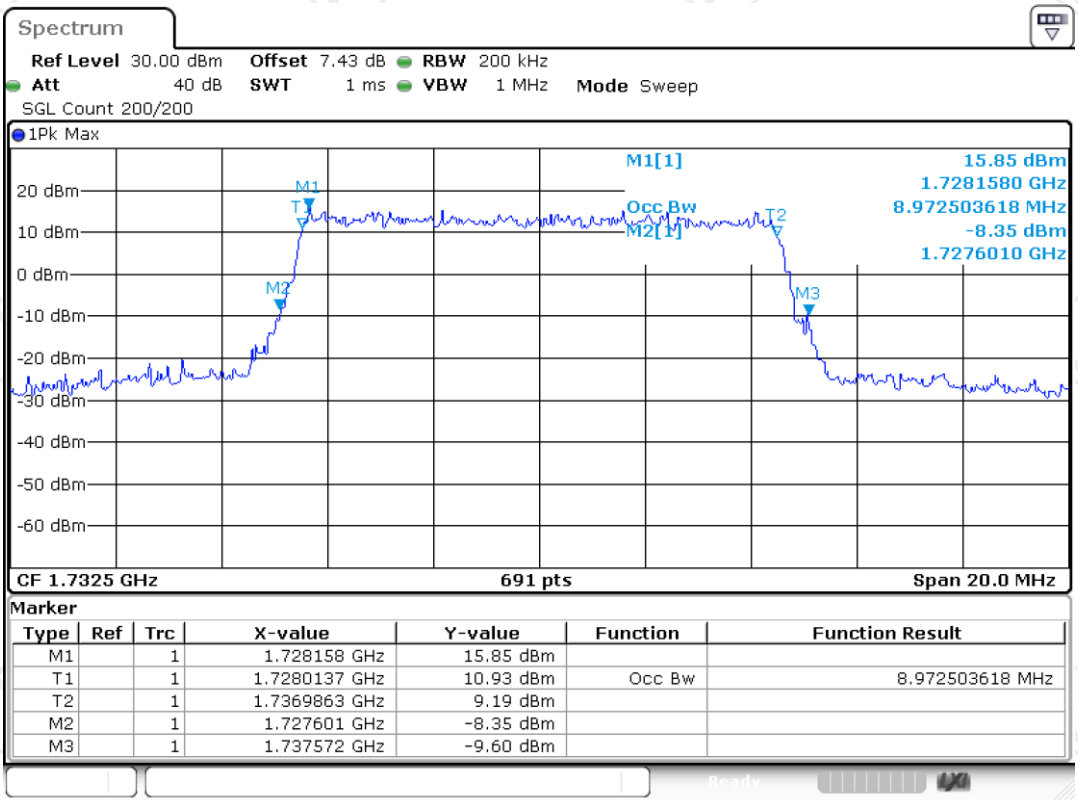


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.735568 GHz	15.73 dBm		
T1		1	1.7279848 GHz	11.13 dBm	Occ Bw	9.001447178 MHz
T2		1	1.7369863 GHz	10.47 dBm		
M2		1	1.727457 GHz	-10.02 dBm		
M3		1	1.737428 GHz	-9.16 dBm		

Date: 5.JUN.2023 15:22:54

Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0

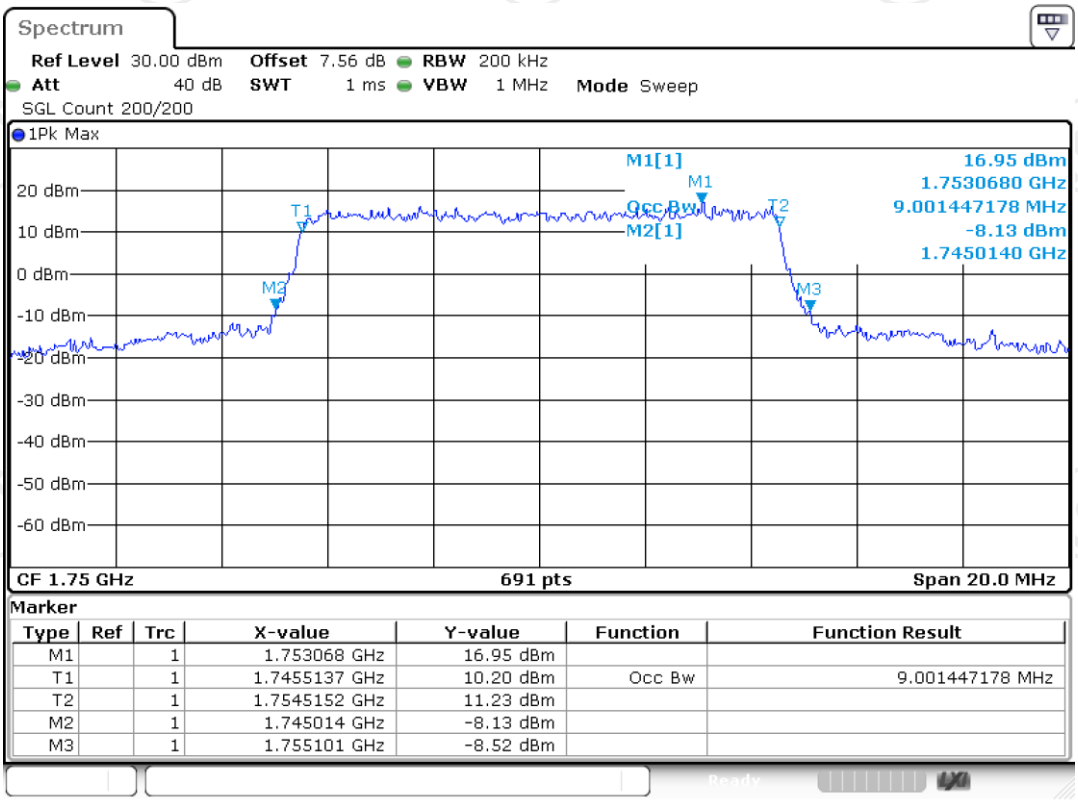


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.728158 GHz	15.85 dBm		
T1		1	1.7280137 GHz	10.93 dBm	Occ Bw	8.972503618 MHz
T2		1	1.7369863 GHz	9.19 dBm		
M2		1	1.727601 GHz	-8.35 dBm		
M3		1	1.737572 GHz	-9.60 dBm		

Date: 5.JUN.2023 15:23:02

Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.753068 GHz	16.95 dBm		
T1		1	1.7455137 GHz	10.20 dBm	Occ Bw	9.001447178 MHz
T2		1	1.7545152 GHz	11.23 dBm		
M2		1	1.745014 GHz	-8.13 dBm		
M3		1	1.755101 GHz	-8.52 dBm		

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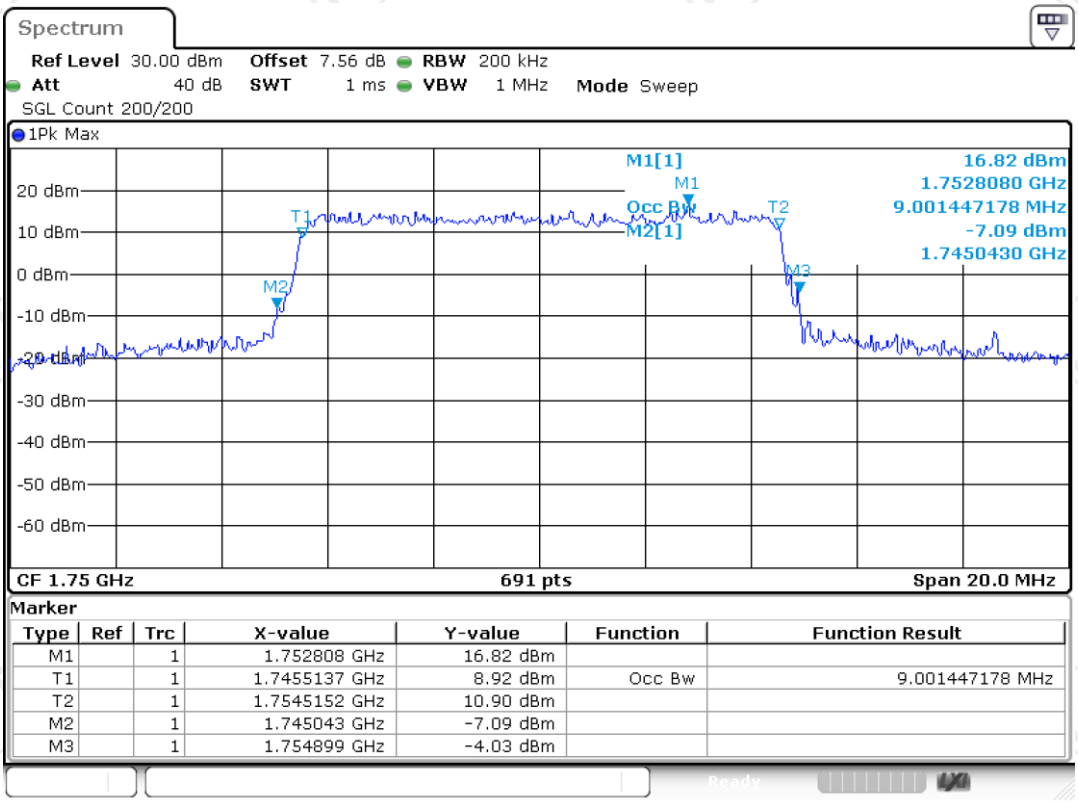
Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0

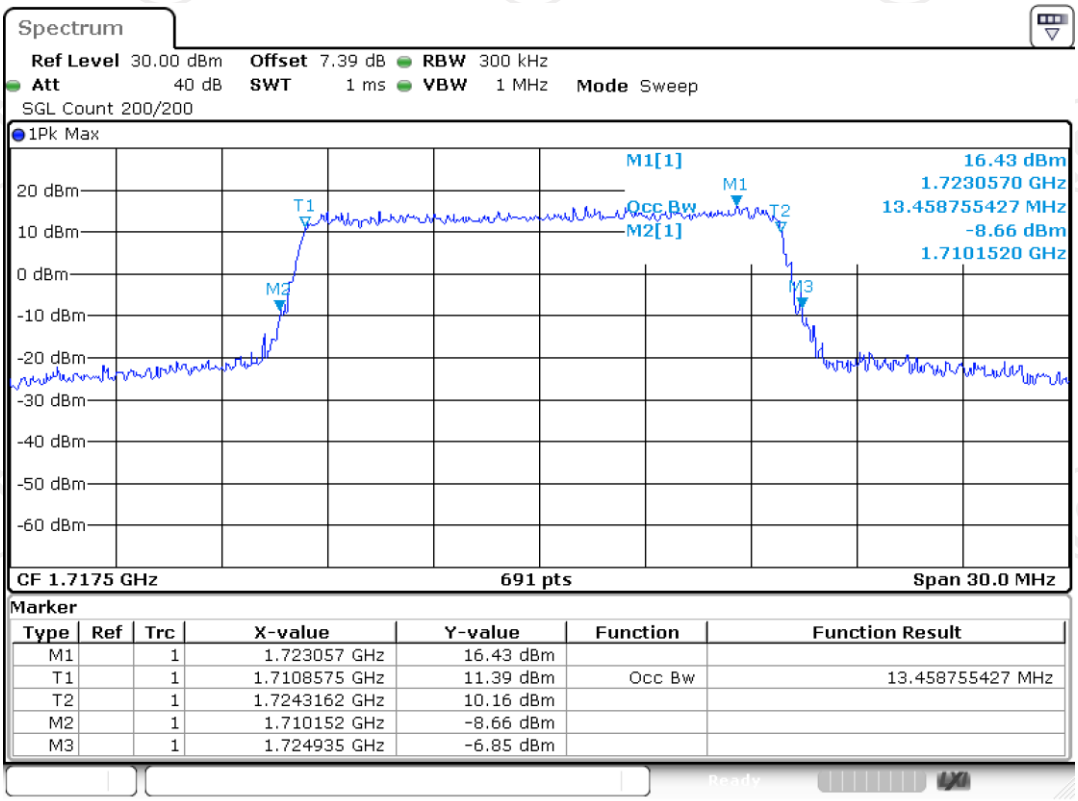


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.752808 GHz	16.82 dBm		
T1		1	1.7455137 GHz	8.92 dBm	Occ Bw	9.001447178 MHz
T2		1	1.7545152 GHz	10.90 dBm		
M2		1	1.745043 GHz	-7.09 dBm		
M3		1	1.754899 GHz	-4.03 dBm		

Date: 5.JUN.2023 15:23:14

Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0

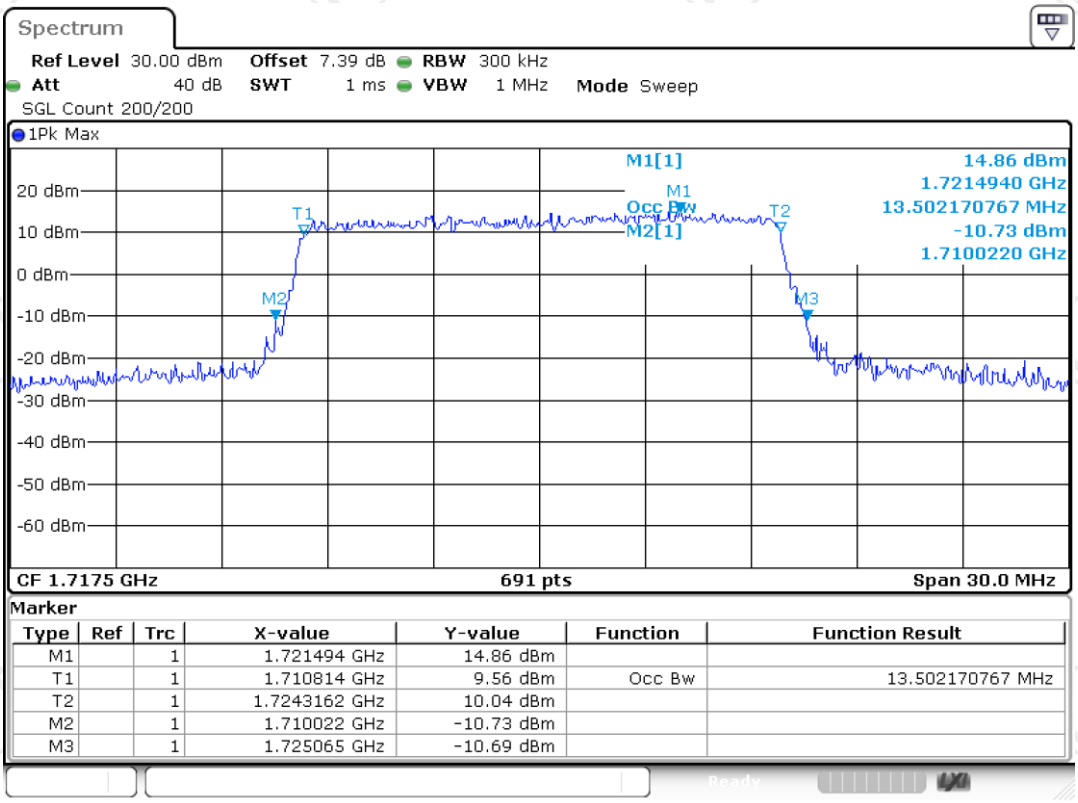


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.723057 GHz	16.43 dBm		
T1		1	1.7108575 GHz	11.39 dBm	Occ Bw	13.458755427 MHz
T2		1	1.7243162 GHz	10.16 dBm		
M2		1	1.710152 GHz	-8.66 dBm		
M3		1	1.724935 GHz	-6.85 dBm		

Date: 5.JUN.2023 15:23:20

Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0

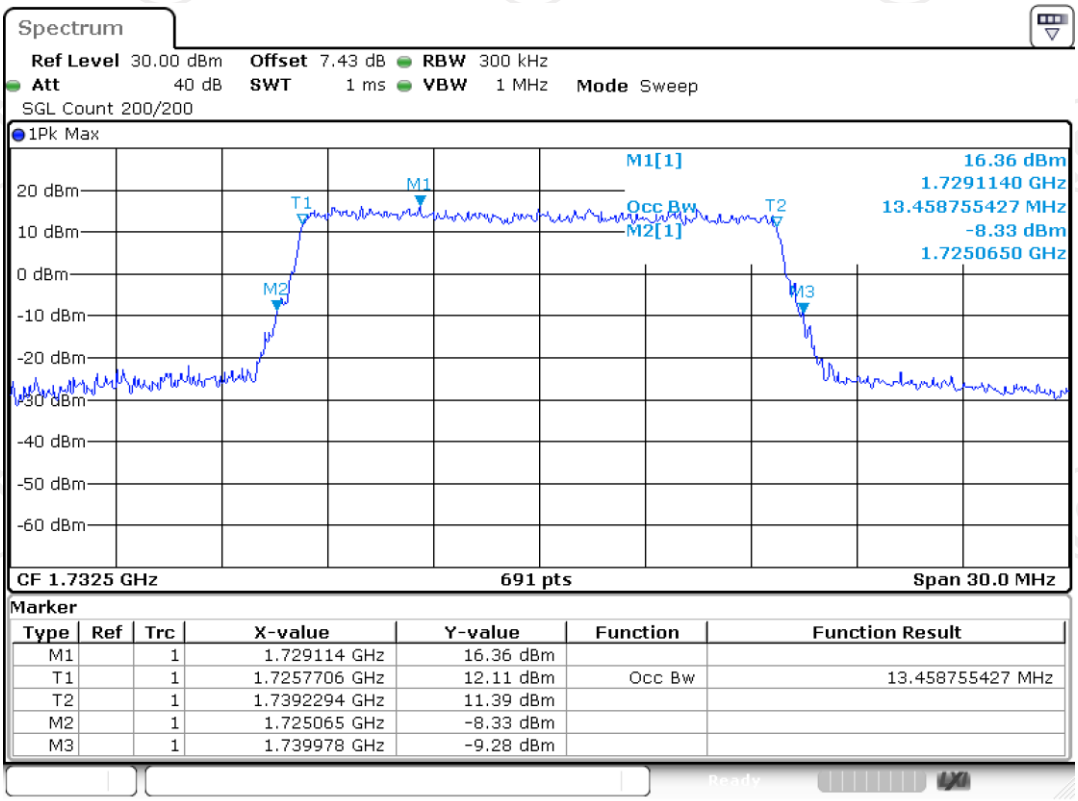


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.721494 GHz	14.86 dBm		
T1		1	1.710814 GHz	9.56 dBm	Occ Bw	13.502170767 MHz
T2		1	1.7243162 GHz	10.04 dBm		
M2		1	1.710022 GHz	-10.73 dBm		
M3		1	1.725065 GHz	-10.69 dBm		

Date: 5.JUN.2023 15:23:25

Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.729114 GHz	16.36 dBm		
T1		1	1.7257706 GHz	12.11 dBm	Occ Bw	13.458755427 MHz
T2		1	1.7392294 GHz	11.39 dBm		
M2		1	1.725065 GHz	-8.33 dBm		
M3		1	1.739978 GHz	-9.28 dBm		

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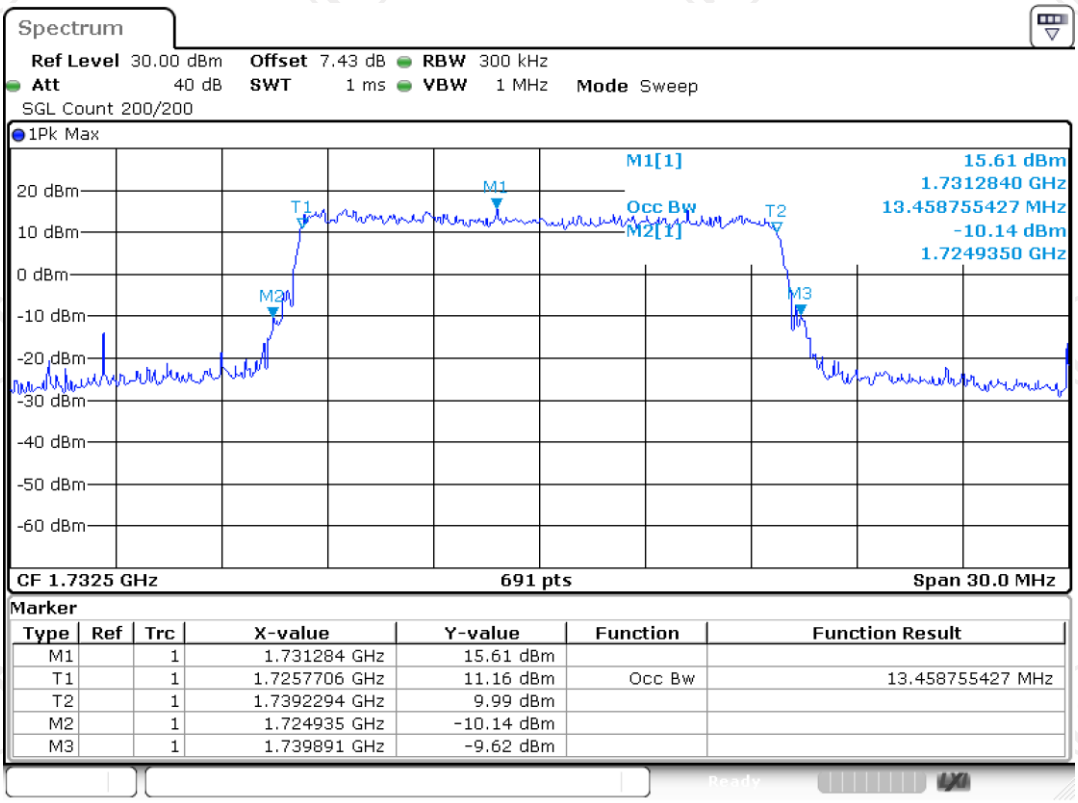
Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0

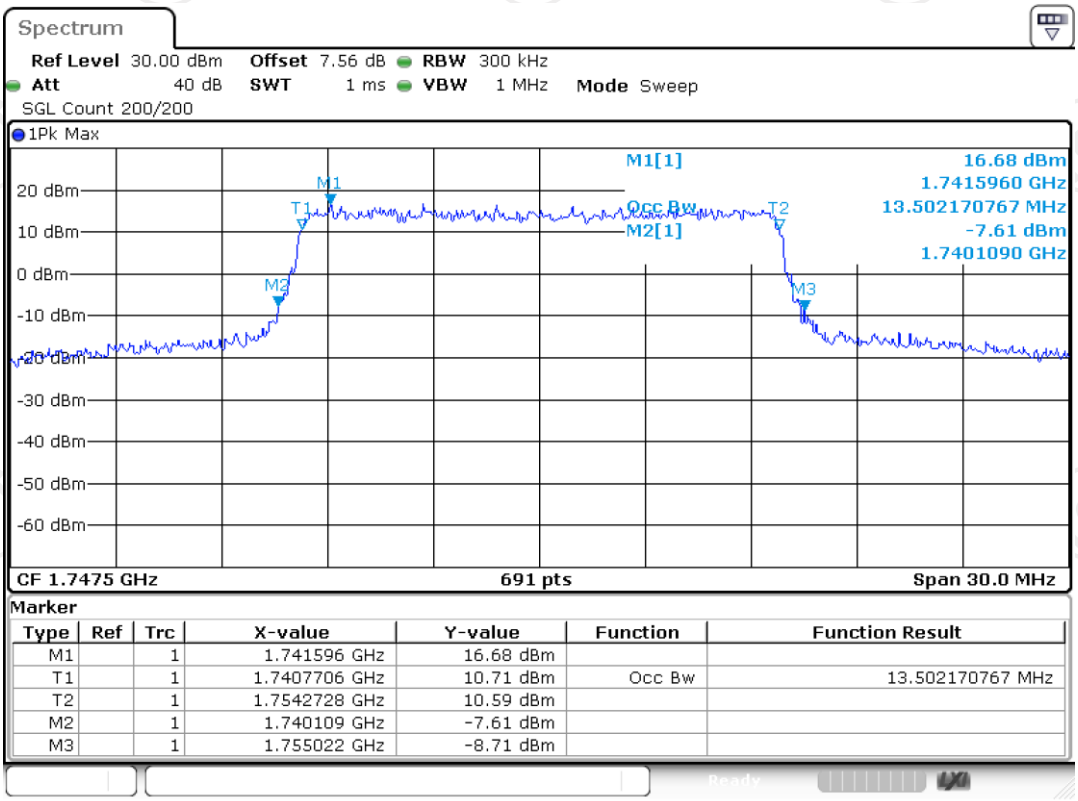


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.731284 GHz	15.61 dBm		
T1		1	1.7257706 GHz	11.16 dBm	Occ Bw	13.458755427 MHz
T2		1	1.7392294 GHz	9.99 dBm		
M2		1	1.724935 GHz	-10.14 dBm		
M3		1	1.739891 GHz	-9.62 dBm		

Date: 5.JUN.2023 15:23:36

Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.741596 GHz	16.68 dBm		
T1		1	1.7407706 GHz	10.71 dBm	Occ Bw	13.502170767 MHz
T2		1	1.7542728 GHz	10.59 dBm		
M2		1	1.740109 GHz	-7.61 dBm		
M3		1	1.755022 GHz	-8.71 dBm		

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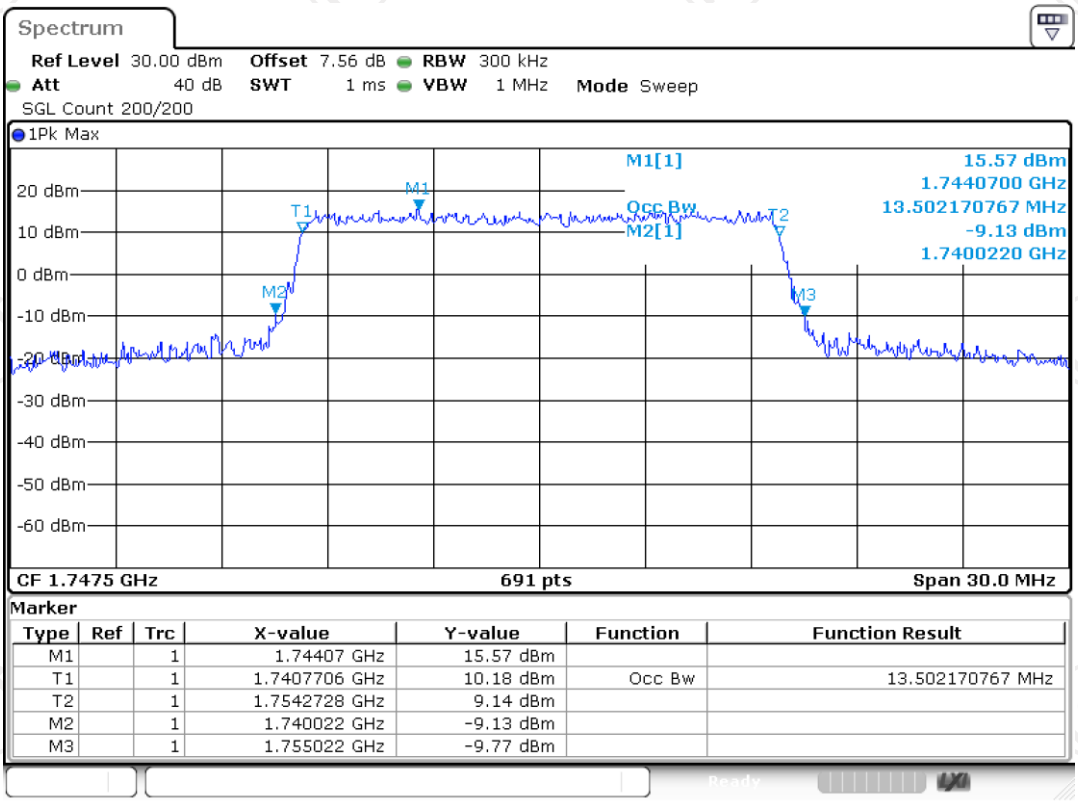
Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74407 GHz	15.57 dBm		
T1		1	1.7407706 GHz	10.18 dBm	Occ Bw	13.502170767 MHz
T2		1	1.7542728 GHz	9.14 dBm		
M2		1	1.740022 GHz	-9.13 dBm		
M3		1	1.755022 GHz	-9.77 dBm		

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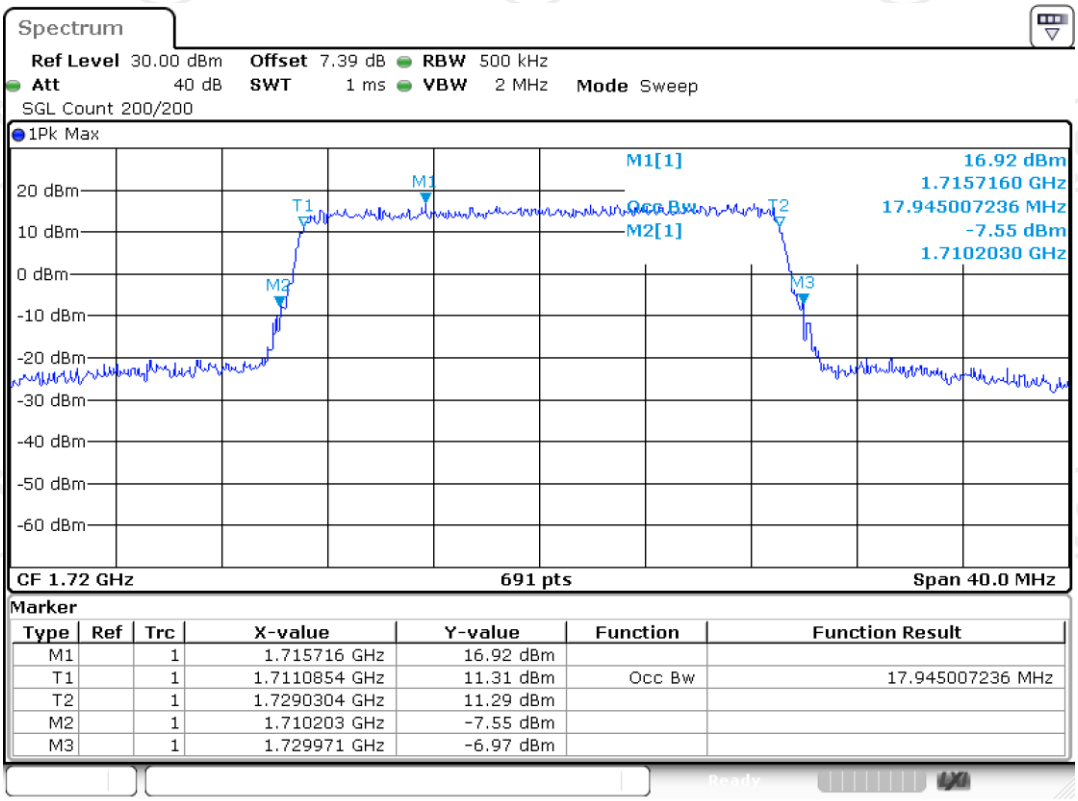
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.715716 GHz	16.92 dBm		
T1		1	1.7110854 GHz	11.31 dBm	Occ Bw	17.945007236 MHz
T2		1	1.7290304 GHz	11.29 dBm		
M2		1	1.710203 GHz	-7.55 dBm		
M3		1	1.729971 GHz	-6.97 dBm		

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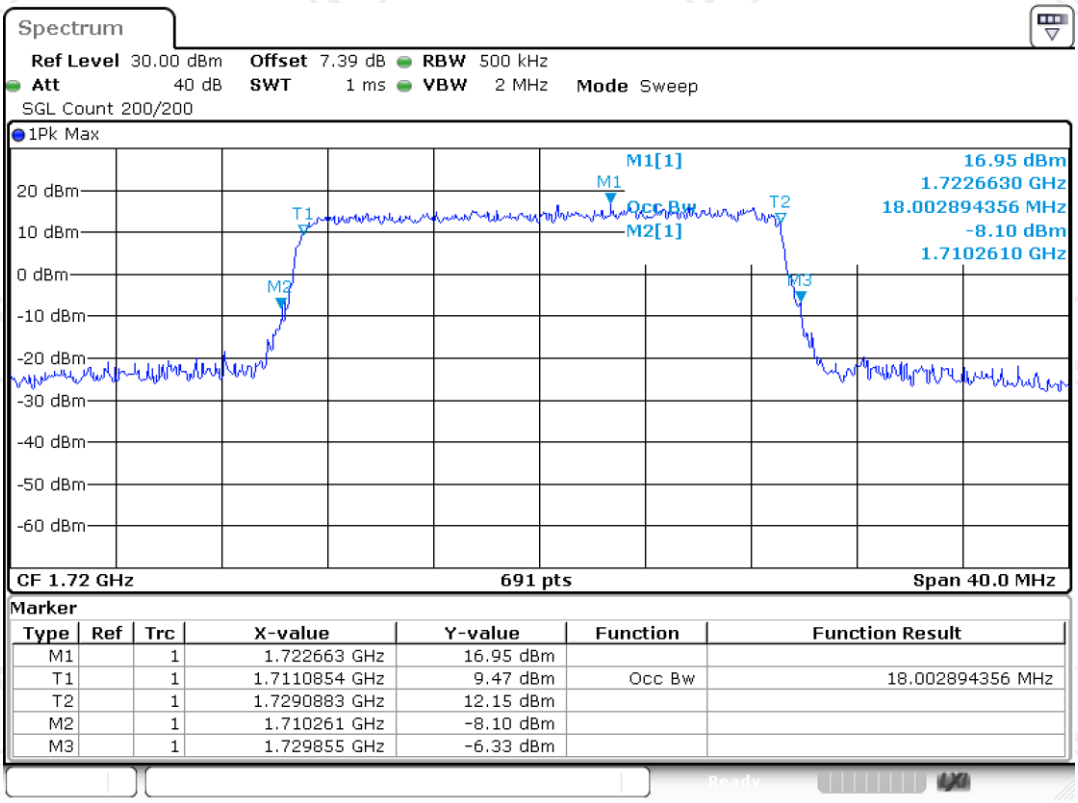
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.722663 GHz	16.95 dBm		
T1		1	1.7110854 GHz	9.47 dBm	Occ Bw	18.002894356 MHz
T2		1	1.7290883 GHz	12.15 dBm		
M2		1	1.710261 GHz	-8.10 dBm		
M3		1	1.729855 GHz	-6.33 dBm		

Date: 5.JUN.2023 15:23:57