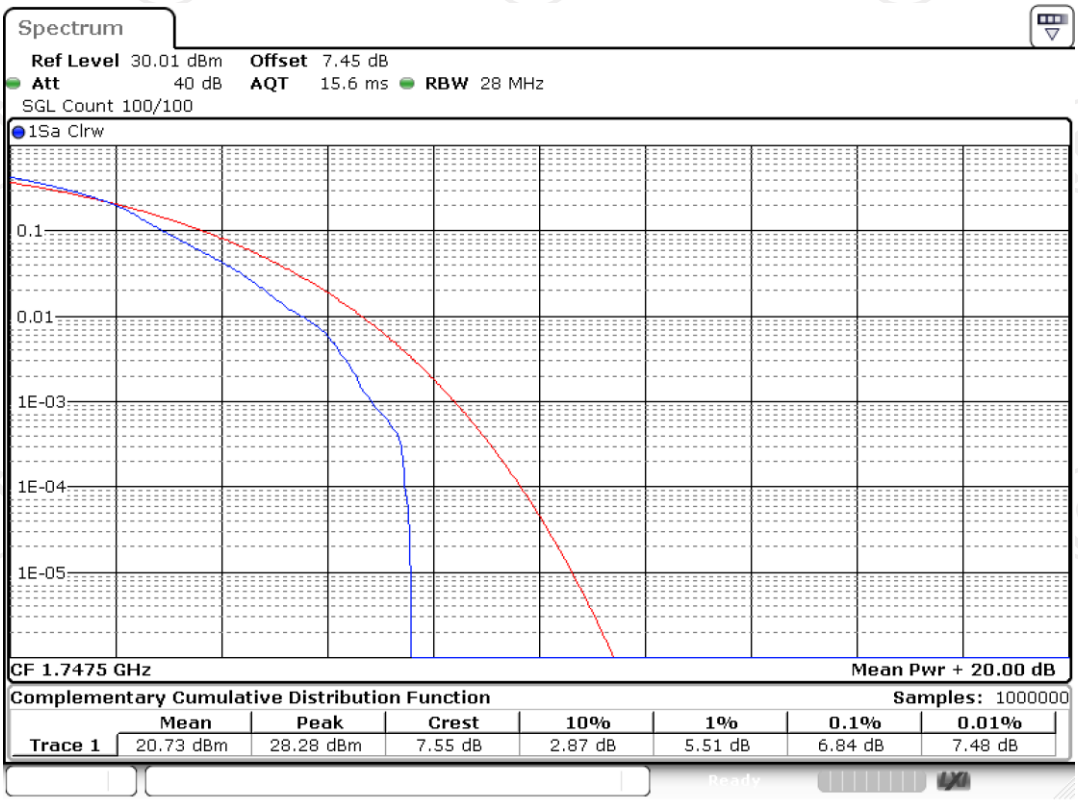
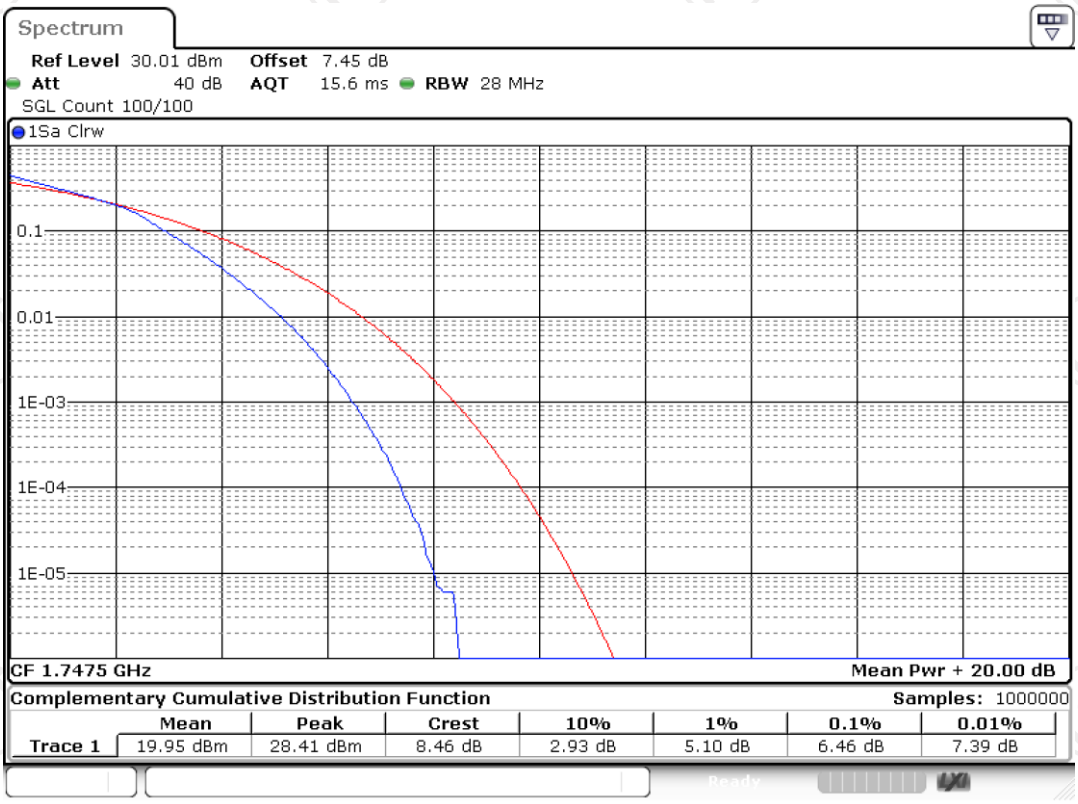
Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0



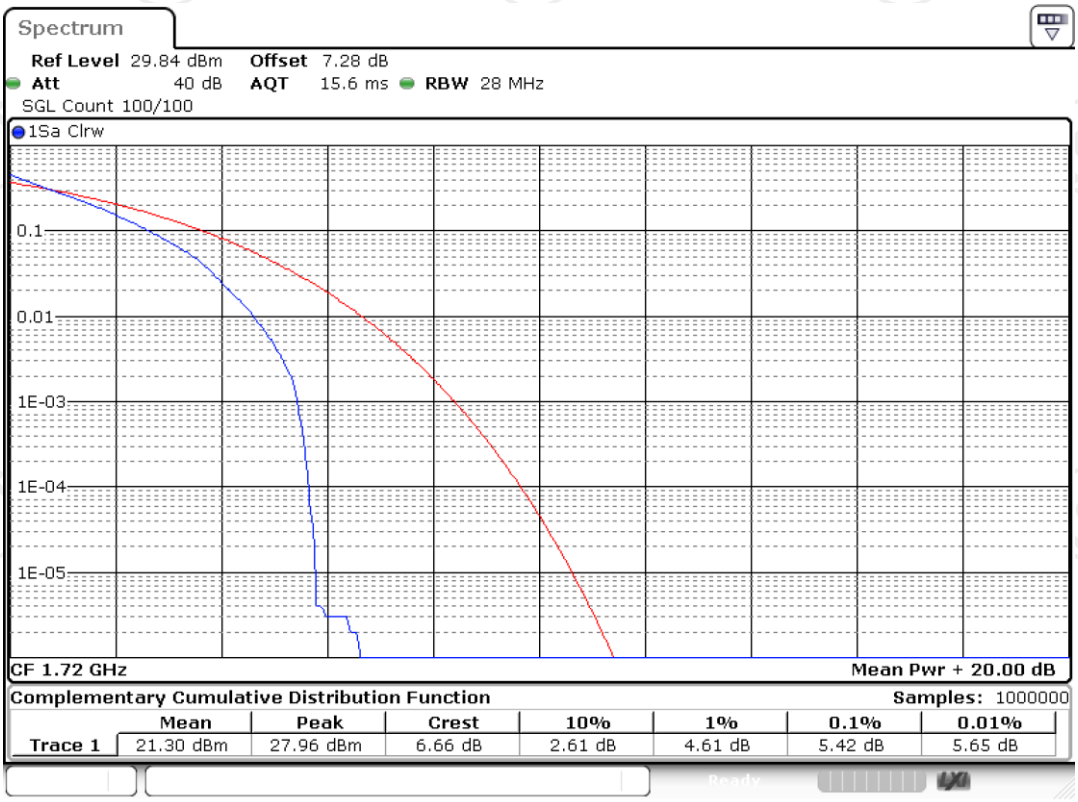
Date: 5.JUN.2023 18:50:02

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



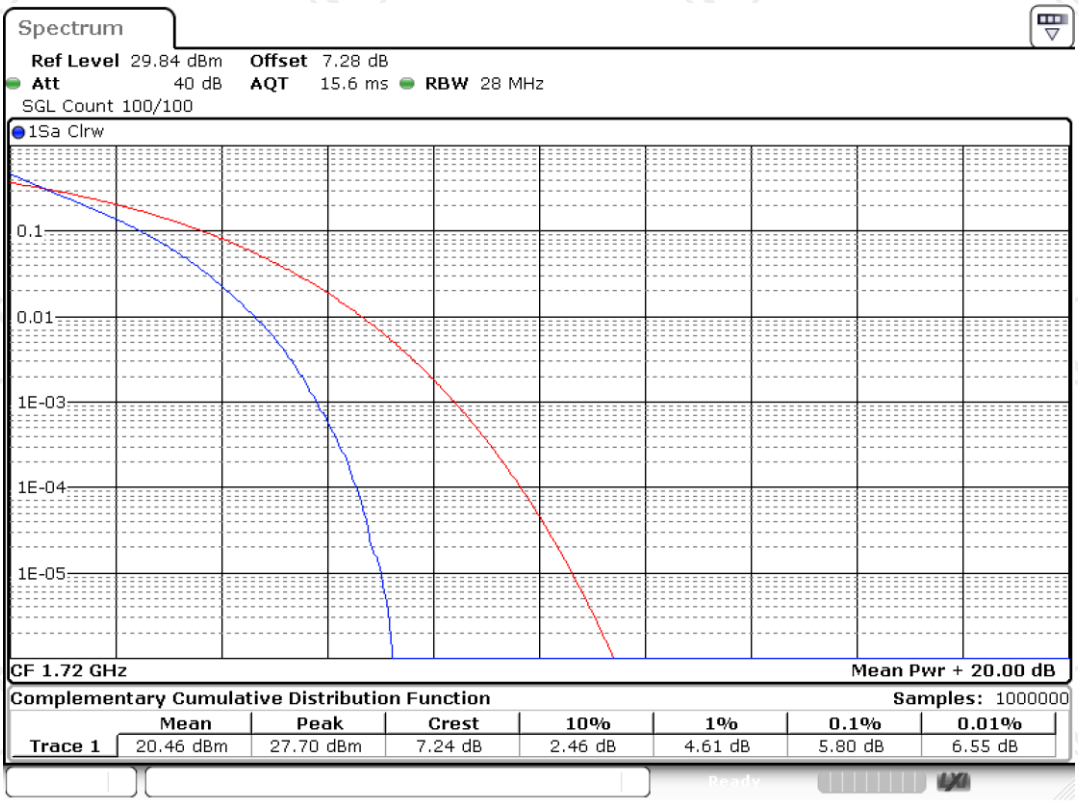
Date: 5.JUN.2023 18:50:09

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



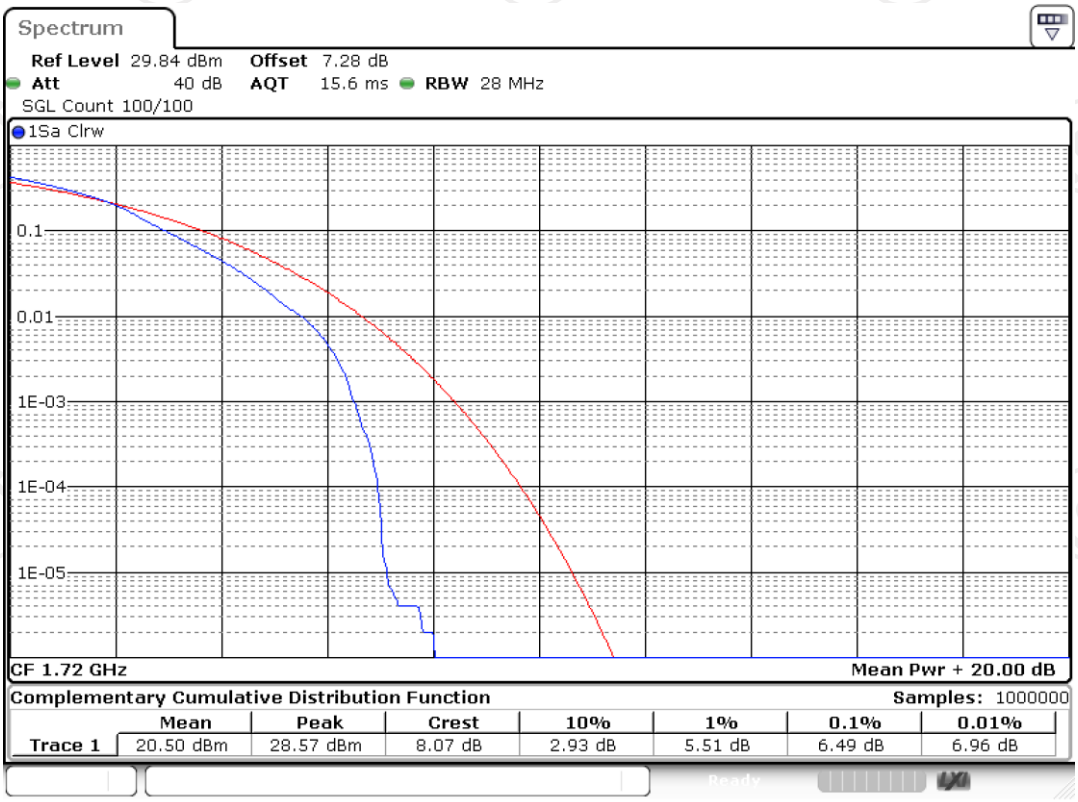
Date: 5.JUN.2023 18:50:17

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



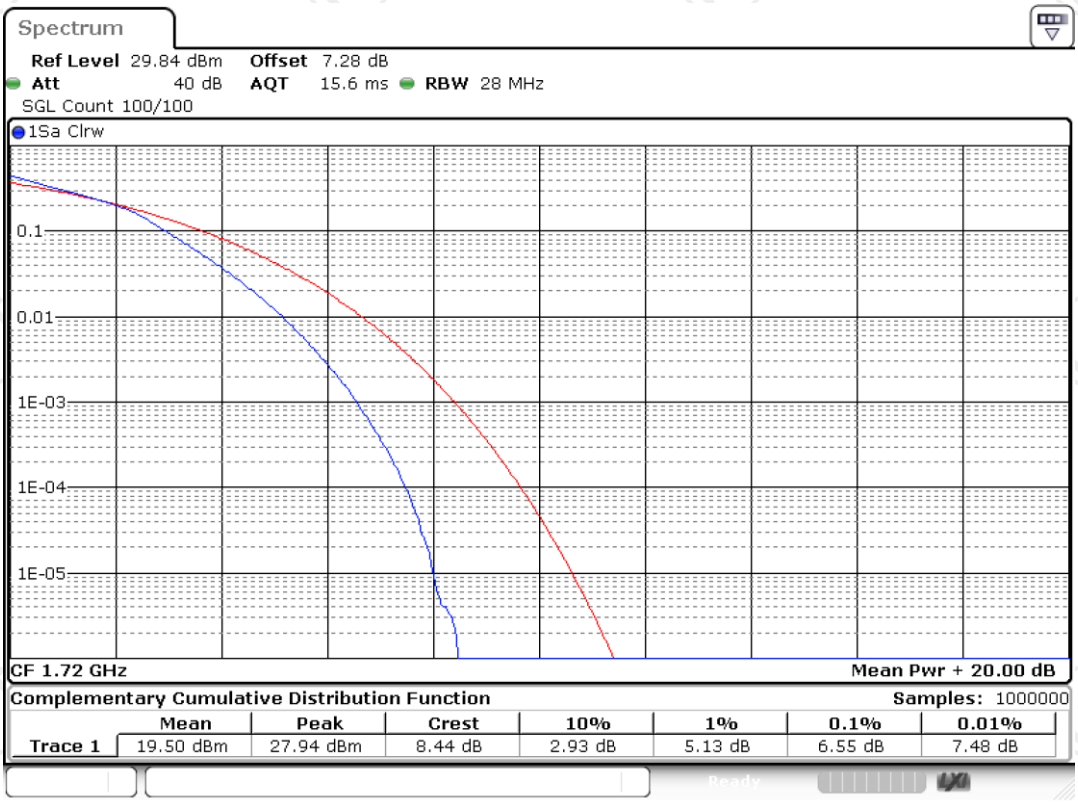
Date: 5.JUN.2023 18:50:23

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



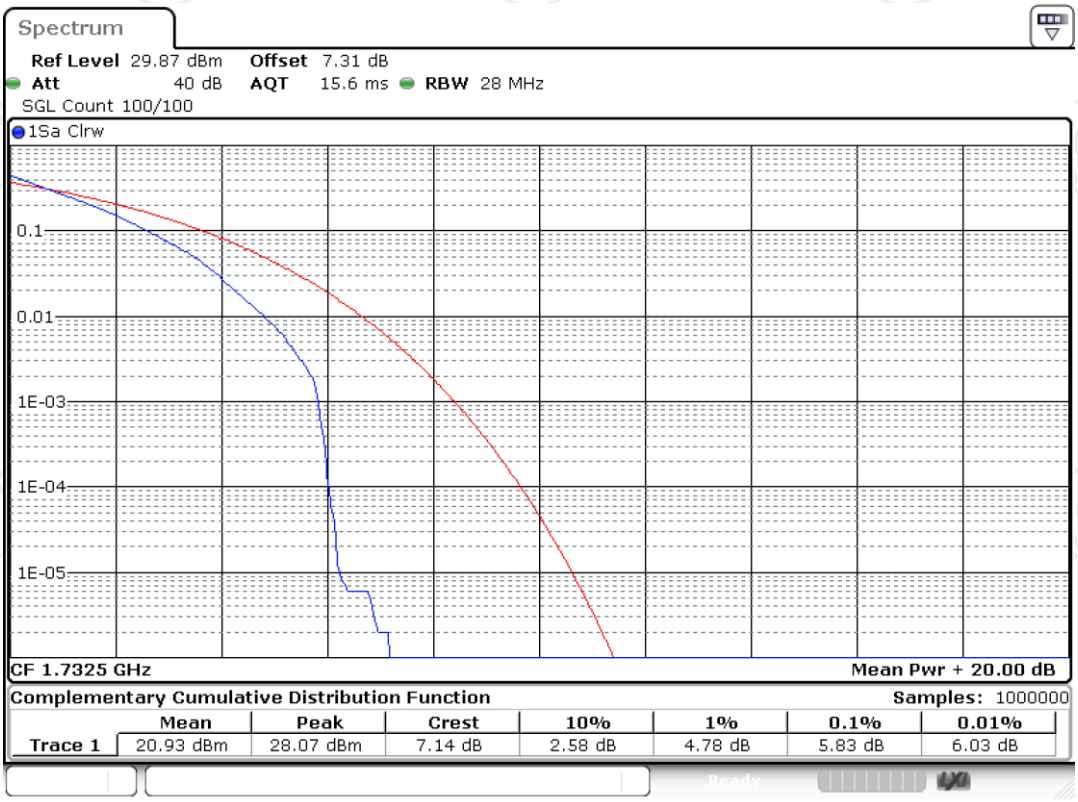
Date: 5.JUN.2023 18:50:30

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



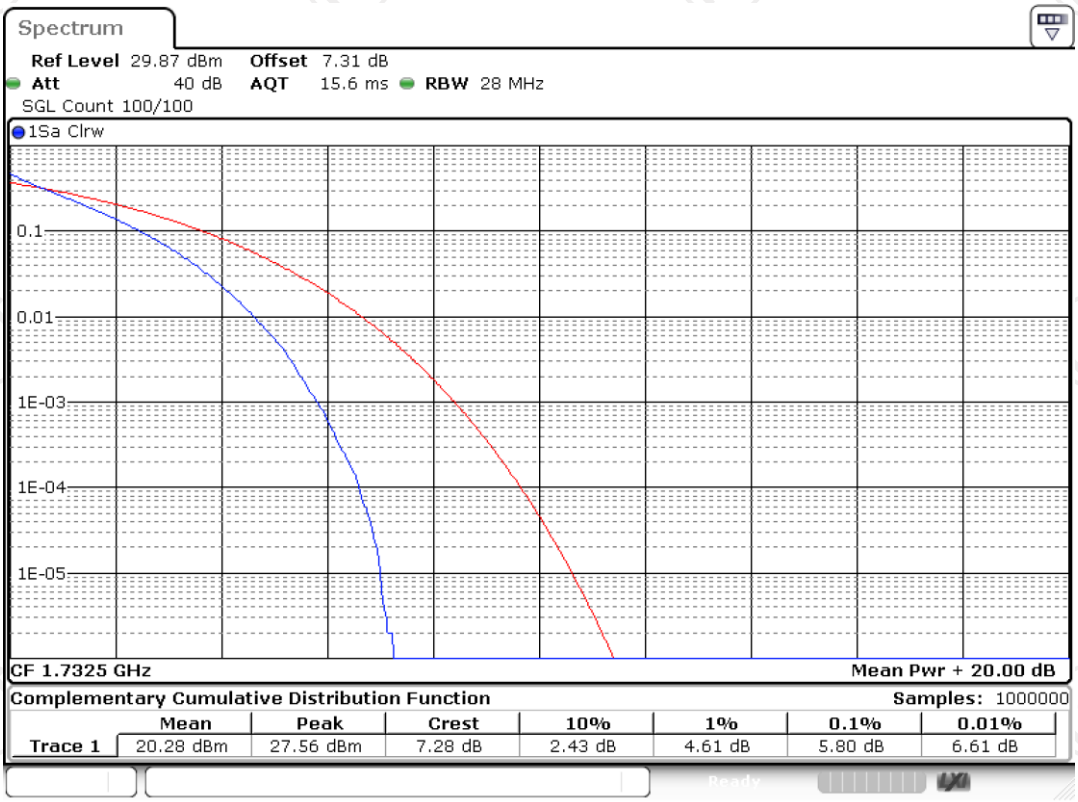
Date: 5.JUN.2023 18:50:37

Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



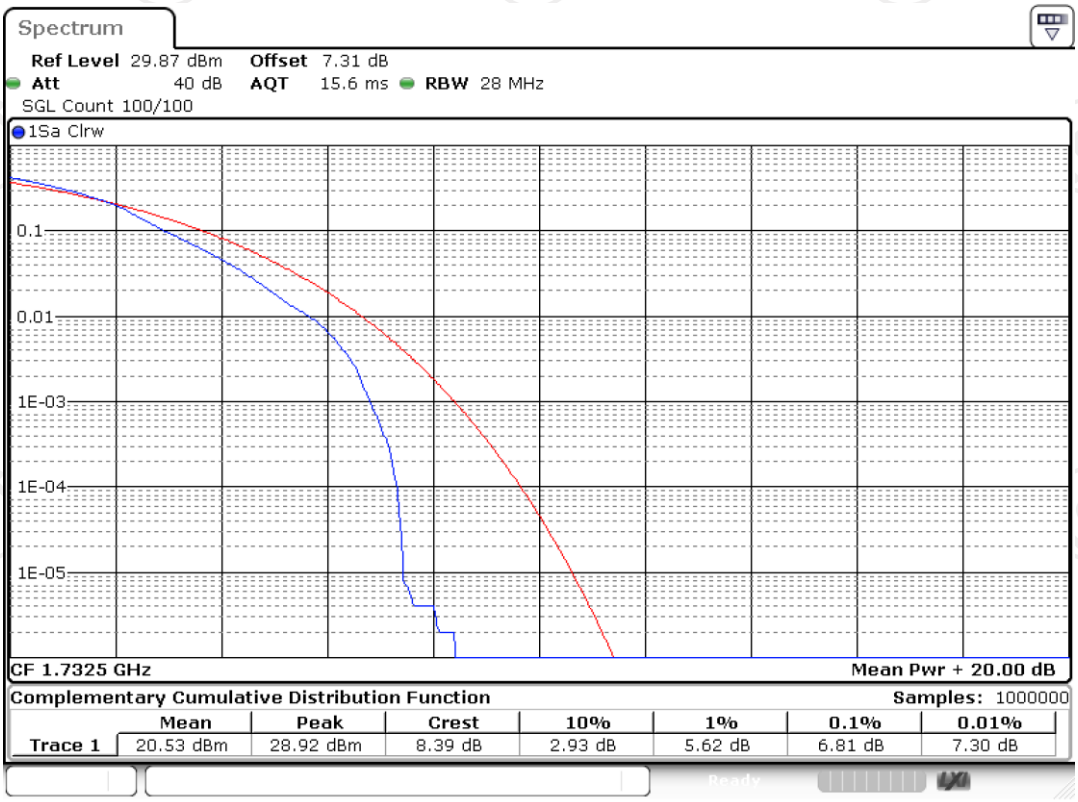
Date: 5.JUN.2023 18:50:44

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



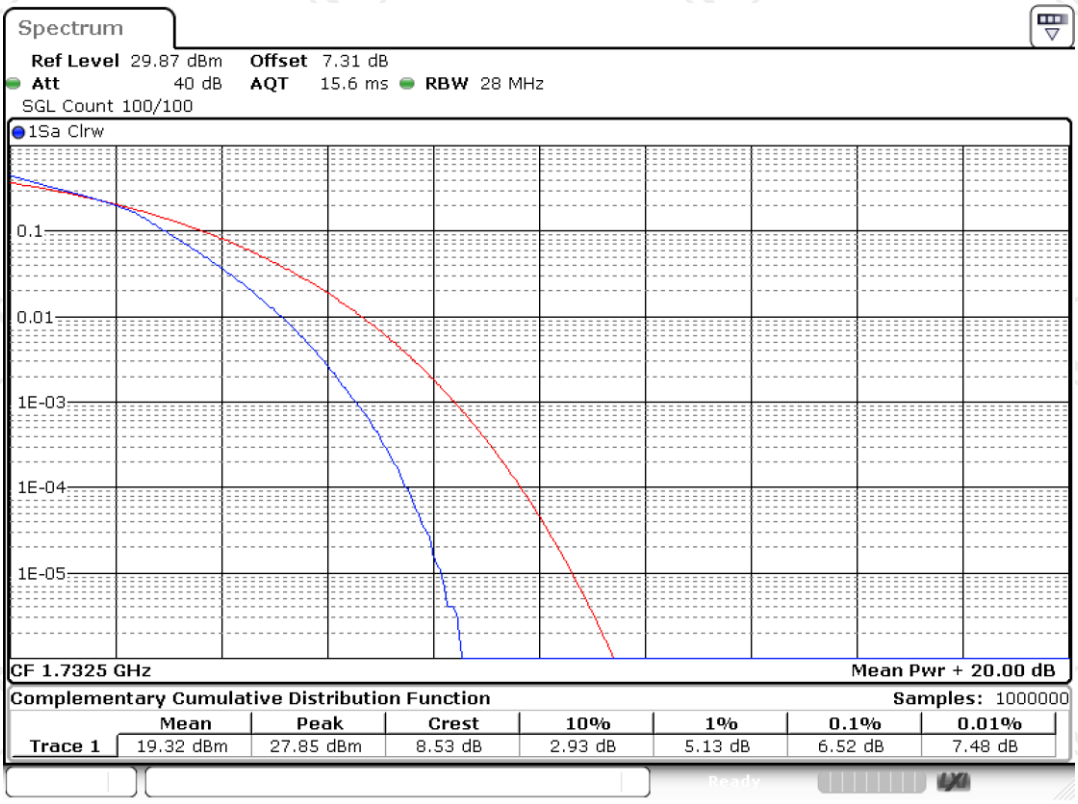
Date: 5.JUN.2023 18:50:51

Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0



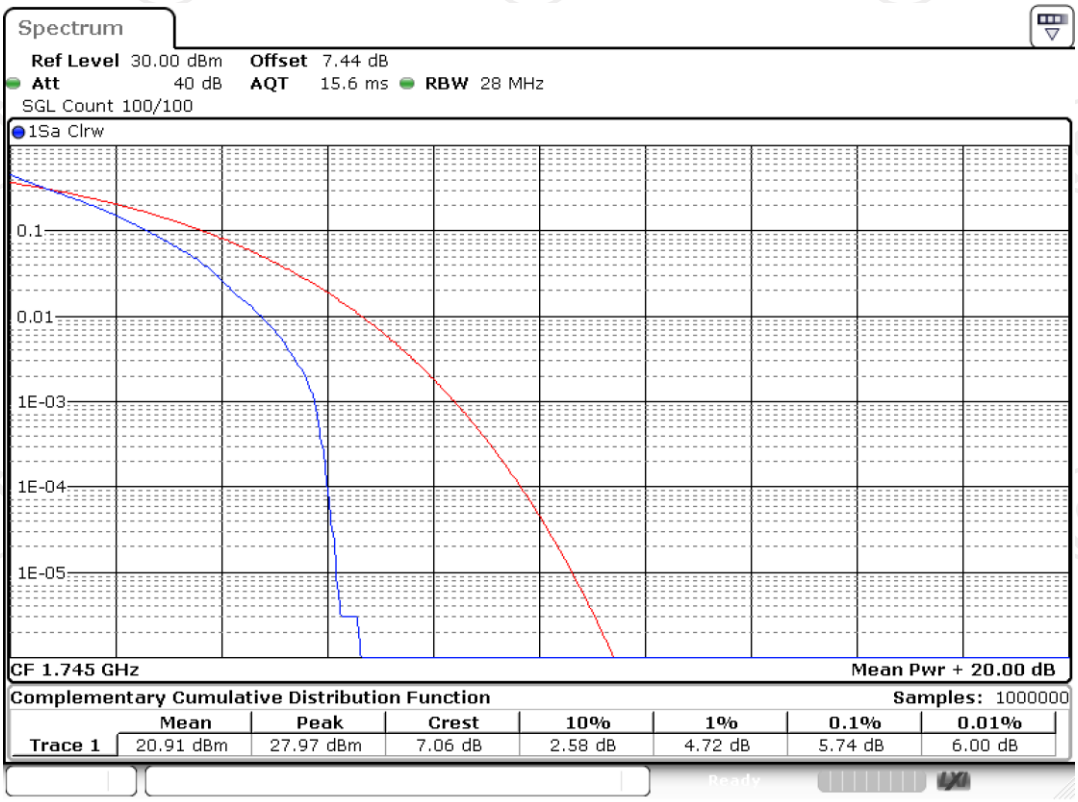
Date: 5.JUN.2023 18:50:58

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



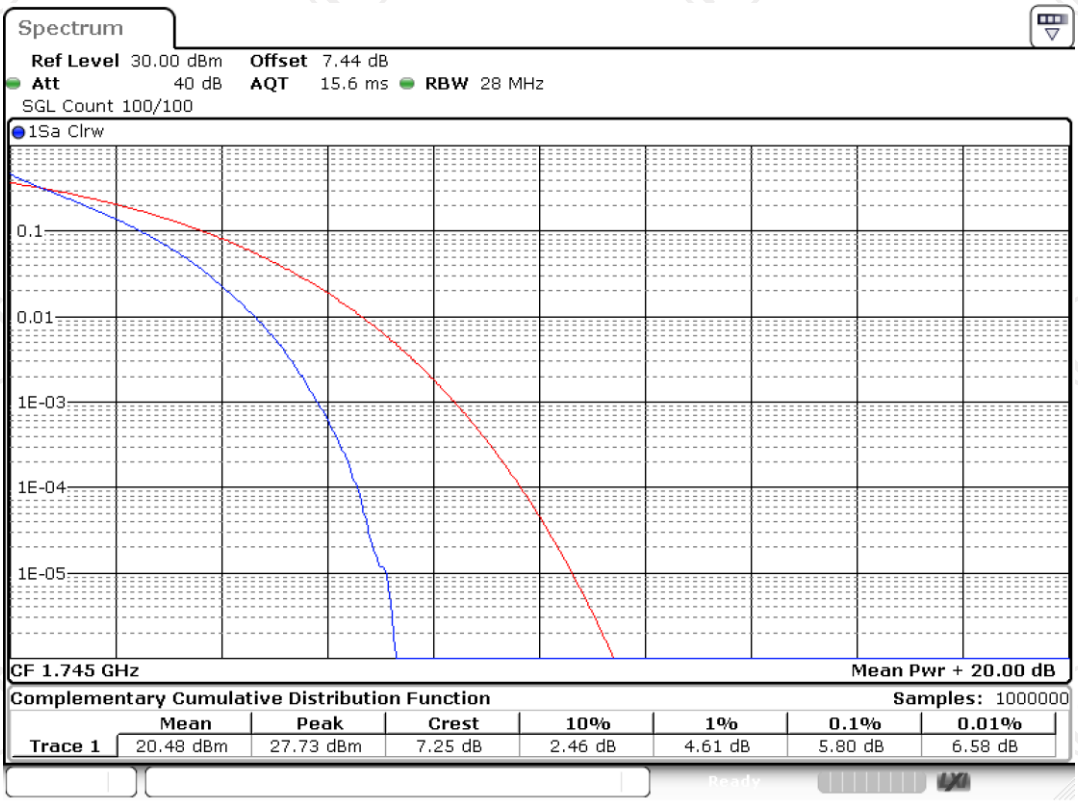
Date: 5.JUN.2023 18:51:04

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



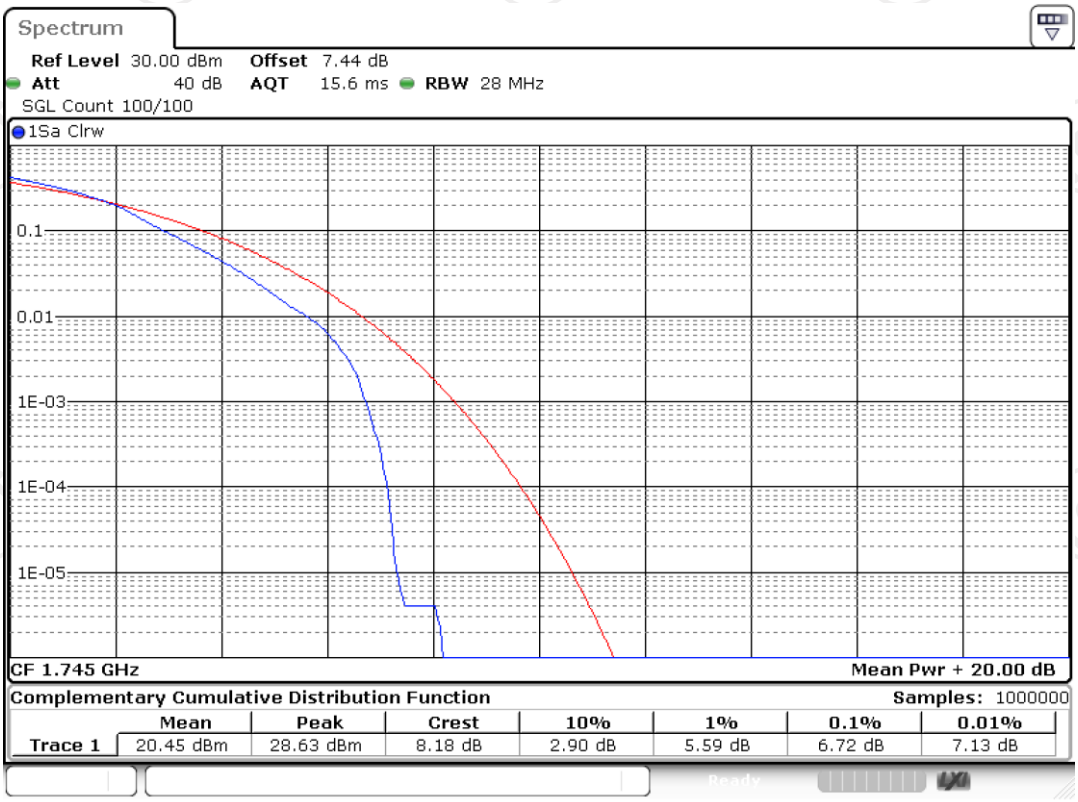
Date: 5.JUN.2023 18:51:12

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



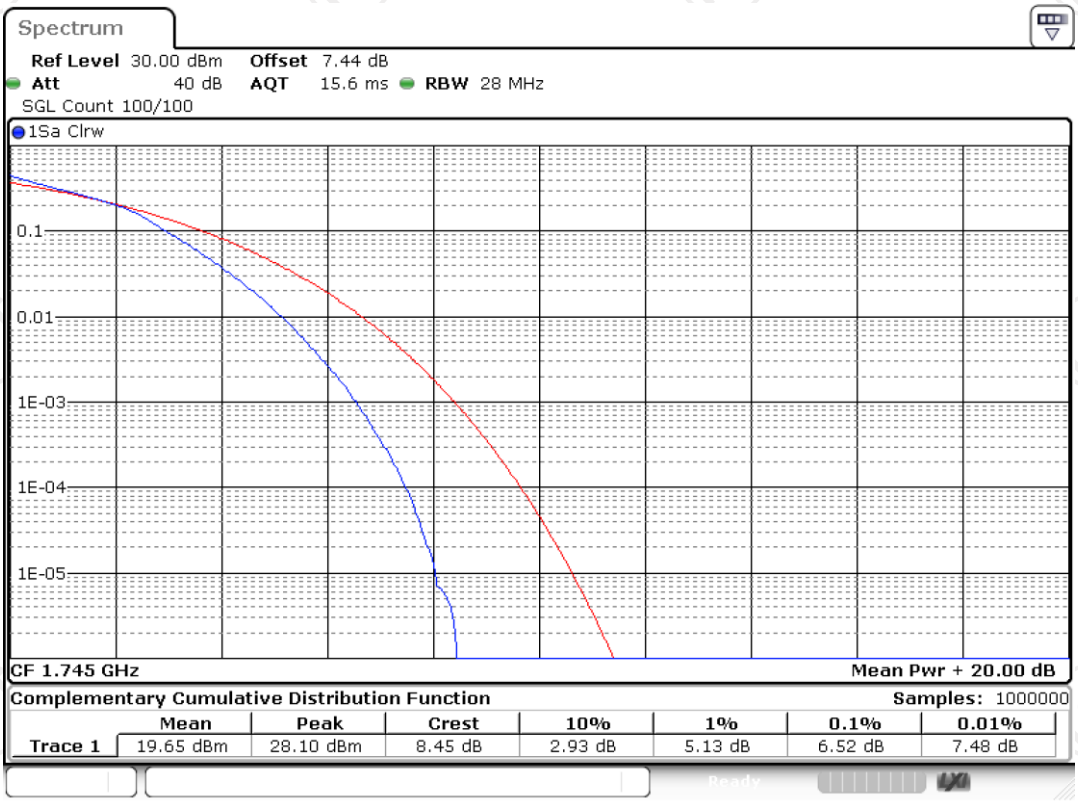
Date: 5.JUN.2023 18:51:18

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



Date: 5.JUN.2023 18:51:25

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

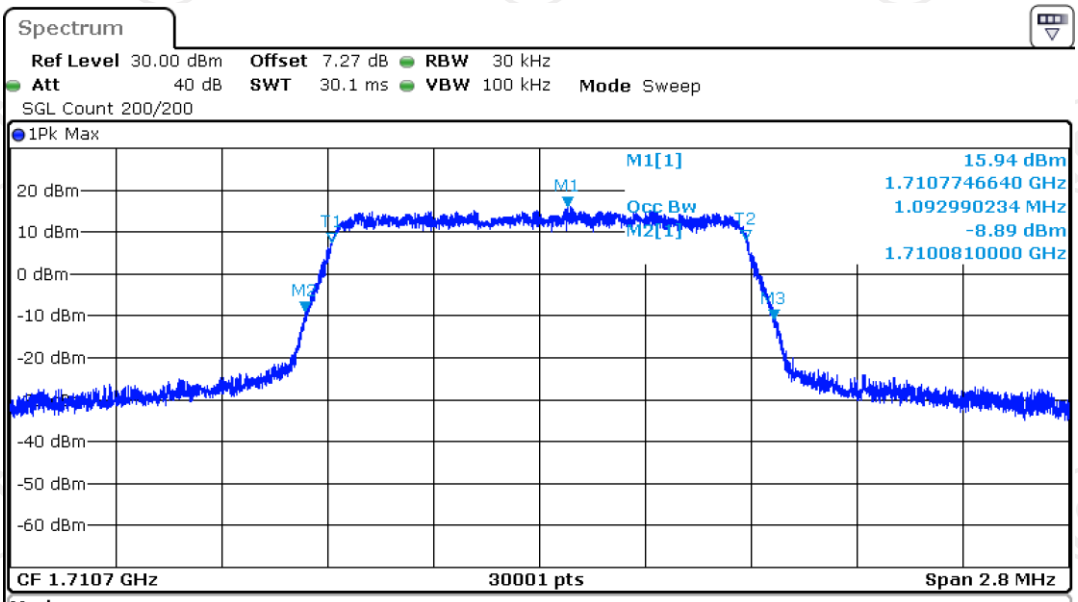


Date: 5.JUN.2023 18:51:32

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	1.093	1.240	PASS
Band4	1.4	19957	6	#0	16QAM	1.094	1.243	PASS
Band4	1.4	20175	6	#0	QPSK	1.093	1.246	PASS
Band4	1.4	20175	6	#0	16QAM	1.093	1.244	PASS
Band4	1.4	20393	6	#0	QPSK	1.093	1.238	PASS
Band4	1.4	20393	6	#0	16QAM	1.094	1.243	PASS
Band4	3	19965	15	#0	QPSK	2.736	3.104	PASS
Band4	3	19965	15	#0	16QAM	2.733	3.105	PASS
Band4	3	20175	15	#0	QPSK	2.738	3.096	PASS
Band4	3	20175	15	#0	16QAM	2.732	3.096	PASS
Band4	3	20385	15	#0	QPSK	2.739	3.097	PASS
Band4	3	20385	15	#0	16QAM	2.734	3.095	PASS
Band4	5	19975	25	#0	QPSK	4.490	4.965	PASS
Band4	5	19975	25	#0	16QAM	4.485	5.031	PASS
Band4	5	20175	25	#0	QPSK	4.489	4.959	PASS
Band4	5	20175	25	#0	16QAM	4.485	4.966	PASS
Band4	5	20375	25	#0	QPSK	4.488	4.959	PASS
Band4	5	20375	25	#0	16QAM	4.488	4.980	PASS
Band4	10	20000	50	#0	QPSK	8.984	9.889	PASS
Band4	10	20000	50	#0	16QAM	8.968	9.851	PASS
Band4	10	20175	50	#0	QPSK	8.978	9.883	PASS
Band4	10	20175	50	#0	16QAM	8.966	9.833	PASS
Band4	10	20350	50	#0	QPSK	8.992	9.857	PASS
Band4	10	20350	50	#0	16QAM	8.968	9.835	PASS
Band4	15	20025	75	#0	QPSK	13.472	14.947	PASS
Band4	15	20025	75	#0	16QAM	13.470	15.048	PASS
Band4	15	20175	75	#0	QPSK	13.475	14.966	PASS
Band4	15	20175	75	#0	16QAM	13.476	15.034	PASS
Band4	15	20325	75	#0	QPSK	13.465	14.955	PASS
Band4	15	20325	75	#0	16QAM	13.471	15.040	PASS
Band4	20	20050	100	#0	QPSK	18.011	20.008	PASS
Band4	20	20050	100	#0	16QAM	18.019	19.971	PASS
Band4	20	20175	100	#0	QPSK	18.006	20.000	PASS
Band4	20	20175	100	#0	16QAM	18.019	19.913	PASS
Band4	20	20300	100	#0	QPSK	18.034	20.009	PASS
Band4	20	20300	100	#0	16QAM	18.034	19.961	PASS

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

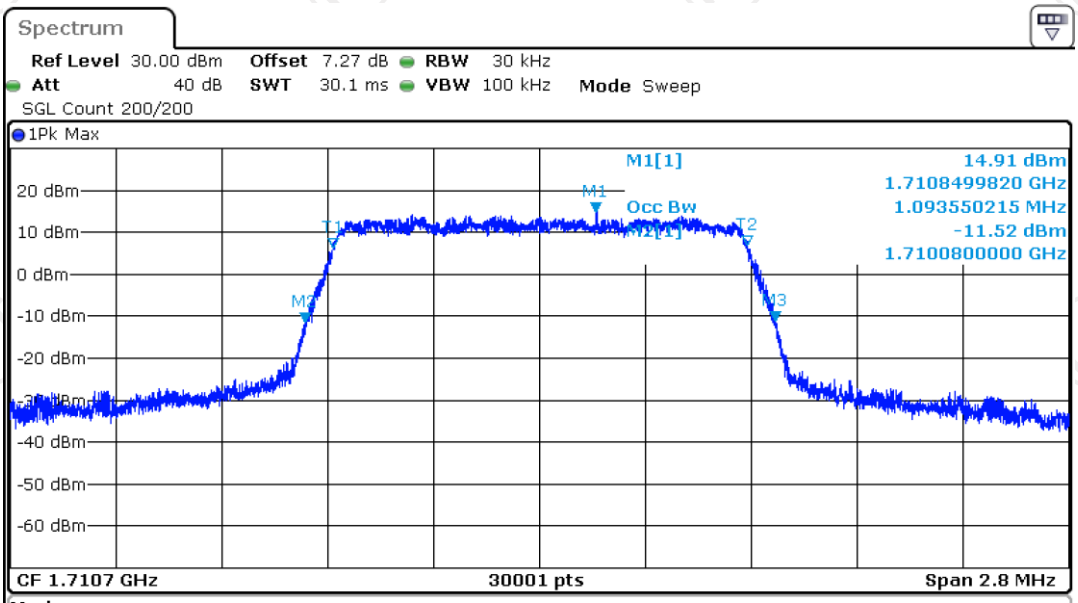


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710774664 GHz	15.94 dBm		
T1		1	1.710152338 GHz	7.61 dBm	Occ Bw	1.092990234 MHz
T2		1	1.711245328 GHz	8.09 dBm		
M2		1	1.710081 GHz	-8.89 dBm		
M3		1	1.711321 GHz	-10.68 dBm		

Date: 5.JUN.2023 18:51:53

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

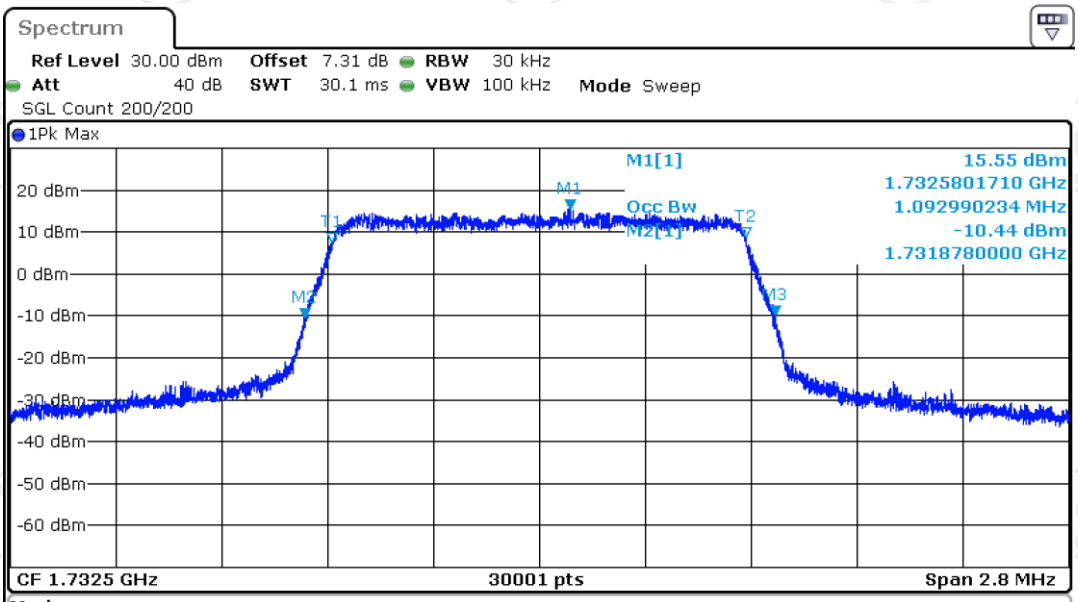


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710849982 GHz	14.91 dBm		
T1		1	1.710155605 GHz	6.29 dBm	Occ Bw	1.093550215 MHz
T2		1	1.711249155 GHz	6.93 dBm		
M2		1	1.71008 GHz	-11.52 dBm		
M3		1	1.711323 GHz	-11.09 dBm		

Date: 5.JUN.2023 18:52:11

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

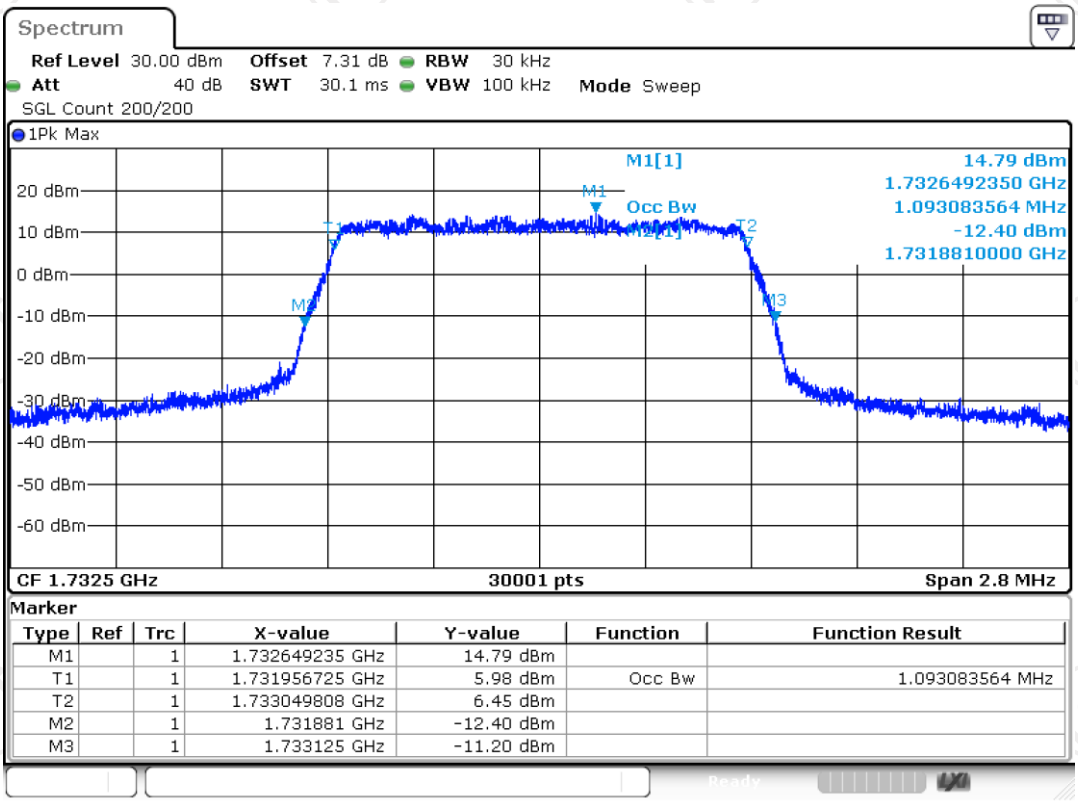


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.732580171 GHz	15.55 dBm		
T1		1	1.731952152 GHz	7.63 dBm	Occ Bw	1.092990234 MHz
T2		1	1.733045142 GHz	8.79 dBm		
M2		1	1.731878 GHz	-10.44 dBm		
M3		1	1.733124 GHz	-9.72 dBm		

Date: 5.JUN.2023 18:52:30

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

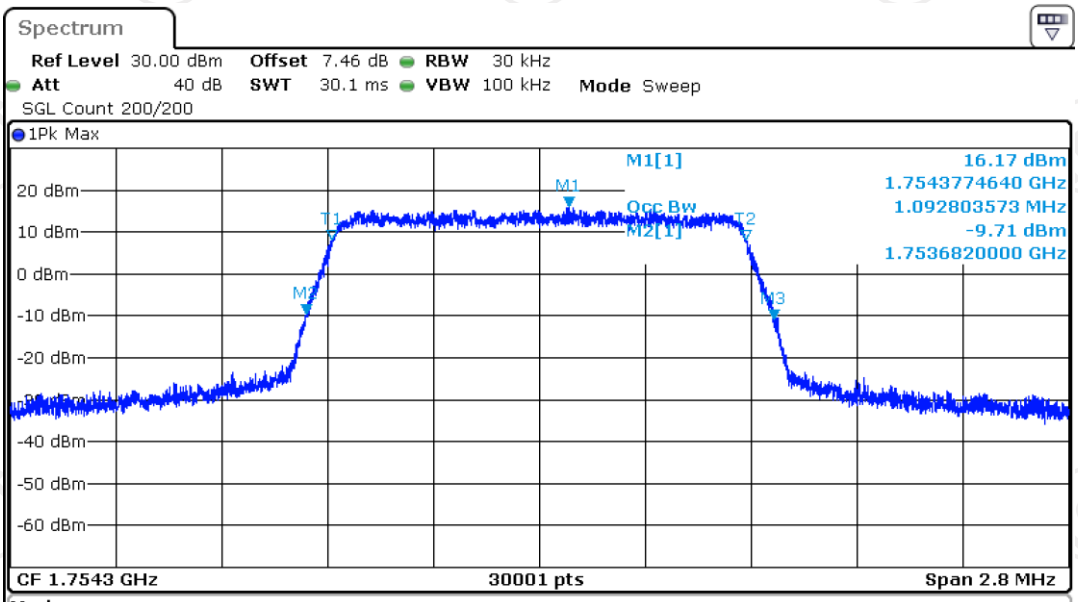


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.732649235 GHz	14.79 dBm		
T1		1	1.731956725 GHz	5.98 dBm	Occ Bw	1.093083564 MHz
T2		1	1.733049808 GHz	6.45 dBm		
M2		1	1.731881 GHz	-12.40 dBm		
M3		1	1.733125 GHz	-11.20 dBm		

Date: 5.JUN.2023 18:52:49

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

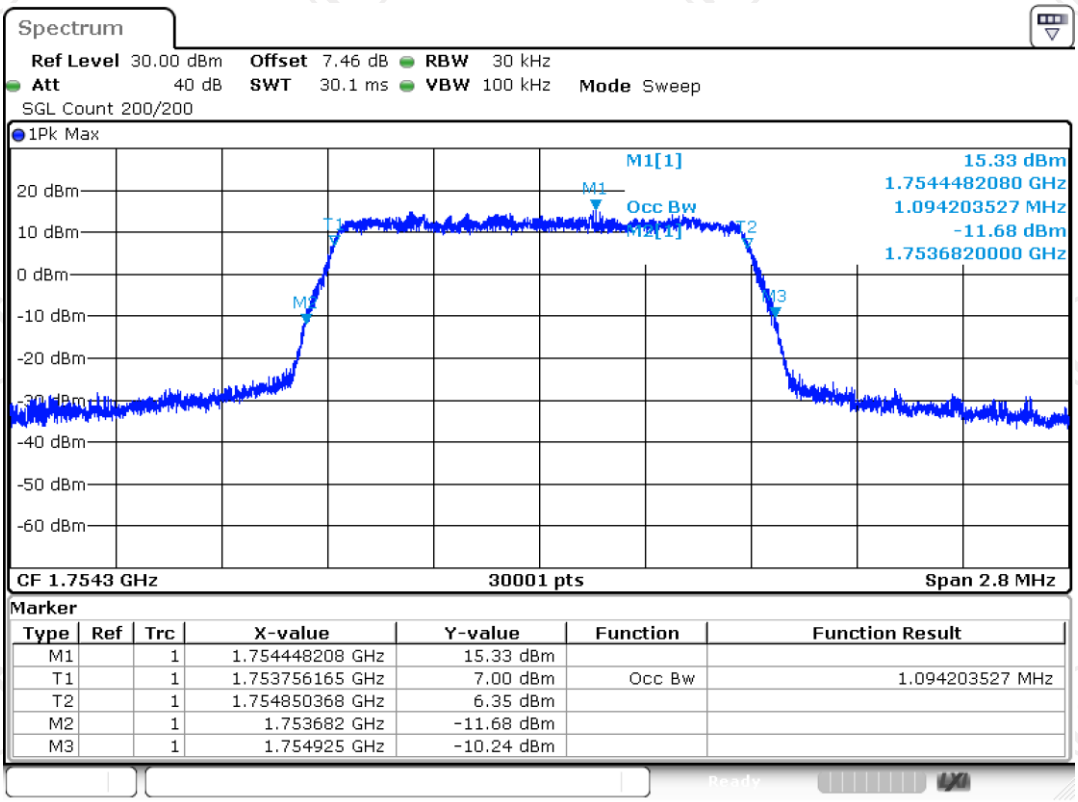


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.754377464 GHz	16.17 dBm		
T1		1	1.753752152 GHz	8.05 dBm	Occ Bw	1.092803573 MHz
T2		1	1.754844955 GHz	8.14 dBm		
M2		1	1.753682 GHz	-9.71 dBm		
M3		1	1.75492 GHz	-10.78 dBm		

Date: 5.JUN.2023 18:53:08

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

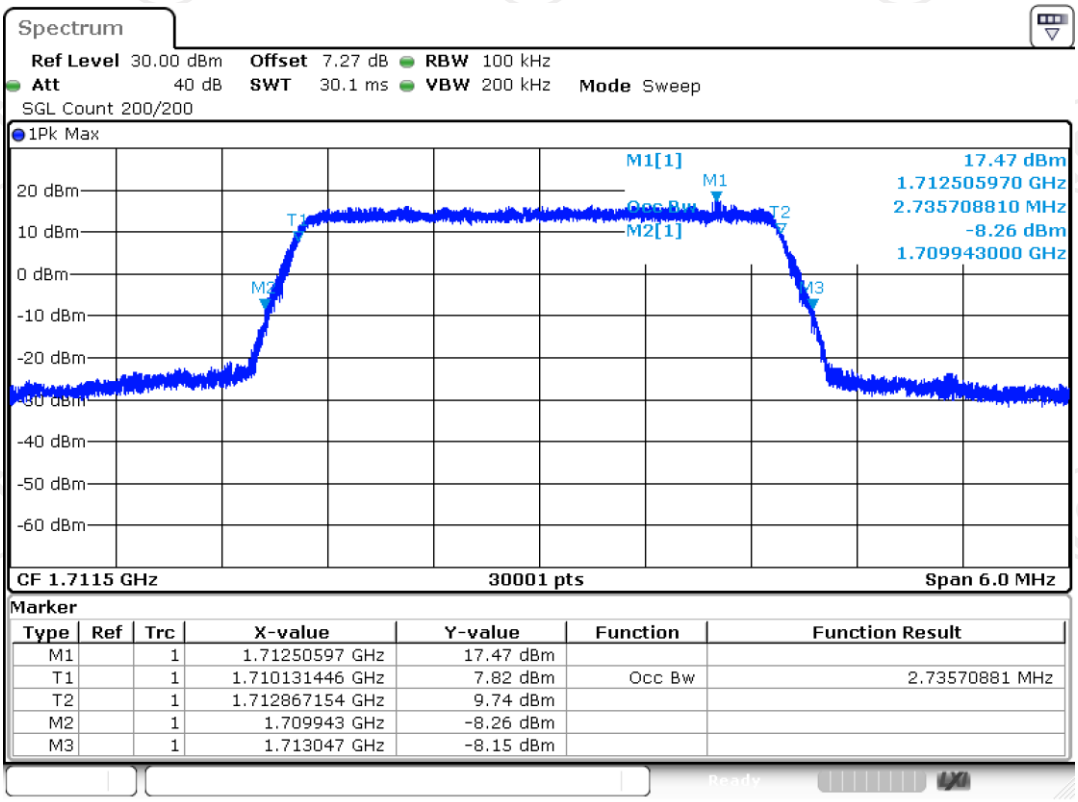


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.754448208 GHz	15.33 dBm		
T1		1	1.753756165 GHz	7.00 dBm	Occ Bw	1.094203527 MHz
T2		1	1.754850368 GHz	6.35 dBm		
M2		1	1.753682 GHz	-11.68 dBm		
M3		1	1.754925 GHz	-10.24 dBm		

Date: 5.JUN.2023 18:53:26

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

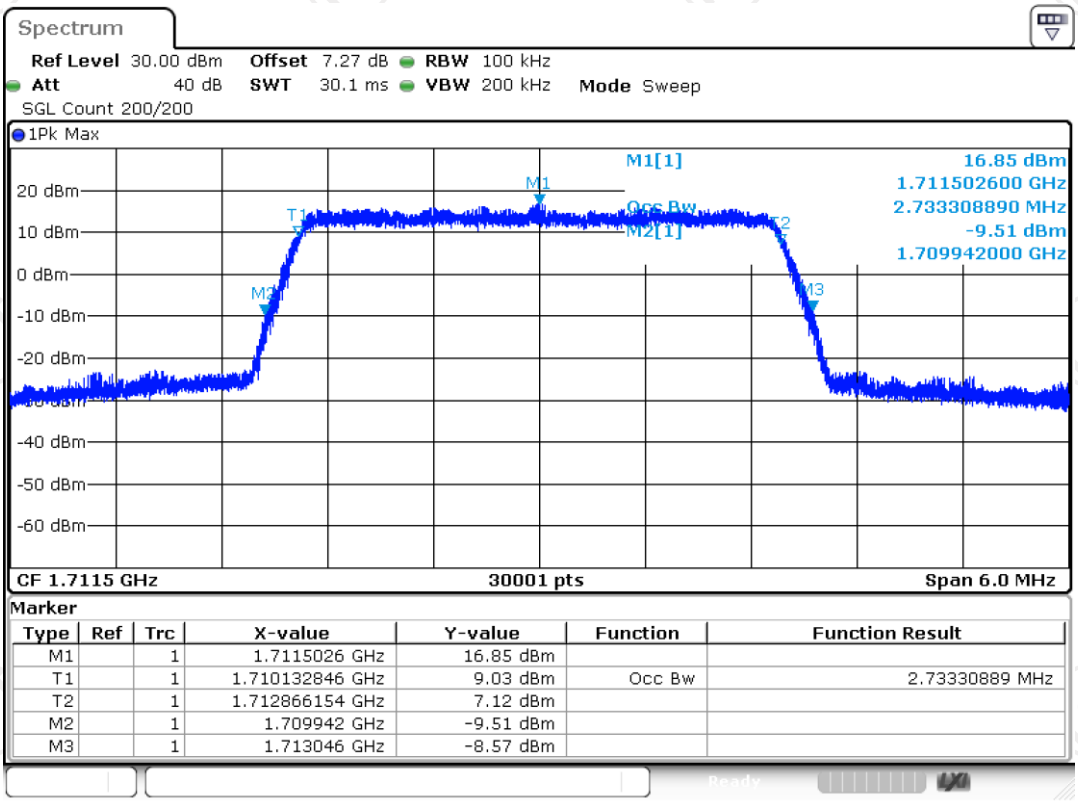


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71250597 GHz	17.47 dBm		
T1		1	1.710131446 GHz	7.82 dBm	Occ Bw	2.73570881 MHz
T2		1	1.712867154 GHz	9.74 dBm		
M2		1	1.709943 GHz	-8.26 dBm		
M3		1	1.713047 GHz	-8.15 dBm		

Date: 5.JUN.2023 18:53:44

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

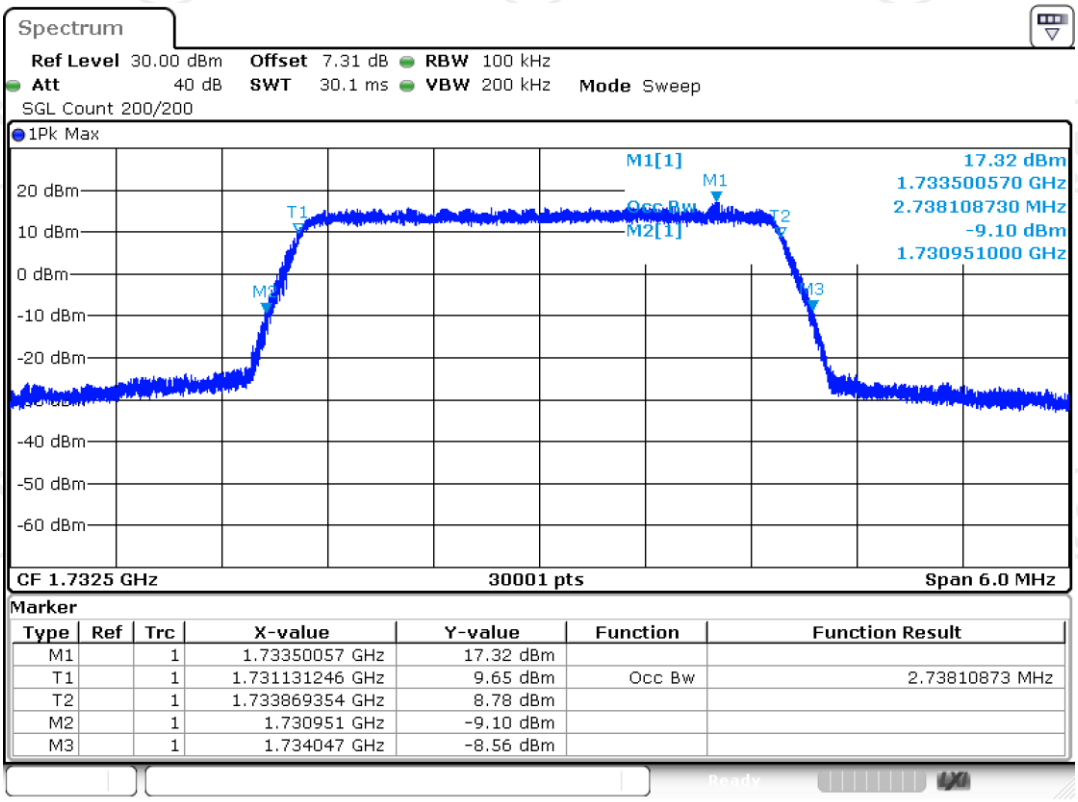


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7115026 GHz	16.85 dBm		
T1		1	1.710132846 GHz	9.03 dBm	Occ Bw	2.73330889 MHz
T2		1	1.712866154 GHz	7.12 dBm		
M2		1	1.709942 GHz	-9.51 dBm		
M3		1	1.713046 GHz	-8.57 dBm		

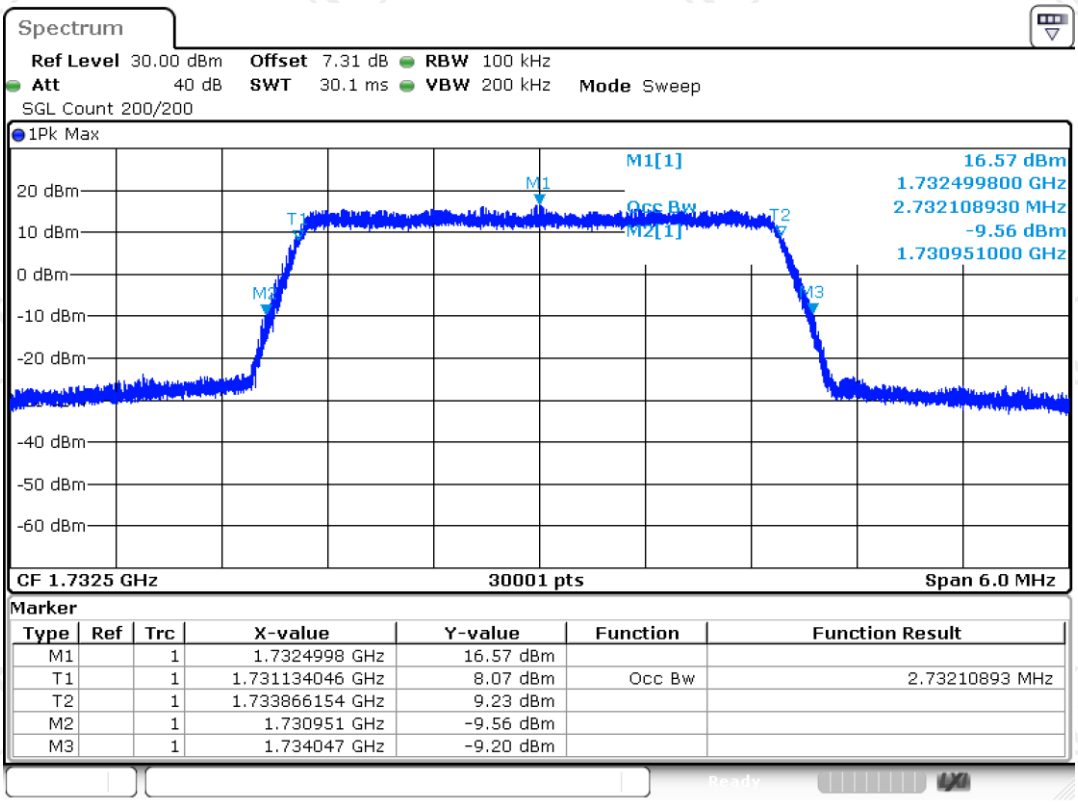
Date: 5.JUN.2023 18:54:01

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



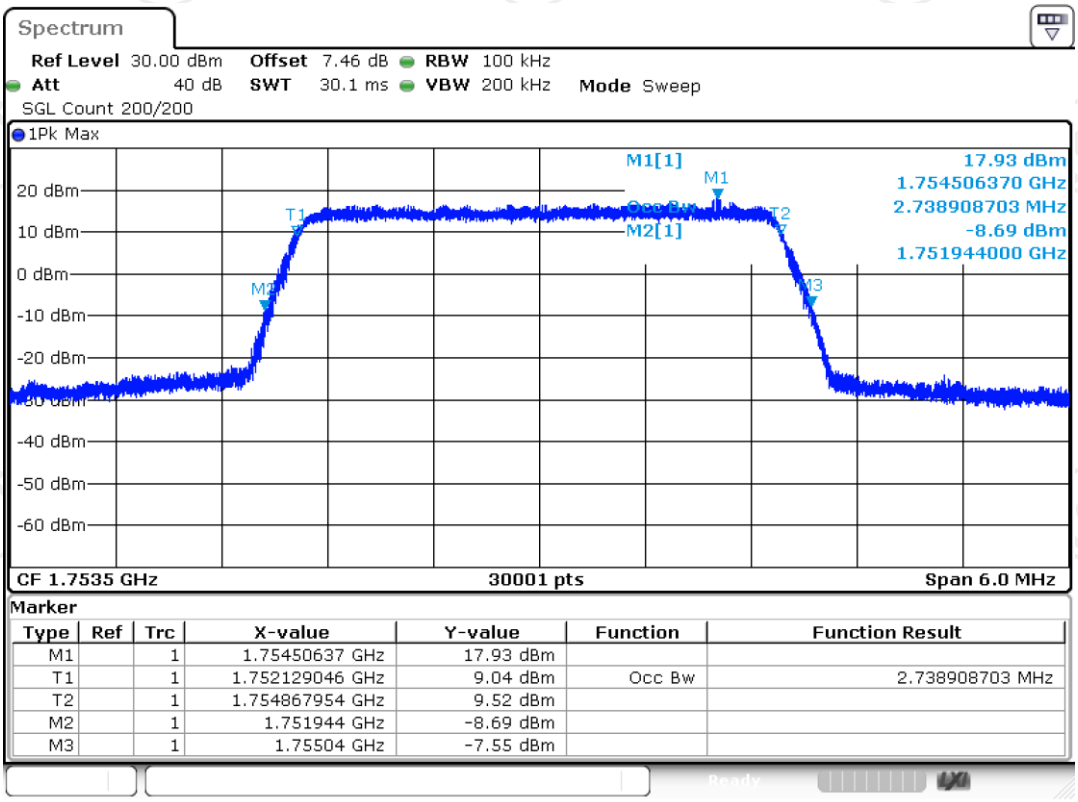
Date: 5.JUN.2023 18:54:19

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



Date: 5.JUN.2023 18:54:37

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

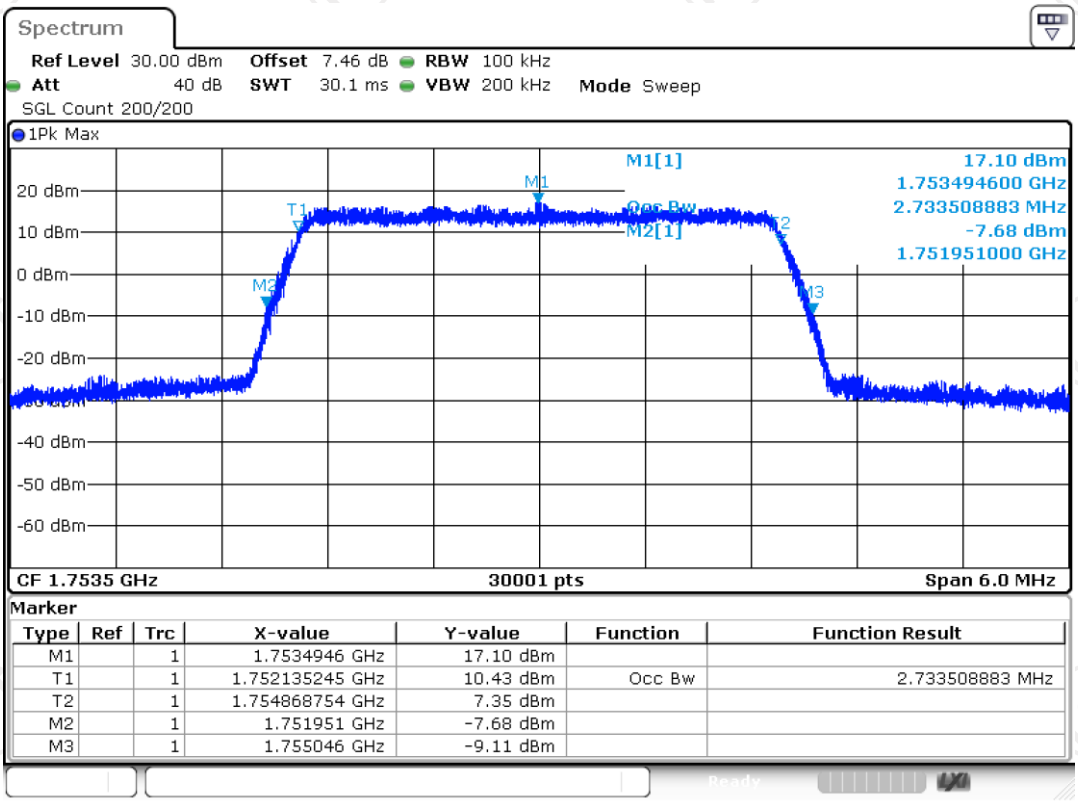


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75450637 GHz	17.93 dBm		
T1		1	1.752129046 GHz	9.04 dBm	Occ Bw	2.738908703 MHz
T2		1	1.754867954 GHz	9.52 dBm		
M2		1	1.751944 GHz	-8.69 dBm		
M3		1	1.75504 GHz	-7.55 dBm		

Date: 5.JUN.2023 18:54:55

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

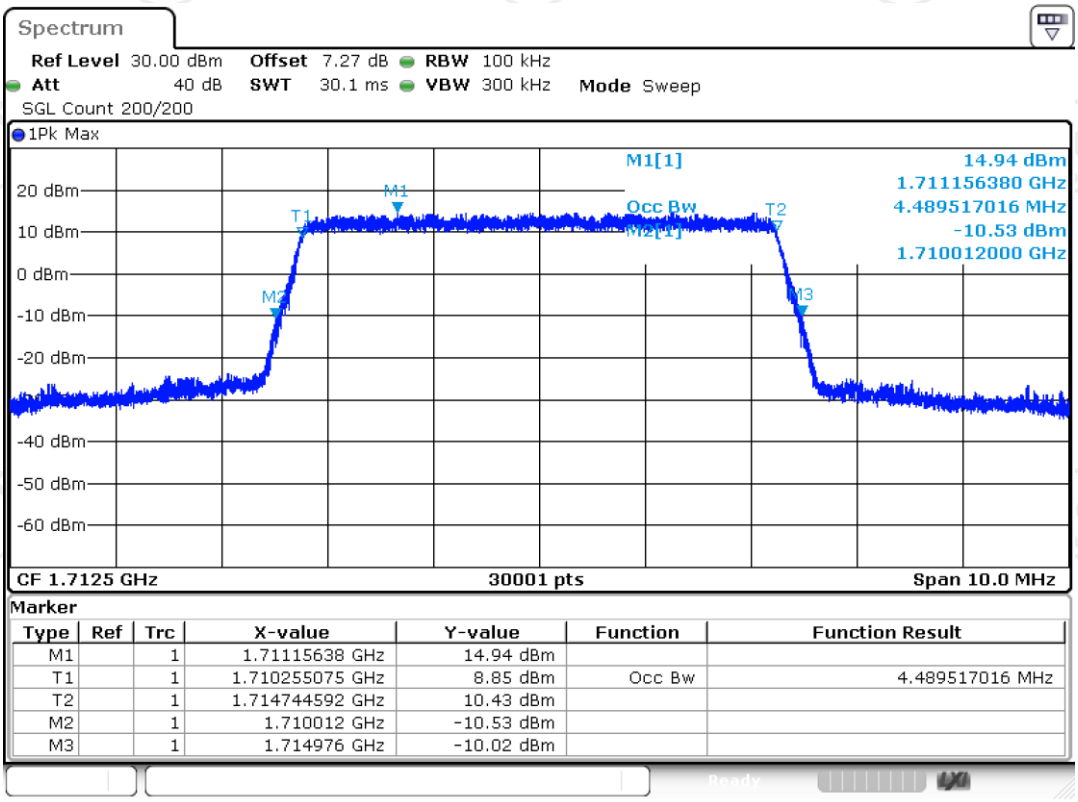


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7534946 GHz	17.10 dBm		
T1		1	1.752135245 GHz	10.43 dBm	Occ Bw	2.733508883 MHz
T2		1	1.754868754 GHz	7.35 dBm		
M2		1	1.751951 GHz	-7.68 dBm		
M3		1	1.755046 GHz	-9.11 dBm		

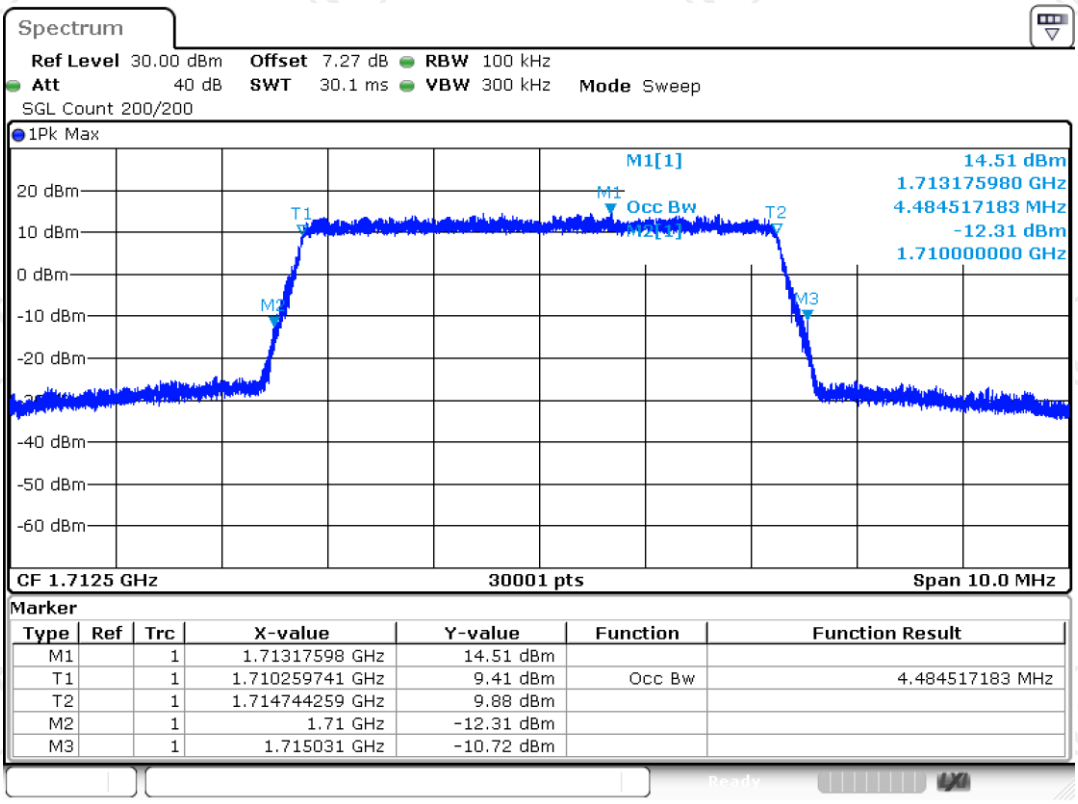
Date: 5.JUN.2023 18:55:12

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



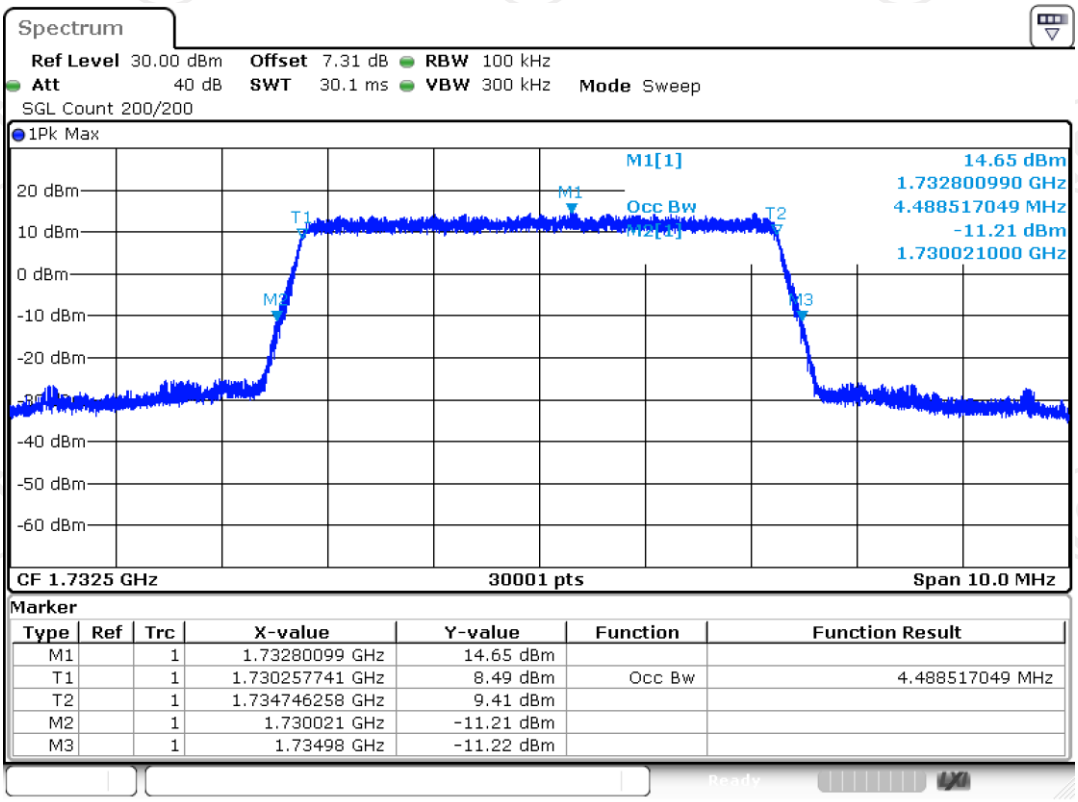
Date: 5.JUN.2023 18:55:30

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



Date: 5.JUN.2023 18:55:48

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

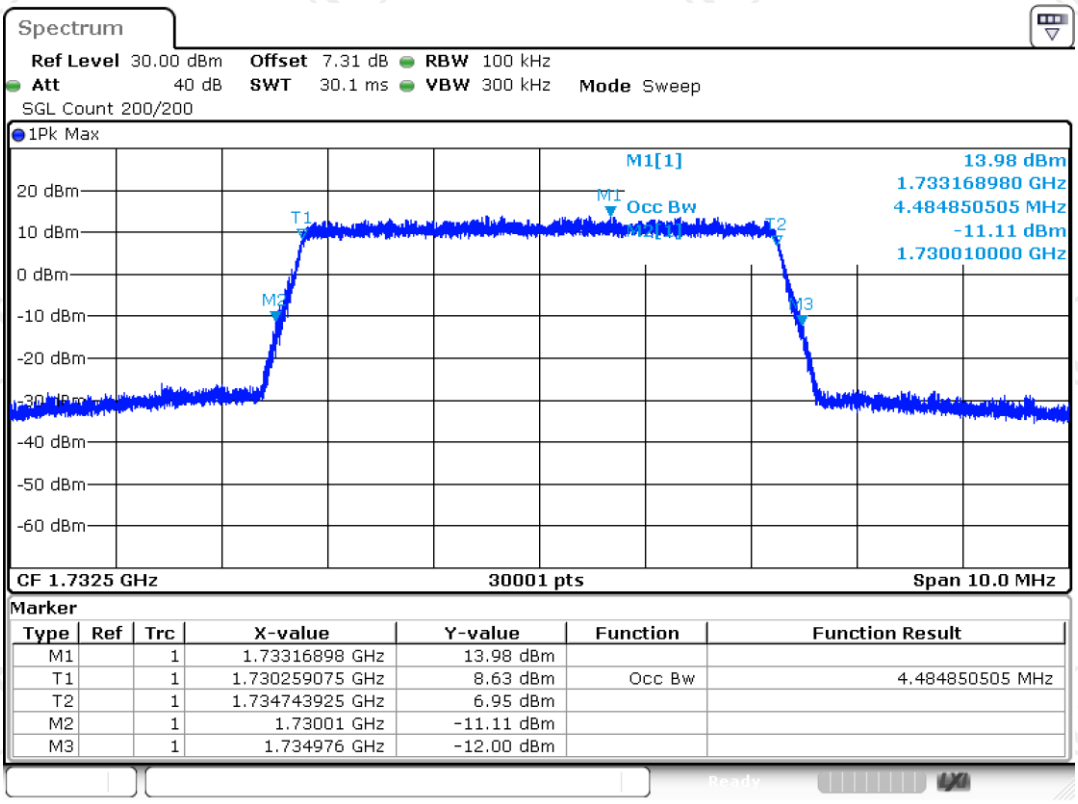


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73280099 GHz	14.65 dBm		
T1		1	1.730257741 GHz	8.49 dBm	Occ Bw	4.488517049 MHz
T2		1	1.734746258 GHz	9.41 dBm		
M2		1	1.730021 GHz	-11.21 dBm		
M3		1	1.73498 GHz	-11.22 dBm		

Date: 5.JUN.2023 18:56:06

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

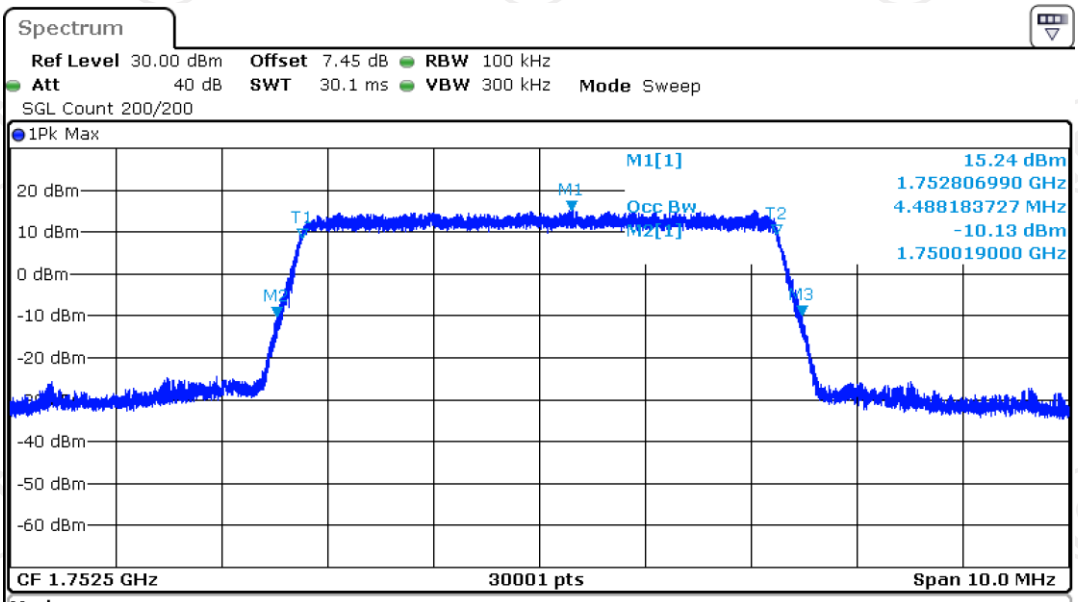


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73316898 GHz	13.98 dBm		
T1		1	1.730259075 GHz	8.63 dBm	Occ Bw	4.484850505 MHz
T2		1	1.734743925 GHz	6.95 dBm		
M2		1	1.73001 GHz	-11.11 dBm		
M3		1	1.734976 GHz	-12.00 dBm		

Date: 5.JUN.2023 18:56:23

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

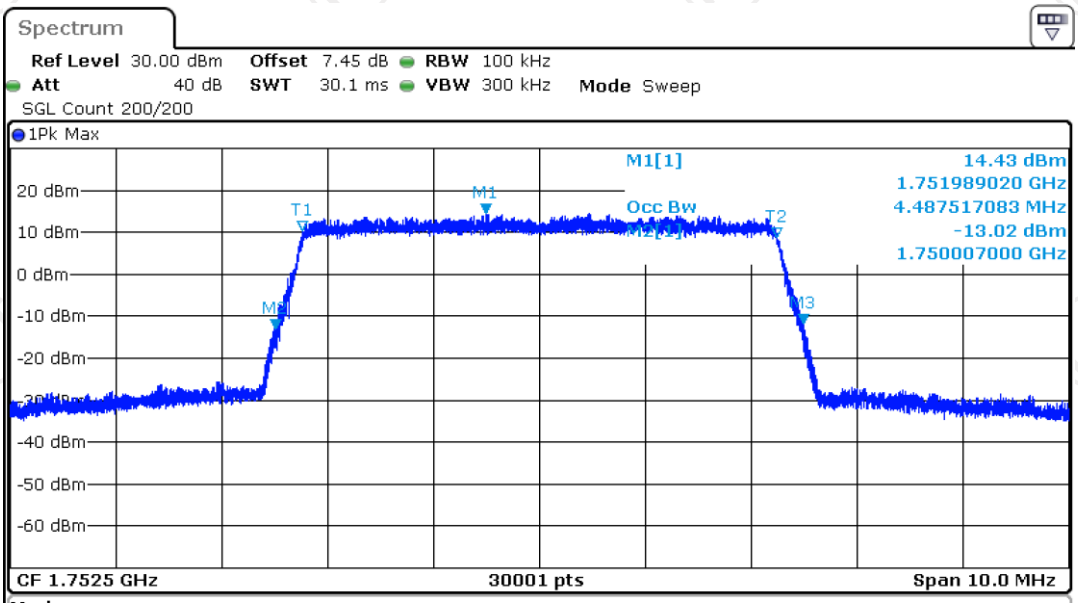


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75280699 GHz	15.24 dBm		
T1		1	1.750255741 GHz	8.57 dBm	Occ Bw	4.488183727 MHz
T2		1	1.754743925 GHz	9.55 dBm		
M2		1	1.750019 GHz	-10.13 dBm		
M3		1	1.754977 GHz	-9.93 dBm		

Date: 5.JUN.2023 18:56:41

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

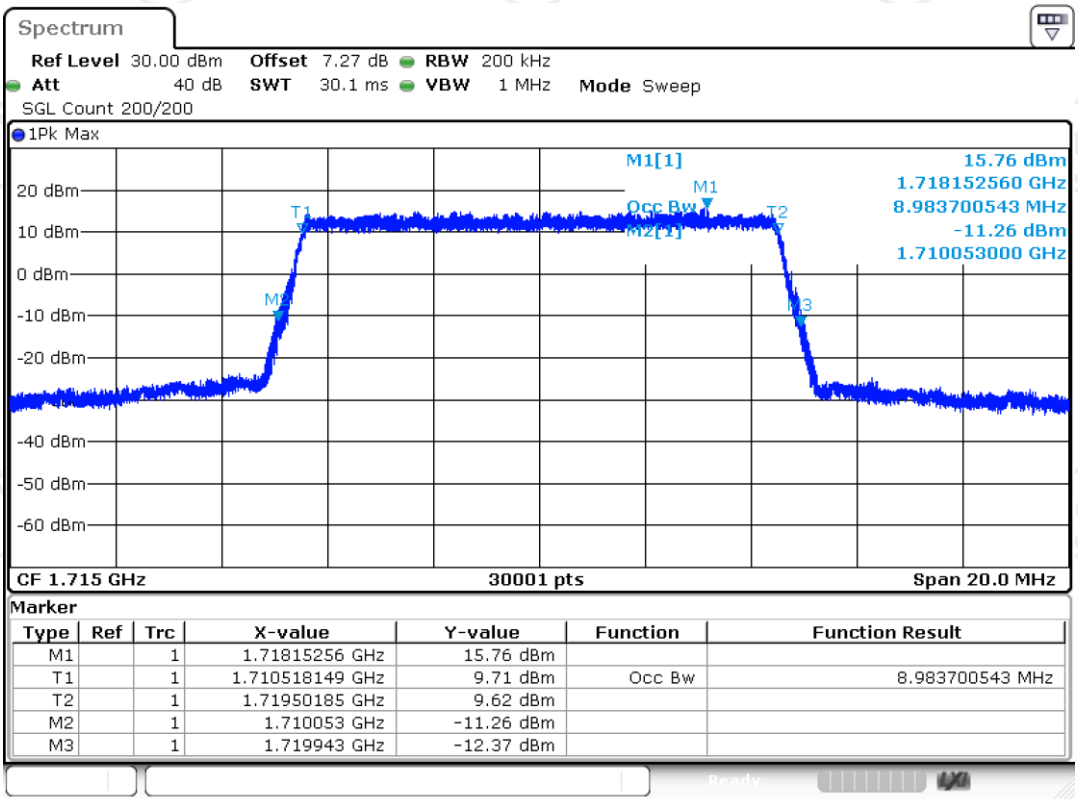


Marker

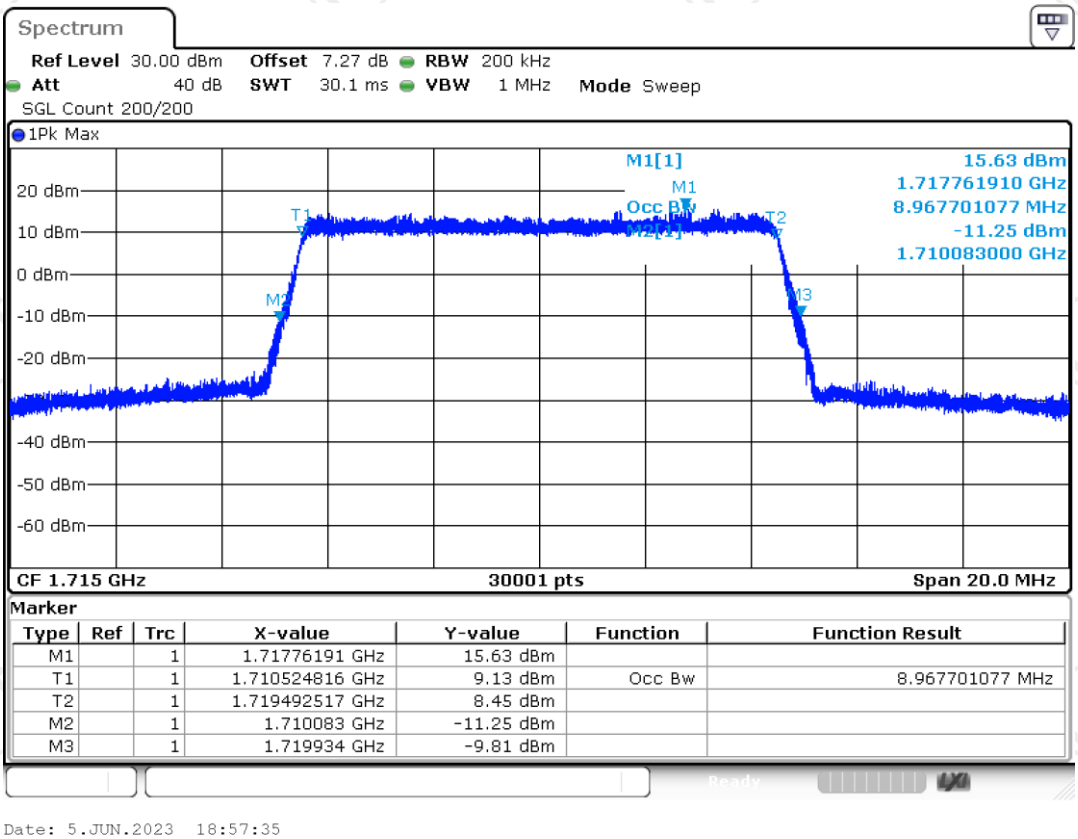
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75198902 GHz	14.43 dBm		
T1		1	1.750256408 GHz	10.26 dBm	Occ Bw	4.487517083 MHz
T2		1	1.754743925 GHz	8.65 dBm		
M2		1	1.750007 GHz	-13.02 dBm		
M3		1	1.754988 GHz	-11.79 dBm		

Date: 5.JUN.2023 18:56:58

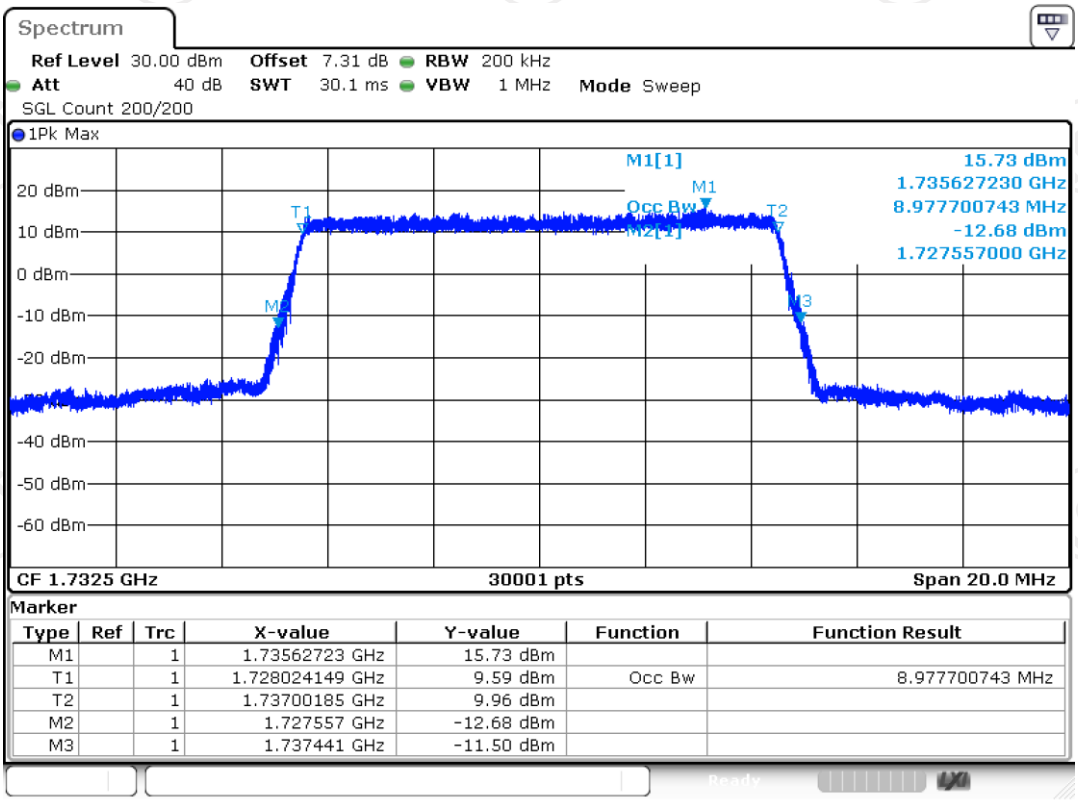
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



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



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



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73562723 GHz	15.73 dBm		
T1		1	1.728024149 GHz	9.59 dBm	Occ Bw	8.977700743 MHz
T2		1	1.73700185 GHz	9.96 dBm		
M2		1	1.727557 GHz	-12.68 dBm		
M3		1	1.737441 GHz	-11.50 dBm		

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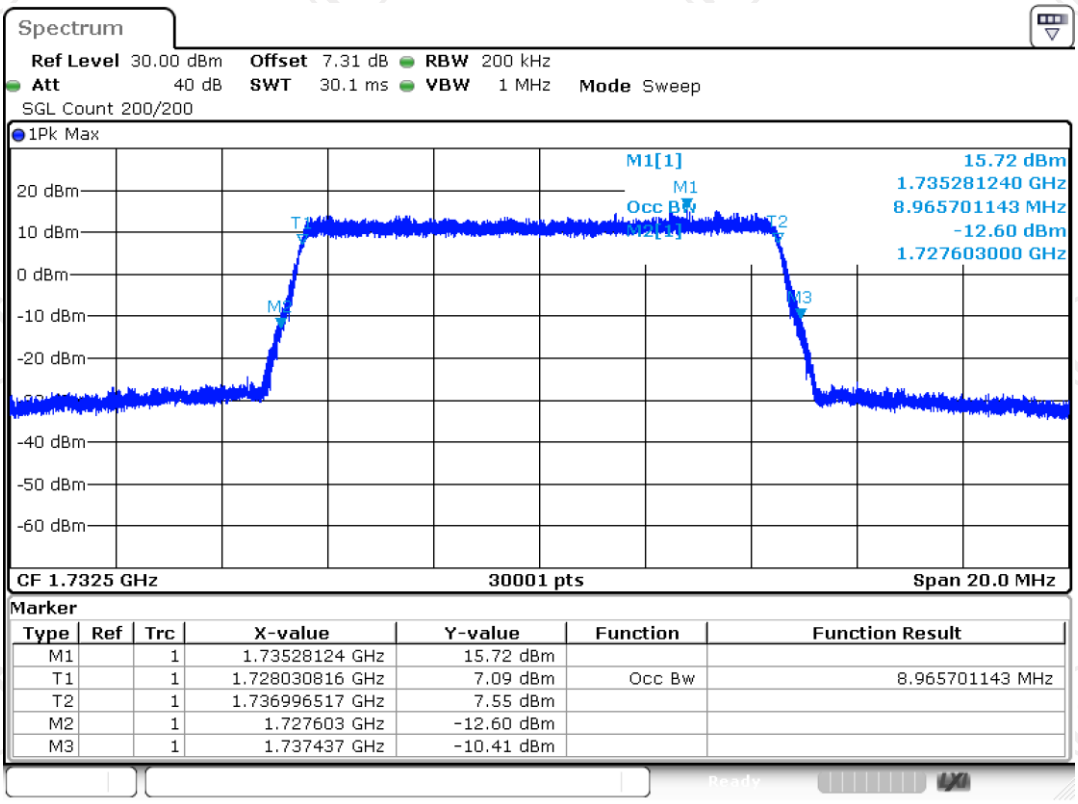
Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0

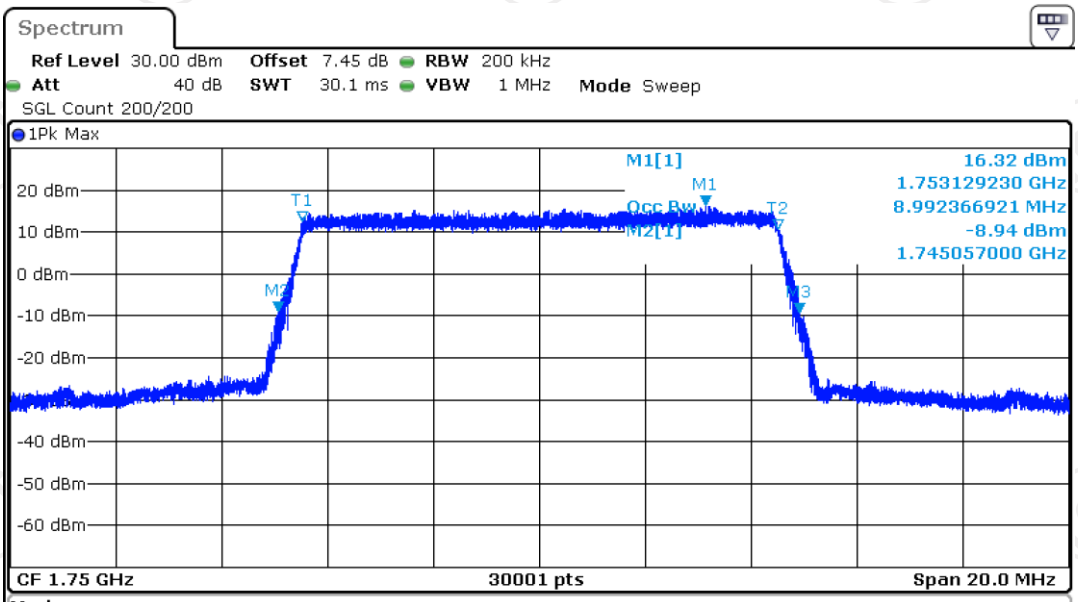


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73528124 GHz	15.72 dBm		
T1		1	1.728030816 GHz	7.09 dBm	Occ Bw	8.965701143 MHz
T2		1	1.736996517 GHz	7.55 dBm		
M2		1	1.727603 GHz	-12.60 dBm		
M3		1	1.737437 GHz	-10.41 dBm		

Date: 5.JUN.2023 18:58:15

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

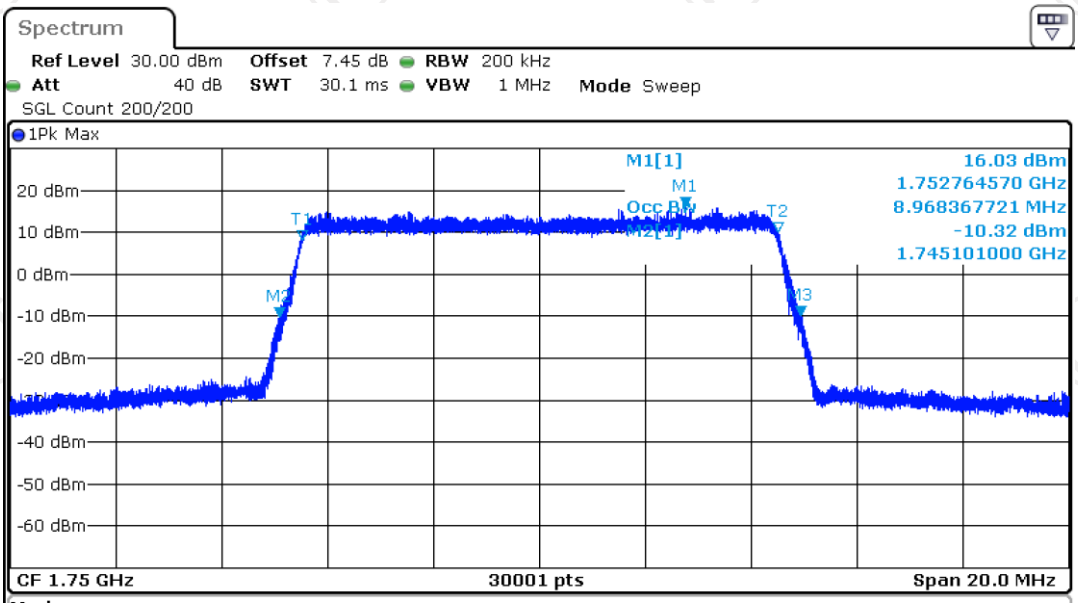


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75312923 GHz	16.32 dBm		
T1		1	1.745514816 GHz	12.51 dBm	Occ Bw	8.992366921 MHz
T2		1	1.754507183 GHz	10.61 dBm		
M2		1	1.745057 GHz	-8.94 dBm		
M3		1	1.754913 GHz	-9.35 dBm		

Date: 5.JUN.2023 18:58:33

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

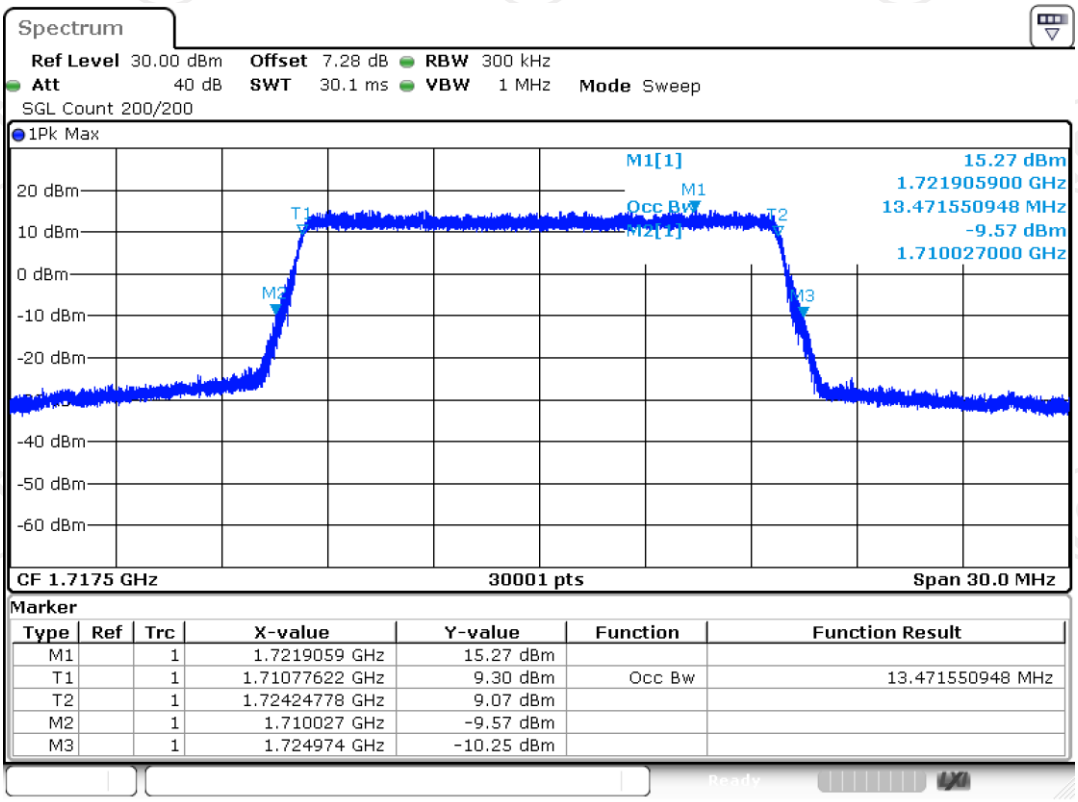


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75276457 GHz	16.03 dBm		
T1		1	1.745526816 GHz	8.23 dBm	Occ Bw	8.968367721 MHz
T2		1	1.754495183 GHz	10.06 dBm		
M2		1	1.745101 GHz	-10.32 dBm		
M3		1	1.754936 GHz	-9.79 dBm		

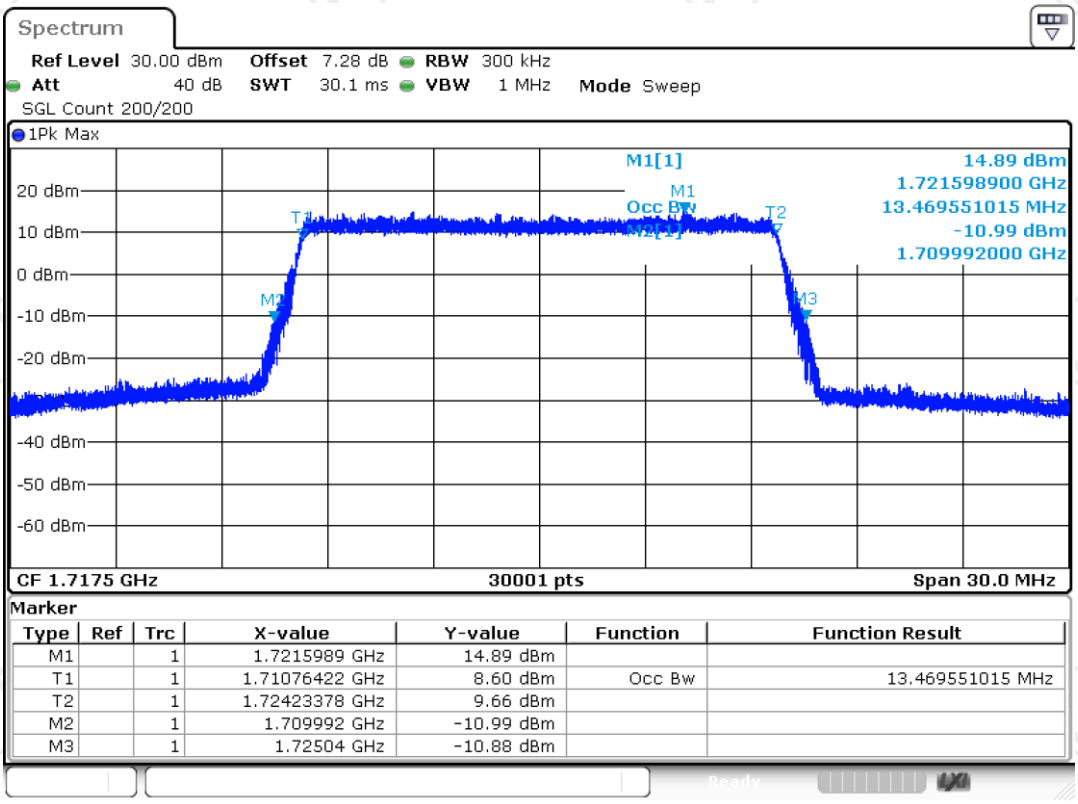
Date: 5.JUN.2023 18:58:51

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



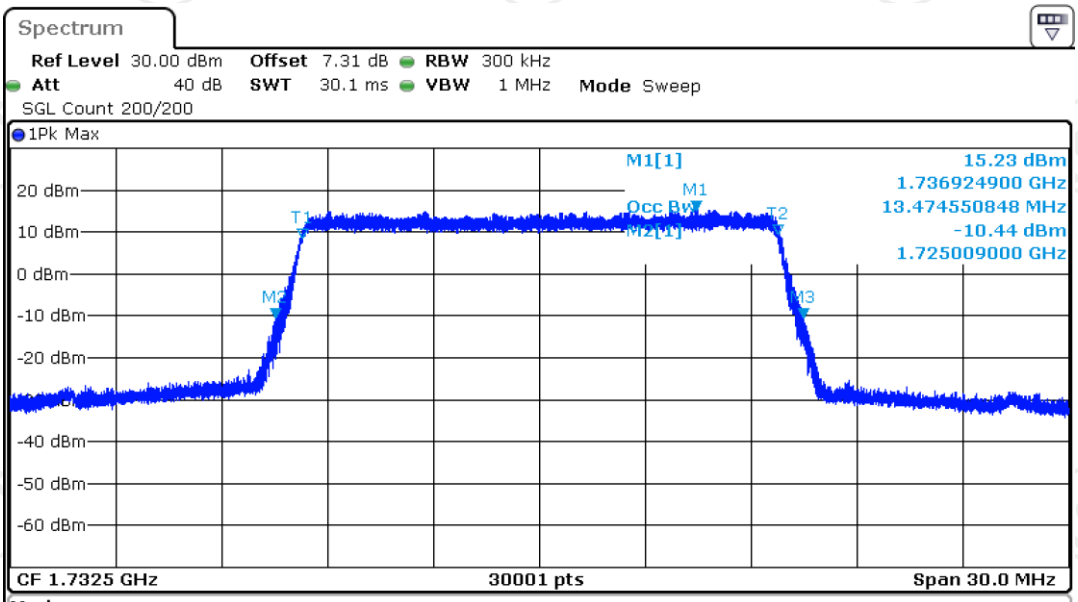
Date: 5.JUN.2023 18:59:09

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



Date: 5.JUN.2023 18:59:25

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

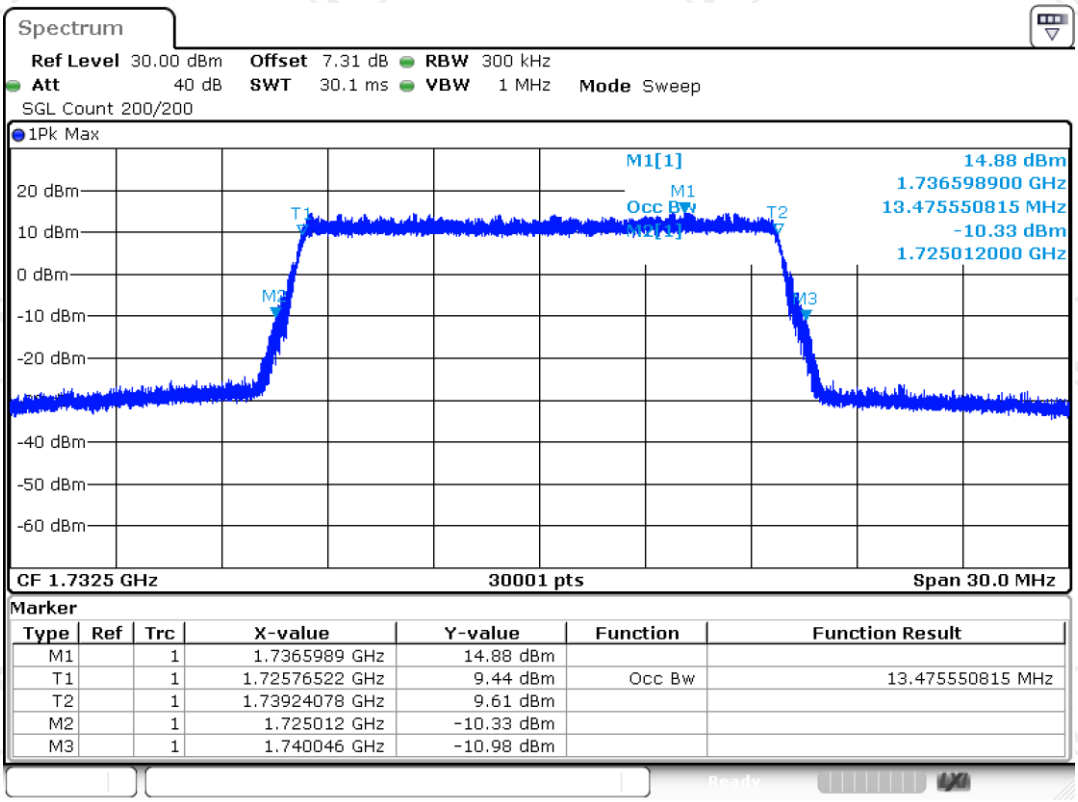


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7369249 GHz	15.23 dBm		
T1		1	1.72578022 GHz	8.63 dBm	Occ Bw	13.474550848 MHz
T2		1	1.73925477 GHz	9.34 dBm		
M2		1	1.725009 GHz	-10.44 dBm		
M3		1	1.739975 GHz	-10.62 dBm		

Date: 5.JUN.2023 18:59:42

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

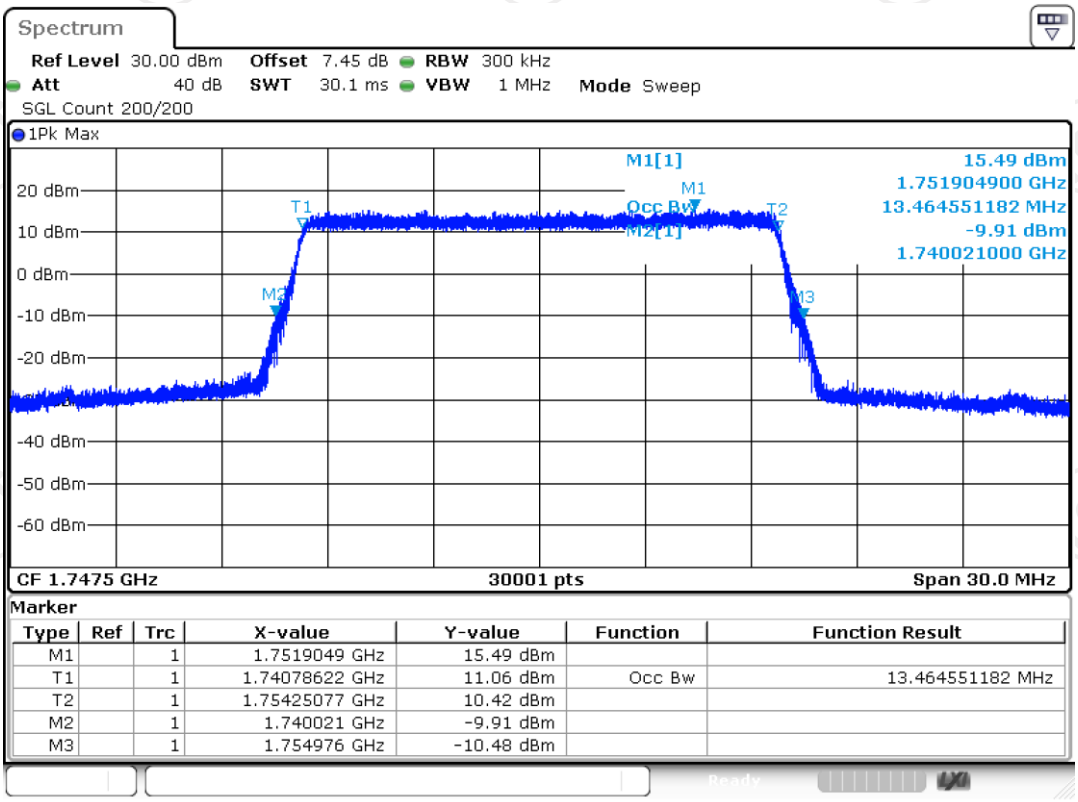


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7365989 GHz	14.88 dBm		
T1		1	1.72576522 GHz	9.44 dBm	Occ Bw	13.475550815 MHz
T2		1	1.73924078 GHz	9.61 dBm		
M2		1	1.725012 GHz	-10.33 dBm		
M3		1	1.740046 GHz	-10.98 dBm		

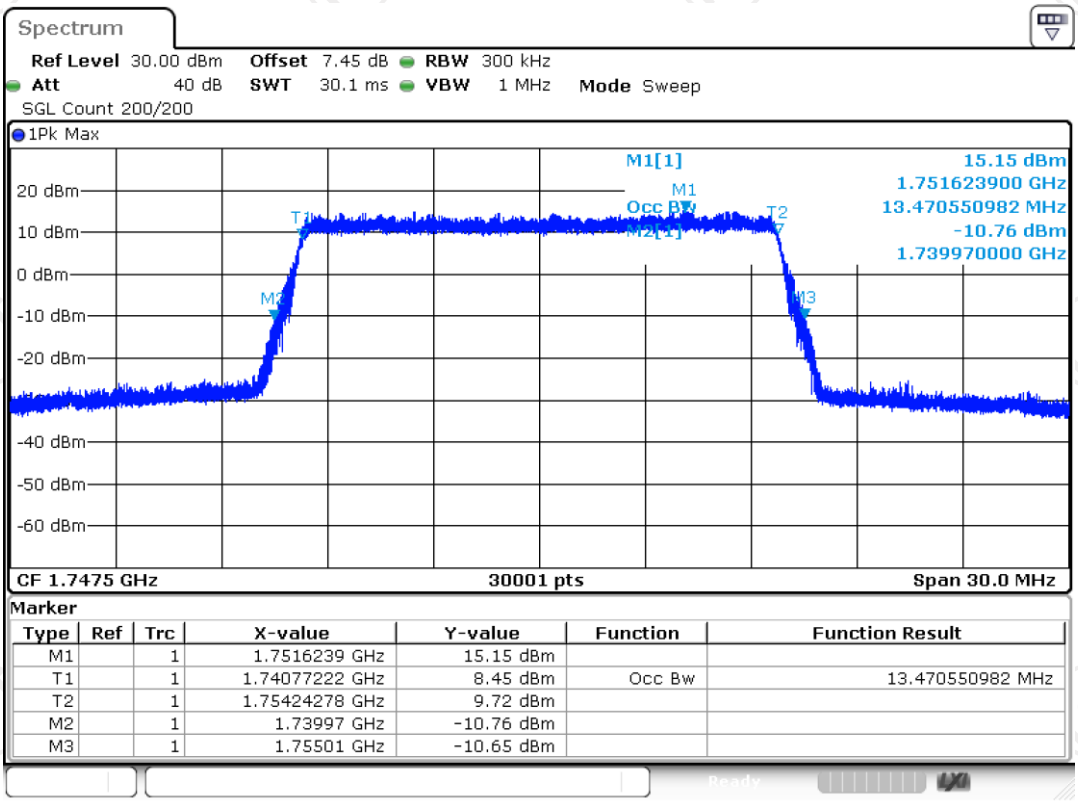
Date: 5.JUN.2023 18:59:59

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



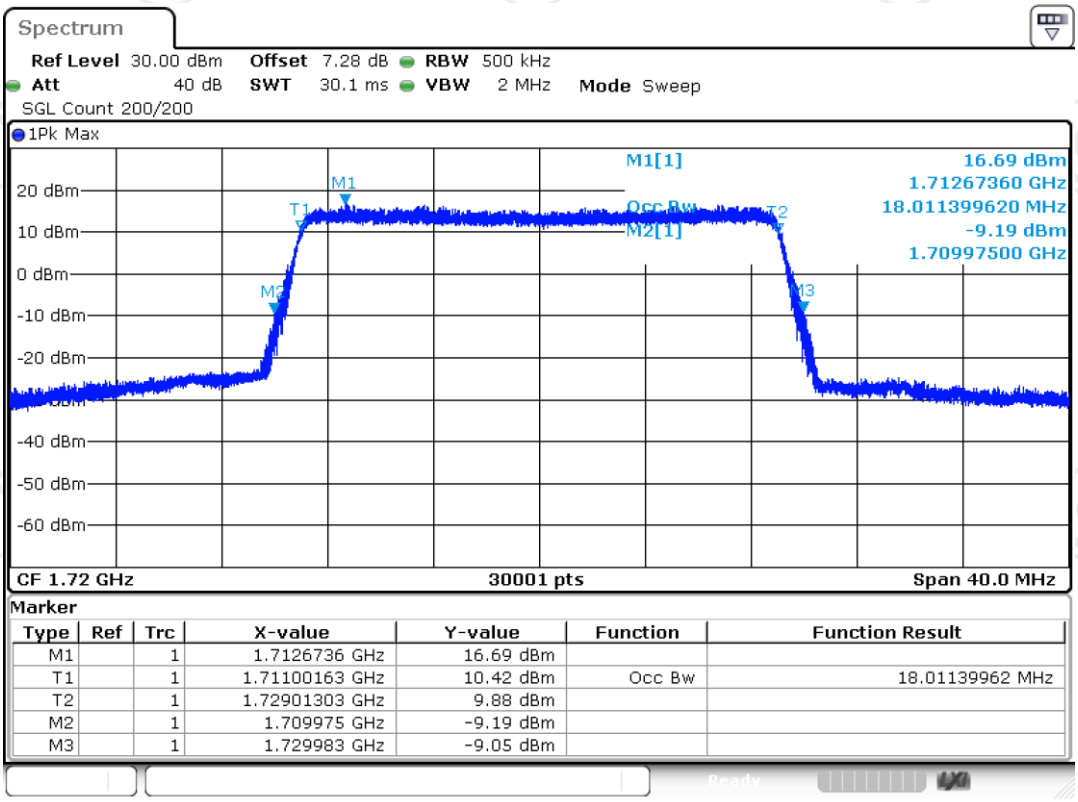
Date: 5.JUN.2023 19:00:16

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



Date: 5.JUN.2023 19:00:32

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

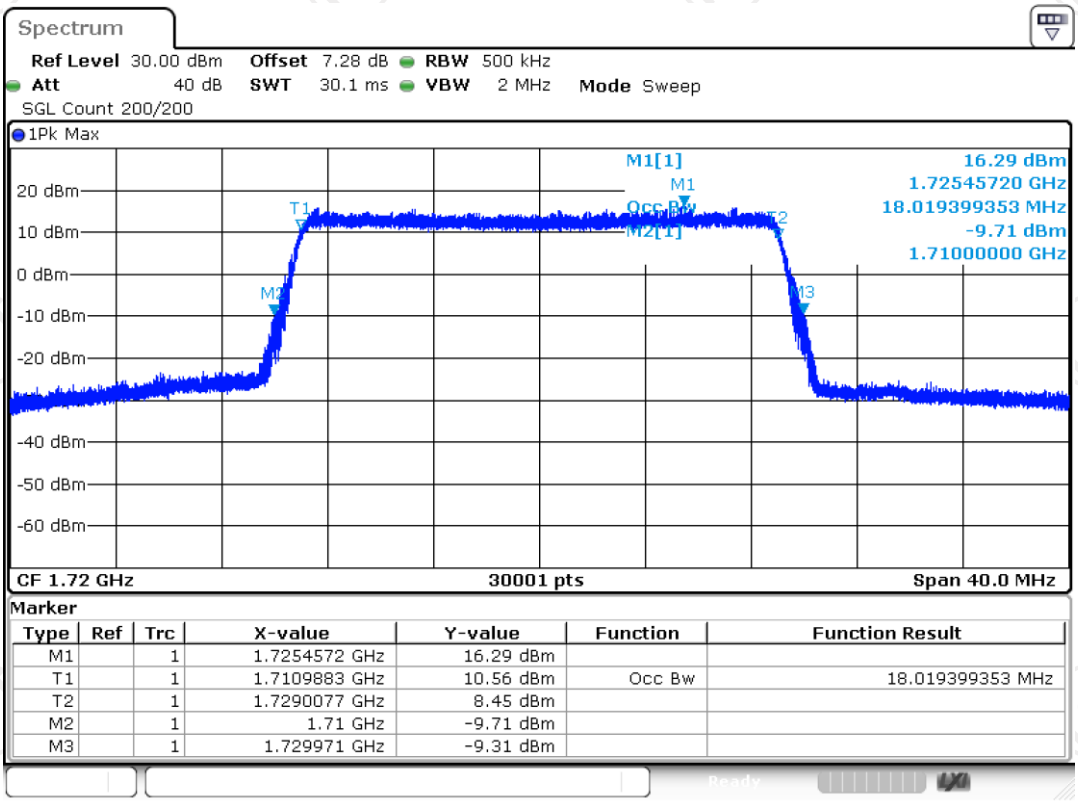


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7126736 GHz	16.69 dBm		
T1		1	1.71100163 GHz	10.42 dBm	Occ Bw	18.01139962 MHz
T2		1	1.72901303 GHz	9.88 dBm		
M2		1	1.709975 GHz	-9.19 dBm		
M3		1	1.729983 GHz	-9.05 dBm		

Date: 5.JUN.2023 19:00:50

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

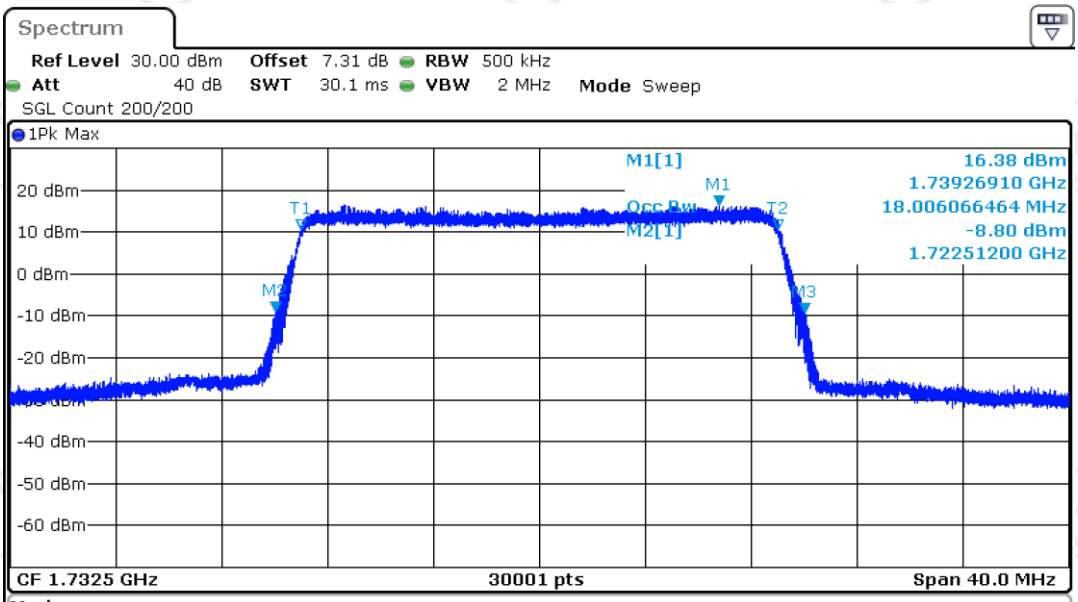


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7254572 GHz	16.29 dBm		
T1		1	1.7109883 GHz	10.56 dBm	Occ Bw	18.019399353 MHz
T2		1	1.7290077 GHz	8.45 dBm		
M2		1	1.71 GHz	-9.71 dBm		
M3		1	1.729971 GHz	-9.31 dBm		

Date: 5.JUN.2023 19:01:07

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

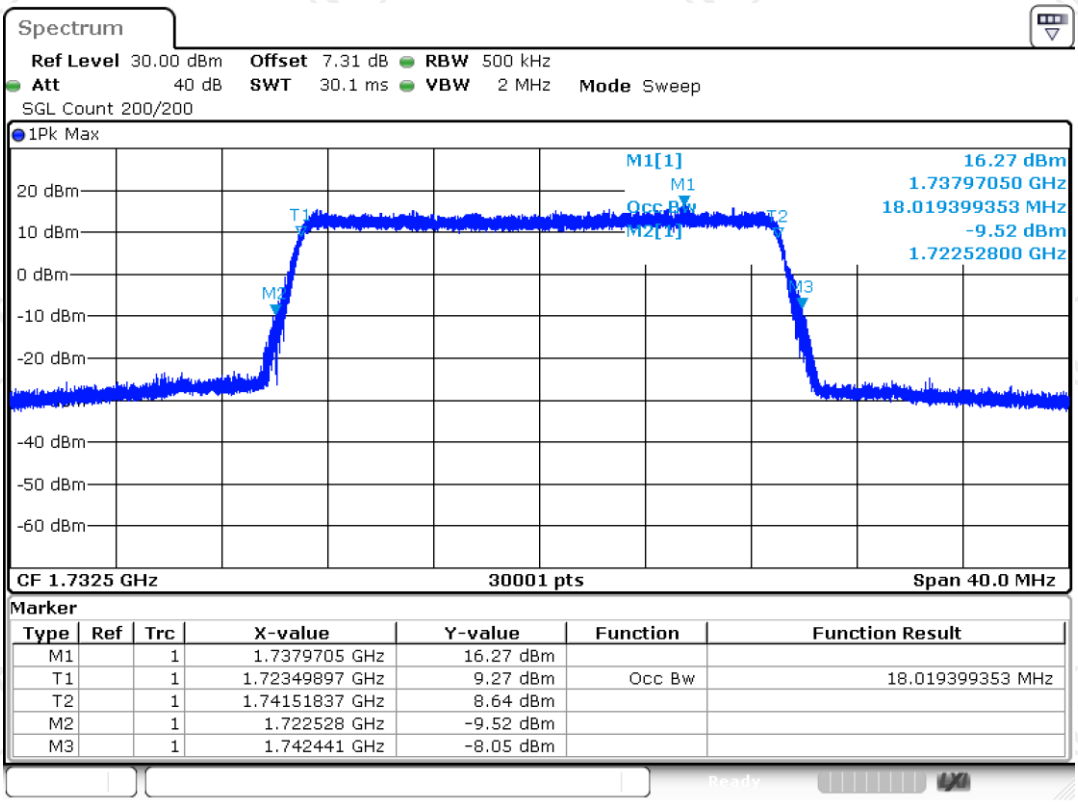


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7392691 GHz	16.38 dBm		
T1		1	1.72350697 GHz	10.73 dBm	Occ Bw	18.006066464 MHz
T2		1	1.74151303 GHz	10.64 dBm		
M2		1	1.722512 GHz	-8.80 dBm		
M3		1	1.742512 GHz	-9.15 dBm		

Date: 5.JUN.2023 19:01:24

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



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7379705 GHz	16.27 dBm		
T1		1	1.72349897 GHz	9.27 dBm	Occ Bw	18.019399353 MHz
T2		1	1.74151837 GHz	8.64 dBm		
M2		1	1.722528 GHz	-9.52 dBm		
M3		1	1.742441 GHz	-8.05 dBm		

Date: 5.JUN.2023 19:01:41