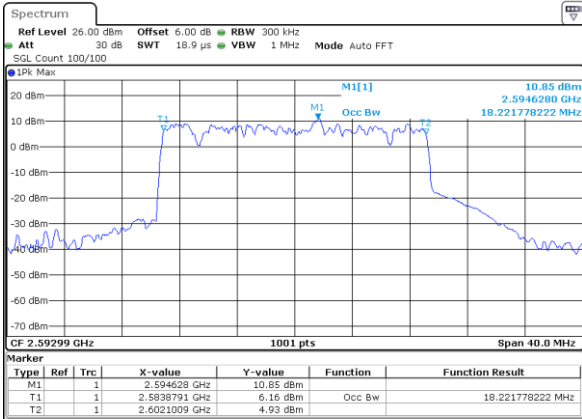


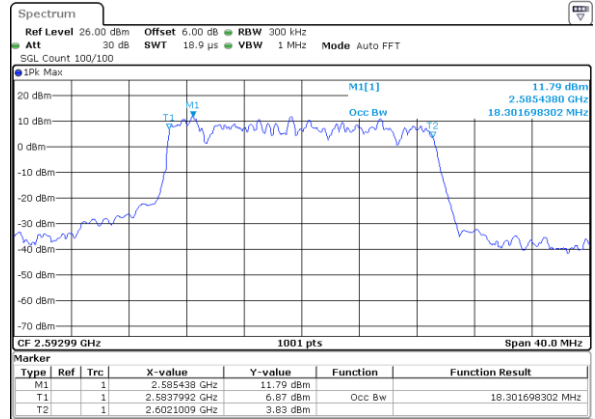


20MHz CP

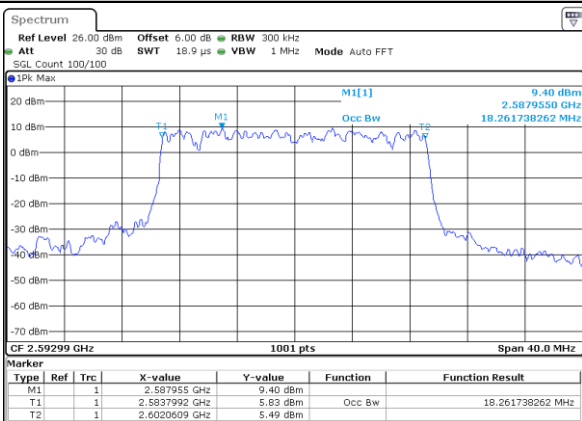
QPSK



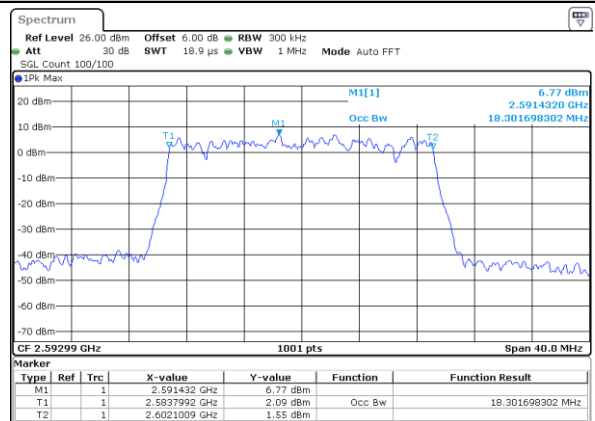
16QAM



64QAM



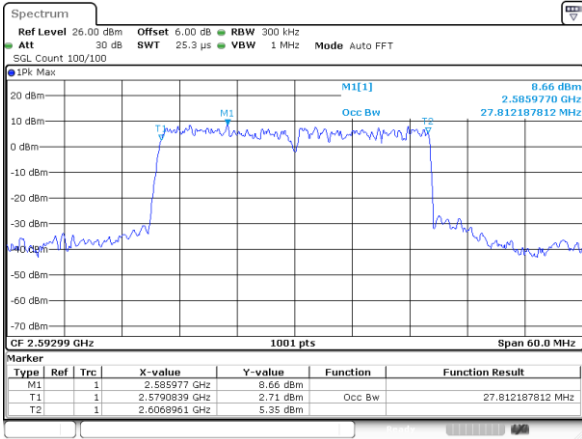
256QAM



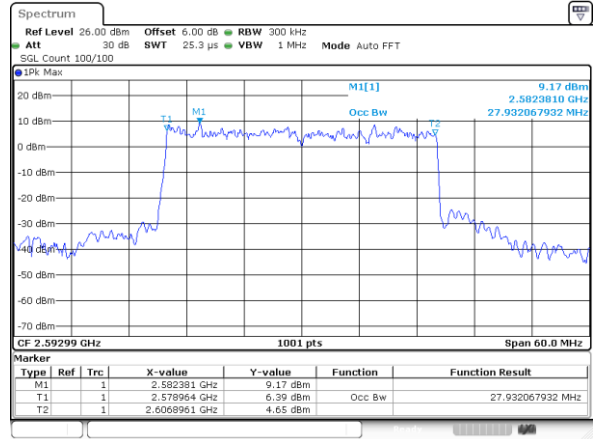


30MHz CP

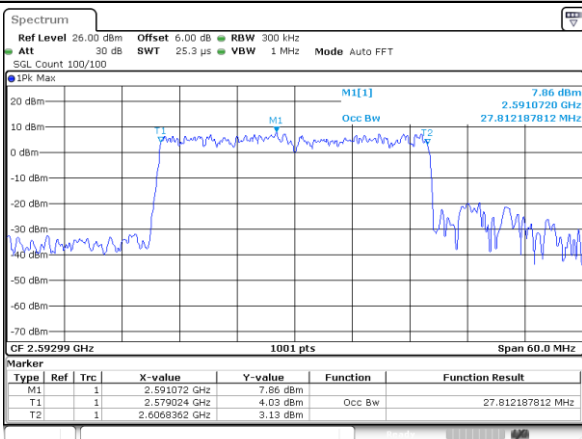
QPSK



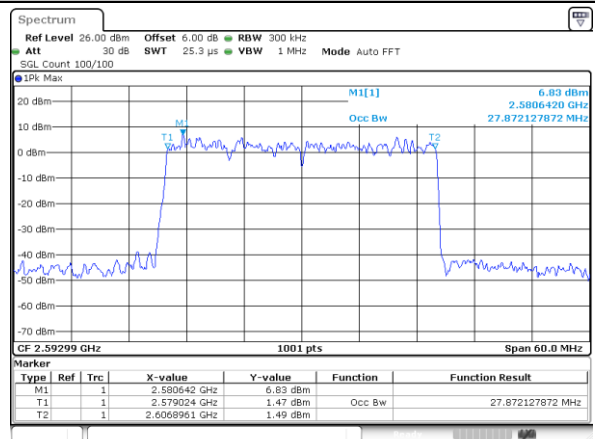
16QAM



64QAM



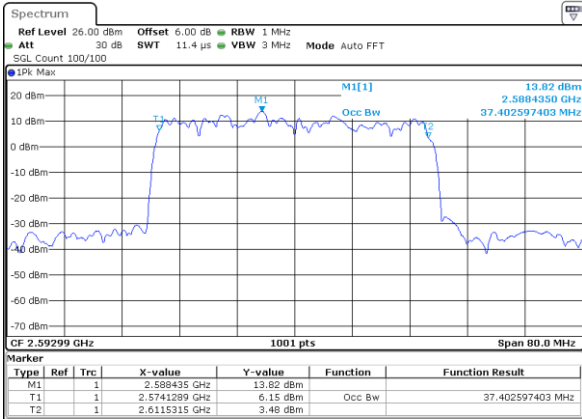
256QAM



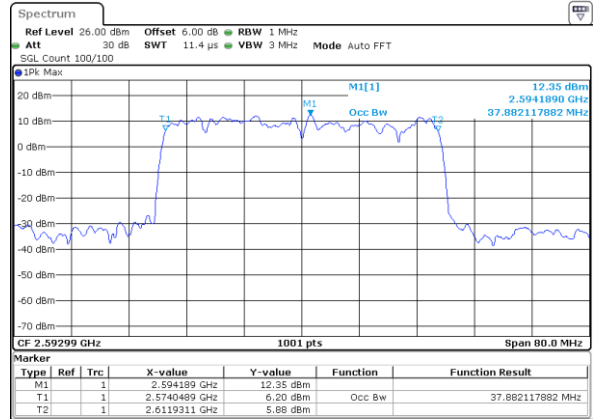


40MHz CP

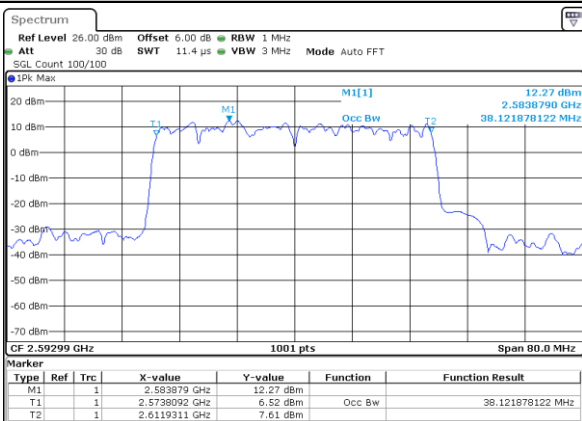
QPSK



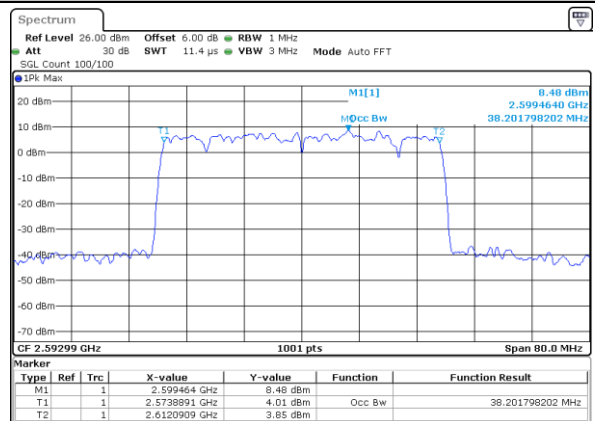
16QAM



64QAM



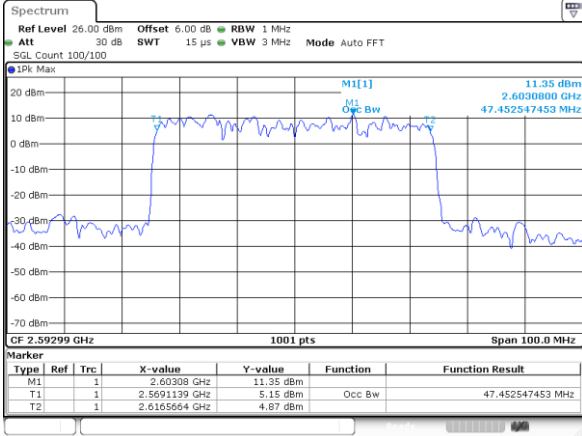
256QAM



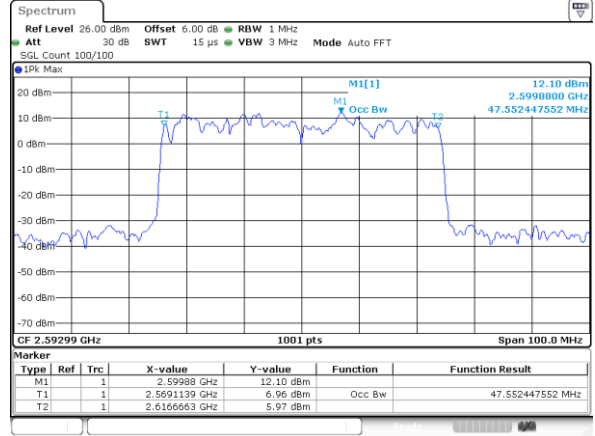


50MHz CP

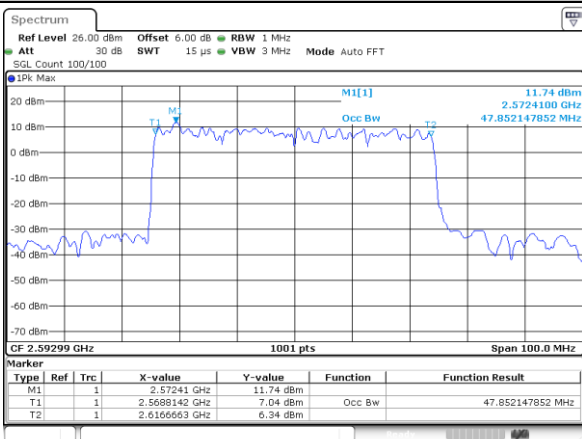
QPSK



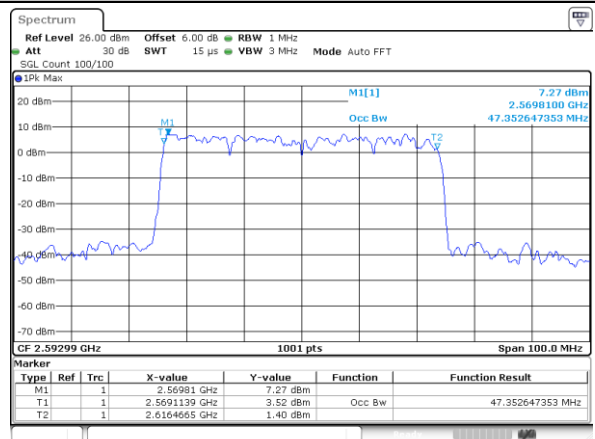
16QAM



64QAM



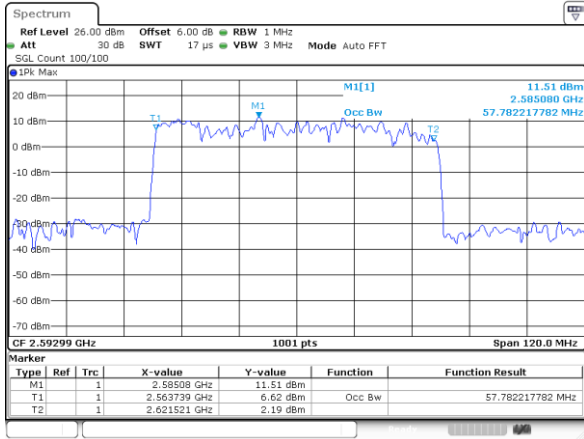
256QAM



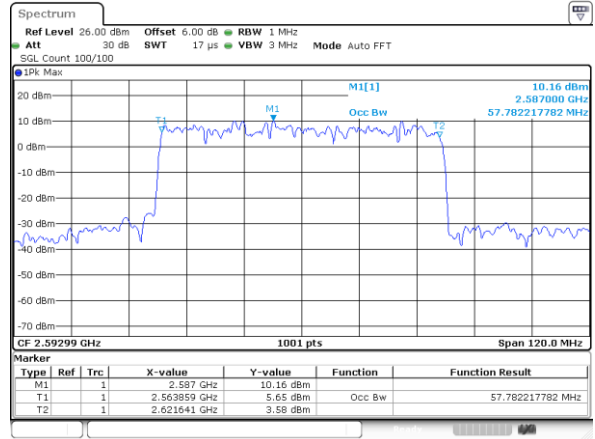


60MHz CP

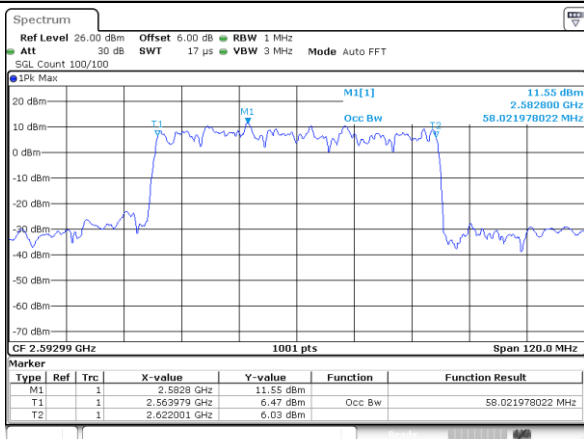
QPSK



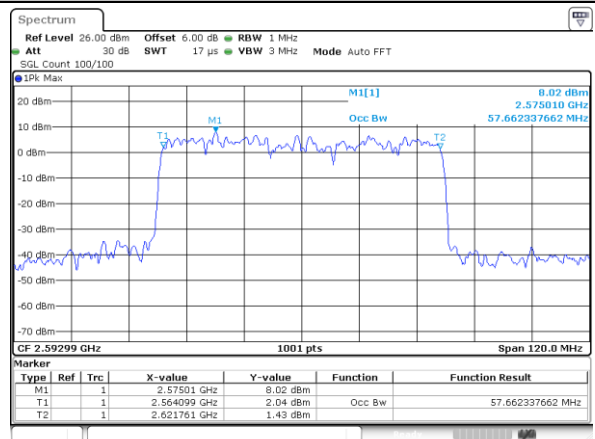
16QAM



64QAM



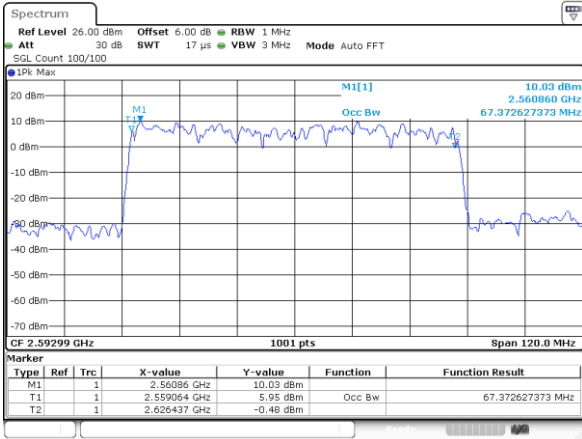
256QAM



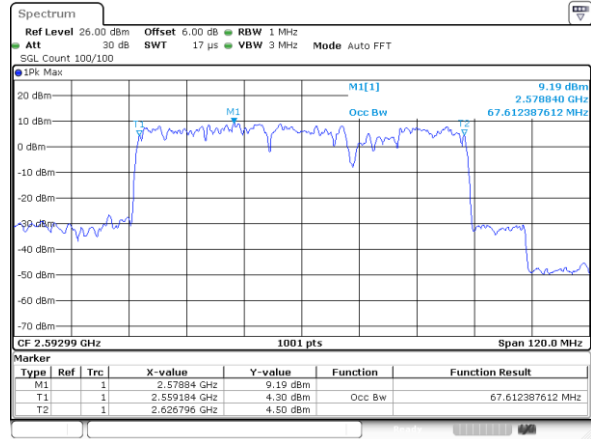


70MHz CP

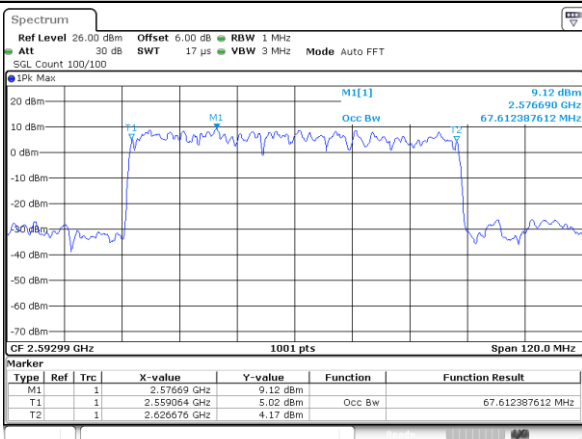
QPSK



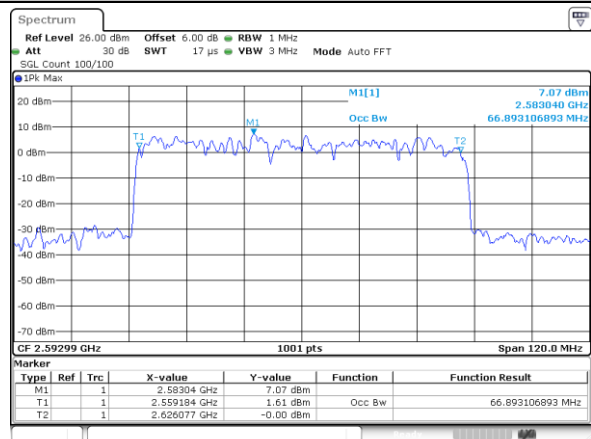
16QAM



64QAM



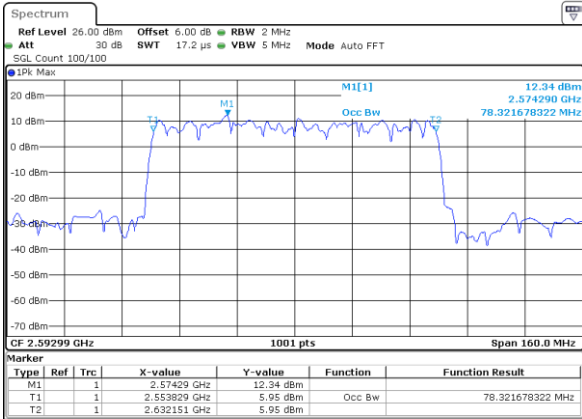
256QAM



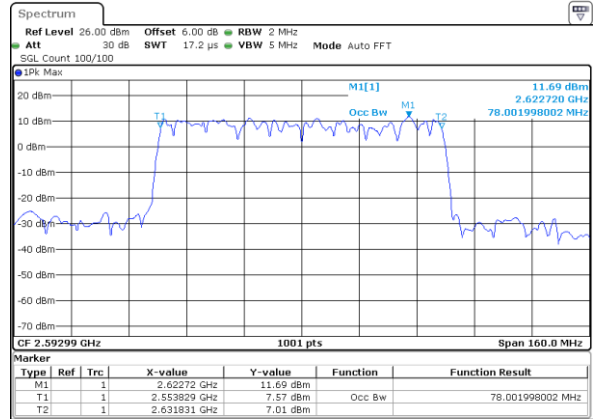


80MHz CP

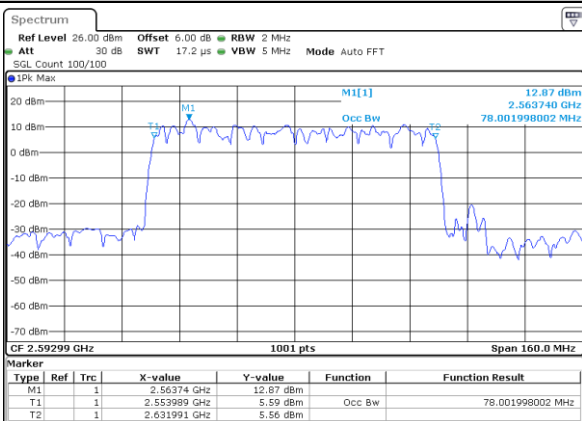
QPSK



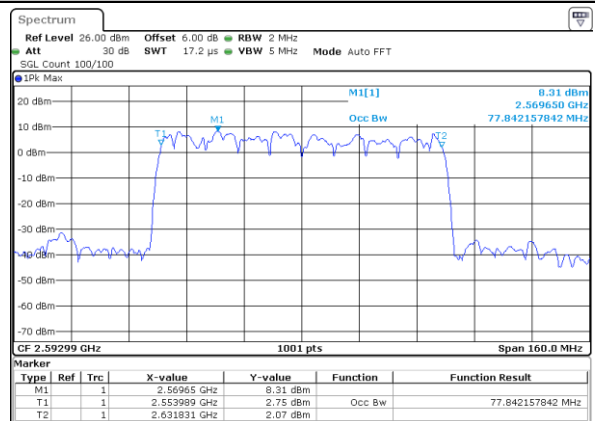
16QAM



64QAM



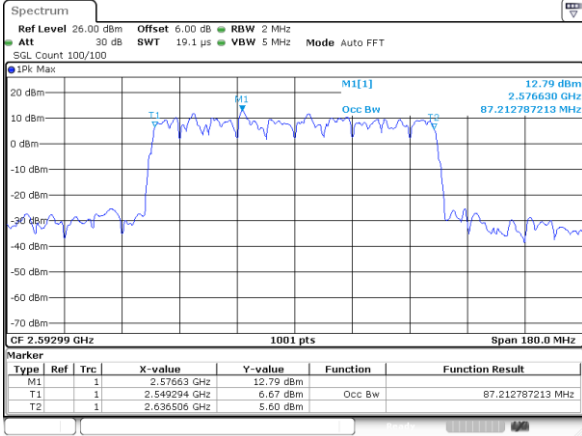
256QAM



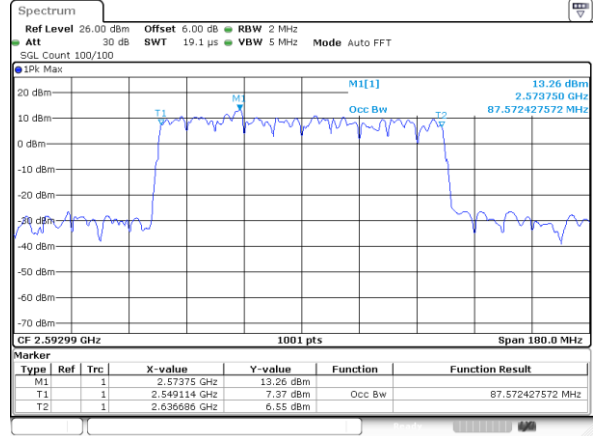


90MHz CP

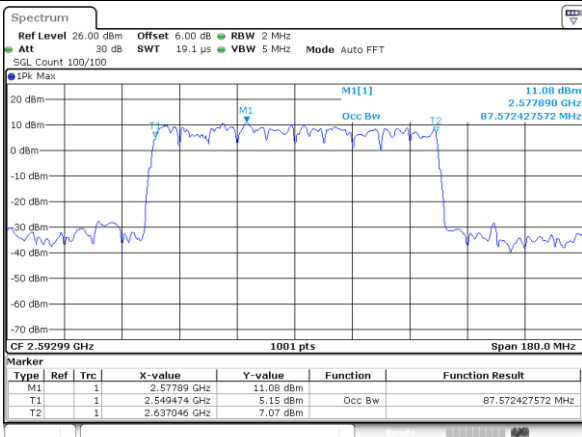
QPSK



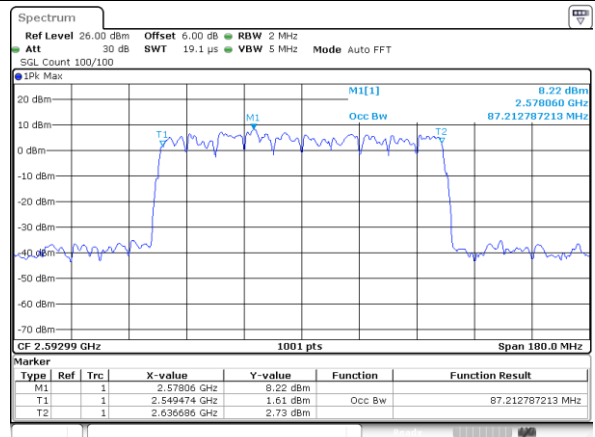
16QAM



64QAM



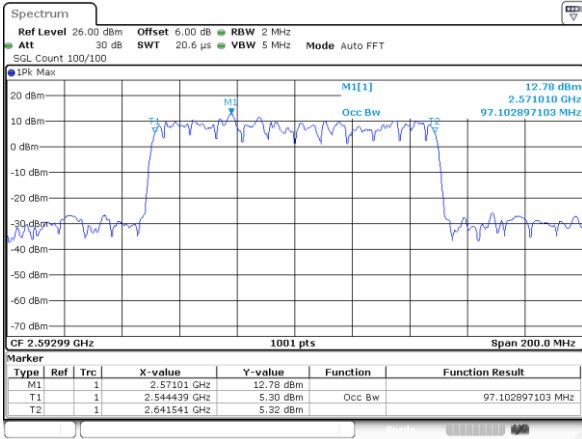
256QAM



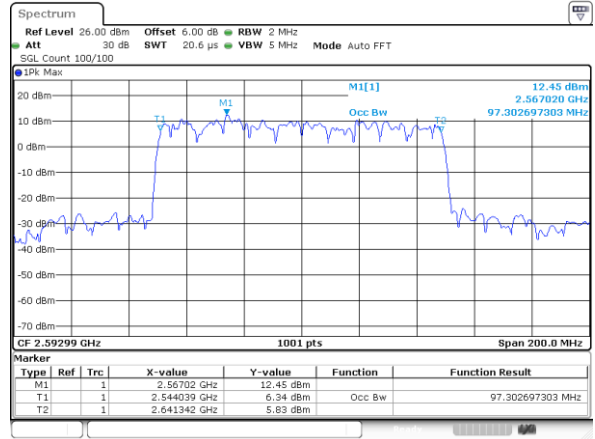


100MHz CP

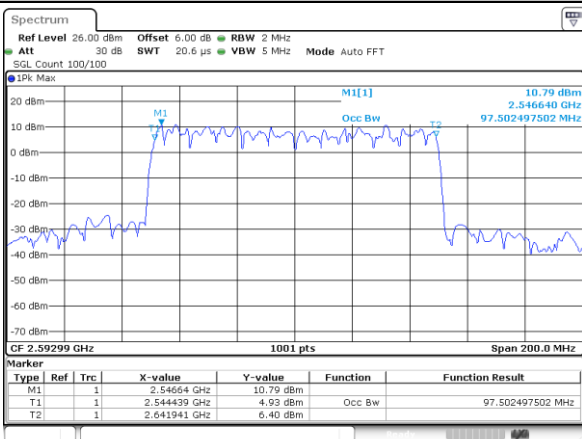
QPSK



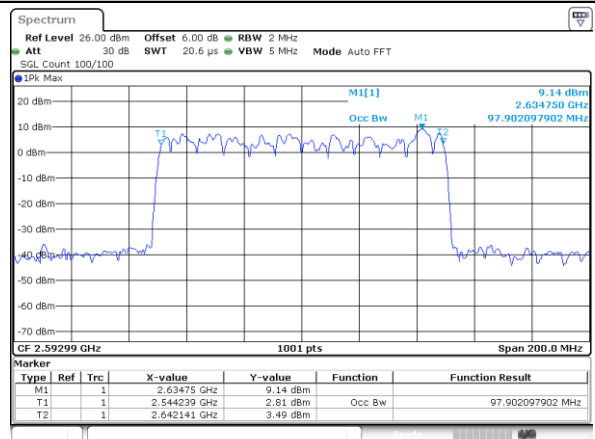
16QAM



64QAM



256QAM



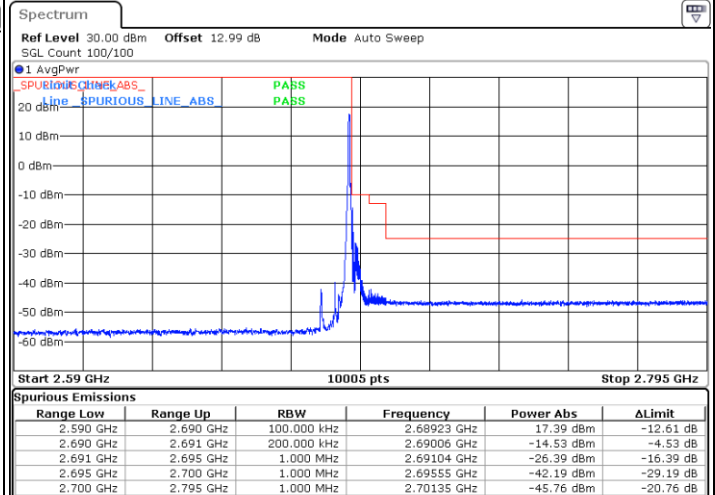
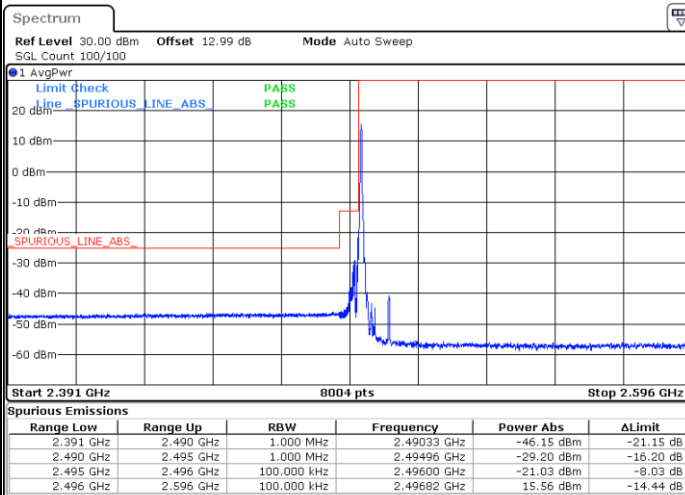


Conducted Band Edge

FR1 n41 / 10MHz / DFT OFDM / PI/2 BPSK

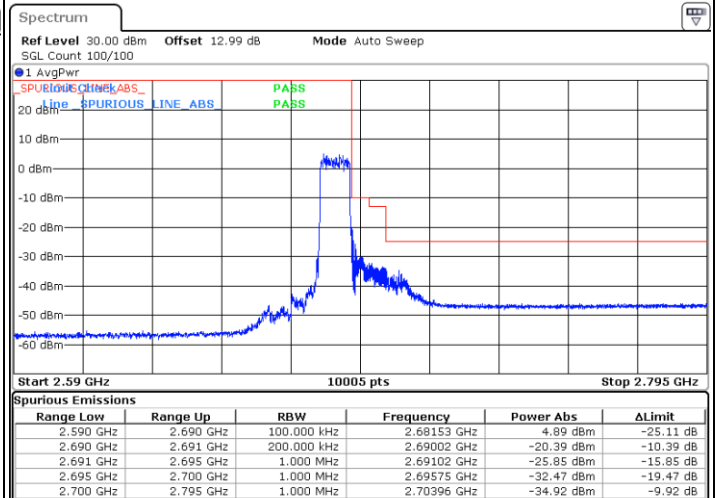
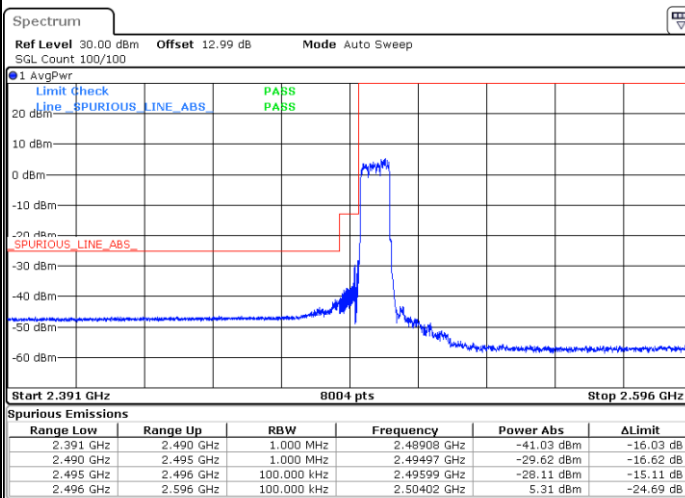
Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



Lowest Band Edge / Full RB

Highest Band Edge / Full RB

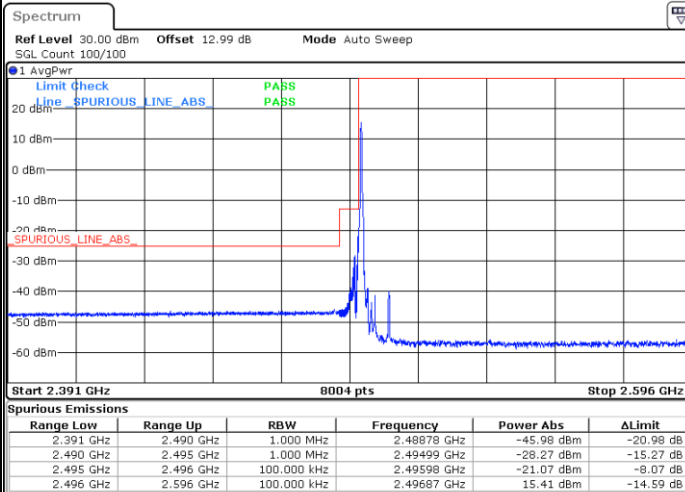




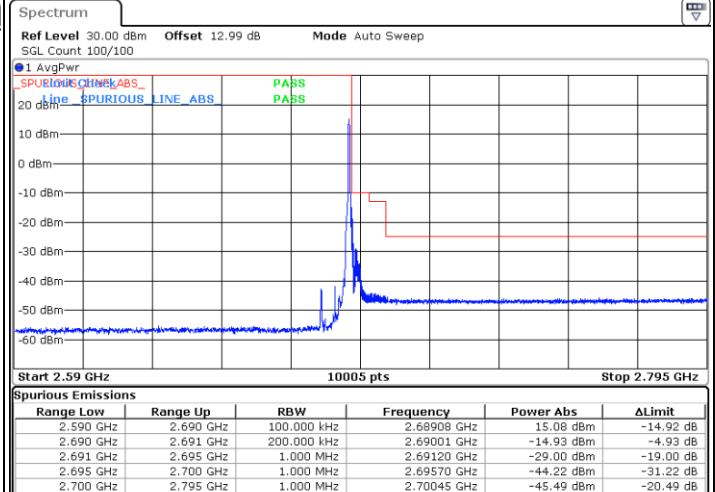
FR1 n41 / 10MHz / DFT OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



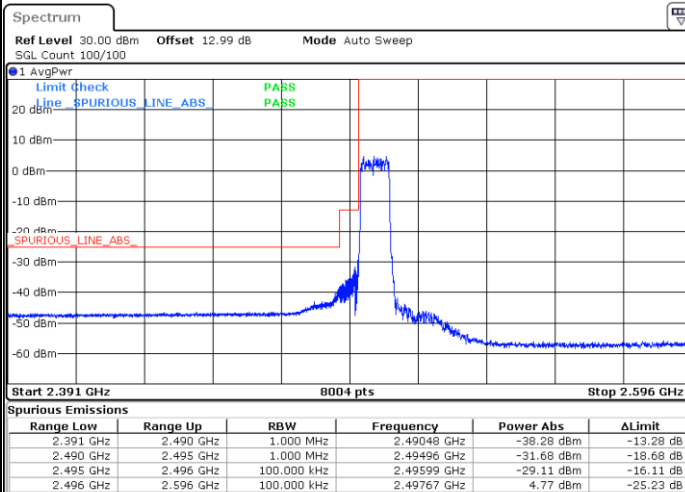
Date: 10.SEP.2022 02:03:32



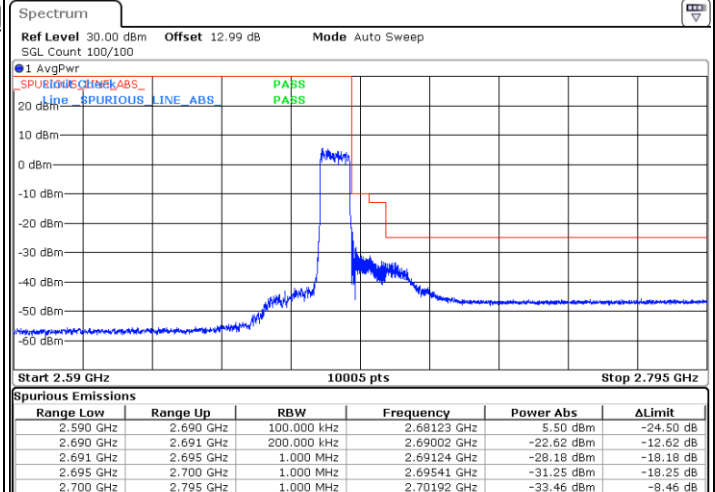
Date: 10.SEP.2022 01:58:10

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10.SEP.2022 02:02:04



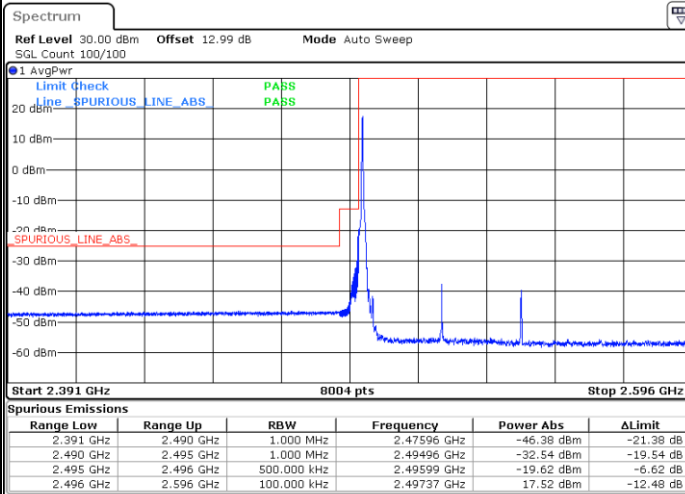
Date: 10.SEP.2022 02:00:31



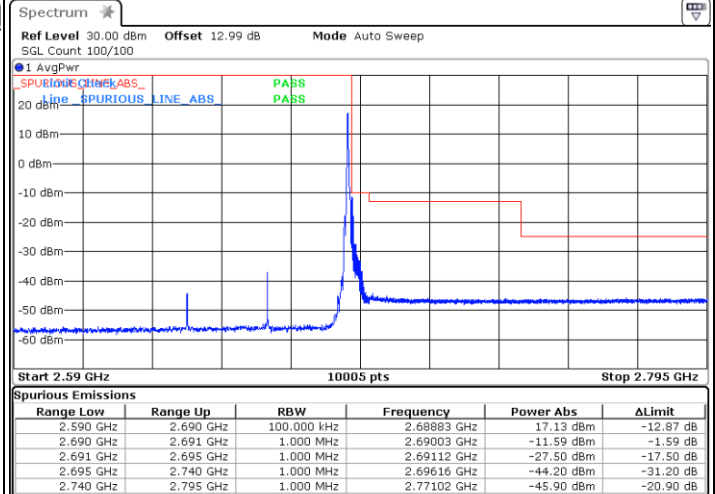
FR1 n41 / 50MHz / DFT OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



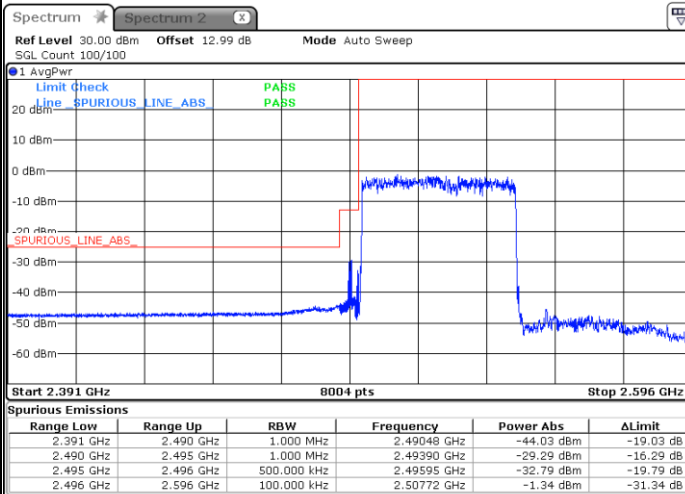
Date: 10.SEP.2022 01:46:33



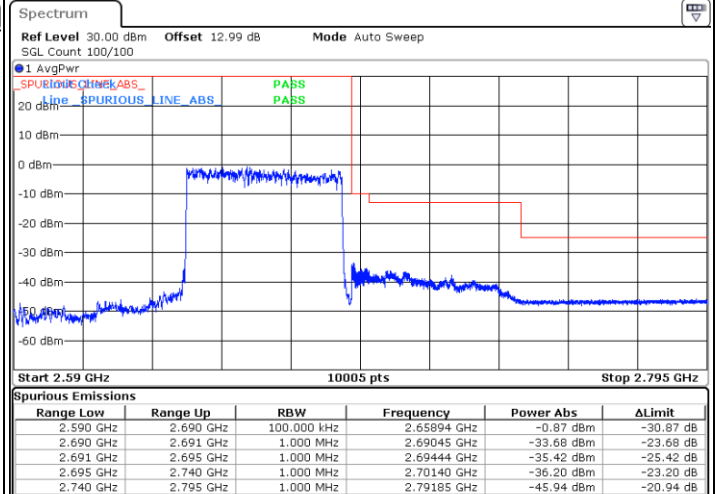
Date: 10.SEP.2022 01:43:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10.SEP.2022 02:59:03



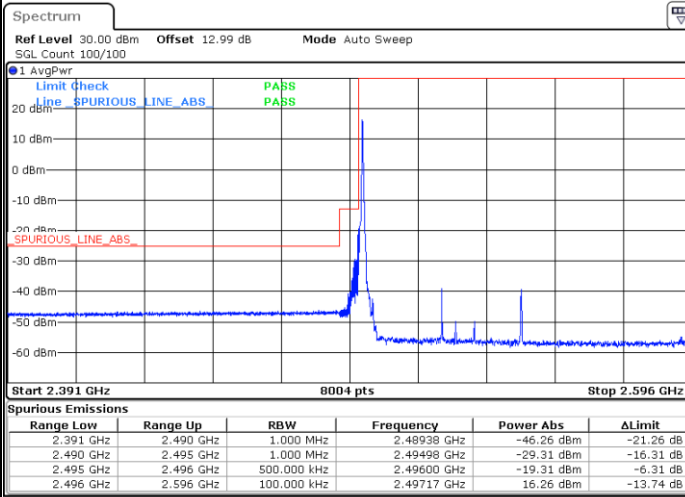
Date: 10.SEP.2022 01:44:46



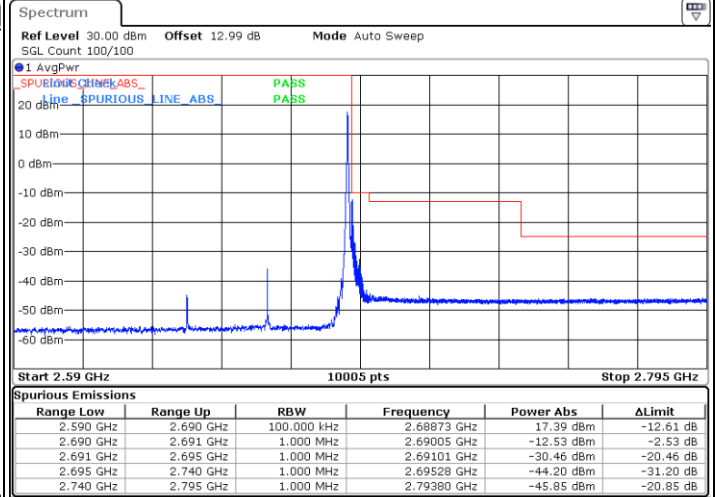
FR1 n41 / 50MHz / DFT OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax



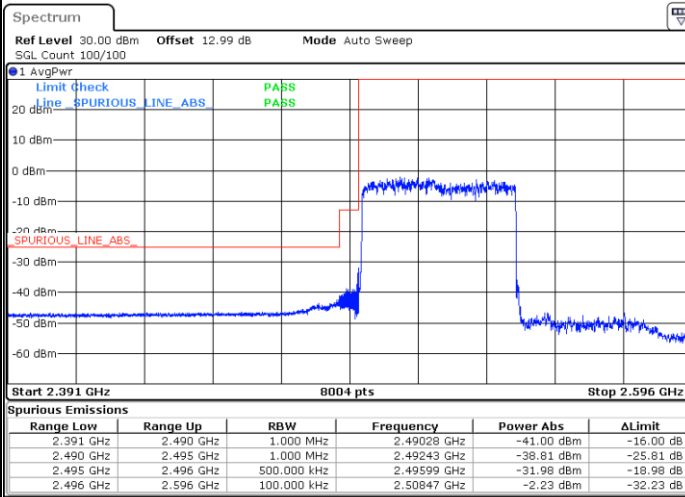
Date: 10.SEP.2022 01:46:07



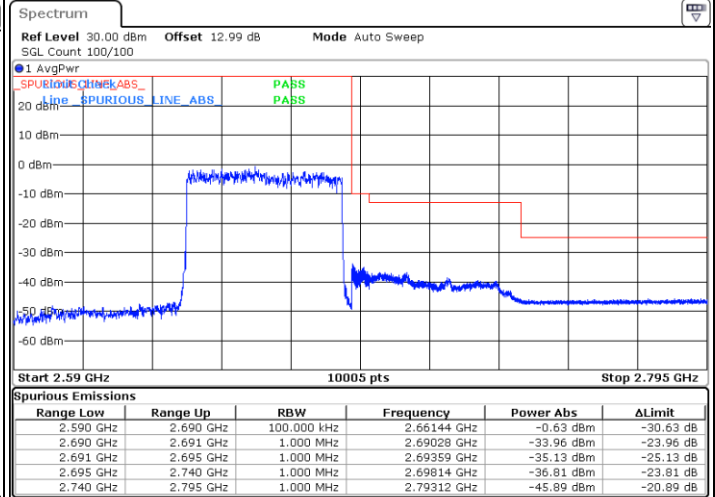
Date: 10.SEP.2022 01:43:57

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10.SEP.2022 01:45:42



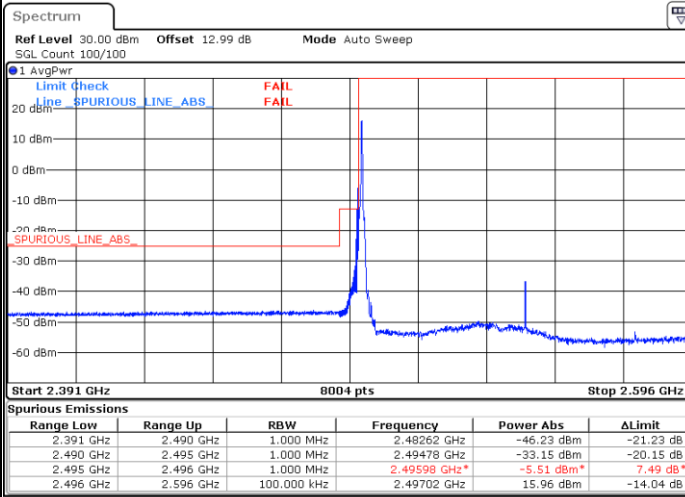
Date: 10.SEP.2022 01:44:25



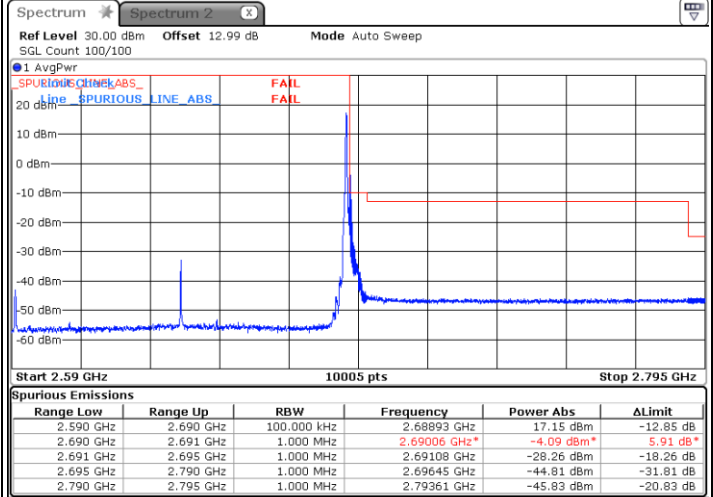
FR1 n41 / 100MHz / DFT OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

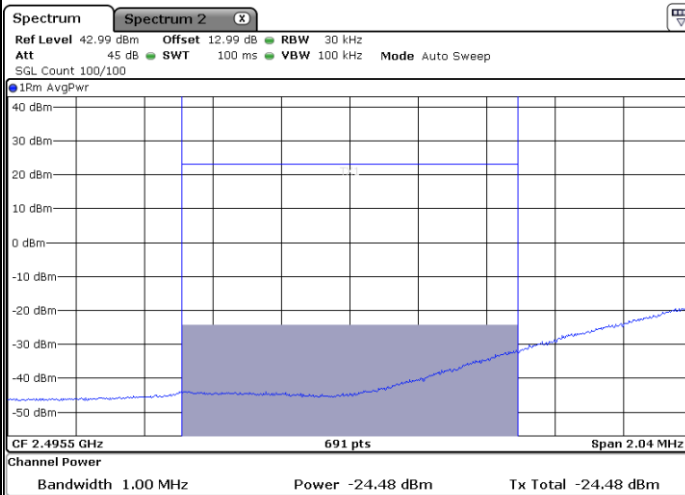
Highest Band Edge / 1RBmax



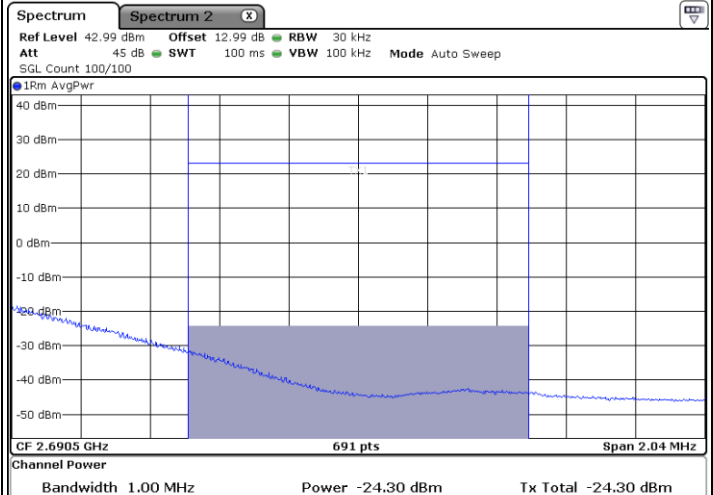
Date: 10.SEP.2022 01:23:40



Date: 10.SEP.2022 03:05:23



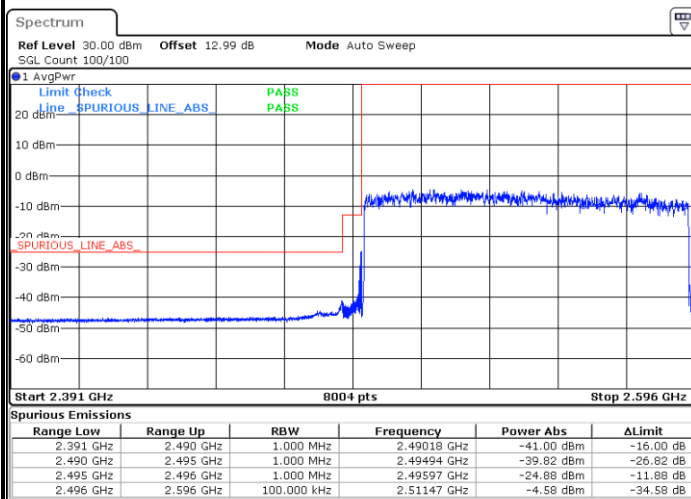
Date: 10.SEP.2022 03:01:12



Date: 10.SEP.2022 03:03:54

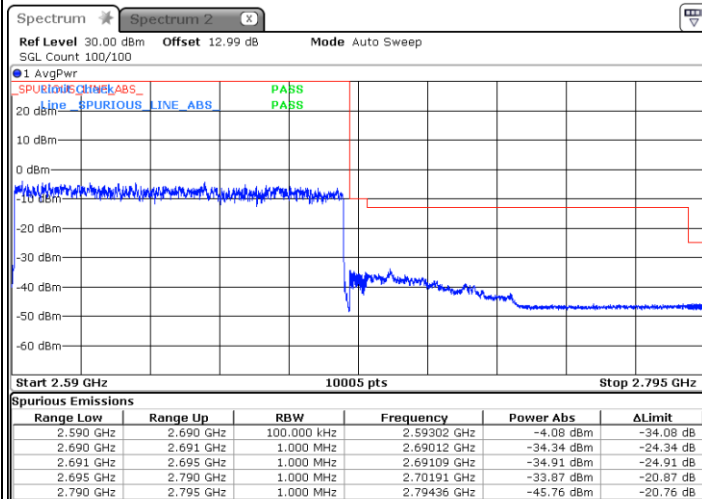


Lowest Band Edge / Full RB



Date: 10.SEP.2022 01:25:10

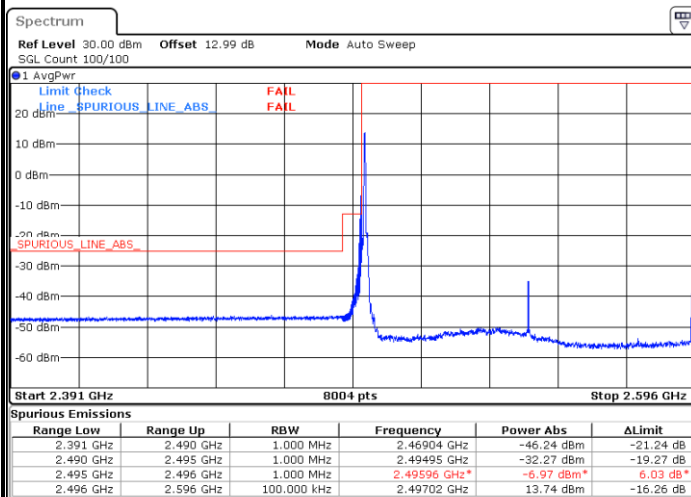
Highest Band Edge / Full RB



Date: 10.SEP.2022 03:06:59

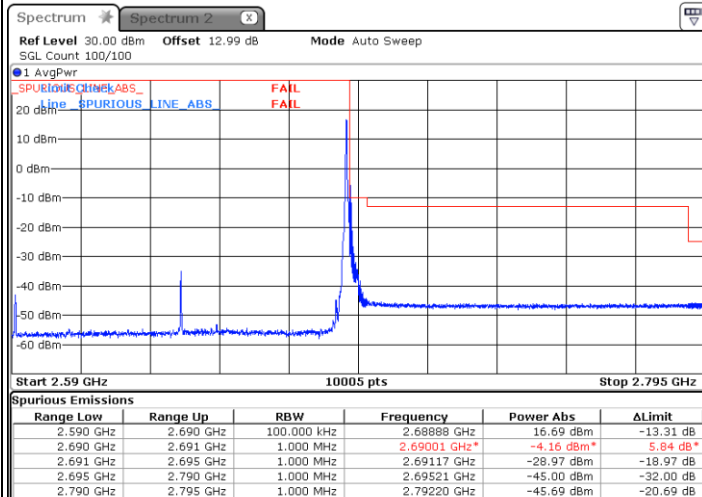
FR1 n41 / 100MHz / DFT OFDM / QPSK

Lowest Band Edge / 1RB0

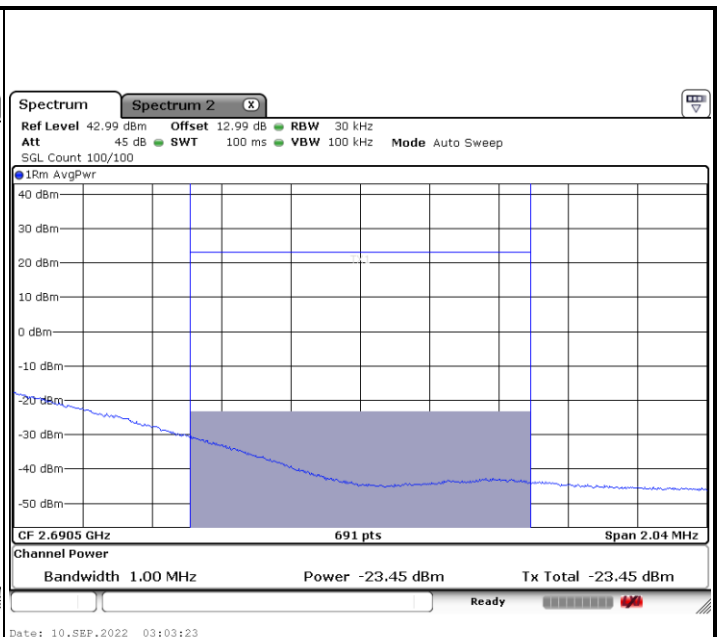
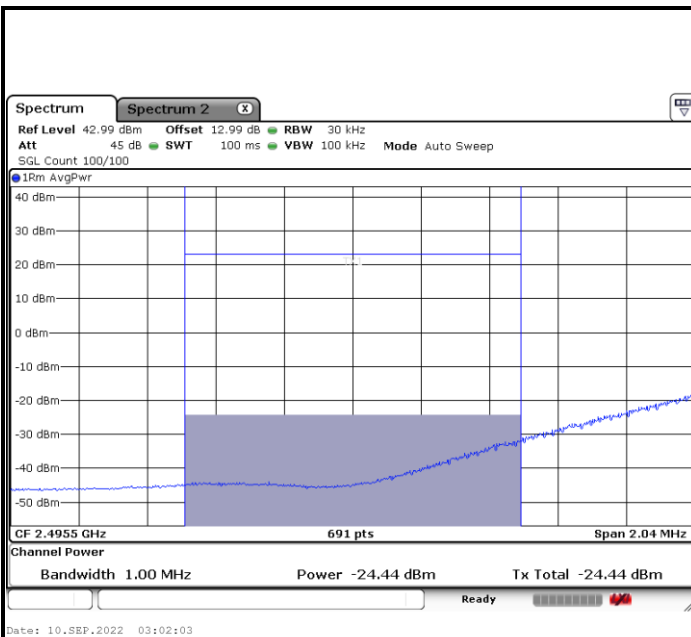


Date: 10.SEP.2022 01:24:16

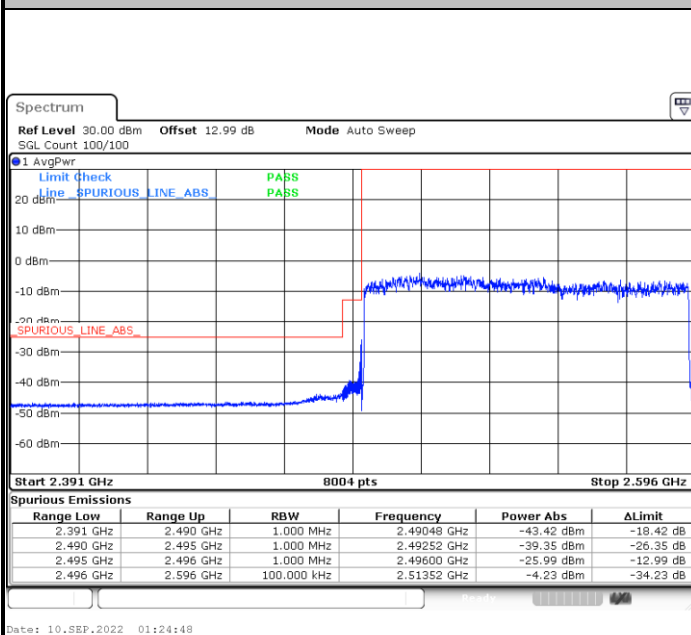
Highest Band Edge / 1RBmax



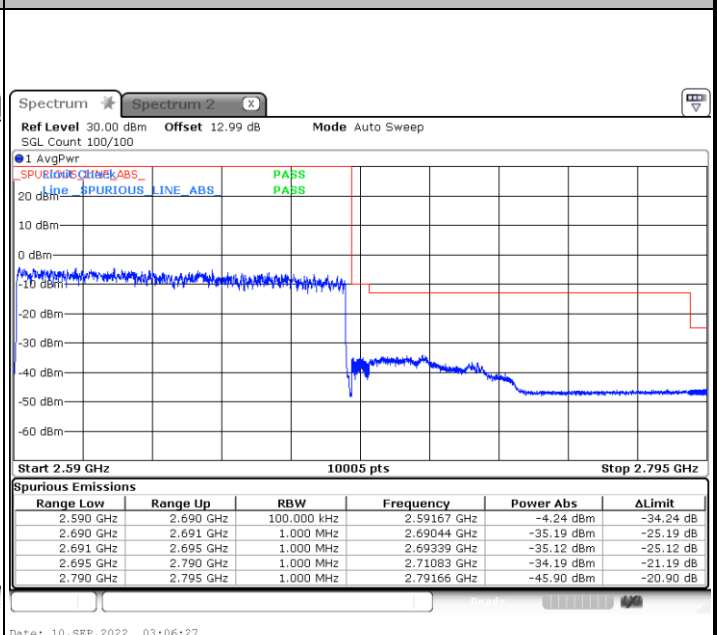
Date: 10.SEP.2022 03:05:51



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

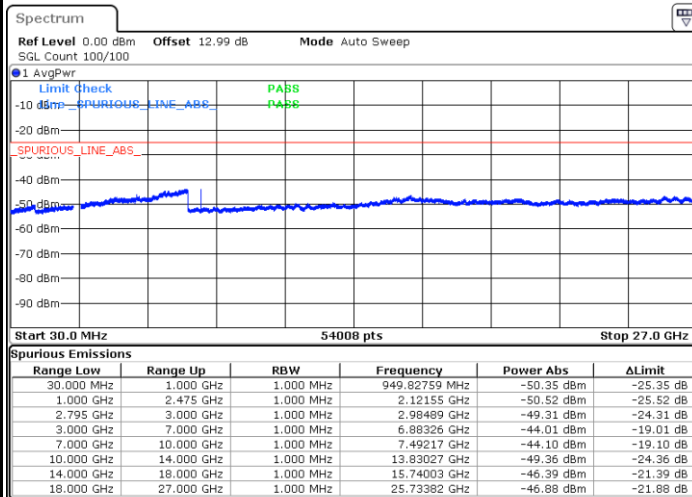




Conducted Spurious Emission

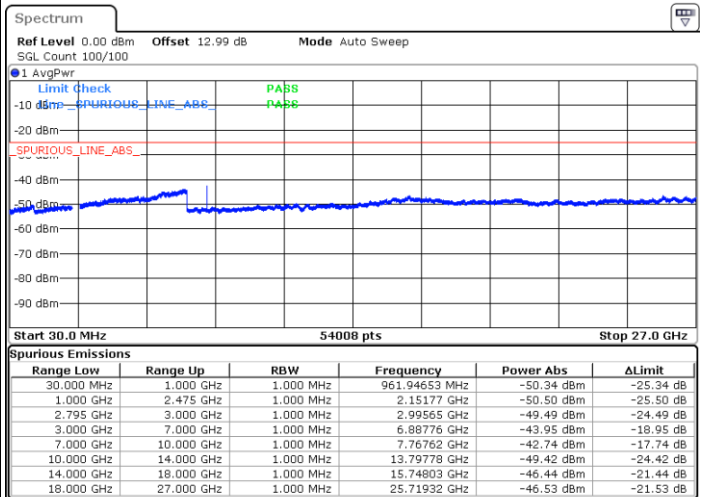
FR1 n41 / 10MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB1



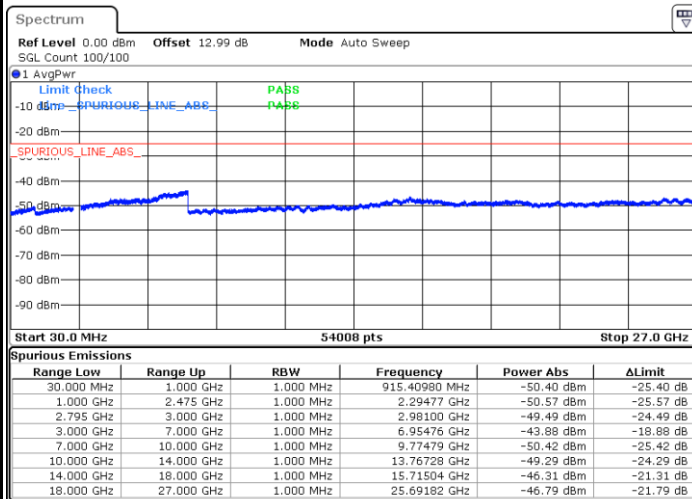
Date: 10.SEP.2022 01:53:06

Middle Channel / 1RB1



Date: 10.SEP.2022 01:48:15

Highest Channel / 1RB1



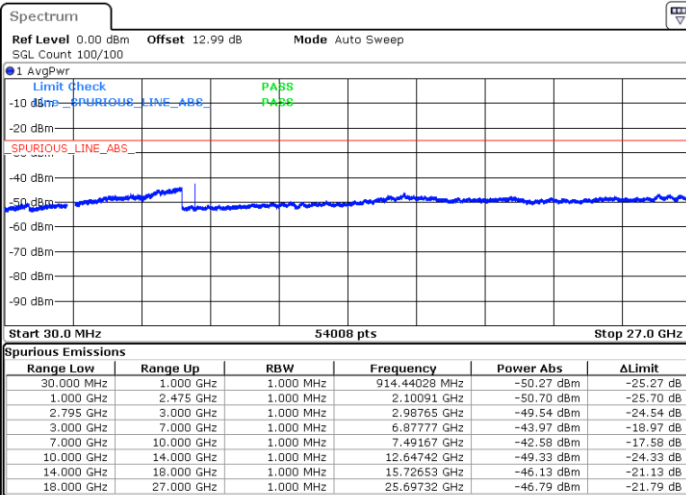
Date: 10.SEP.2022 01:55:43



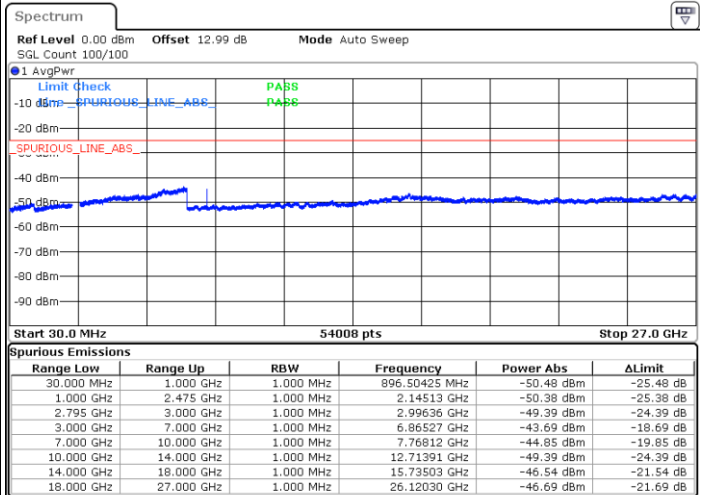
FR1 n41 / 10MHz / DFT-S OFDM /QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

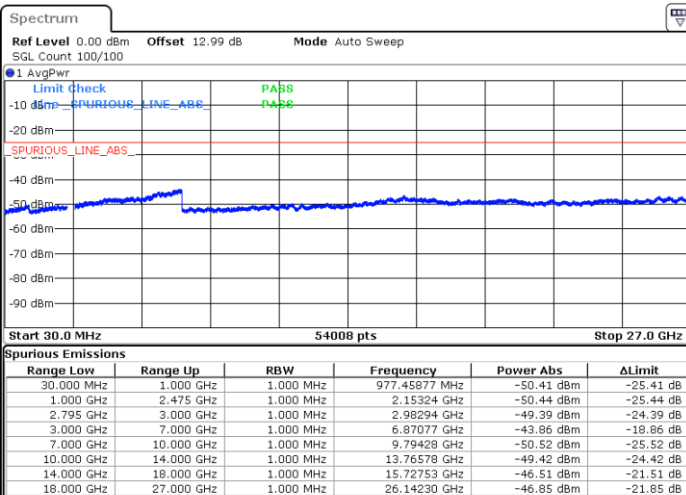


Date: 10.SEP.2022 01:51:31



Date: 10.SEP.2022 01:49:13

Highest Channel / 1RB1



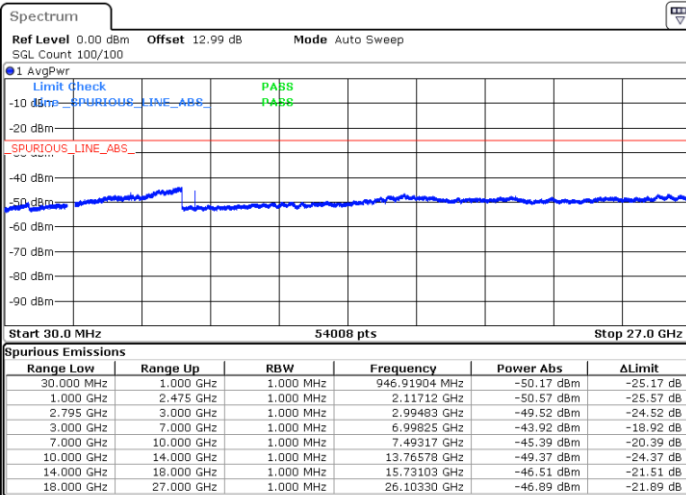
Date: 10.SEP.2022 01:57:31



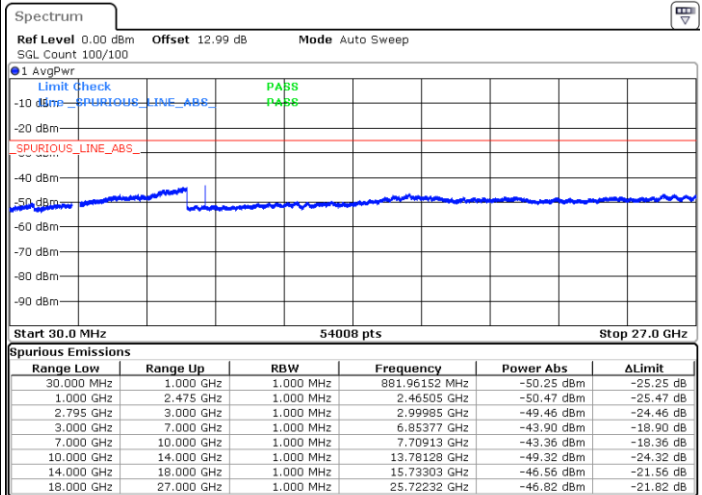
FR1 n41 /50MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

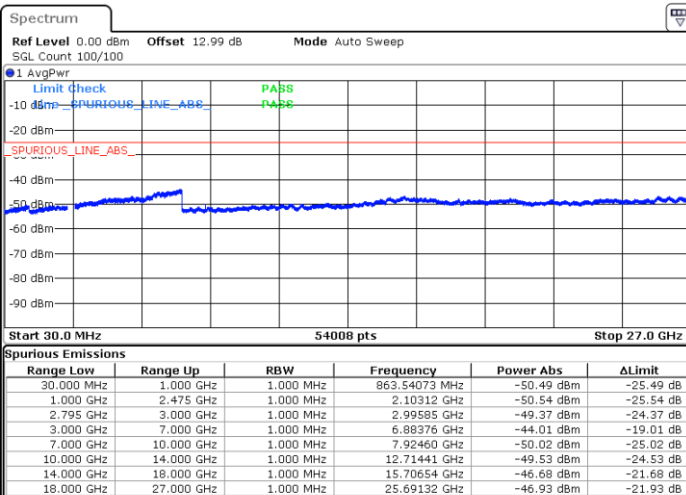


Date: 10.SEP.2022 01:40:02



Date: 10.SEP.2022 01:36:16

Highest Channel / 1RB1



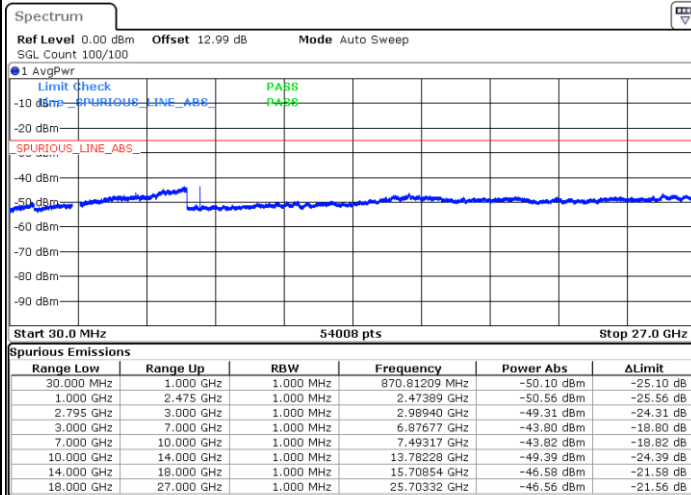
Date: 10.SEP.2022 01:41:12



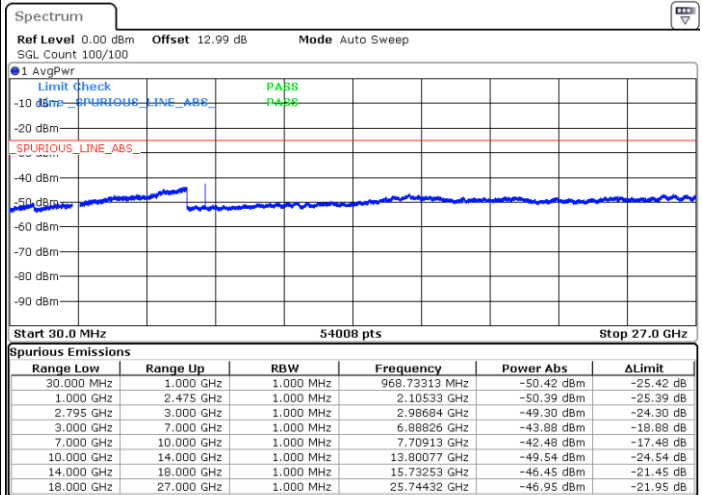
FR1 n41 /50MHz / DFT-S OFDM /QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

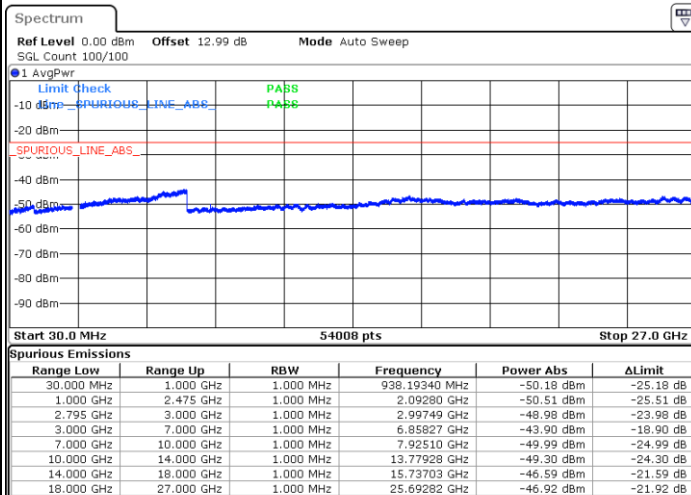


Date: 10.SEP.2022 01:38:44



Date: 10.SEP.2022 01:37:33

Highest Channel / 1RB1



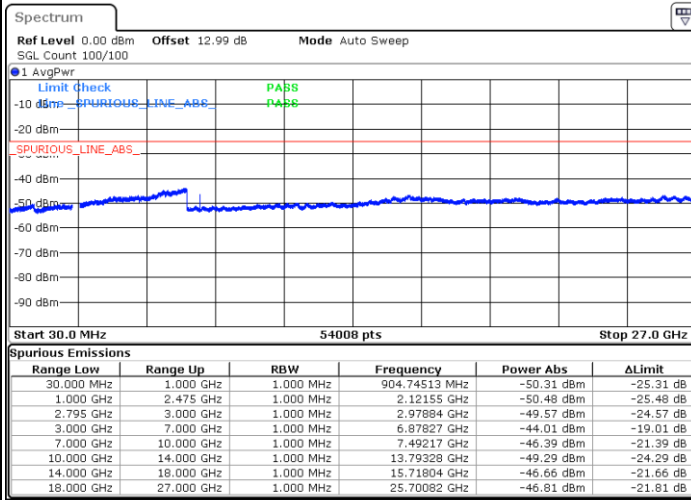
Date: 10.SEP.2022 01:42:26



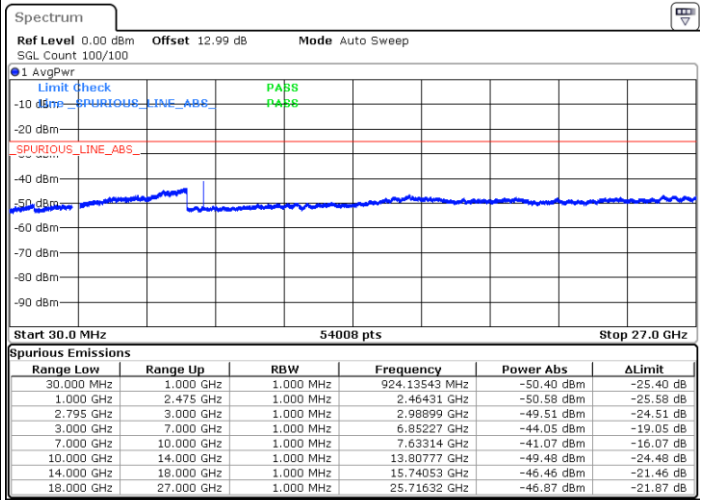
FR1 n41 /100MHz / DFT-S OFDM / BPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

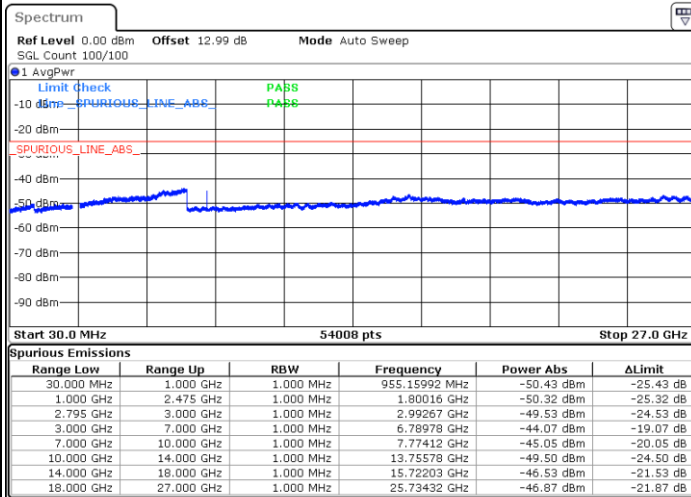


Date: 10.SEP.2022 01:29:03



Date: 10.SEP.2022 01:31:55

Highest Channel / 1RB1



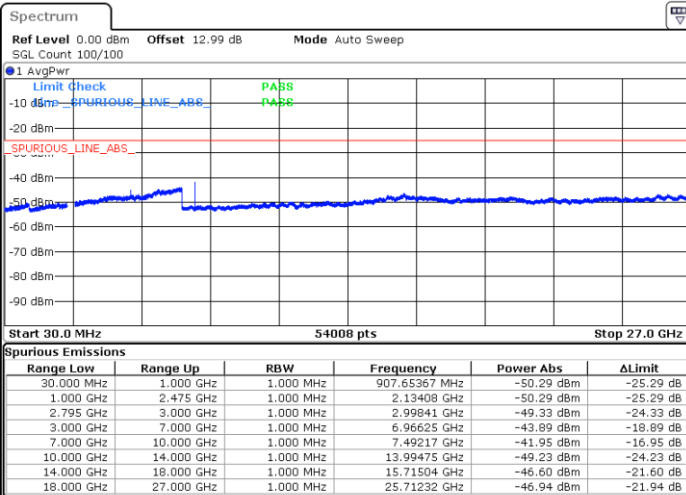
Date: 10.SEP.2022 01:33:19



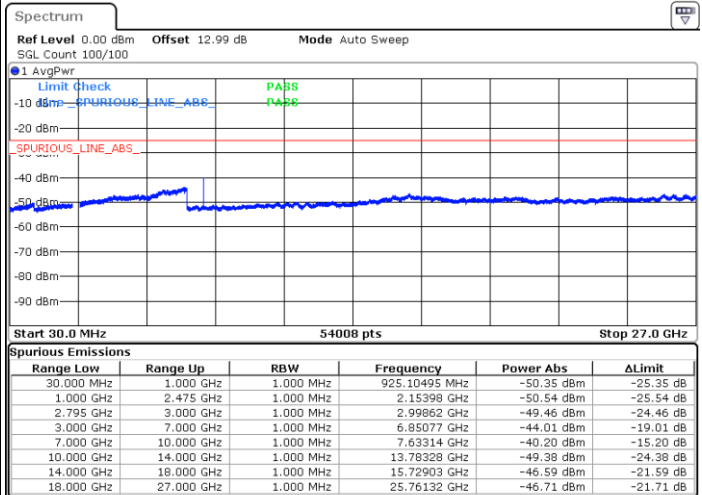
FR1 n41 /100MHz / DFT-S OFDM /QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

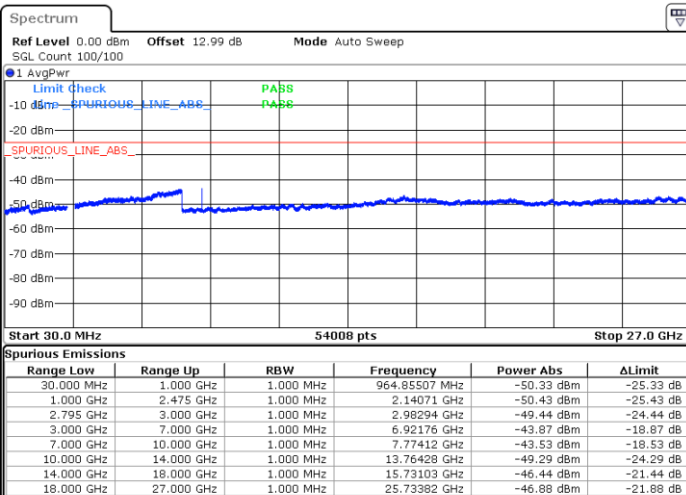


Date: 10.SEP.2022 01:13:11



Date: 10.SEP.2022 01:10:37

Highest Channel / 1RB1



Date: 10.SEP.2022 01:14:19

Frequency Stability

Test Conditions		FR1 n41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0021	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0032	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0001	
20	Battery End Point	0.0003	

Note:

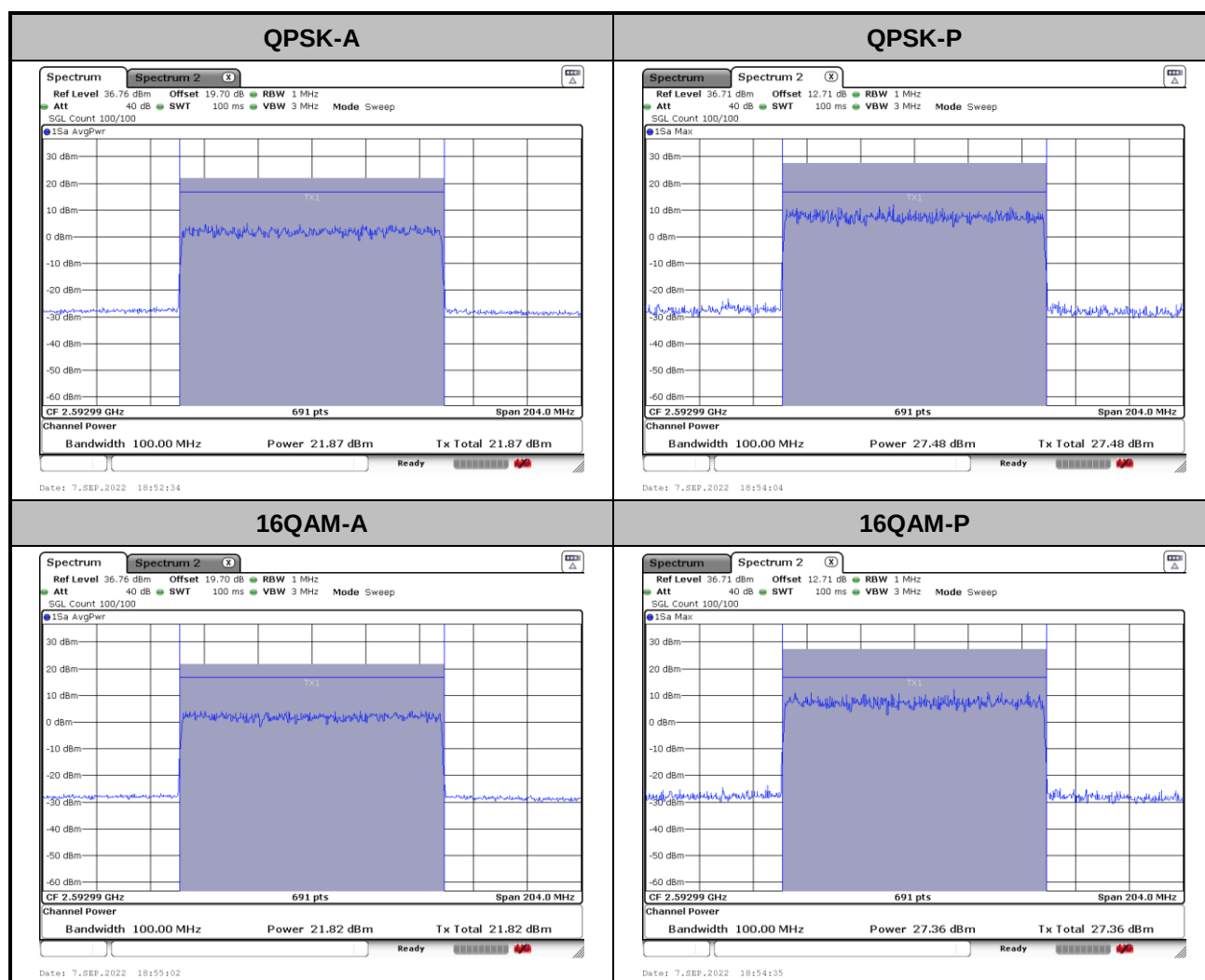
1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.48 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



FR1 n41 UL MIMO

Peak-to-Average Ratio

Mode	FR1 n41 / 100MHz / CP OFDM				
Mod.	100M				Limit: 13dB
RB Size	QPSK	16QAM			Result
Middle CH	5.61	5.54			PASS



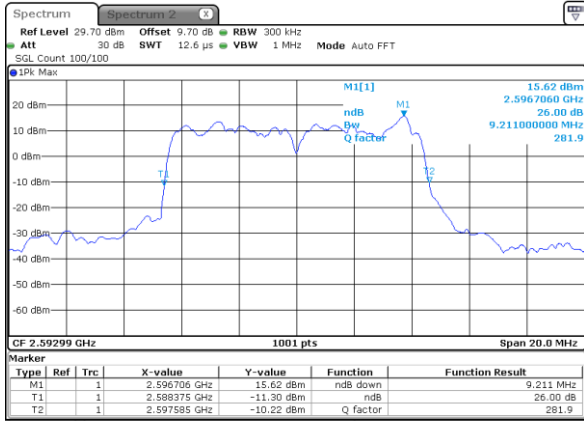
26dB Bandwidth

Mode	FR1 n41 : 26dB BW(10 MHz) / CP OFDM			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	9.21	9.27	9.81	9.85
Mode	FR1 n41 : 26dB BW(15 MHz) / CP OFDM			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	14.36	14.30	15.08	14.99
Mode	FR1 n41 : 26dB BW(20 MHz) / CP OFDM			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	19.14	19.30	19.90	19.14
Mode	FR1 n41 : 26dB BW(30 MHz) / CP OFDM			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	29.07	29.49	28.77	28.77
Mode	FR1 n41 : 26dB BW(40 MHz) / CP OFDM			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	40.28	40.12	40.44	40.20
Mode	FR1 n41 : 26dB BW(50 MHz) / CP OFDM			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	49.75	49.65	49.75	49.65
Mode	FR1 n41 : 26dB BW(60 MHz) / CP OFDM			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	60.42	60.42	60.30	60.66
Mode	FR1 n41 : 26dB BW(70 MHz) / CP OFDM			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	69.89	70.25	70.01	70.13
Mode	FR1 n41 : 26dB BW(80 MHz) / CP OFDM			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	79.92	79.92	80.24	80.56
Mode	FR1 n41 : 26dB BW(90 MHz) / CP OFDM			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	92.25	92.25	92.43	92.43
Mode	FR1 n41 : 26dB BW(100 MHz) / CP OFDM			
Mod.	QPSK	16QAM	64QAM	256QAM
Middle CH	102.7	102.7	102.7	102.5

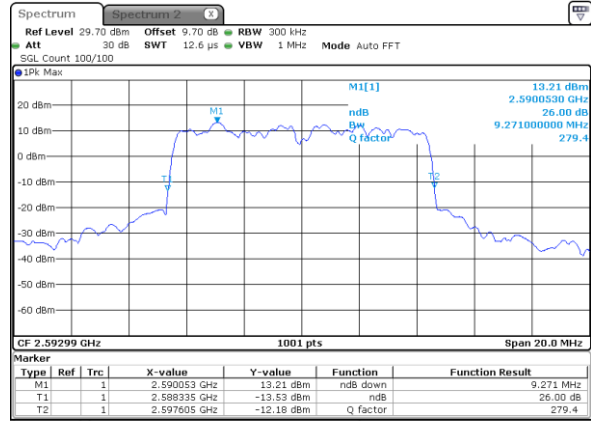


10MHz CP

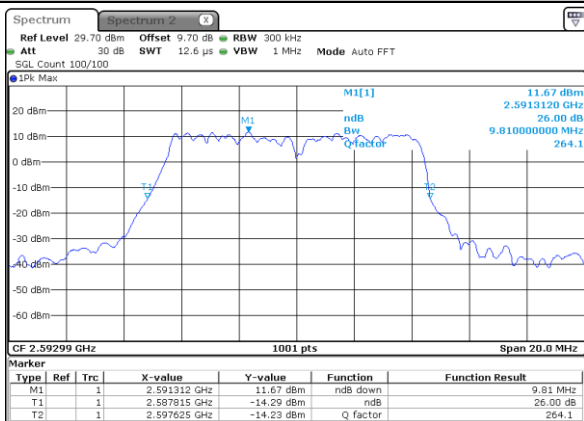
QPSK



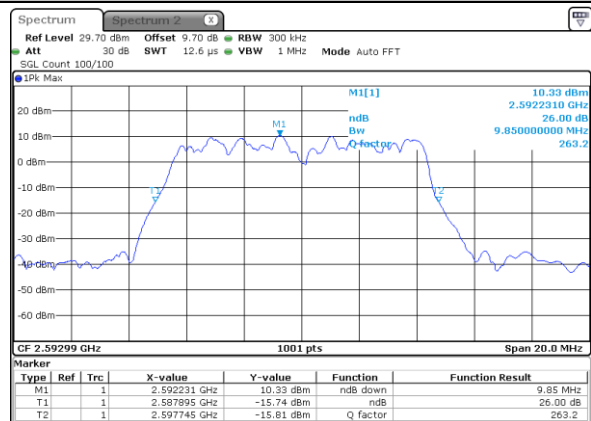
16QAM



64QAM



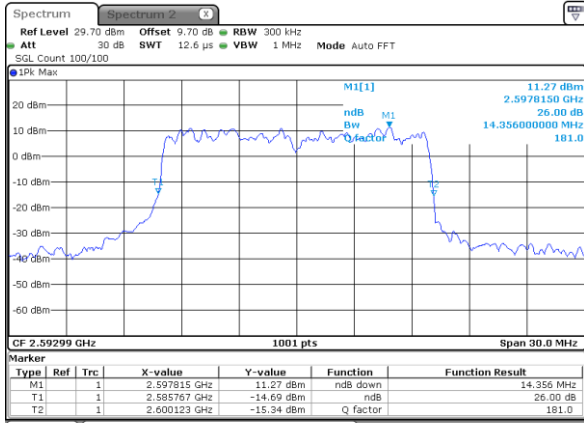
256QAM





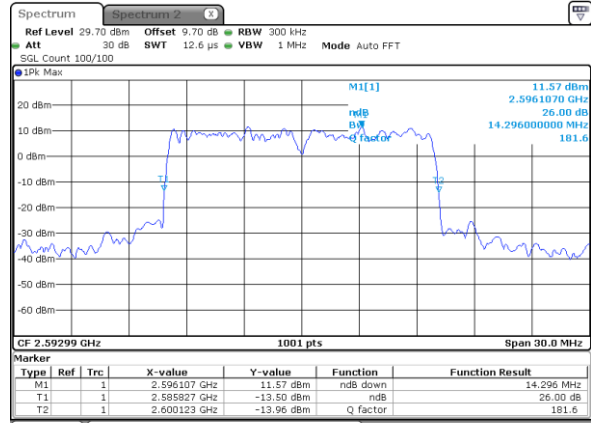
15MHz CP

QPSK



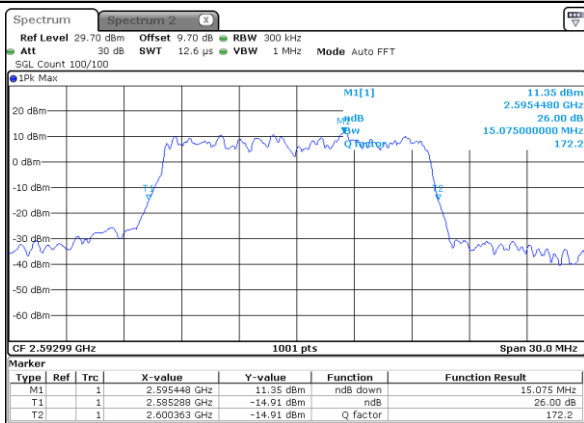
Date: 10,SEP,2022 03:40:33

16QAM



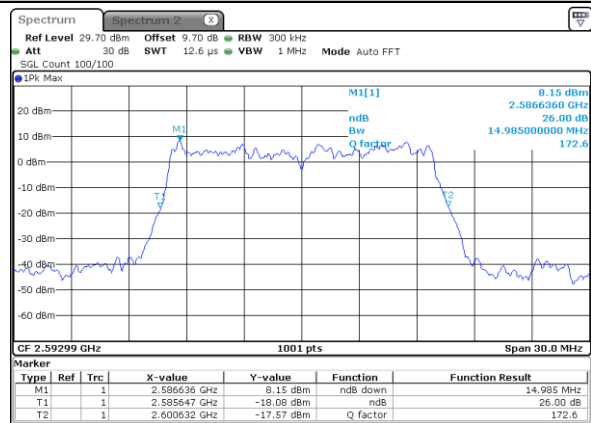
Date: 10,SEP,2022 03:40:51

64QAM



Date: 10,SEP,2022 03:41:09

256QAM

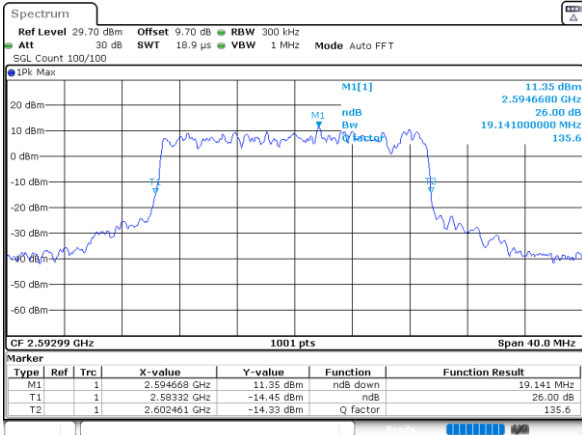


Date: 10,SEP,2022 03:41:29



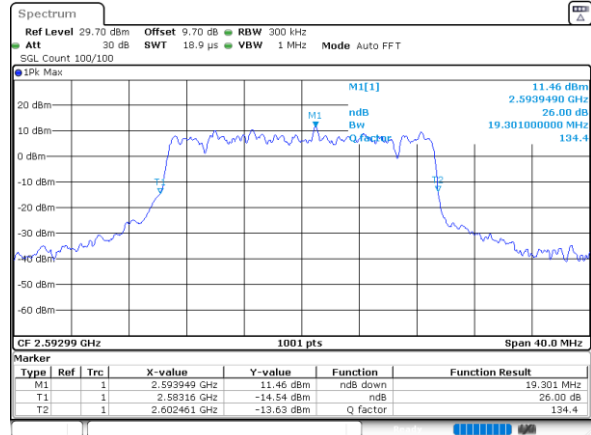
20MHz CP

QPSK



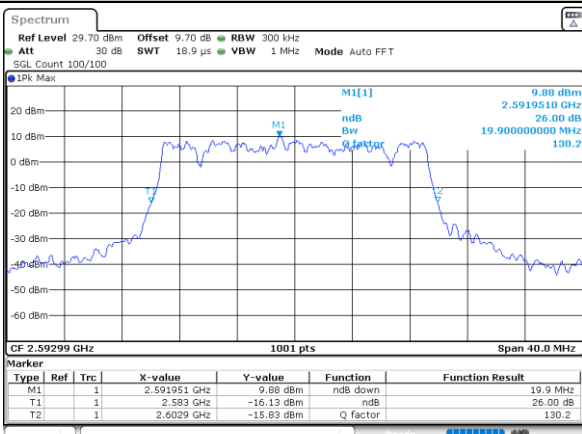
Date: 7,SEP,2022 16:08:56

16QAM



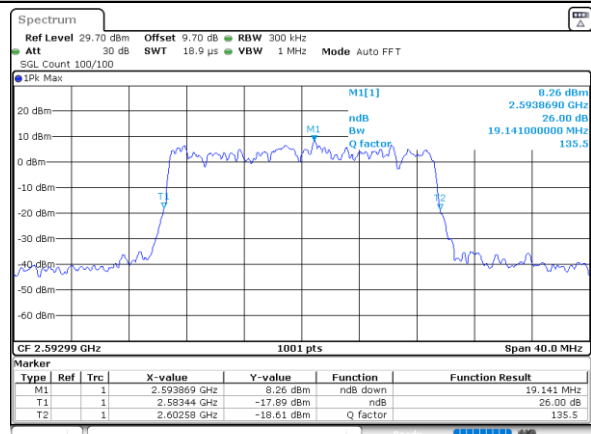
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64QAM



Date: 7,SEP,2022 16:10:30

256QAM

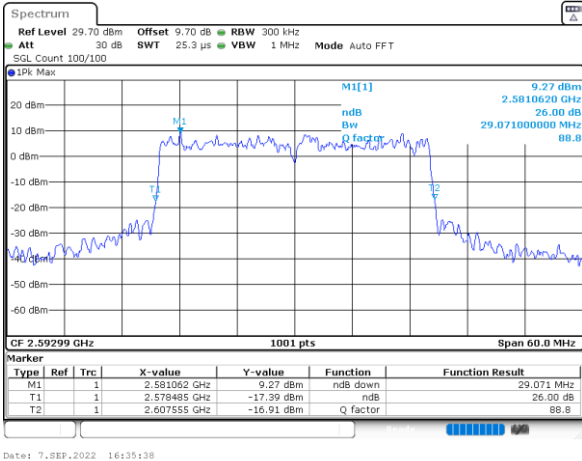


Date: 7,SEP,2022 16:12:33

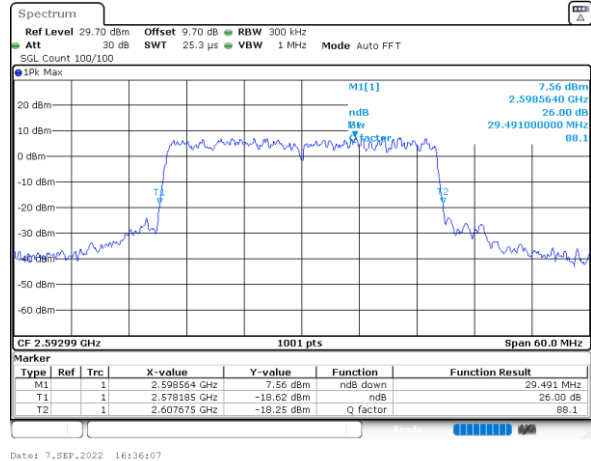


30MHz CP

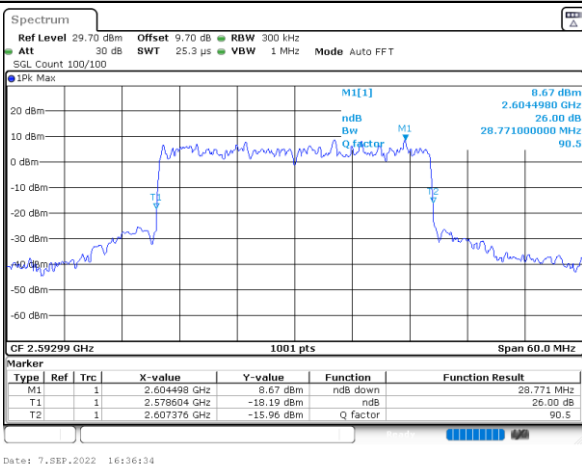
QPSK



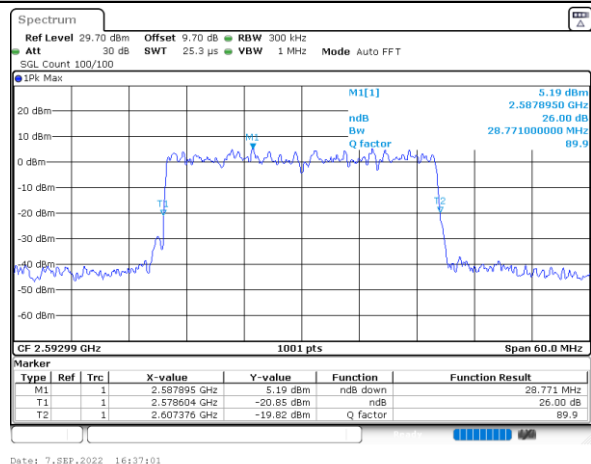
16QAM



64QAM



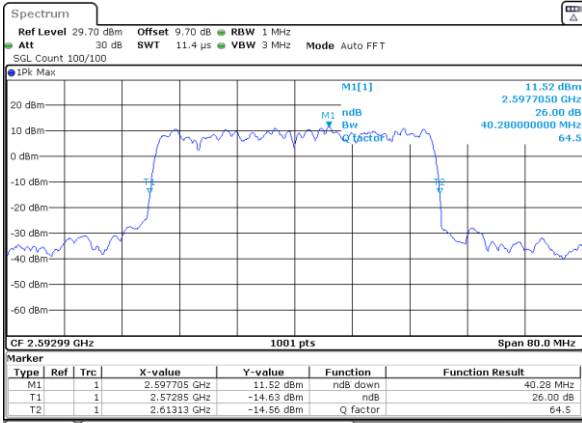
256QAM





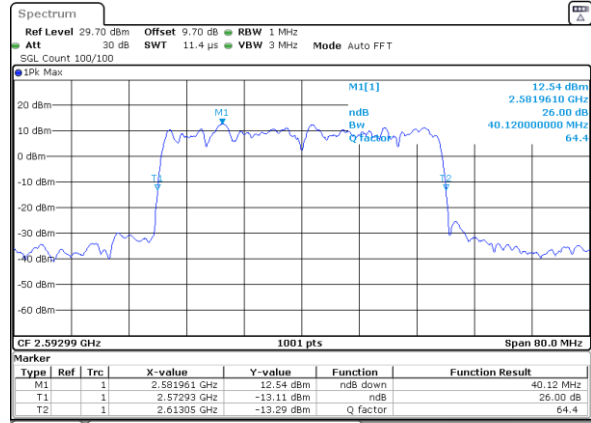
40MHz CP

QPSK



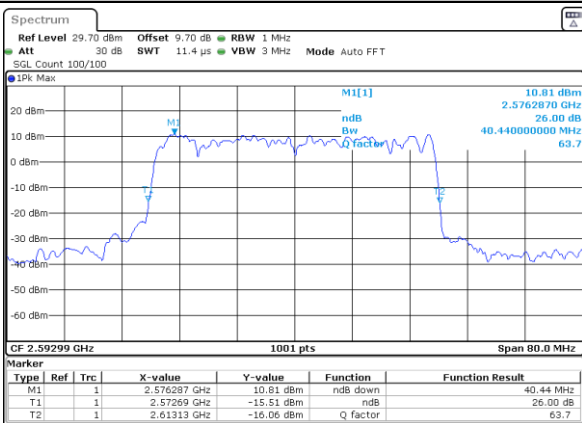
Date: 7,SEP,2022 16:39:17

16QAM



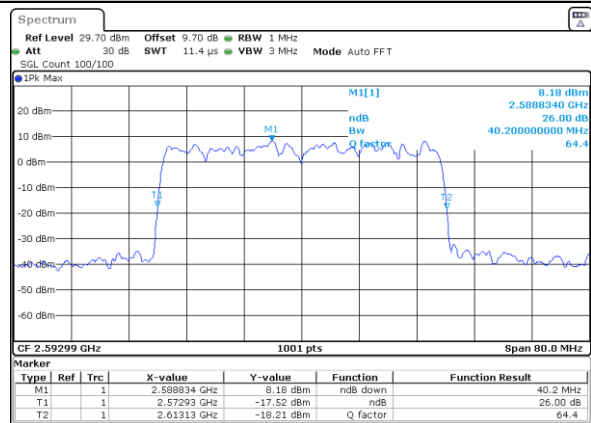
Date: 7,SEP,2022 16:38:55

64QAM



Date: 7,SEP,2022 16:38:28

256QAM



Date: 7,SEP,2022 16:38:02