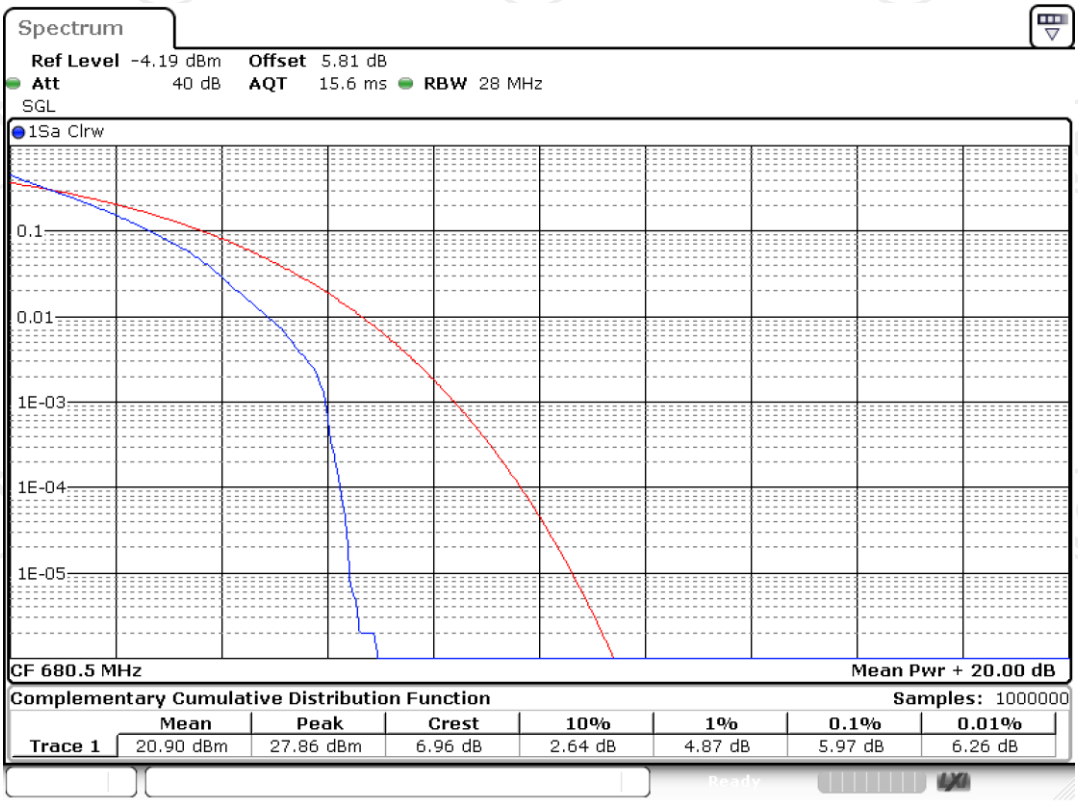
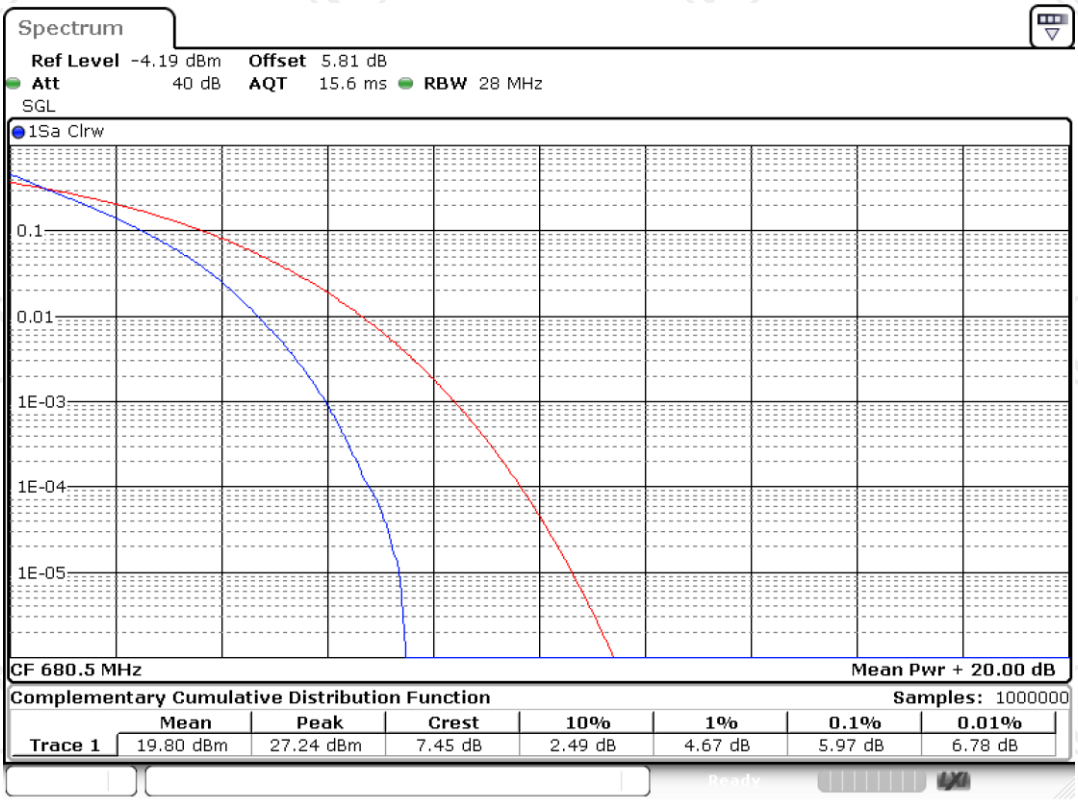
Band71 QPSK BW=15MHz Channel=133297 RB Size=1 Position=#0



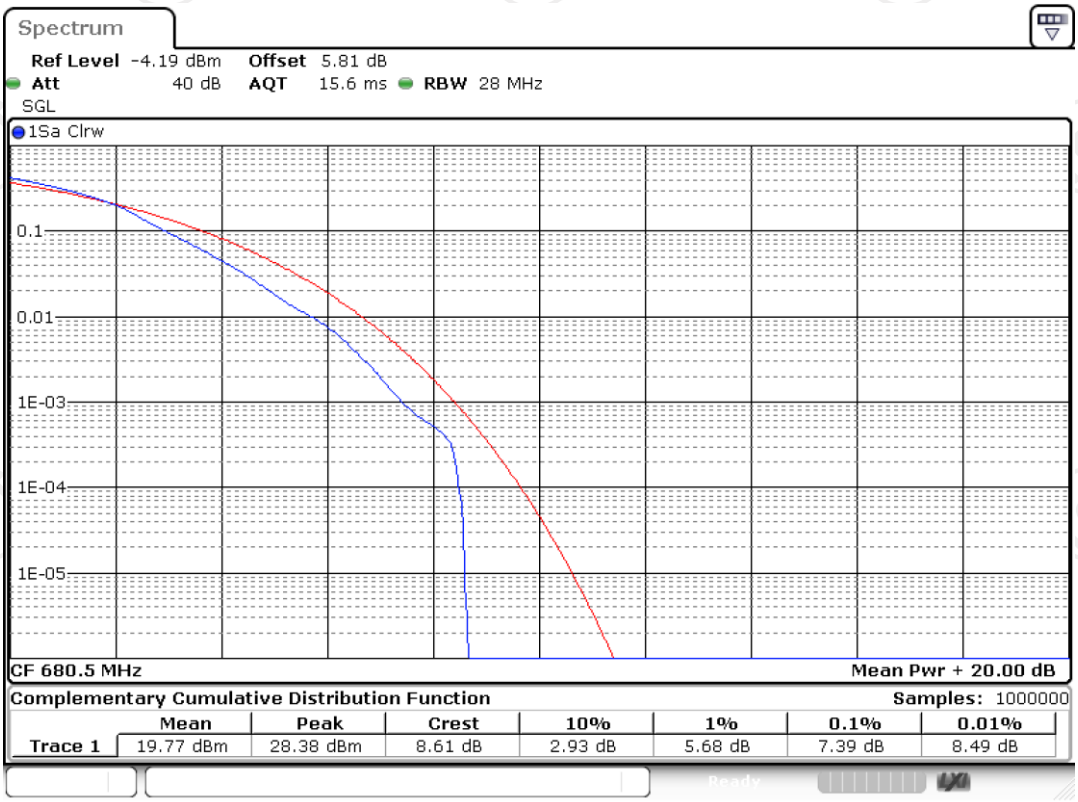
Date: 14.JUN.2023 13:11:35

Band71 QPSK BW=15MHz Channel=133297 RB Size=75 Position=#0



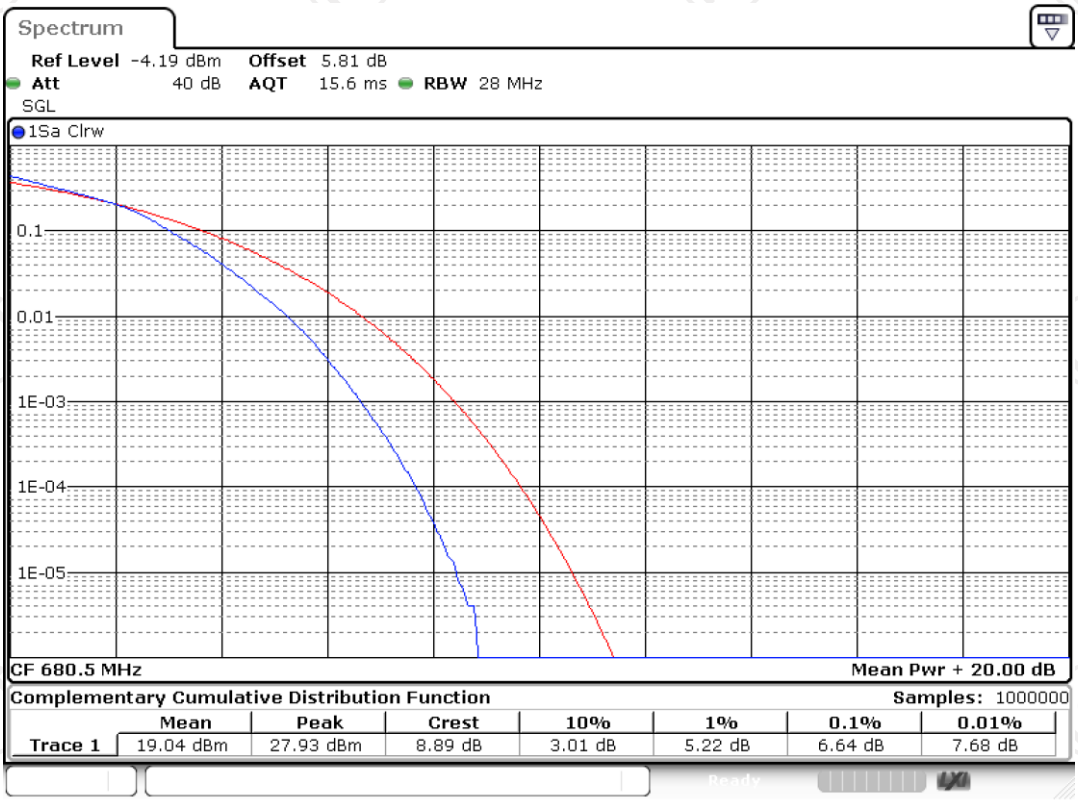
Date: 14.JUN.2023 13:11:40

Band71 16QAM BW=15MHz Channel=133297 RB Size=1 Position=#0



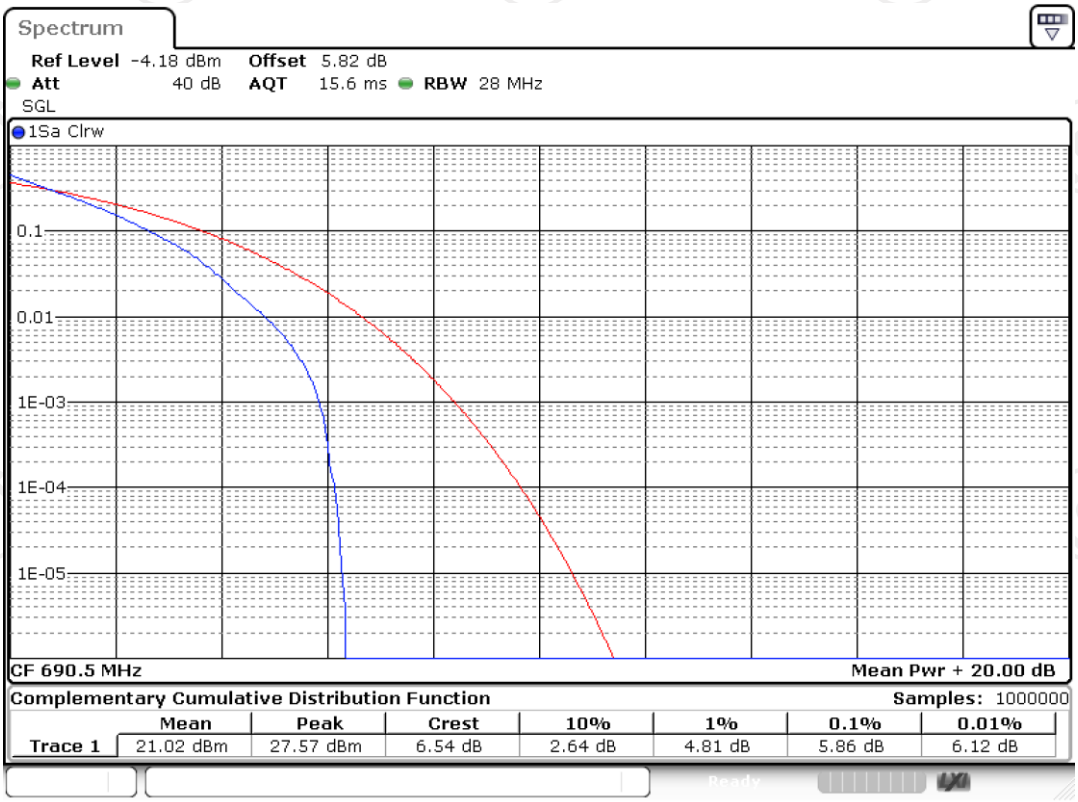
Date: 14.JUN.2023 13:11:44

Band71 16QAM BW=15MHz Channel=133297 RB Size=75 Position=#0



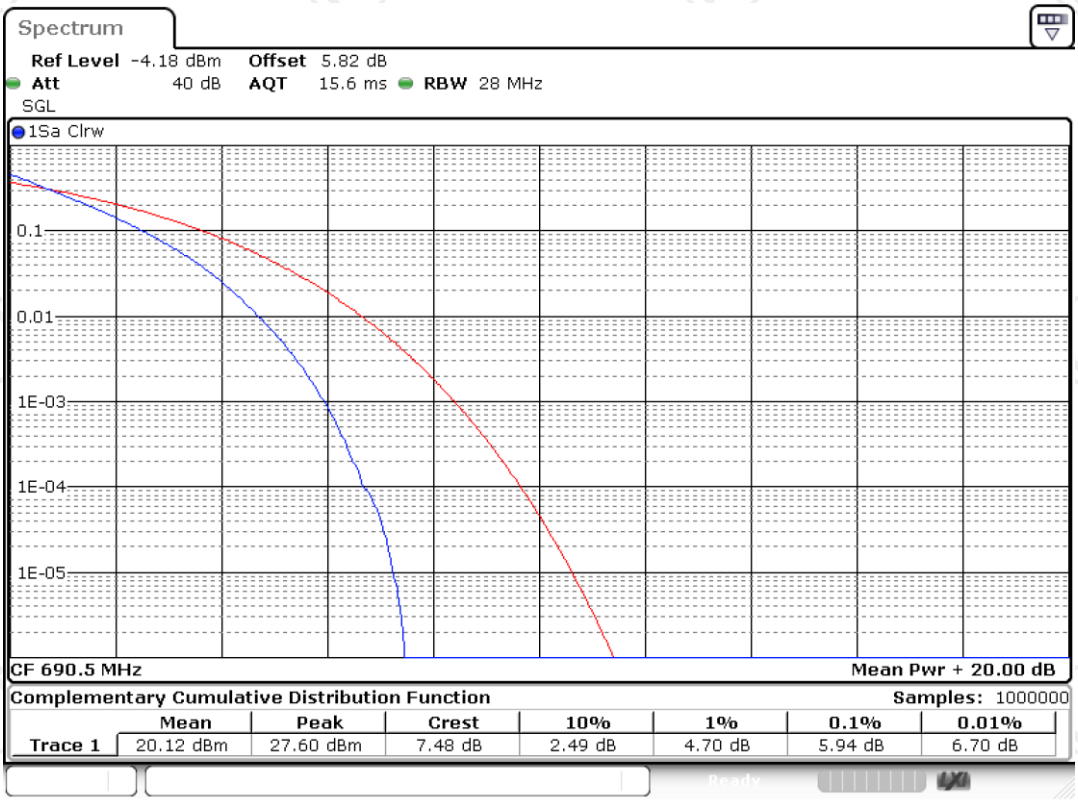
Date: 14.JUN.2023 13:11:49

Band71 QPSK BW=15MHz Channel=133397 RB Size=1 Position=#0



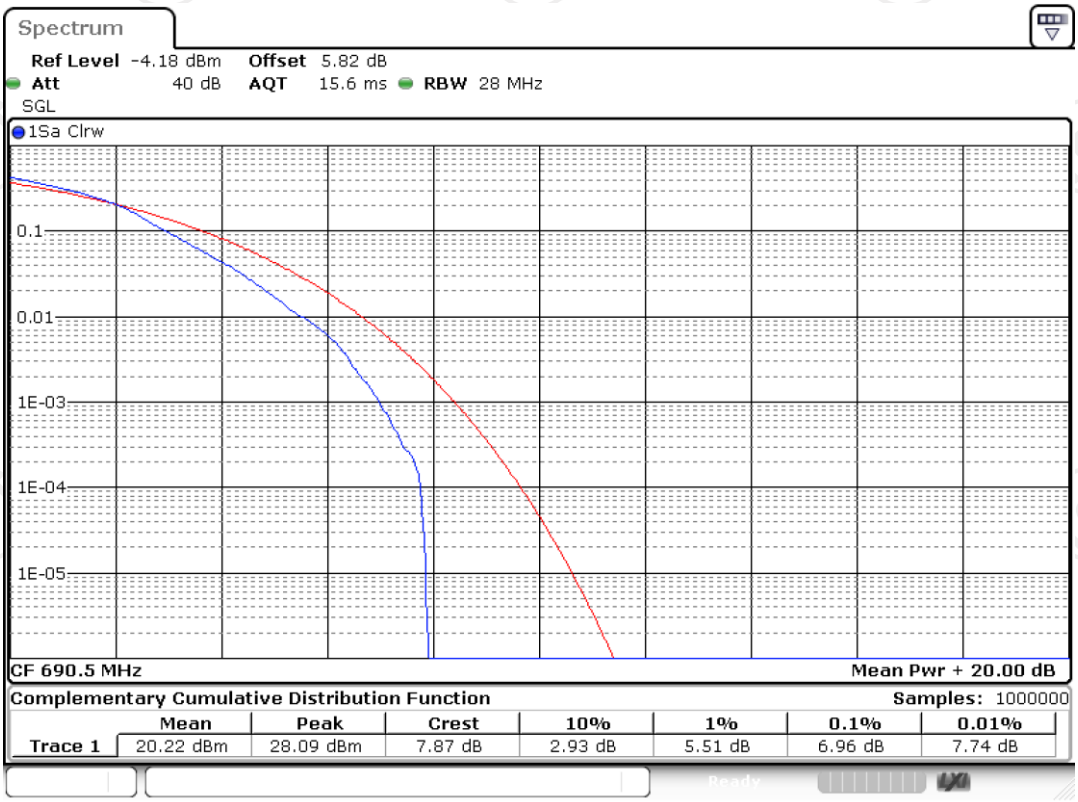
Date: 14.JUN.2023 13:11:54

Band71 QPSK BW=15MHz Channel=133397 RB Size=75 Position=#0



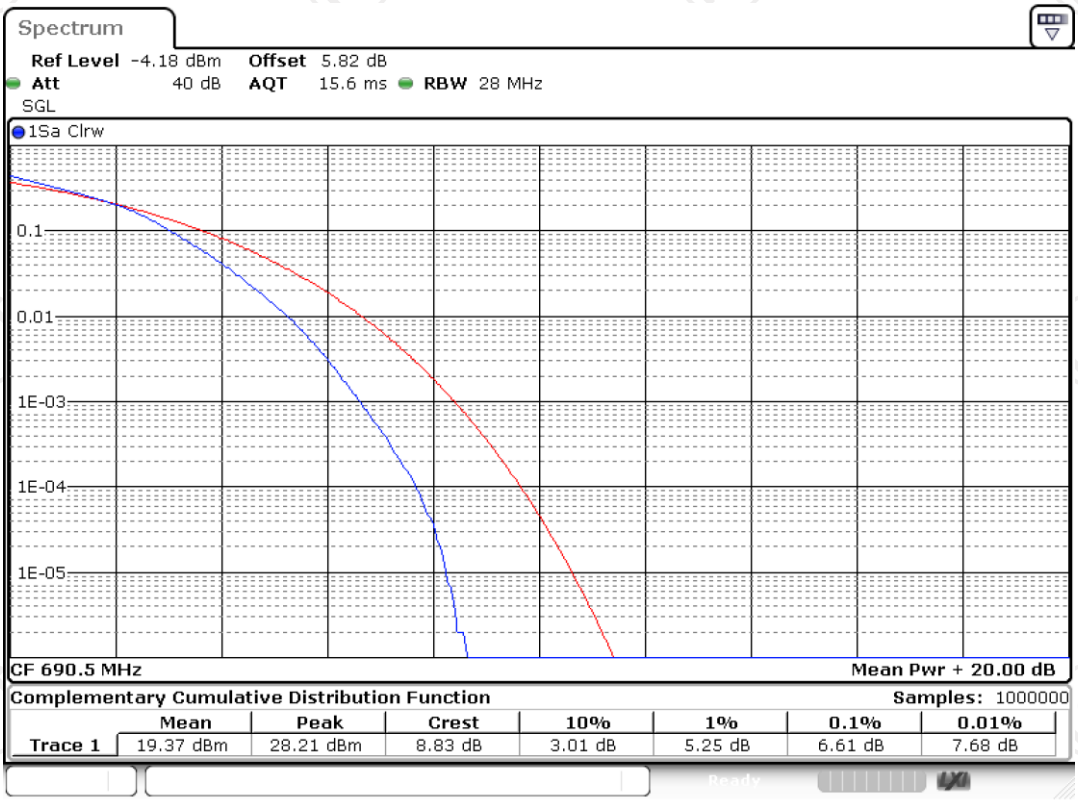
Date: 14.JUN.2023 13:11:58

Band71 16QAM BW=15MHz Channel=133397 RB Size=1 Position=#0



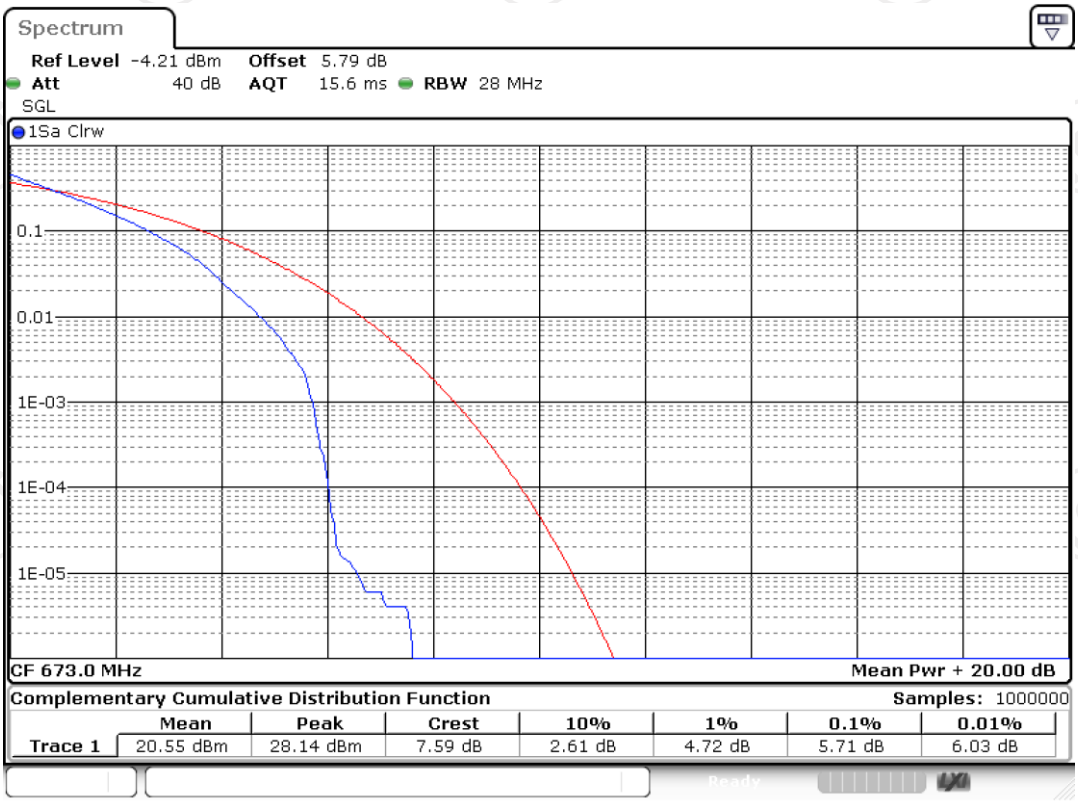
Date: 14.JUN.2023 13:12:03

Band71 16QAM BW=15MHz Channel=133397 RB Size=75 Position=#0



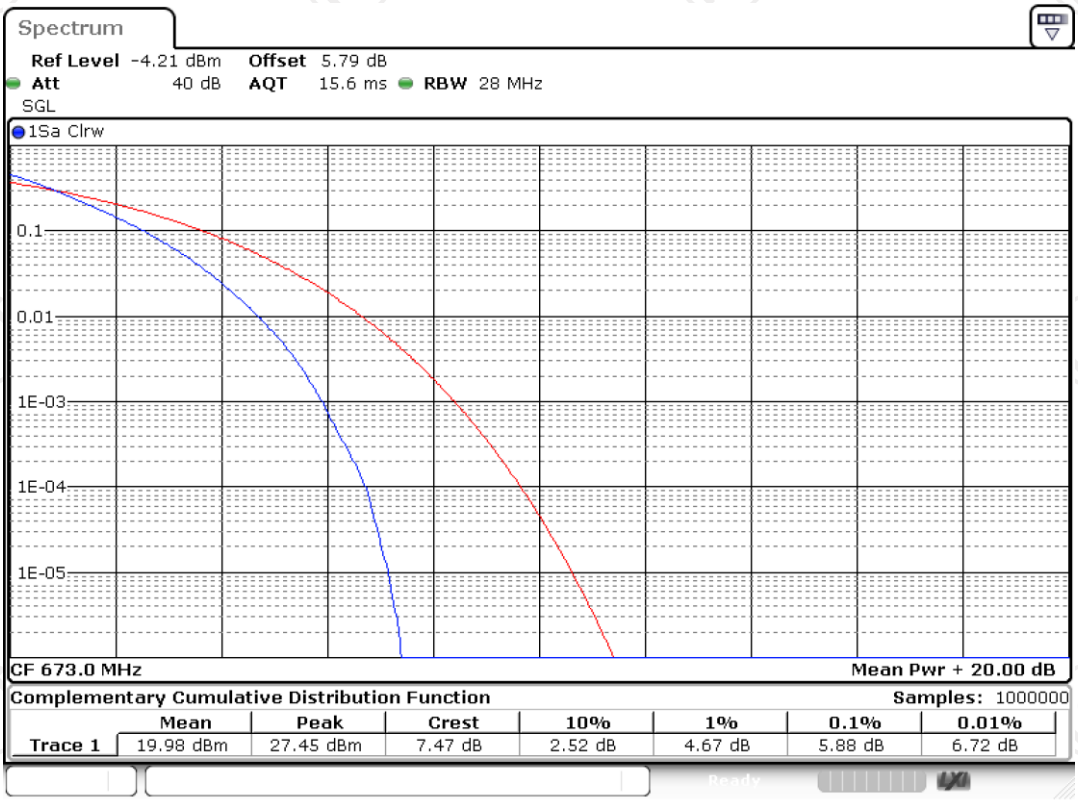
Date: 14.JUN.2023 13:12:08

Band71 QPSK BW=20MHz Channel=133222 RB Size=1 Position=#0



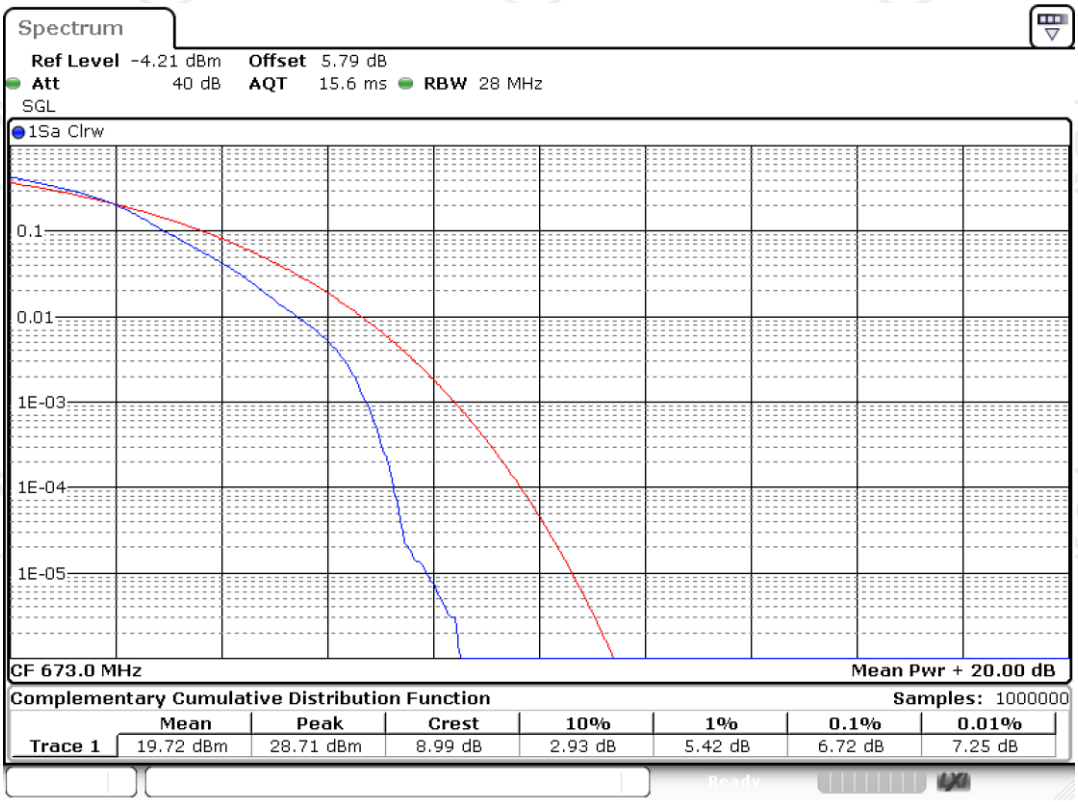
Date: 14.JUN.2023 13:12:13

Band71 QPSK BW=20MHz Channel=133222 RB Size=100 Position=#0



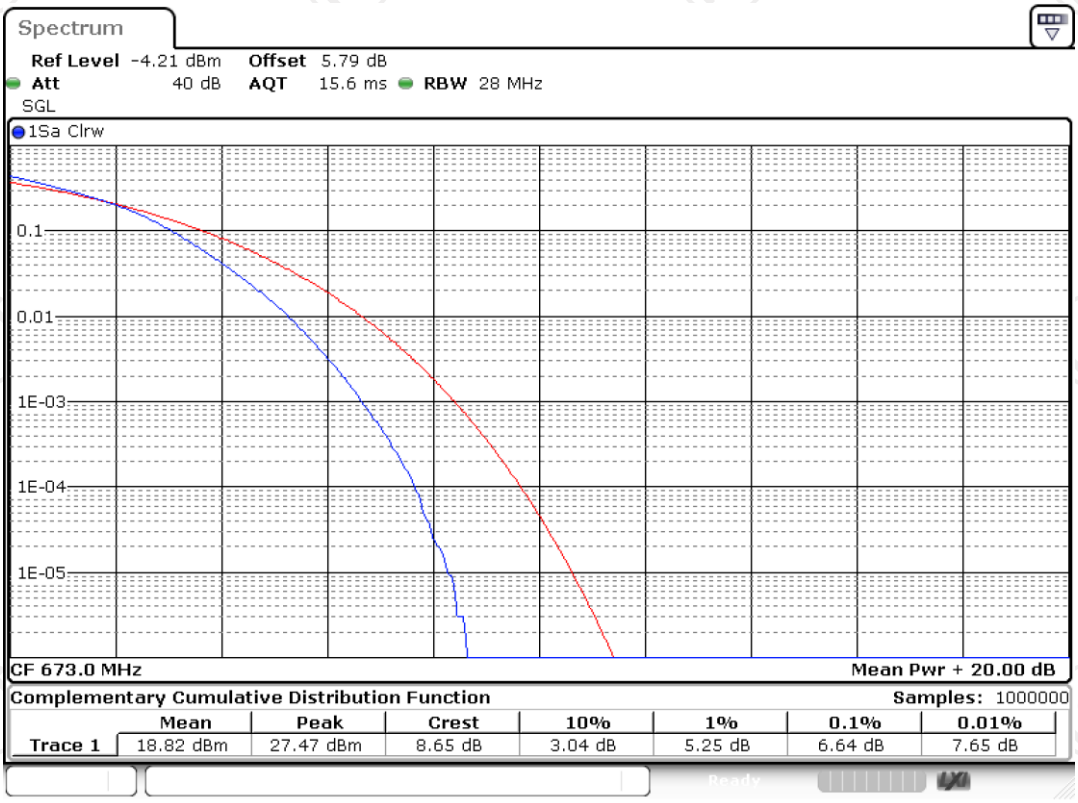
Date: 14.JUN.2023 13:12:18

Band71 16QAM BW=20MHz Channel=133222 RB Size=1 Position=#0



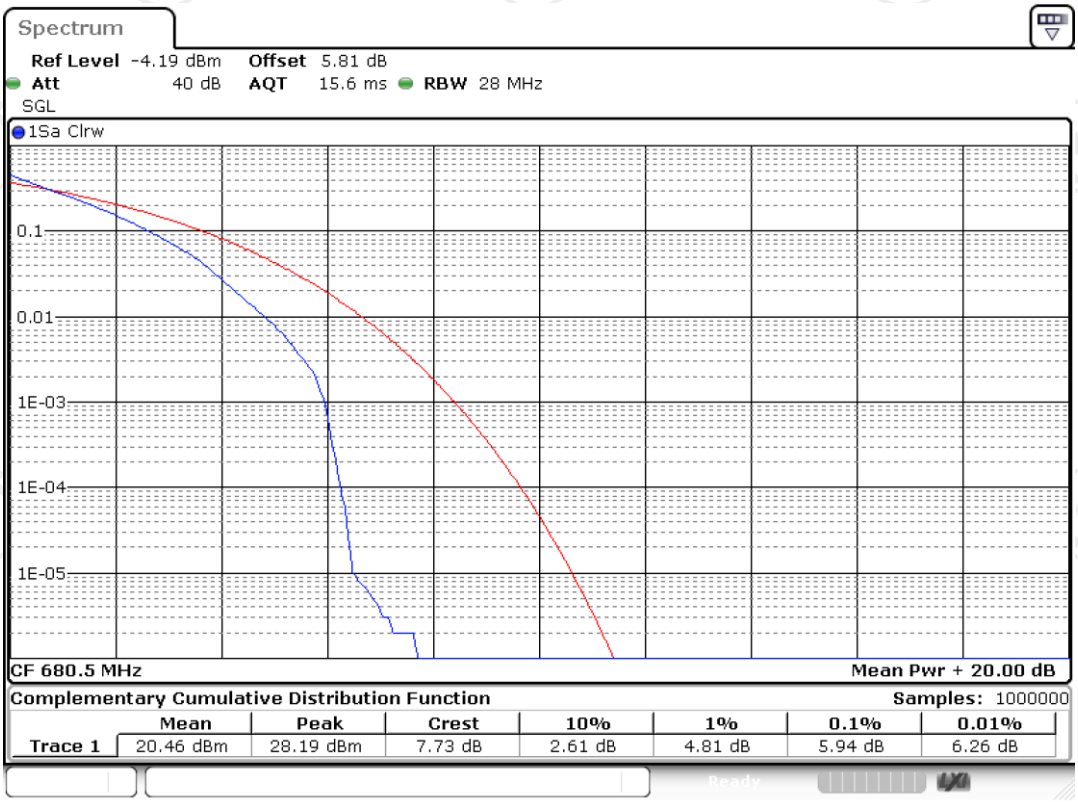
Date: 14.JUN.2023 13:12:22

Band71 16QAM BW=20MHz Channel=133222 RB Size=100 Position=#0



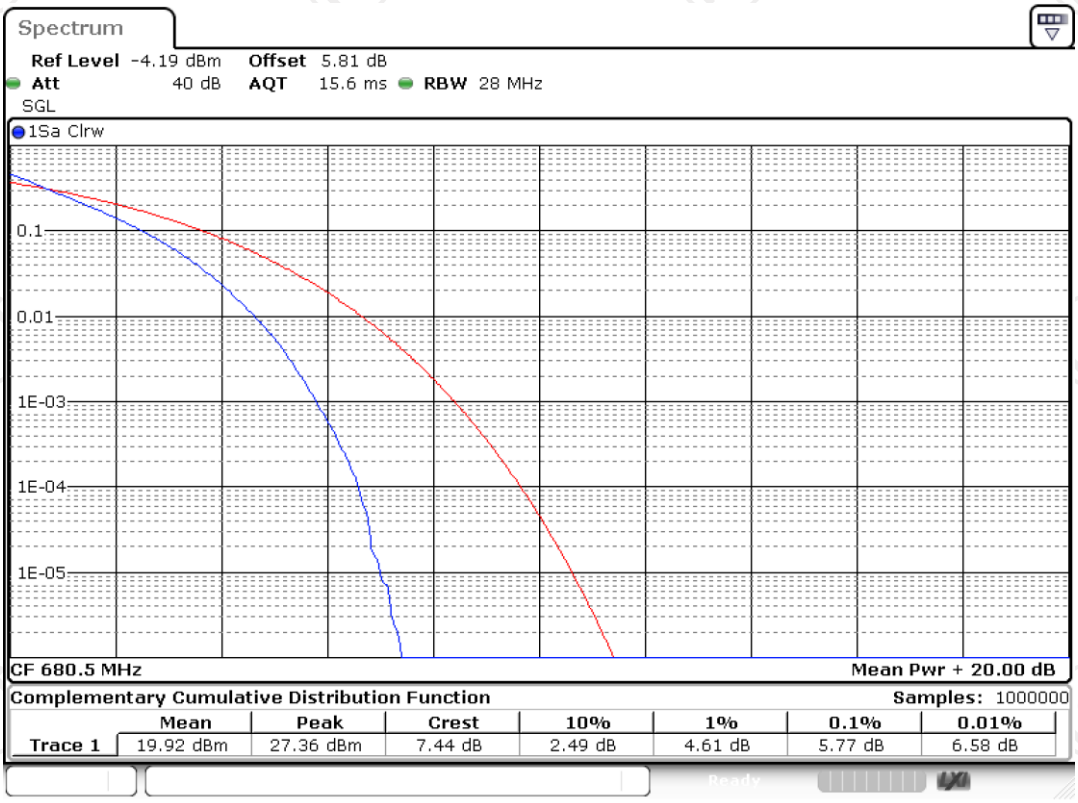
Date: 14.JUN.2023 13:12:27

Band71 QPSK BW=20MHz Channel=133297 RB Size=1 Position=#0



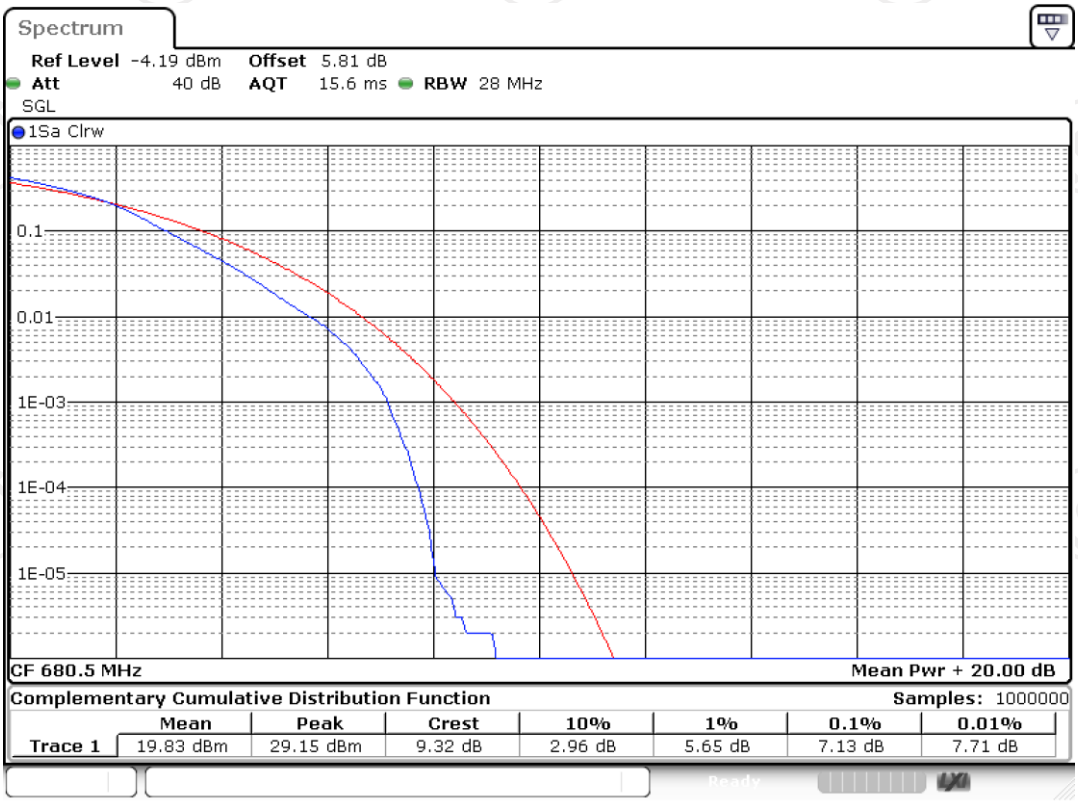
Date: 14.JUN.2023 13:12:32

Band71 QPSK BW=20MHz Channel=133297 RB Size=100 Position=#0



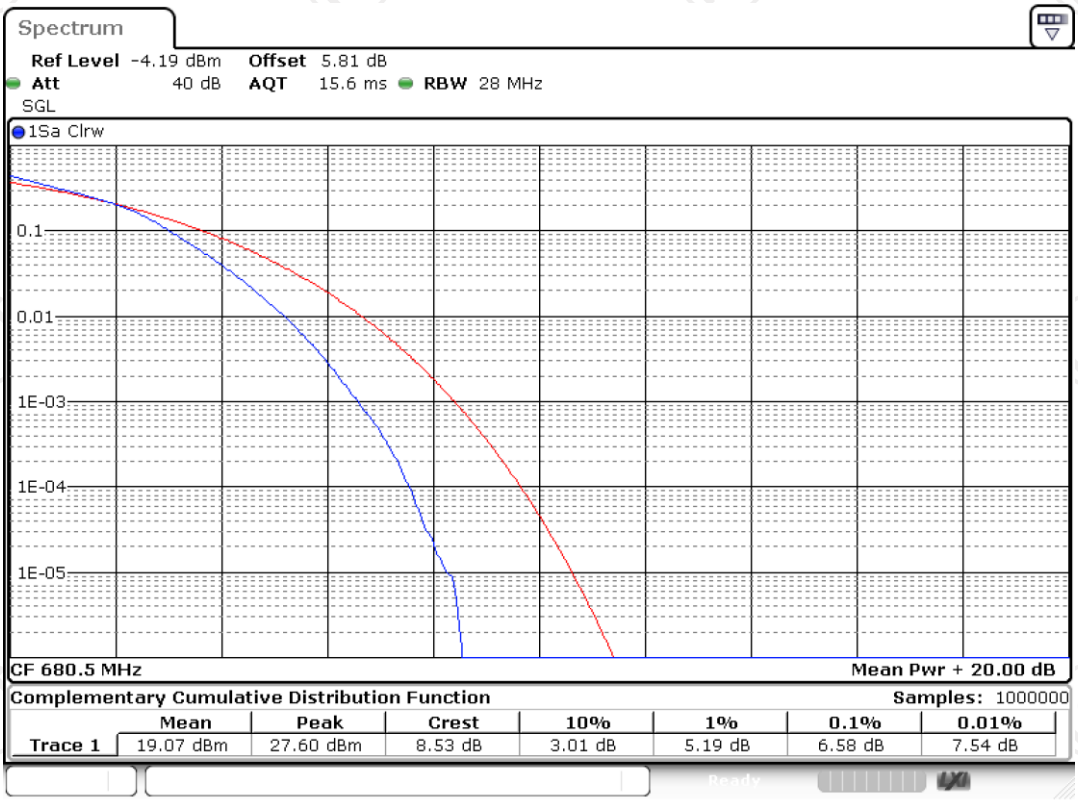
Date: 14.JUN.2023 13:12:36

Band71 16QAM BW=20MHz Channel=133297 RB Size=1 Position=#0



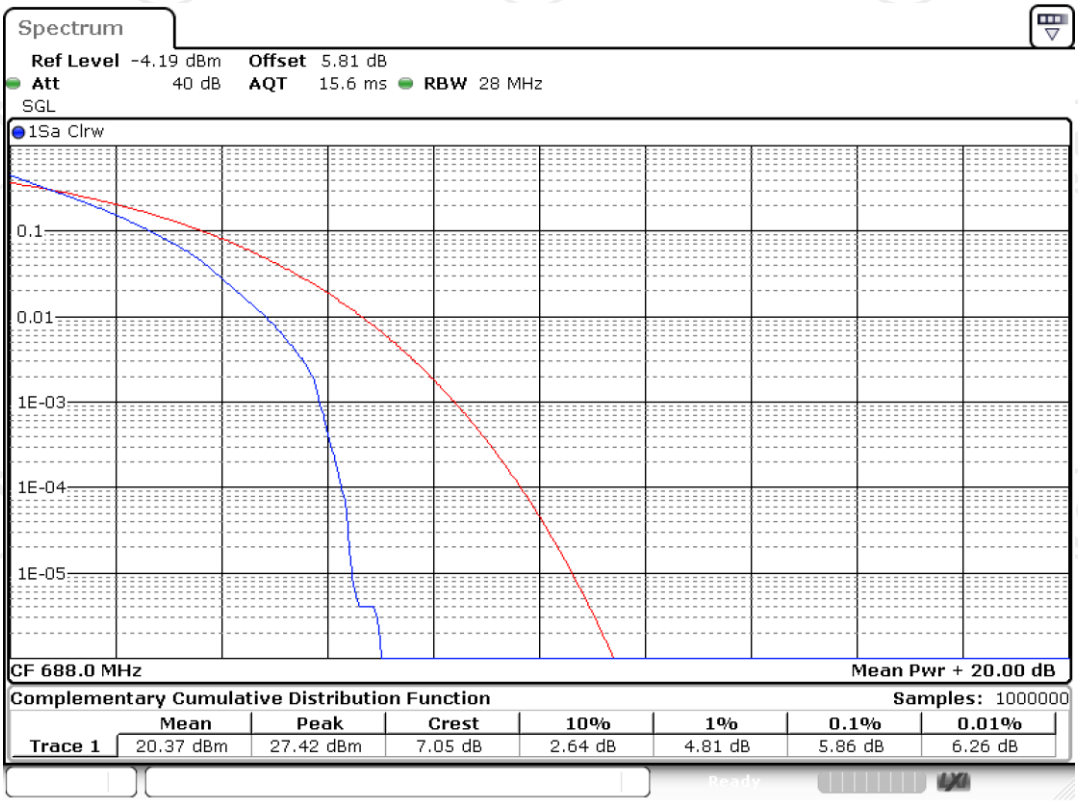
Date: 14.JUN.2023 13:12:41

Band71 16QAM BW=20MHz Channel=133297 RB Size=100 Position=#0



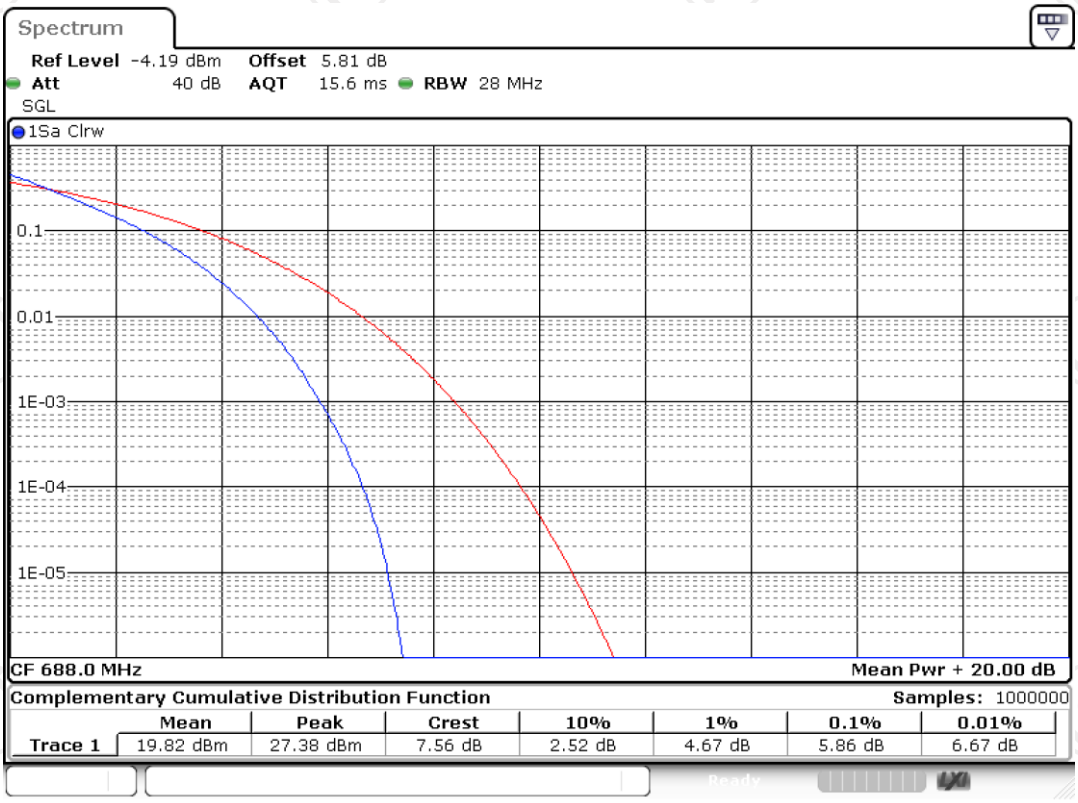
Date: 14.JUN.2023 13:12:45

Band71 QPSK BW=20MHz Channel=133372 RB Size=1 Position=#0



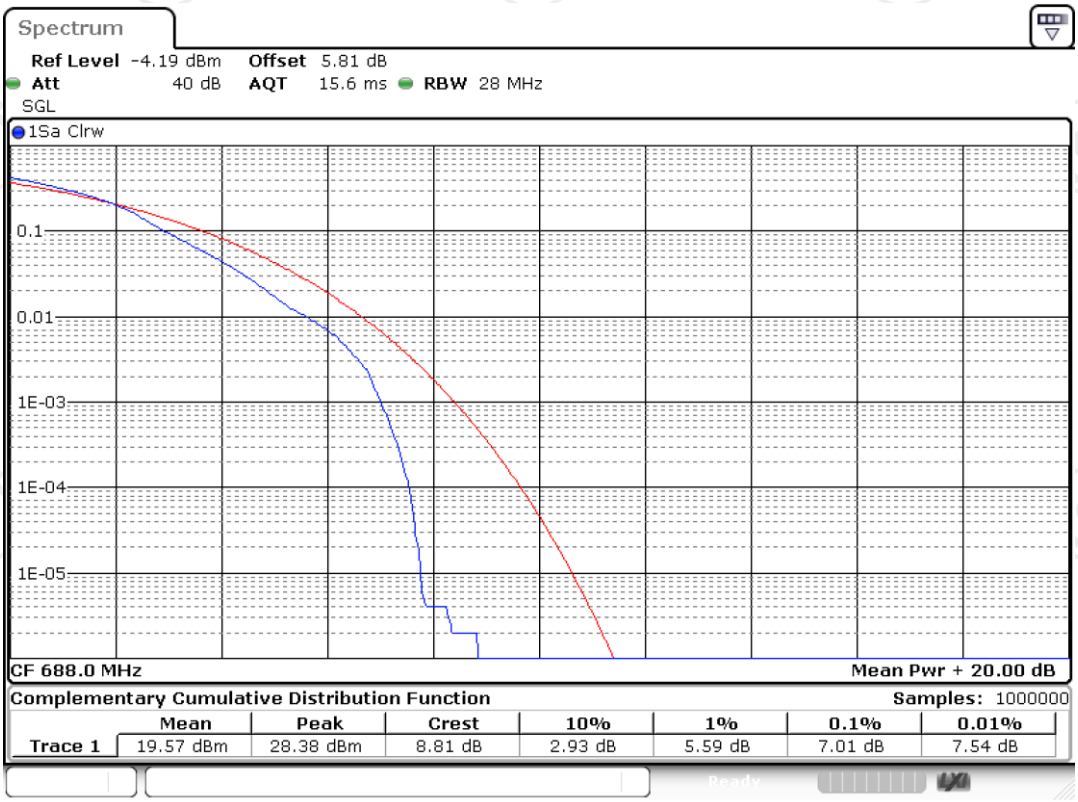
Date: 14.JUN.2023 13:12:50

Band71 QPSK BW=20MHz Channel=133372 RB Size=100 Position=#0



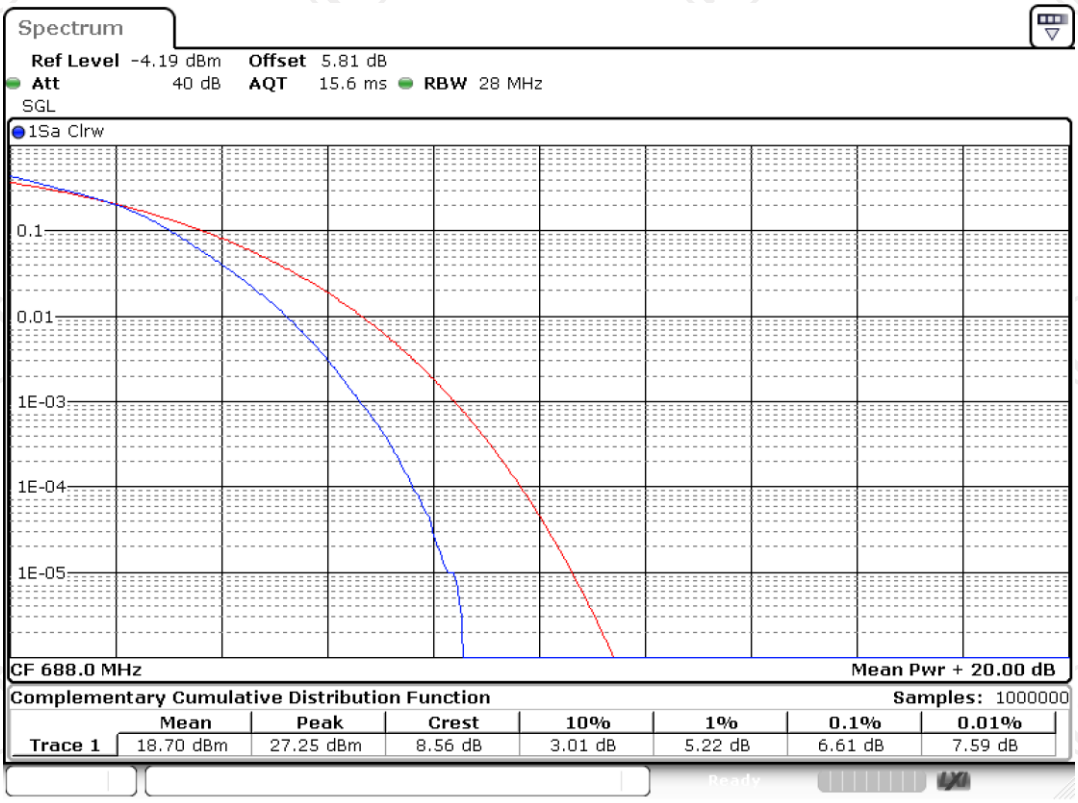
Date: 14.JUN.2023 13:12:55

Band71 16QAM BW=20MHz Channel=133372 RB Size=1 Position=#0



Date: 14.JUN.2023 13:12:59

Band71 16QAM BW=20MHz Channel=133372 RB Size=100 Position=#0

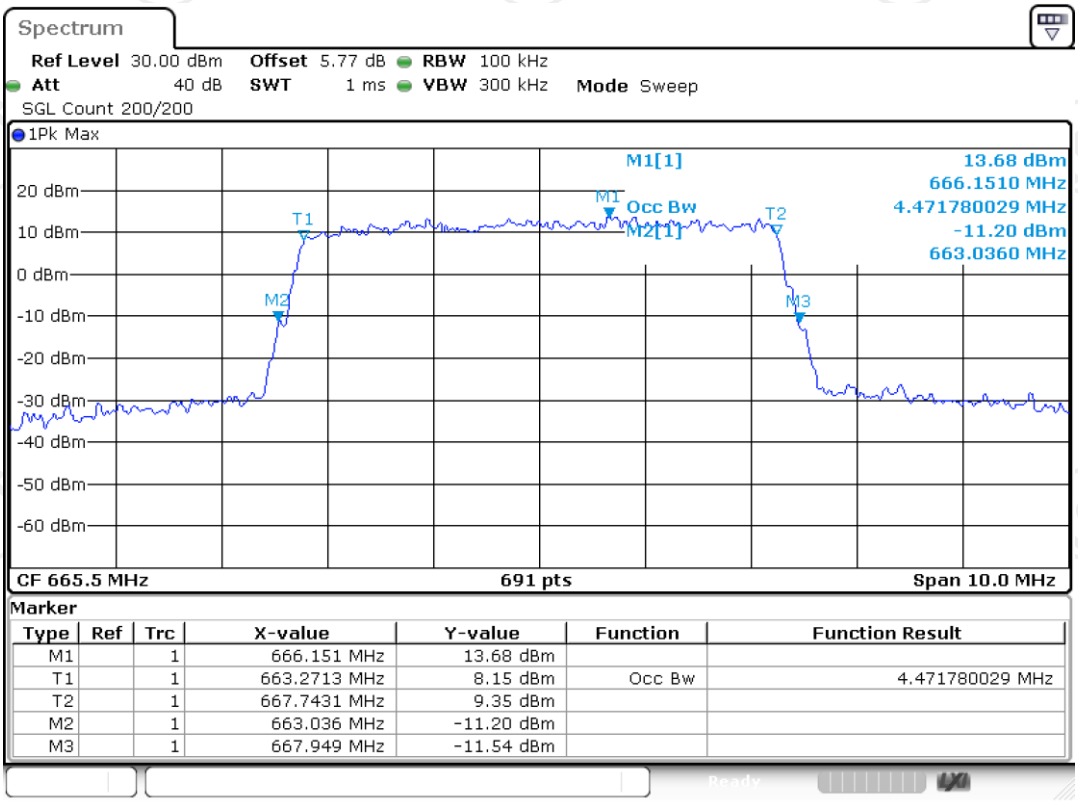


Date: 14.JUN.2023 13:13:04

4 Occupied bandwidth

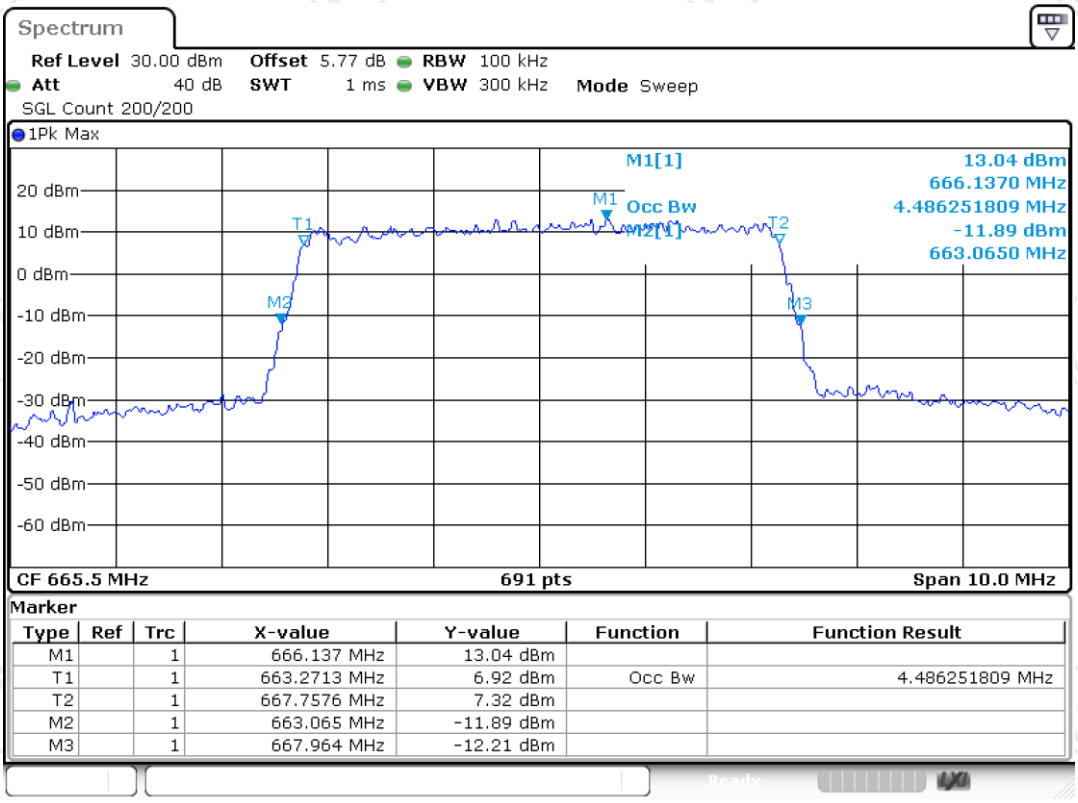
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band71	5	133147	25	#0	QPSK	4.472	4.913	PASS
Band71	5	133147	25	#0	16QAM	4.486	4.899	PASS
Band71	5	133297	25	#0	QPSK	4.501	4.957	PASS
Band71	5	133297	25	#0	16QAM	4.486	4.957	PASS
Band71	5	133447	25	#0	QPSK	4.486	4.913	PASS
Band71	5	133447	25	#0	16QAM	4.501	4.957	PASS
Band71	10	133172	50	#0	QPSK	8.944	9.797	PASS
Band71	10	133172	50	#0	16QAM	8.944	9.768	PASS
Band71	10	133297	50	#0	QPSK	9.001	9.884	PASS
Band71	10	133297	50	#0	16QAM	8.973	9.826	PASS
Band71	10	133422	50	#0	QPSK	9.001	9.884	PASS
Band71	10	133422	50	#0	16QAM	9.001	9.884	PASS
Band71	15	133197	75	#0	QPSK	13.415	14.652	PASS
Band71	15	133197	75	#0	16QAM	13.459	14.783	PASS
Band71	15	133297	75	#0	QPSK	13.459	14.783	PASS
Band71	15	133297	75	#0	16QAM	13.502	14.522	PASS
Band71	15	133397	75	#0	QPSK	13.546	14.826	PASS
Band71	15	133397	75	#0	16QAM	13.502	14.826	PASS
Band71	20	133222	100	#0	QPSK	18.003	19.652	PASS
Band71	20	133222	100	#0	16QAM	17.945	19.652	PASS
Band71	20	133297	100	#0	QPSK	18.003	19.710	PASS
Band71	20	133297	100	#0	16QAM	18.003	19.594	PASS
Band71	20	133372	100	#0	QPSK	18.003	19.768	PASS
Band71	20	133372	100	#0	16QAM	18.003	20.000	PASS

Band71 QPSK BW=5MHz Channel=133147 RB Size=25 Position=#0



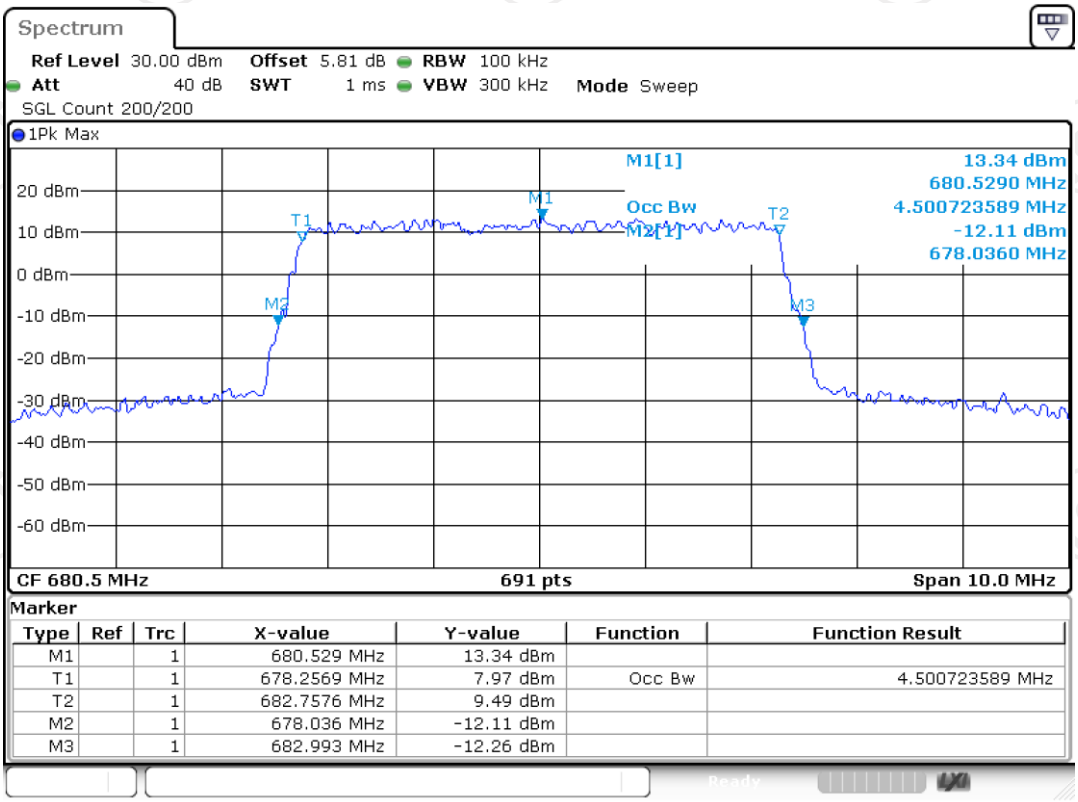
Date: 14.JUN.2023 13:13:11

Band71 16QAM BW=5MHz Channel=133147 RB Size=25 Position=#0



Date: 14.JUN.2023 13:13:17

Band71 QPSK BW=5MHz Channel=133297 RB Size=25 Position=#0

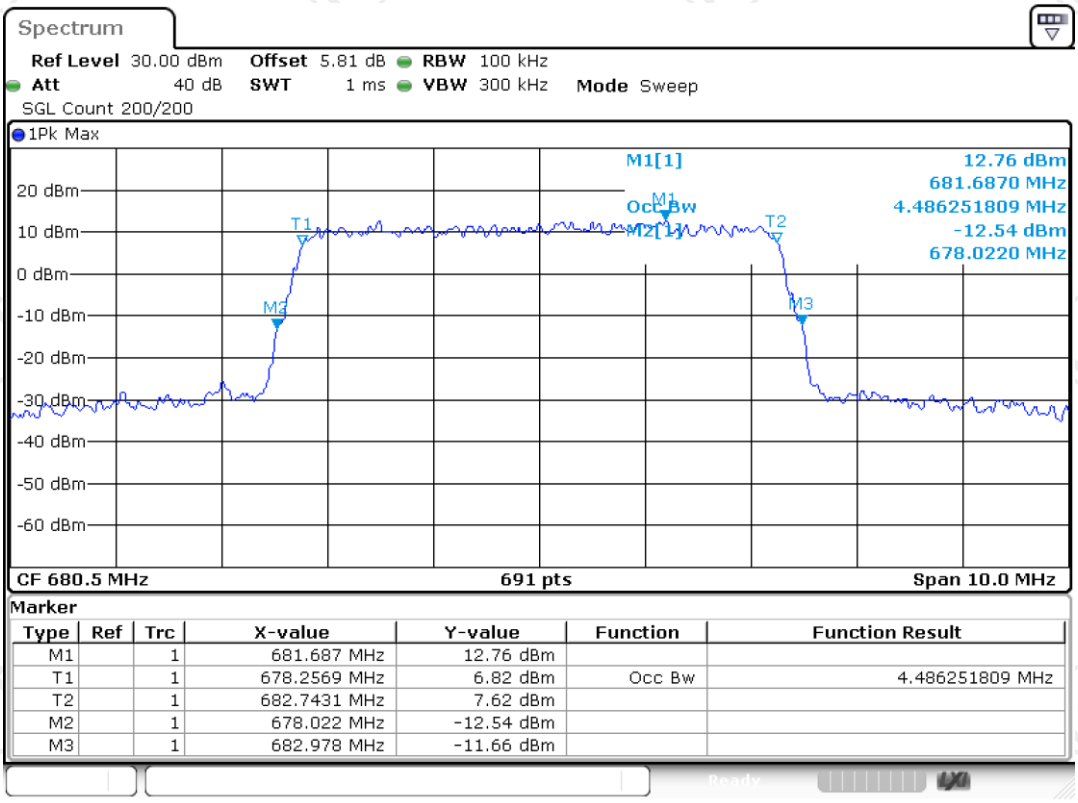


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	680.529 MHz	13.34 dBm		
T1		1	678.2569 MHz	7.97 dBm	Occ Bw	4.500723589 MHz
T2		1	682.7576 MHz	9.49 dBm		
M2		1	678.036 MHz	-12.11 dBm		
M3		1	682.993 MHz	-12.26 dBm		

Date: 14.JUN.2023 13:13:23

Band71 16QAM BW=5MHz Channel=133297 RB Size=25 Position=#0

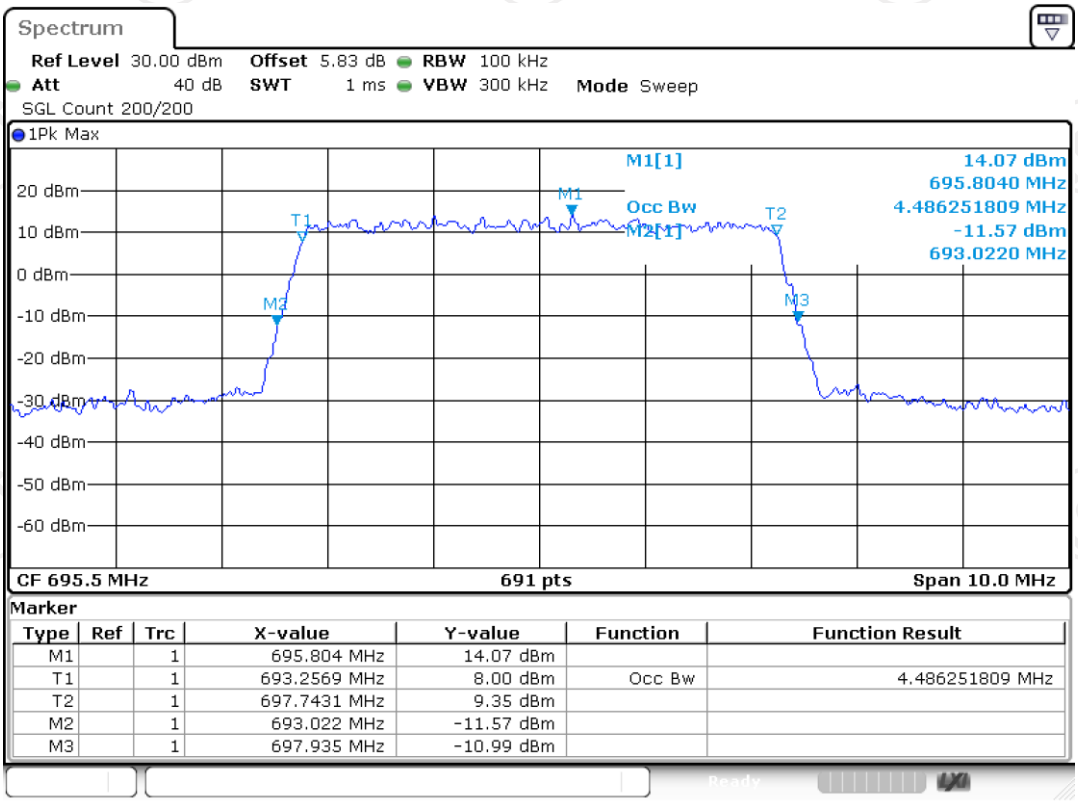


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	681.687 MHz	12.76 dBm		
T1		1	678.2569 MHz	6.82 dBm	Occ Bw	4.486251809 MHz
T2		1	682.7431 MHz	7.62 dBm		
M2		1	678.022 MHz	-12.54 dBm		
M3		1	682.978 MHz	-11.66 dBm		

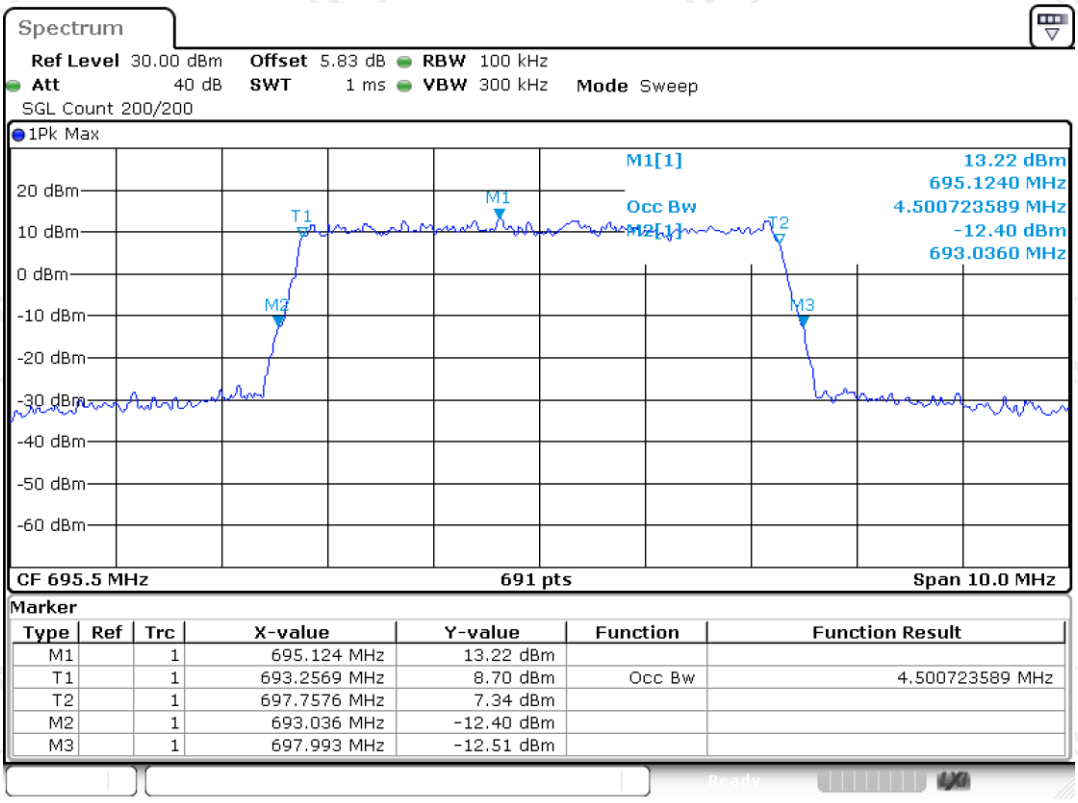
Date: 14.JUN.2023 13:13:28

Band71 QPSK BW=5MHz Channel=133447 RB Size=25 Position=#0



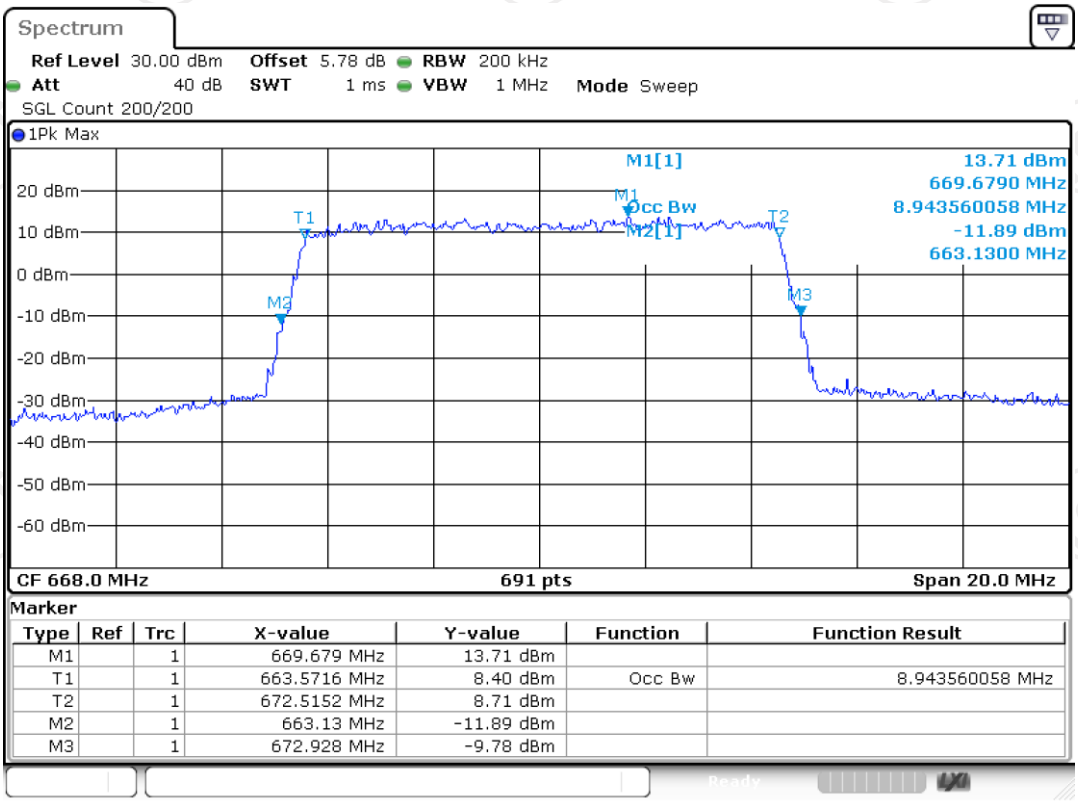
Date: 14.JUN.2023 13:13:35

Band71 16QAM BW=5MHz Channel=133447 RB Size=25 Position=#0



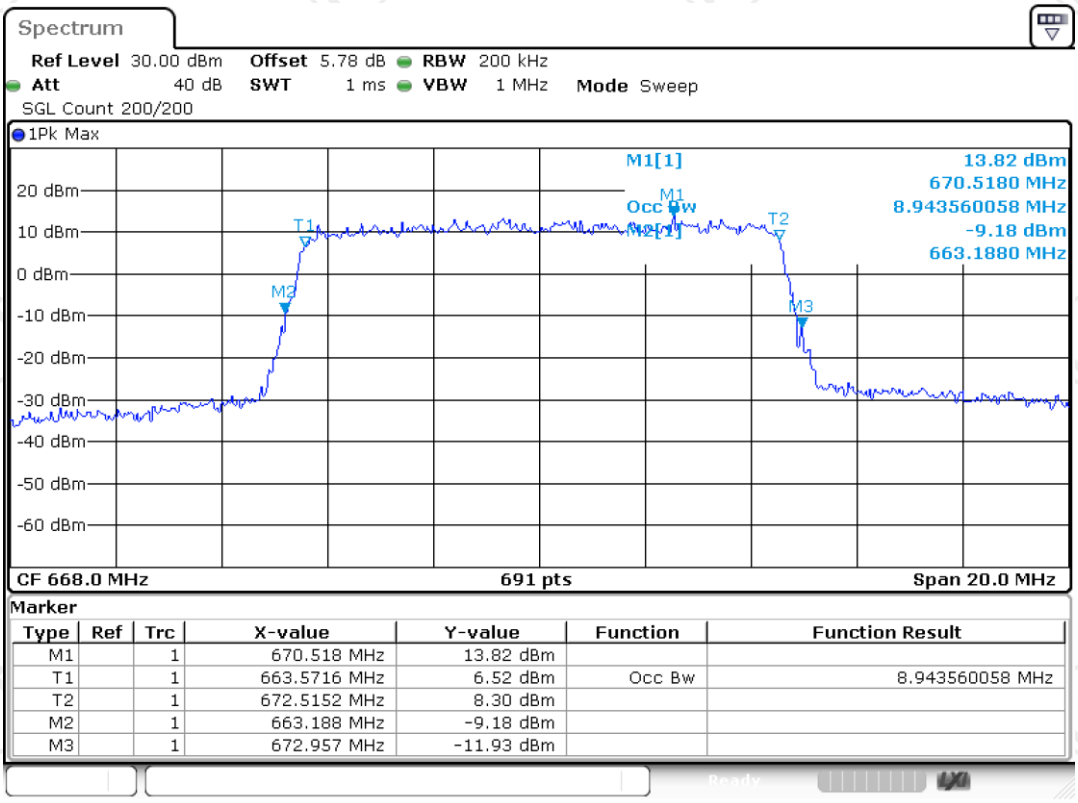
Date: 14.JUN.2023 13:13:41

Band71 QPSK BW=10MHz Channel=133172 RB Size=50 Position=#0



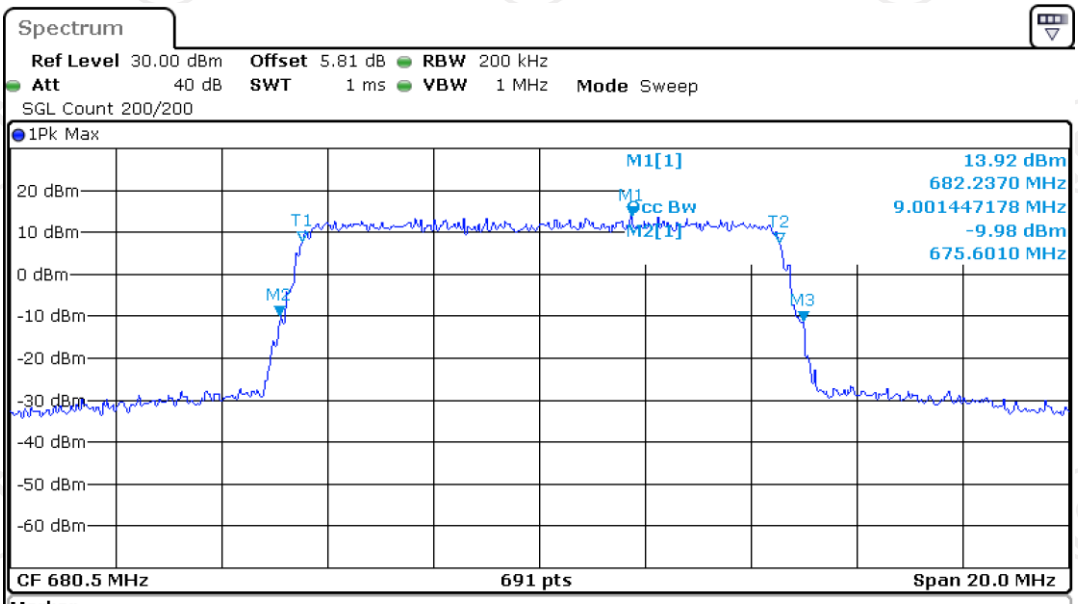
Date: 14.JUN.2023 13:13:49

Band71 16QAM BW=10MHz Channel=133172 RB Size=50 Position=#0



Date: 14.JUN.2023 13:13:55

Band71 QPSK BW=10MHz Channel=133297 RB Size=50 Position=#0

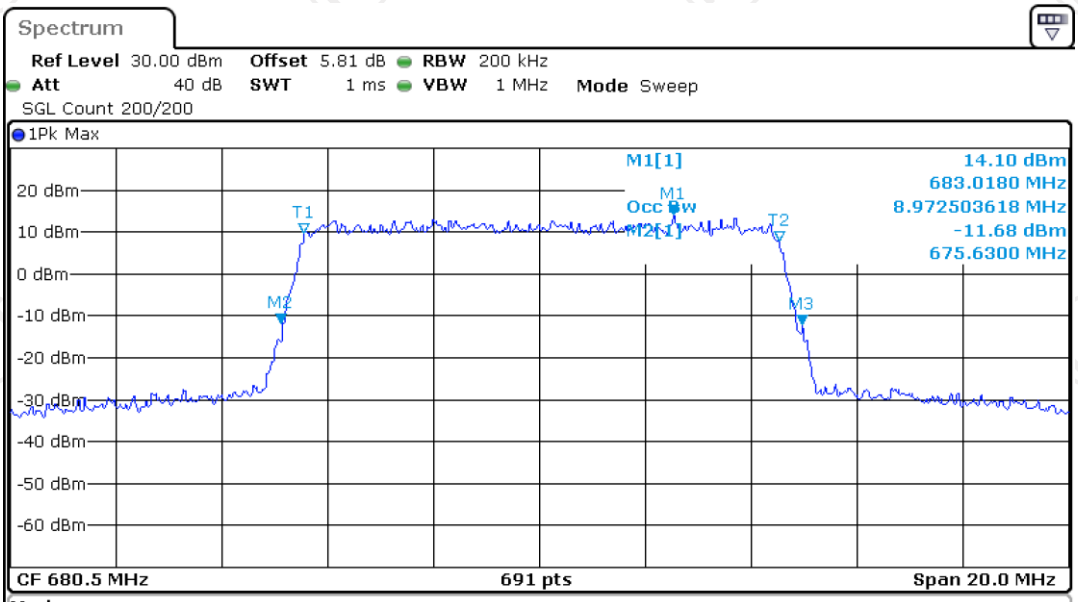


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	682.237 MHz	13.92 dBm		
T1		1	676.0137 MHz	7.87 dBm	Occ Bw	9.001447178 MHz
T2		1	685.0152 MHz	7.62 dBm		
M2		1	675.601 MHz	-9.98 dBm		
M3		1	685.486 MHz	-11.11 dBm		

Date: 14.JUN.2023 13:14:02

Band71 16QAM BW=10MHz Channel=133297 RB Size=50 Position=#0

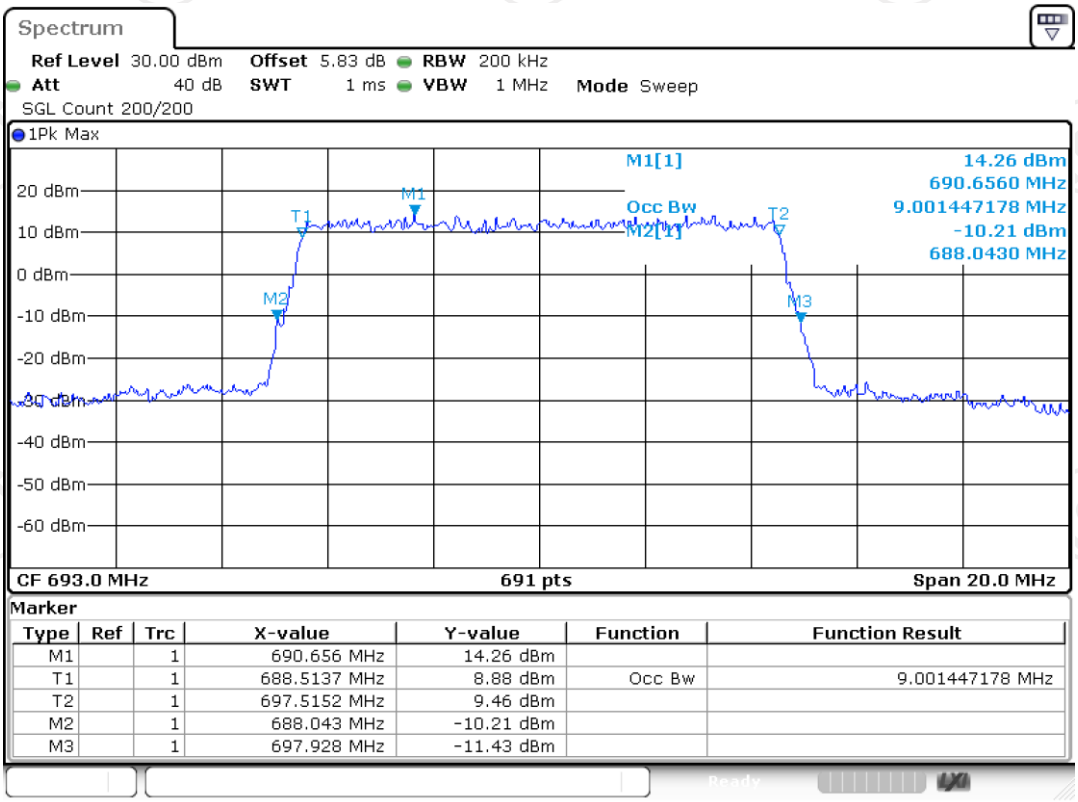


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	683.018 MHz	14.10 dBm		
T1		1	676.0427 MHz	9.68 dBm	Occ Bw	8.972503618 MHz
T2		1	685.0152 MHz	7.77 dBm		
M2		1	675.63 MHz	-11.68 dBm		
M3		1	685.457 MHz	-11.61 dBm		

Date: 14.JUN.2023 13:14:08

Band71 QPSK BW=10MHz Channel=133422 RB Size=50 Position=#0

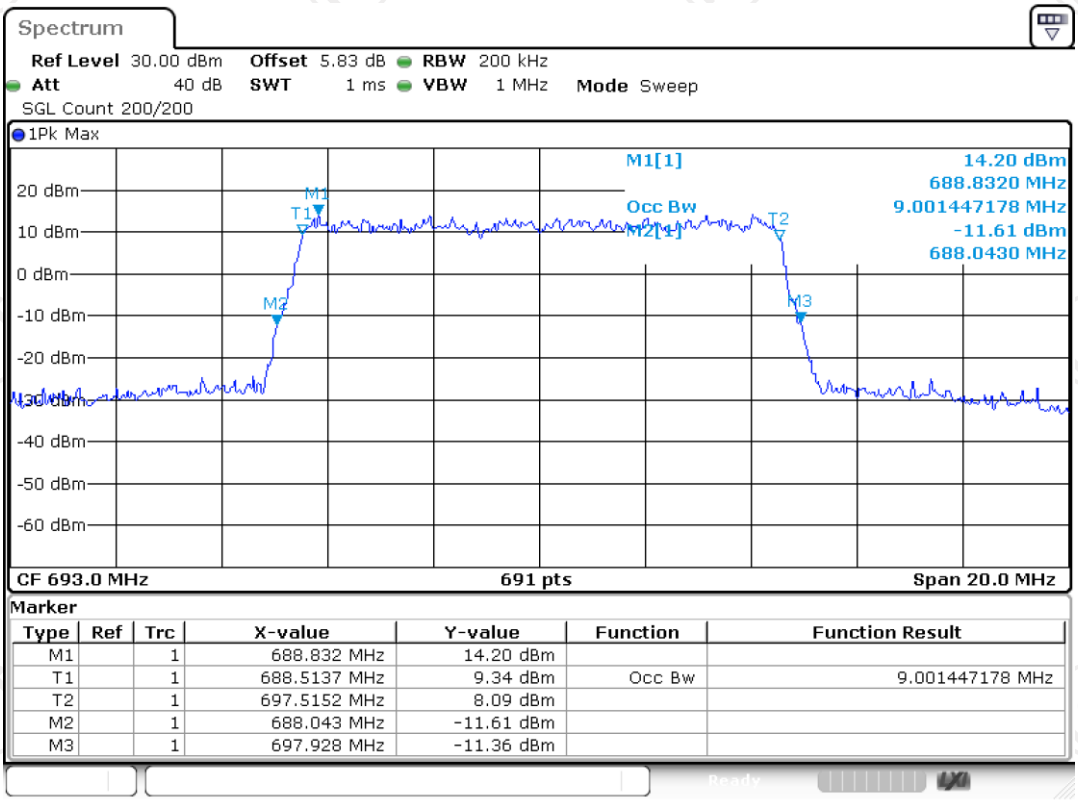


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	690.656 MHz	14.26 dBm		
T1		1	688.5137 MHz	8.88 dBm	Occ Bw	9.001447178 MHz
T2		1	697.5152 MHz	9.46 dBm		
M2		1	688.043 MHz	-10.21 dBm		
M3		1	697.928 MHz	-11.43 dBm		

Date: 14.JUN.2023 13:14:17

Band71 16QAM BW=10MHz Channel=133422 RB Size=50 Position=#0

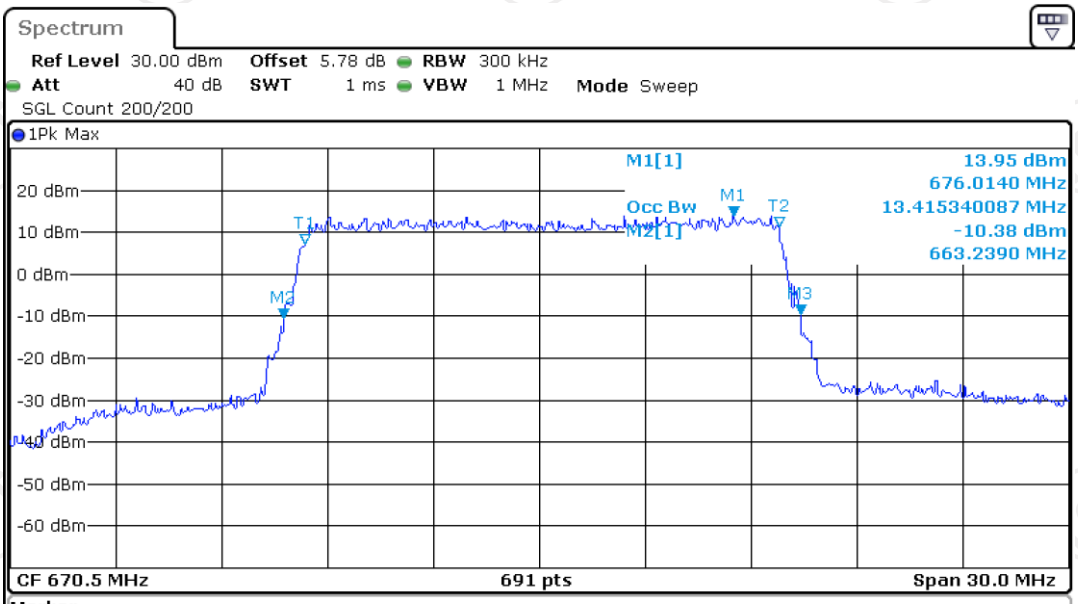


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	688.832 MHz	14.20 dBm		
T1		1	688.5137 MHz	9.34 dBm	Occ Bw	9.001447178 MHz
T2		1	697.5152 MHz	8.09 dBm		
M2		1	688.043 MHz	-11.61 dBm		
M3		1	697.928 MHz	-11.36 dBm		

Date: 14.JUN.2023 13:14:24

Band71 QPSK BW=15MHz Channel=133197 RB Size=75 Position=#0

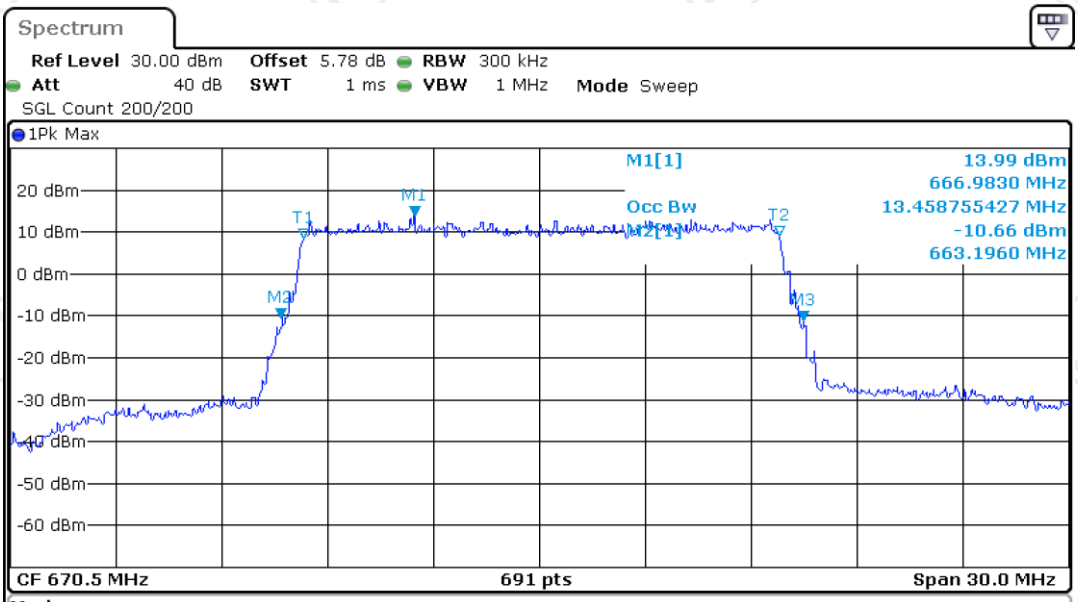


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	676.014 MHz	13.95 dBm		
T1		1	663.8575 MHz	7.29 dBm	Occ Bw	13.415340087 MHz
T2		1	677.2728 MHz	11.39 dBm		
M2		1	663.239 MHz	-10.38 dBm		
M3		1	677.891 MHz	-9.59 dBm		

Date: 14.JUN.2023 13:14:30

Band71 16QAM BW=15MHz Channel=133197 RB Size=75 Position=#0

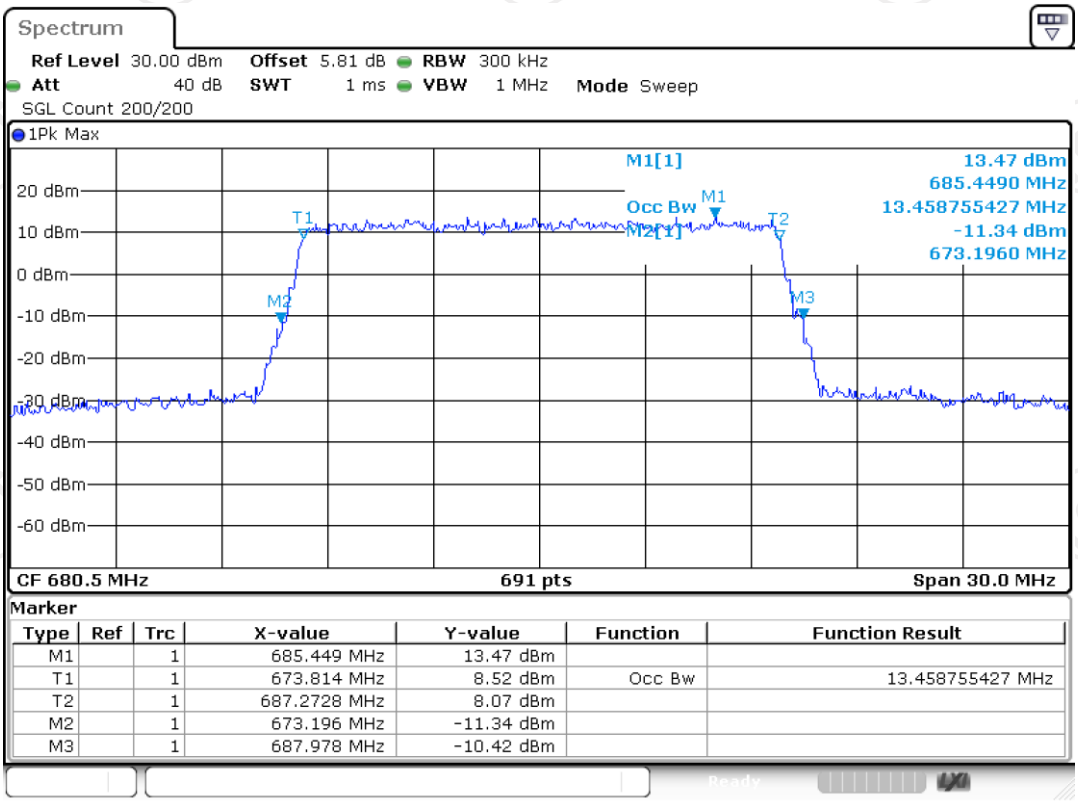


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	666.983 MHz	13.99 dBm		
T1		1	663.814 MHz	8.42 dBm	Occ Bw	13.458755427 MHz
T2		1	677.2728 MHz	8.98 dBm		
M2		1	663.196 MHz	-10.66 dBm		
M3		1	677.978 MHz	-11.23 dBm		

Date: 14.JUN.2023 13:14:35

Band71 QPSK BW=15MHz Channel=133297 RB Size=75 Position=#0

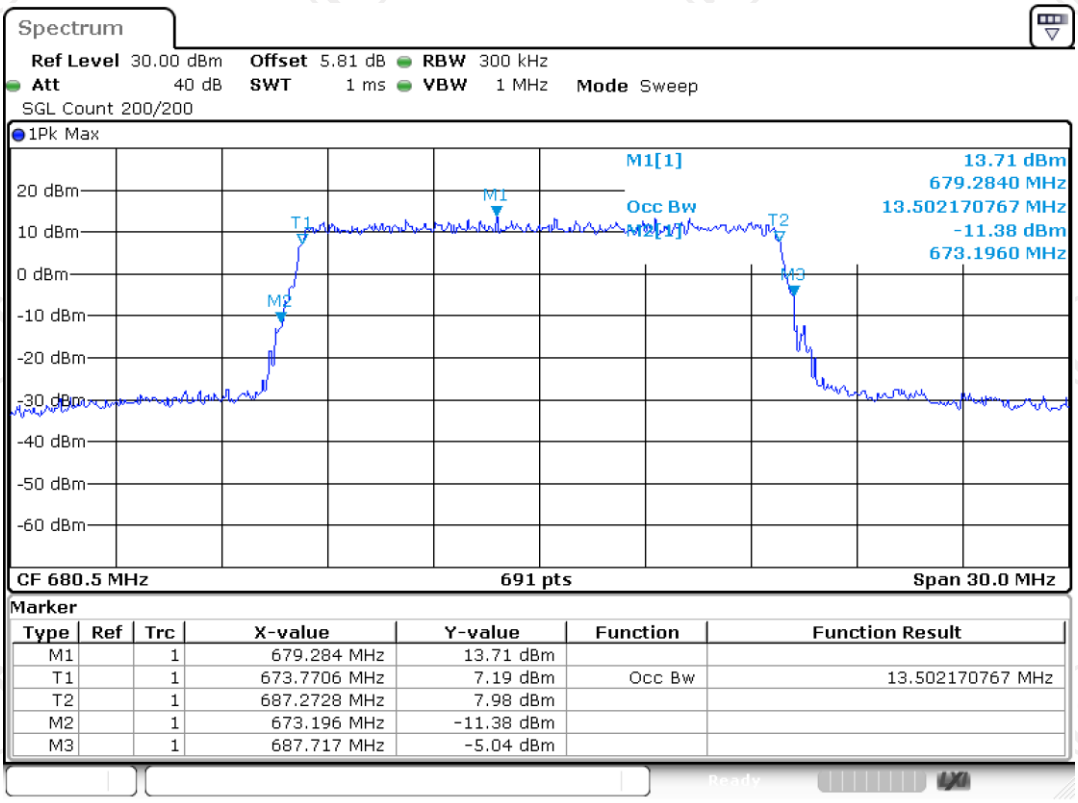


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	685.449 MHz	13.47 dBm		
T1		1	673.814 MHz	8.52 dBm	Occ Bw	13.458755427 MHz
T2		1	687.2728 MHz	8.07 dBm		
M2		1	673.196 MHz	-11.34 dBm		
M3		1	687.978 MHz	-10.42 dBm		

Date: 14.JUN.2023 13:14:41

Band71 16QAM BW=15MHz Channel=133297 RB Size=75 Position=#0

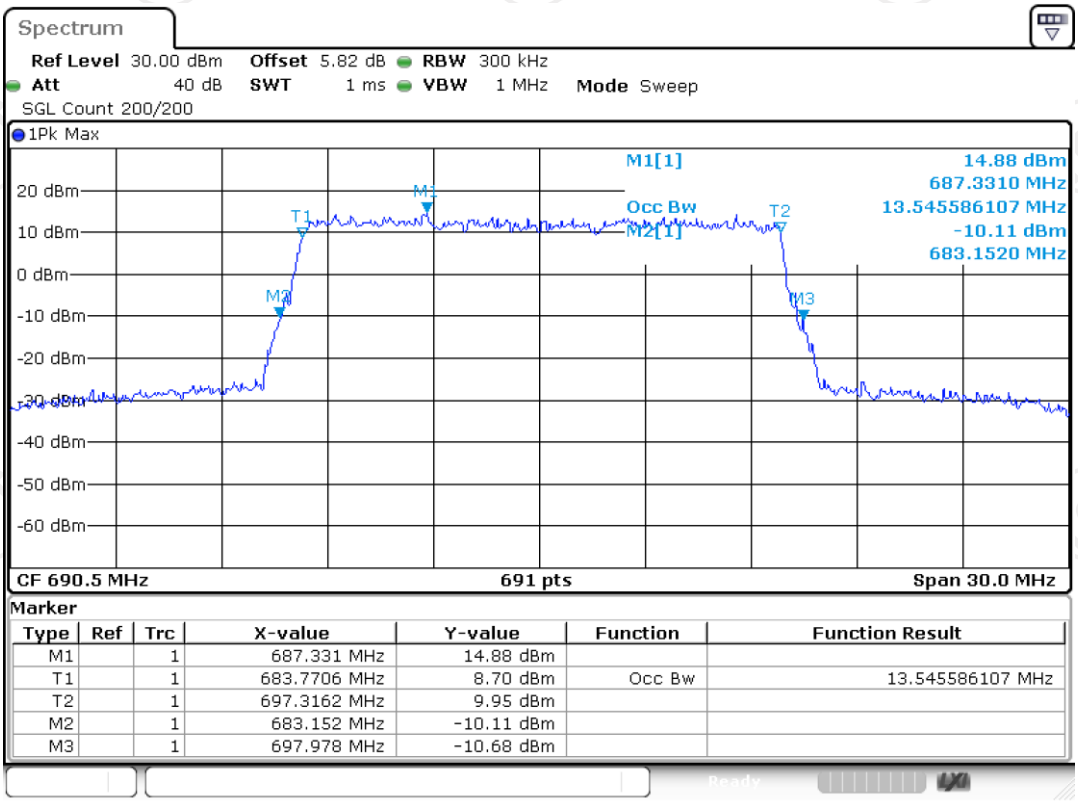


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	679.284 MHz	13.71 dBm		
T1		1	673.7706 MHz	7.19 dBm	Occ Bw	13.502170767 MHz
T2		1	687.2728 MHz	7.98 dBm		
M2		1	673.196 MHz	-11.38 dBm		
M3		1	687.717 MHz	-5.04 dBm		

Date: 14.JUN.2023 13:14:46

Band71 QPSK BW=15MHz Channel=133397 RB Size=75 Position=#0

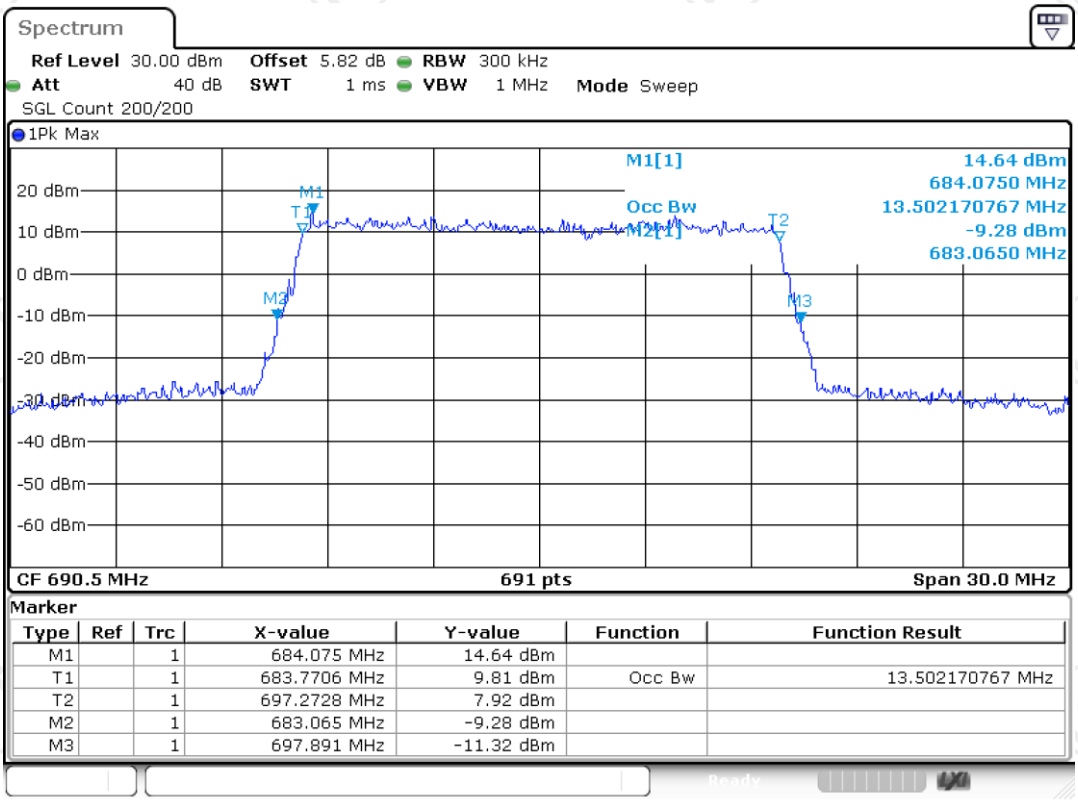


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	687.331 MHz	14.88 dBm		
T1		1	683.7706 MHz	8.70 dBm	Occ Bw	13.545586107 MHz
T2		1	697.3162 MHz	9.95 dBm		
M2		1	683.152 MHz	-10.11 dBm		
M3		1	697.978 MHz	-10.68 dBm		

Date: 14.JUN.2023 13:14:51

Band71 16QAM BW=15MHz Channel=133397 RB Size=75 Position=#0

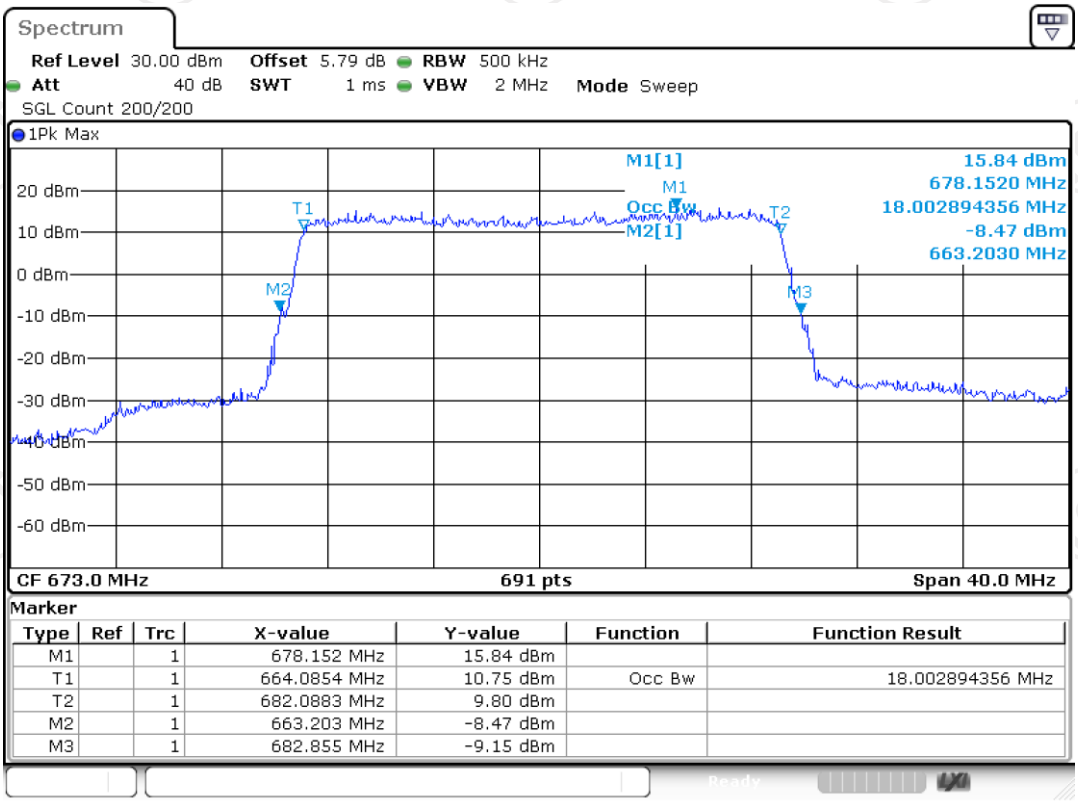


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	684.075 MHz	14.64 dBm		
T1		1	683.7706 MHz	9.81 dBm	Occ Bw	13.502170767 MHz
T2		1	697.2728 MHz	7.92 dBm		
M2		1	683.065 MHz	-9.28 dBm		
M3		1	697.891 MHz	-11.32 dBm		

Date: 14.JUN.2023 13:14:56

Band71 QPSK BW=20MHz Channel=133222 RB Size=100 Position=#0

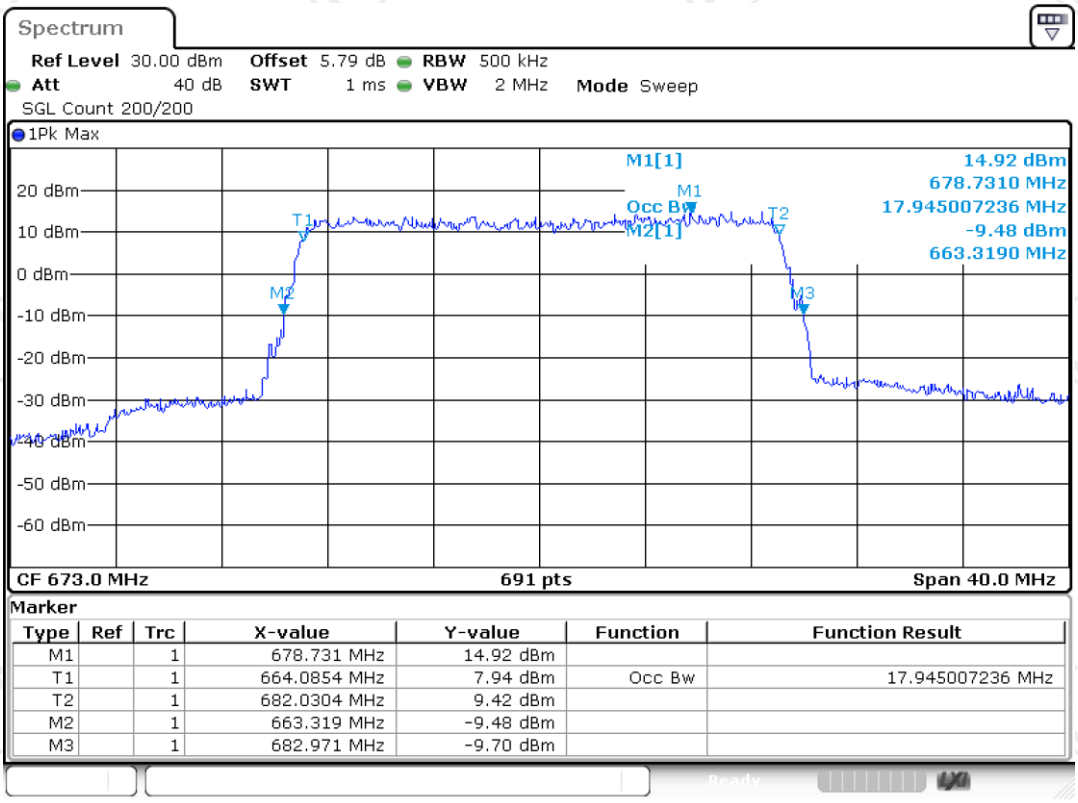


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	678.152 MHz	15.84 dBm		
T1		1	664.0854 MHz	10.75 dBm	Occ Bw	18.002894356 MHz
T2		1	682.0883 MHz	9.80 dBm		
M2		1	663.203 MHz	-8.47 dBm		
M3		1	682.855 MHz	-9.15 dBm		

Date: 14.JUN.2023 13:15:02

Band71 16QAM BW=20MHz Channel=133222 RB Size=100 Position=#0

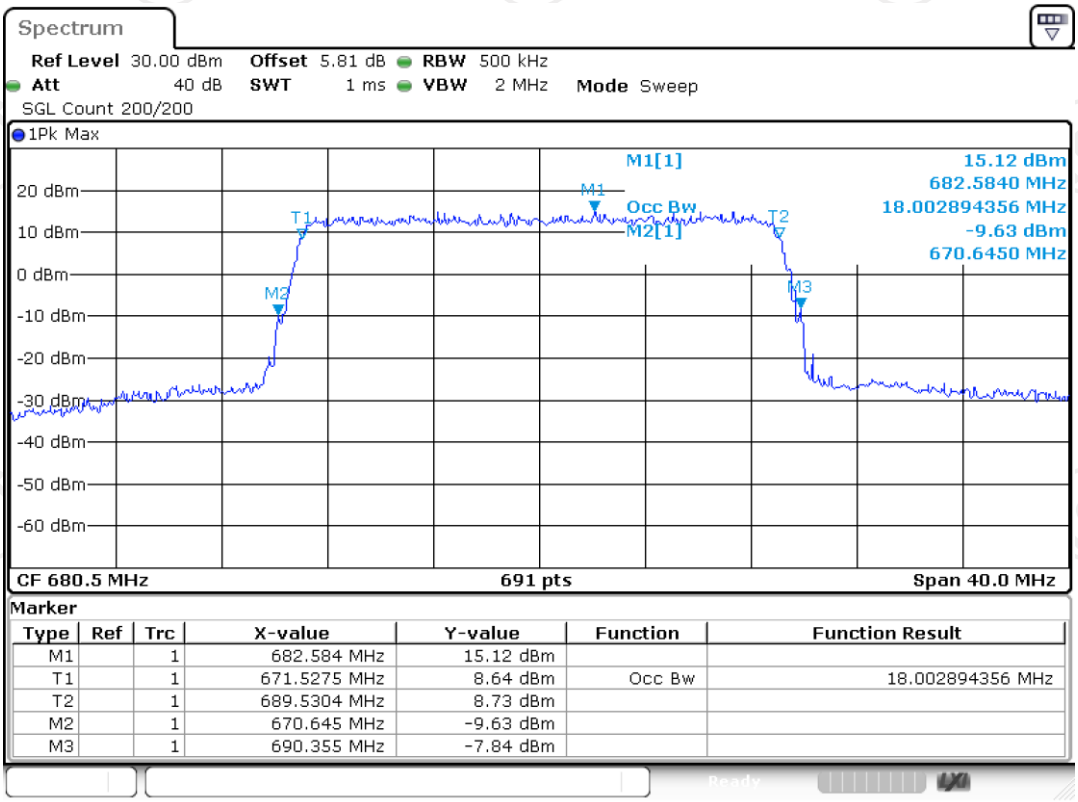


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	678.731 MHz	14.92 dBm		
T1		1	664.0854 MHz	7.94 dBm	Occ Bw	17.945007236 MHz
T2		1	682.0304 MHz	9.42 dBm		
M2		1	663.319 MHz	-9.48 dBm		
M3		1	682.971 MHz	-9.70 dBm		

Date: 14.JUN.2023 13:15:07

Band71 QPSK BW=20MHz Channel=133297 RB Size=100 Position=#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	682.584 MHz	15.12 dBm		
T1		1	671.5275 MHz	8.64 dBm	Occ Bw	18.002894356 MHz
T2		1	689.5304 MHz	8.73 dBm		
M2		1	670.645 MHz	-9.63 dBm		
M3		1	690.355 MHz	-7.84 dBm		

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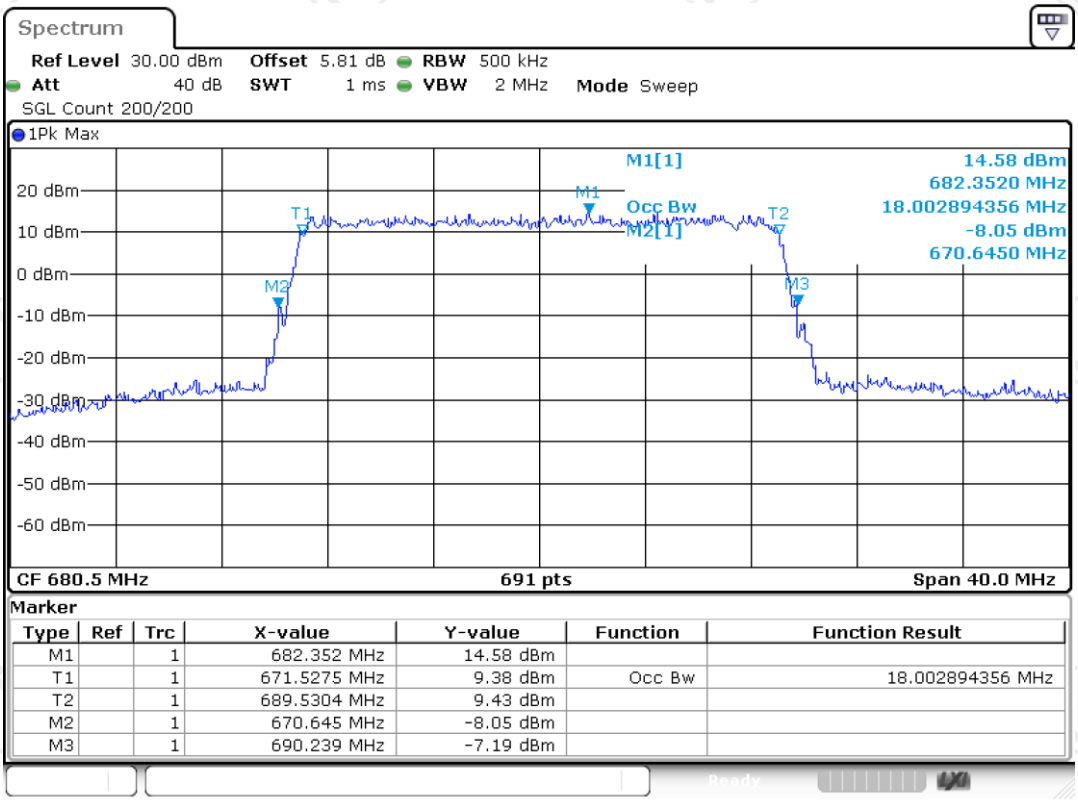
Band71 16QAM BW=20MHz Channel=133297 RB Size=100 Position=#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	682.352 MHz	14.58 dBm		
T1		1	671.5275 MHz	9.38 dBm	Occ Bw	18.002894356 MHz
T2		1	689.5304 MHz	9.43 dBm		
M2		1	670.645 MHz	-8.05 dBm		
M3		1	690.239 MHz	-7.19 dBm		

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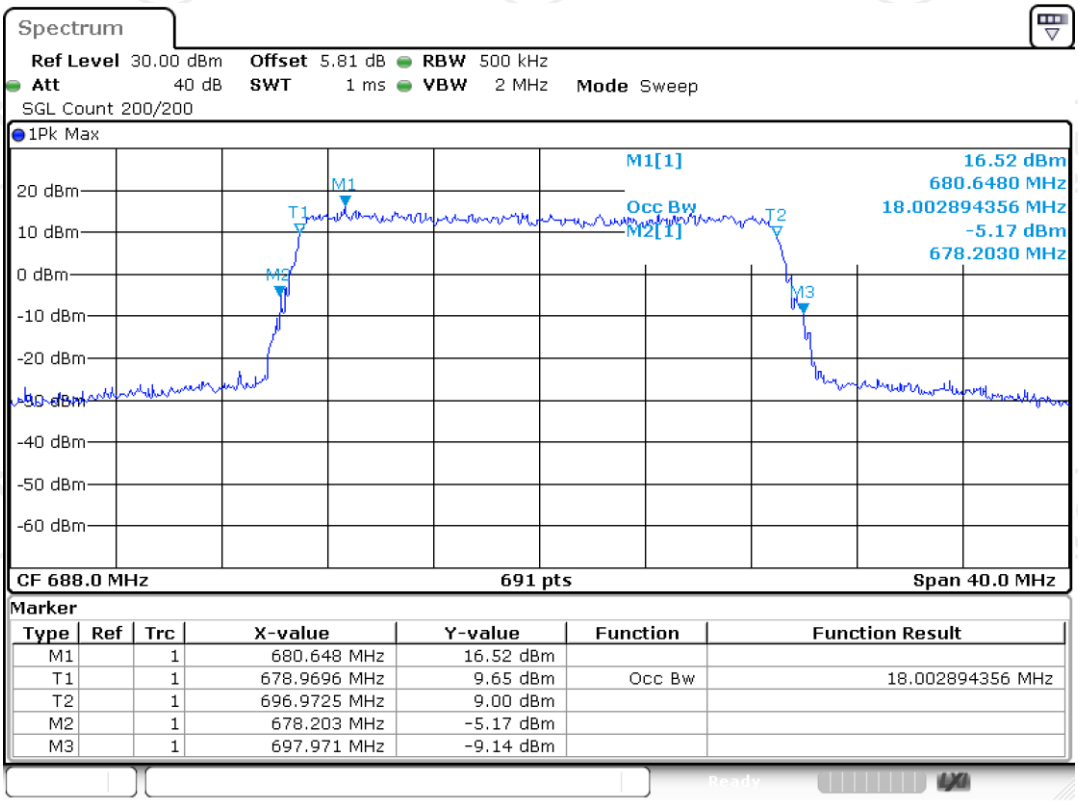
Band71 QPSK BW=20MHz Channel=133372 RB Size=100 Position=#0

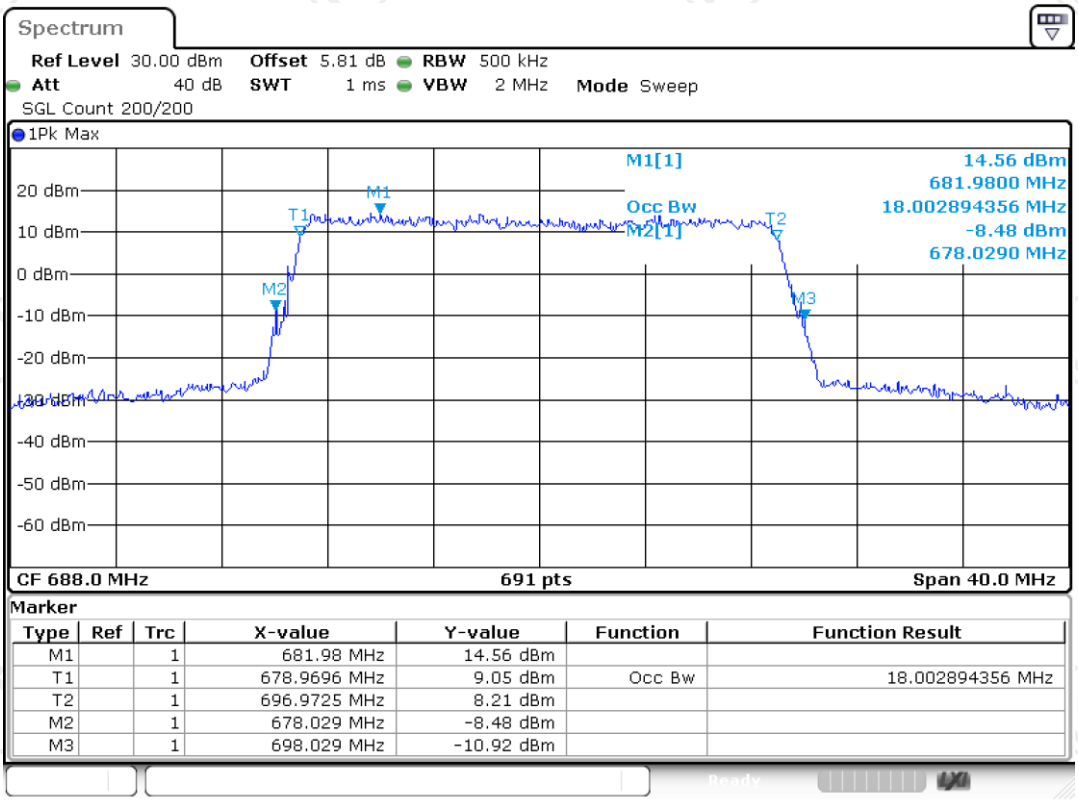


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	680.648 MHz	16.52 dBm		
T1		1	678.9696 MHz	9.65 dBm	Occ Bw	18.002894356 MHz
T2		1	696.9725 MHz	9.00 dBm		
M2		1	678.203 MHz	-5.17 dBm		
M3		1	697.971 MHz	-9.14 dBm		

Date: 14.JUN.2023 13:15:23

Band71 16QAM BW=20MHz Channel=133372 RB Size=100 Position=#0



Marker

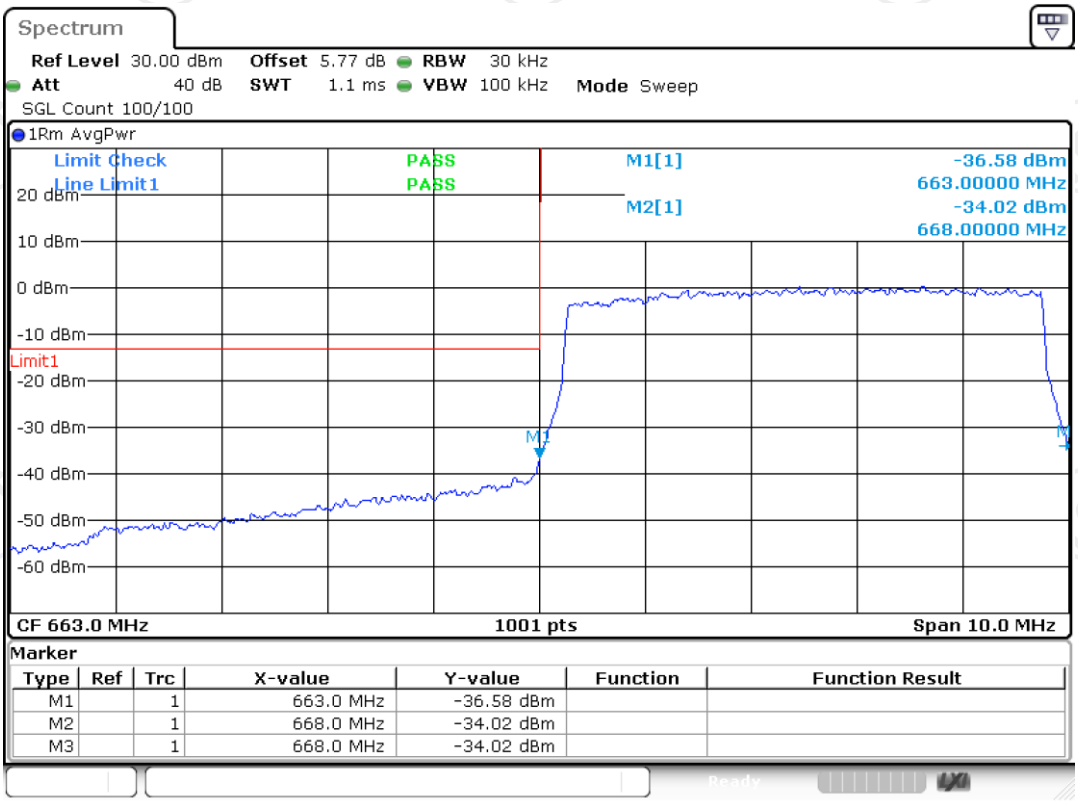
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	681.98 MHz	14.56 dBm		
T1		1	678.9696 MHz	9.05 dBm	Occ Bw	18.002894356 MHz
T2		1	696.9725 MHz	8.21 dBm		
M2		1	678.029 MHz	-8.48 dBm		
M3		1	698.029 MHz	-10.92 dBm		

Date: 14.JUN.2023 13:15:28

5 Band edge

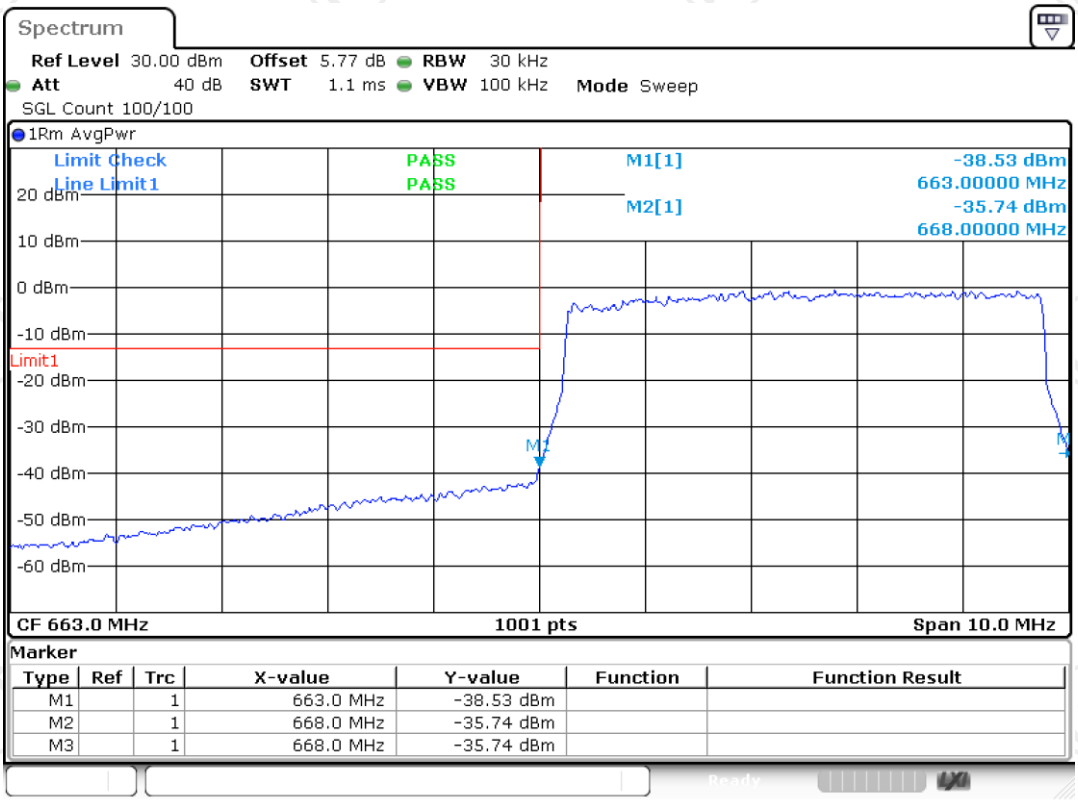
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band71	5	133147	25	#0	QPSK	663.00	-36.58	-13	PASS
Band71	5	133147	25	#0	16QAM	663.00	-38.53	-13	PASS
Band71	5	133447	25	#0	QPSK	698.00	-35.55	-13	PASS
Band71	5	133447	25	#0	16QAM	698.00	-35.40	-13	PASS
Band71	10	133172	50	#0	QPSK	663.00	-43.01	-13	PASS
Band71	10	133172	50	#0	16QAM	655.86	-49.63	-13	PASS
Band71	10	133422	50	#0	QPSK	698.00	-41.24	-13	PASS
Band71	10	133422	50	#0	16QAM	698.02	-40.89	-13	PASS
Band71	15	133197	75	#0	QPSK	663.00	-43.95	-13	PASS
Band71	15	133197	75	#0	16QAM	663.00	-44.11	-13	PASS
Band71	15	133397	75	#0	QPSK	698.00	-40.87	-13	PASS
Band71	15	133397	75	#0	16QAM	698.00	-41.89	-13	PASS
Band71	20	133222	100	#0	QPSK	663.00	-46.46	-13	PASS
Band71	20	133222	100	#0	16QAM	663.00	-46.39	-13	PASS
Band71	20	133372	100	#0	QPSK	698.04	-44.85	-13	PASS
Band71	20	133372	100	#0	16QAM	698.00	-45.64	-13	PASS

Band71 QPSK BW=5MHz Channel=133147 RB Size=25 Position=#0



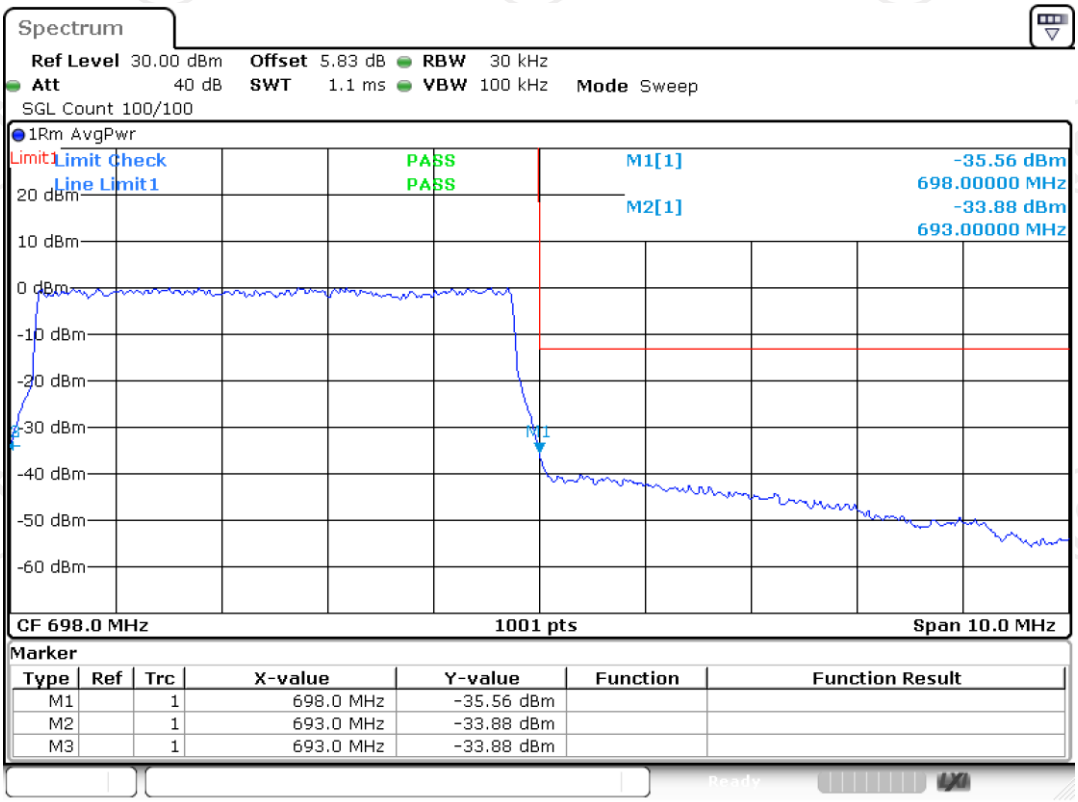
Date: 14.JUN.2023 13:15:54

Band71 16QAM BW=5MHz Channel=133147 RB Size=25 Position=#0

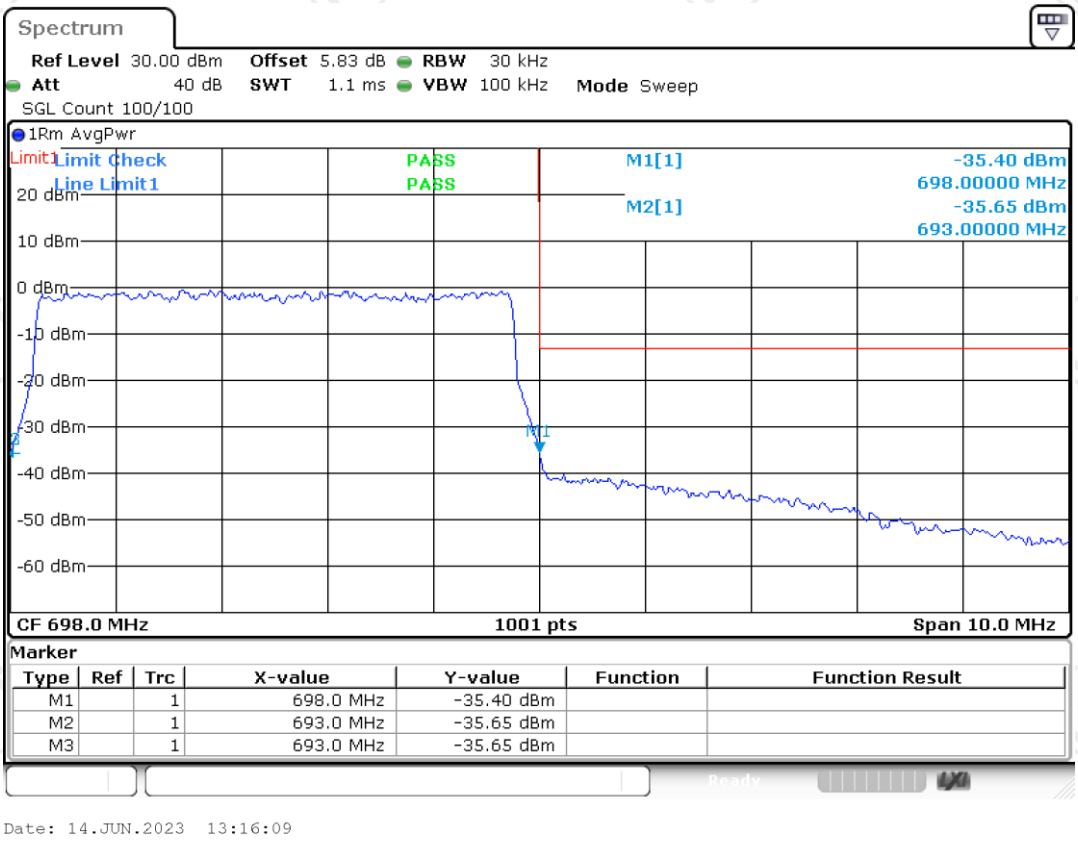


Date: 14.JUN.2023 13:15:59

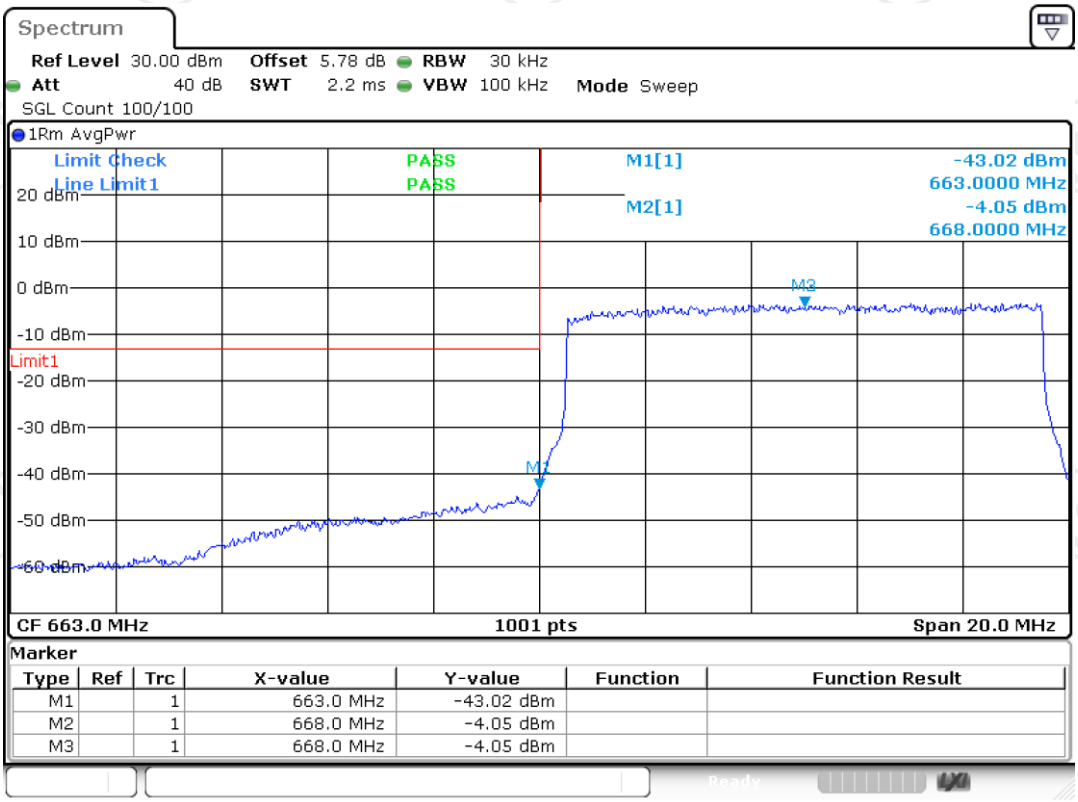
Band71 QPSK BW=5MHz Channel=133447 RB Size=25 Position=#0



Band71 16QAM BW=5MHz Channel=133447 RB Size=25 Position=#0

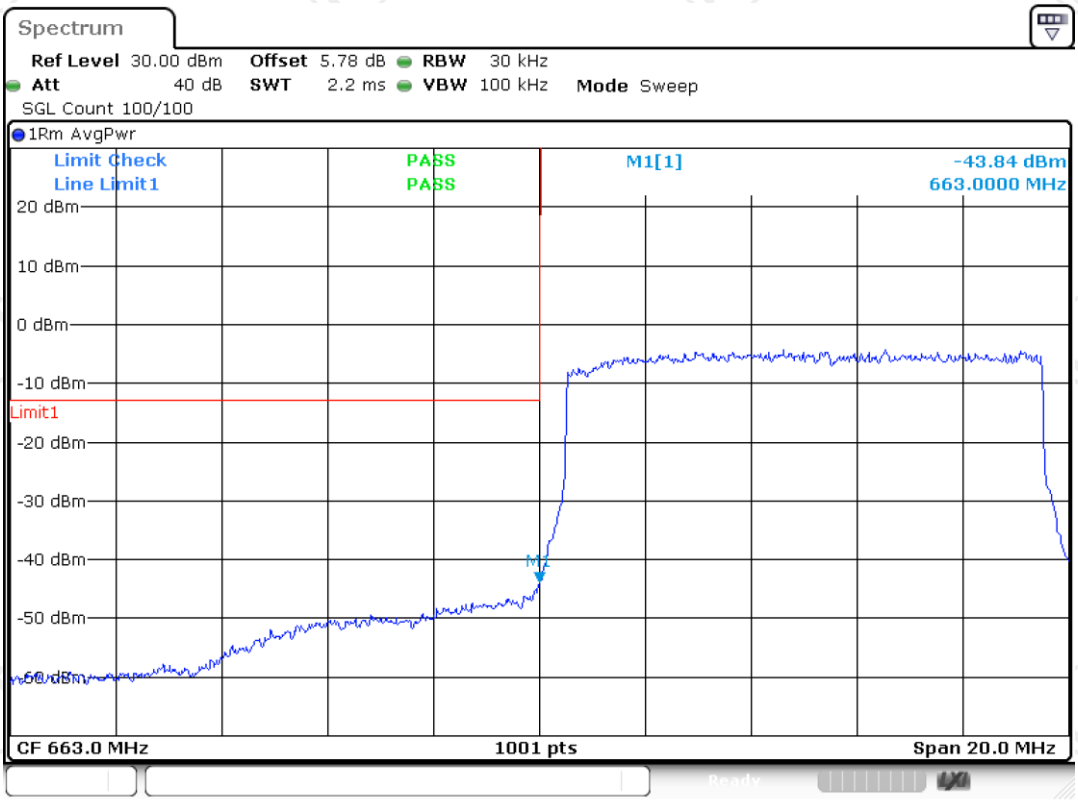


Band71 QPSK BW=10MHz Channel=133172 RB Size=50 Position=#0



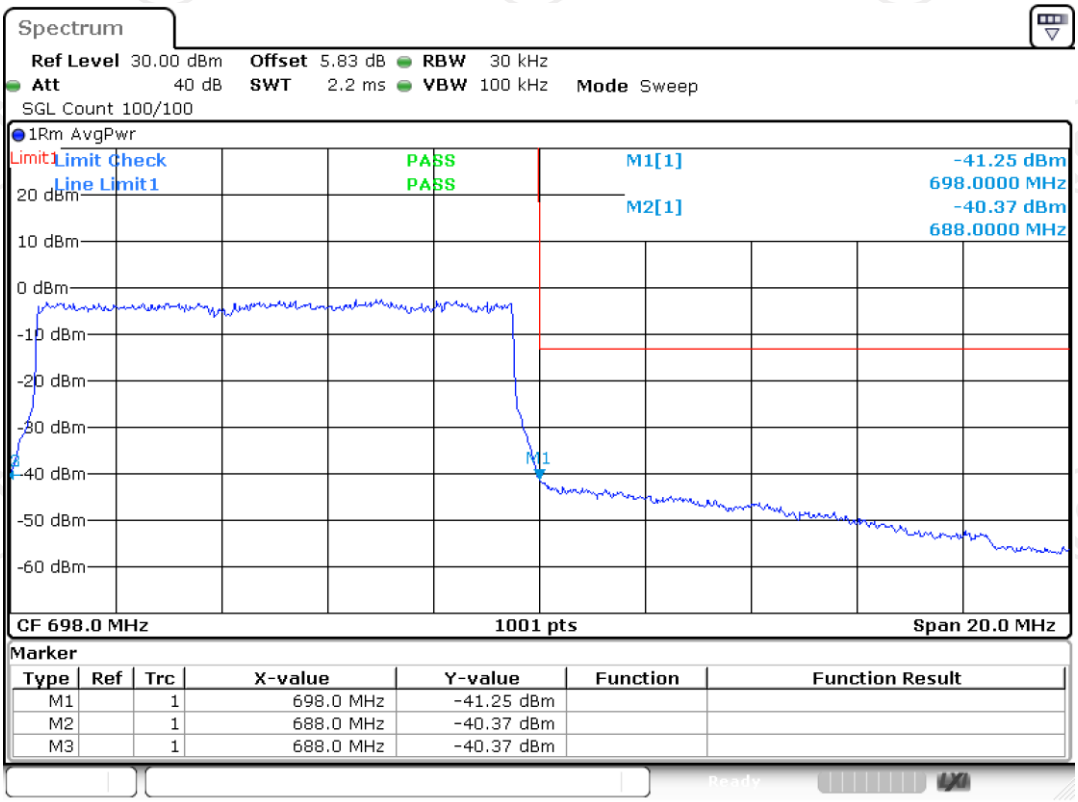
Date: 14.JUN.2023 13:16:15

Band71 16QAM BW=10MHz Channel=133172 RB Size=50 Position=#0



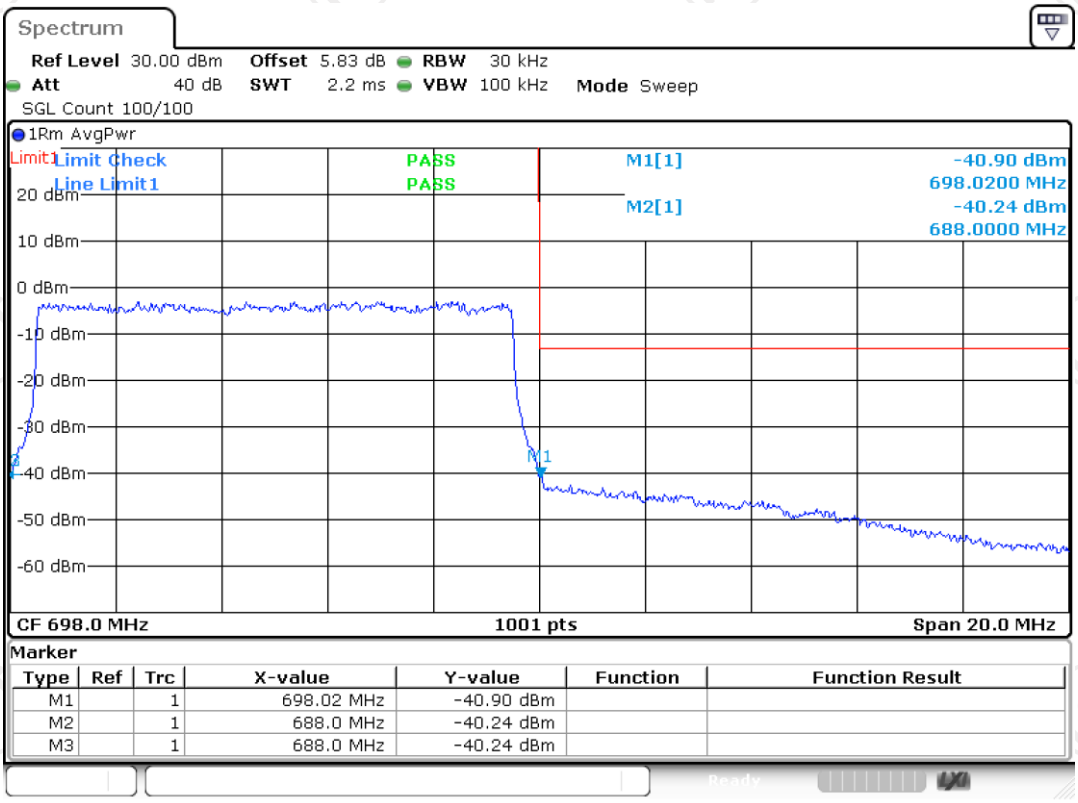
Date: 28.JUN.2023 16:54:05

Band71 QPSK BW=10MHz Channel=133422 RB Size=50 Position=#0



Date: 14.JUN.2023 13:16:43

Band71 16QAM BW=10MHz Channel=133422 RB Size=50 Position=#0



Date: 14.JUN.2023 13:16:49