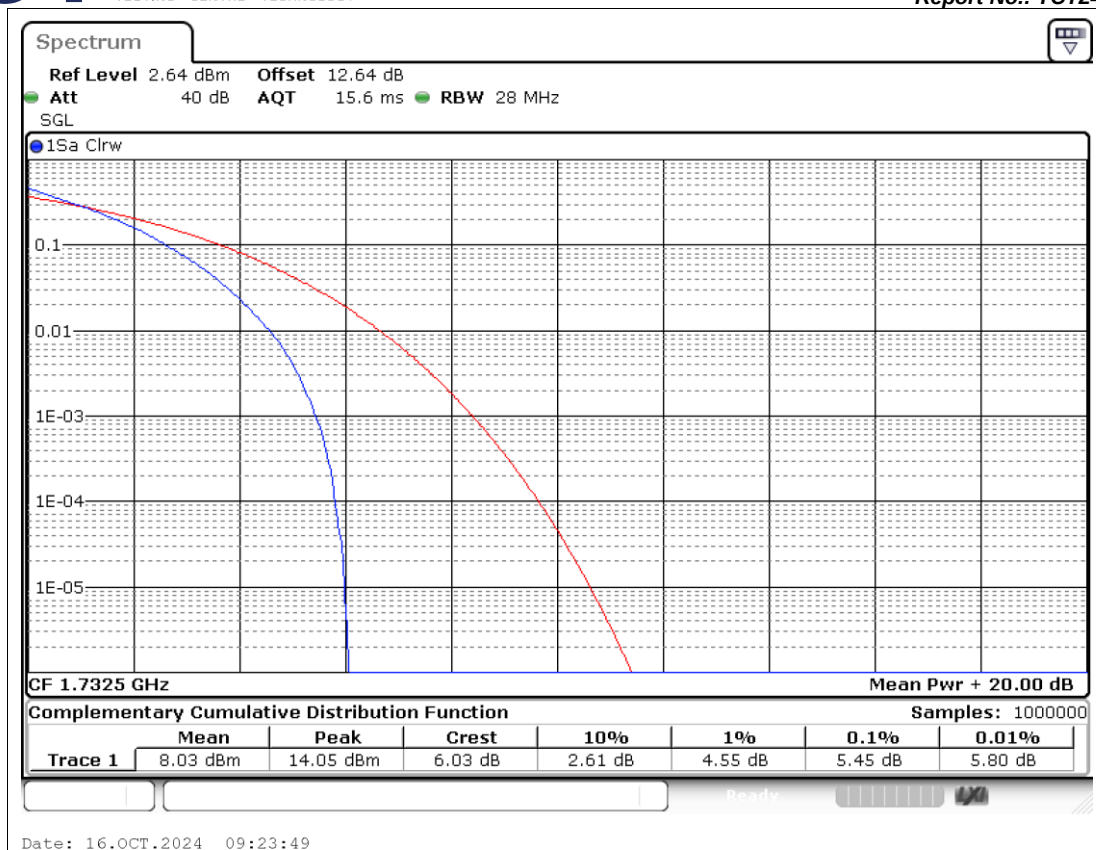
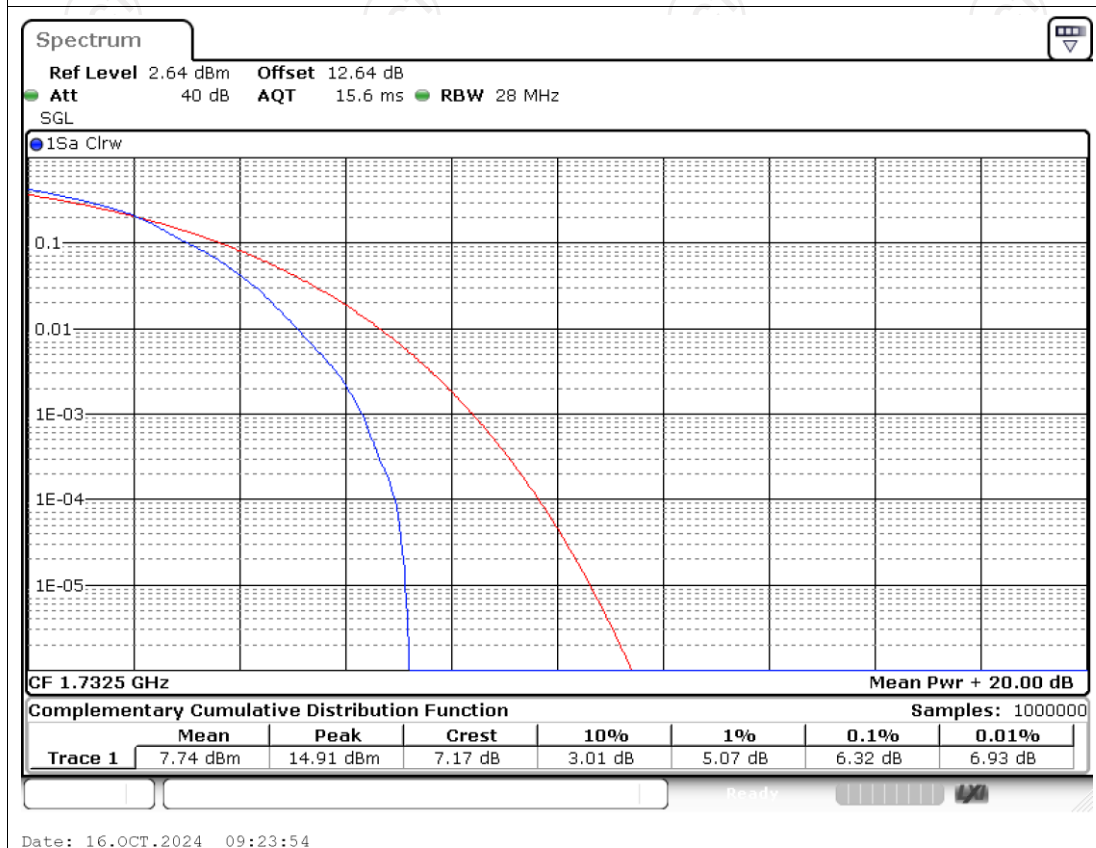
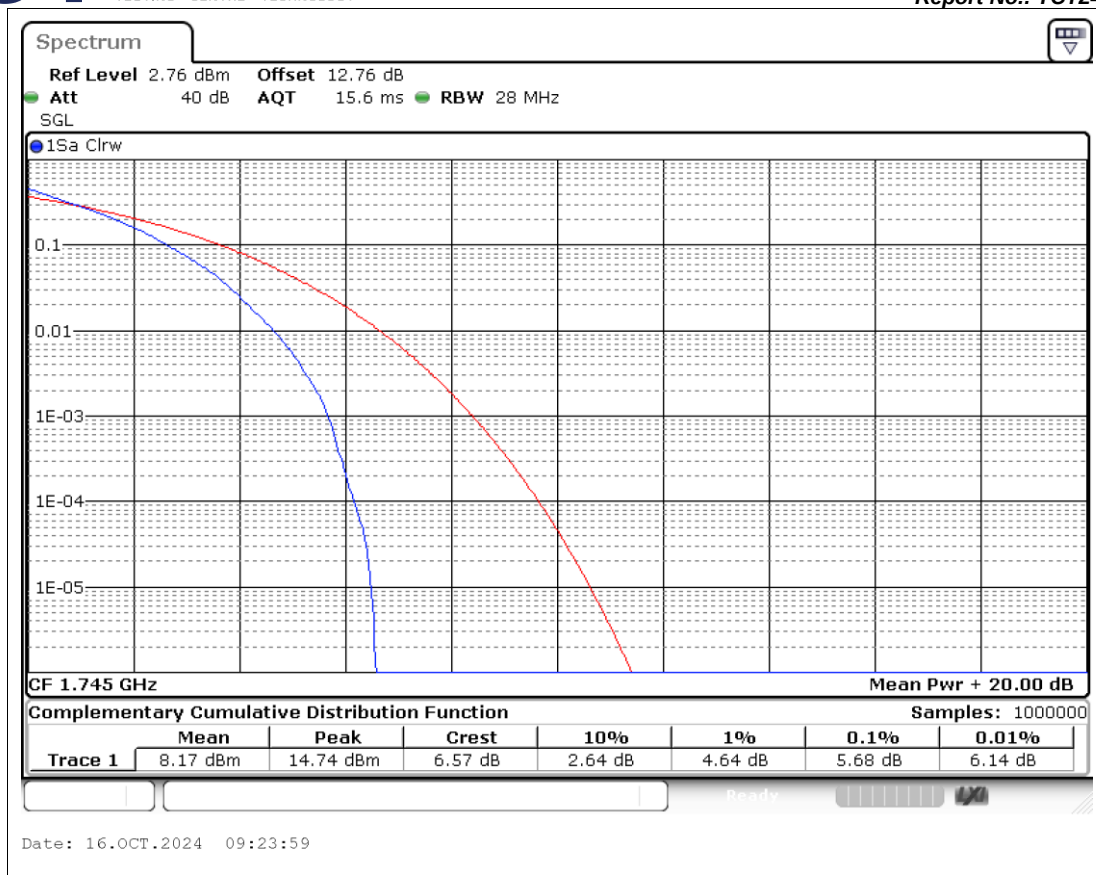




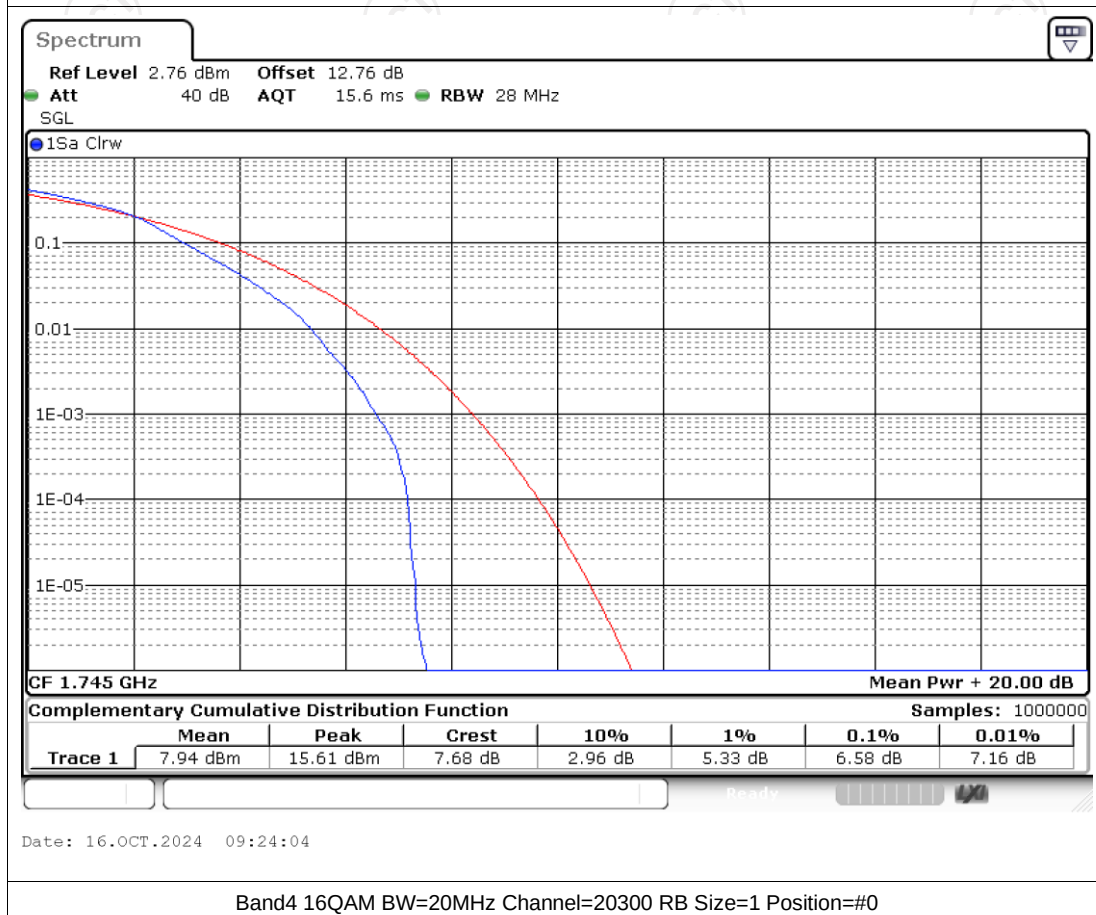
Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



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



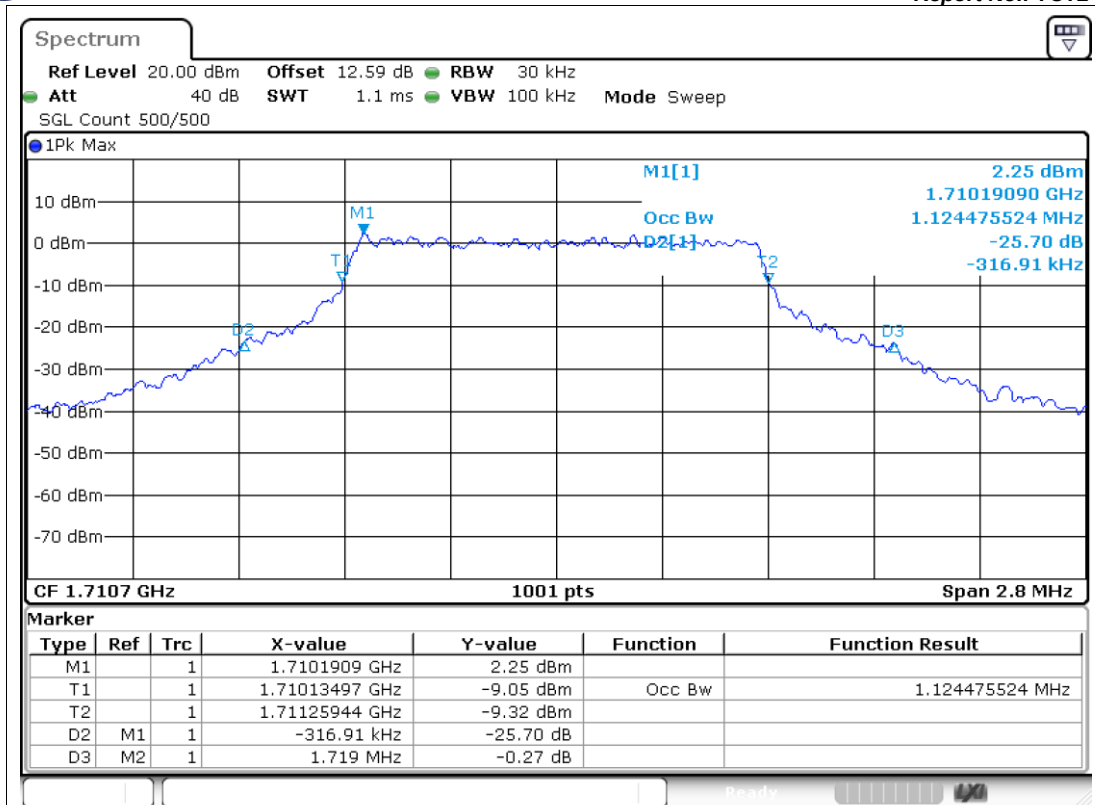
Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0



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

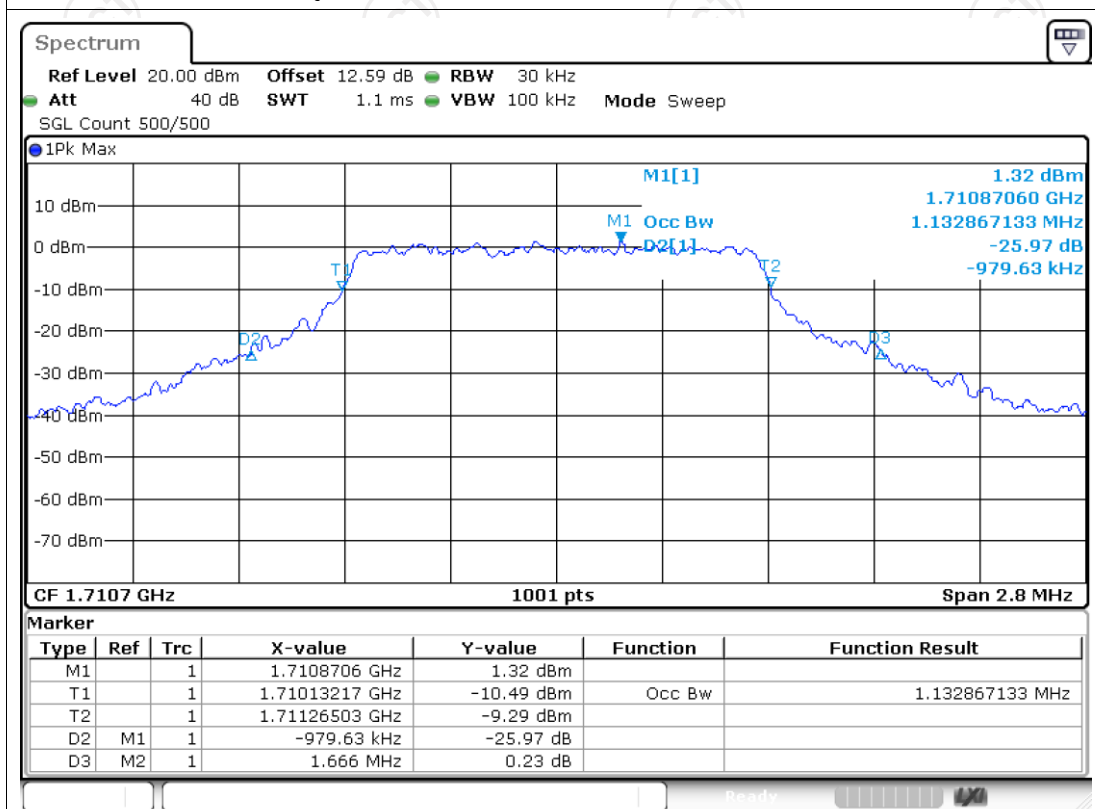
04. Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QPSK	1.124	1.719	PASS
Band4	1.4	19957	6	#0	16QAM	1.133	1.666	PASS
Band4	1.4	20175	6	#0	QPSK	1.119	1.641	PASS
Band4	1.4	20175	6	#0	16QAM	1.133	1.677	PASS
Band4	1.4	20393	6	#0	QPSK	1.127	1.660	PASS
Band4	1.4	20393	6	#0	16QAM	1.144	1.669	PASS
Band4	3	19965	15	#0	QPSK	2.751	3.318	PASS
Band4	3	19965	15	#0	16QAM	2.751	3.312	PASS
Band4	3	20175	15	#0	QPSK	2.757	3.252	PASS
Band4	3	20175	15	#0	16QAM	2.745	3.408	PASS
Band4	3	20385	15	#0	QPSK	2.769	3.348	PASS
Band4	3	20385	15	#0	16QAM	2.745	3.366	PASS
Band4	5	19975	25	#0	QPSK	4.515	5.180	PASS
Band4	5	19975	25	#0	16QAM	4.515	5.140	PASS
Band4	5	20175	25	#0	QPSK	4.525	5.170	PASS
Band4	5	20175	25	#0	16QAM	4.515	5.150	PASS
Band4	5	20375	25	#0	QPSK	4.535	5.200	PASS
Band4	5	20375	25	#0	16QAM	4.515	5.180	PASS
Band4	10	20000	50	#0	QPSK	9.051	10.340	PASS
Band4	10	20000	50	#0	16QAM	9.011	10.420	PASS
Band4	10	20175	50	#0	QPSK	9.031	10.400	PASS
Band4	10	20175	50	#0	16QAM	9.011	10.400	PASS
Band4	10	20350	50	#0	QPSK	8.991	10.360	PASS
Band4	10	20350	50	#0	16QAM	9.011	10.440	PASS
Band4	15	20025	75	#0	QPSK	13.516	15.540	PASS
Band4	15	20025	75	#0	16QAM	13.546	15.870	PASS
Band4	15	20175	75	#0	QPSK	13.636	15.900	PASS
Band4	15	20175	75	#0	16QAM	13.576	15.600	PASS
Band4	15	20325	75	#0	QPSK	13.516	15.570	PASS
Band4	15	20325	75	#0	16QAM	13.516	15.630	PASS
Band4	20	20050	100	#0	QPSK	18.022	19.720	PASS
Band4	20	20050	100	#0	16QAM	18.062	19.760	PASS
Band4	20	20175	100	#0	QPSK	18.062	20.000	PASS
Band4	20	20175	100	#0	16QAM	18.142	19.760	PASS
Band4	20	20300	100	#0	QPSK	18.022	19.880	PASS
Band4	20	20300	100	#0	16QAM	18.062	19.840	PASS



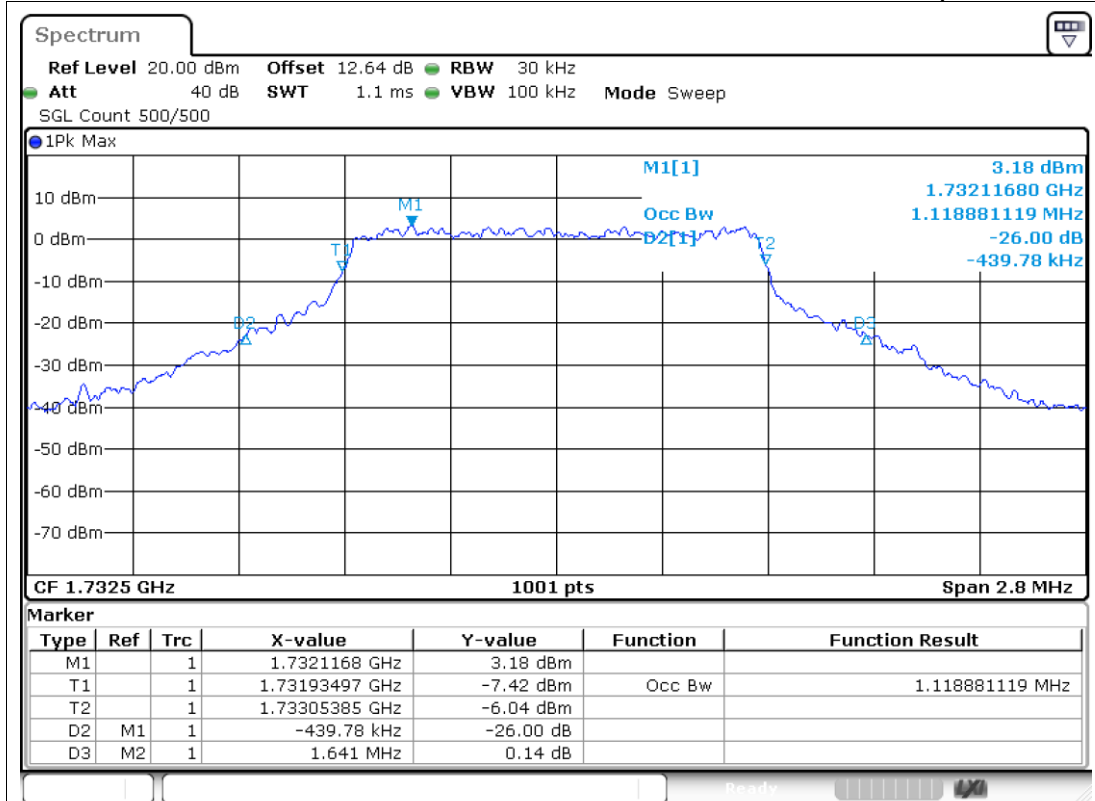
Date: 16.OCT.2024 09:24:13

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



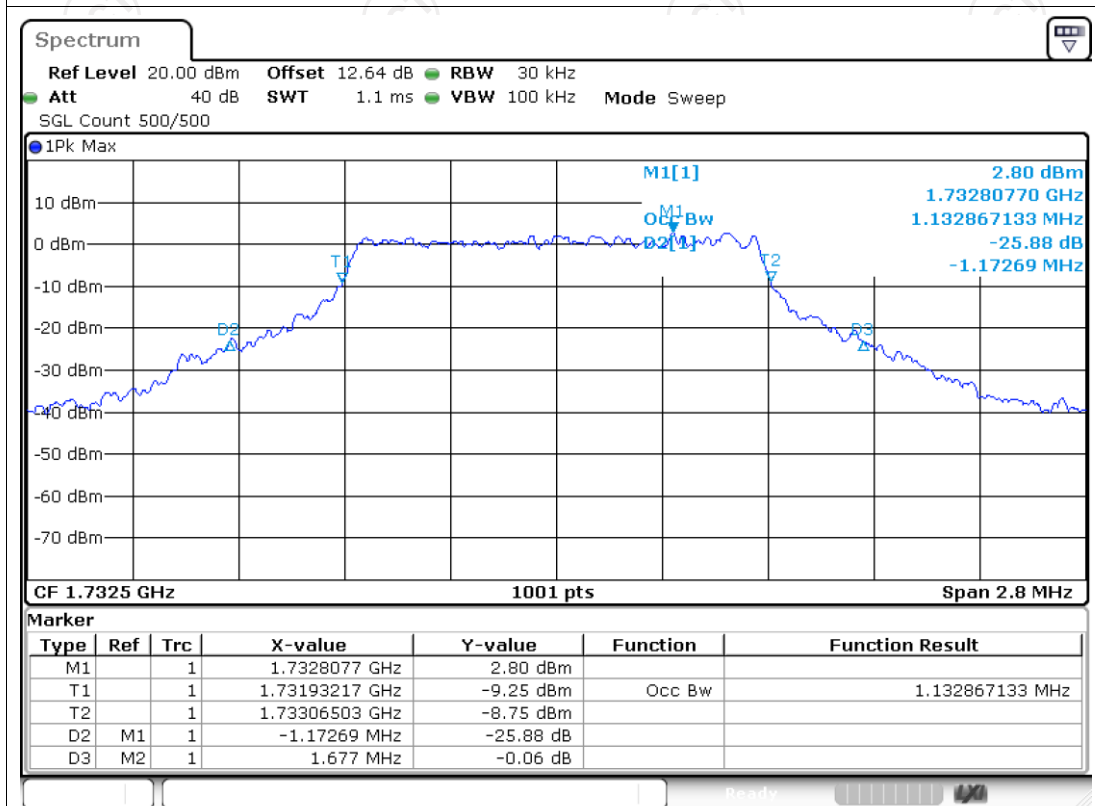
Date: 16.OCT.2024 09:24:20

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



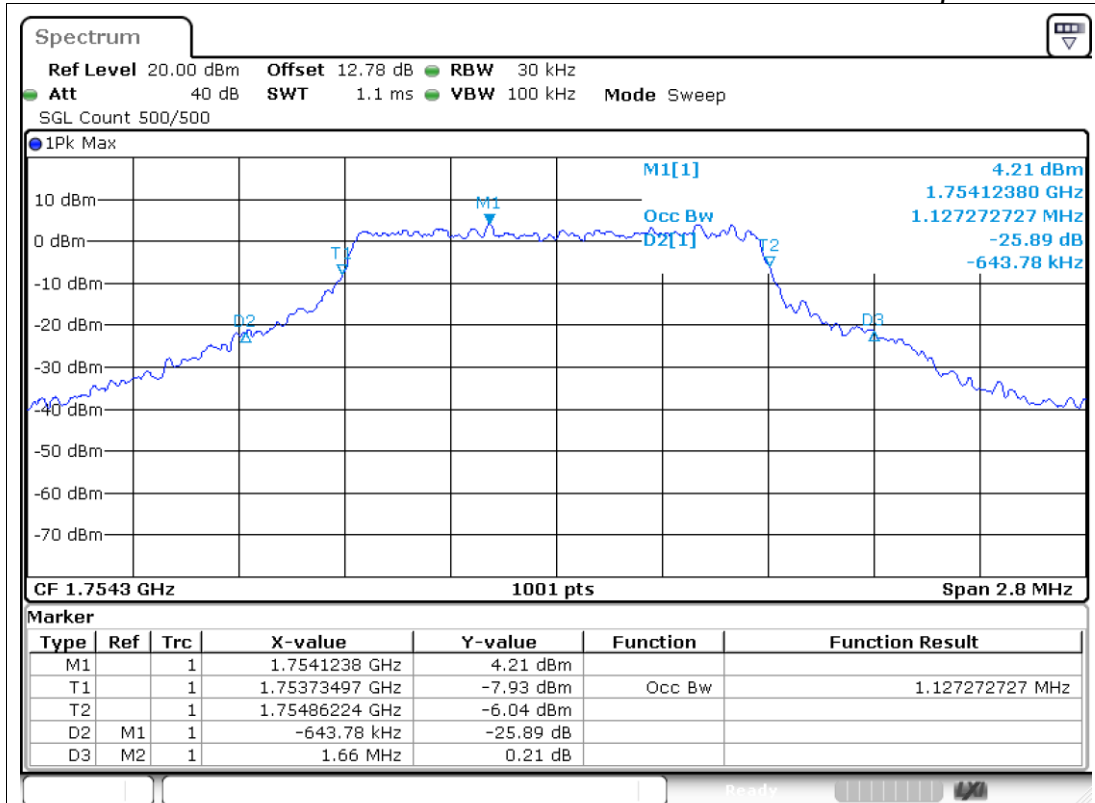
Date: 16.OCT.2024 09:24:29

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



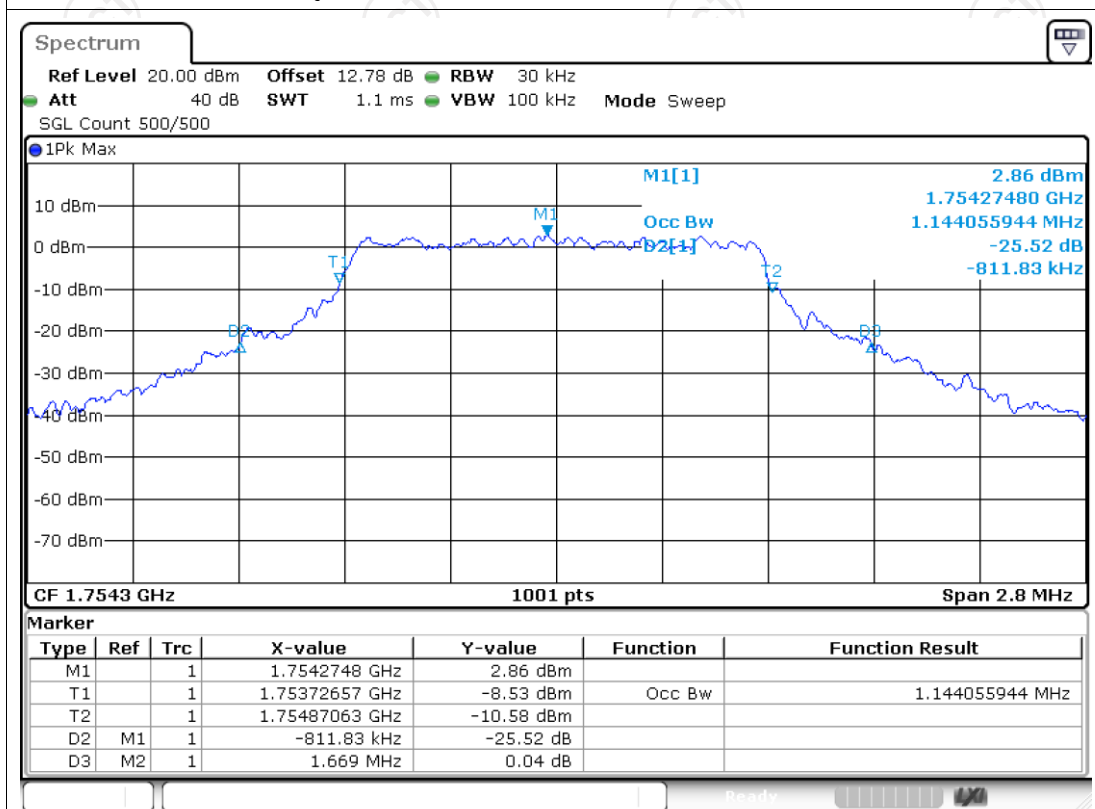
Date: 16.OCT.2024 09:24:37

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



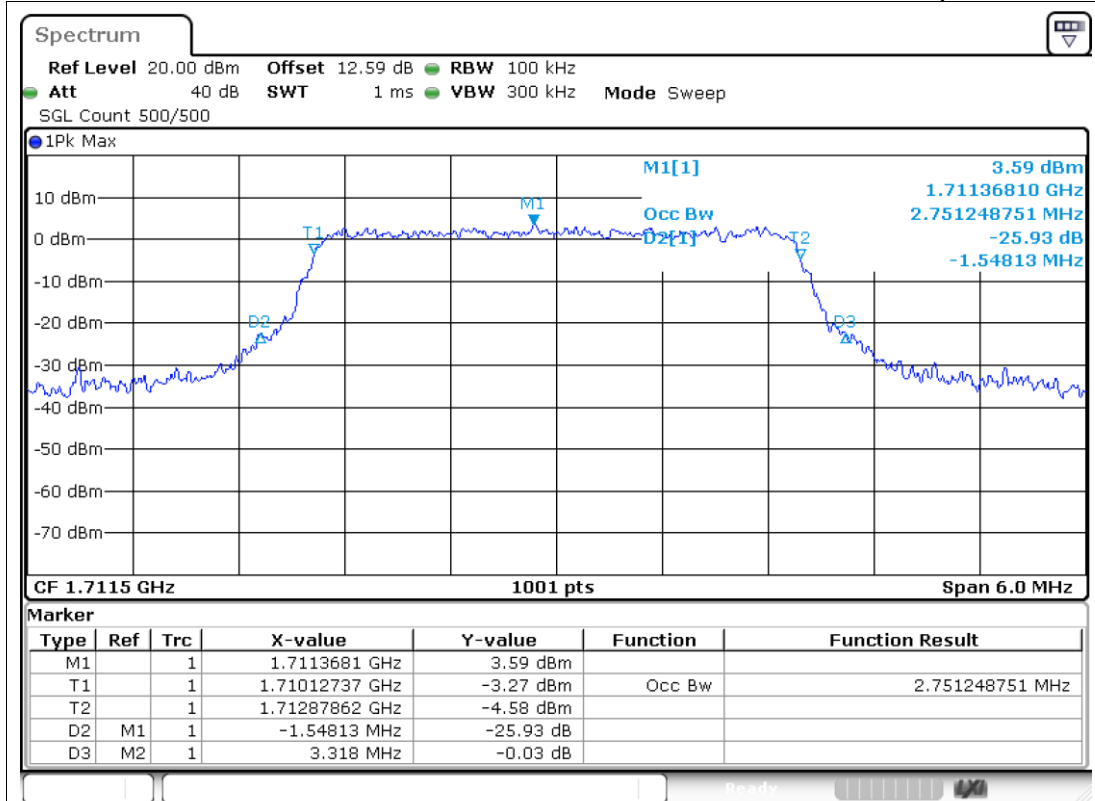
Date: 16.OCT.2024 09:24:45

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



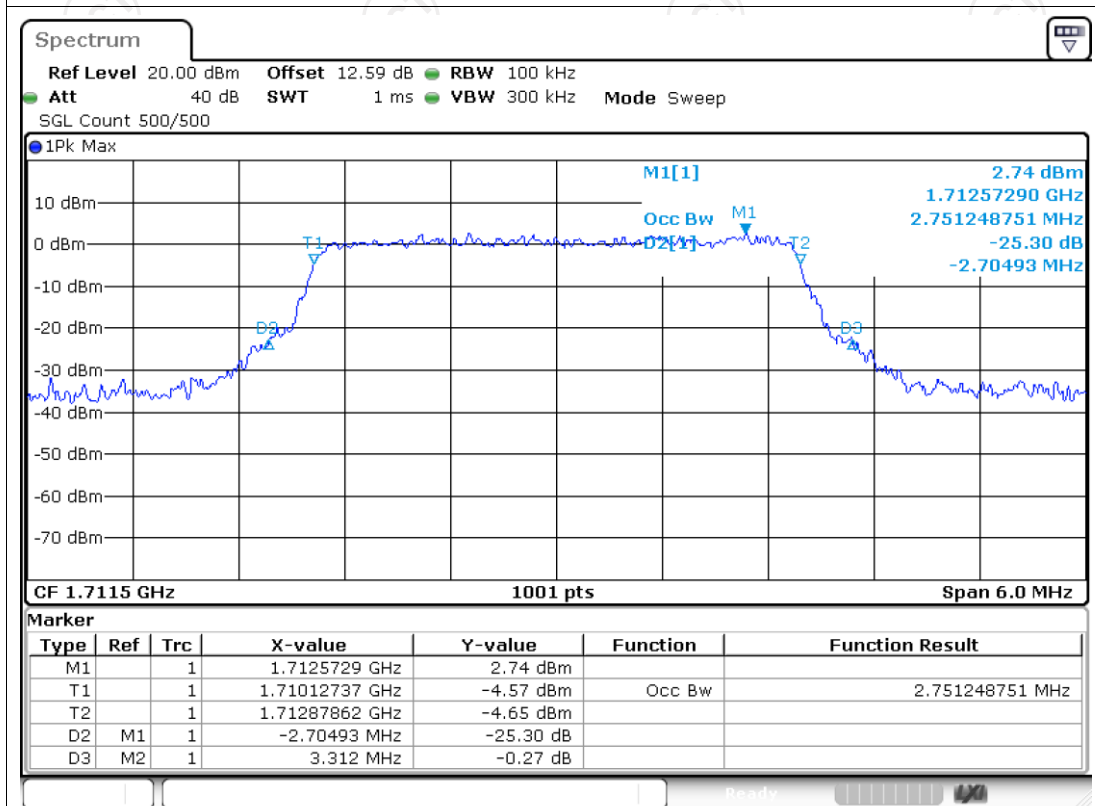
Date: 16.OCT.2024 09:24:52

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



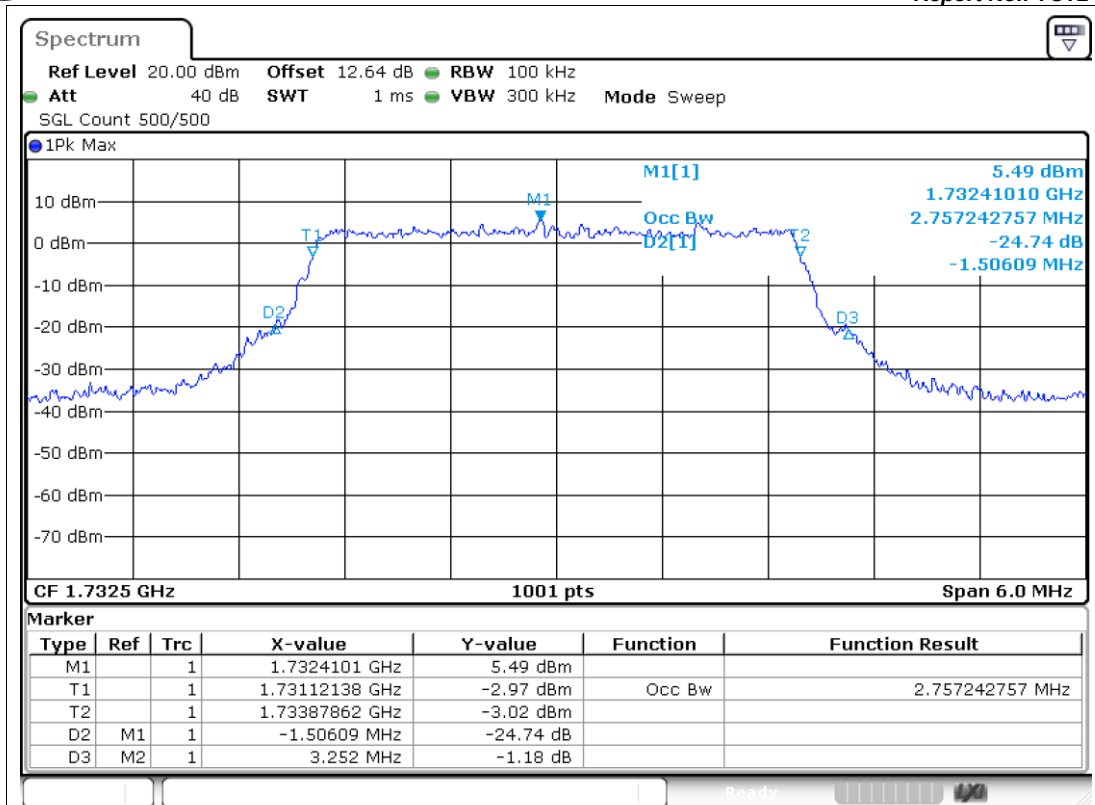
Date: 16.OCT.2024 09:25:00

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



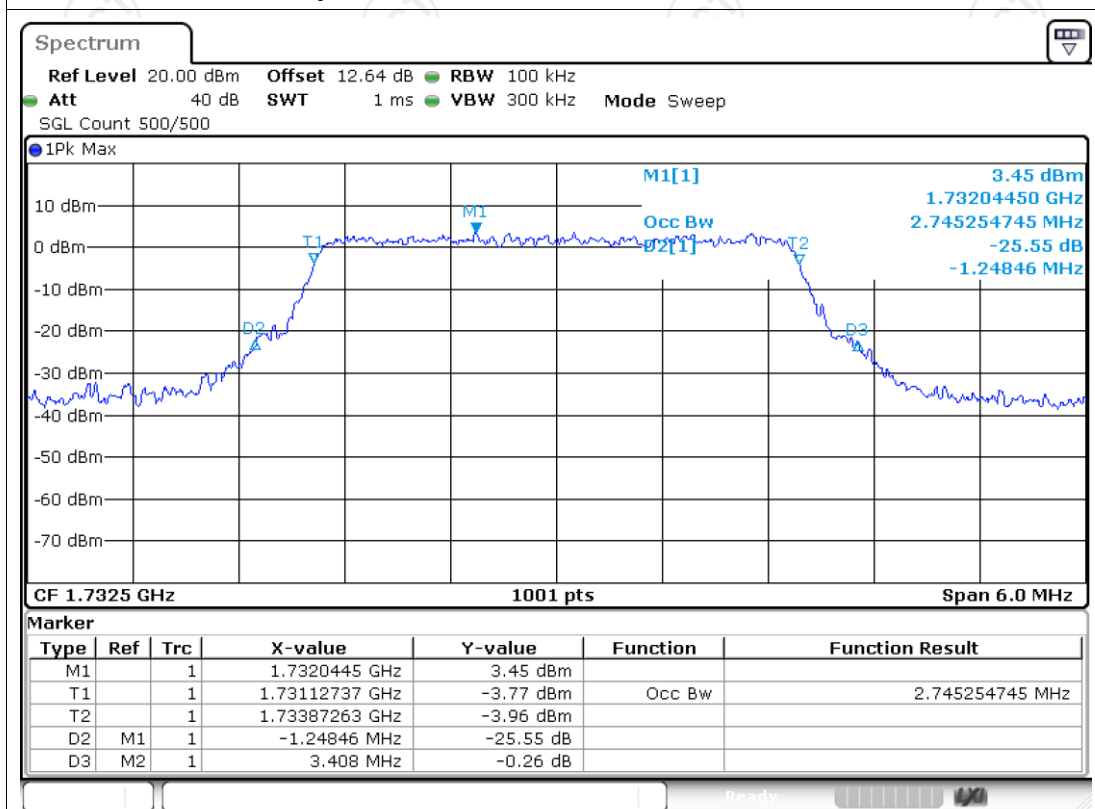
Date: 16.OCT.2024 09:25:07

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



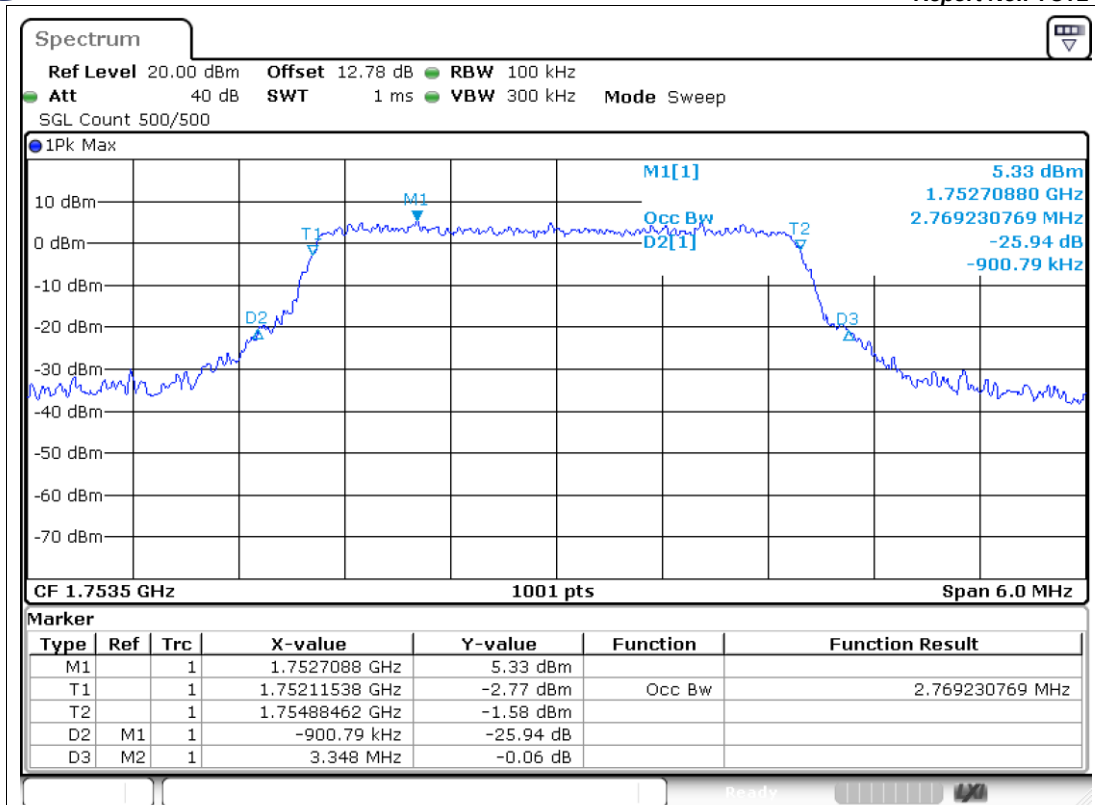
Date: 16.OCT.2024 09:25:16

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



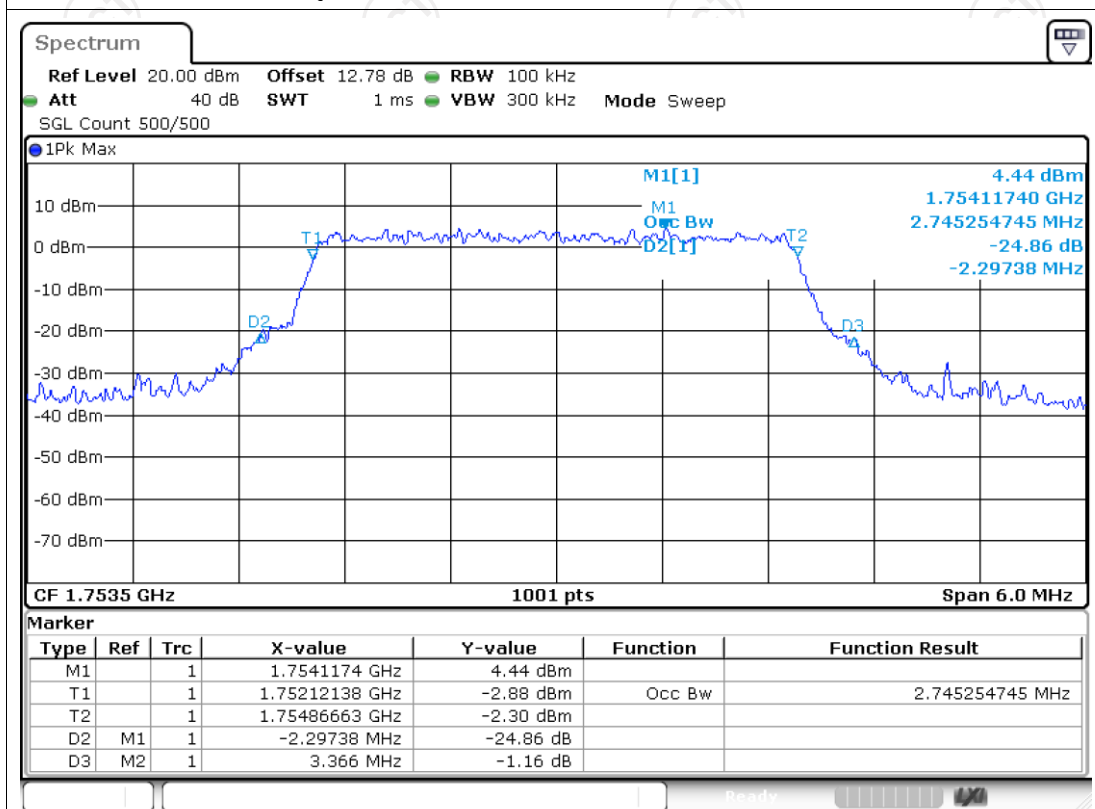
Date: 16.OCT.2024 09:25:24

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



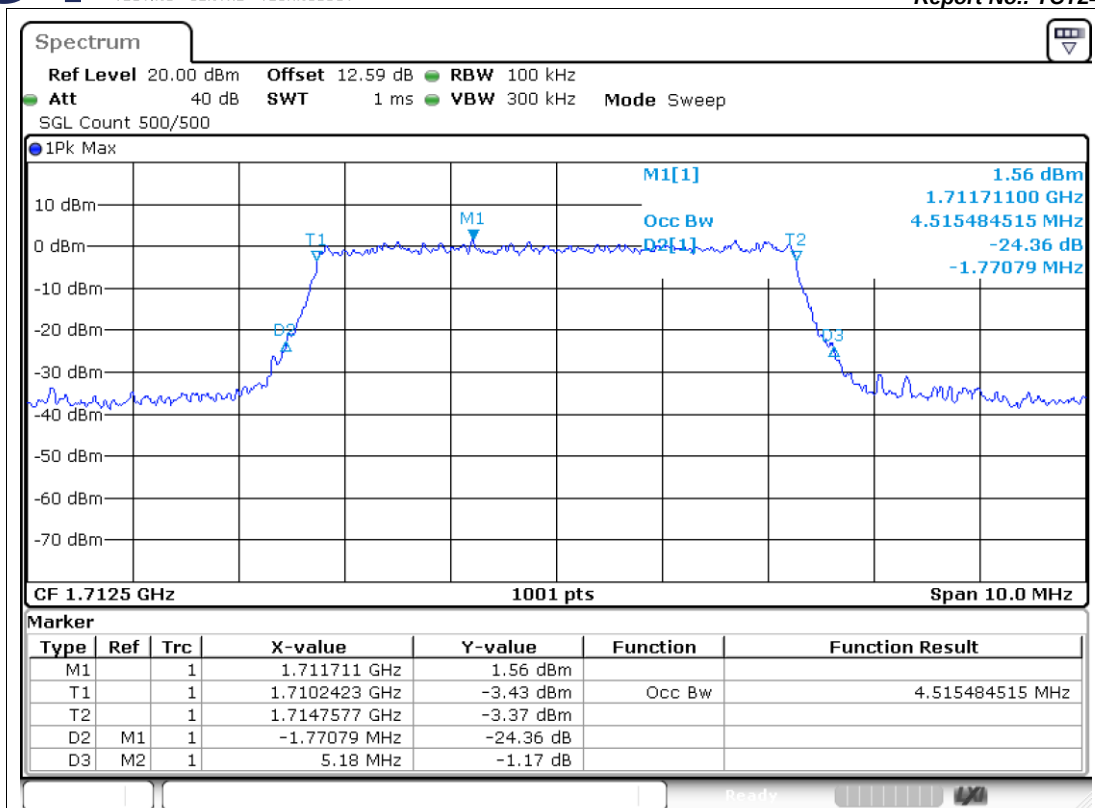
Date: 16.OCT.2024 09:25:32

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



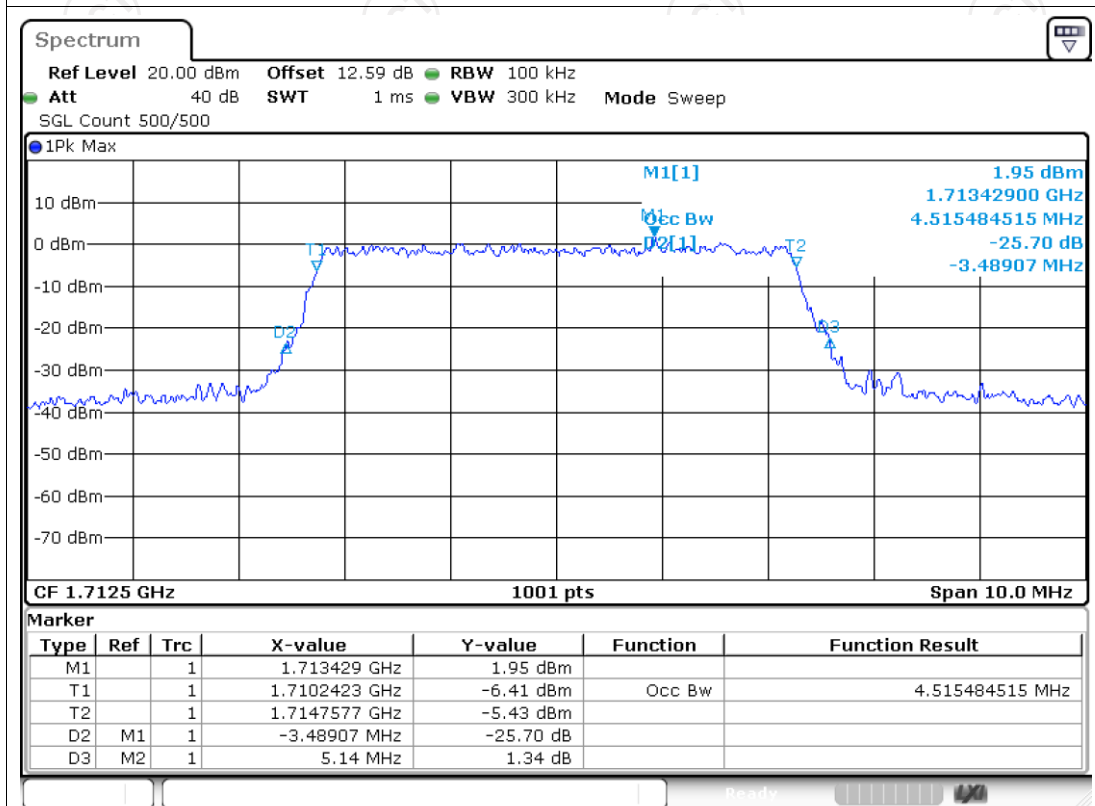
Date: 16.OCT.2024 09:25:39

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



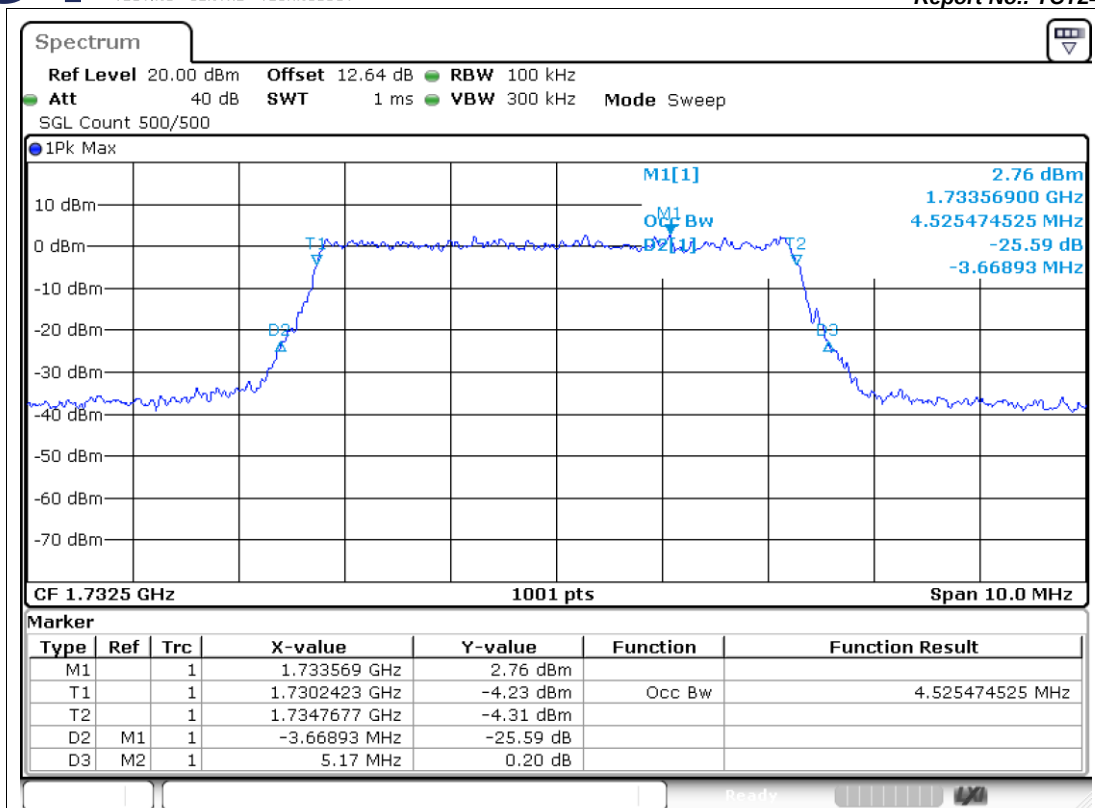
Date: 16.OCT.2024 09:25:48

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



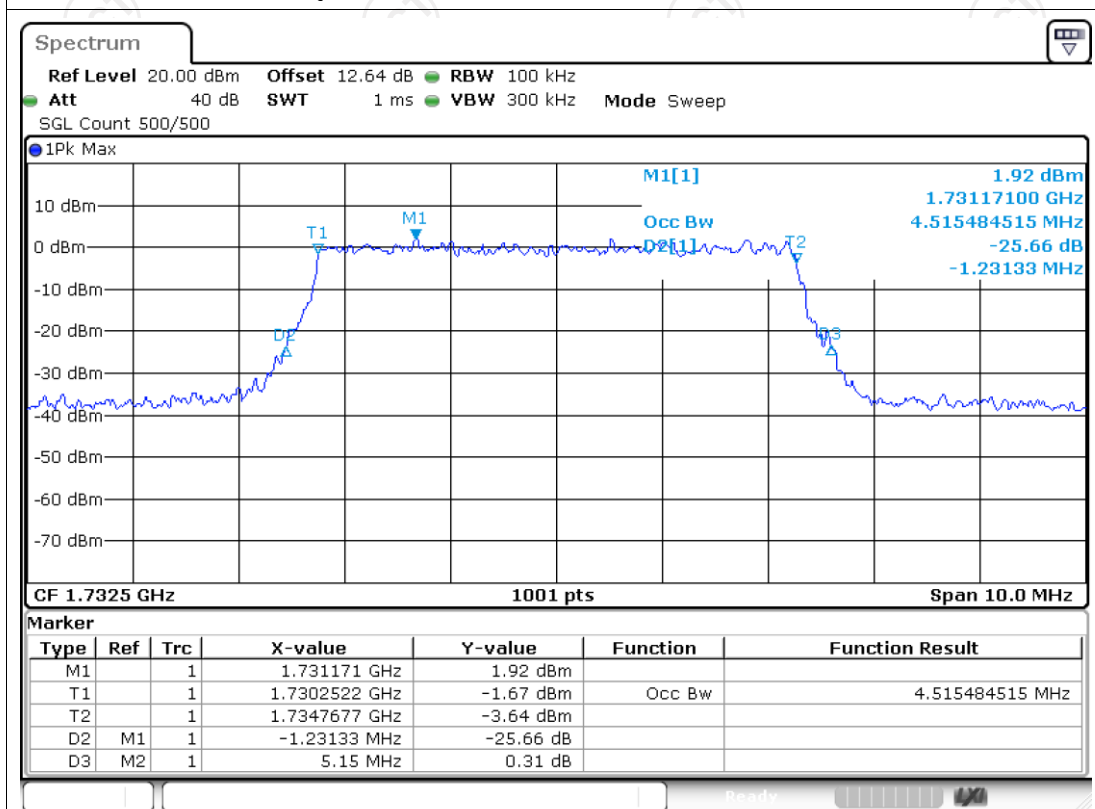
Date: 16.OCT.2024 09:25:56

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



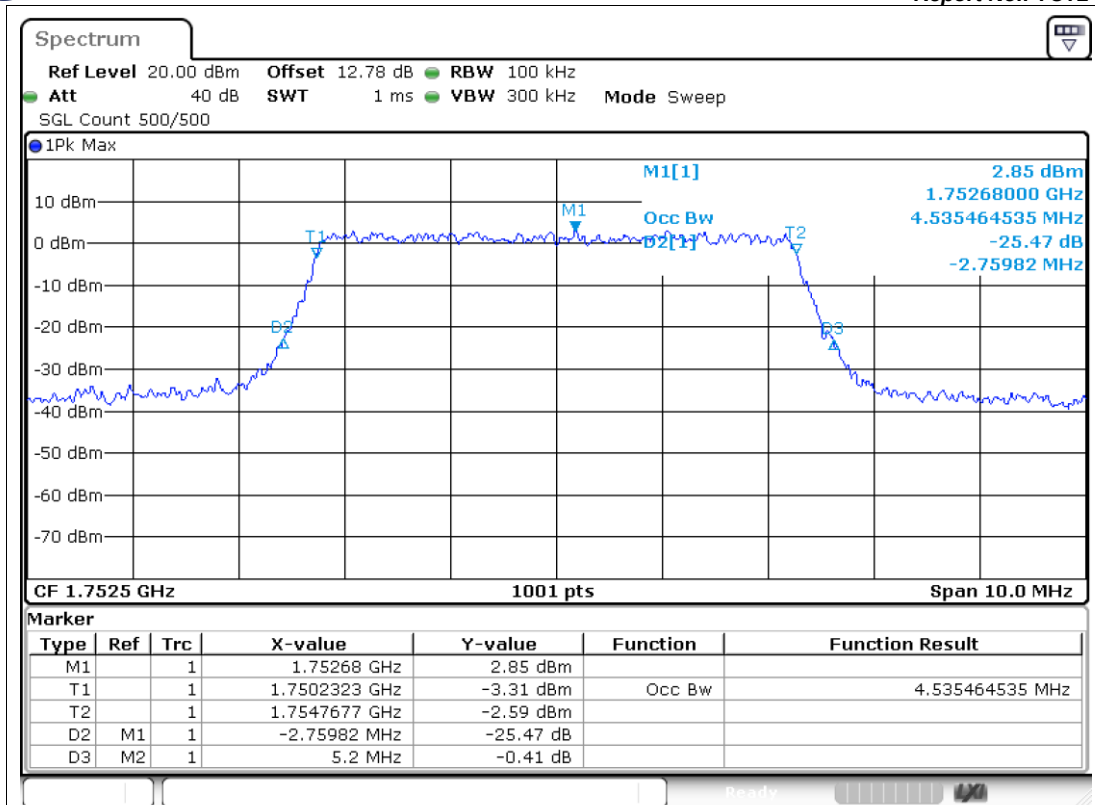
Date: 16.OCT.2024 09:26:05

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



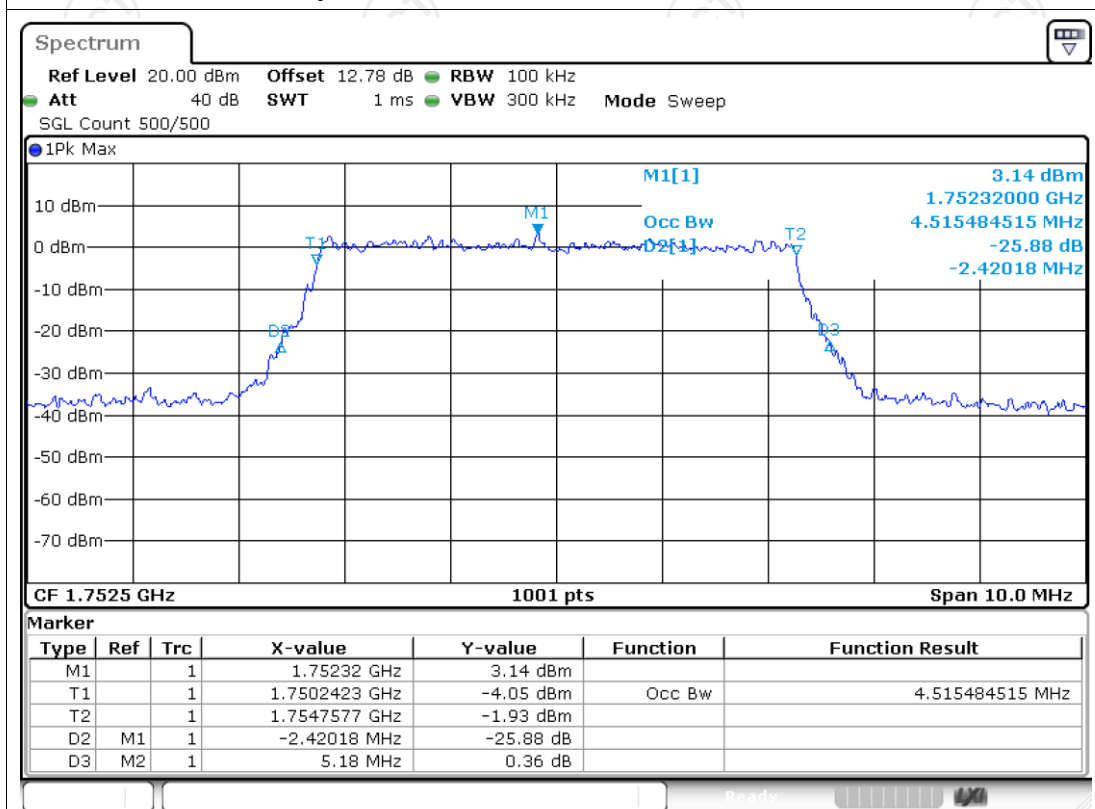
Date: 16.OCT.2024 09:26:14

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



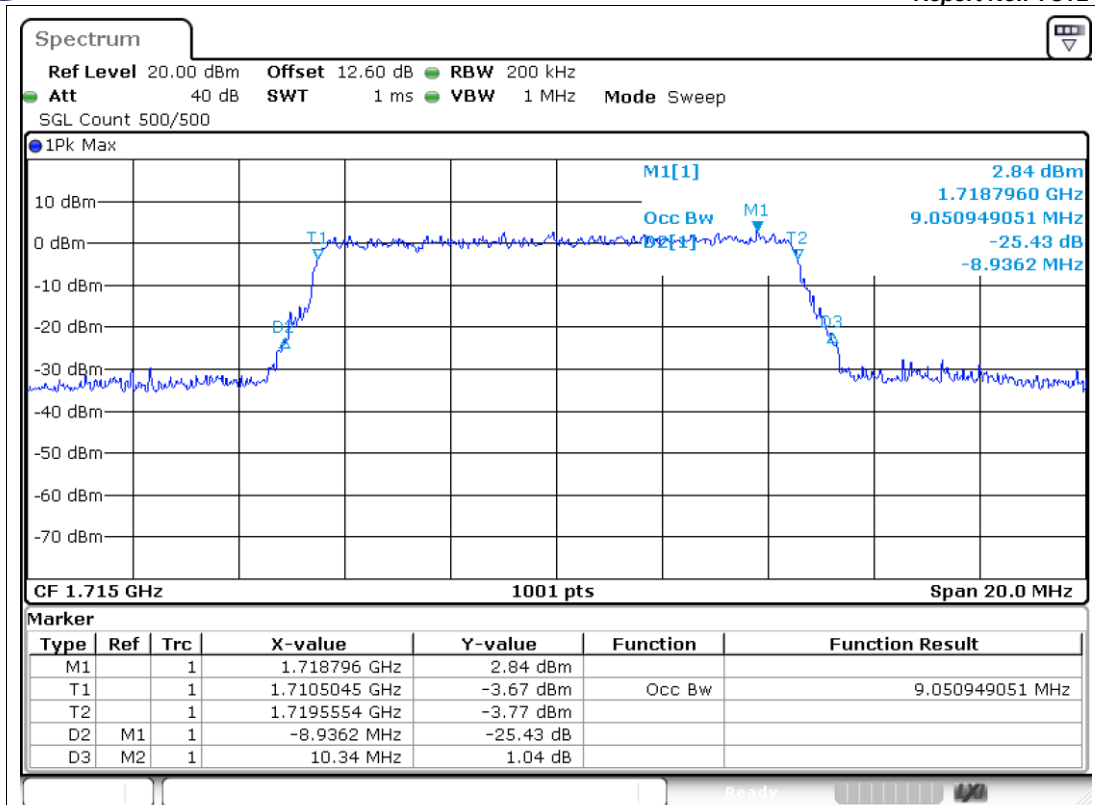
Date: 16.OCT.2024 09:26:22

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



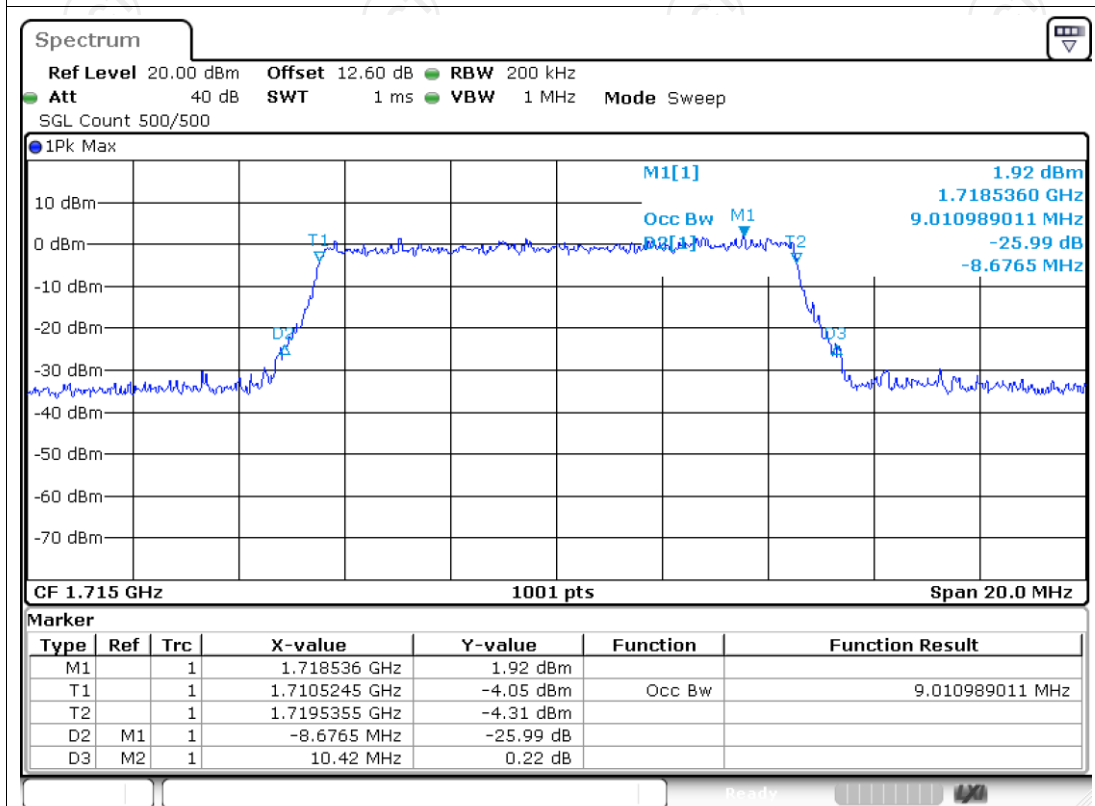
Date: 16.OCT.2024 09:26:29

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



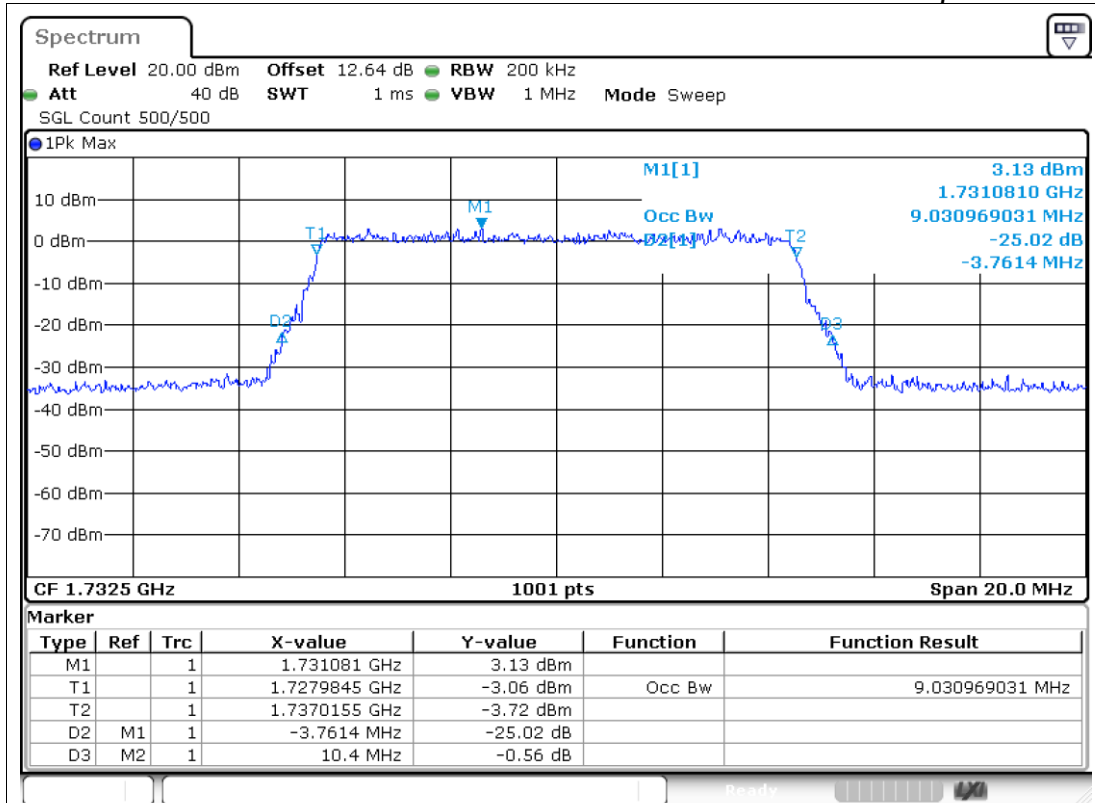
Date: 16.OCT.2024 09:27:25

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



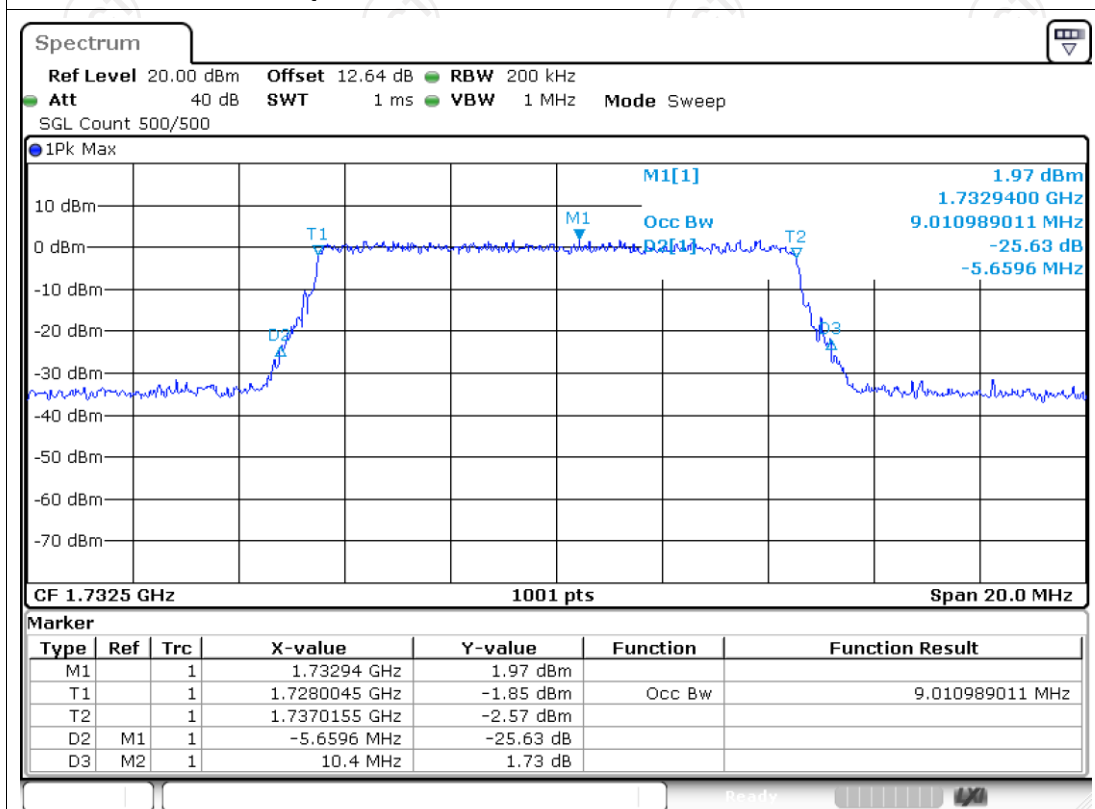
Date: 16.OCT.2024 09:27:33

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



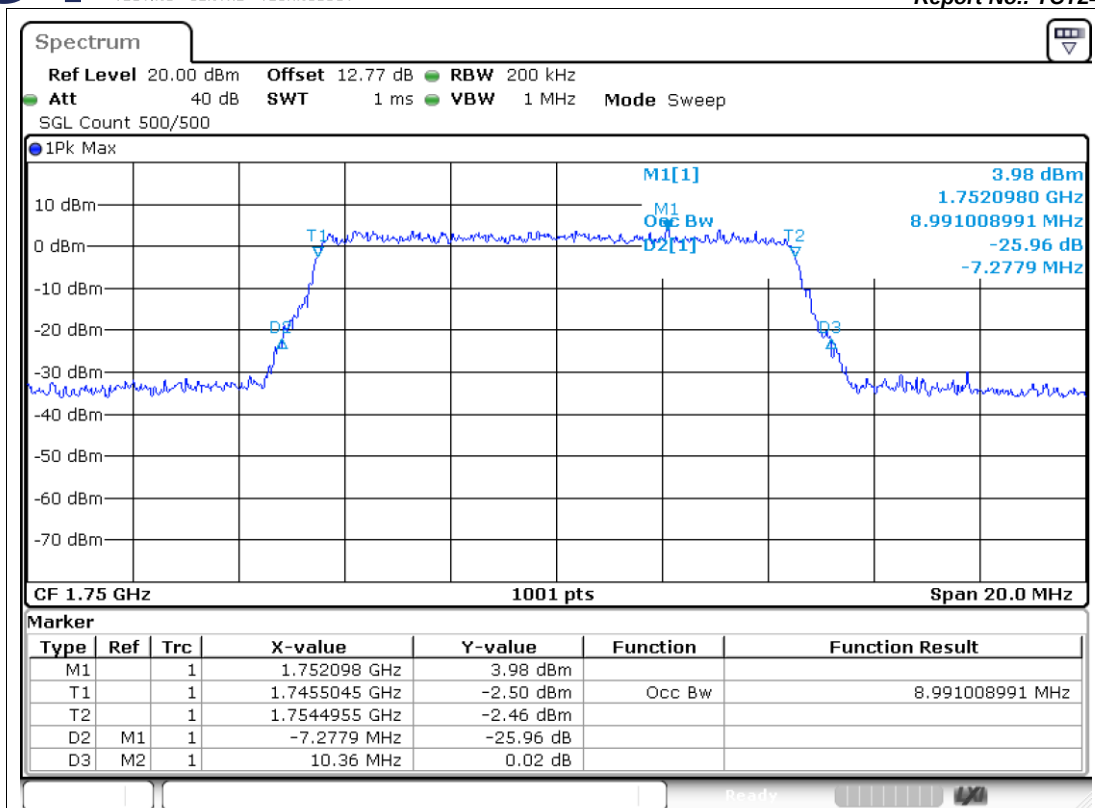
Date: 16.OCT.2024 09:27:48

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



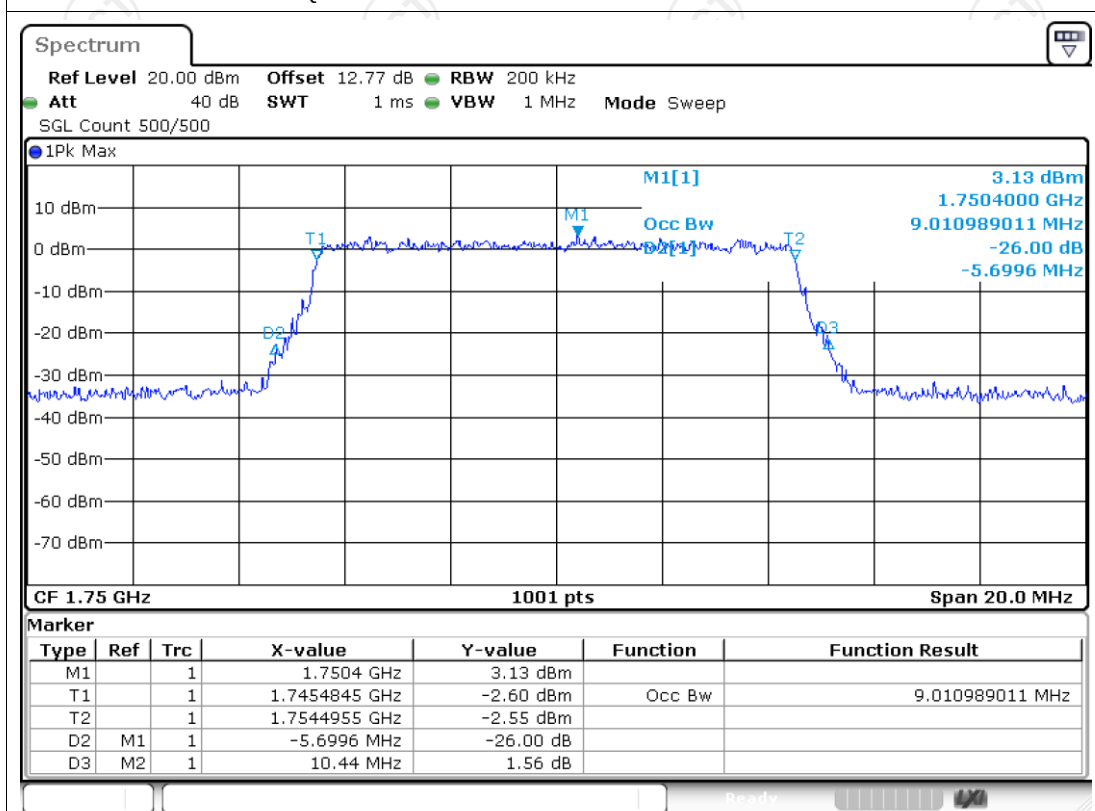
Date: 16.OCT.2024 09:28:02

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



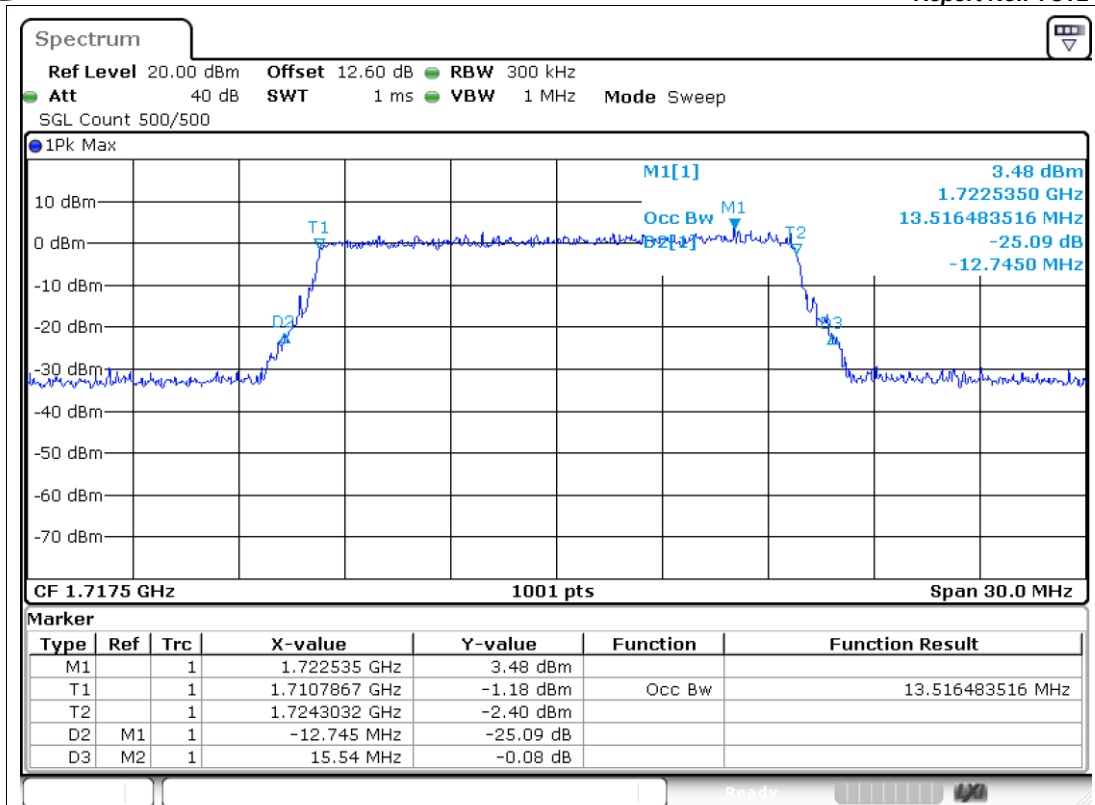
Date: 16.OCT.2024 09:28:12

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



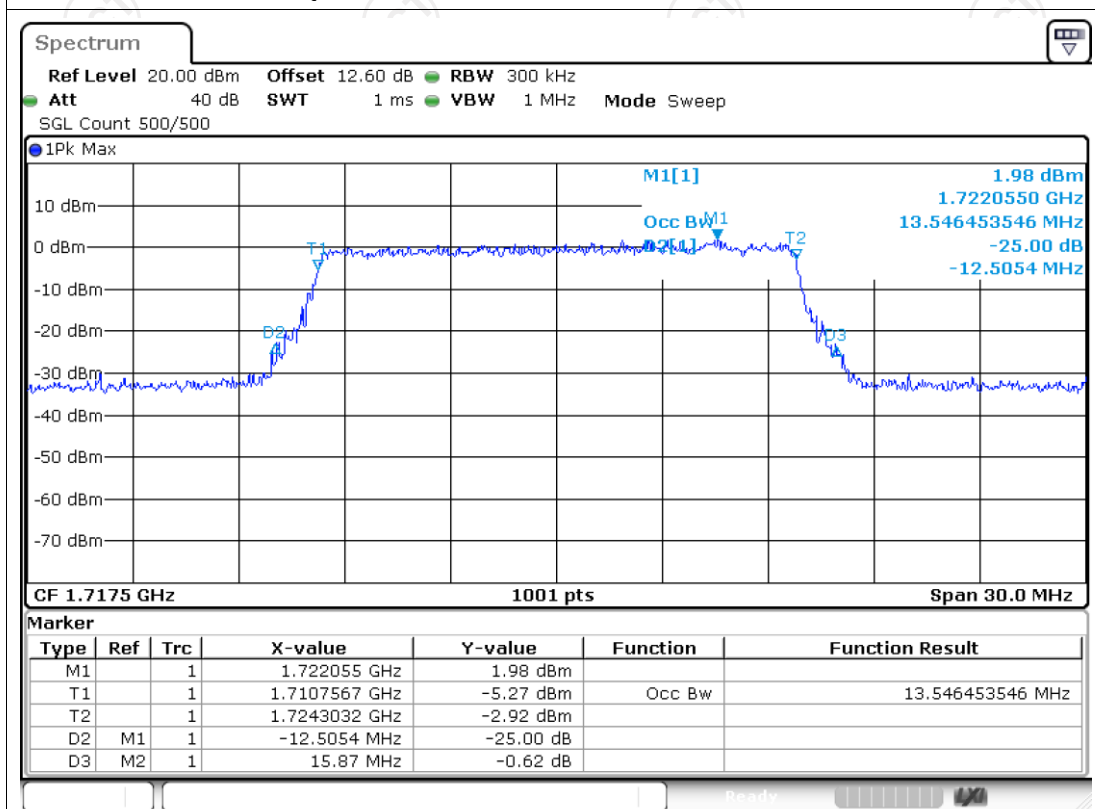
Date: 16.OCT.2024 09:28:21

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



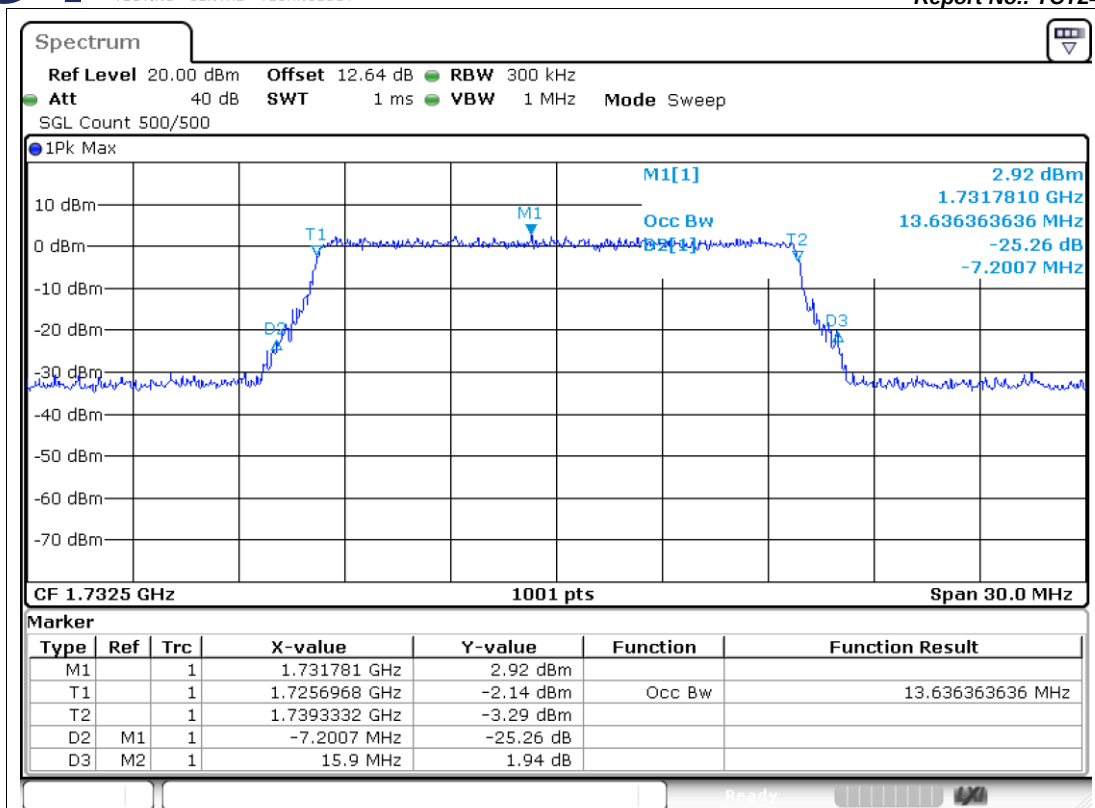
Date: 16.OCT.2024 09:28:27

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



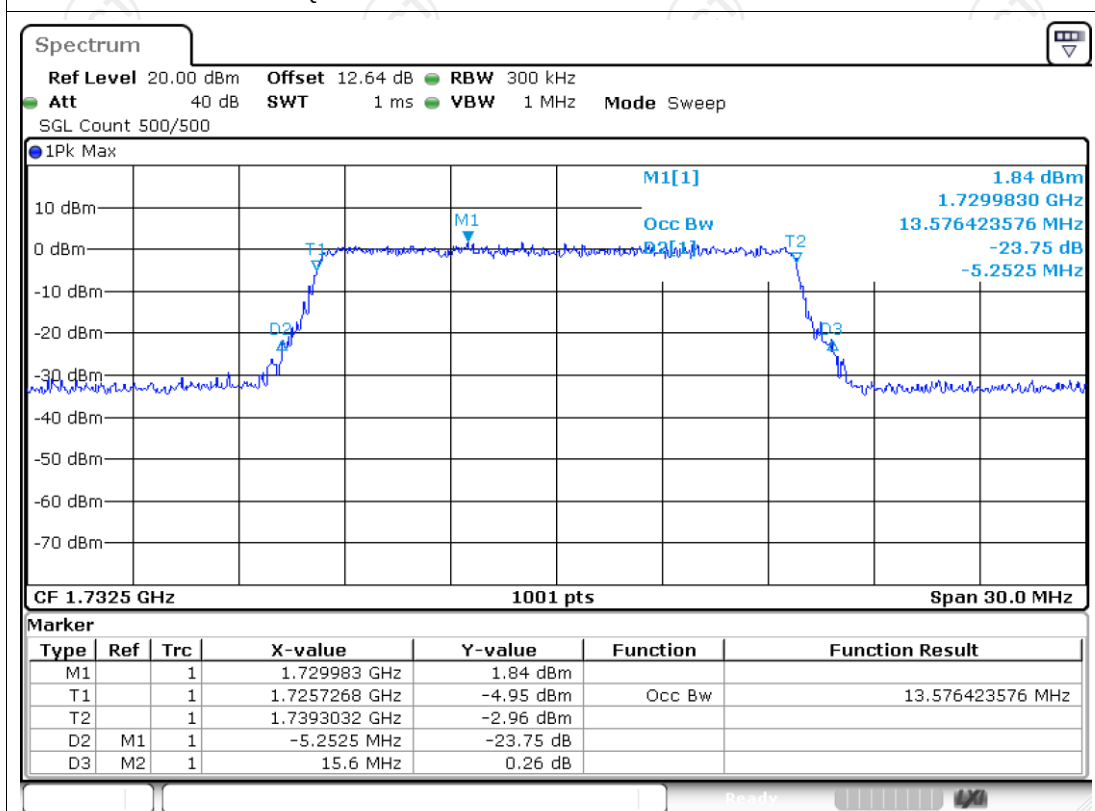
Date: 16.OCT.2024 09:28:33

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



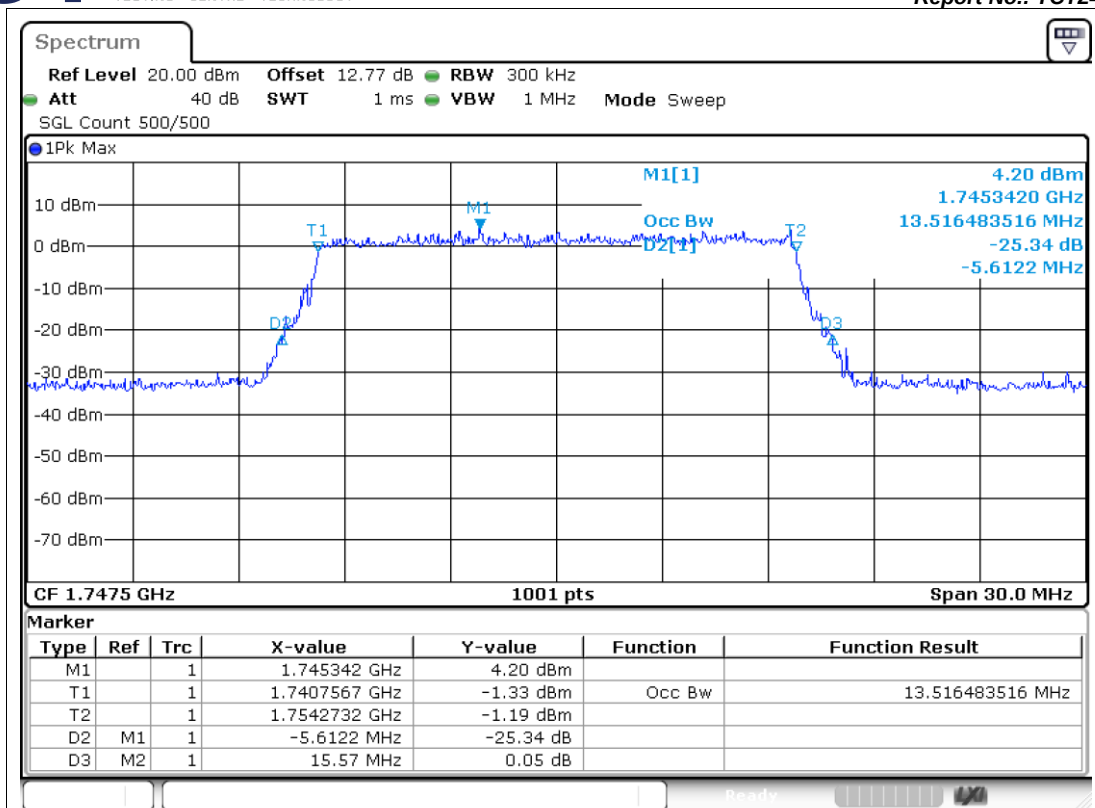
Date: 16.OCT.2024 09:28:39

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



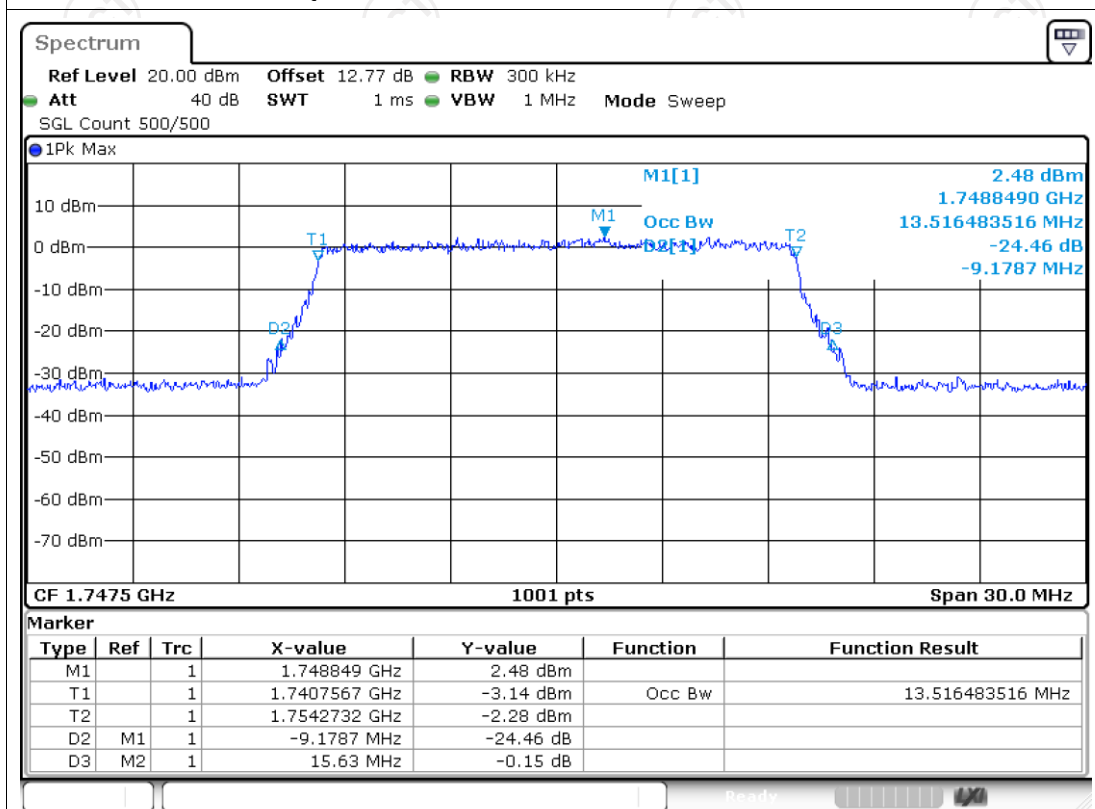
Date: 16.OCT.2024 09:28:45

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



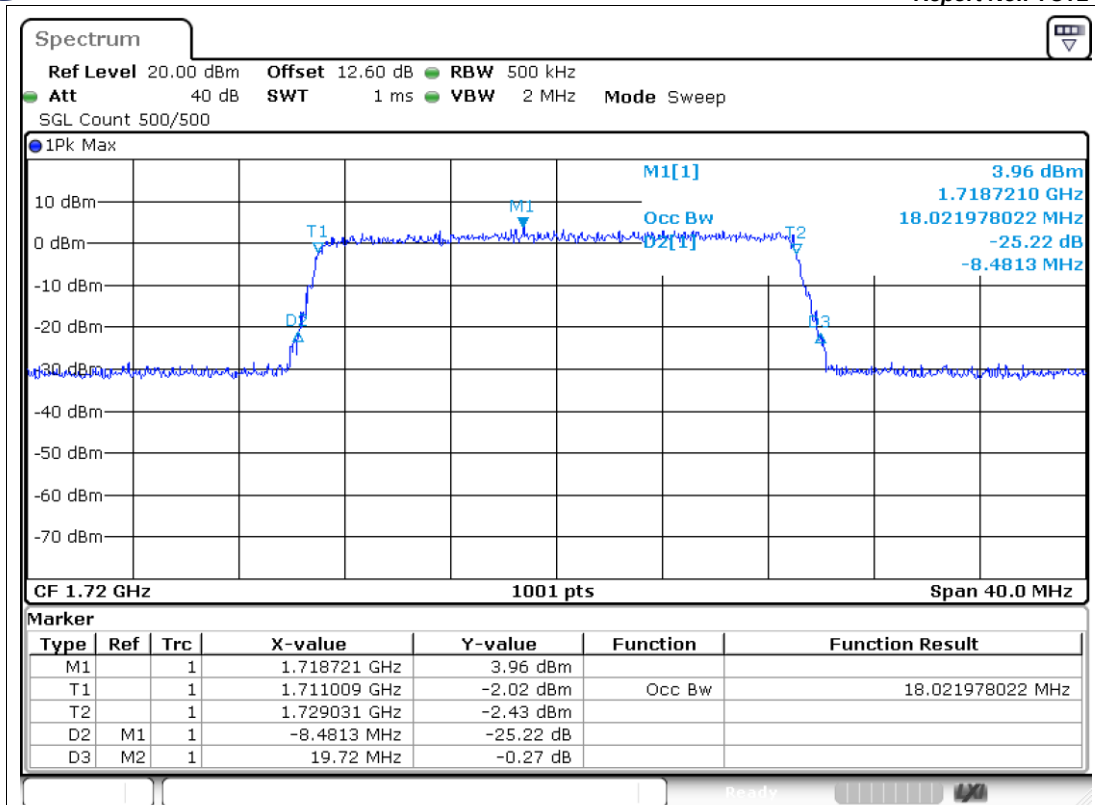
Date: 16.OCT.2024 09:28:51

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



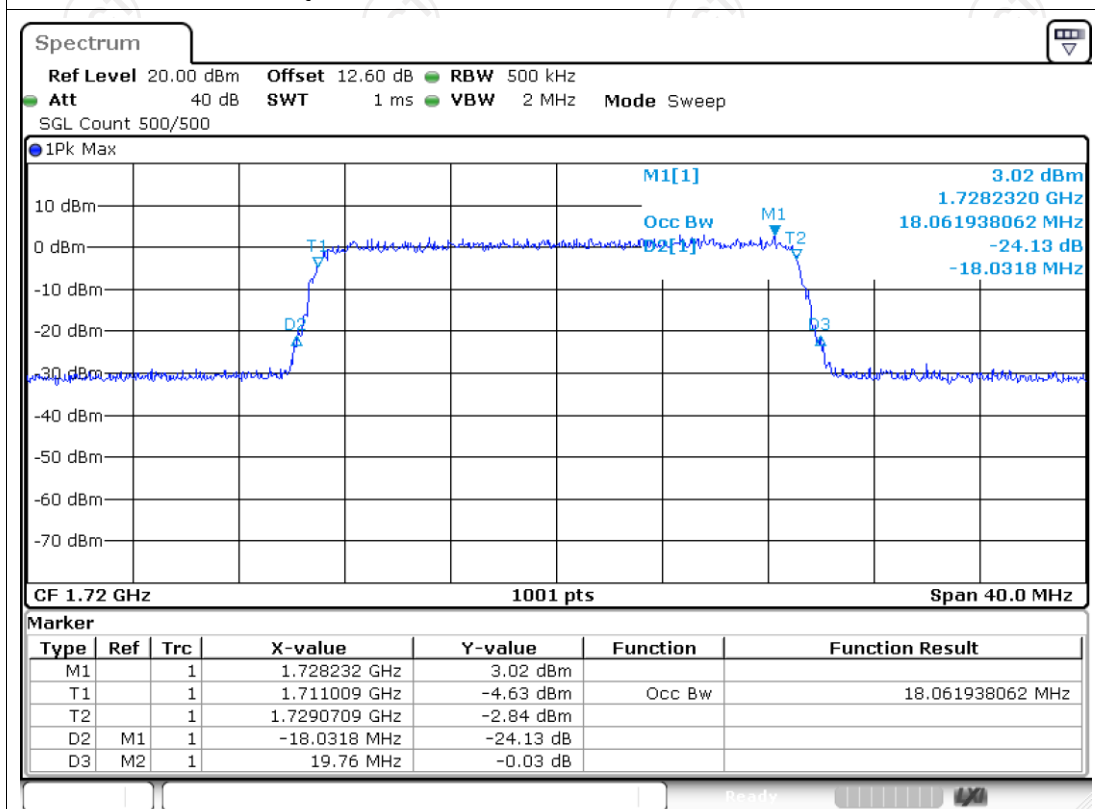
Date: 16.OCT.2024 09:28:57

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



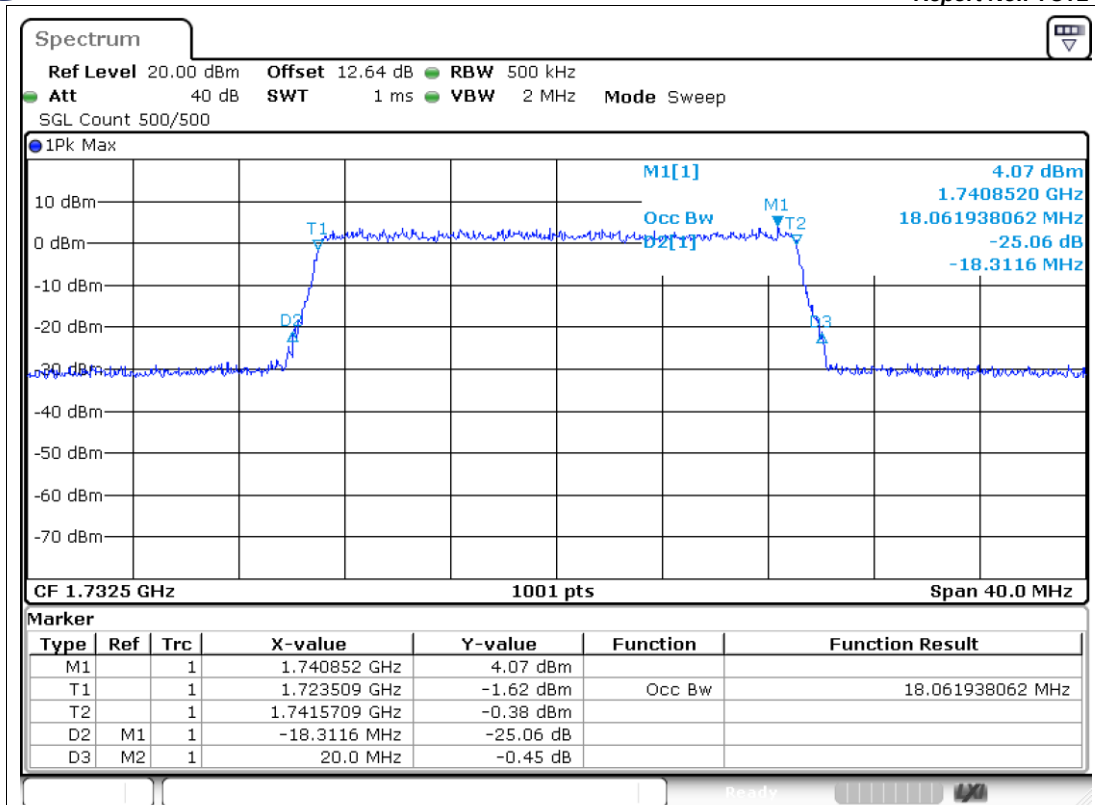
Date: 16.OCT.2024 09:29:04

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



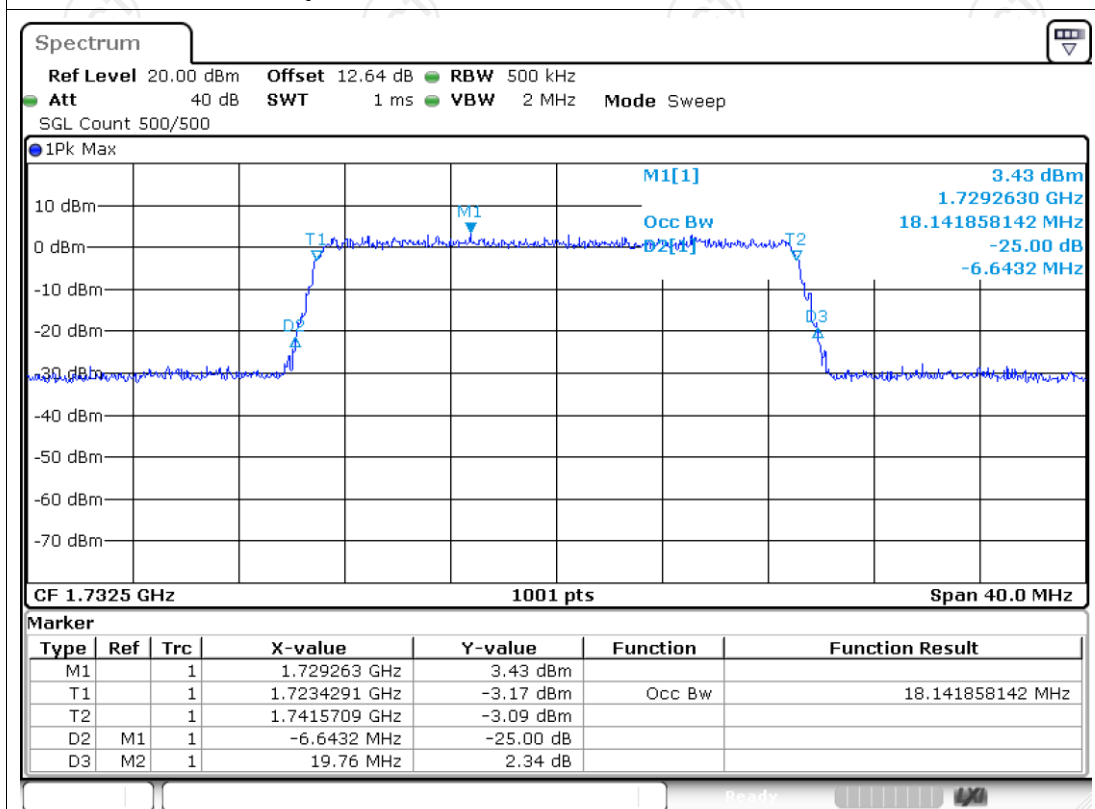
Date: 16.OCT.2024 09:29:10

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



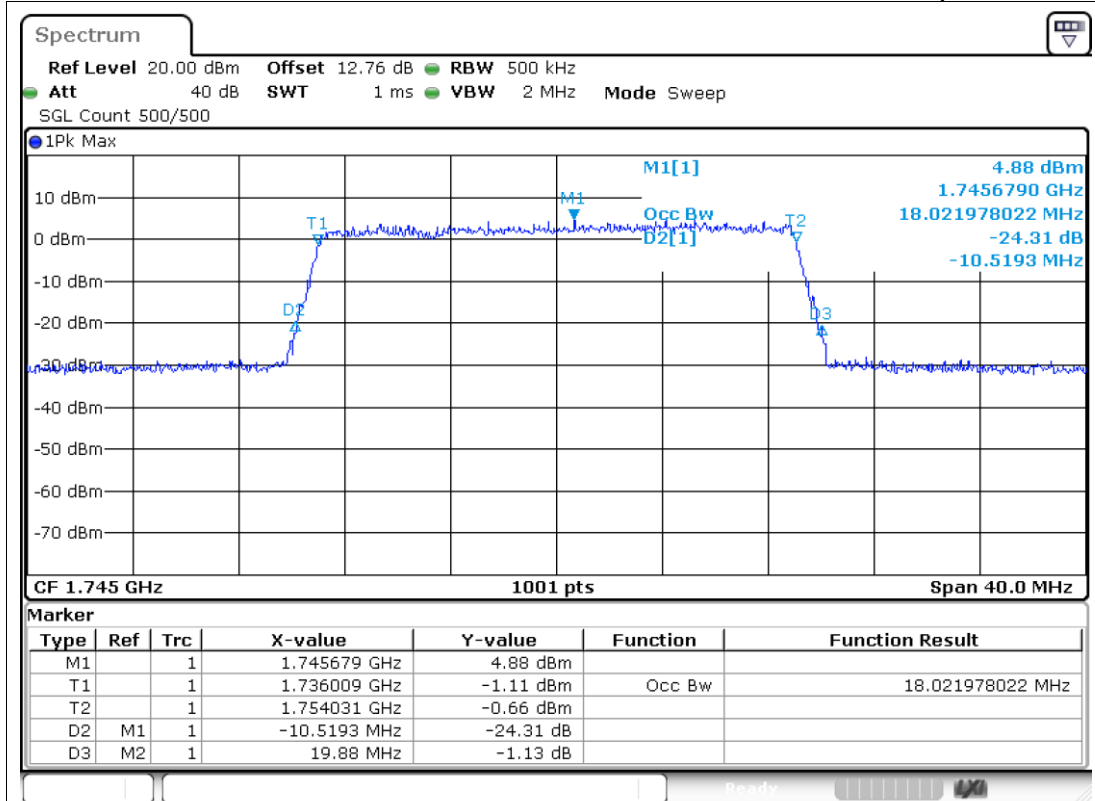
Date: 16.OCT.2024 09:29:16

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



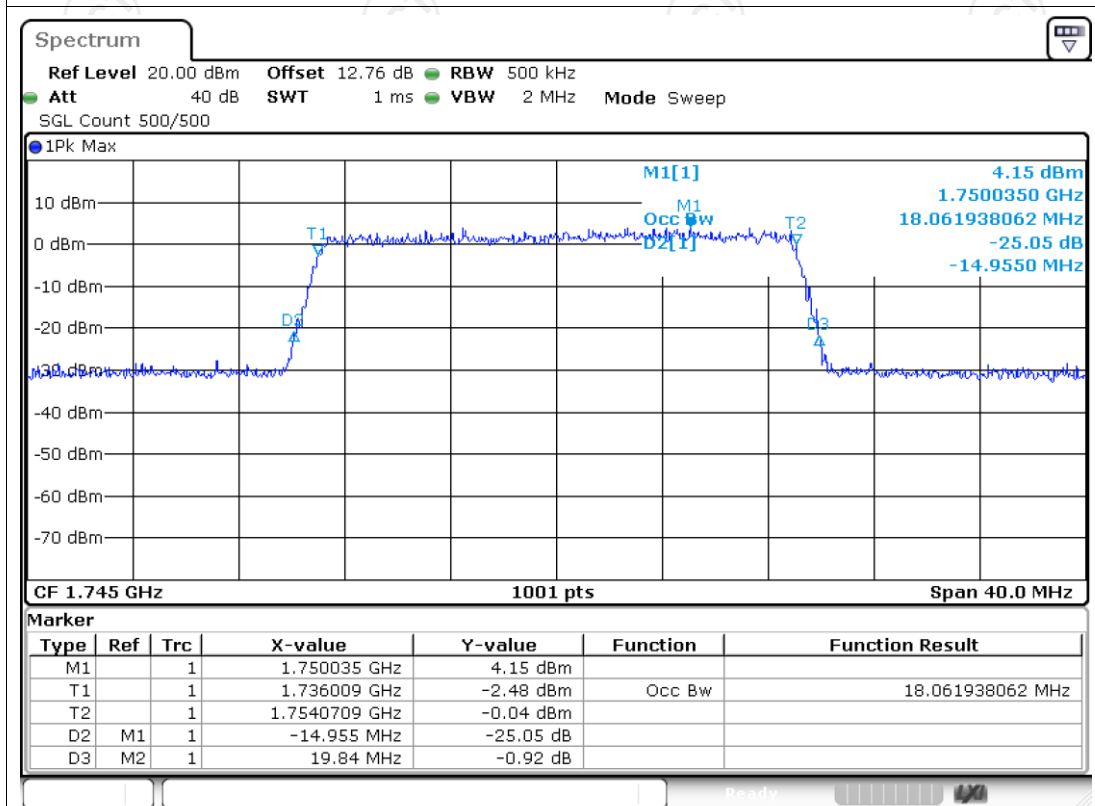
Date: 16.OCT.2024 09:29:21

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



Date: 16.OCT.2024 09:29:28

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

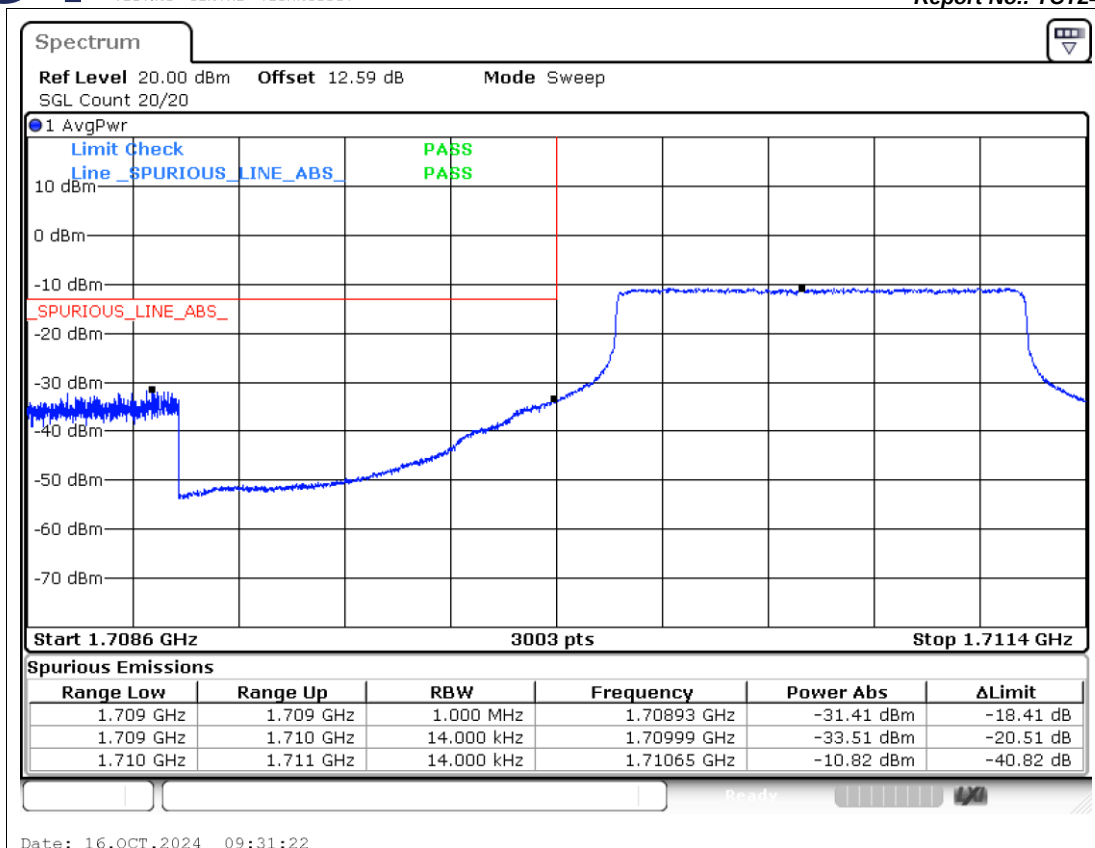


Date: 16.OCT.2024 09:29:33

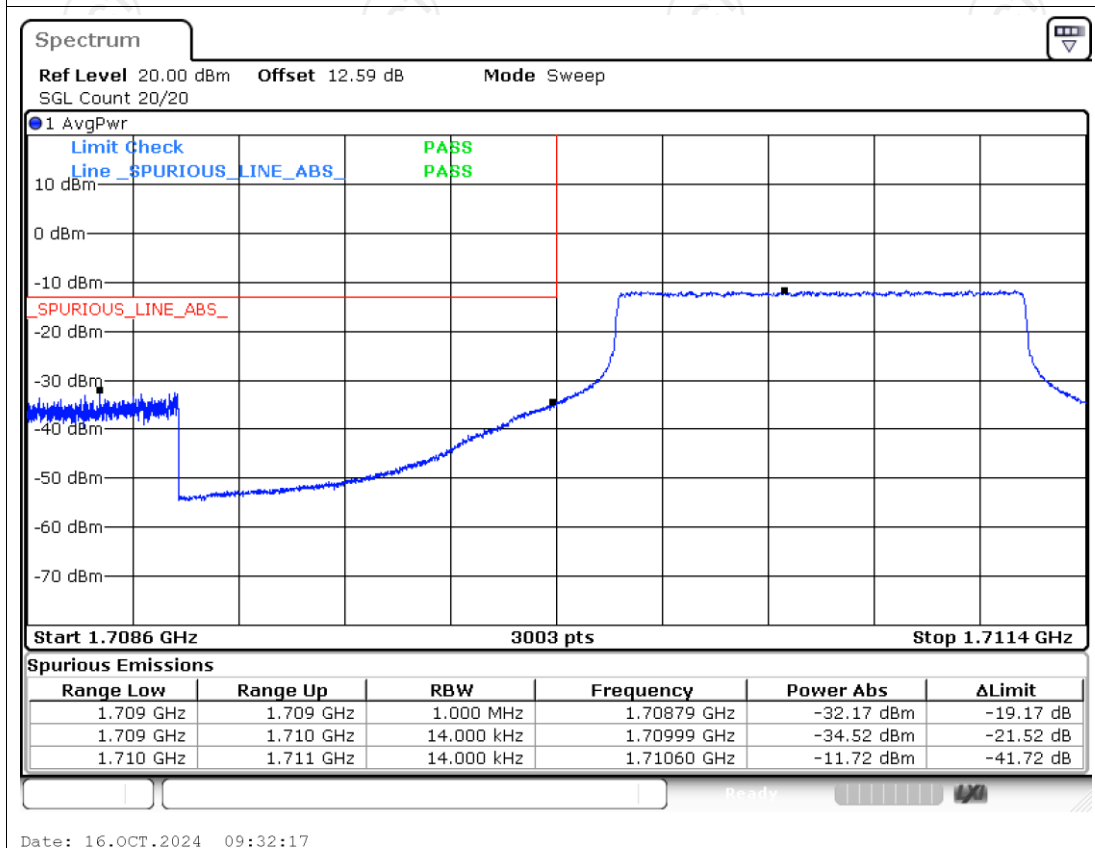
Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0

05. Band edge

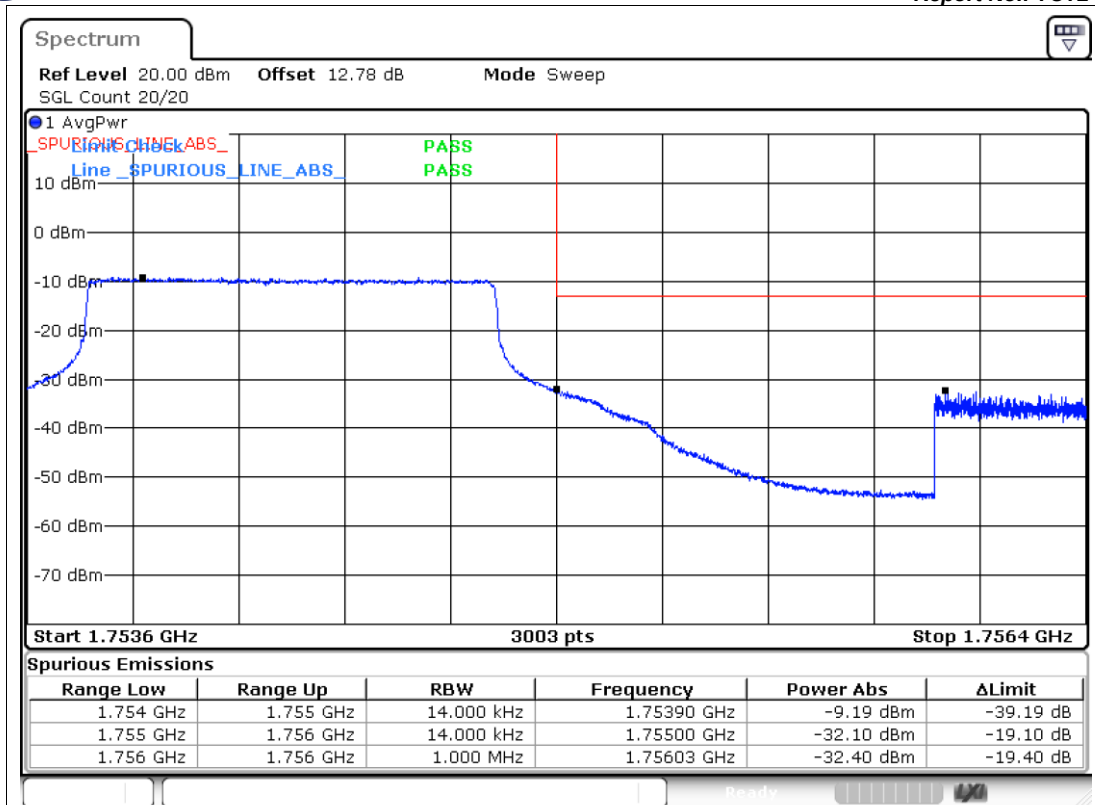
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	1708.93	-31.41	-13	PASS
Band4	1.4	19957	6	#0	16QAM	1708.79	-32.17	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.00	-32.10	-13	PASS
Band4	1.4	20393	6	#0	16QAM	1756.13	-32.17	-13	PASS
Band4	3	19965	15	#0	QPSK	1708.96	-31.33	-13	PASS
Band4	3	19965	15	#0	16QAM	1708.69	-32.76	-13	PASS
Band4	3	20385	15	#0	QPSK	1756.47	-32.22	-13	PASS
Band4	3	20385	15	#0	16QAM	1756.13	-33.16	-13	PASS
Band4	5	19975	25	#0	QPSK	1708.49	-32.23	-13	PASS
Band4	5	19975	25	#0	16QAM	1707.52	-32.67	-13	PASS
Band4	5	20375	25	#0	QPSK	1756.76	-32.65	-13	PASS
Band4	5	20375	25	#0	16QAM	1756.15	-32.62	-13	PASS
Band4	10	20000	50	#0	QPSK	1708.60	-34.34	-13	PASS
Band4	10	20000	50	#0	16QAM	1708.25	-35.13	-13	PASS
Band4	10	20350	50	#0	QPSK	1756.27	-34.80	-13	PASS
Band4	10	20350	50	#0	16QAM	1756.50	-35.19	-13	PASS
Band4	15	20025	75	#0	QPSK	1708.74	-35.51	-13	PASS
Band4	15	20025	75	#0	16QAM	1708.13	-35.79	-13	PASS
Band4	15	20325	75	#0	QPSK	1756.47	-35.46	-13	PASS
Band4	15	20325	75	#0	16QAM	1756.08	-35.49	-13	PASS
Band4	20	20050	100	#0	QPSK	1708.19	-36.22	-13	PASS
Band4	20	20050	100	#0	16QAM	1708.74	-36.31	-13	PASS
Band4	20	20300	100	#0	QPSK	1756.05	-35.81	-13	PASS
Band4	20	20300	100	#0	16QAM	1757.95	-36.04	-13	PASS



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

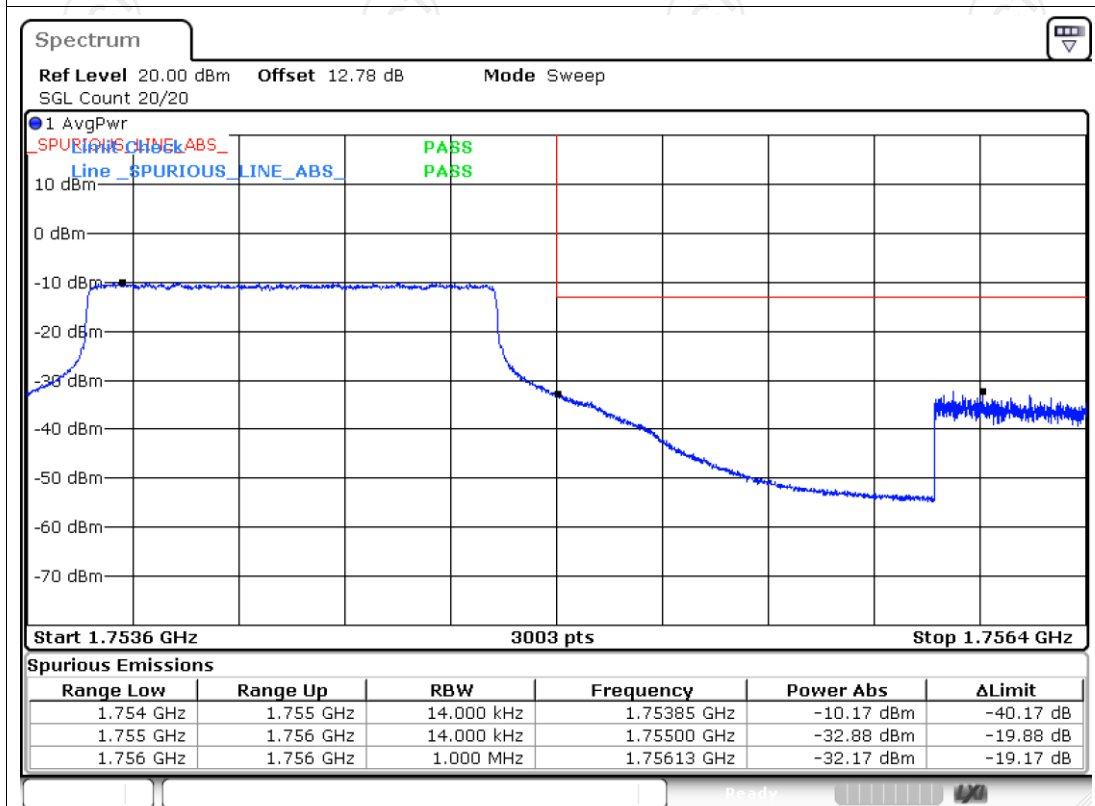


Band4 16QAM BW=1.4MHz LowChannel=19957 RB Size=6 Position=#0



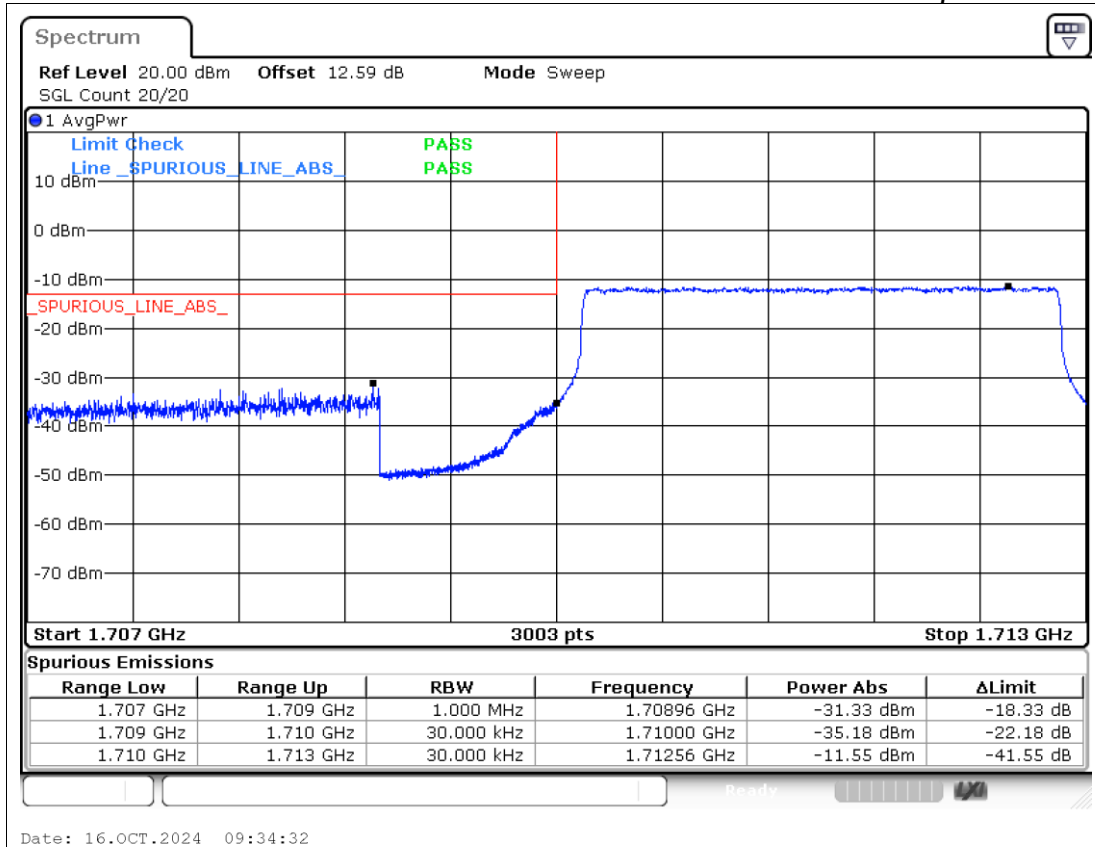
Date: 16.OCT.2024 09:33:13

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

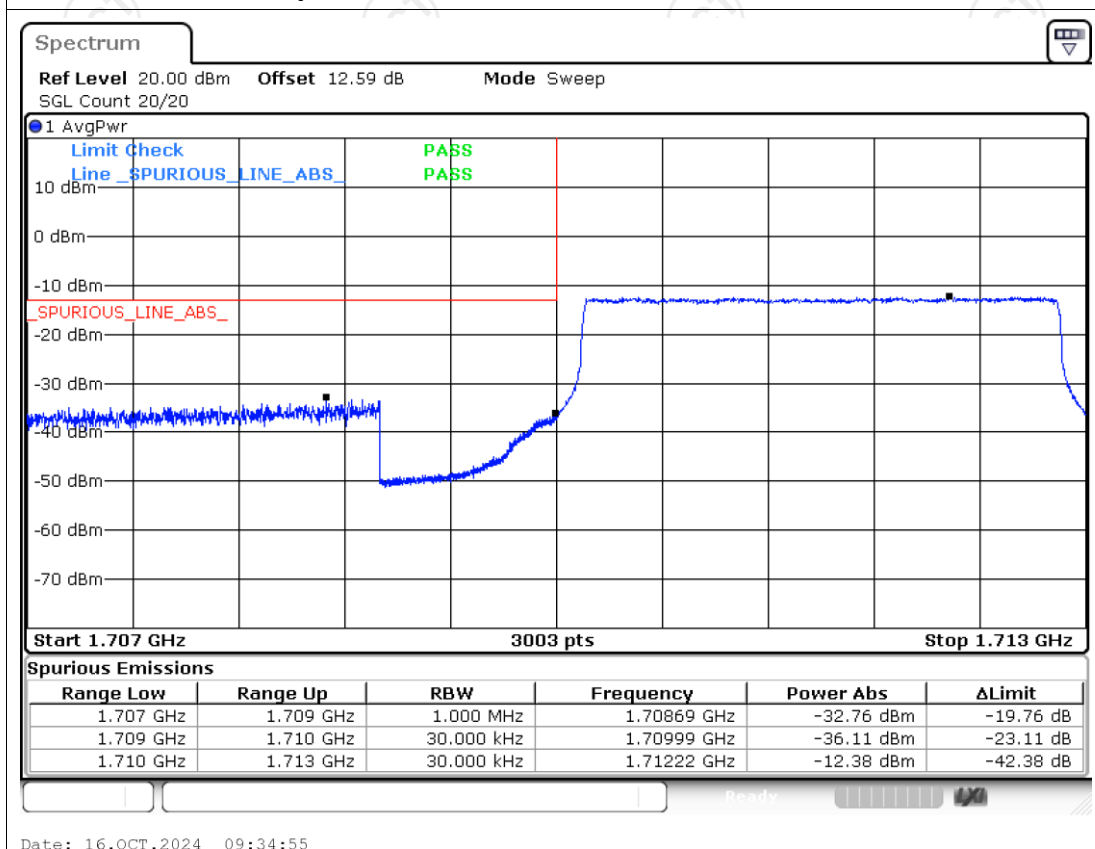


Date: 16.OCT.2024 09:34:09

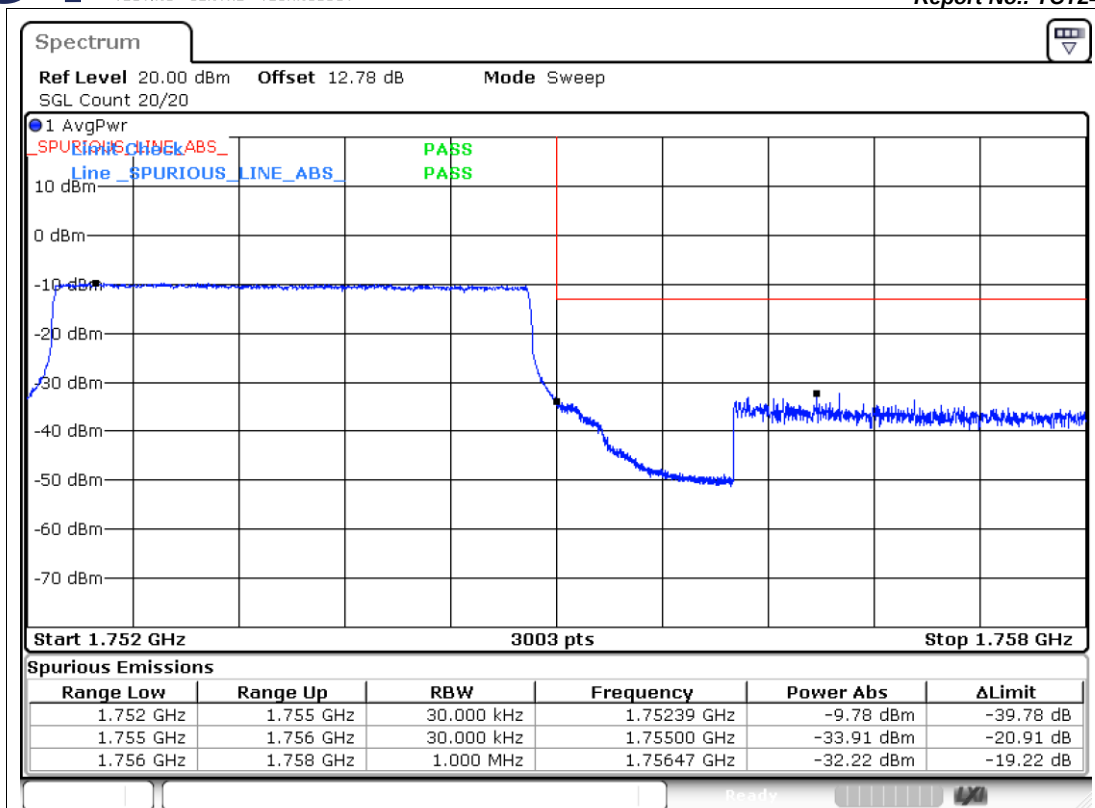
Band4 16QAM BW=1.4MHz HighChannel=20393 RB Size=6 Position=#0



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

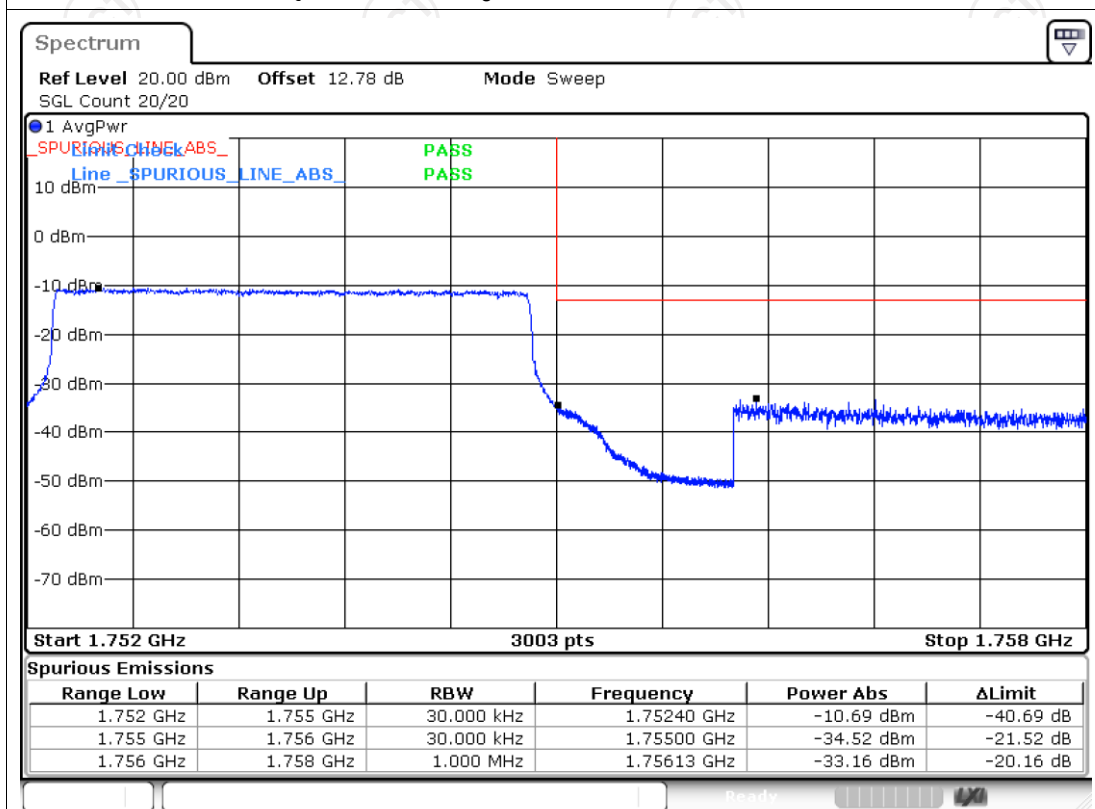


Band4 16QAM BW=3MHz LowChannel=19965 RB Size=15 Position=#0



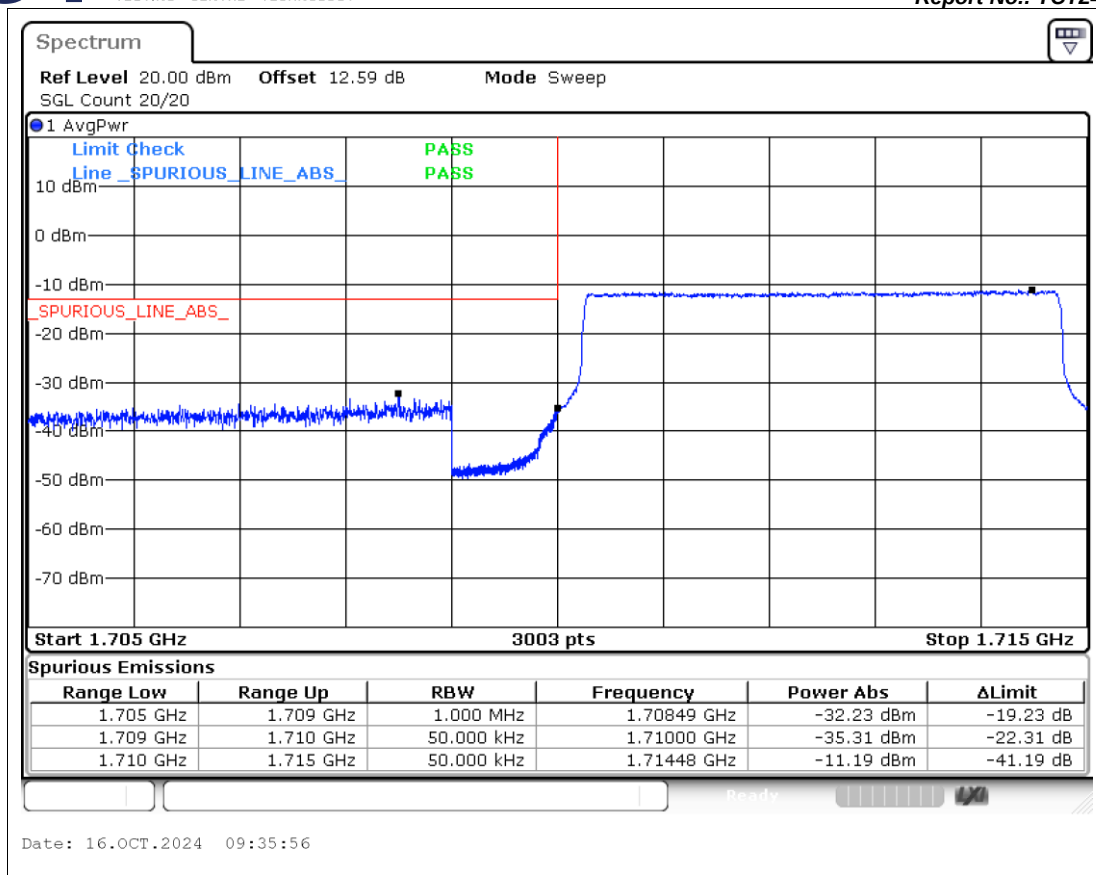
Date: 16.OCT.2024 09:35:18

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

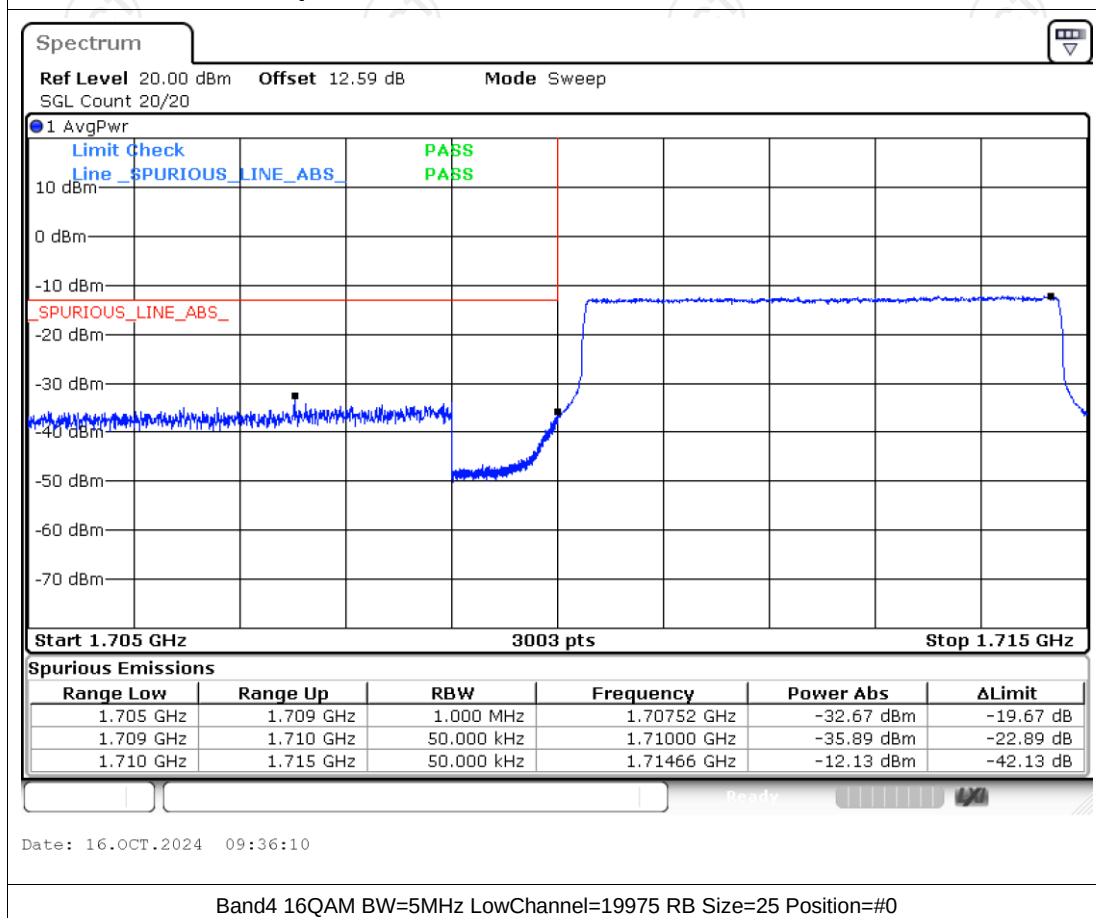


Date: 16.OCT.2024 09:35:41

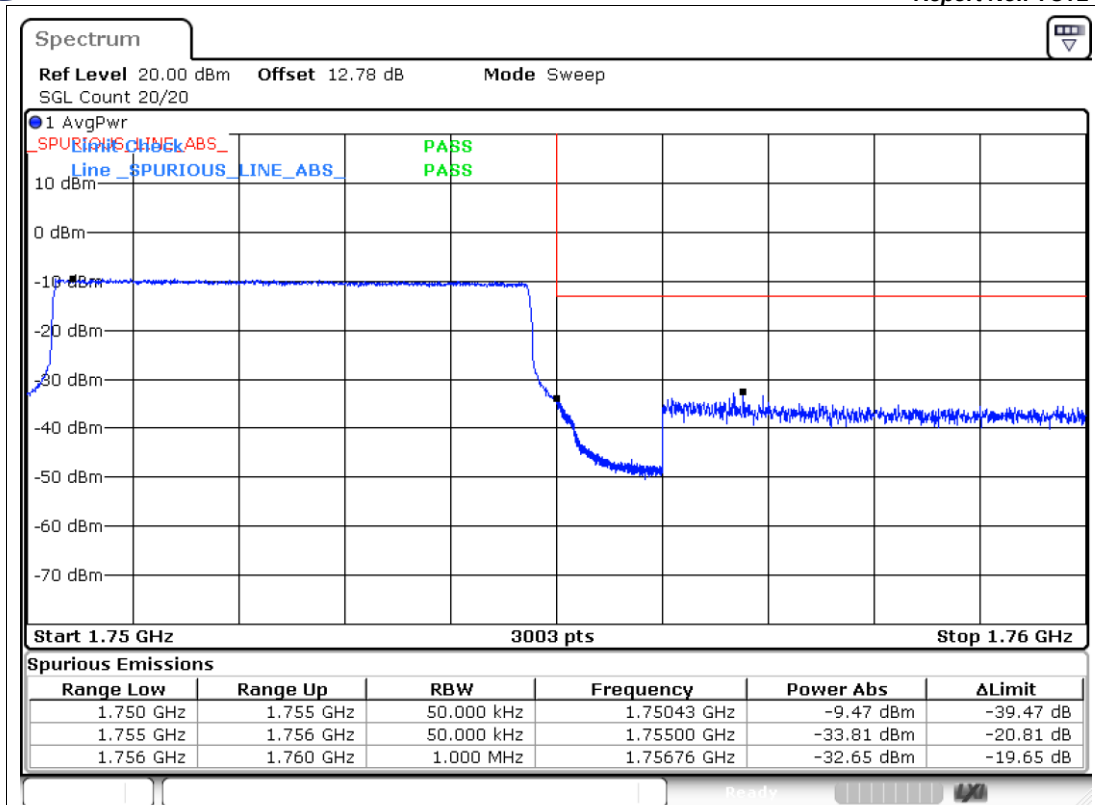
Band4 16QAM BW=3MHz HighChannel=20385 RB Size=15 Position=#0



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

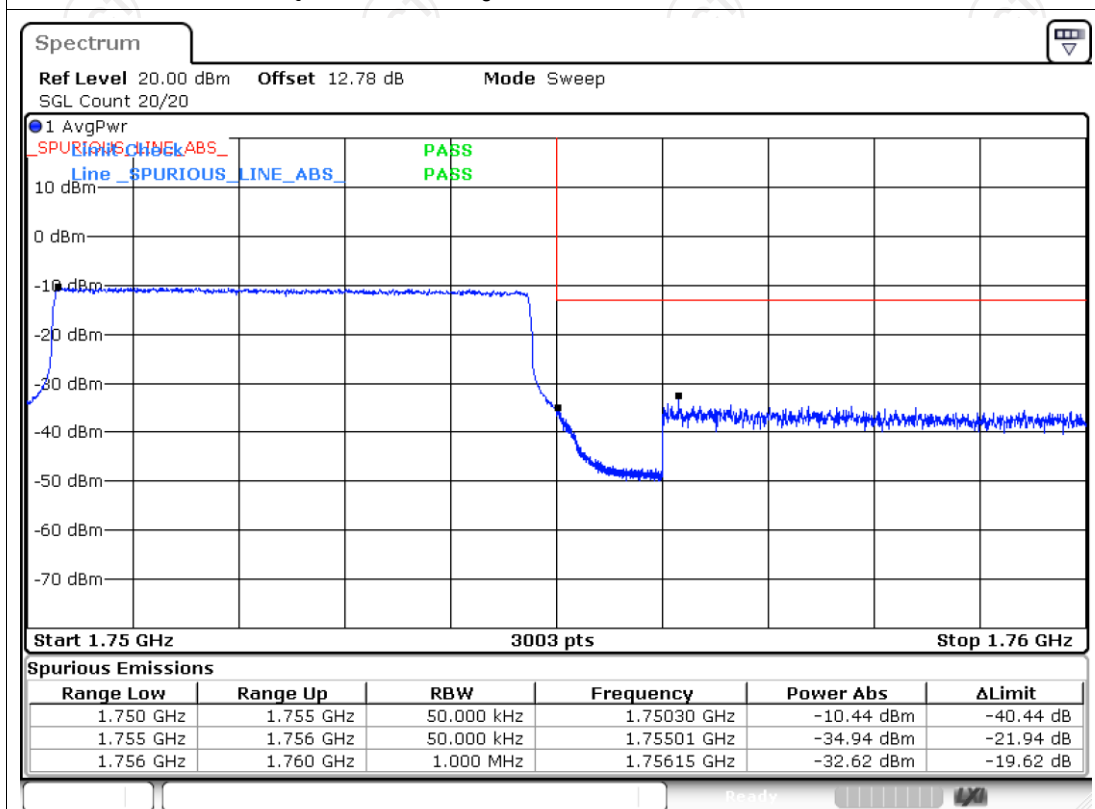


Band4 16QAM BW=5MHz LowChannel=19975 RB Size=25 Position=#0



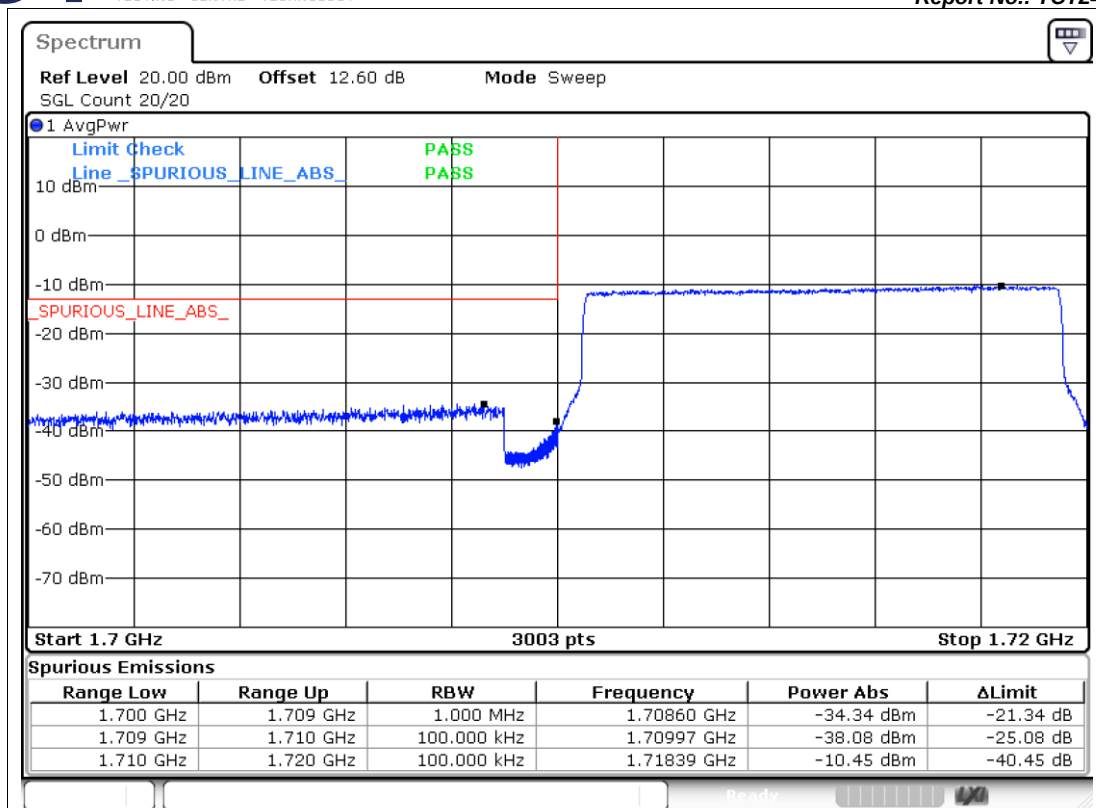
Date: 16.OCT.2024 09:36:25

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



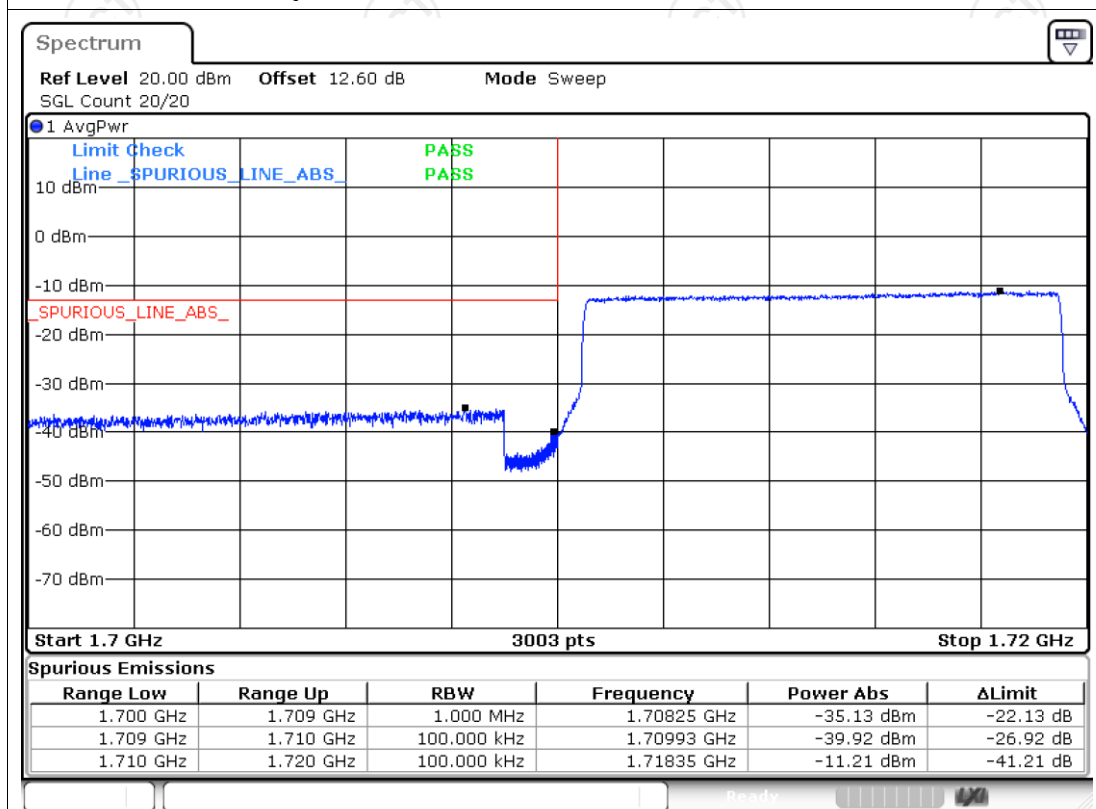
Date: 16.OCT.2024 09:36:39

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



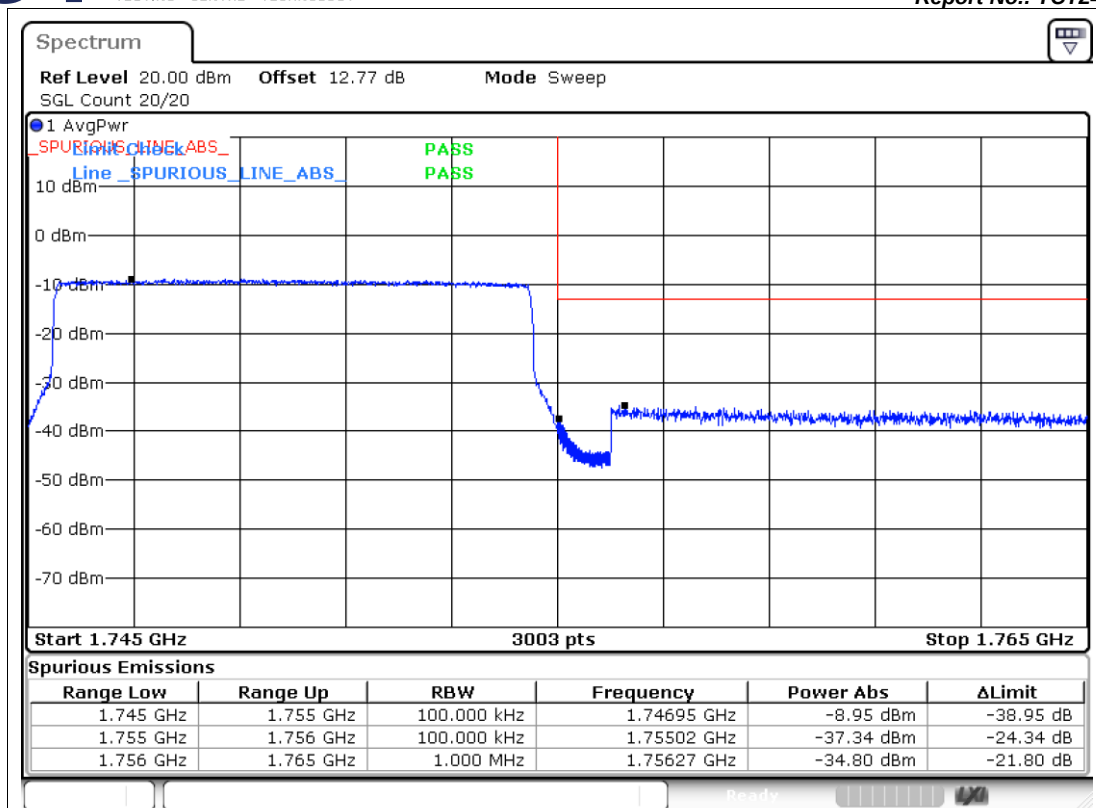
Date: 16.OCT.2024 09:37:41

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



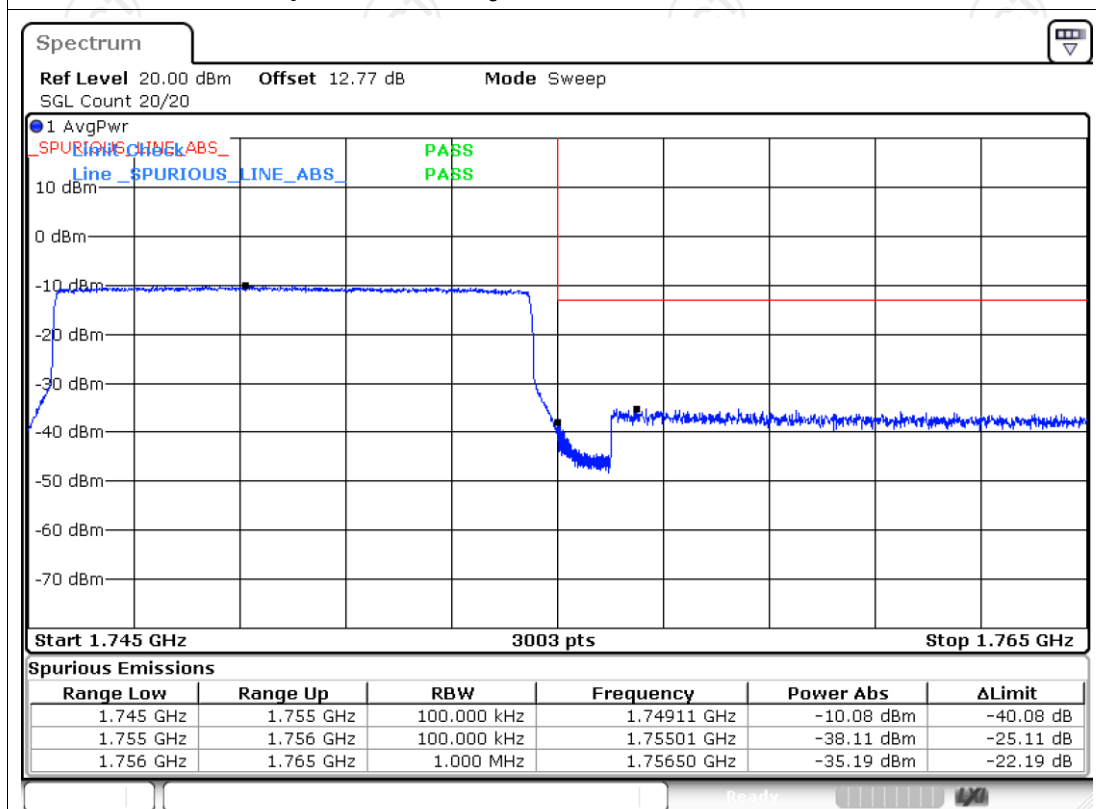
Date: 16.OCT.2024 09:37:50

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



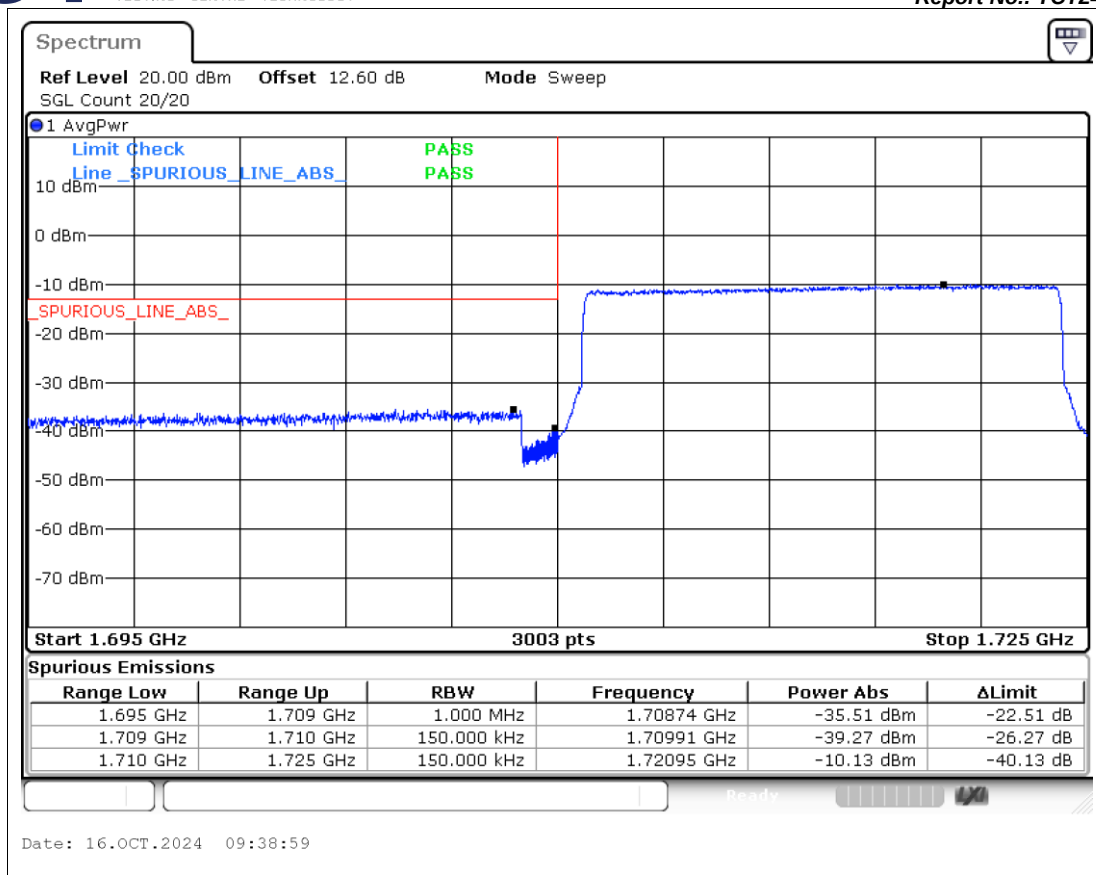
Date: 16.OCT.2024 09:37:59

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

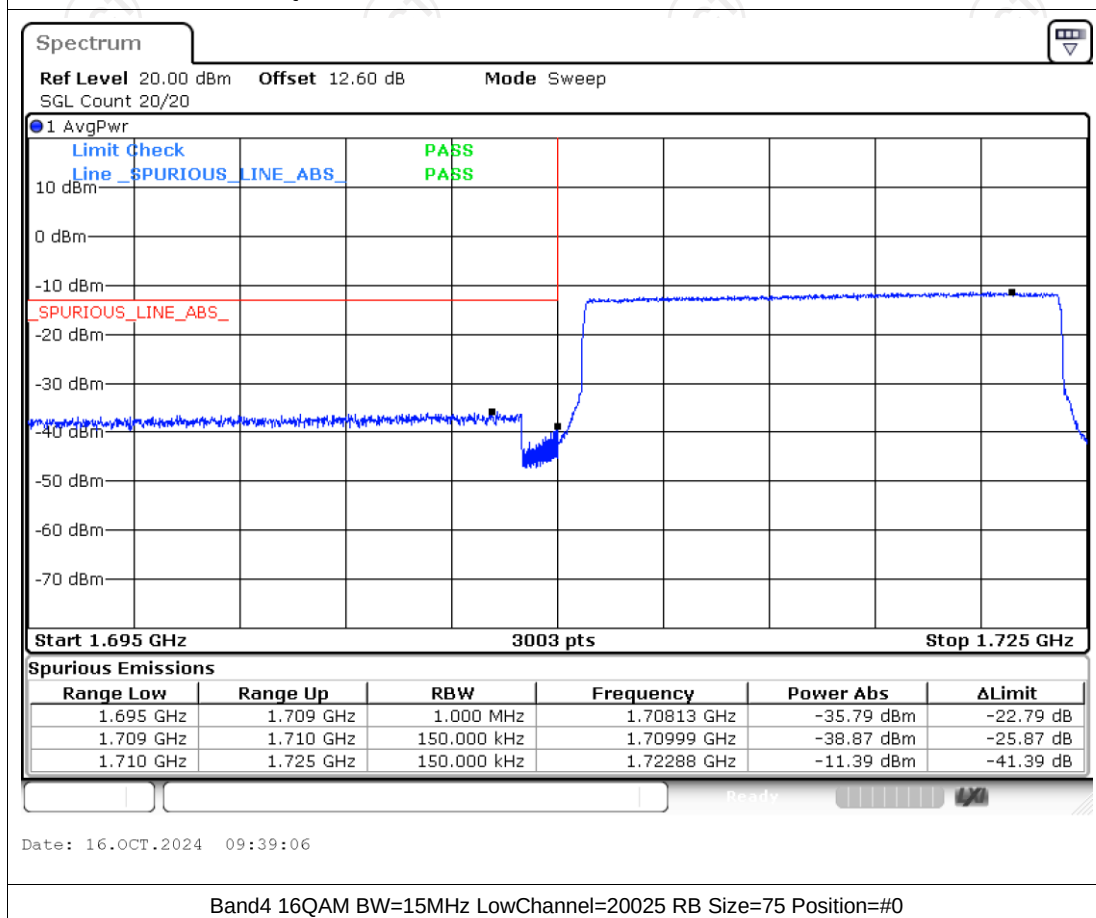


Date: 16.OCT.2024 09:38:08

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



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



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